

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086313.D
 Acq On : 20 Apr 2016 17:19
 Operator : UM/SJ
 Sample : PB89945BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Manual Integrations
 APPROVED

sohil
 4/21/2016 7:10:05 PM

Quant Time: Apr 21 01:23:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255992	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1026329	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	474198	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	805892	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	443718	20.00	ng	-0.03
86) Perylene-d12	15.44	264	437020	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1695719	115.57	ng	-0.01
7) Phenol-d6	6.50	99	2202327	114.70	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1534803	85.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	459820	124.41	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2323687	96.48	ng	-0.03
78) Terphenyl-d14	12.97	244	1607658	86.24	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	252613	31.78	ng	96
3) Pyridine	3.28	79	781767	38.42	ng	97
4) n-Nitrosodimethylamine	3.22	42	294521	42.01	ng	81
6) Aniline	6.53	93	536500	20.76	ng	94
8) 2-Chlorophenol	6.65	128	662739	38.03	ng	90
9) Benzaldehyde	6.41	77	163084	11.98	ng	98
10) Phenol	6.51	94	880827	40.03	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	743866	38.70	ng	90
12) 1,3-Dichlorobenzene	6.81	146	734152m	38.40	ng	
13) 1,4-Dichlorobenzene	6.88	146	748403	36.63	ng	98
14) 1,2-Dichlorobenzene	7.04	146	674268	37.20	ng	98
15) Benzyl Alcohol	7.01	79	516506	43.30	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1052660	38.93	ng	89
17) 2-Methylphenol	7.12	107	602539	41.36	ng	99
18) Hexachloroethane	7.38	117	262598	43.12	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	454587	39.09	ng	# 82
20) 3+4-Methylphenols	7.28	107	658124	41.65	ng	# 80
22) Acetophenone	7.28	105	902884	41.88	ng	# 89
24) Nitrobenzene	7.45	77	750883	39.17	ng	97
25) Isophorone	7.69	82	1386233	40.83	ng	99
26) 2-Nitrophenol	7.77	139	407716	47.54	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	706039	41.98	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	906877	45.67	ng	99
29) 2,4-Dichlorophenol	8.01	162	603071	45.47	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	581533	40.64	ng	99
31) Naphthalene	8.17	128	2007075	41.02	ng	99
32) Benzoic acid	7.93	122	429391	42.96	ng	96
33) 4-Chloroaniline	8.22	127	279932	13.82	ng	# 93
34) Hexachlorobutadiene	8.29	225	294210	40.80	ng	99
35) Caprolactam	8.59	113	196773m	45.81	ng	
36) 4-Chloro-3-methylphenol	8.70	107	655893	43.98	ng	94
37) 2-Methylnaphthalene	8.86	142	1310350	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	479601	38.00	ng	97
40) Hexachlorocyclopentadiene	9.01	237	373903	119.65	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	361336	41.27	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	401863	42.14	nq #	92
45) 1,1'-Biphenyl	9.33	154	1534545	41.21	nq	96
46) 2-Chloronaphthalene	9.36	162	1204808	42.69	nq	94
47) 2-Nitroaniline	9.45	65	421059	43.90	nq #	85
48) Acenaphthylene	9.77	152	1894991	43.00	nq	99
49) Dimethylphthalate	9.63	163	1379603	38.21	nq	100
50) 2,6-Dinitrotoluene	9.69	165	307632	41.41	nq #	71
51) Acenaphthene	9.94	154	1215981	47.04	nq	98
52) 3-Nitroaniline	9.86	138	191594	20.28	nq	86
53) 2,4-Dinitrophenol	9.96	184	234066	145.05	nq	94
54) Dibenzofuran	10.11	168	1574110	44.78	nq	95
55) 4-Nitrophenol	10.02	139	519659	88.71	nq	89
56) 2,4-Dinitrotoluene	10.09	165	408200	44.21	nq #	60
57) Fluorene	10.45	166	1137273	43.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	280127m	43.78	nq	
59) Diethylphthalate	10.33	149	1364895	38.74	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	484676	40.18	nq	94
61) 4-Nitroaniline	10.48	138	336641	38.07	nq #	82
62) Azobenzene	10.60	77	1519360	43.75	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	165900	63.26	nq #	65
65) n-Nitrosodiphenylamine	10.57	169	1120901	42.22	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	330492	38.17	nq #	88
67) Hexachlorobenzene	11.00	284	346509	39.87	nq #	70
68) Atrazine	11.09	200	338359	41.46	nq	97
69) Pentachlorophenol	11.20	266	390768	85.83	nq	98
70) Phenanthrene	11.41	178	1673482	43.82	nq	99
71) Anthracene	11.46	178	1677276	41.01	nq	99
72) Carbazole	11.62	167	1694096	43.77	nq	98
73) Di-n-butylphthalate	11.95	149	2023561	40.61	nq	100
74) Fluoranthene	12.59	202	1453654	41.05	nq	99
76) Benzidine	12.72	184	585759	29.90	nq	97
77) Pyrene	12.82	202	1396370	42.42	nq	99
79) Butylbenzylphthalate	13.45	149	806557	46.42	nq	97
80) Benzo(a)anthracene	14.01	228	998297	42.71	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	302528	18.71	nq #	98
82) Chrysene	14.04	228	943883	37.36	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	904435	44.45	nq	99
84) Di-n-octyl phthalate	14.61	149	1578310	43.04	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1039077	40.00	nq	96
87) Benzo(b)fluoranthene	15.04	252	1076504m	42.59	nq	
88) Benzo(k)fluoranthene	15.06	252	966072m	45.40	nq	
89) Benzo(a)pyrene	15.38	252	1020218	43.79	nq	97
90) Dibenzo(a,h)anthracene	16.85	278	879362	43.24	nq	96
91) Benzo(g,h,i)perylene	17.25	276	859979	44.10	nq #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

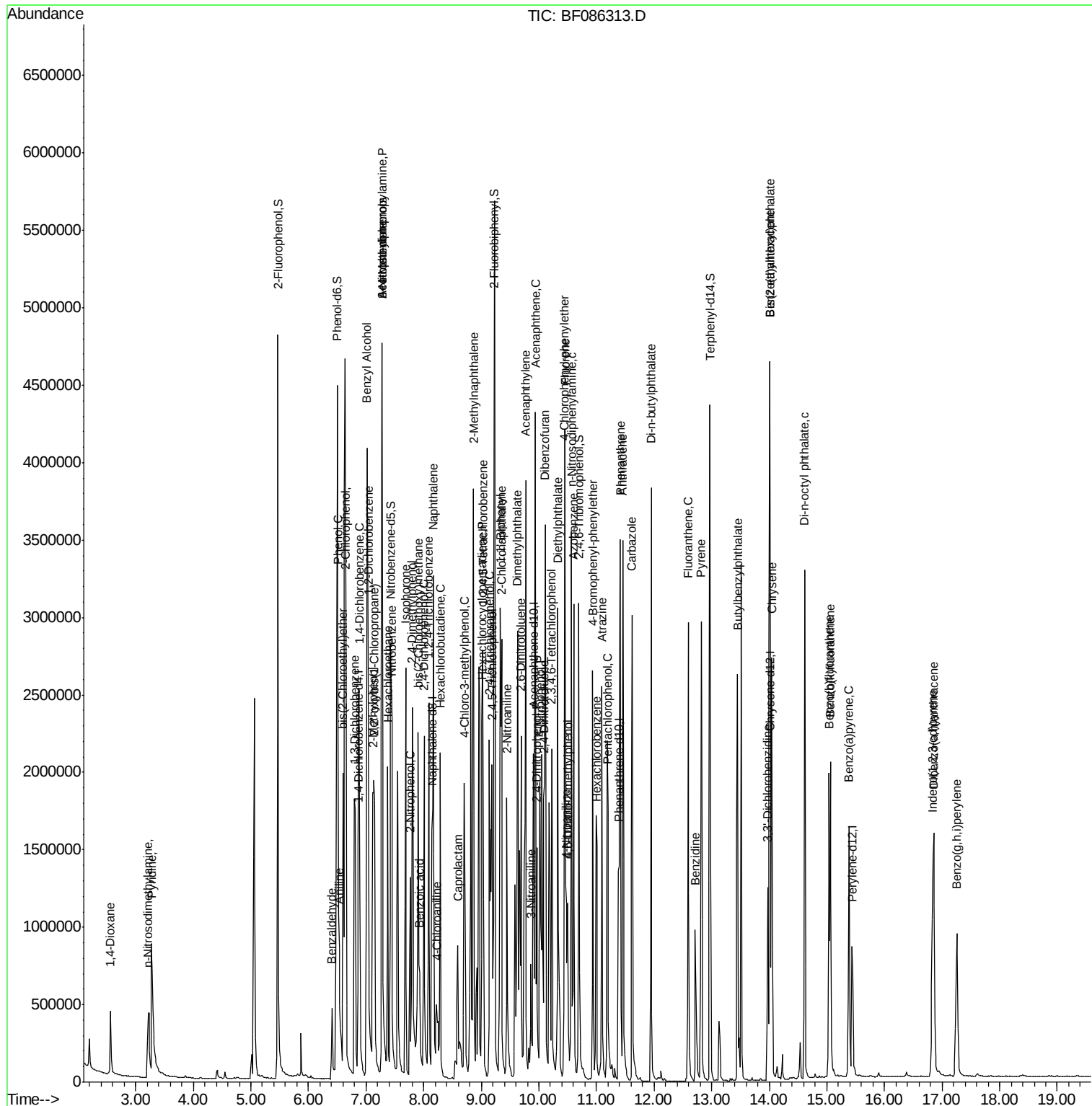
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Operator  : UM/SJ  
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ALS Vial  : 17      Sample Multiplier: 1
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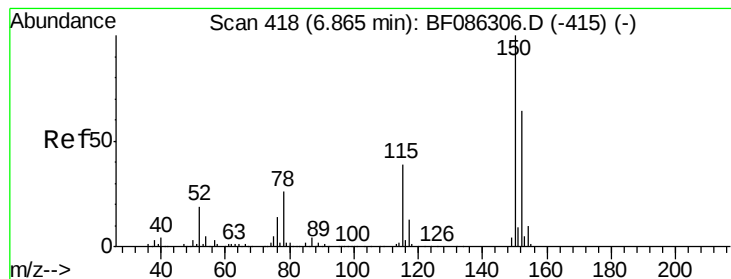
Instrument :
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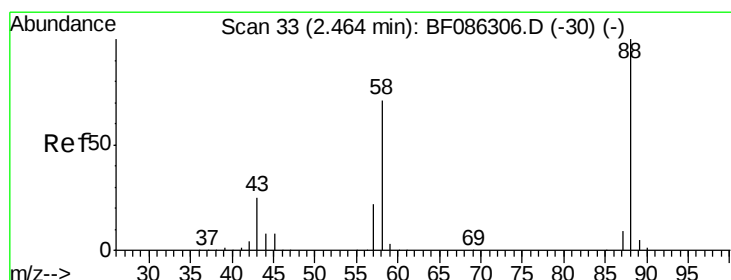
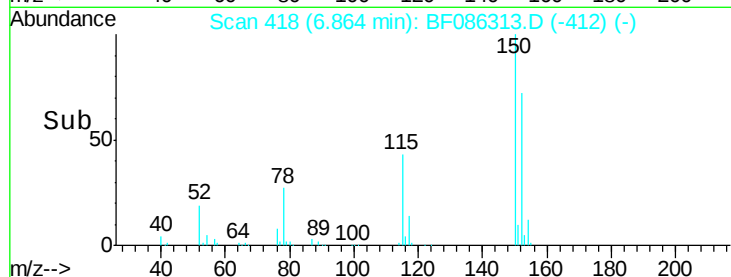
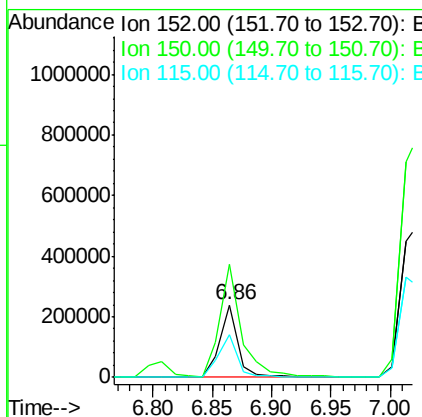
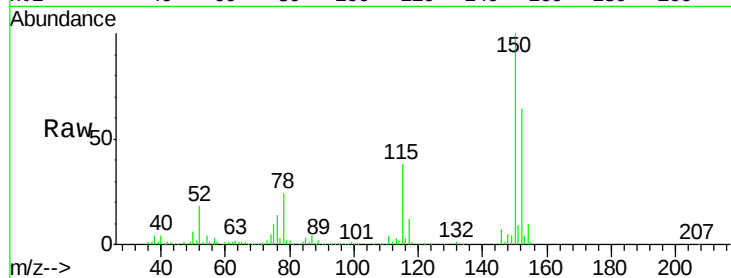
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

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 ClientSampleId :
 PB89945BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.1	186.1
115	59.0	43.9	65.9

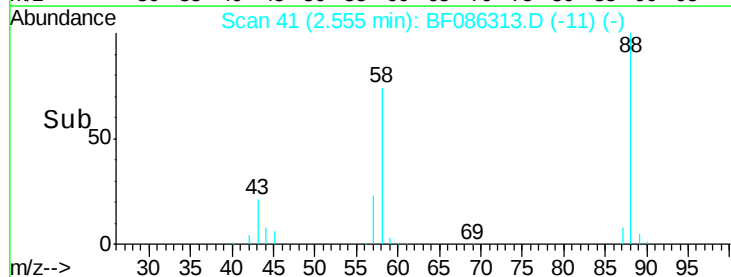
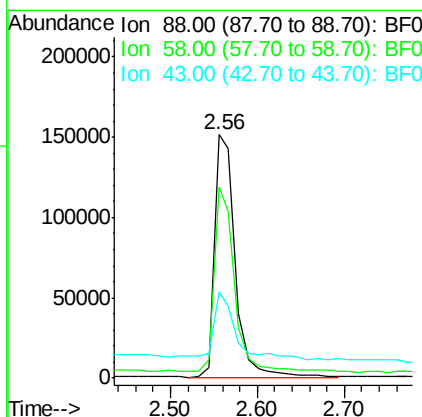
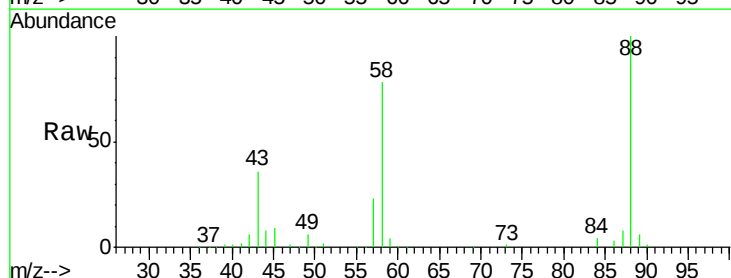
Manual Integrations
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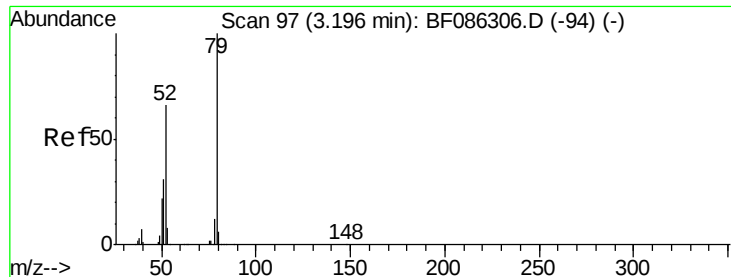
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#2
 1,4-Dioxane
 Concen: 31.78 ng
 RT: 2.56 min Scan# 41
 Delta R.T. 0.05 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	58.4	87.6
43	31.5	23.3	34.9





#3

Pvridine

Concen: 38.42 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

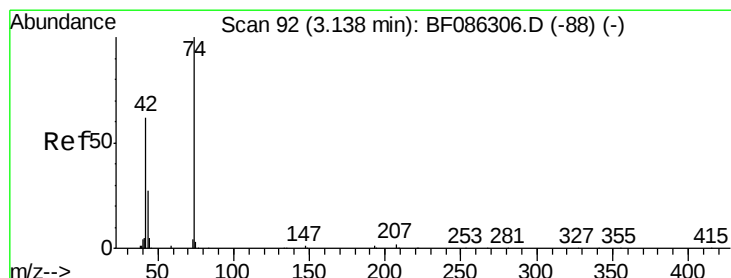
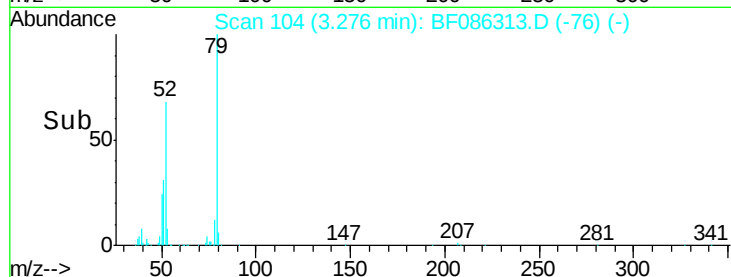
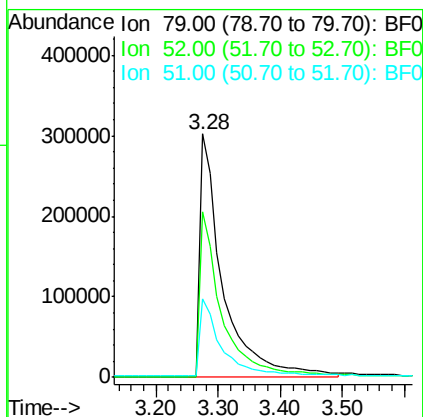
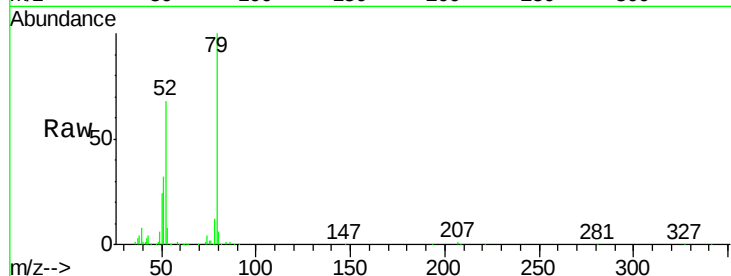
ClientSampleId :

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Tot Ion:	79	Resp:	781767
Ion Ratio	Lower	Upper	
79	100		
52	68.0	55.4	83.2
51	32.0	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 42.01 ng

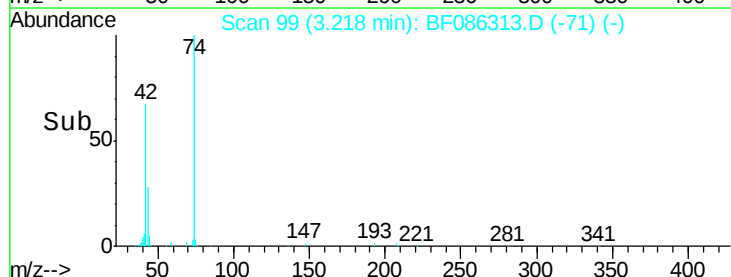
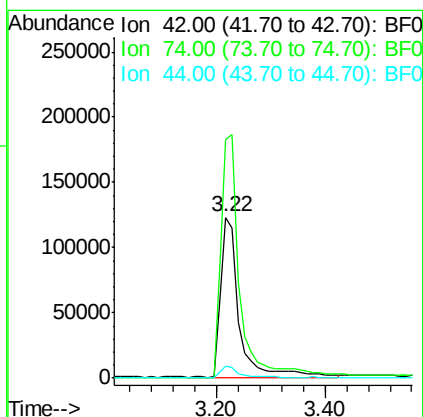
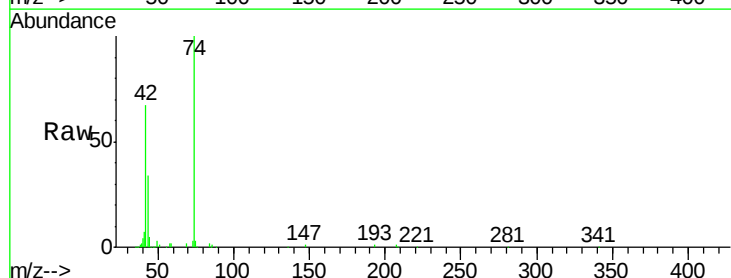
RT: 3.22 min Scan# 99

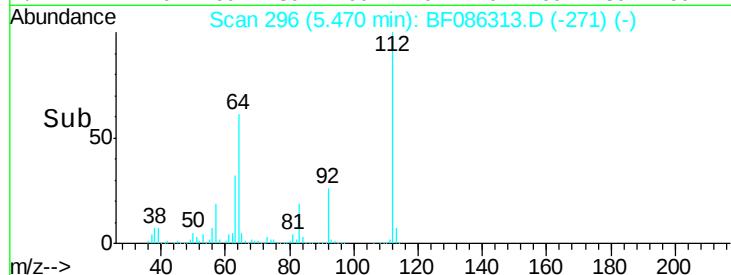
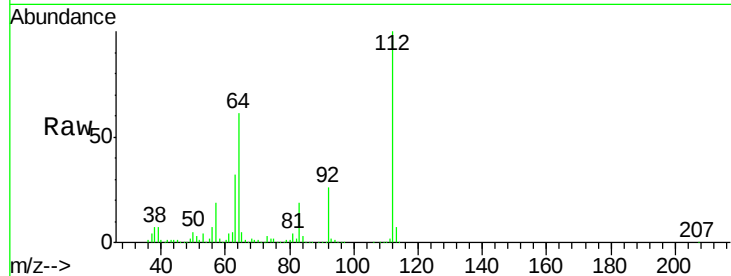
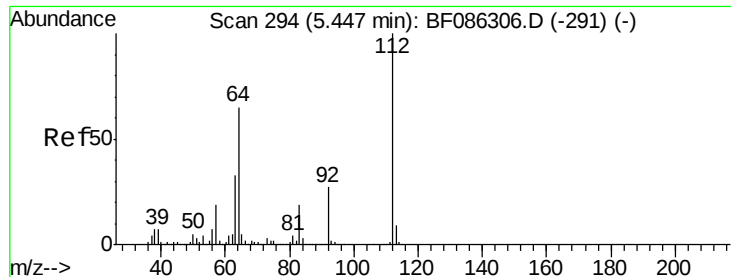
Delta R.T. 0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:	42	Resp:	294521
Ion Ratio	Lower	Upper	
42	100		
74	148.7	100.5	150.7
44	7.3	5.4	8.0





#5

2-Fluorophenol

Concen: 115.57 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tot Ion:	112	Resp:	1695719
Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.1	72.1
63	32.2	25.5	38.3

Instrument :

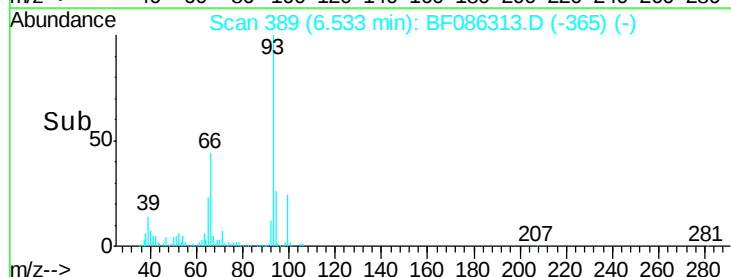
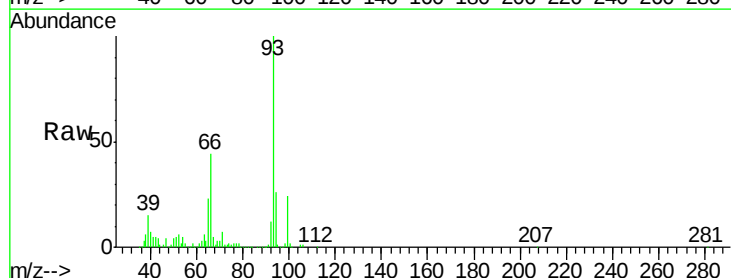
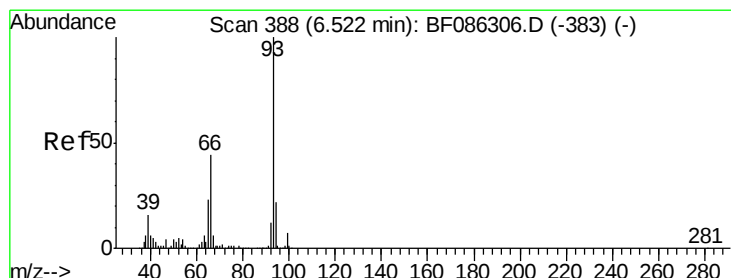
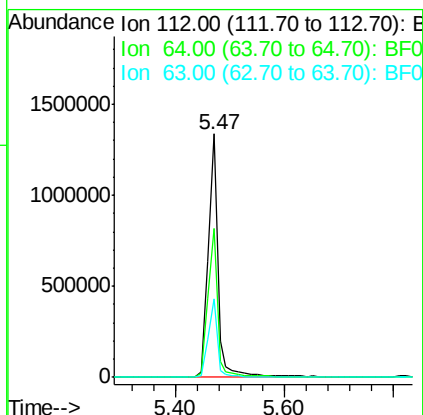
BNA_F

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#6

Aniline

Concen: 20.76 ng

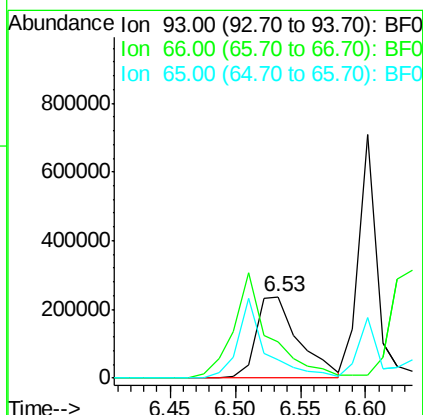
RT: 6.53 min Scan# 389

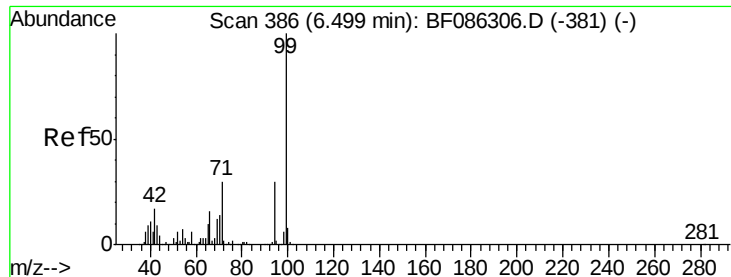
Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:	93	Resp:	536500
Ion	Ratio	Lower	Upper
93	100		
66	43.9	32.2	48.2
65	23.1	16.4	24.6





#7

Phenol-d6

Concen: 114.70 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tot Ion: 99 Resp: 2202327

Ion Ratio Lower Upper

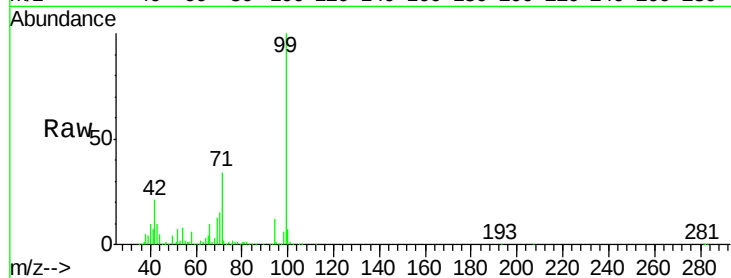
99 100

42 20.8 15.4 23.2

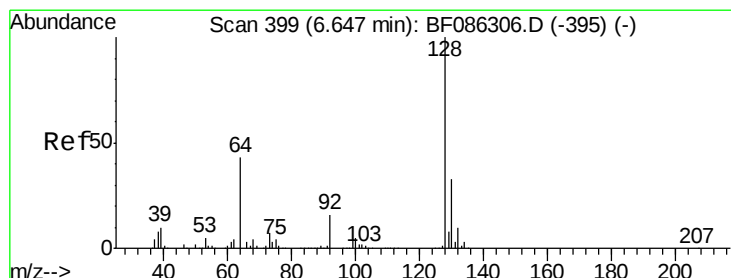
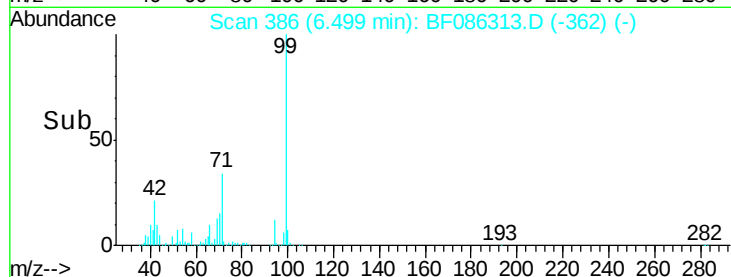
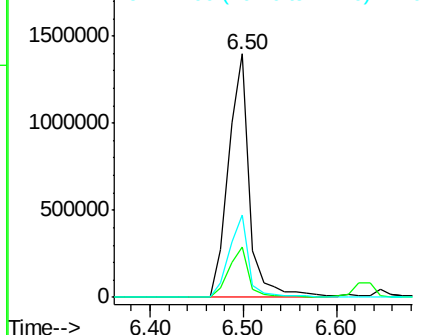
71 33.9 25.6 38.4

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.03 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

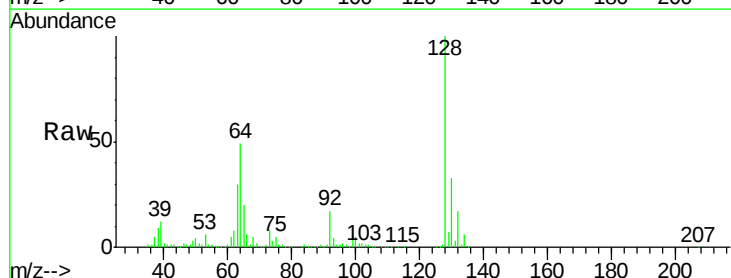
Tgt Ion: 128 Resp: 662739

Ion Ratio Lower Upper

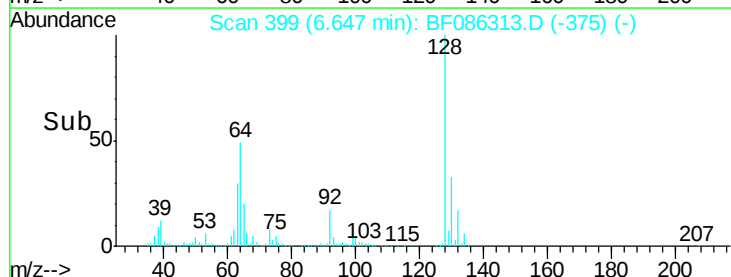
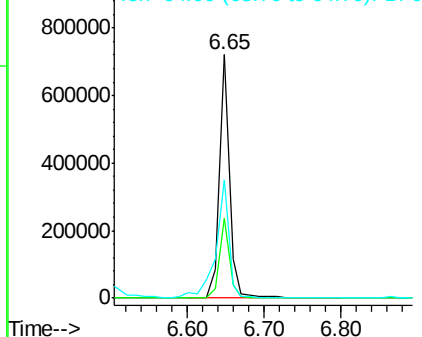
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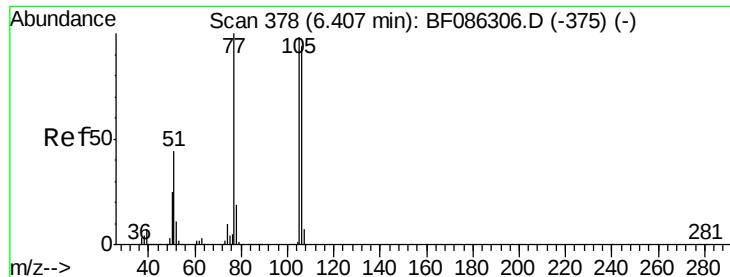
130 32.8 11.8 51.8

64 48.6 39.5 79.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

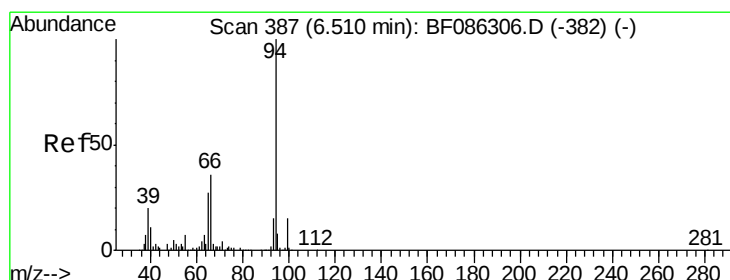
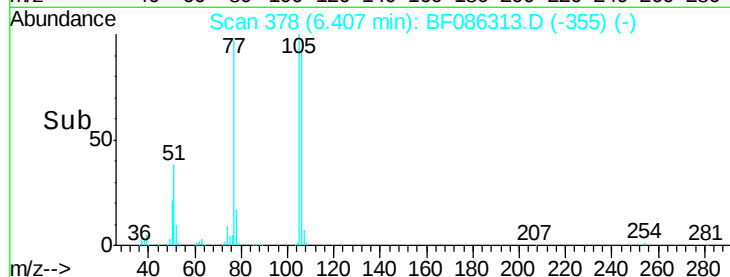
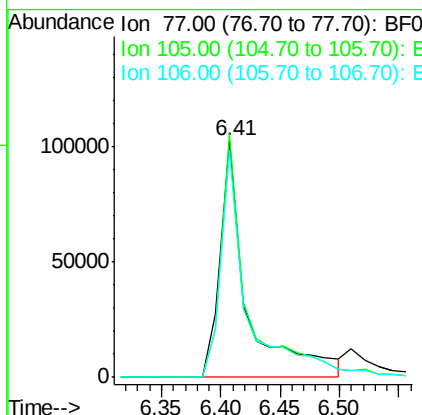
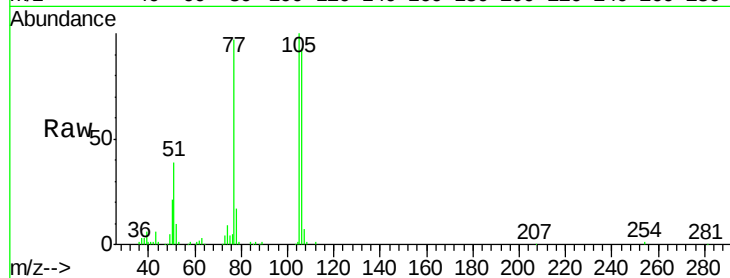
ClientSampled :

PB89945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.1	84.6	124.6		
106	96.3	78.6	118.6		

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#10

Phenol

Concen: 40.03 ng

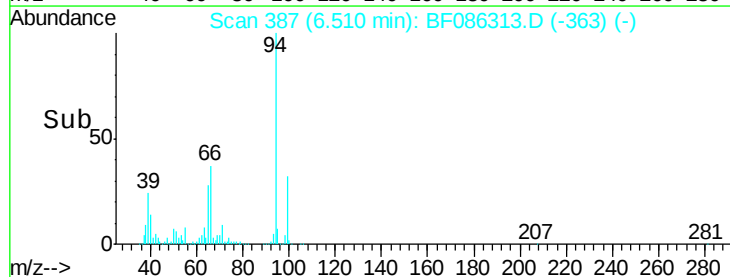
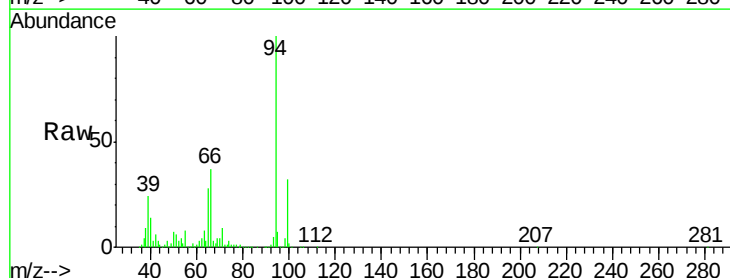
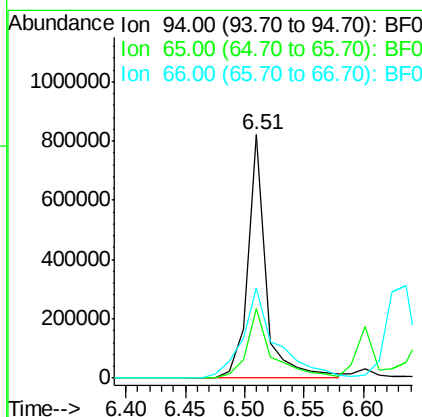
RT: 6.51 min Scan# 387

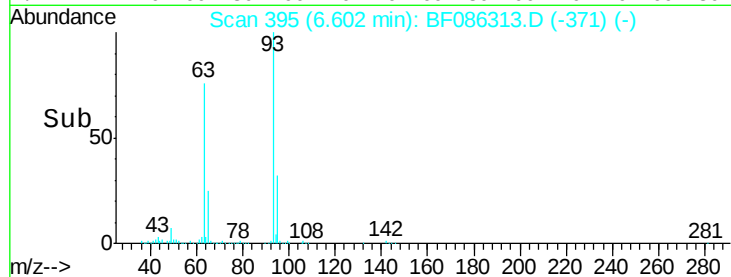
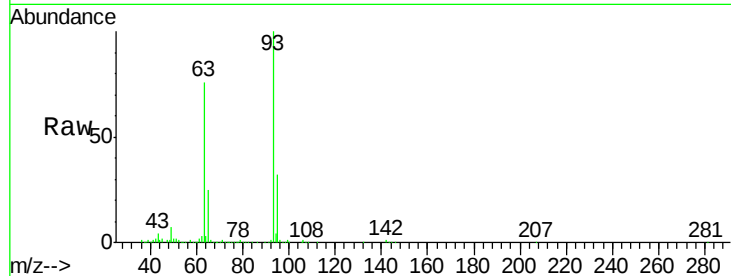
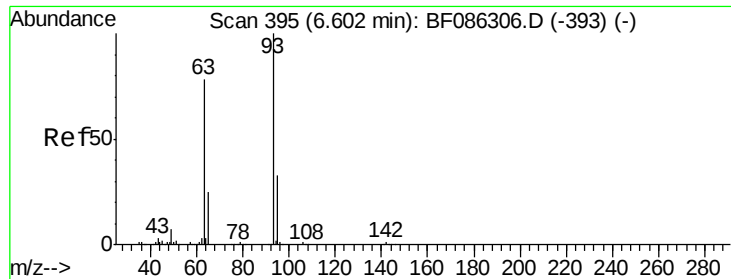
Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.5	7.9	47.9		
66	37.2	16.5	56.5		





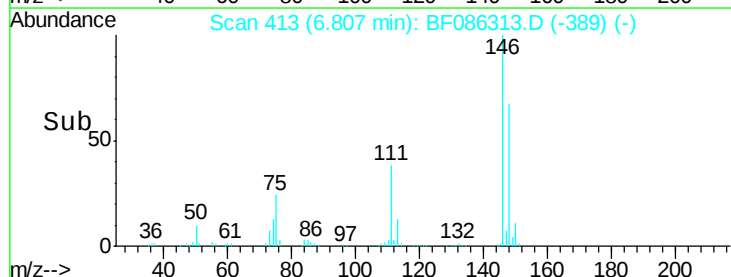
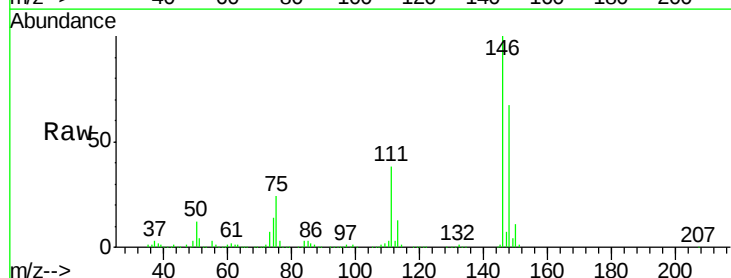
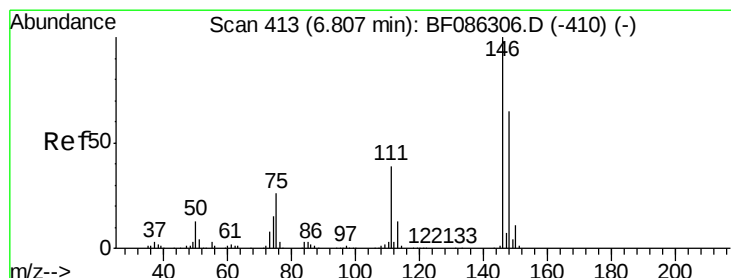
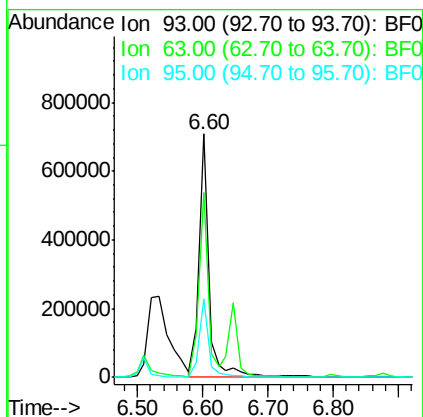
#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		743866		
63	76.1	44.4	84.4		
95	32.1	13.1	53.1		

Instrument :
BNA_F
ClientSampleId :
PB89945BS

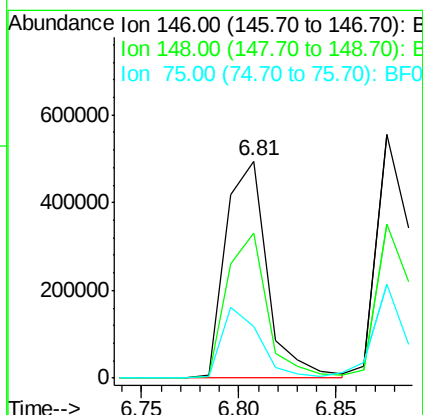
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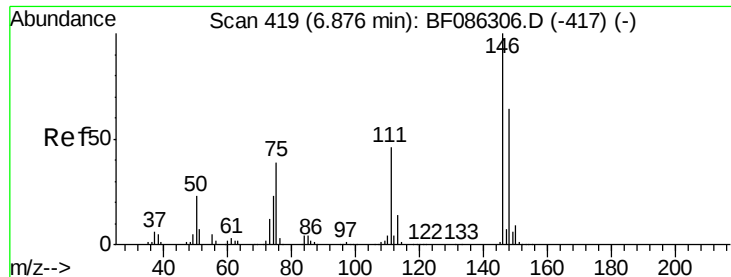
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#12
1,3-Dichlorobenzene
Concen: 38.40 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		734152		
148	66.6	51.0	76.4		
75	24.0	29.9	44.9#		





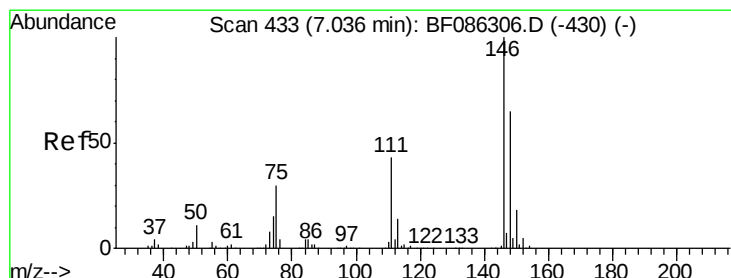
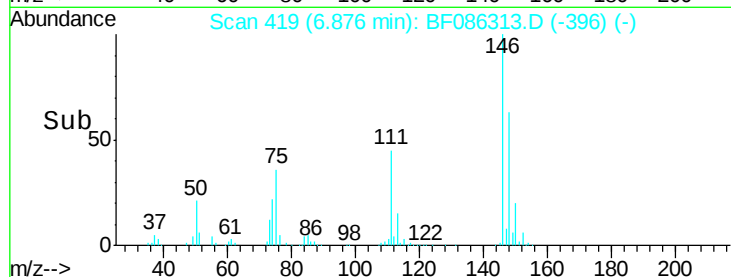
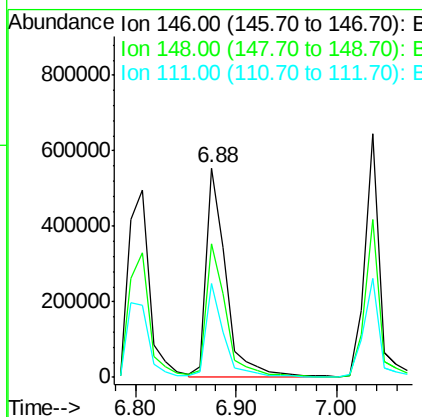
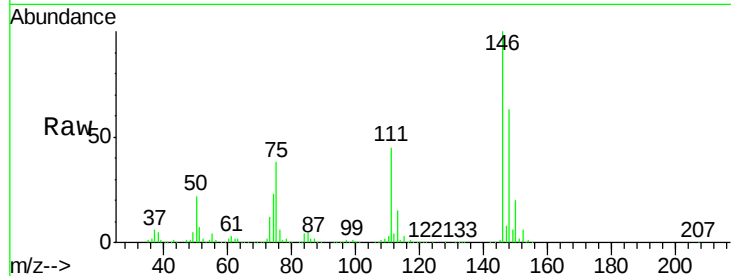
#13
 1,4-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	44.8	34.9	52.3

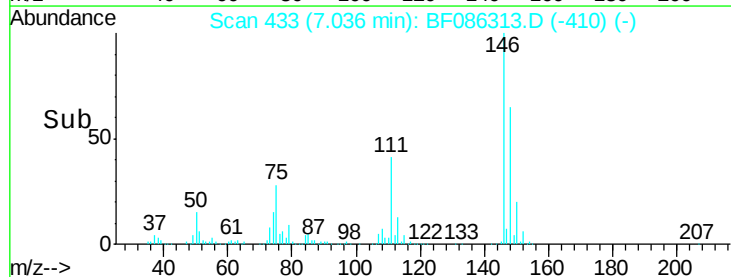
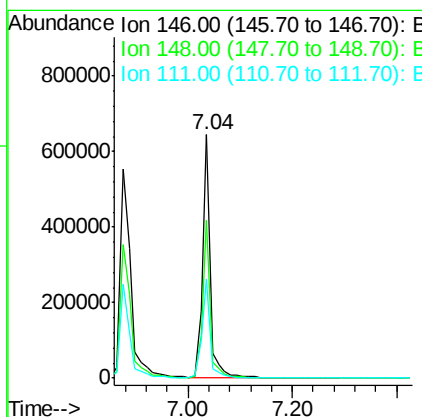
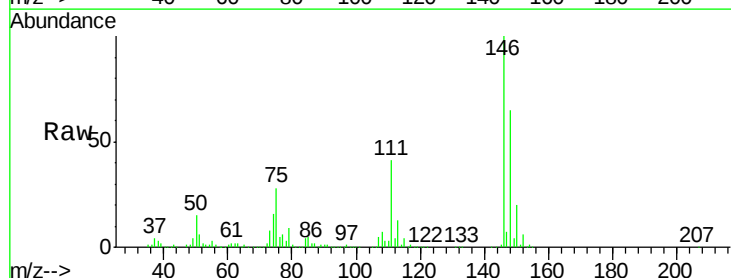
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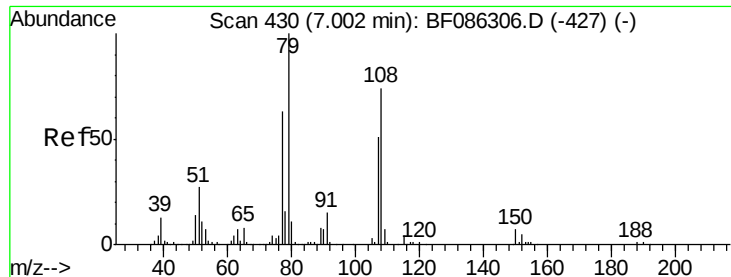
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#14
 1,2-Dichlorobenzene
 Concen: 37.20 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	40.7	31.0	46.4





#15

Benzyl Alcohol

Concen: 43.30 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

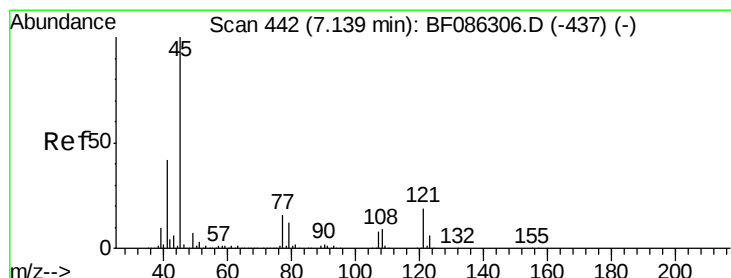
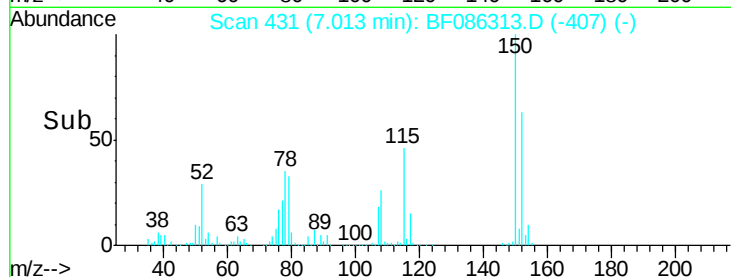
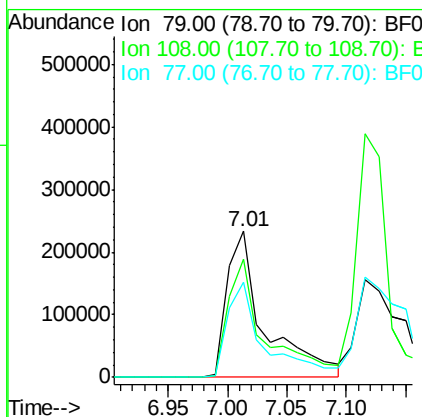
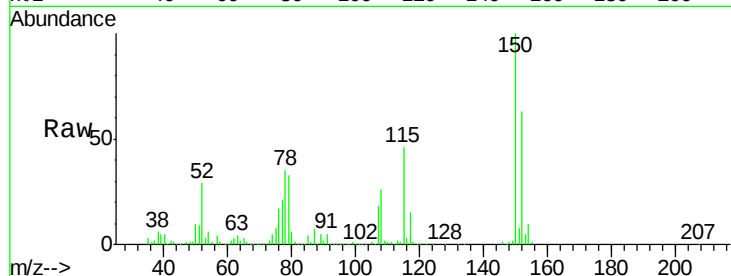
ClientSampled :

PB89945BS

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Tot Ion:	79	Resp:	516506
Ion Ratio	Lower	Upper	
79	100		
108	80.8	64.8	97.2
77	64.9	51.9	77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.93 ng

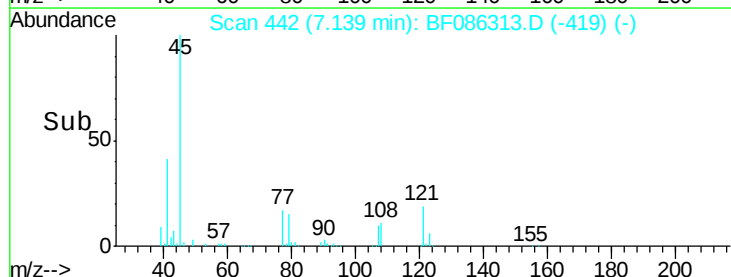
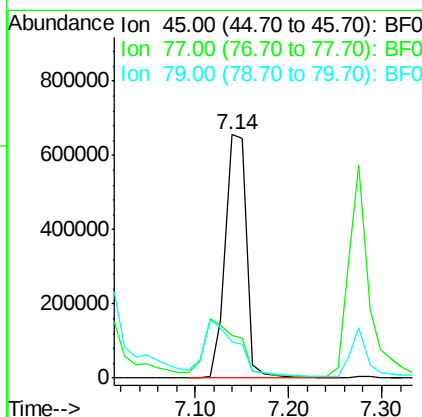
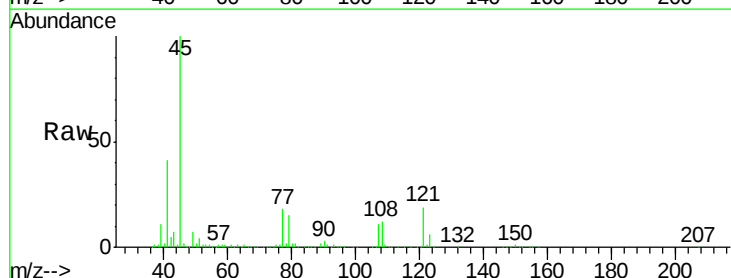
RT: 7.14 min Scan# 442

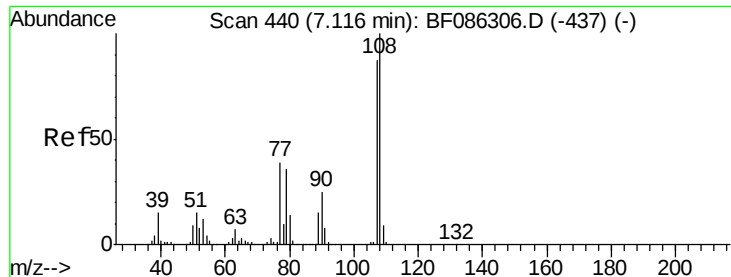
Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:	45	Resp:	1052660
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	33.7
79	14.7	0.0	30.1





#17

2-Methylphenol

Concen: 41.36 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

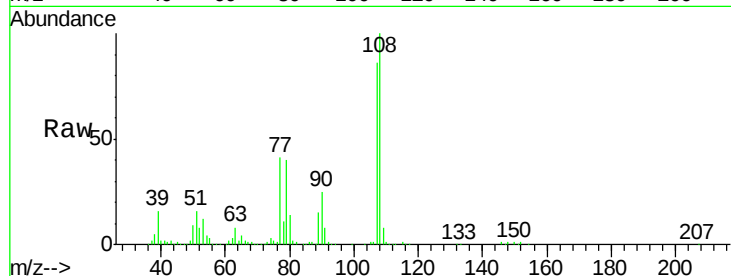
ClientSampled :

PB89945BS

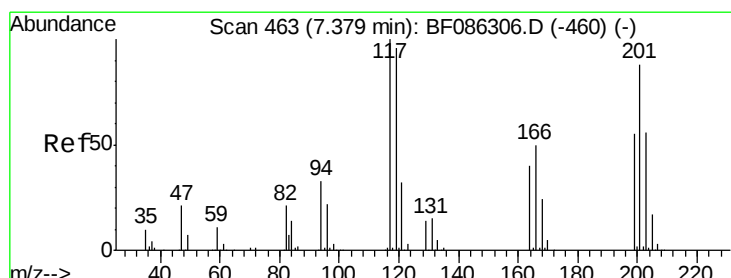
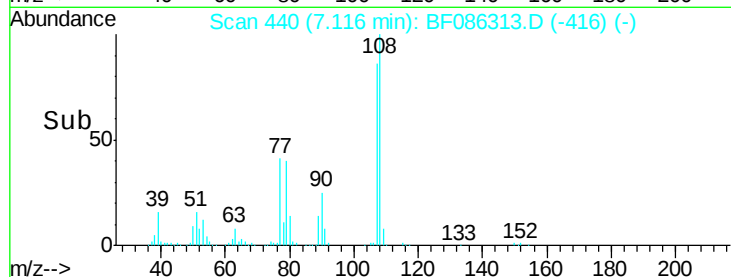
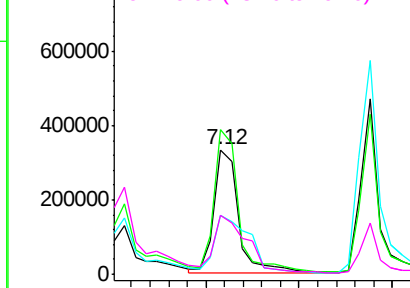
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.2	92.7	139.1	
77	47.6	39.6	59.4	
79	46.9	37.4	56.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.12 ng

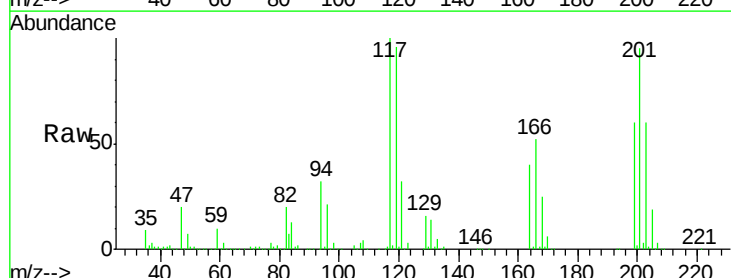
RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

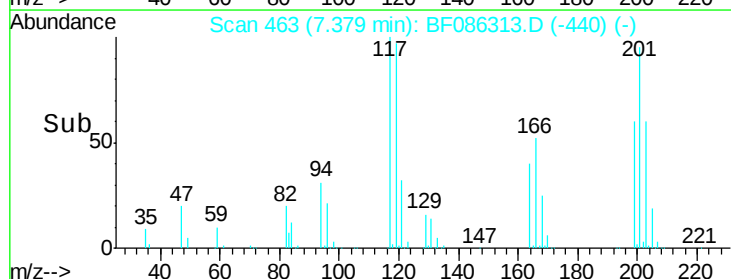
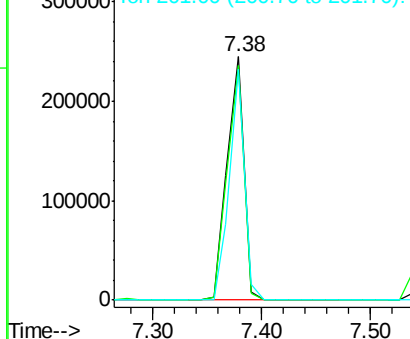
Lab File: BF086313.D

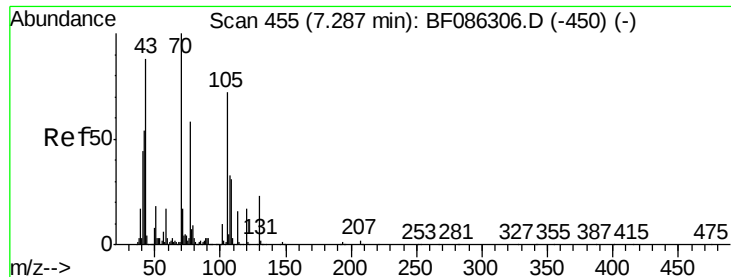
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.2	117.4	
201	94.7	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





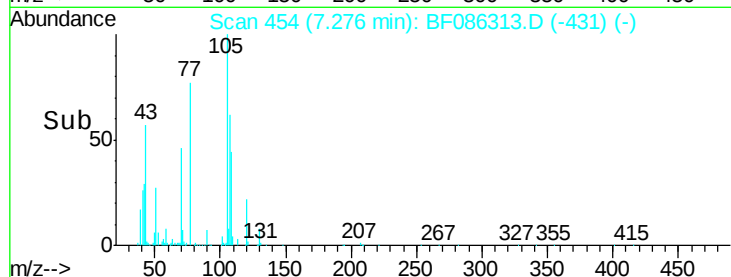
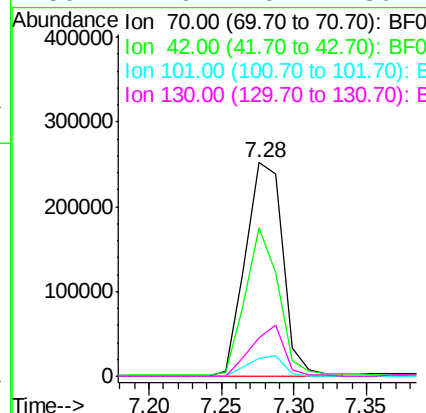
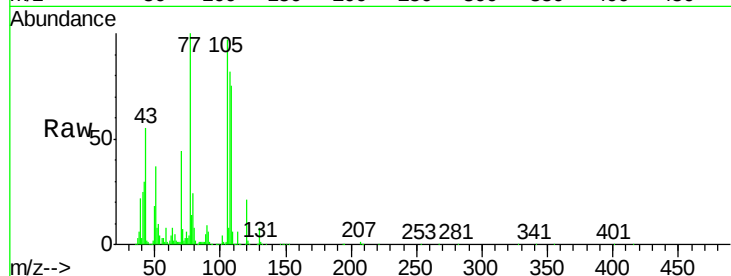
#19
n-Nitroso-di-n-propylamine
Concen: 39.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	43.0	64.4#
101	8.7	8.1	12.1
130	17.9	20.1	30.1#

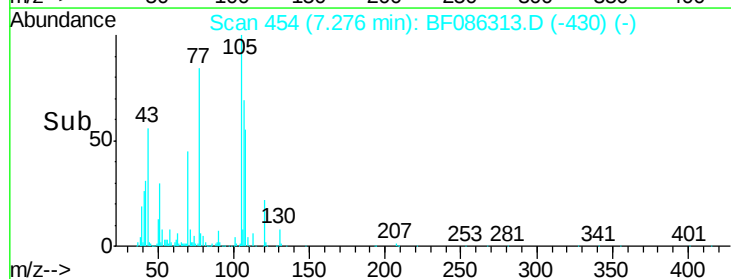
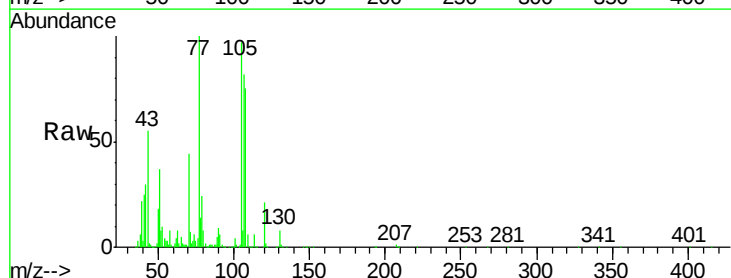
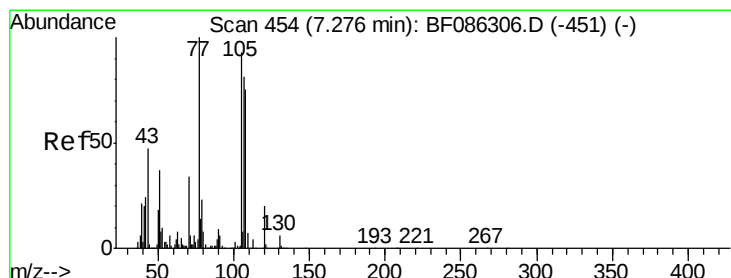
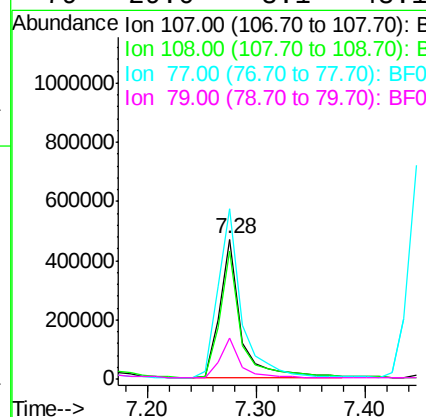
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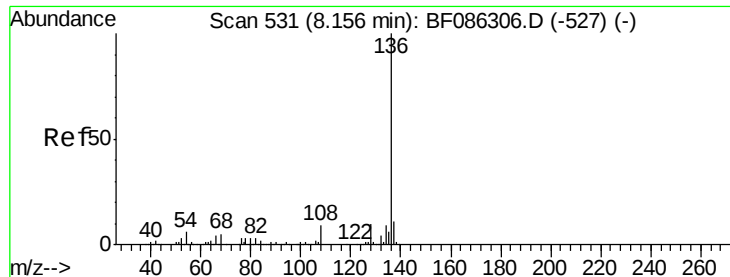
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#20
3+4-Methylphenols
Concen: 41.65 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.7	109.7
77	121.8	60.5	100.5#
79	29.0	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tot Ion:136 Resp: 1026329

Ion Ratio Lower Upper

136 100

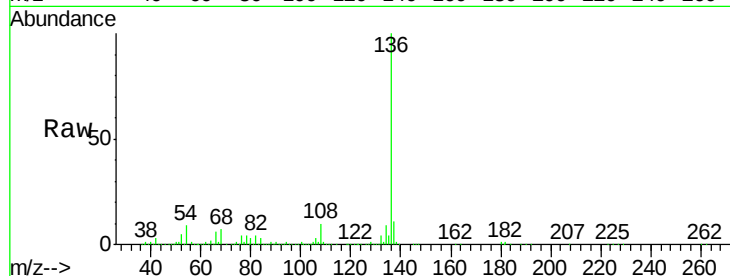
137 11.2 9.1 13.7

54 9.5 7.3 10.9

68 7.4 5.7 8.5

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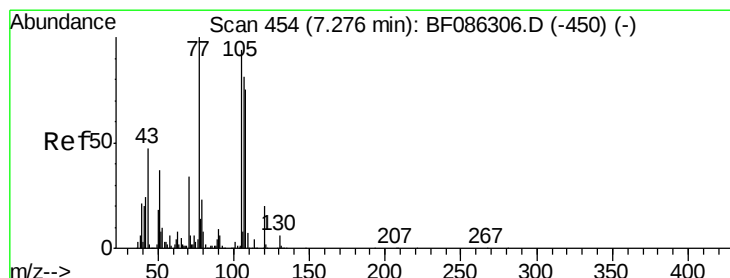
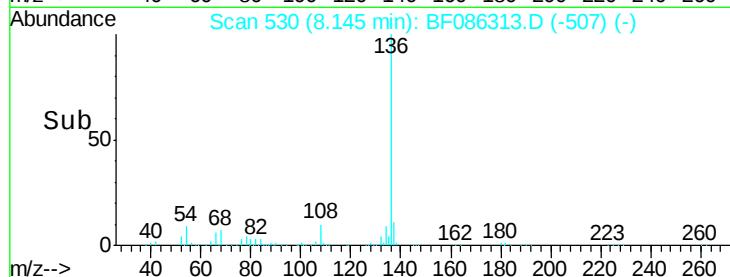
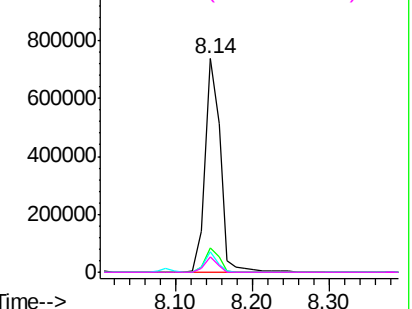


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.88 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:105 Resp: 902884

Ion Ratio Lower Upper

105 100

71 7.6 4.0 6.0#

51 37.8 22.0 33.0#

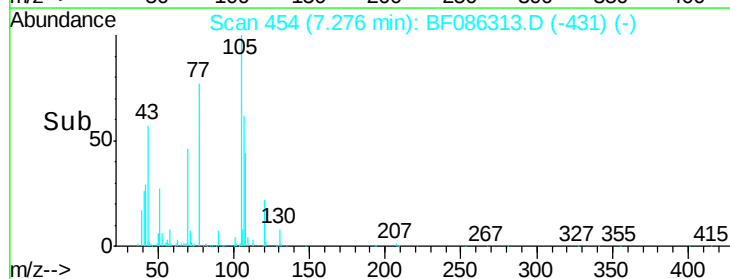
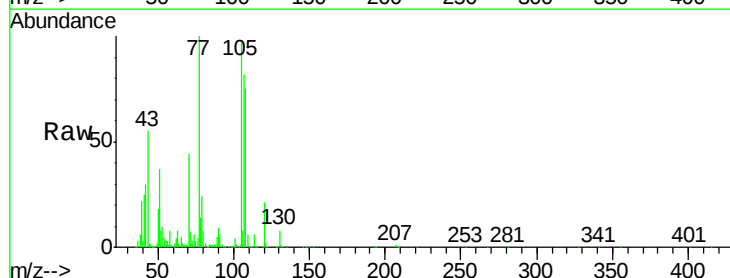
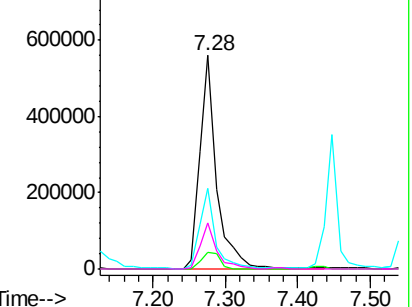
120 21.5 17.5 26.3

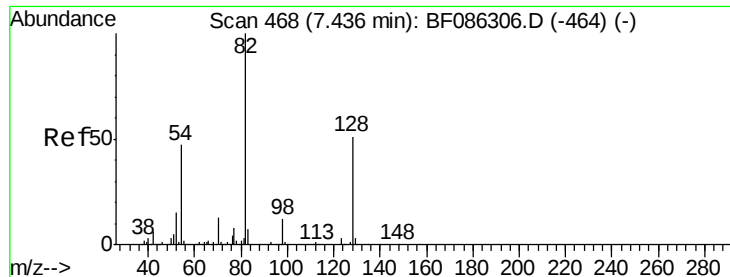
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





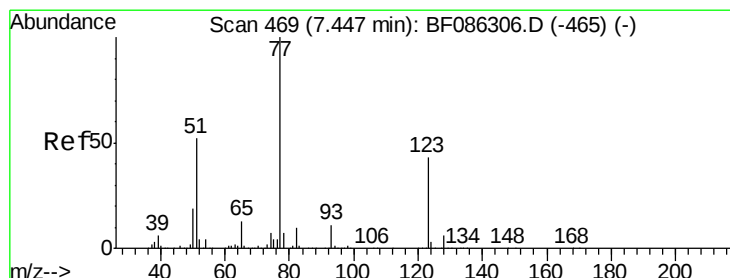
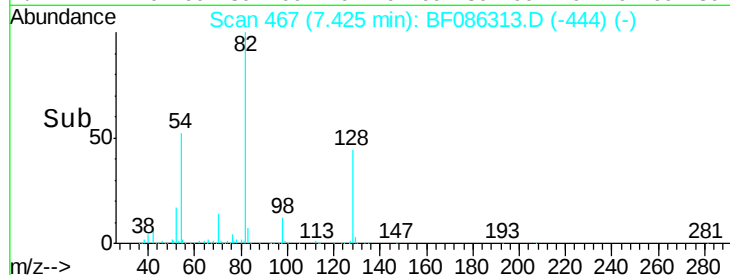
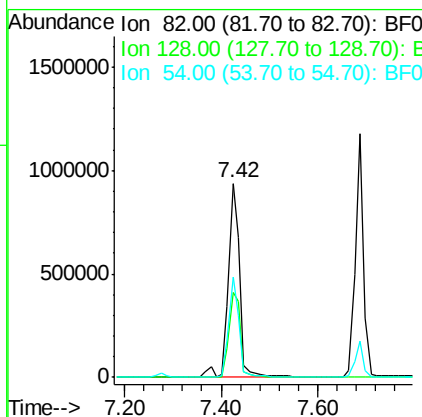
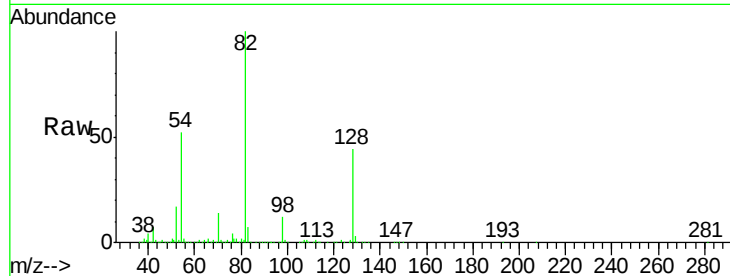
#23
 Nitrobenzene-d5
 Concen: 85.64 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion: 82 Resp: 1534803
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.4 53.2
 54 51.7 43.4 65.0

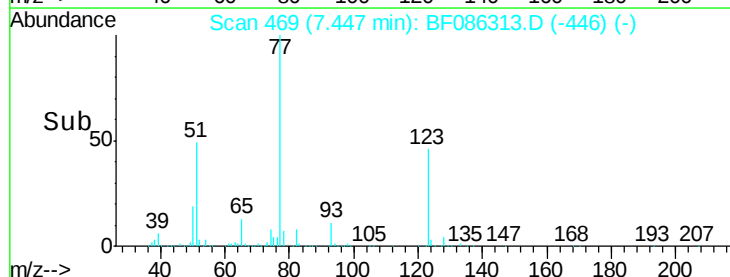
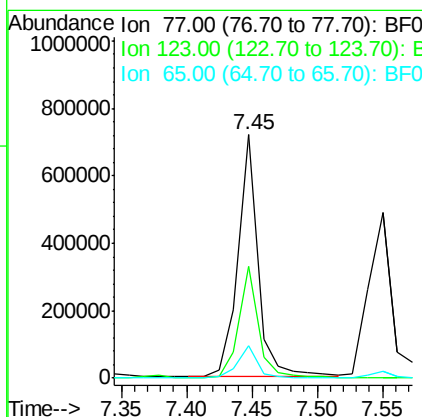
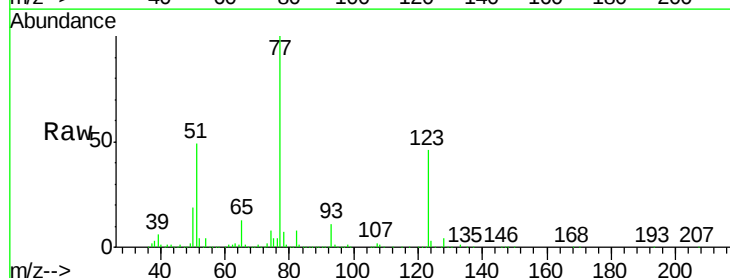
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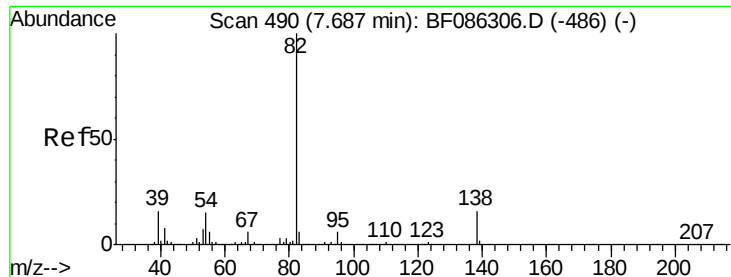
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#24
 Nitrobenzene
 Concen: 39.17 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion: 77 Resp: 750883
 Ion Ratio Lower Upper
 77 100
 123 45.7 38.3 57.5
 65 13.3 11.3 16.9





#25

Isophorone

Concen: 40.83 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tot Ion: 82 Resp: 1386233

Ion Ratio Lower Upper

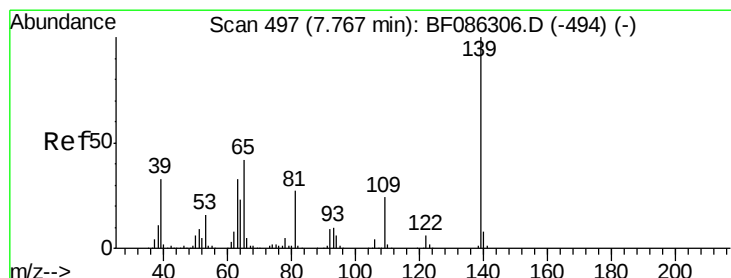
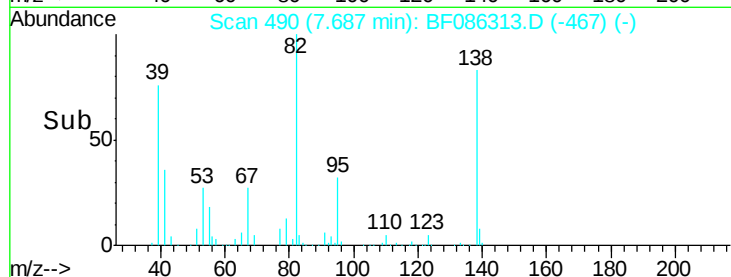
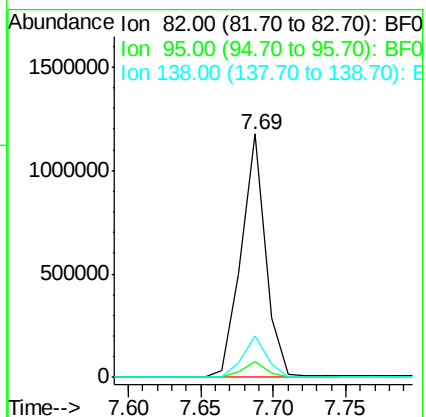
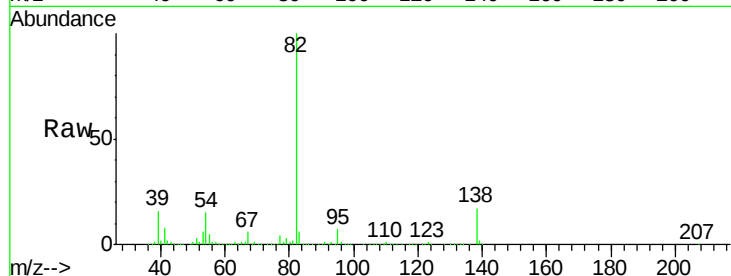
82 100

95 6.5 5.4 8.2

138 17.0 13.4 20.2

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#26

2-Nitrophenol

Concen: 47.54 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

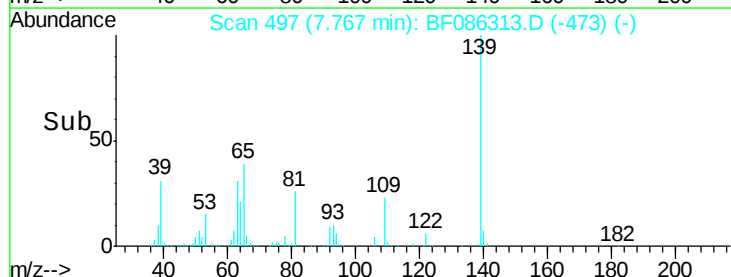
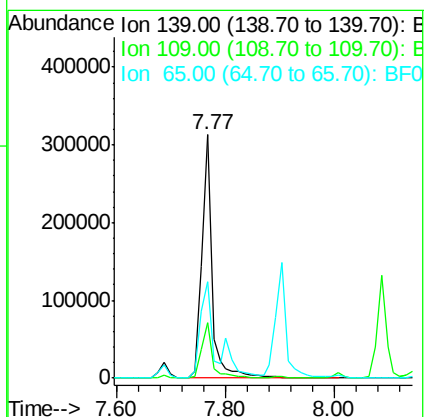
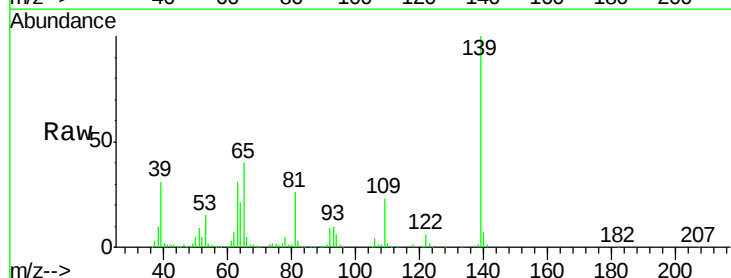
Tgt Ion: 139 Resp: 407716

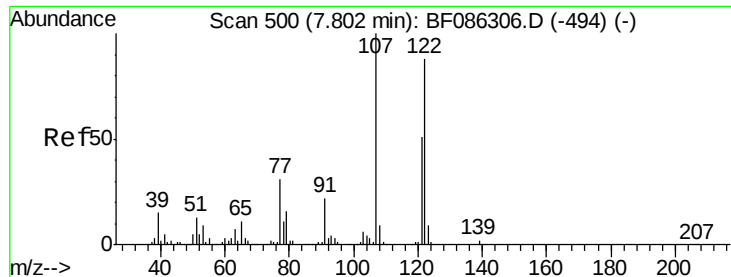
Ion Ratio Lower Upper

139 100

109 22.9 25.8 38.8#

65 39.8 50.2 75.2#





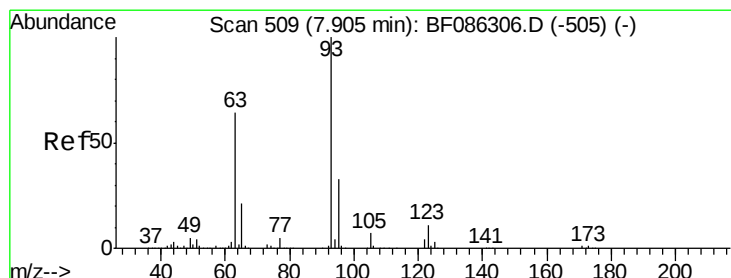
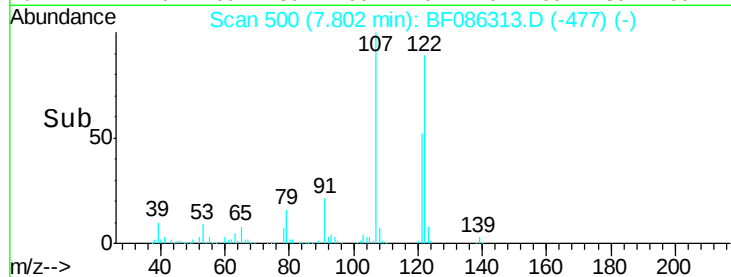
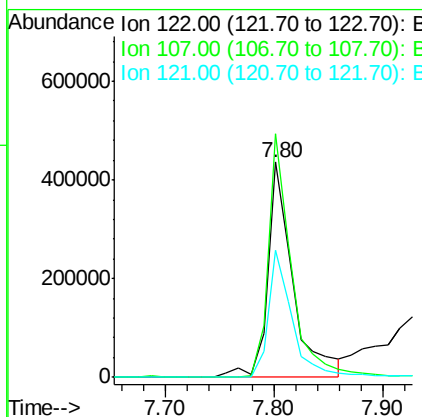
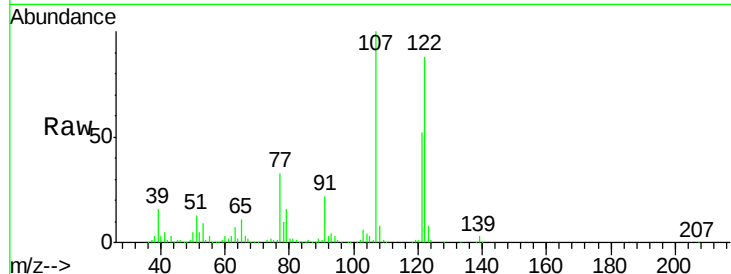
#27
 2,4-Dimethylphenol
 Concen: 41.98 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Manual Integrations
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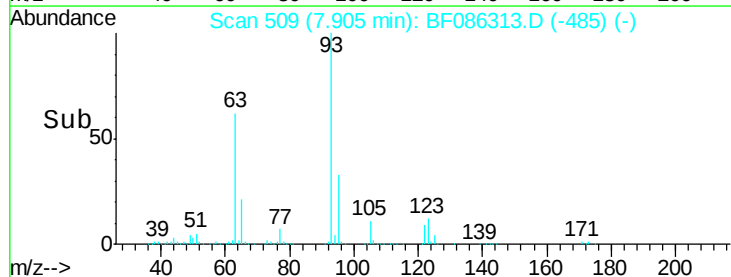
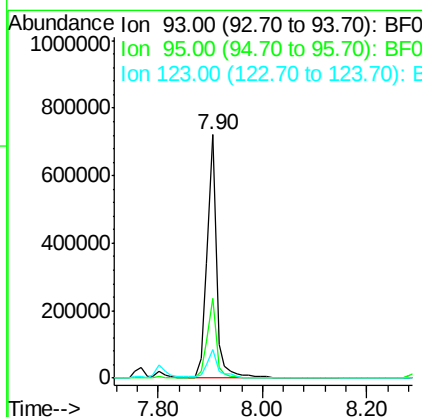
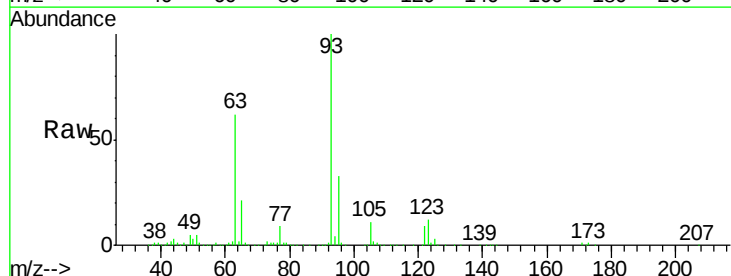
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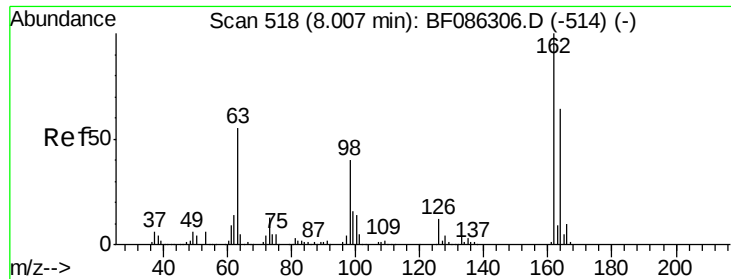
Tot Ion:	122	Resp:	706039
Ion Ratio	Lower	Upper	
122	100		
107	113.3	85.8	128.6
121	59.0	47.1	70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.67 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:	93	Resp:	906877
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.8	38.8
123	12.0	8.9	13.3





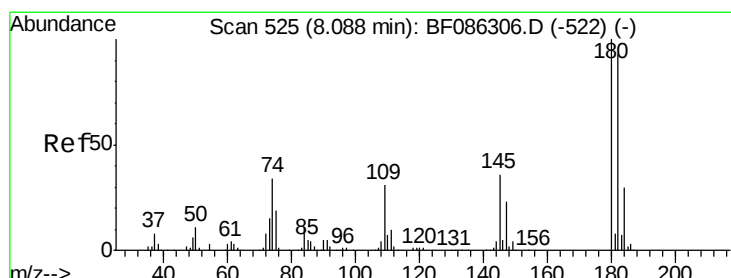
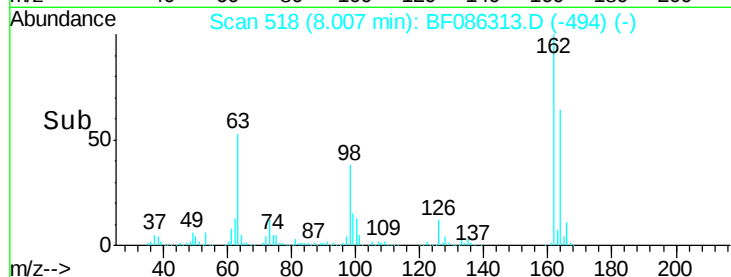
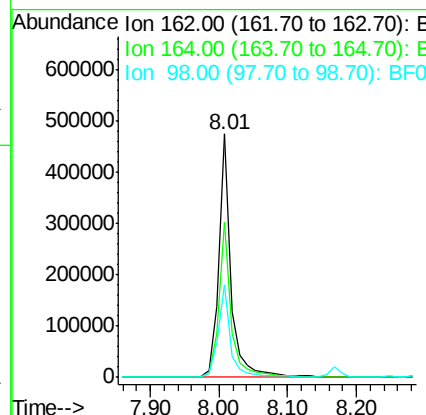
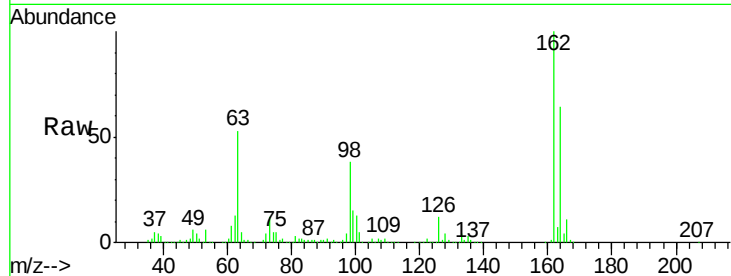
#29
 2,4-Dichlorophenol
 Concen: 45.47 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion:	162	Resp:	603071
Ion Ratio	Lower	Upper	
162	100		
164	63.6	43.3	83.3
98	37.8	22.9	62.9

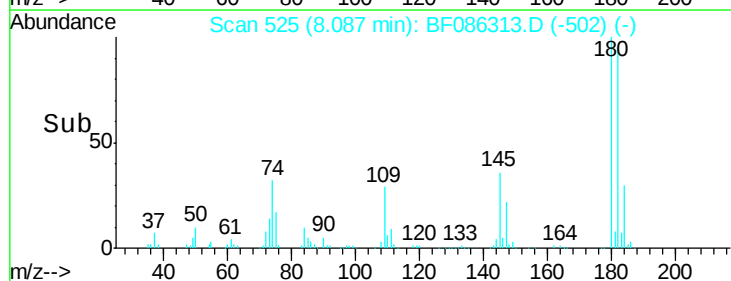
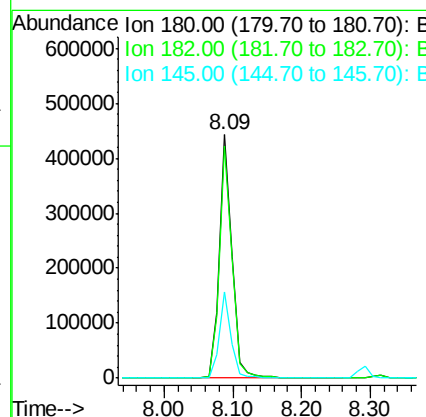
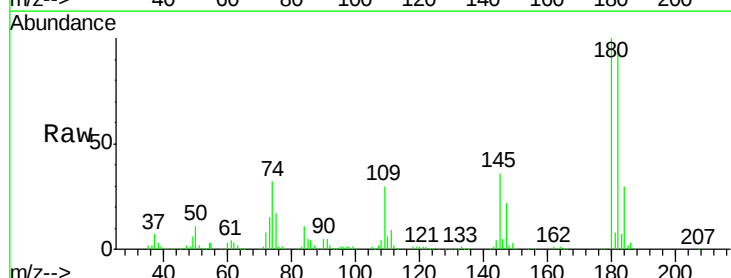
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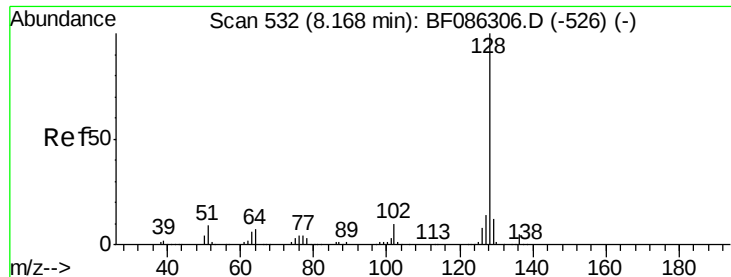
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.64 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:	180	Resp:	581533
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.3	114.5
145	35.6	27.4	41.2





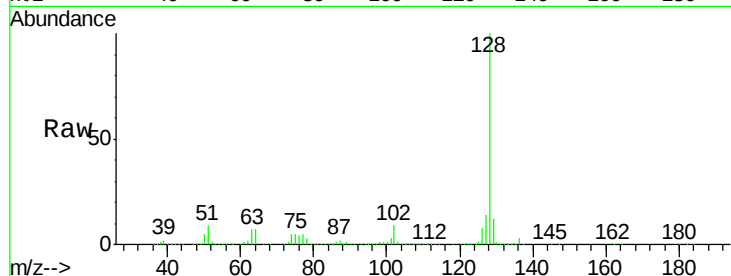
#31
Naphthalene
Concen: 41.02 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

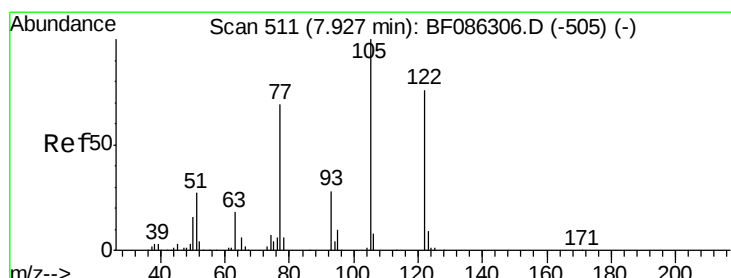
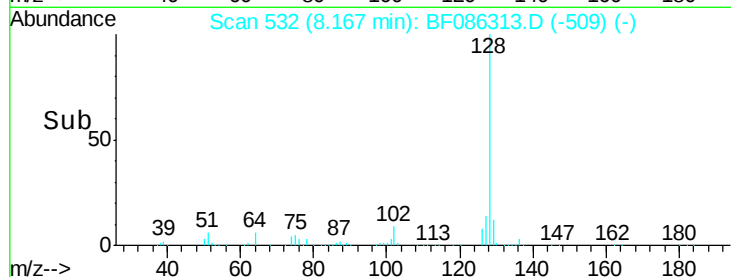
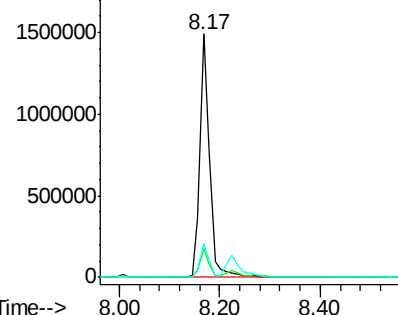
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.8	11.4	17.2

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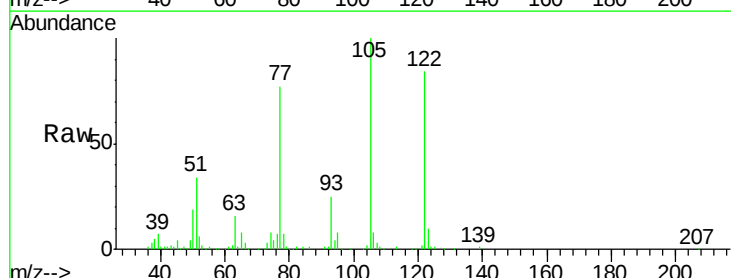


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

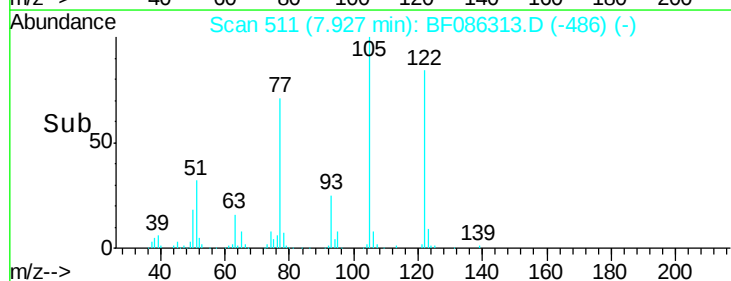
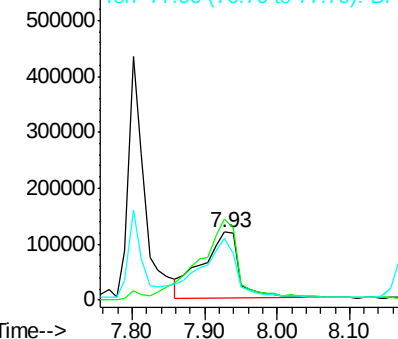


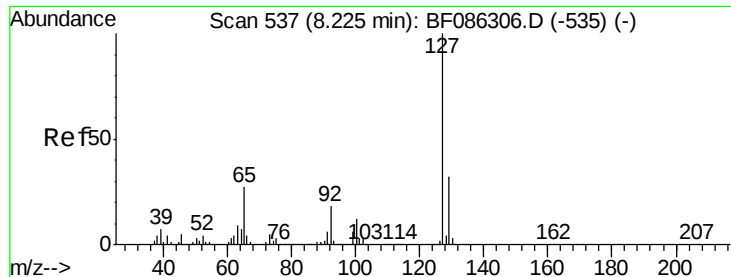
#32
Benzoic acid
Concen: 42.96 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	103.7	143.7
77	91.7	74.9	114.9



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





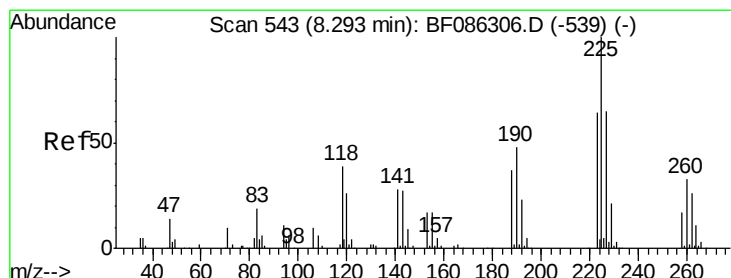
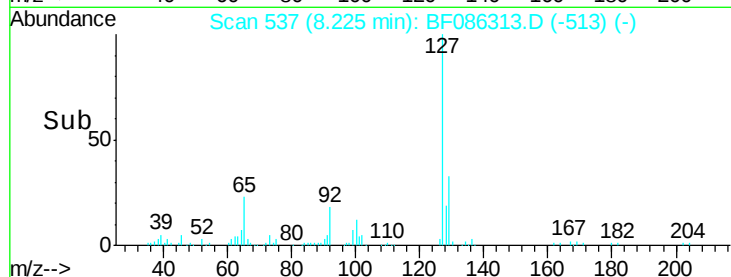
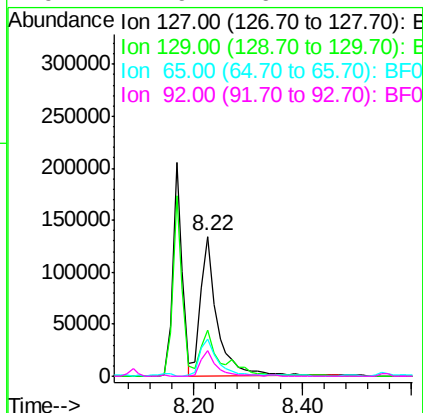
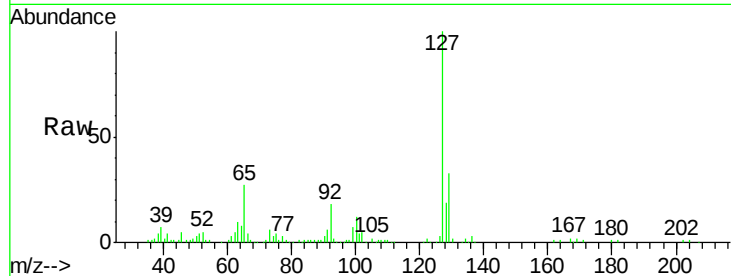
#33
4-Chloroaniline
Concen: 13.82 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.8	40.2		
65	26.6	27.1	40.7		
92	17.9	16.2	24.2		

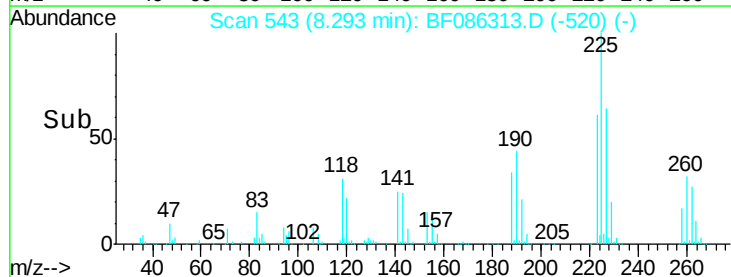
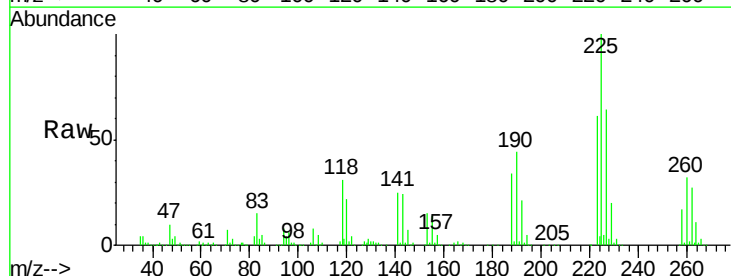
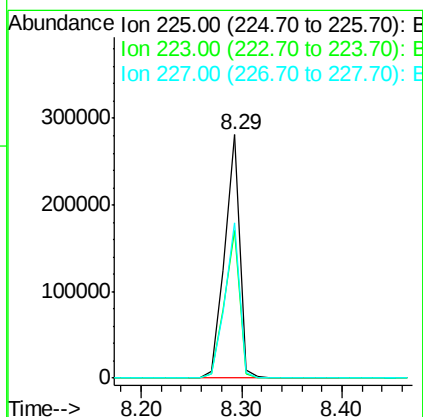
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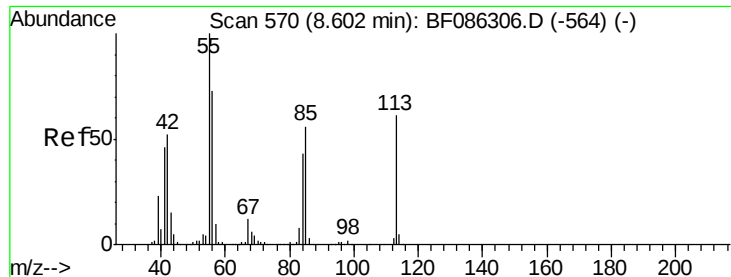
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#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.7	49.4	74.0		
227	63.7	51.1	76.7		





#35

Caprolactam

Concen: 45.81 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

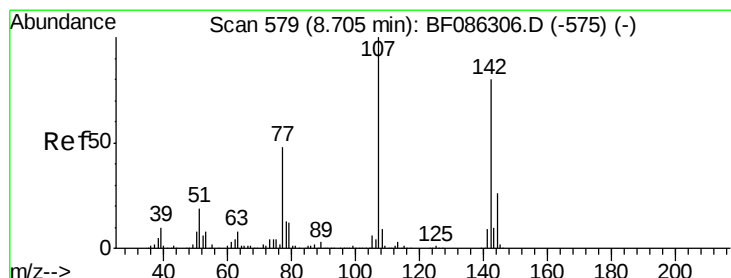
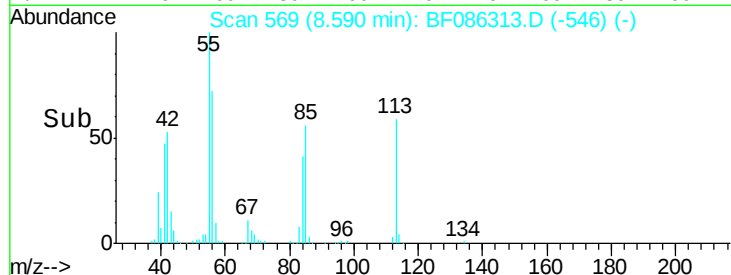
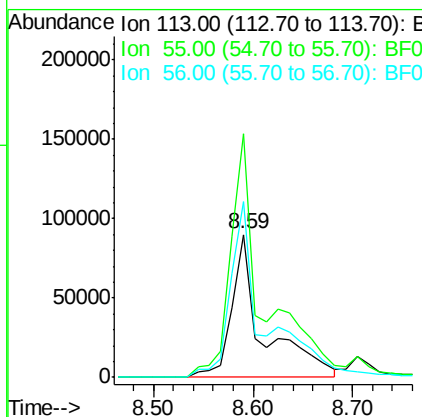
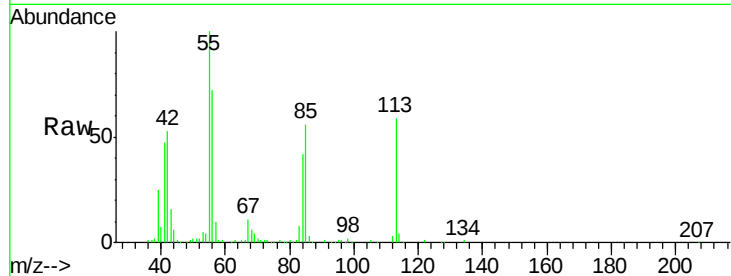
ClientSampleId :

PB89945BS

Tot Ion:	113	Resp:	196773
Ion Ratio	Lower	Upper	
113	100		
55	170.3	117.5	157.5#
56	123.2	82.5	122.5#

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#36

4-Chloro-3-methylphenol

Concen: 43.98 ng/ml

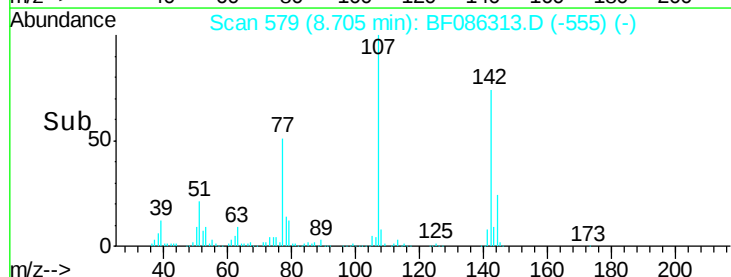
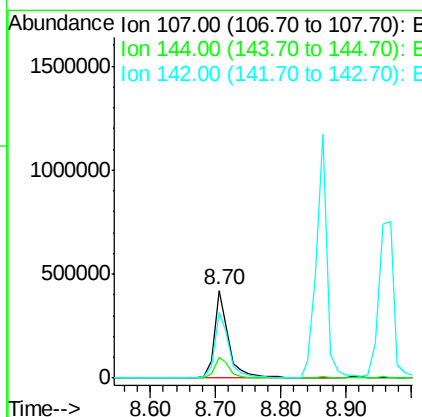
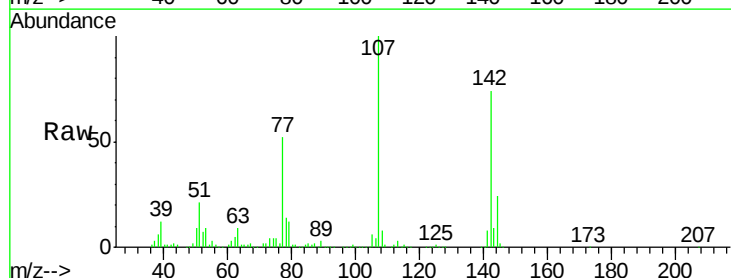
RT: 8.70 min Scan# 579

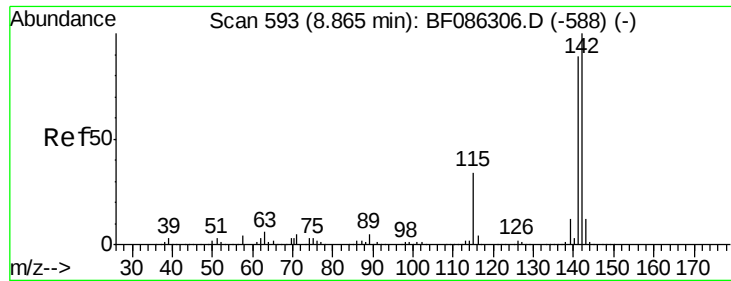
Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:	107	Resp:	655893
Ion Ratio	Lower	Upper	
107	100		
144	24.0	20.7	31.1
142	74.3	64.5	96.7





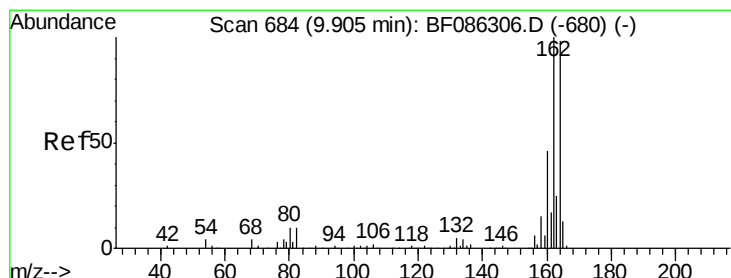
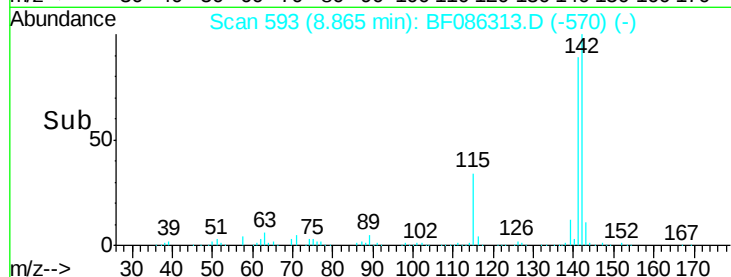
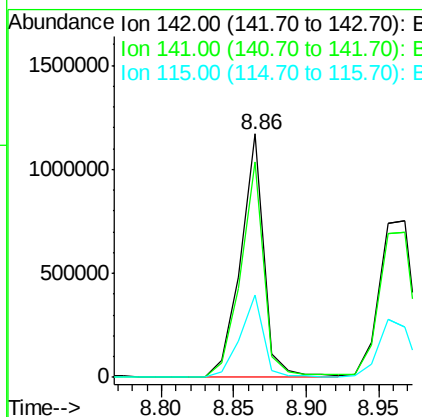
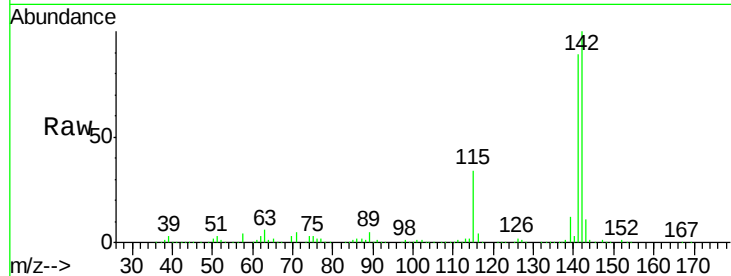
#37
2-Methylnaphthalene
Concen: 43.37 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	33.9	25.1	37.7

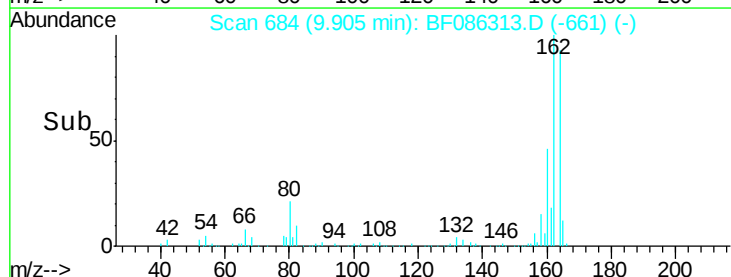
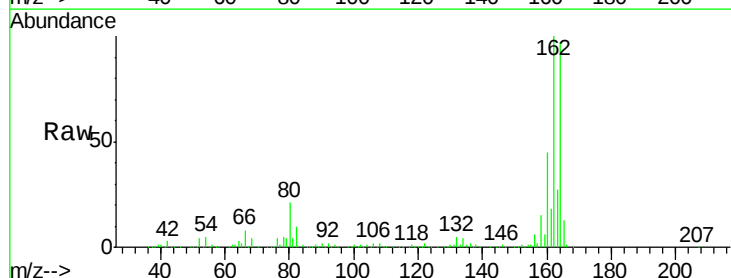
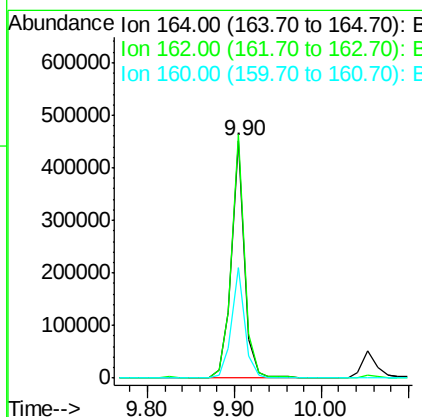
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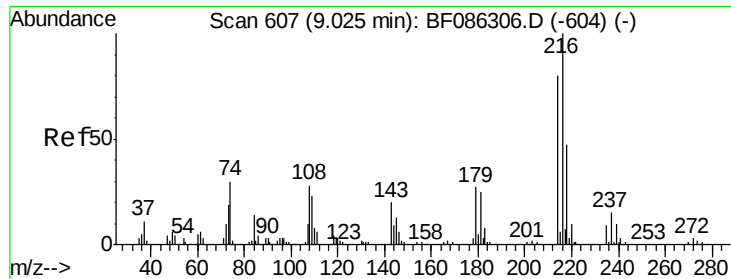
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.5	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.00 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

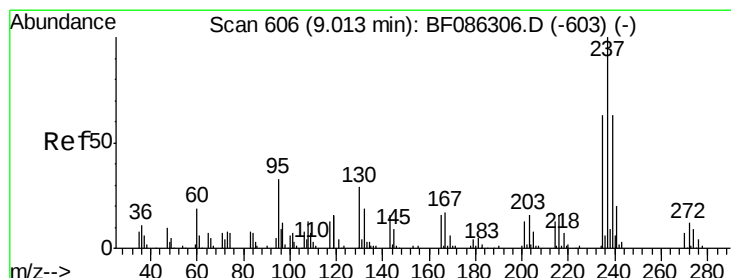
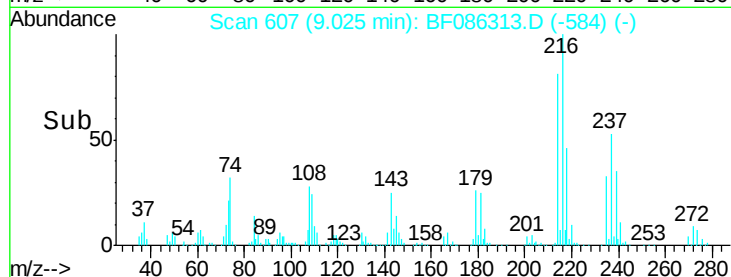
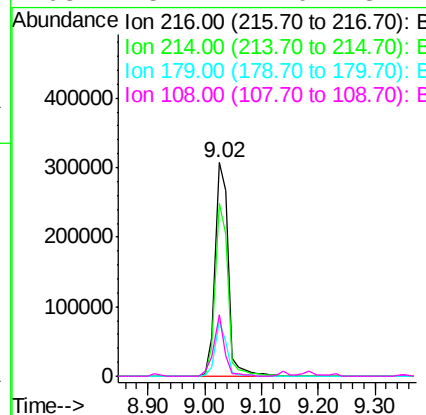
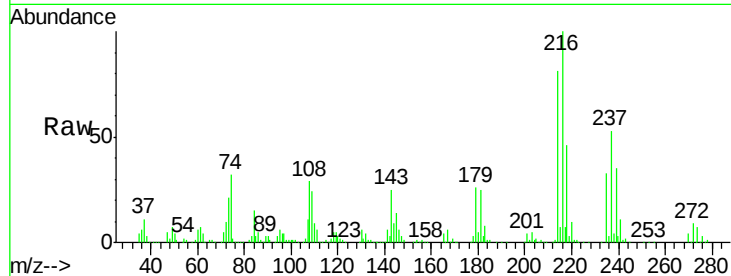
ClientSampleId :

PB89945BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		479601		
214	78.7		64.9	97.3	
179	22.7		19.8	29.6	
108	23.7		21.0	31.4	

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#40

Hexachlorocyclopentadiene

Concen: 119.65 ng

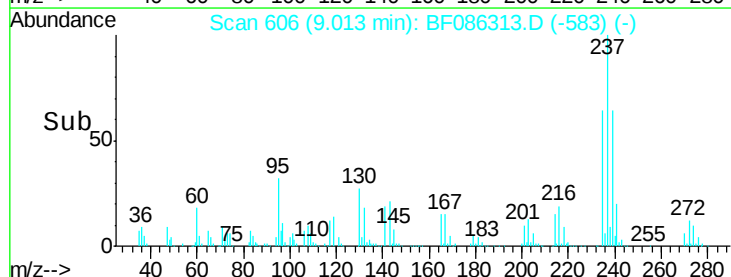
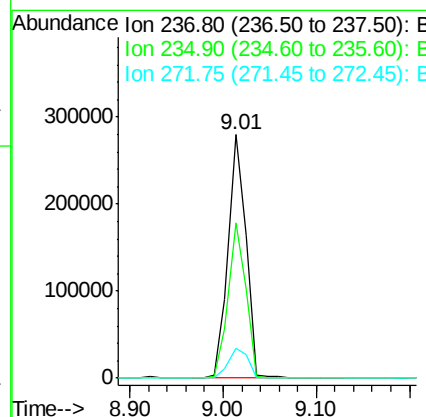
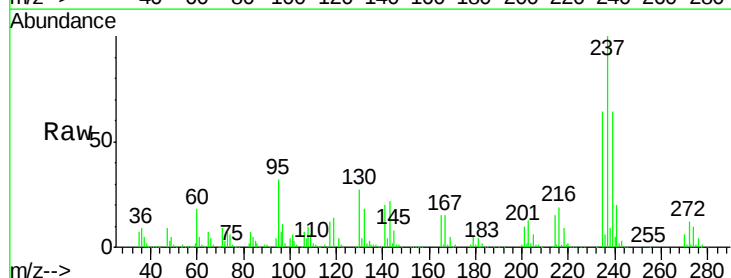
RT: 9.01 min Scan# 606

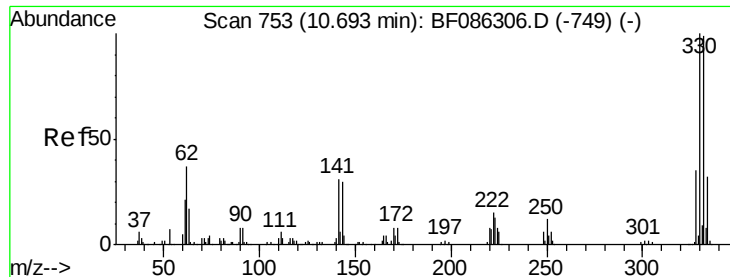
Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		373903		
235	63.6		44.0	84.0	
272	12.1		0.0	32.4	





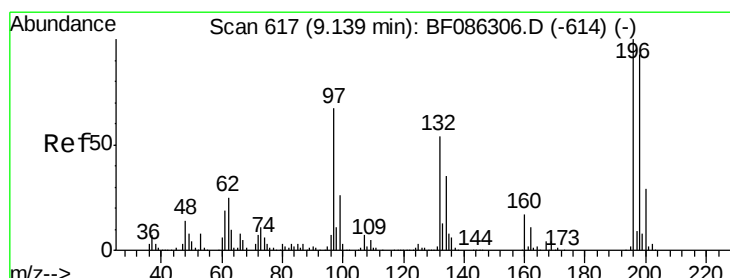
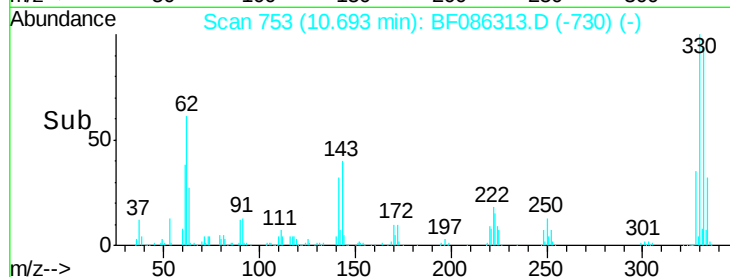
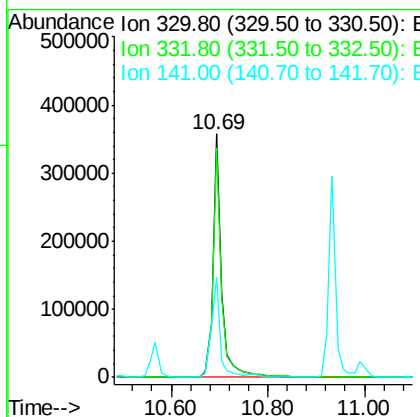
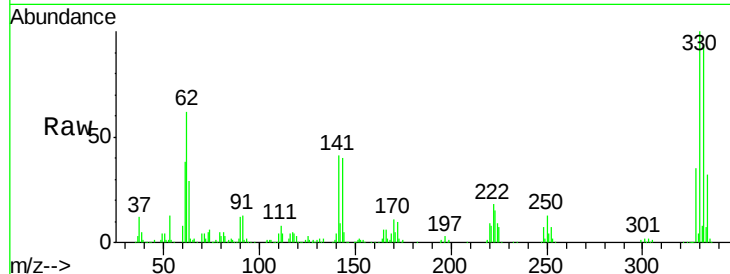
#41
 2,4,6-Tribromophenol
 Concen: 124.41 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	78.7	118.1	
141	40.5	28.6	42.8	

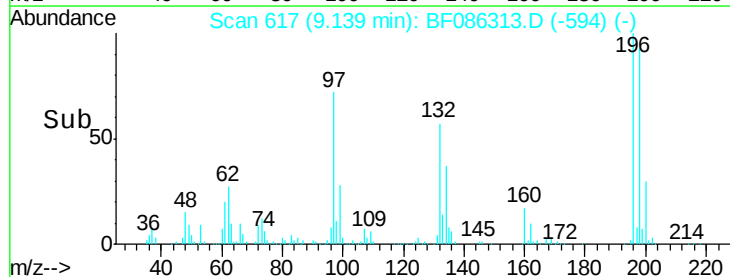
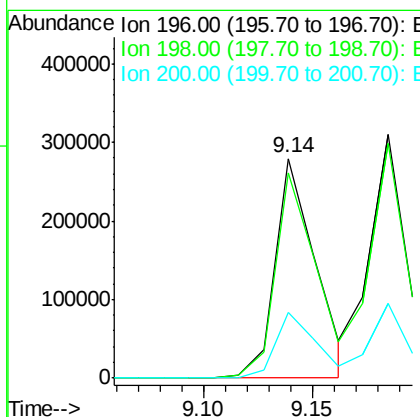
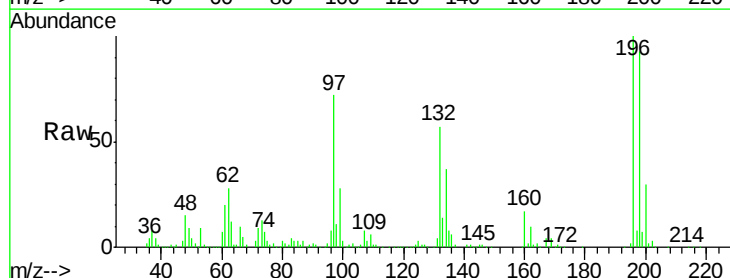
Manual Integrations
 APPROVED

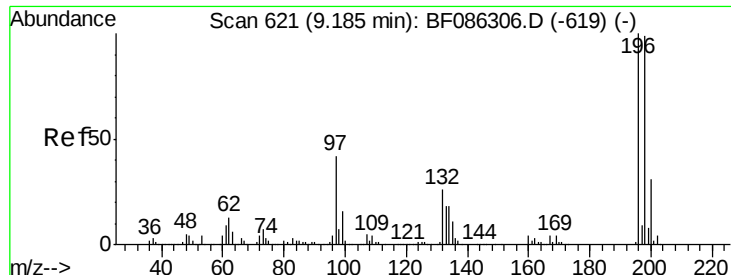
sohil
 4/21/2016 7:10:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.3	76.6	115.0	
200	30.1	25.3	37.9	





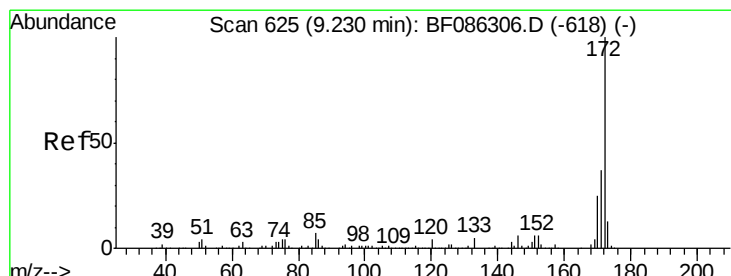
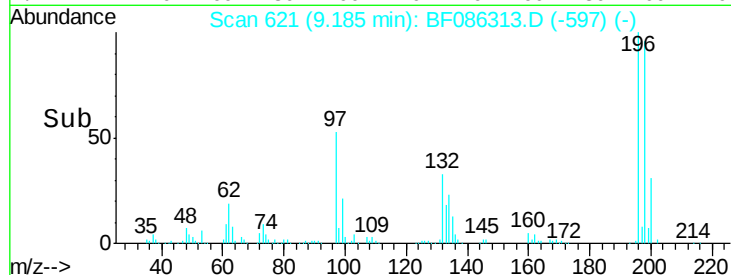
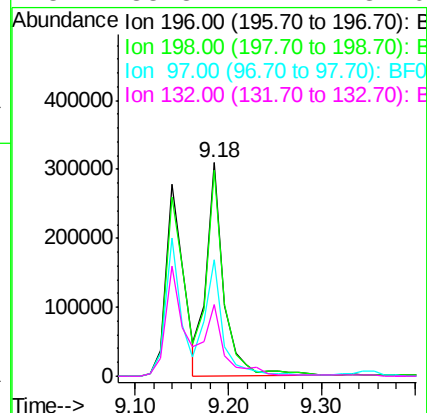
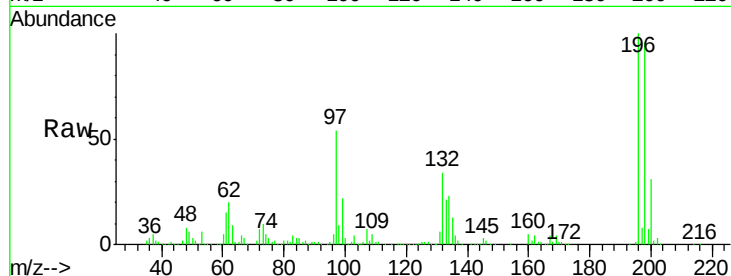
#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	401863		
198	96.2	77.7	116.5	
97	54.3	32.6	48.8	
132	33.8	21.4	32.0	

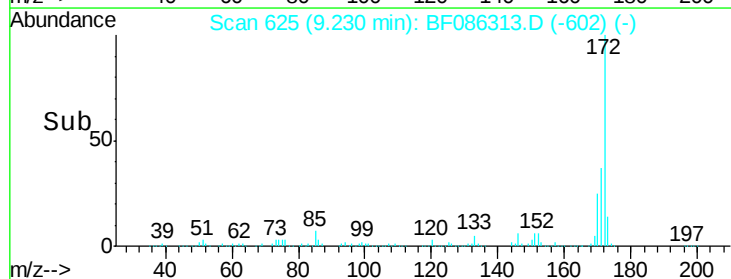
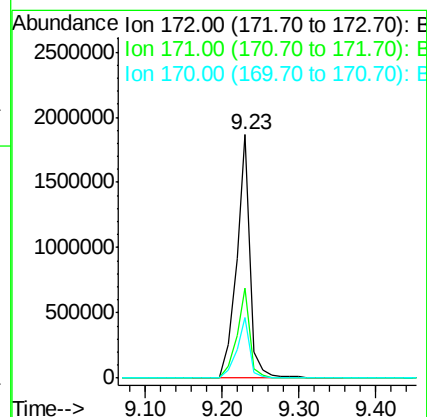
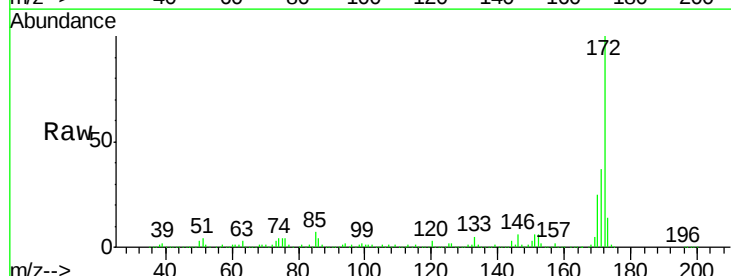
Manual Integrations
 APPROVED

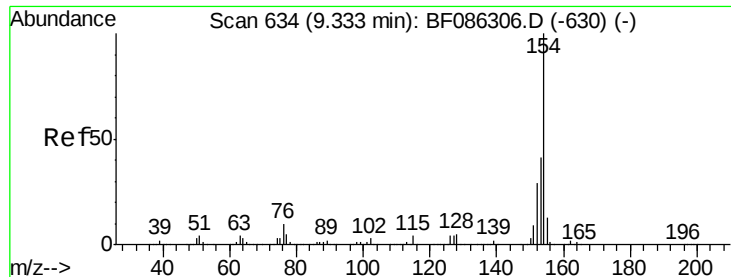
sohil
 4/21/2016 7:10:05 PM



#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2323687		
171	36.8	29.1	43.7	
170	24.8	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 41.21 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampled :

PB89945BS

Tot Ion:154 Resp: 1534545

Ion Ratio Lower Upper

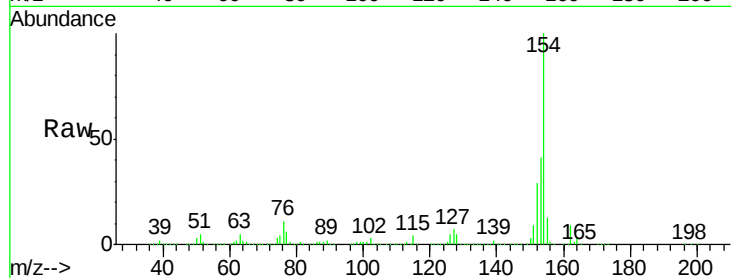
154 100

153 41.0 21.3 61.3

76 11.2 0.0 36.4

Manual Integrations
APPROVED

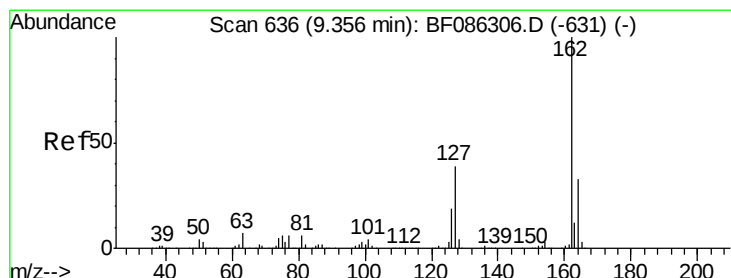
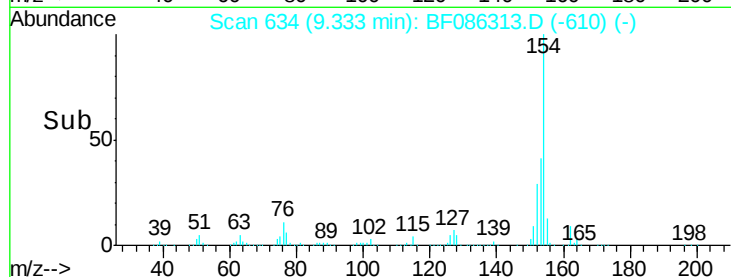
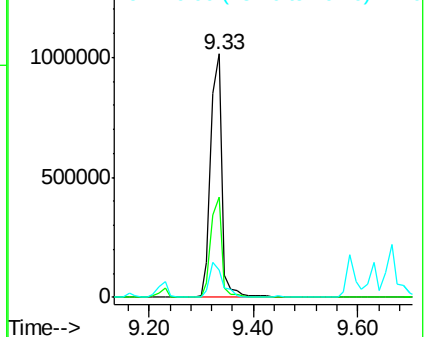
sohil
4/21/2016 7:10:05 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.69 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

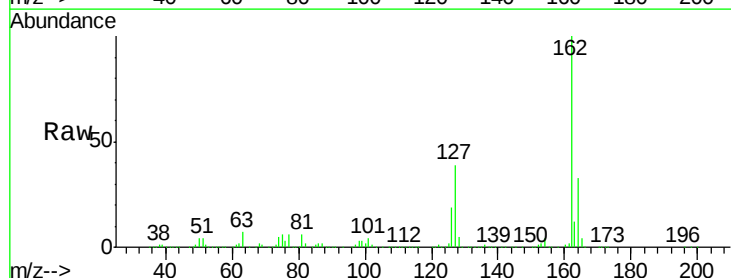
Tgt Ion:162 Resp: 1204808

Ion Ratio Lower Upper

162 100

127 39.3 36.7 55.1

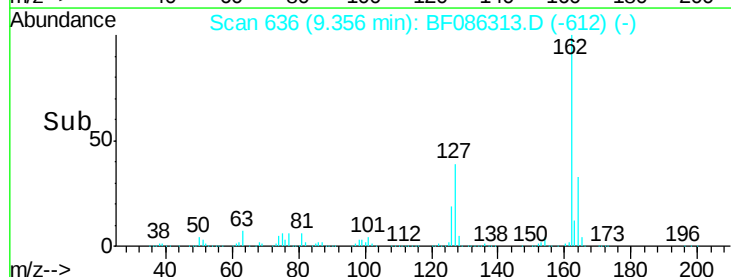
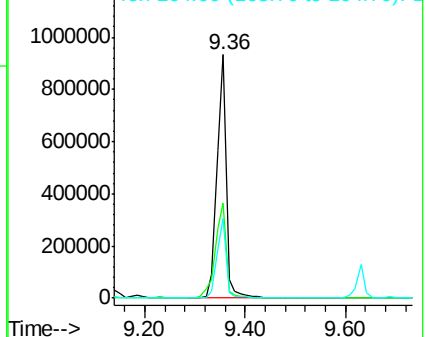
164 32.9 26.4 39.6

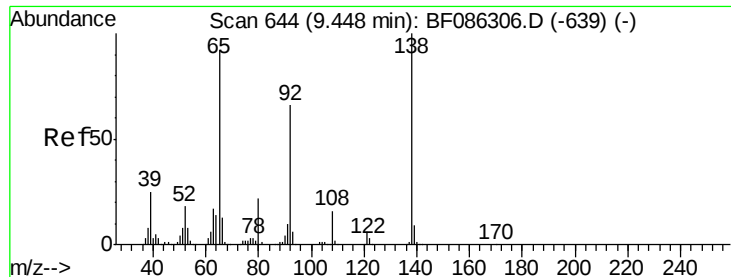


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





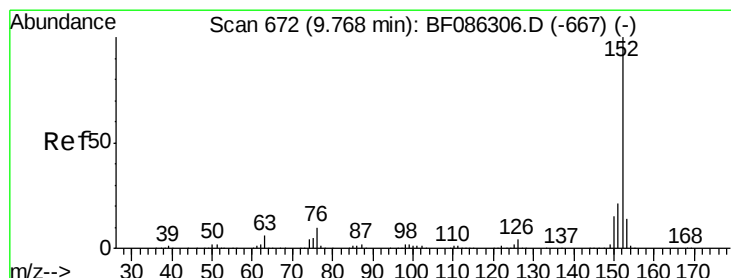
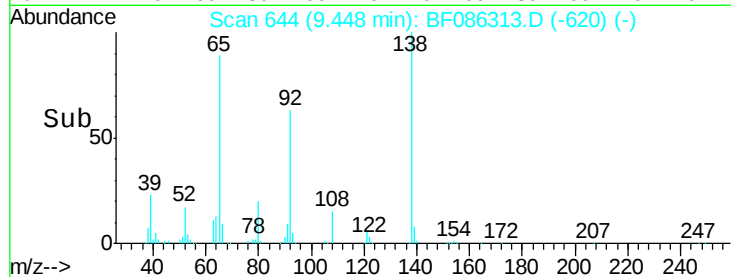
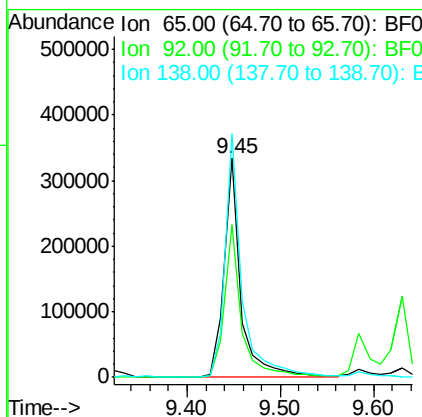
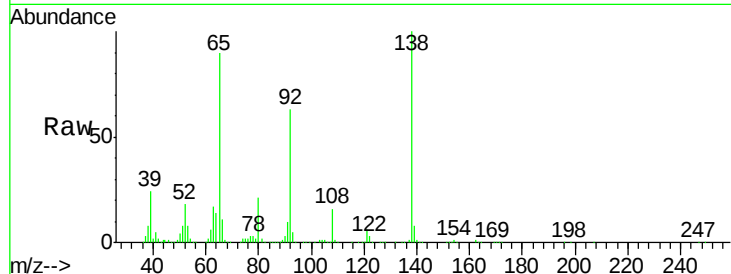
#47
2-Nitroaniline
Concen: 43.90 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	51.9	77.9
138	111.3	72.6	108.8

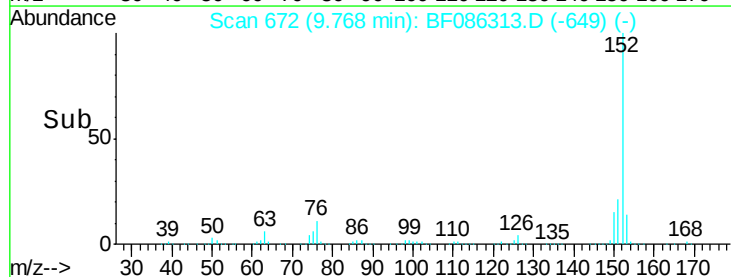
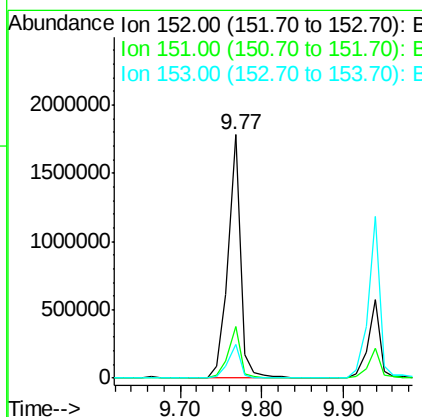
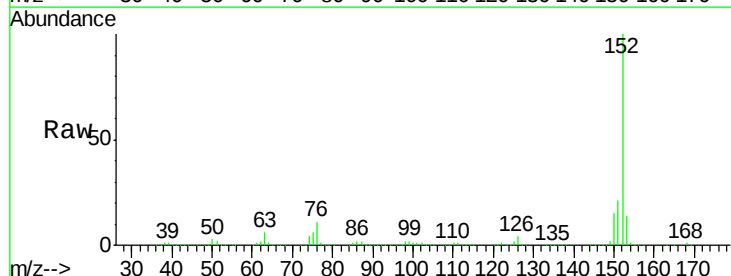
Manual Integrations
APPROVED

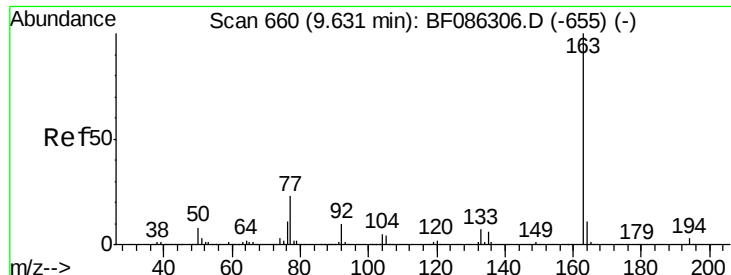
sohil
4/21/2016 7:10:05 PM



#48
Acenaphthylene
Concen: 43.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.8	10.7	16.1





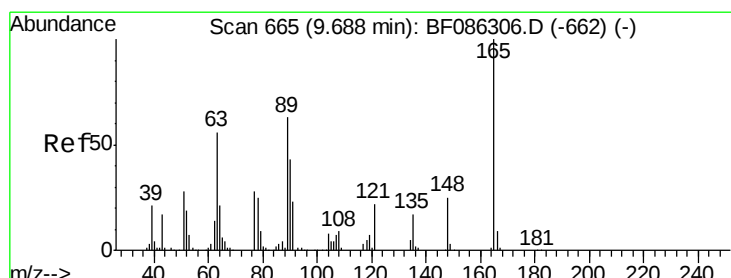
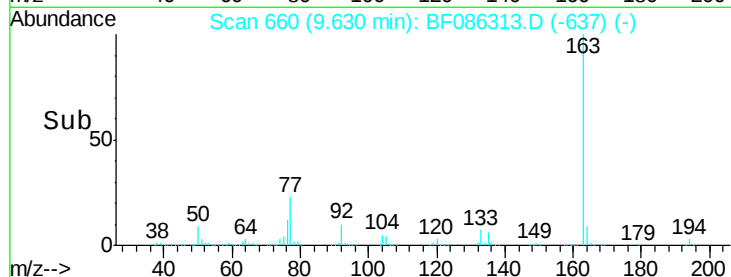
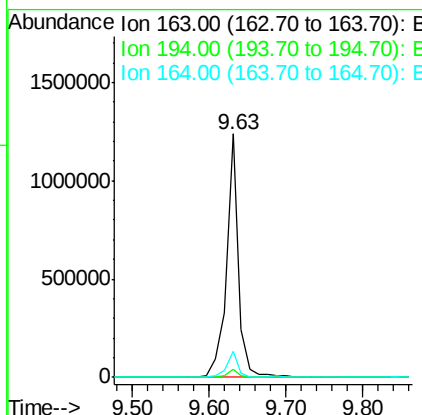
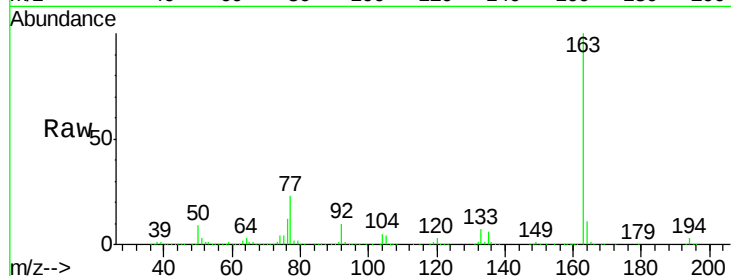
#49
Dimethylphthalate
Concen: 38.21 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.6	8.4	12.6

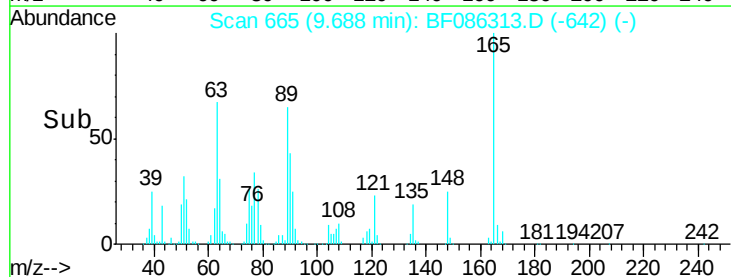
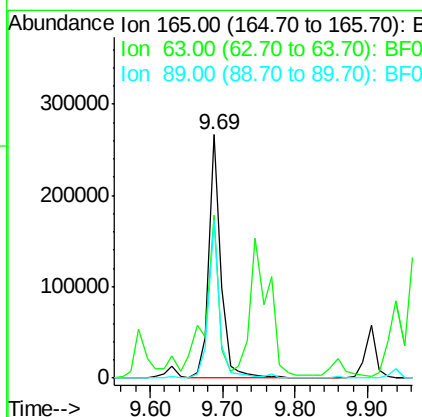
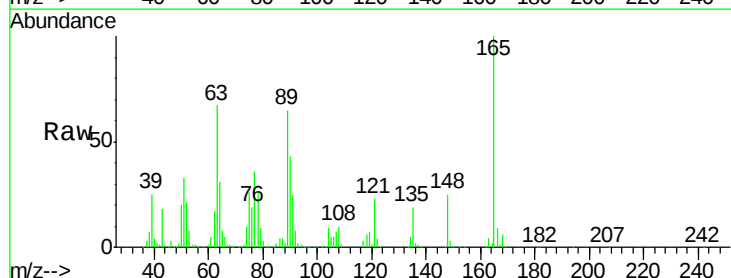
Manual Integrations
APPROVED

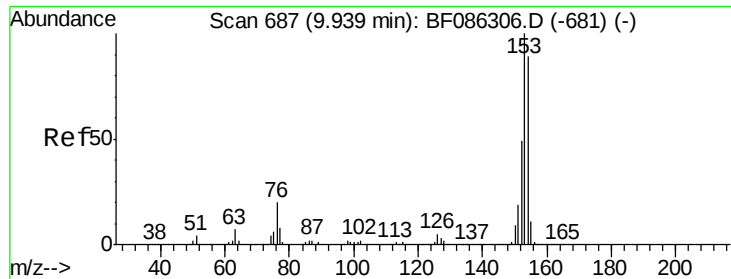
sohil
4/21/2016 7:10:05 PM



#50
2,6-Dinitrotoluene
Concen: 41.41 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.2	35.1	52.7#
89	64.9	39.8	59.6#





#51

Acenaphthene

Concen: 47.04 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tot Ion:154 Resp: 1215981

Ion Ratio Lower Upper

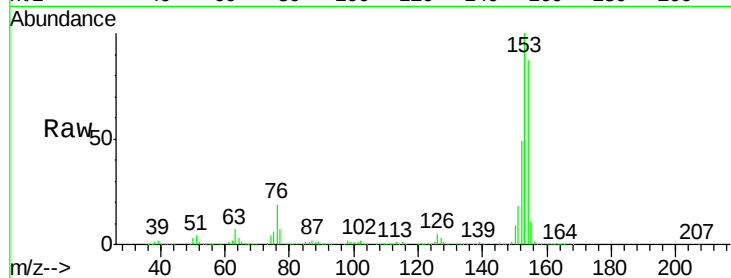
154 100

153 114.4 90.0 135.0

152 56.1 44.3 66.5

Manual Integrations
APPROVED

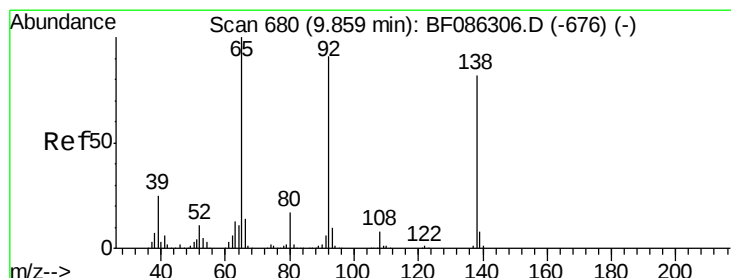
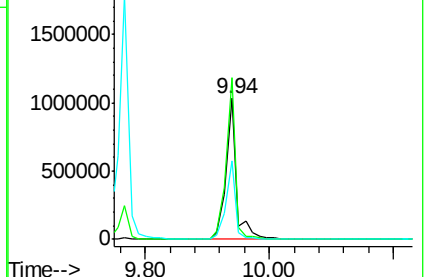
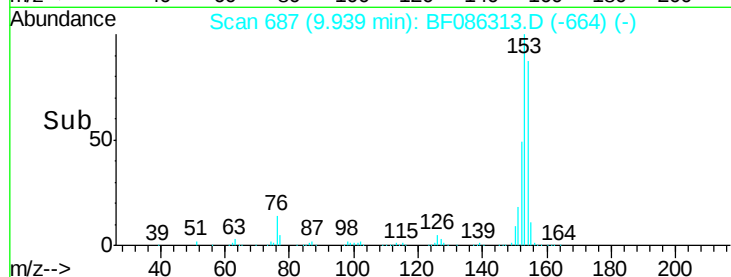
sohil
4/21/2016 7:10:05 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.28 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

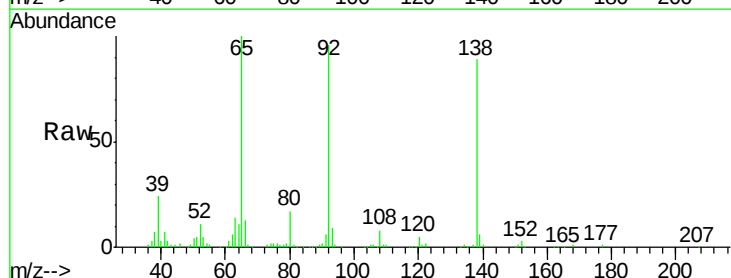
Tgt Ion:138 Resp: 191594

Ion Ratio Lower Upper

138 100

108 9.1 9.0 13.4

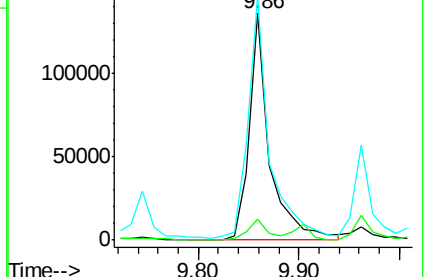
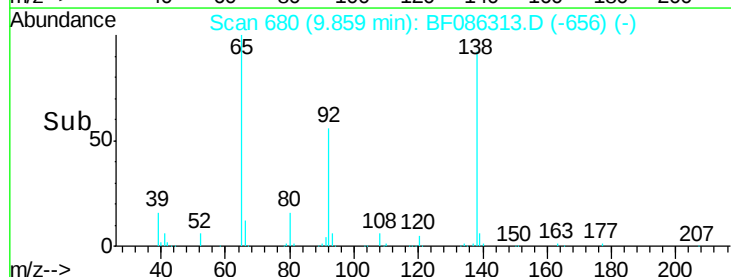
92 107.5 99.3 148.9

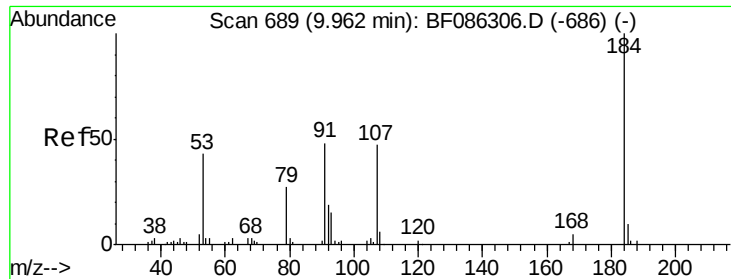


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





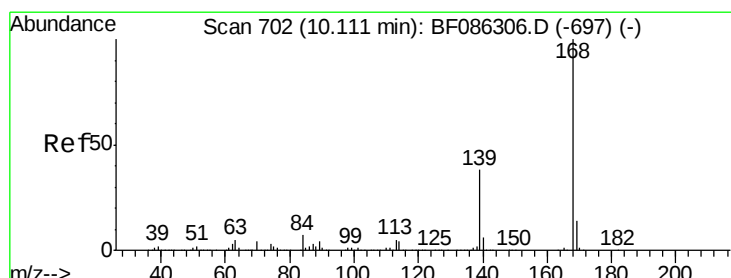
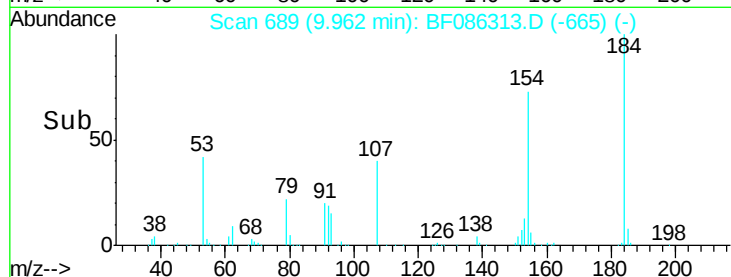
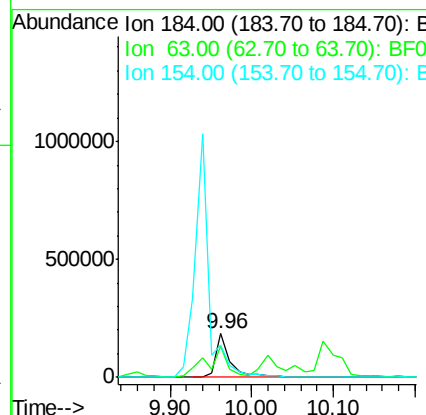
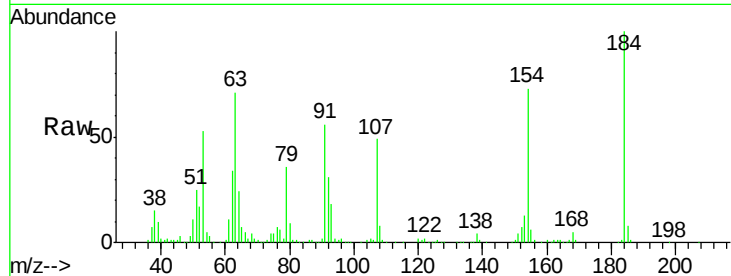
#53
2,4-Dinitrophenol
Concen: 145.05 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampled :
PB89945BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	234066		
63	71.3	64.7	97.1	
154	73.0	59.4	89.2	

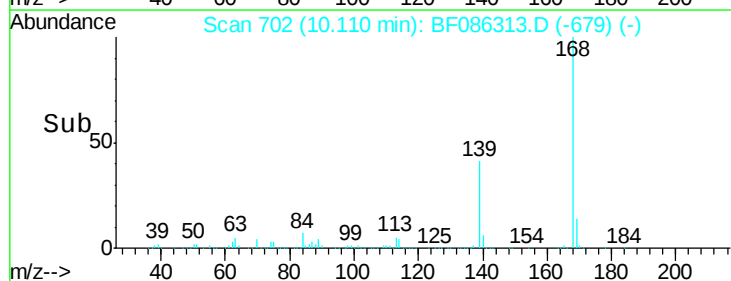
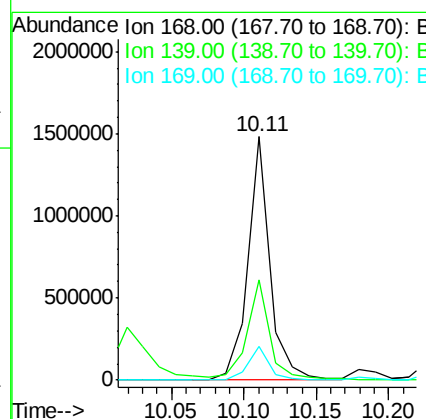
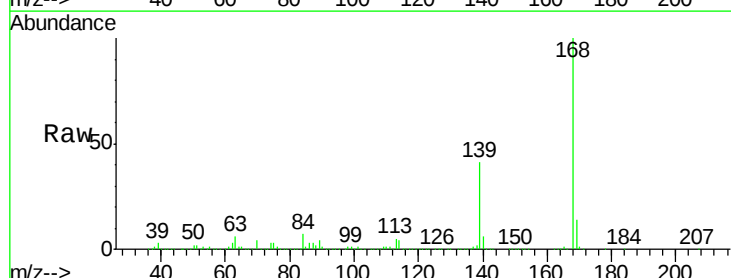
Manual Integrations
APPROVED

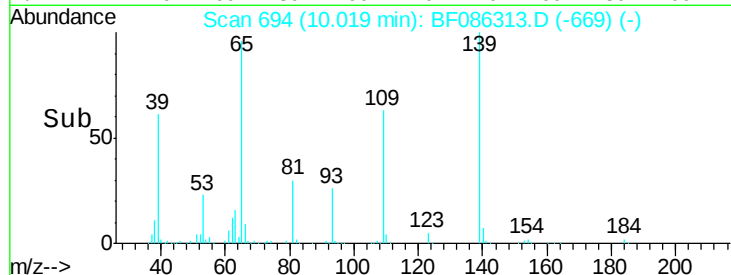
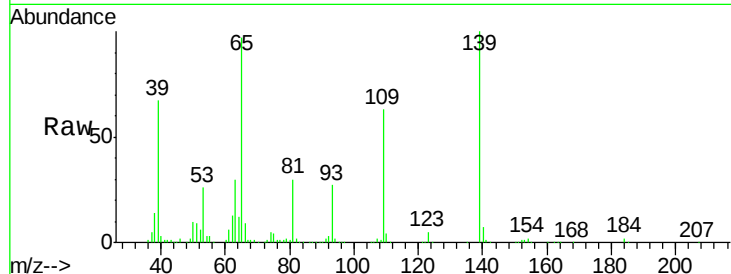
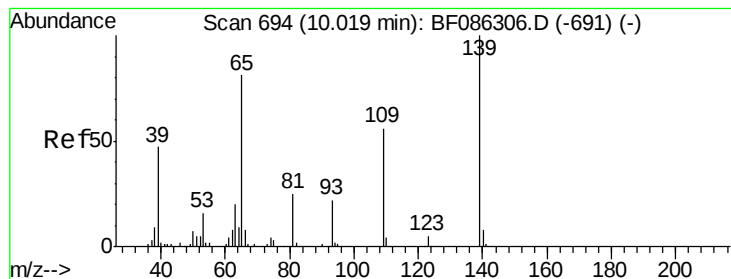
sohil
4/21/2016 7:10:05 PM



#54
Dibenzofuran
Concen: 44.78 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1574110		
139	41.0	29.5	44.3	
169	13.9	10.6	16.0	





#55

4-Nitrophenol

Concen: 88.71 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tot Ion:	139	Resp:	519659
Ion Ratio	Lower	Upper	
139	100		
109	63.3	55.0	95.0
65	97.1	87.3	127.3

Instrument :

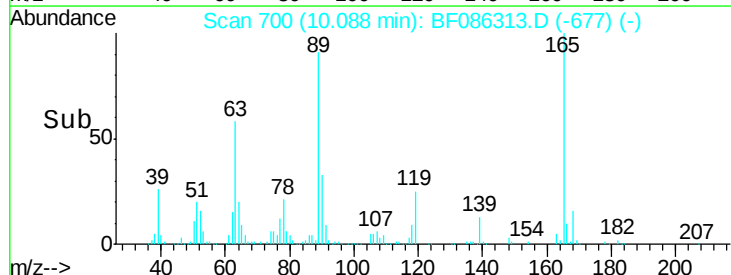
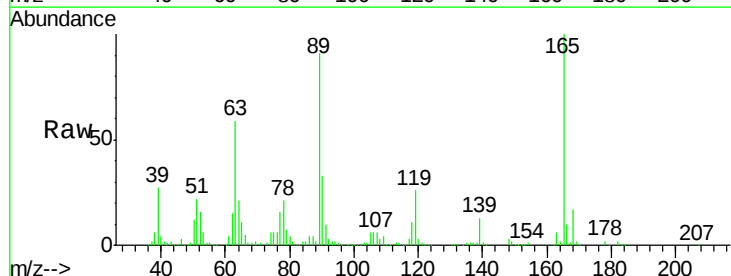
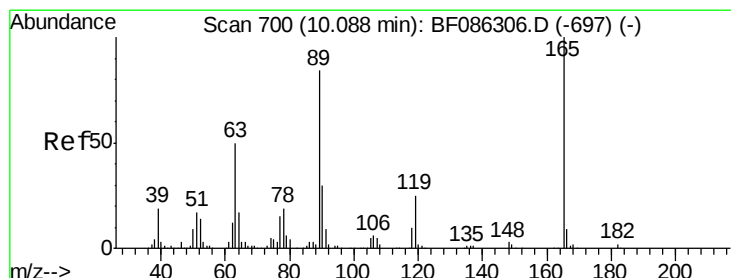
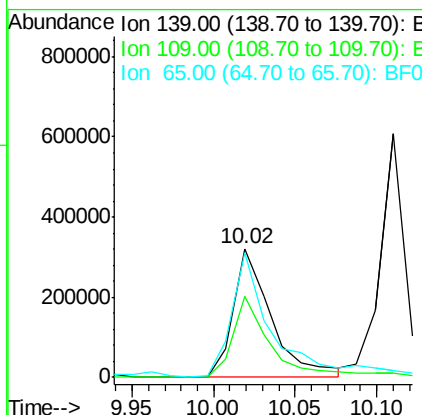
BNA_F

ClientSampleId :

PB89945BS

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 44.21 ng

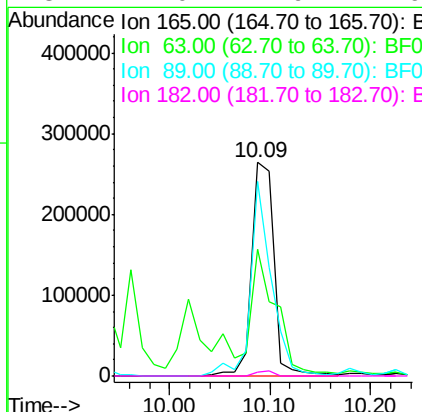
RT: 10.09 min Scan# 700

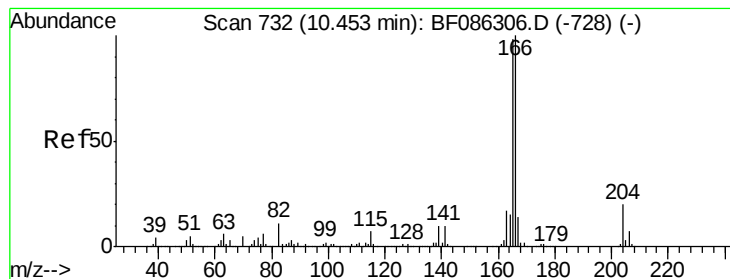
Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:	165	Resp:	408200
Ion Ratio	Lower	Upper	
165	100		
63	59.2	26.6	40.0#
89	90.9	49.5	74.3#
182	2.0	1.9	2.9





#57

Fluorene

Concen: 43.66 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampled :

PB89945BS

Tot Ion:166 Resp: 1137273

Ion Ratio Lower Upper

166 100

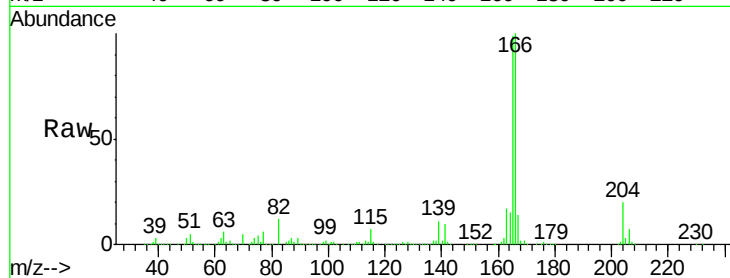
165 99.1 78.6 117.8

167 13.7 10.4 15.6

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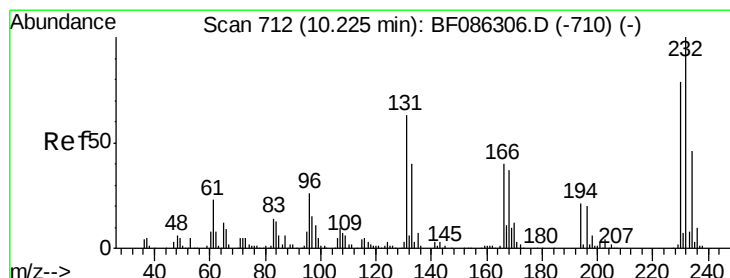
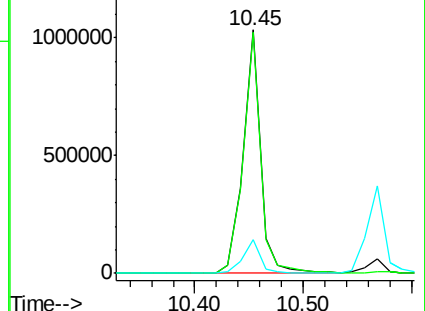
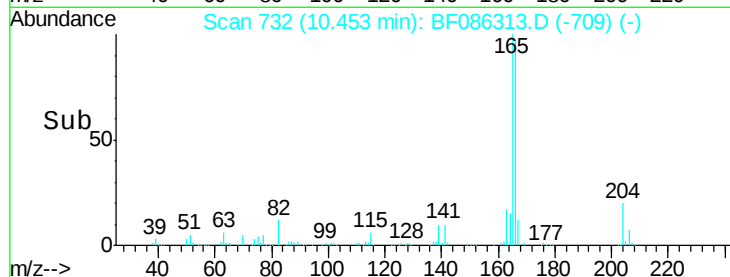
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.78 ng m

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:232 Resp: 280127

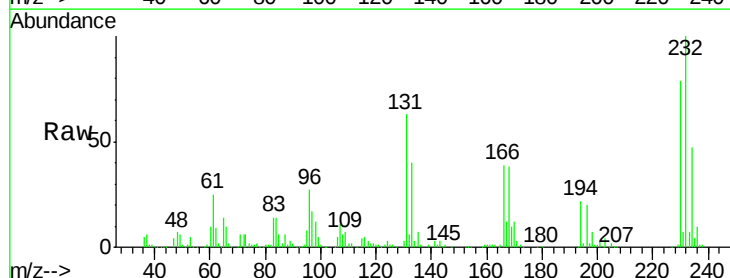
Ion Ratio Lower Upper

232 100

131 59.2 46.6 70.0

130 3.2 2.5 3.7

166 36.8 28.3 42.5

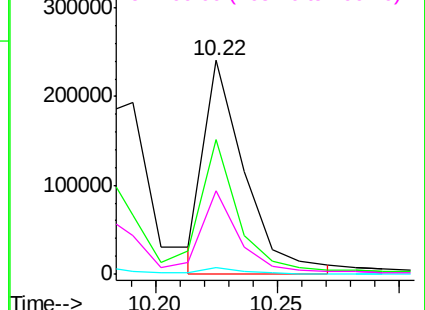
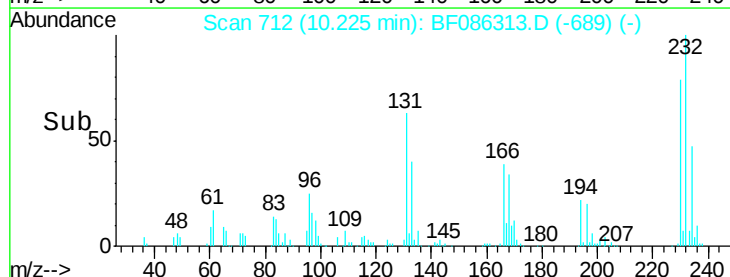


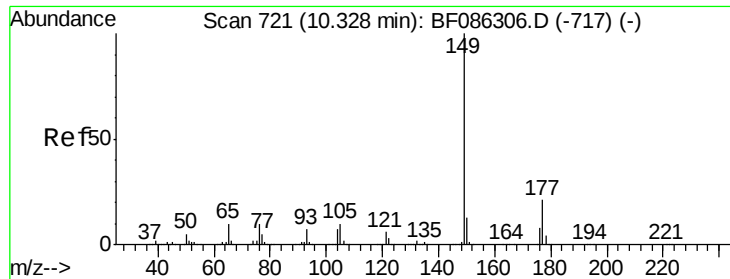
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





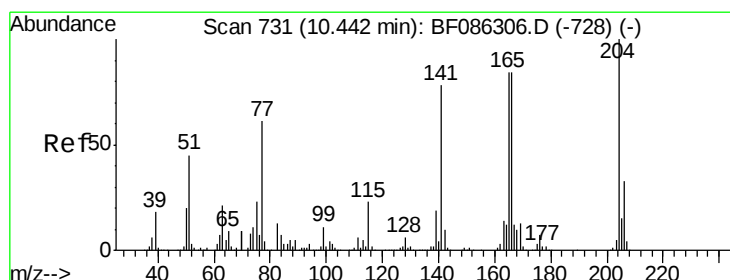
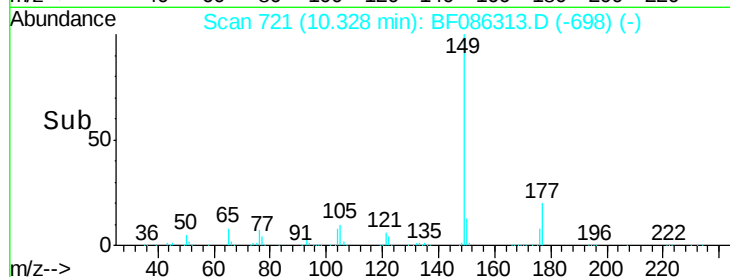
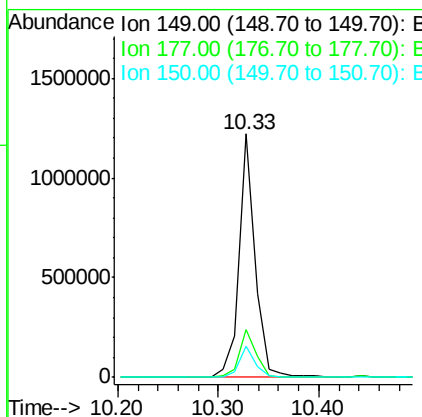
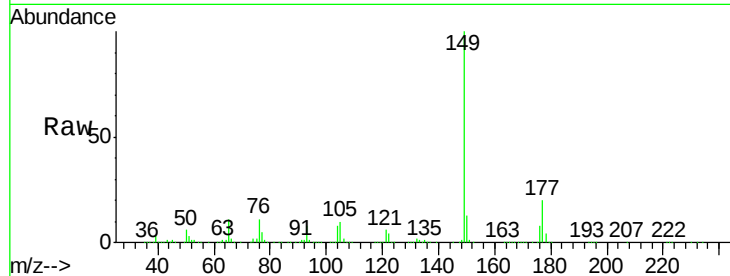
#59
Diethylphthalate
Concen: 38.74 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.0	25.6
150	12.7	10.2	15.4

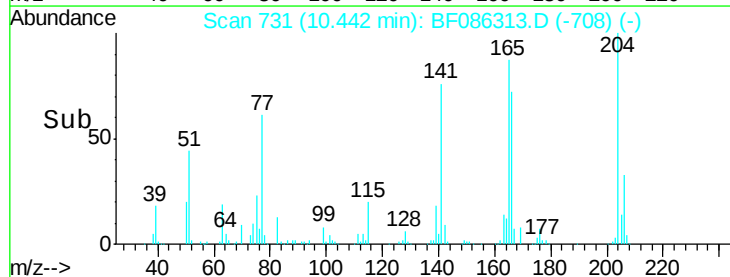
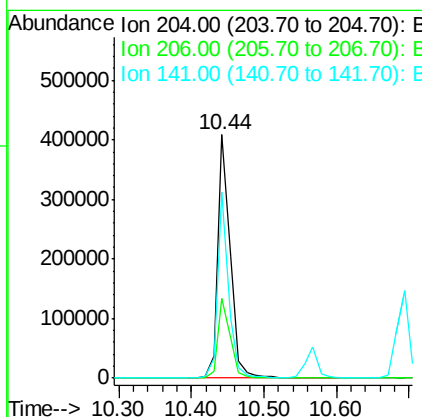
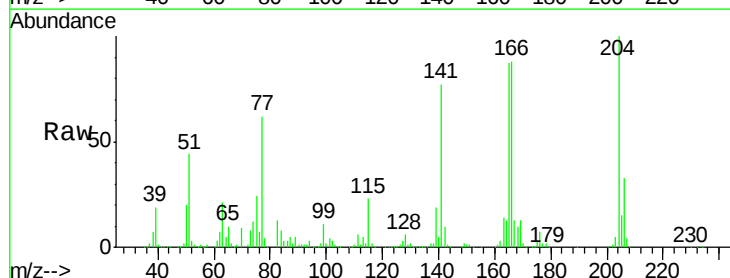
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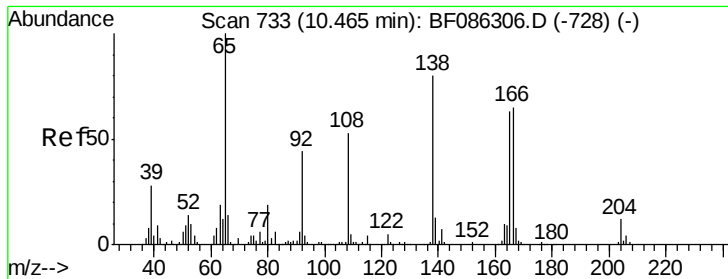
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4/21/2016 7:10:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.18 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	76.6	55.4	83.0





#61

4-Nitroaniline

Concen: 38.07 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

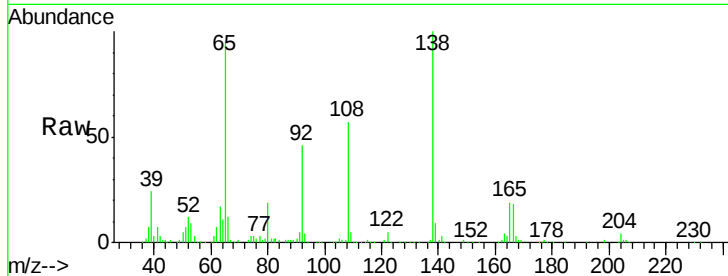
ClientSampled :

PB89945BS

Tot Ion:	138	Resp:	336641
Ion Ratio	Lower	Upper	
138	100		
92	46.3	31.9	71.9
108	57.2	58.7	98.7#

Manual Integrations
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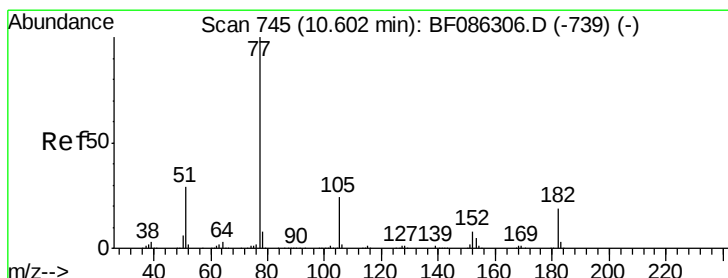
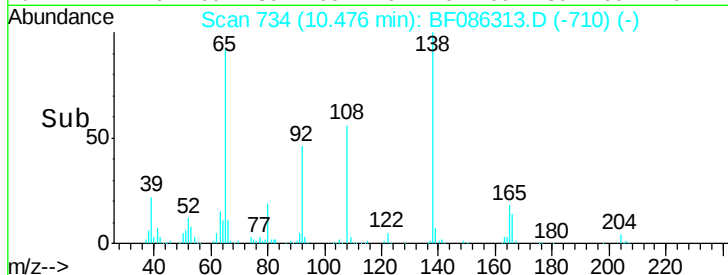
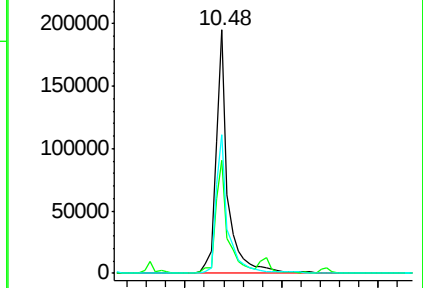
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.75 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

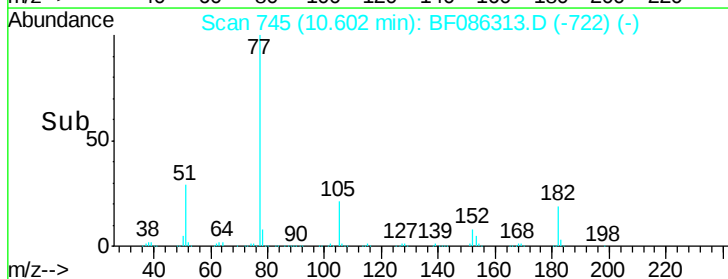
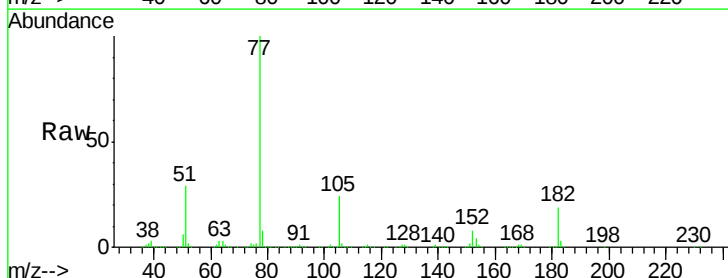
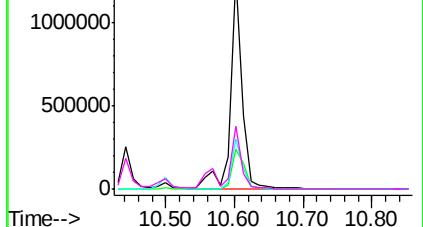
Tgt Ion:	77	Resp:	1519360
Ion Ratio	Lower	Upper	
77	100		
182	18.7	2.3	42.3
105	23.5	3.4	43.4
51	29.3	11.7	51.7

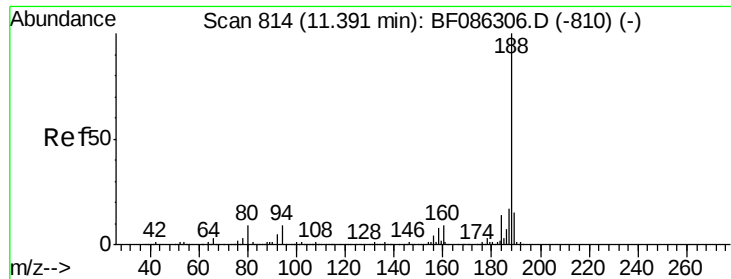
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

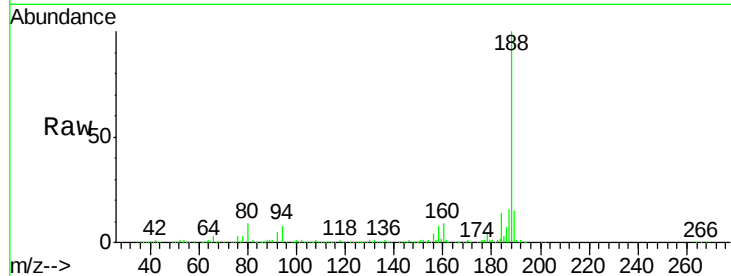
ClientSampleId :

PB89945BS

Tot Ion:	188	Resp:	805892
Ion Ratio	Lower	Upper	
188	100		
94	8.5	9.8	14.8#
80	9.0	10.5	15.7#

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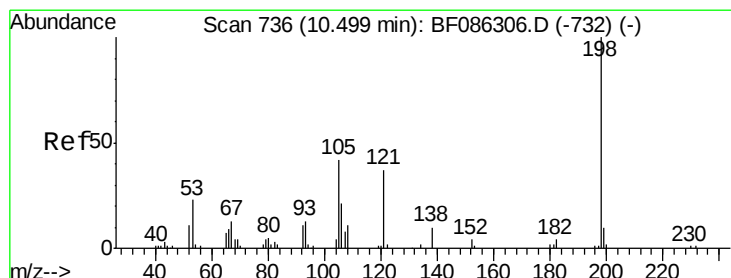
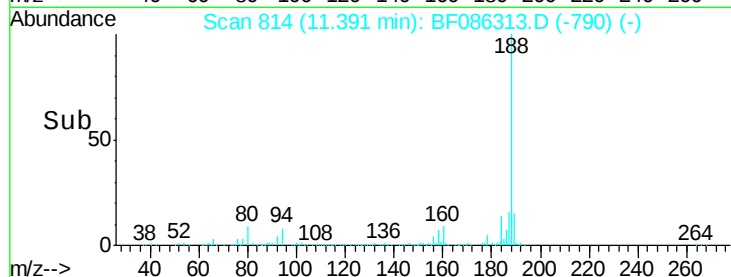
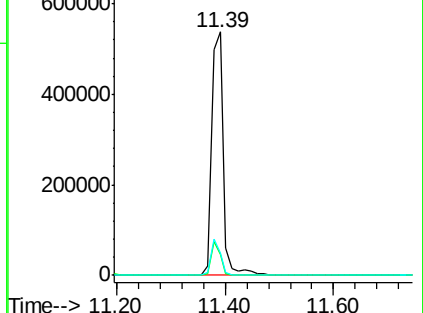
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 63.26 ng

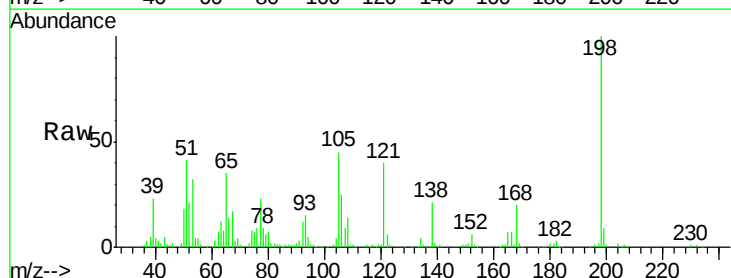
RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

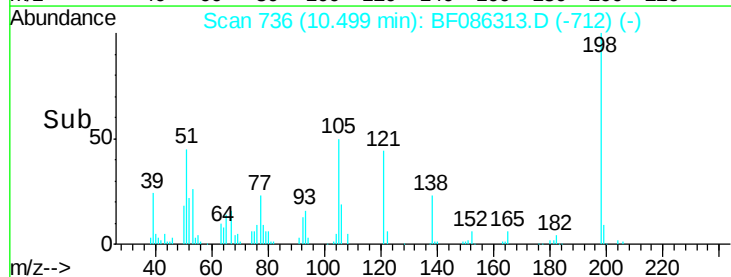
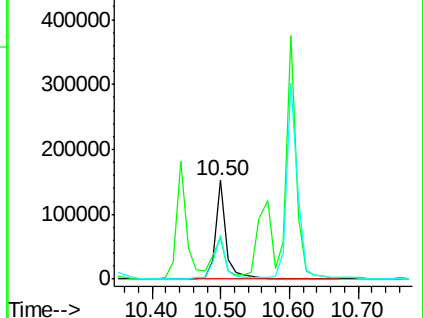
Tgt Ion:	198	Resp:	165900
Ion Ratio	Lower	Upper	
198	100		
51	41.3	56.5	96.5#
105	45.0	48.0	88.0#

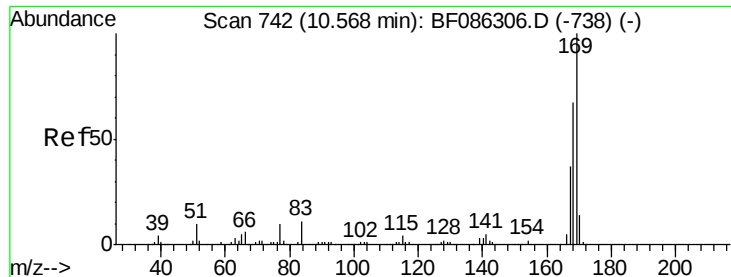


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.22 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tot Ion:169 Resp: 1120901

Ion Ratio Lower Upper

169 100

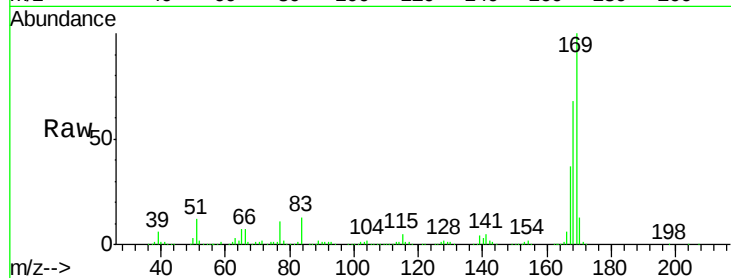
168 67.6 54.3 81.5

167 37.4 30.2 45.2

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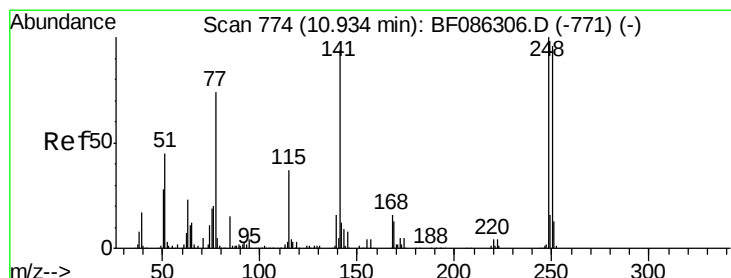
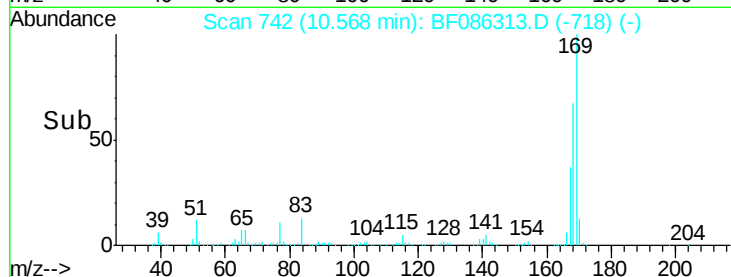
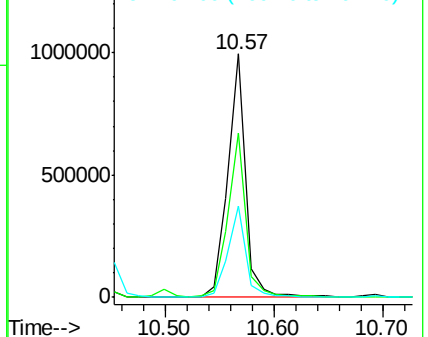
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.17 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

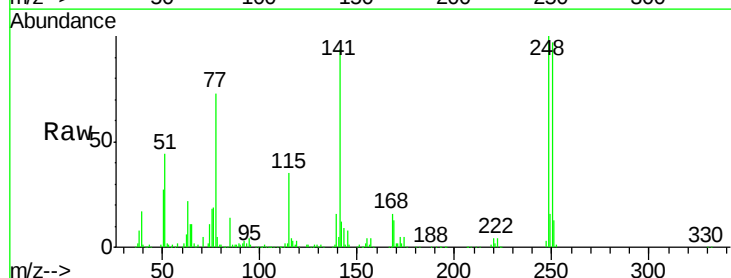
Tgt Ion:248 Resp: 330492

Ion Ratio Lower Upper

248 100

250 97.0 78.6 118.0

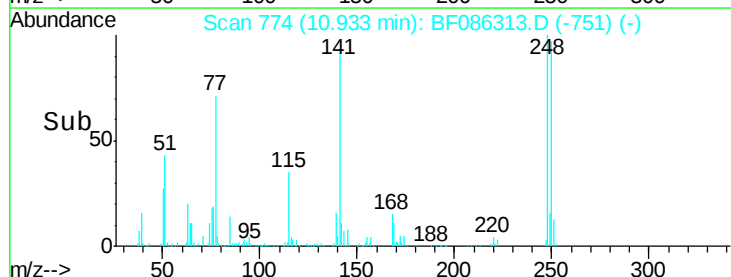
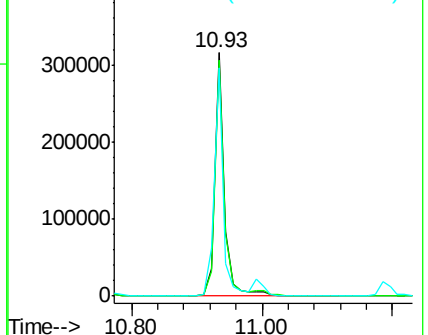
141 93.8 57.9 86.9#

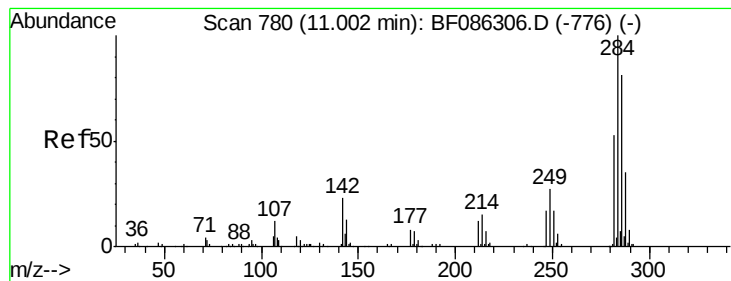


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.87 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

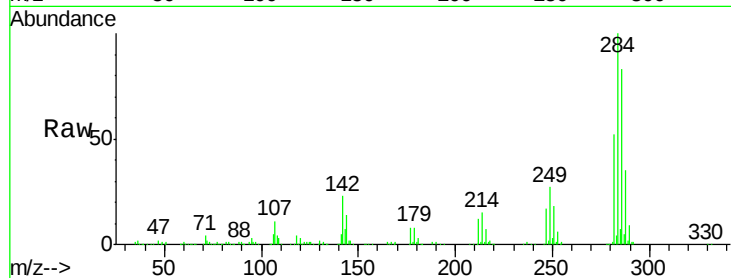
ClientSampleId :

PB89945BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	346509		
142	23.1	42.6	64.0#	
249	27.5	25.9	38.9	

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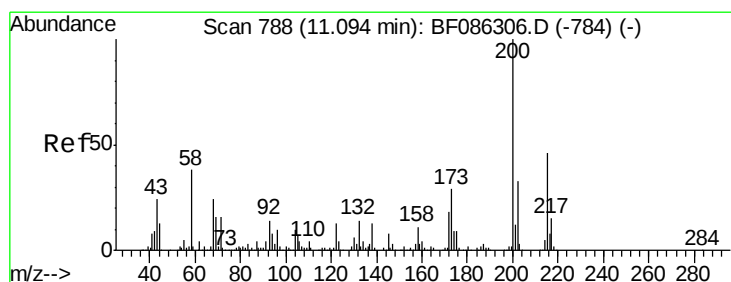
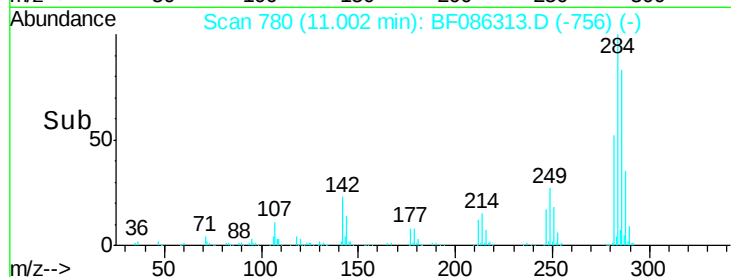
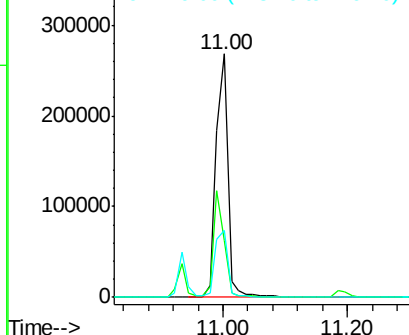
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.46 ng

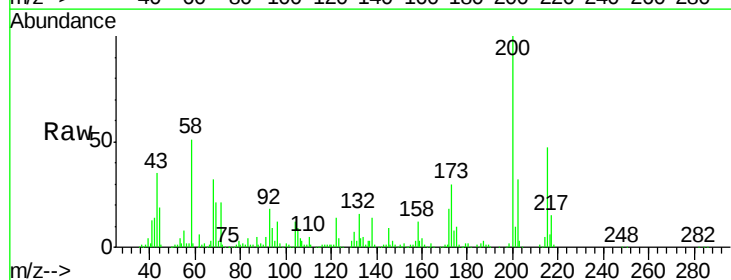
RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

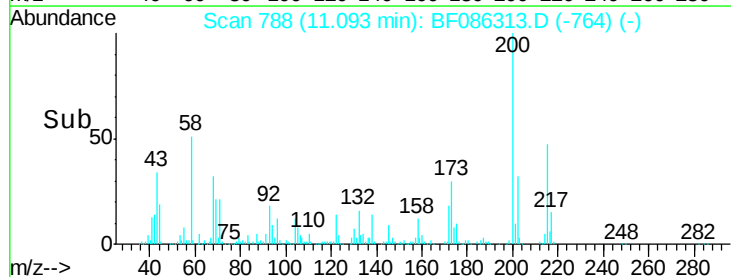
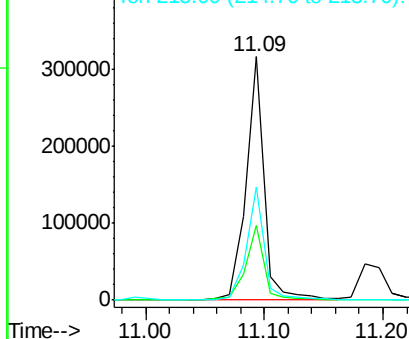
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	338359		
173	30.4	11.2	51.2	
215	46.6	24.0	64.0	

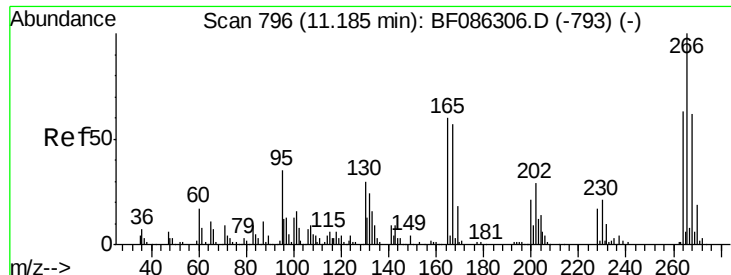


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





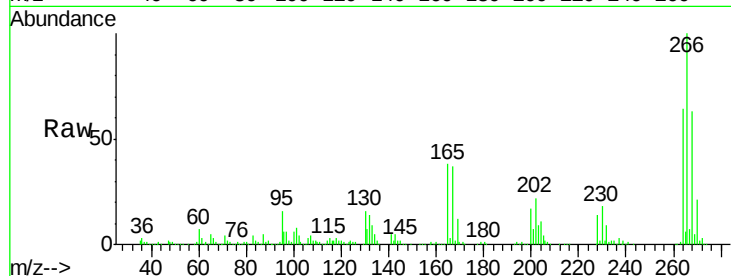
#69
 Pentachlorophenol
 Concen: 85.83 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

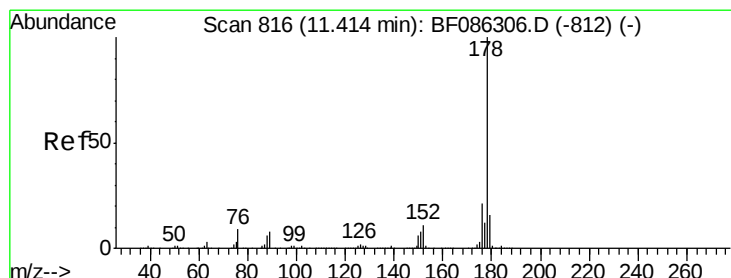
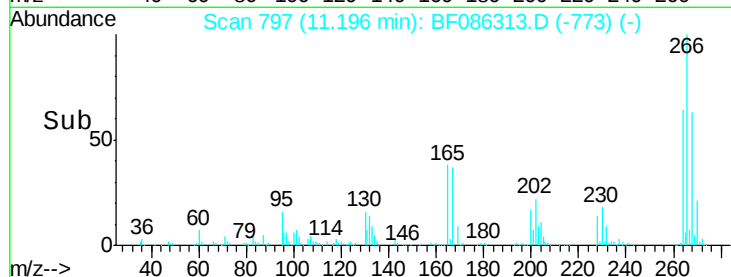
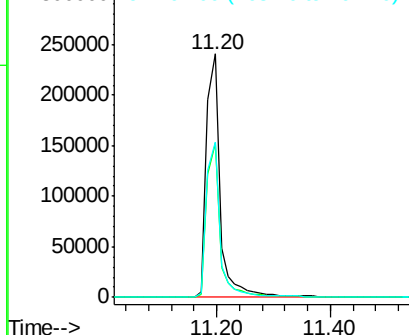
Tot Ion	Ratio	Resp	Lower	Upper
266	100	390768		
268	63.4	53.0	79.4	
264	63.6	51.3	76.9	

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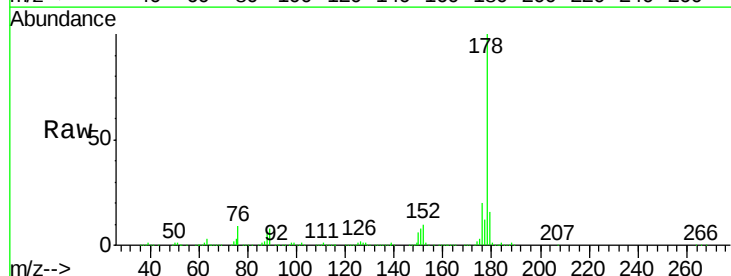


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

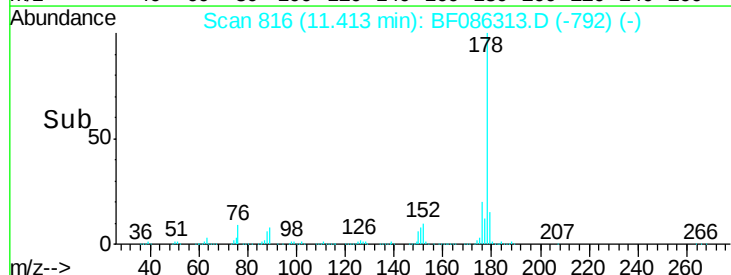
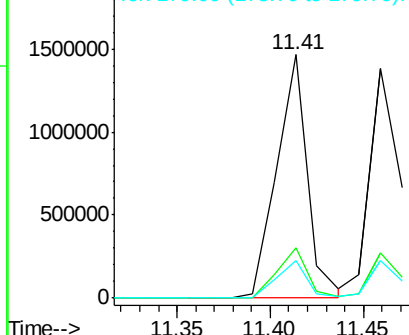


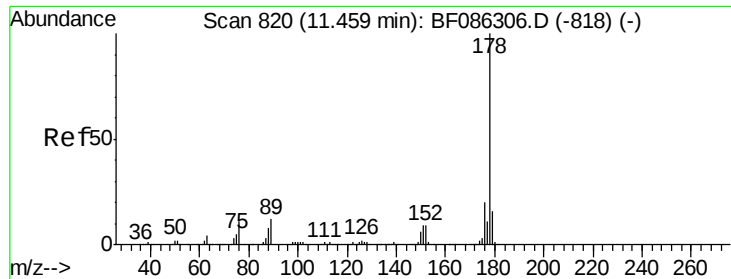
#70
 Phenanthrene
 Concen: 43.82 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1673482		
176	20.4	16.3	24.5	
179	15.6	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 41.01 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

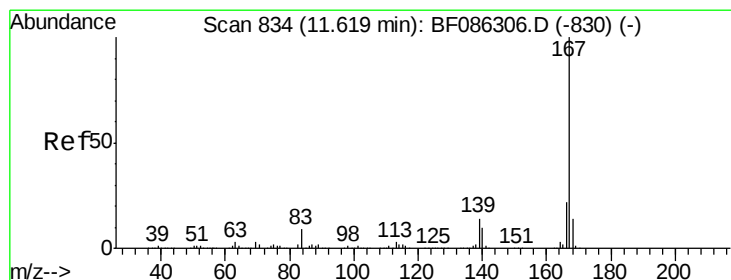
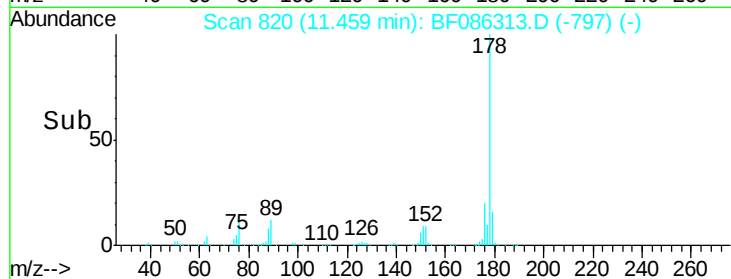
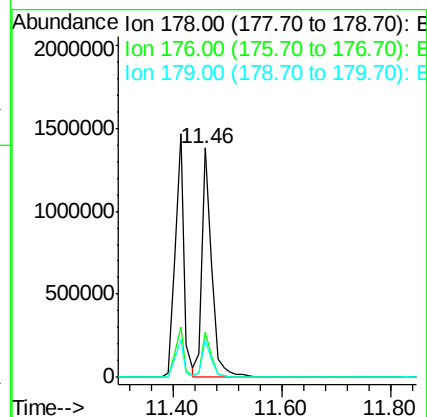
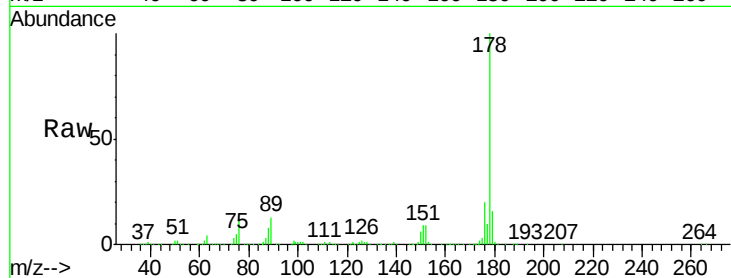
Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion:178 Resp: 1677276

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	16.3	13.2	19.8

Manual Integrations
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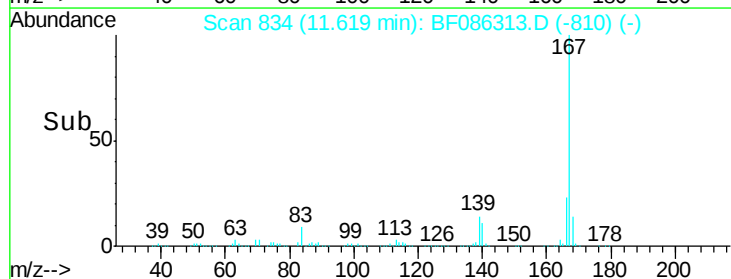
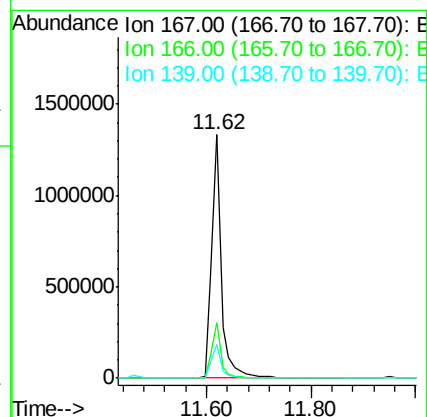
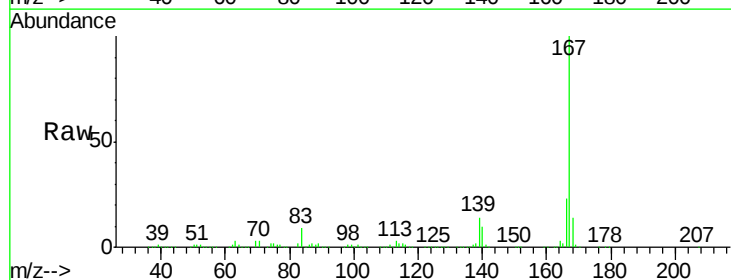
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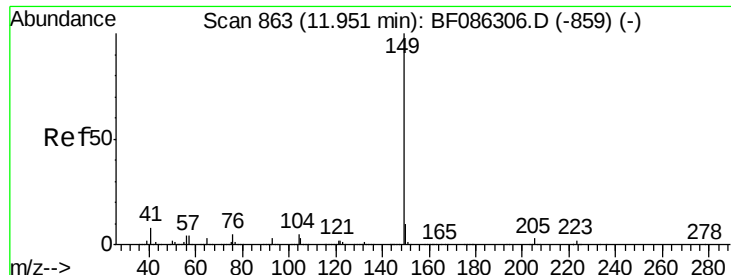


#72
 Carbazole
 Concen: 43.77 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:167 Resp: 1694096

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.3	27.5
139	14.0	12.3	18.5





#73

Di-n-butylphthalate

Concen: 40.61 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampled :

PB89945BS

Tot Ion:149 Resp: 2023561

Ion Ratio Lower Upper

149 100

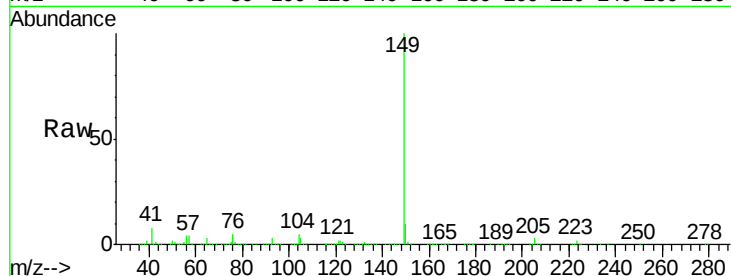
150 9.6 7.8 11.8

104 5.1 4.1 6.1

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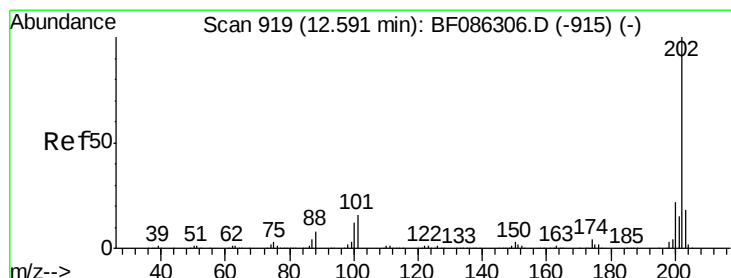
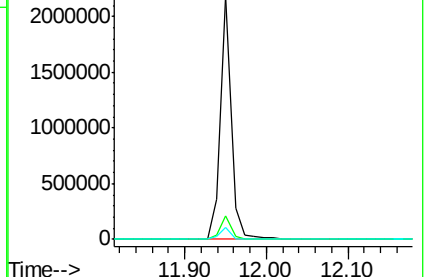
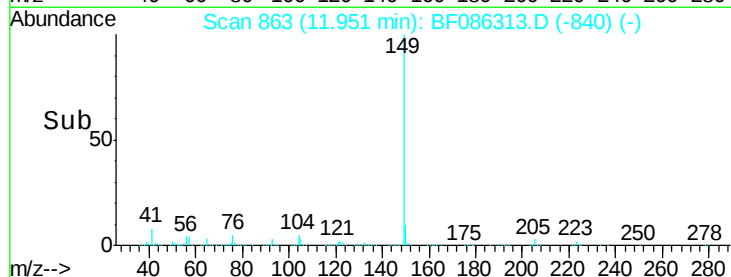
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.05 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

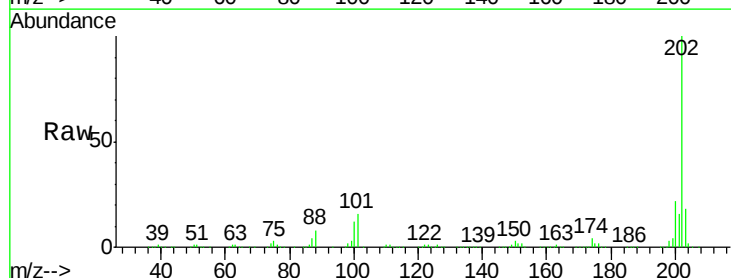
Tgt Ion:202 Resp: 1453654

Ion Ratio Lower Upper

202 100

101 16.2 0.0 35.2

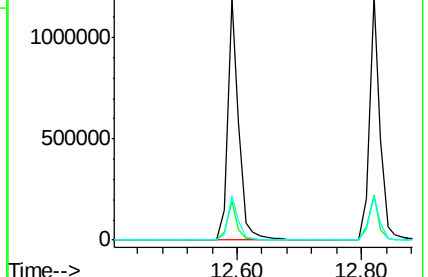
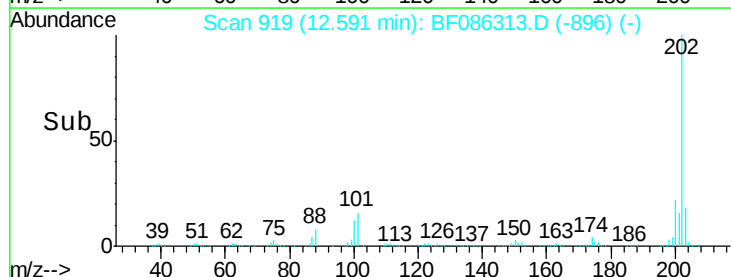
203 18.0 0.0 38.2

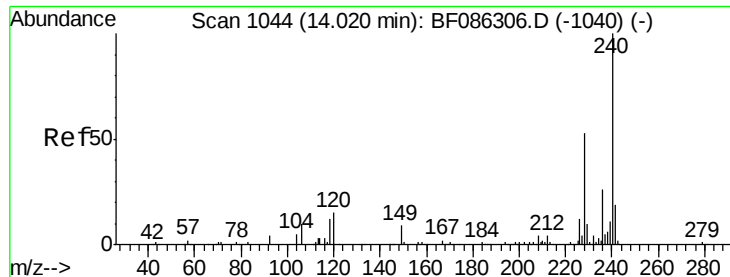


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

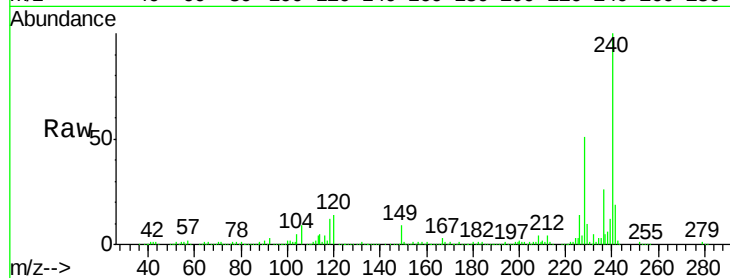
ClientSampleId :

PB89945BS

Tot Ion:	240	Resp:	443718
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.3	13.9
236	26.0	21.1	31.7

Manual Integrations
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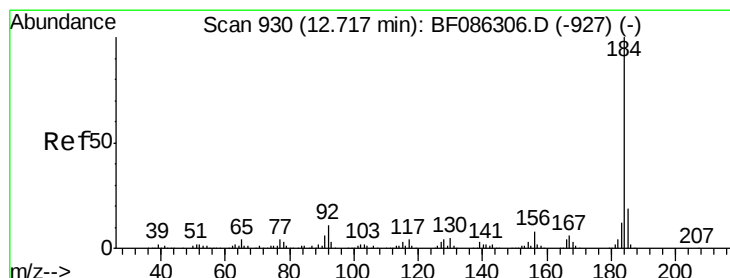
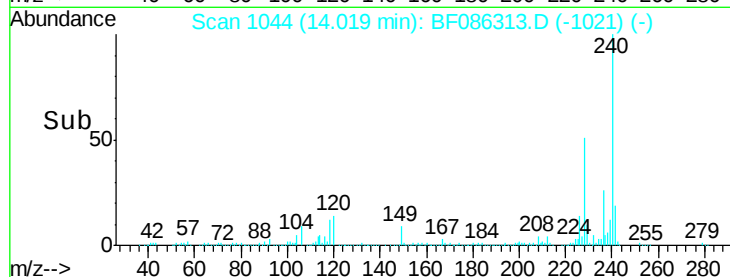
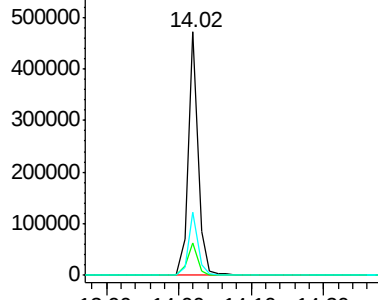
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.90 ng

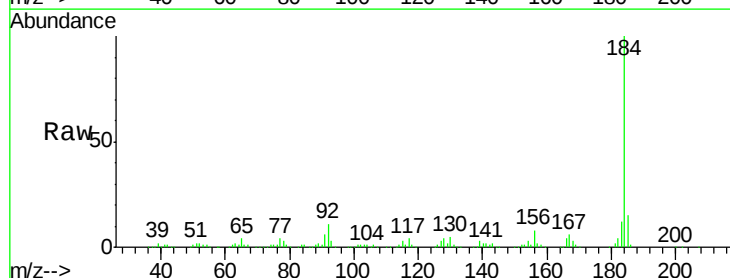
RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

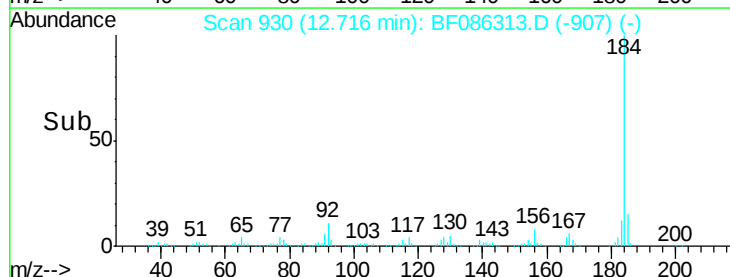
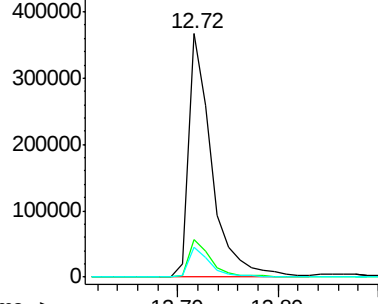
Tgt Ion:	184	Resp:	585759
Ion Ratio	Lower	Upper	
184	100		
185	15.4	14.2	21.2
183	12.1	9.8	14.6

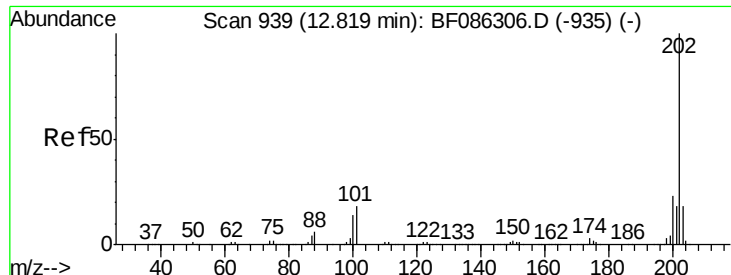


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





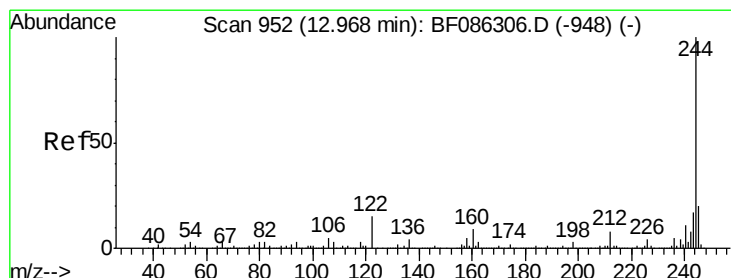
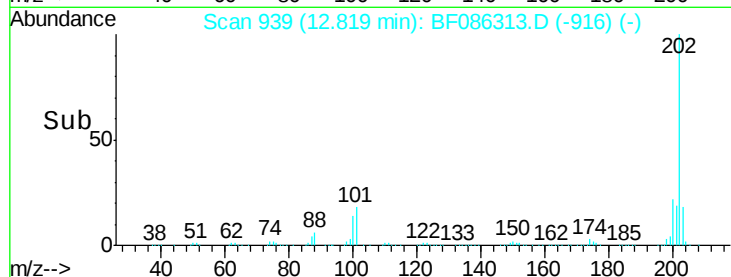
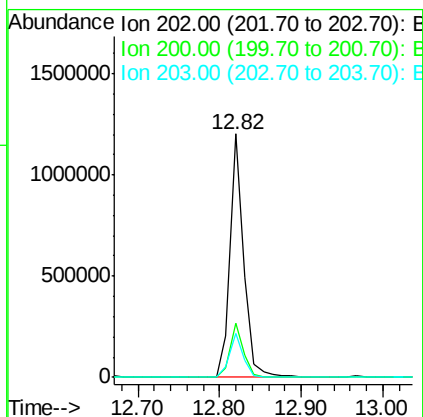
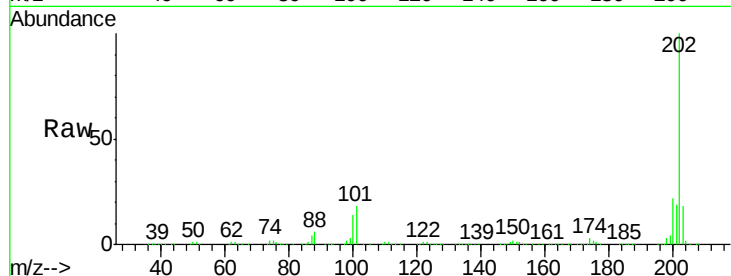
#77
Pvrene
Concen: 42.42 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.3	27.5
203	18.2	14.9	22.3

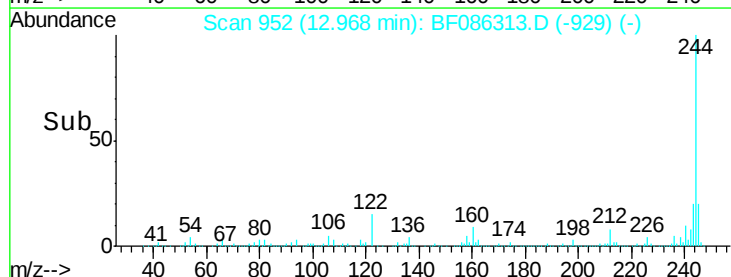
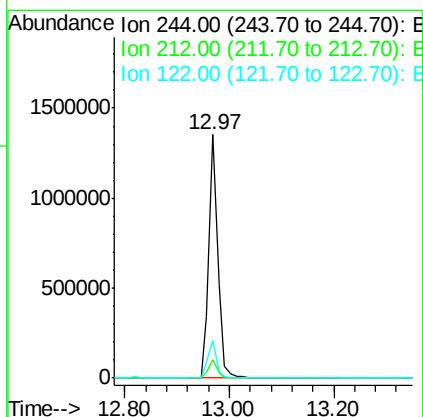
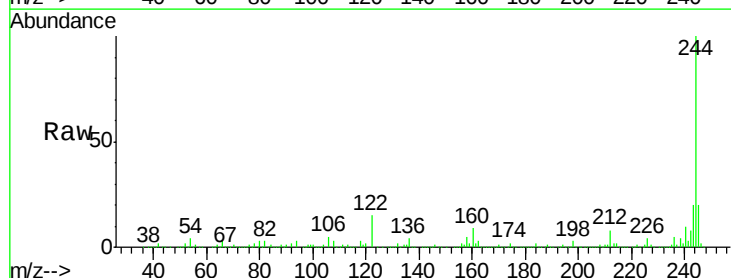
Manual Integrations
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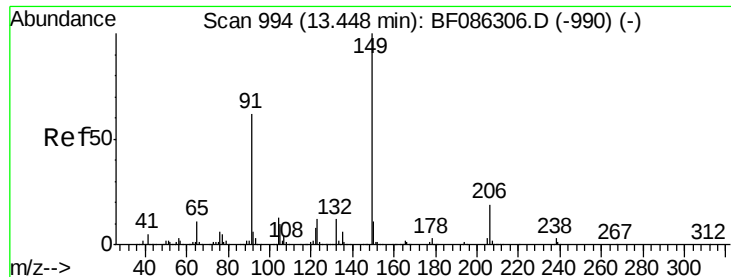
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#78
Terphenyl-d14
Concen: 86.24 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.2	11.7	17.5





#79

Butylbenzylphthalate

Concen: 46.42 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

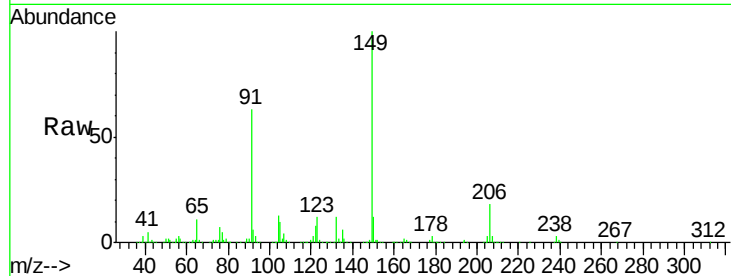
ClientSampleId :

PB89945BS

Tot Ion:	149	Resp:	806557
Ion Ratio	Lower	Upper	
149	100		
91	63.2	48.7	73.1
206	18.5	15.7	23.5

Manual Integrations
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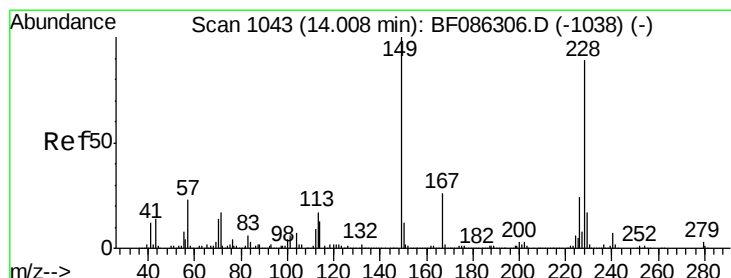
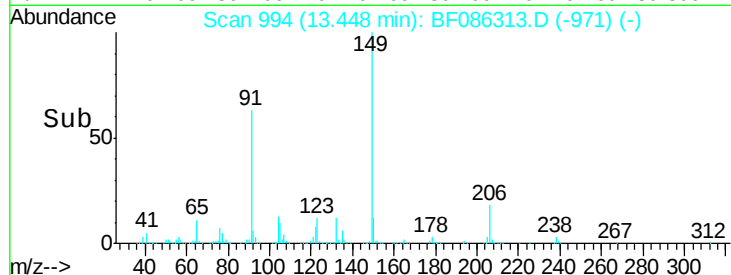
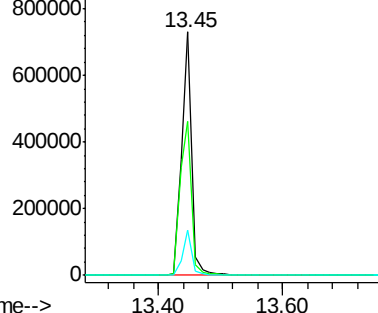
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.71 ng

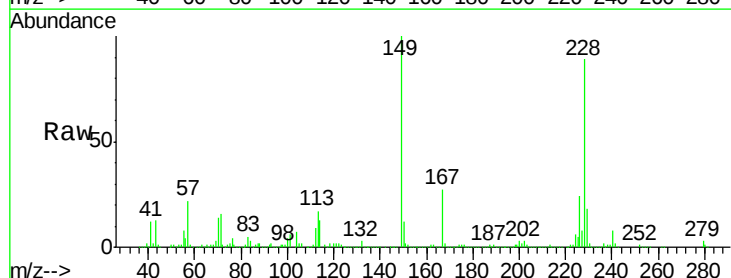
RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

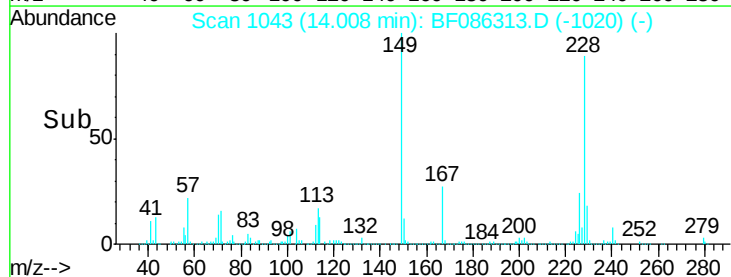
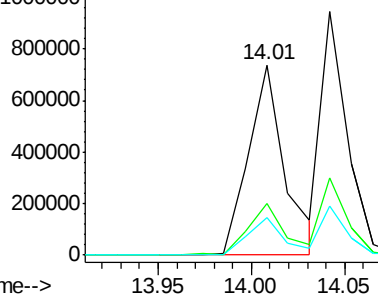
Tgt Ion:	228	Resp:	998297
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.5	33.7
229	19.8	16.2	24.2

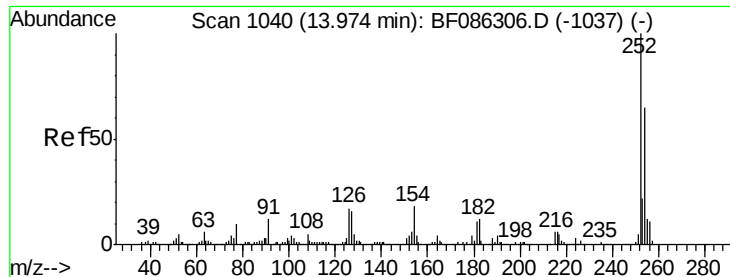


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





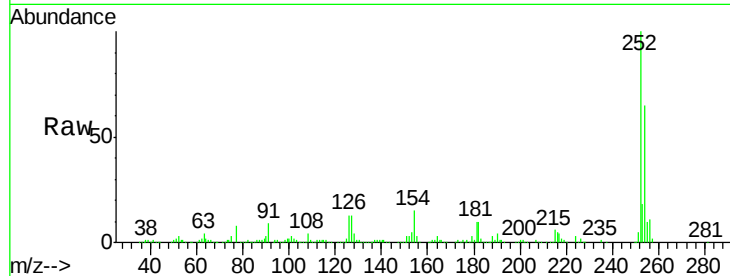
#81
 3,3'-Dichlorobenzidine
 Concen: 18.71 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

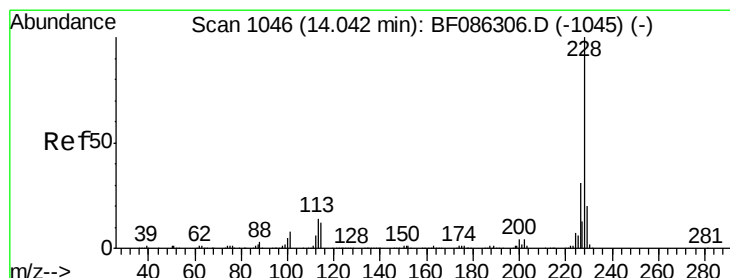
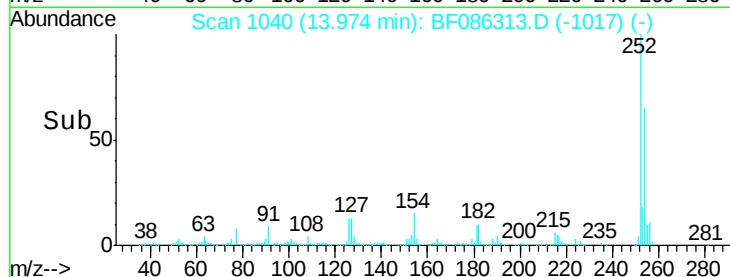
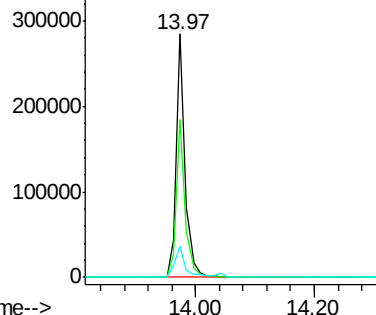
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.1	78.1
126	12.6	13.2	19.8

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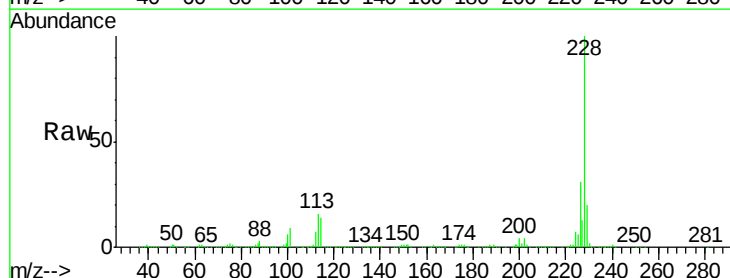


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

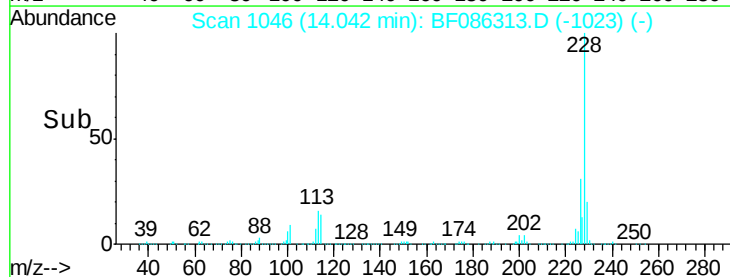
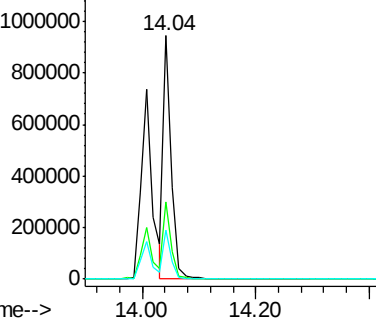


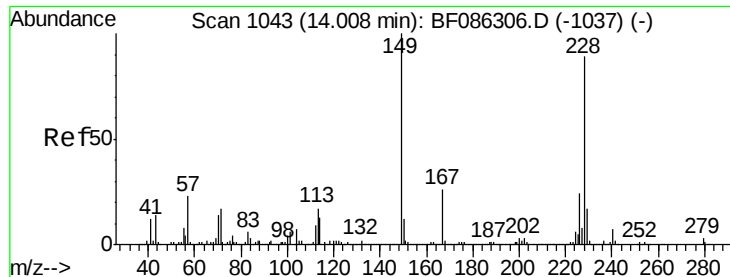
#82
 Chrysene
 Concen: 37.36 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.4	38.2
229	20.3	16.5	24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





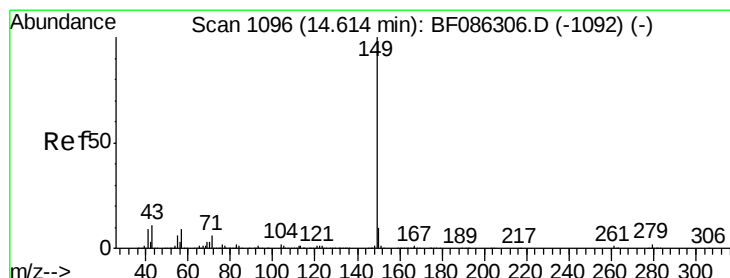
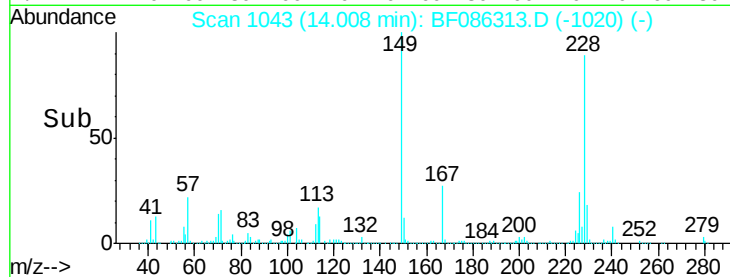
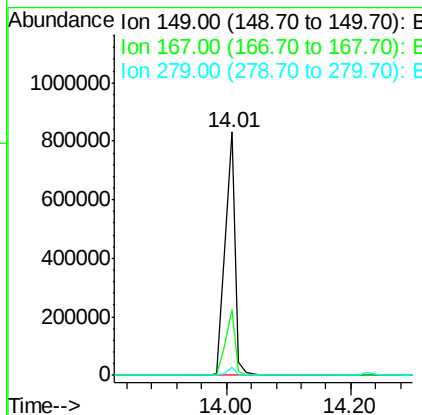
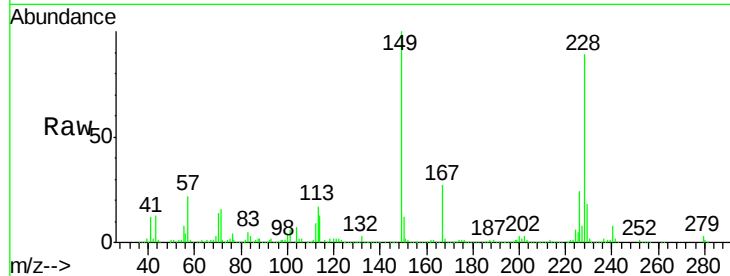
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.45 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleID :
 PB89945BS

Tot Ion:	149	Resp:	904435
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.0	31.4
279	3.2	2.4	3.6

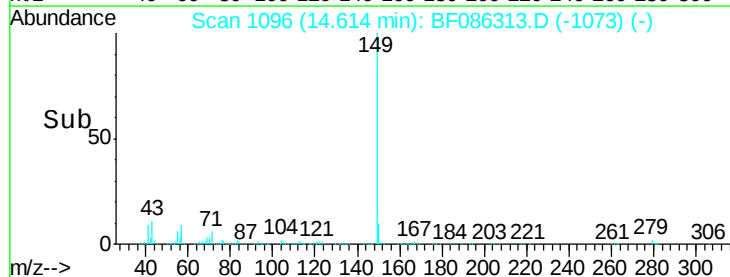
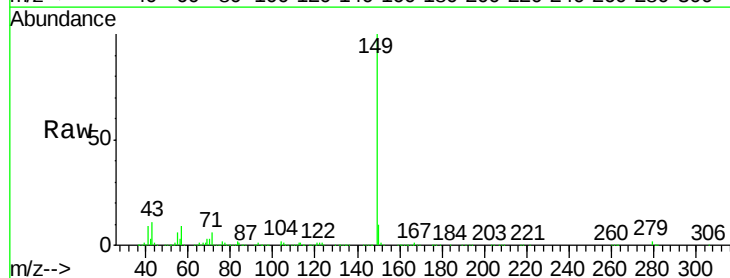
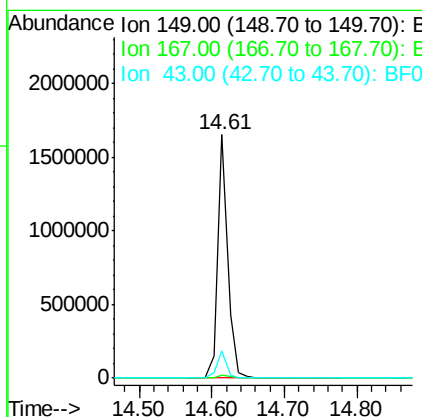
Manual Integrations
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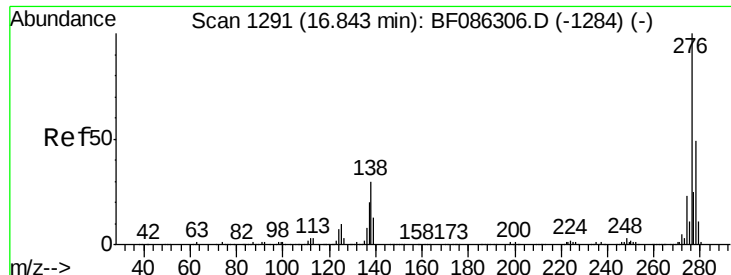
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#84
 Di-n-octyl phthalate
 Concen: 43.04 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:	149	Resp:	1578310
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.6	9.1	13.7





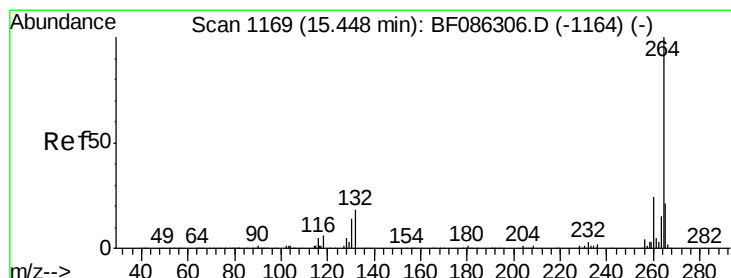
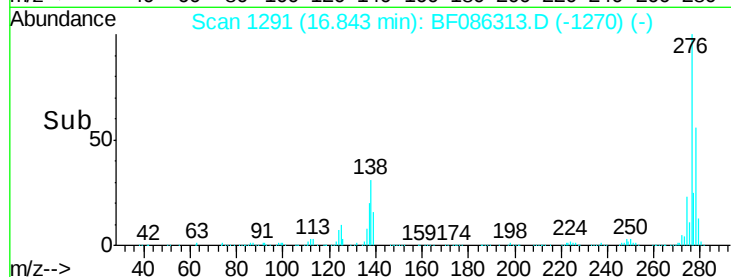
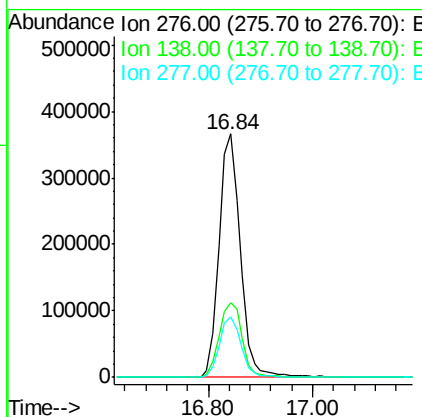
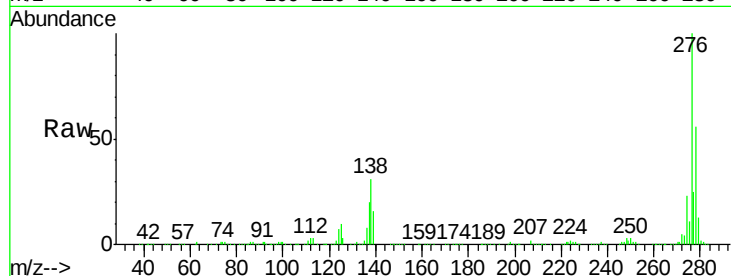
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.00 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.5	23.8	35.6
277	25.6	20.2	30.2

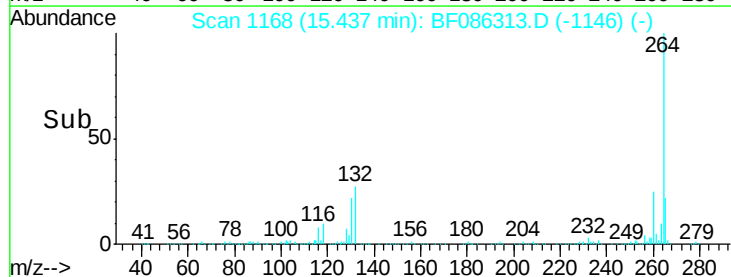
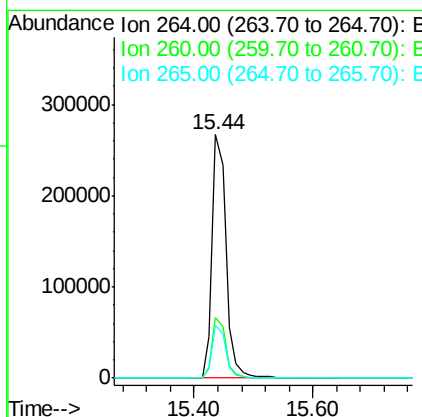
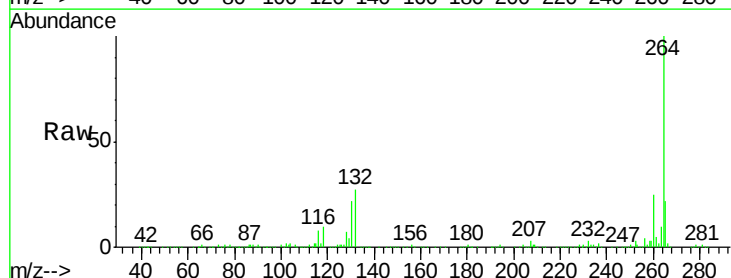
Manual Integrations
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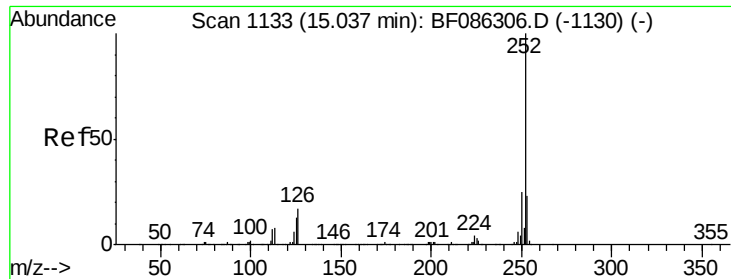
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.5	17.4	26.0





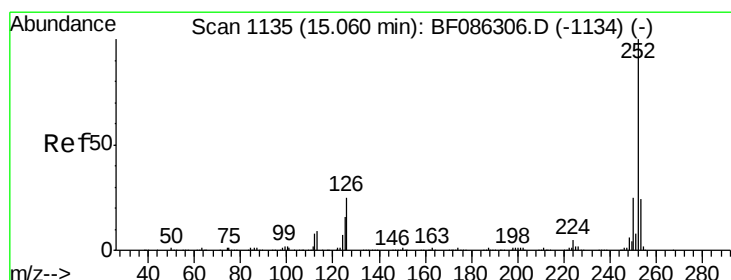
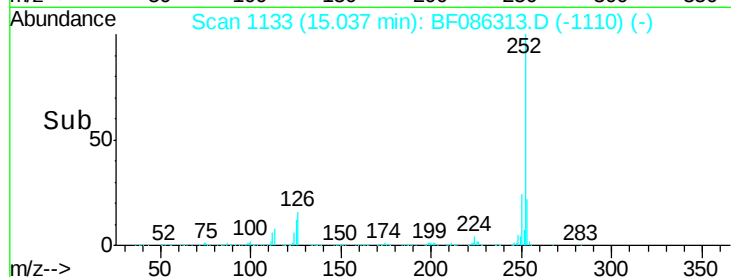
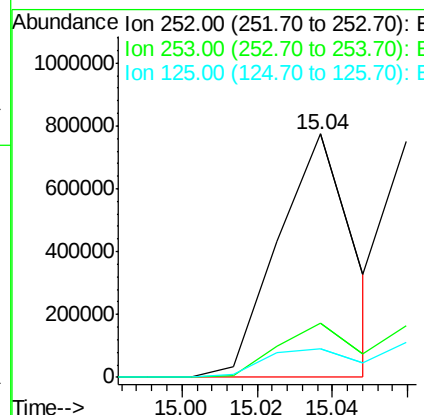
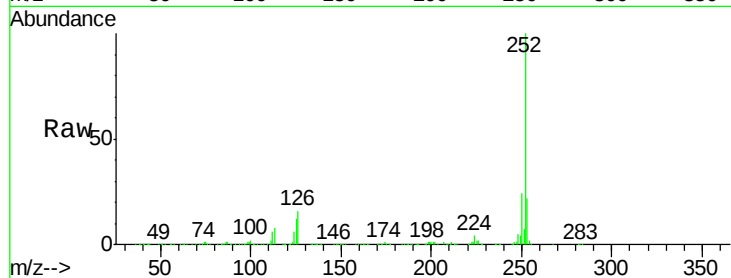
#87
Benzo(b)fluoranthene
Concen: 42.59 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.0	10.3	15.5

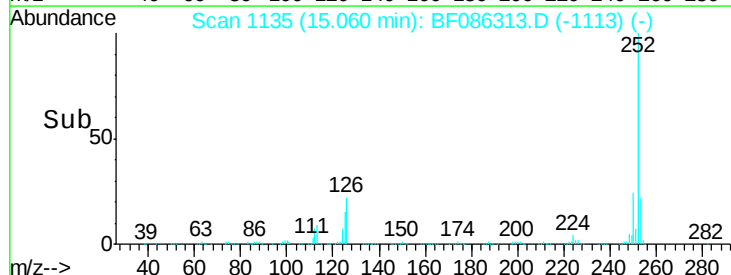
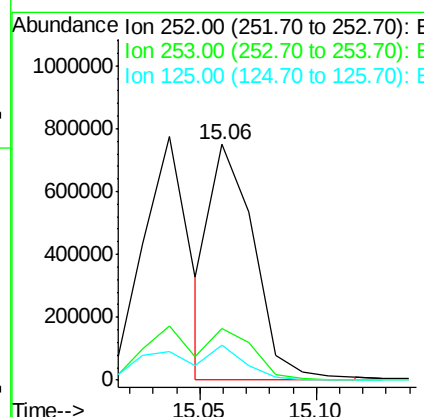
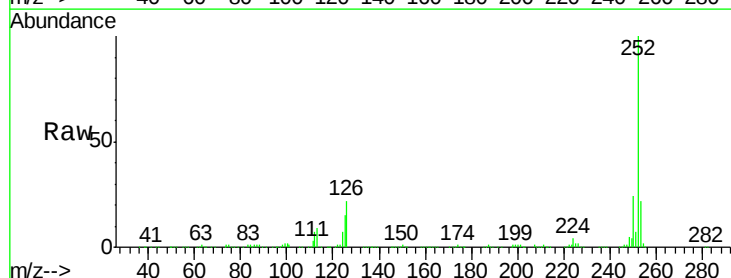
Manual Integrations
APPROVED

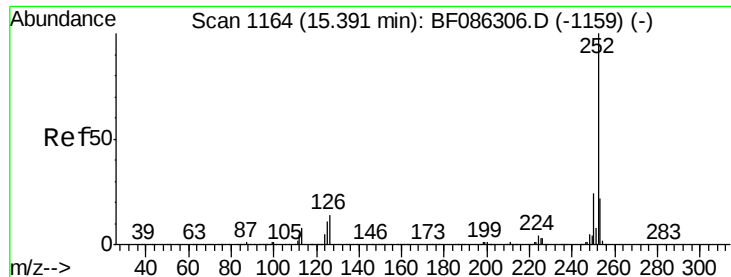
sohil
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#88
Benzo(k)fluoranthene
Concen: 45.40 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.7	7.8	11.6





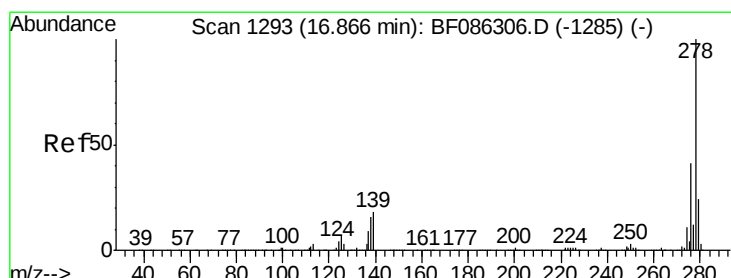
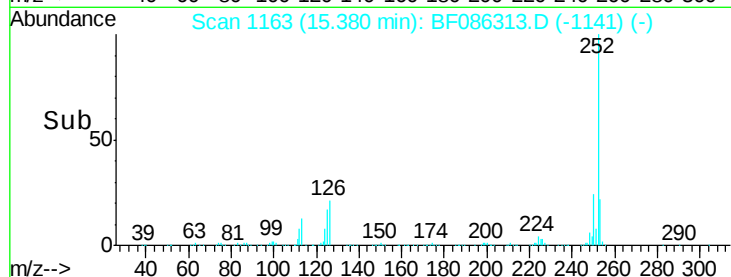
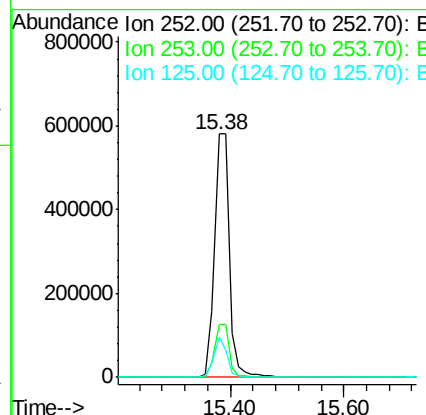
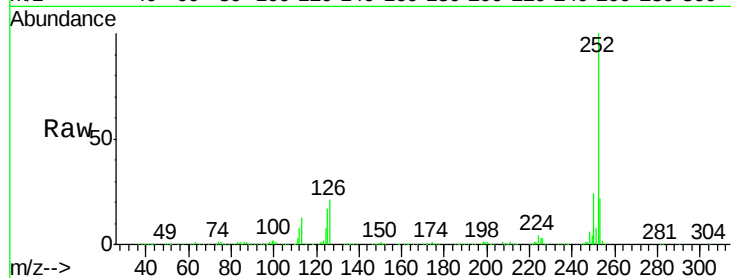
#89
Benzo(a)pyrene
Concen: 43.79 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	16.7	11.2	16.8

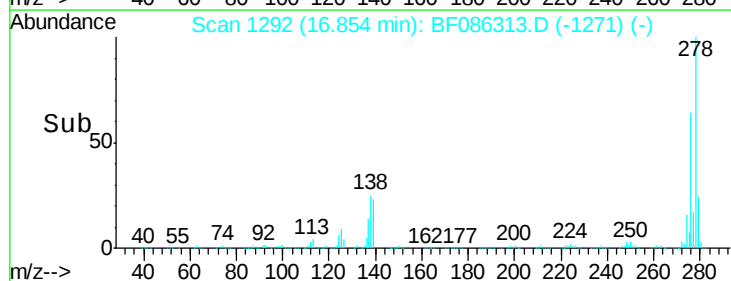
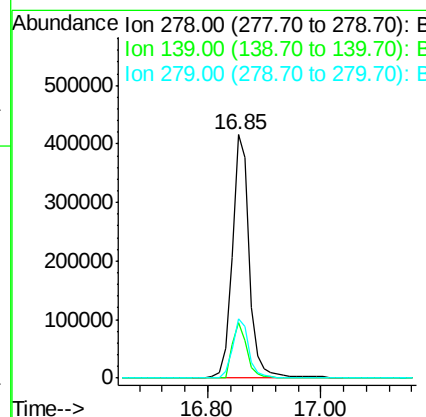
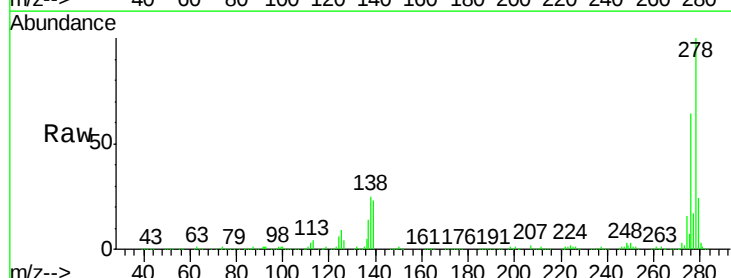
Manual Integrations
APPROVED

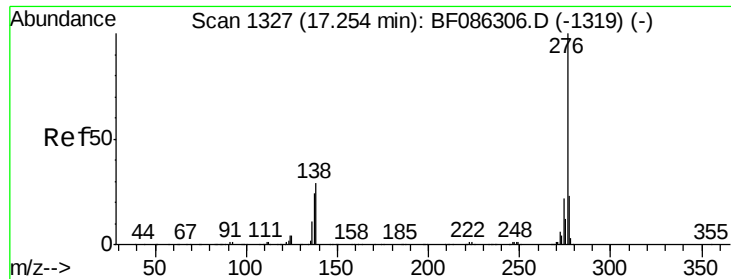
sohil
4/21/2016 7:10:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.24 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.3	22.9
279	24.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 44.10 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.07 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	30.7	19.6	29.4

Manual Integrations
 APPROVED

sohil
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