

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086311.D
 Acq On : 20 Apr 2016 16:21
 Operator : UM/SJ
 Sample : PB89932BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Manual Integrations
 APPROVED

sohil
 4/21/2016 7:09:52 PM

Quant Time: Apr 21 01:19:29 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	264829	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1069378	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	479702	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	793316	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	430611	20.00	ng	-0.03
86) Perylene-d12	15.44	264	451300	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1694658	111.65	ng	-0.01
7) Phenol-d6	6.50	99	2131676	107.32	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1487606	79.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	427821	114.42	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2231164	90.10	ng	-0.03
78) Terphenyl-d14	12.97	244	1434805	79.31	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	259389	31.55	ng	98
3) Pyridine	3.28	79	690265	32.79	ng	97
4) n-Nitrosodimethylamine	3.22	42	270996	37.36	ng	# 70
6) Aniline	6.53	93	389752	14.58	ng	# 89
8) 2-Chlorophenol	6.65	128	665071	36.89	ng	90
9) Benzaldehyde	6.41	77	162523	11.54	ng	97
10) Phenol	6.51	94	871345	38.28	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	733835	36.91	ng	90
12) 1,3-Dichlorobenzene	6.81	146	728384m	36.82	ng	
13) 1,4-Dichlorobenzene	6.88	146	752745	35.61	ng	99
14) 1,2-Dichlorobenzene	7.04	146	679755	36.25	ng	98
15) Benzyl Alcohol	7.01	79	499976	40.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1062573	37.98	ng	92
17) 2-Methylphenol	7.12	107	583173	38.70	ng	99
18) Hexachloroethane	7.38	117	257315	40.84	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	452105	37.58	ng	# 82
20) 3+4-Methylphenols	7.28	107	645321	39.48	ng	# 79
22) Acetophenone	7.28	105	888410	39.55	ng	# 88
24) Nitrobenzene	7.45	77	740977	37.09	ng	98
25) Isophorone	7.69	82	1354738	38.29	ng	99
26) 2-Nitrophenol	7.77	139	390071	43.66	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	676496	38.60	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	892221	43.12	ng	99
29) 2,4-Dichlorophenol	8.01	162	587226	42.49	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	573603	38.48	ng	99
31) Naphthalene	8.17	128	1960159	38.45	ng	99
32) Benzoic acid	7.93	122	406131	39.00	ng	96
33) 4-Chloroaniline	8.22	127	184387	8.74	ng	93
34) Hexachlorobutadiene	8.29	225	285515	38.00	ng	99
35) Caprolactam	8.59	113	191241	42.73	ng	# 69
36) 4-Chloro-3-methylphenol	8.70	107	619204	39.85	ng	95
37) 2-Methylnaphthalene	8.86	142	1269859	40.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	467912	36.65	ng	96
40) Hexachlorocyclopentadiene	9.01	237	309780	98.34	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	346473	39.12	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	412605	42.77	nq	# 91
45) 1,1'-Biphenyl	9.33	154	1481051	39.31	nq	95
46) 2-Chloronaphthalene	9.36	162	1167095	40.88	nq	93
47) 2-Nitroaniline	9.45	65	401122	41.34	nq	86
48) Acenaphthylene	9.77	152	1805720	40.51	nq	99
49) Dimethylphthalate	9.63	163	1365151	37.38	nq	99
50) 2,6-Dinitrotoluene	9.69	165	298035	39.66	nq	# 72
51) Acenaphthene	9.94	154	1139732	43.58	nq	98
52) 3-Nitroaniline	9.86	138	150798	15.78	nq	86
53) 2,4-Dinitrophenol	9.96	184	189538	117.43	nq	90
54) Dibenzofuran	10.11	168	1520536	42.76	nq	95
55) 4-Nitrophenol	10.02	139	478020	80.66	nq	89
56) 2,4-Dinitrotoluene	10.09	165	375530	40.20	nq	# 64
57) Fluorene	10.45	166	1100220	41.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	285220	44.06	nq	# 99
59) Diethylphthalate	10.33	149	1302030	36.54	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	461379	37.81	nq	92
61) 4-Nitroaniline	10.48	138	298891	33.41	nq	# 81
62) Azobenzene	10.60	77	1442605	41.06	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	133478	52.81	nq	# 62
65) n-Nitrosodiphenylamine	10.57	169	1062668	40.66	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	318410	37.35	nq	# 90
67) Hexachlorobenzene	11.00	284	335738	39.24	nq	# 70
68) Atrazine	11.09	200	326246	40.61	nq	96
69) Pentachlorophenol	11.20	266	356540	79.56	nq	97
70) Phenanthrene	11.41	178	1564812	41.62	nq	99
71) Anthracene	11.46	178	1583913	39.34	nq	99
72) Carbazole	11.62	167	1574068	41.32	nq	98
73) Di-n-butylphthalate	11.95	149	1922086	39.18	nq	100
74) Fluoranthene	12.59	202	1322786	37.95	nq	100
76) Benzidine	12.72	184	497471	26.17	nq	97
77) Pyrene	12.82	202	1288017	40.32	nq	99
79) Butylbenzylphthalate	13.45	149	734238	43.54	nq	99
80) Benzo(a)anthracene	14.01	228	994554	43.85	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	282764	18.02	nq	# 97
82) Chrysene	14.04	228	890458	36.32	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	805761	40.81	nq	99
84) Di-n-octyl phthalate	14.61	149	1486661	41.78	nq	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1046555	41.51	nq	97
87) Benzo(b)fluoranthene	15.04	252	1065511	40.82	nq	99
88) Benzo(k)fluoranthene	15.06	252	959278m	43.65	nq	
89) Benzo(a)pyrene	15.39	252	1005038	41.77	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	876416	41.73	nq	99
91) Benzo(g,h,i)perylene	17.27	276	844265	41.93	nq	97

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

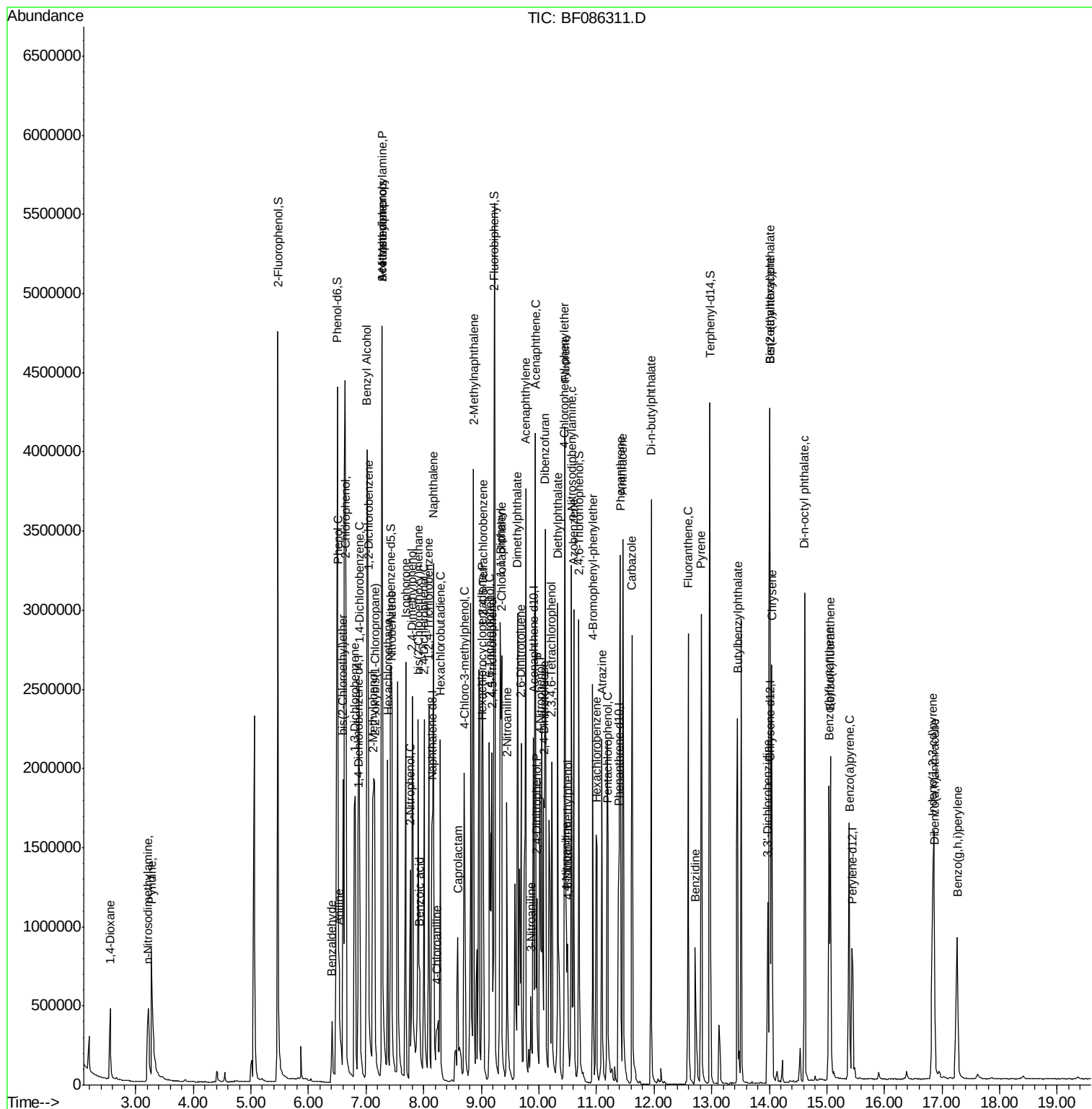
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Operator  : UM/SJ  
Sample    : PB89932BS  
Misc      :  
ALS Vial  : 15      Sample Multiplier: 1
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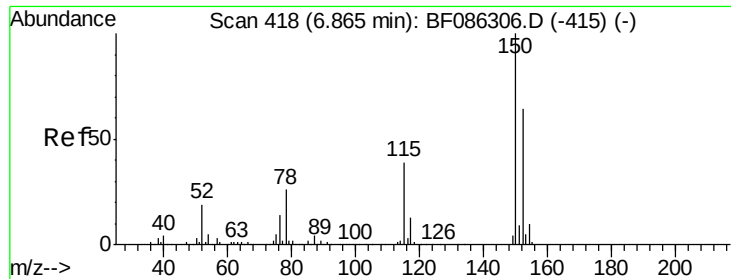
Instrument :
BNA_F
ClientSampleId :
PB89932BS

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#1

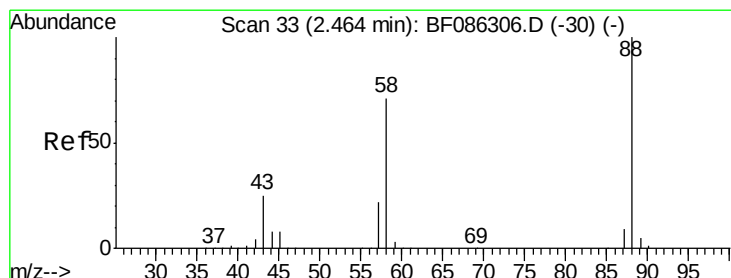
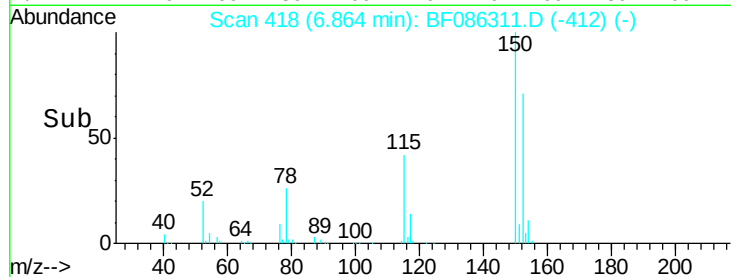
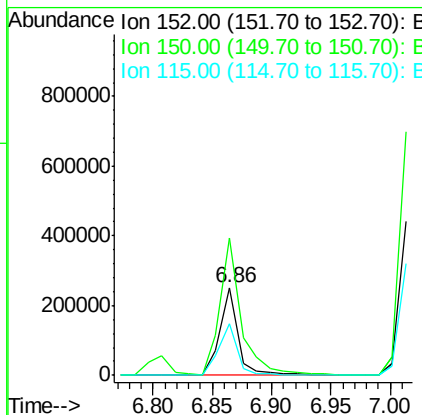
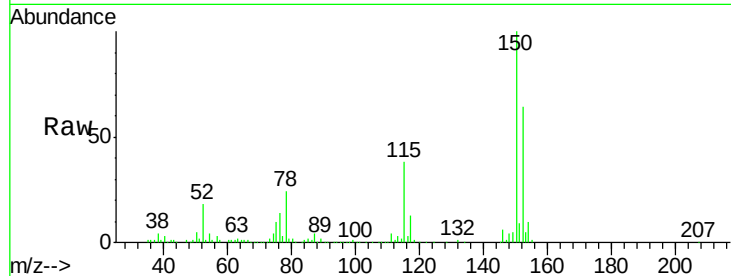
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	59.1	43.9	65.9

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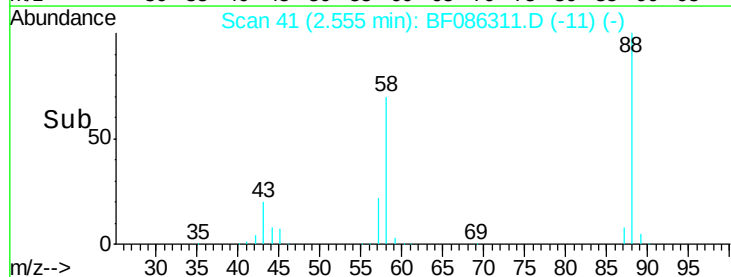
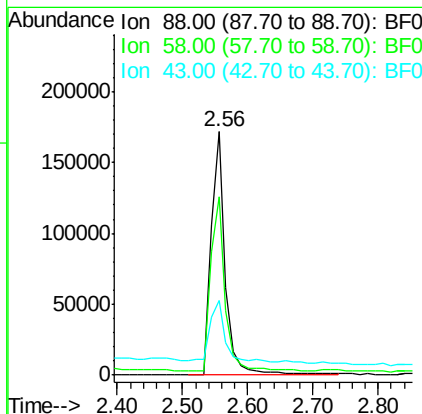
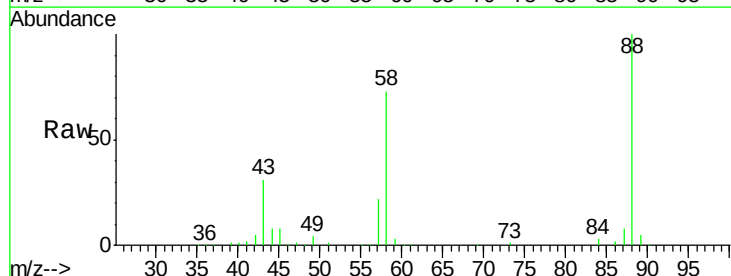
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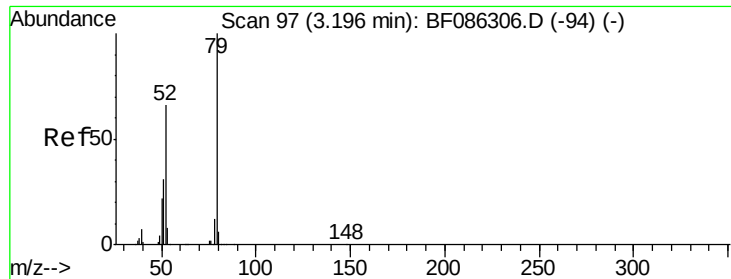


#2

1,4-Dioxane
Concen: 31.55 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	58.4	87.6
43	26.3	23.3	34.9





#3

Pvridine

Concen: 32.79 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

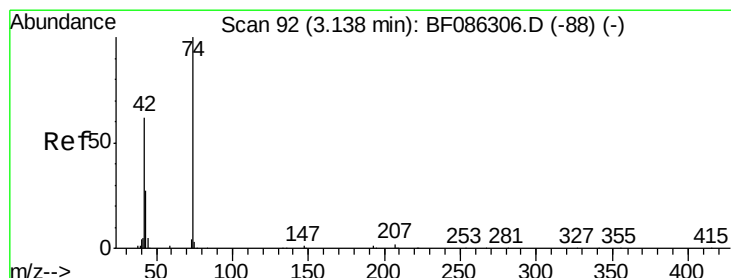
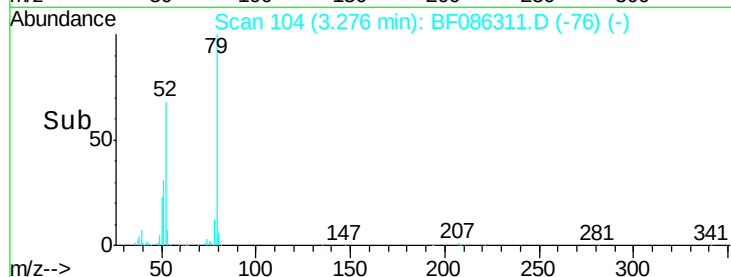
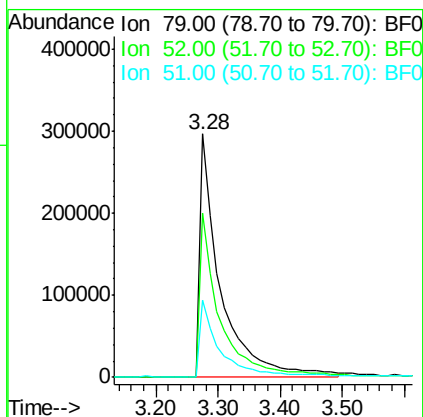
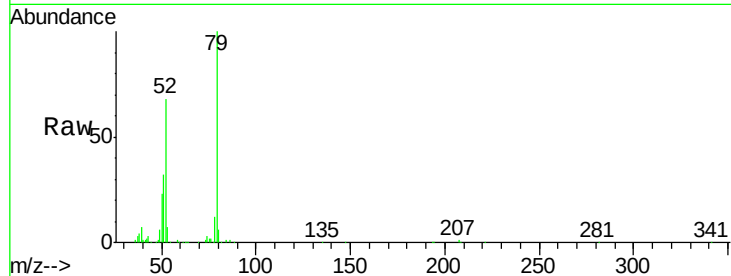
ClientSampleId :

PB89932BS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	67.6	55.4	83.2
51	31.7	28.1	42.1



#4

n-Nitrosodimethylamine

Concen: 37.36 ng

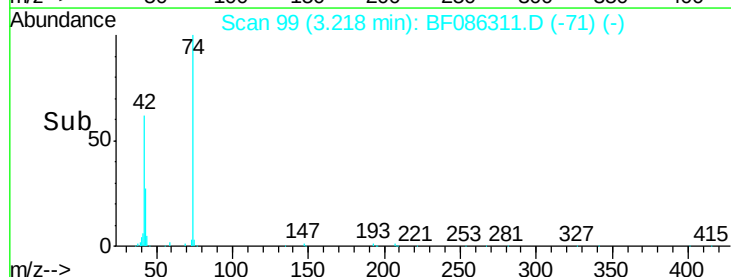
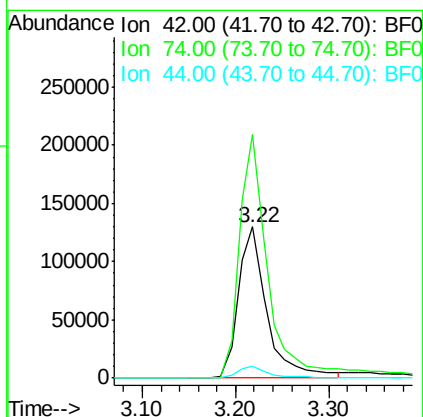
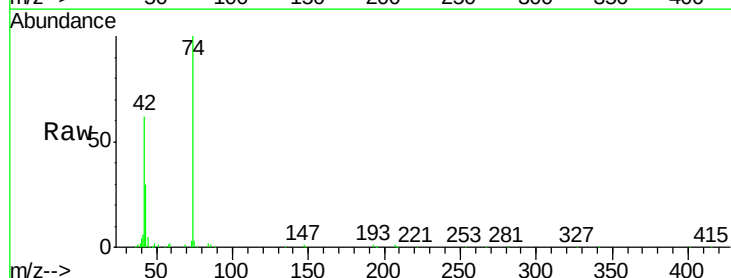
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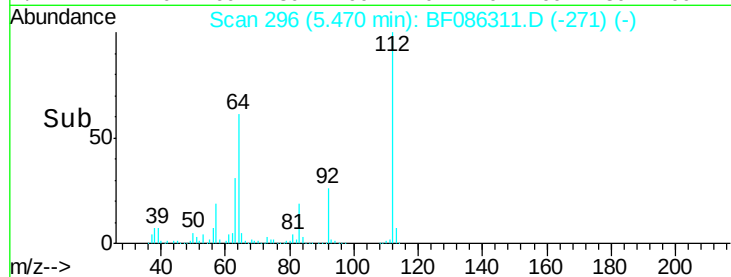
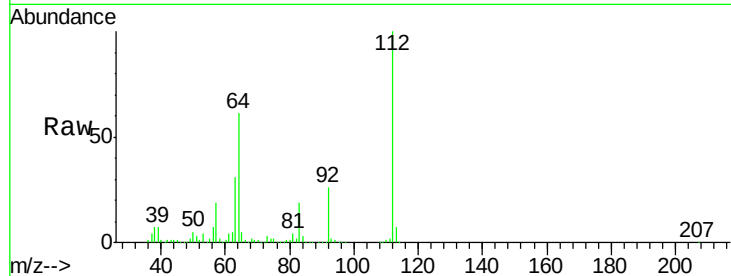
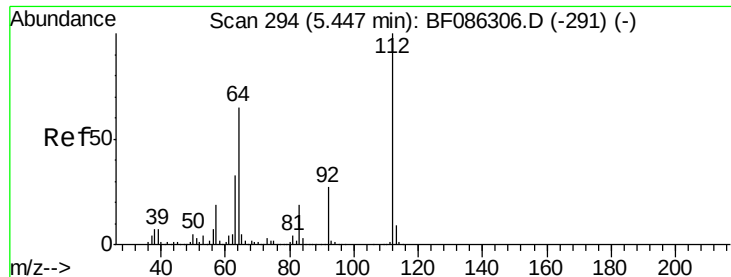
Delta R.T. 0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	161.4	100.5	150.7#
44	7.9	5.4	8.0





#5

2-Fluorophenol

Concen: 111.65 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tot Ion:	112	Resp:	1694658
Ion	Ratio	Lower	Upper
112	100		
64	60.9	48.1	72.1
63	31.2	25.5	38.3

Instrument :

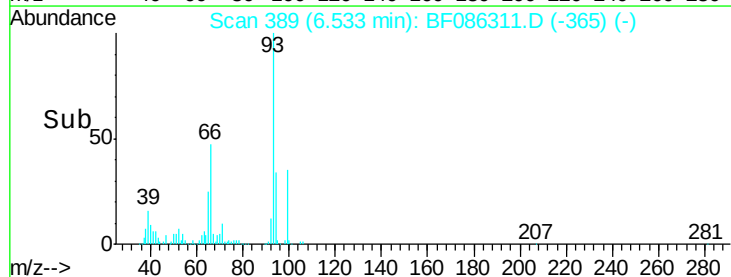
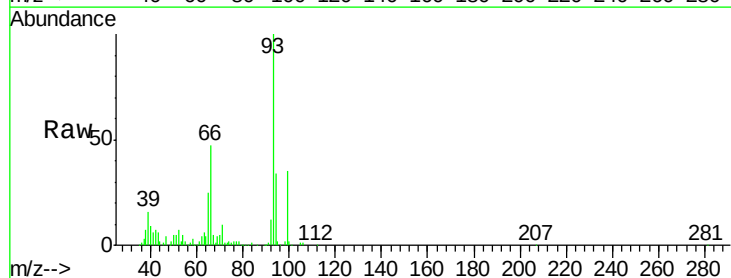
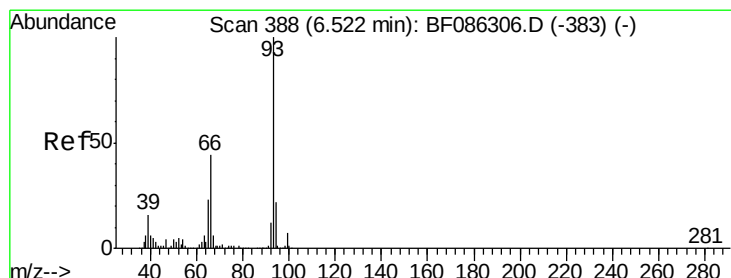
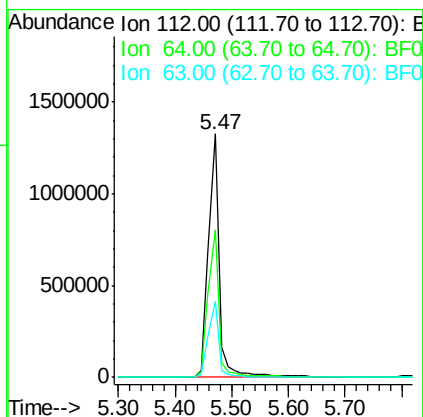
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 14.58 ng

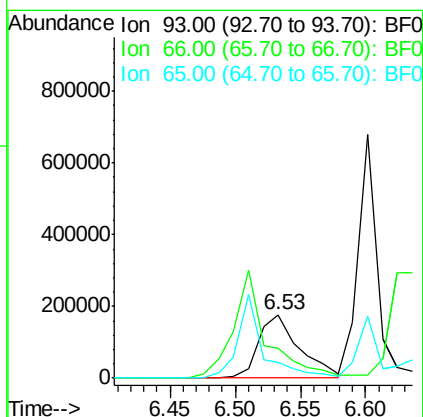
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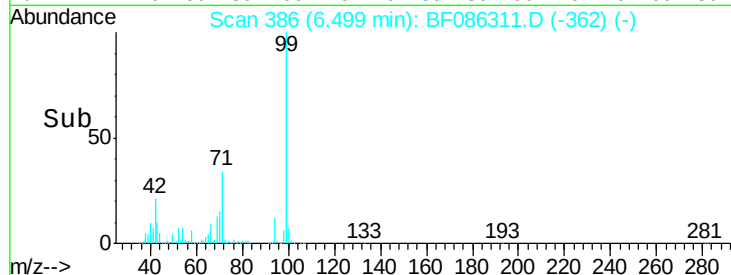
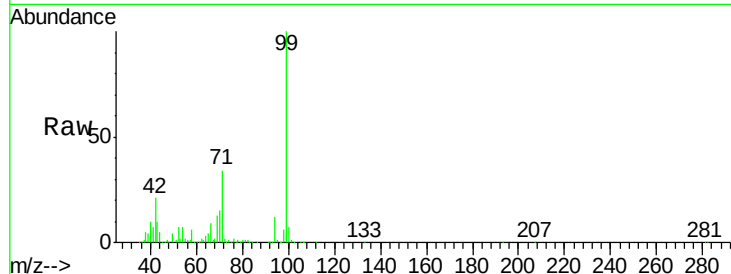
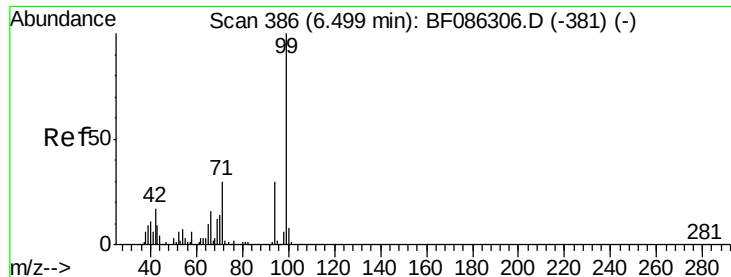
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	93	Resp:	389752
Ion	Ratio	Lower	Upper
93	100		
66	47.0	32.2	48.2
65	25.0	16.4	24.6





#7

Phenol-d6

Concen: 107.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tot Ion: 99 Resp: 2131676

Ion Ratio Lower Upper

99 100

42 20.7 15.4 23.2

71 33.5 25.6 38.4

Instrument :

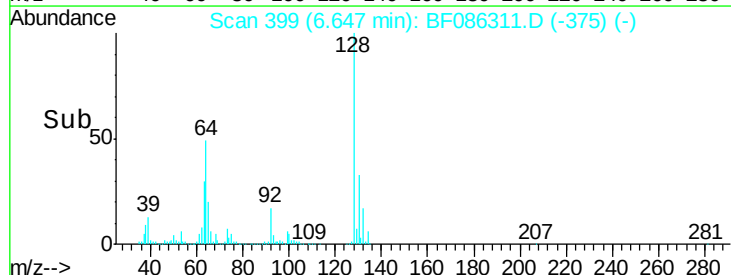
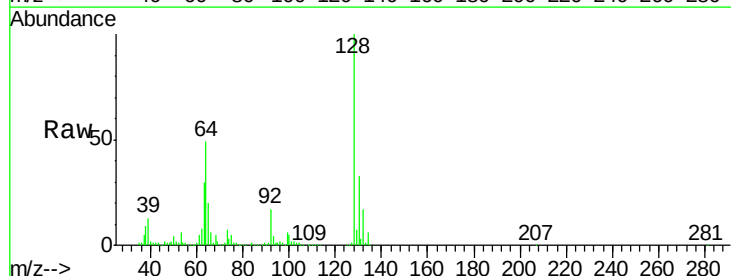
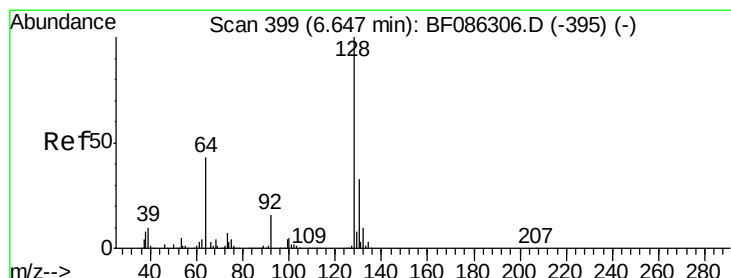
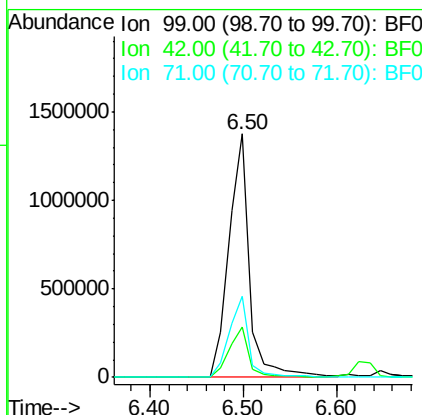
BNA_F

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Manual Integrations
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#8

2-Chlorophenol

Concen: 36.89 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

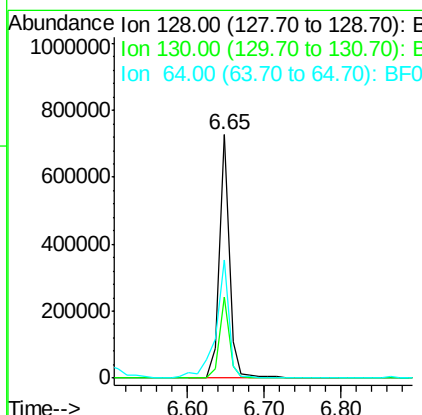
Tgt Ion: 128 Resp: 665071

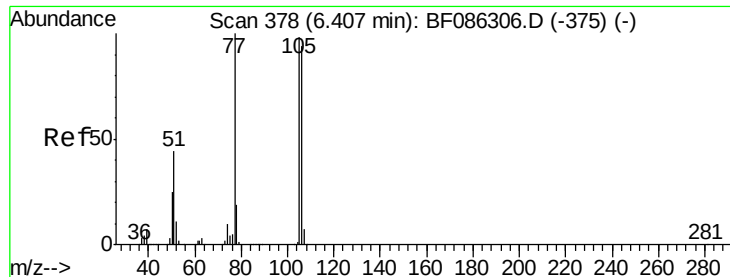
Ion Ratio Lower Upper

128 100

130 33.4 11.8 51.8

64 48.8 39.5 79.5





#9

Benzaldehyde

Concen: 11.54 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

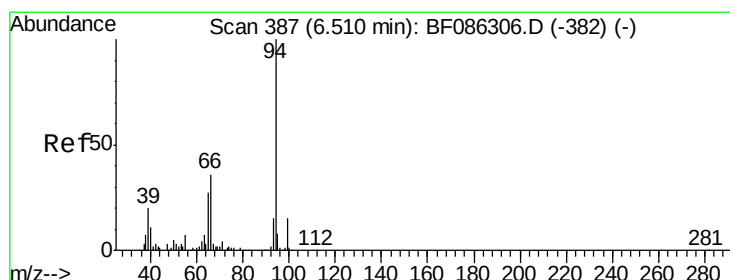
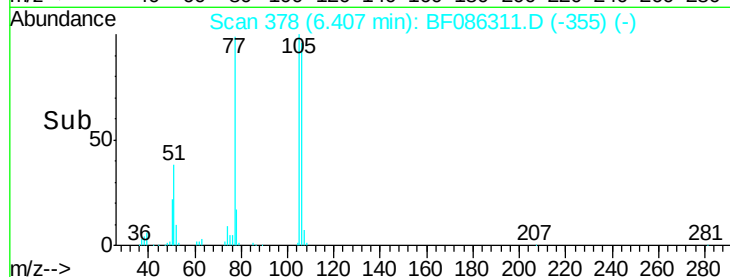
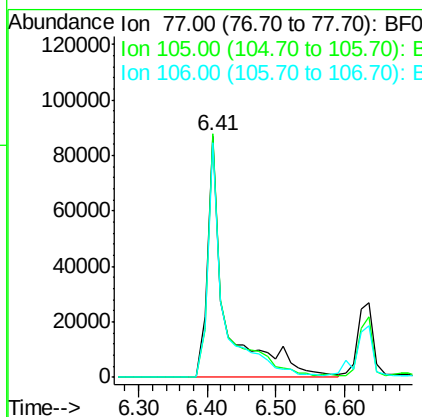
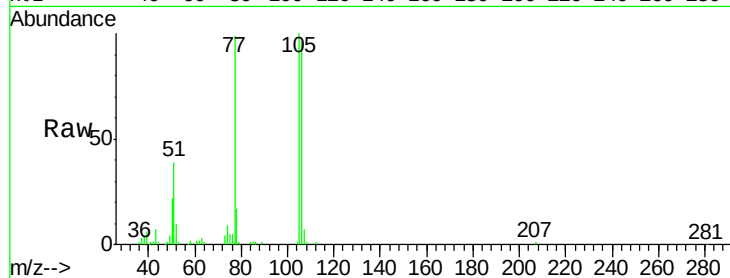
ClientSampleId :

PB89932BS

Tot Ion:	77	Resp:	162523
Ion	Ratio	Lower	Upper
77	100		
105	100.7	84.6	124.6
106	96.9	78.6	118.6

Manual Integrations
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#10

Phenol

Concen: 38.28 ng

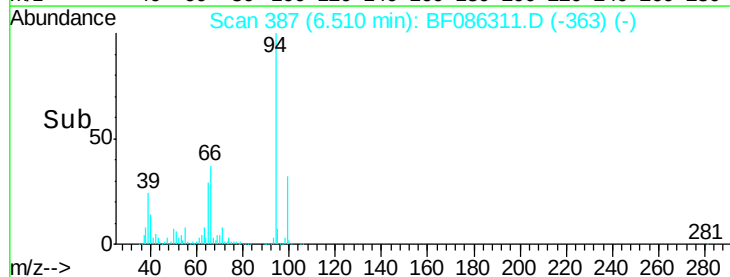
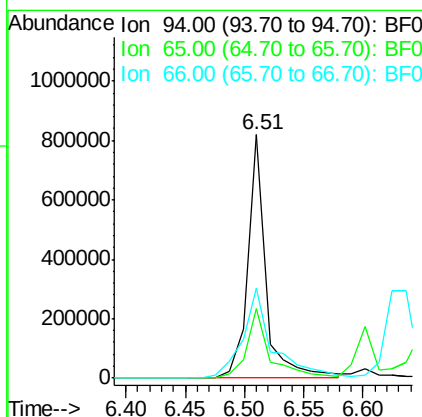
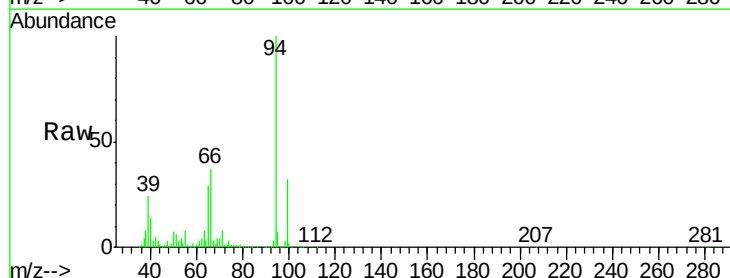
RT: 6.51 min Scan# 387

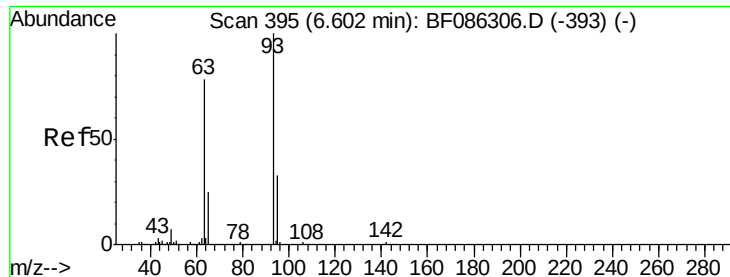
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	94	Resp:	871345
Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	36.9	16.5	56.5





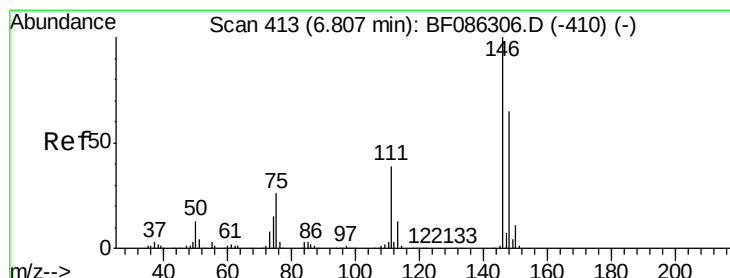
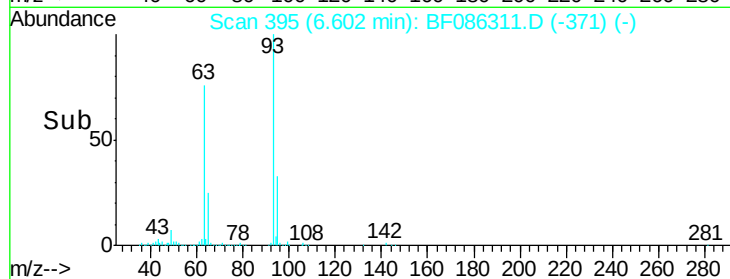
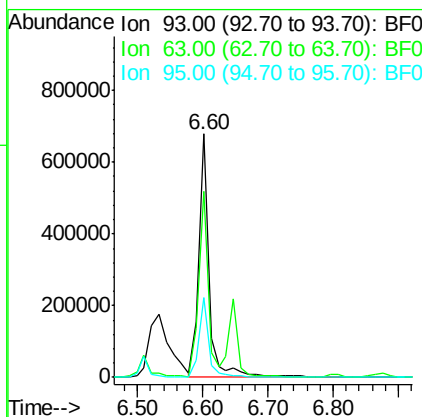
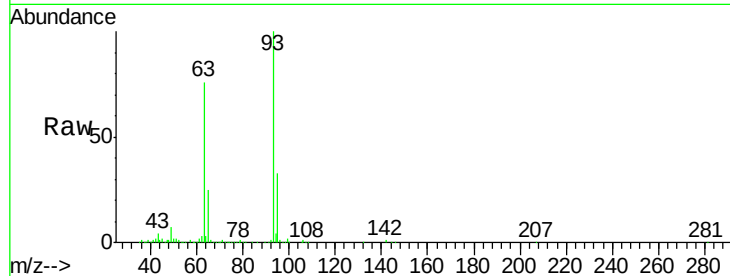
#11
bis(2-Chloroethyl)ether
Concen: 36.91 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		733835		
63	76.5	44.4	84.4		
95	32.8	13.1	53.1		

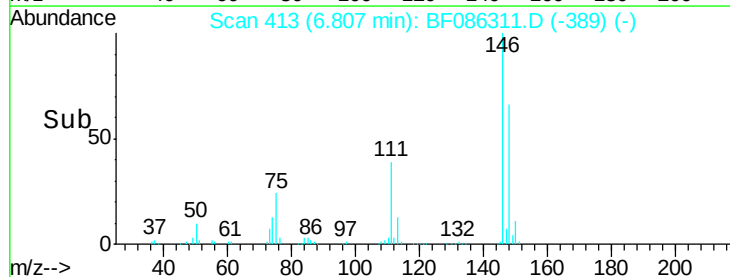
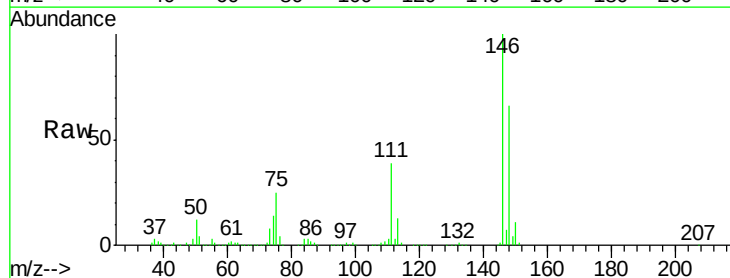
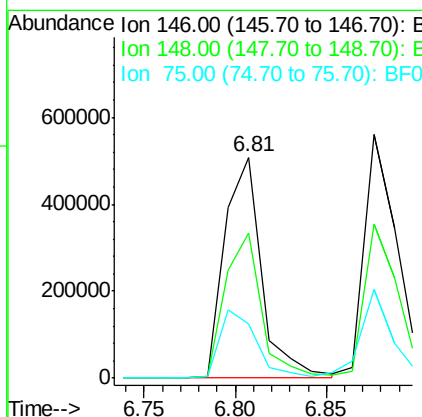
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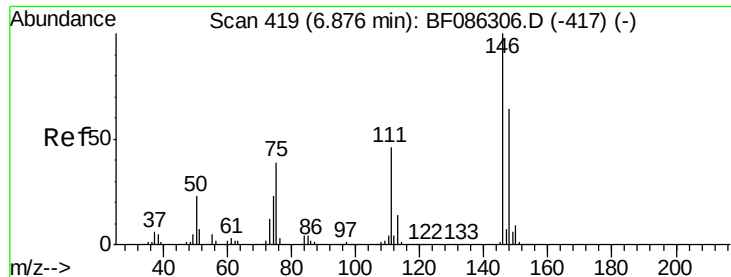
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#12
1,3-Dichlorobenzene
Concen: 36.82 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		728384		
148	65.6	51.0	76.4		
75	24.6	29.9	44.9#		





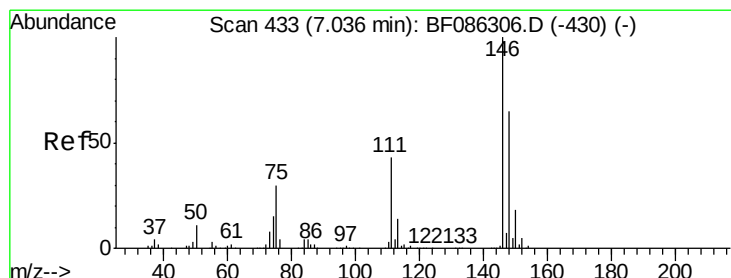
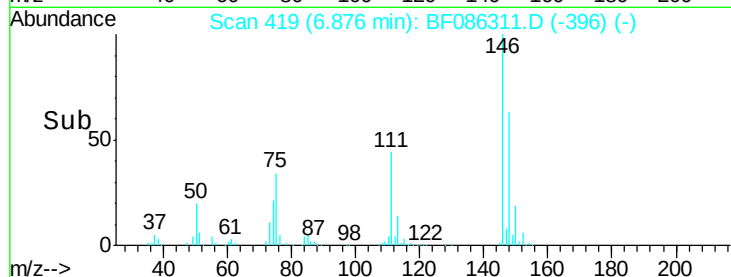
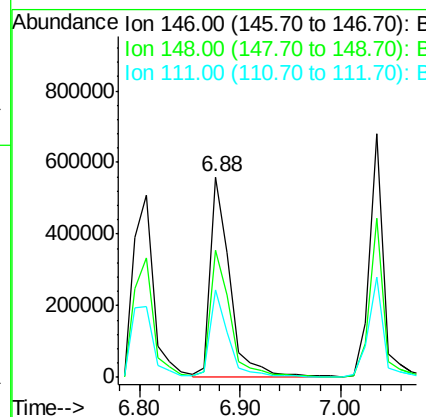
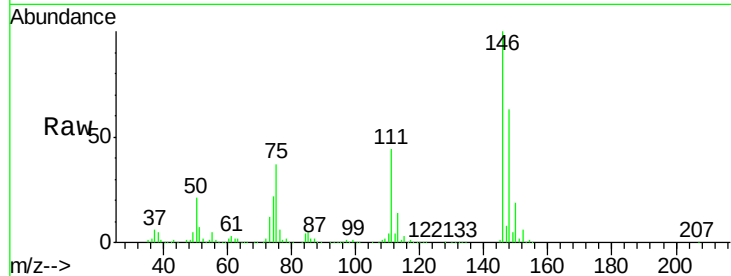
#13
 1,4-Dichlorobenzene
 Concen: 35.61 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
111	43.7	34.9	52.3

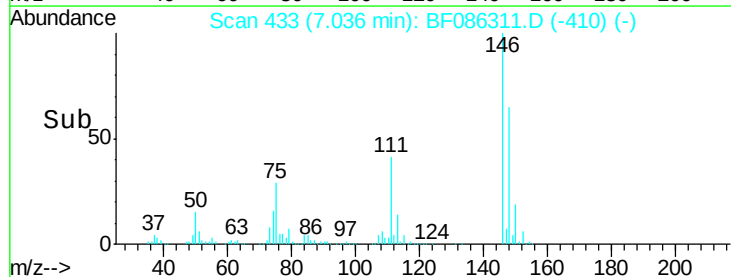
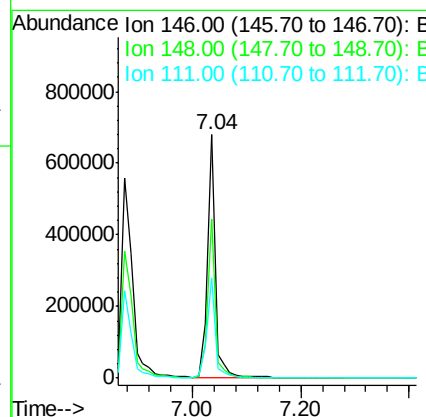
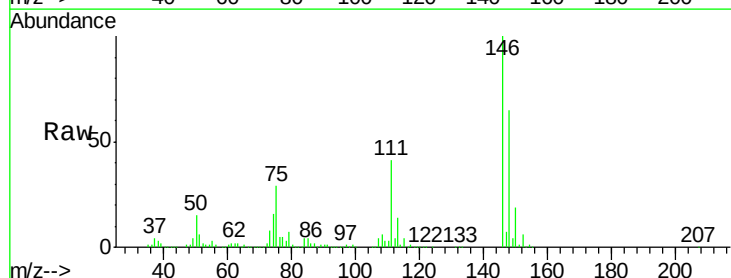
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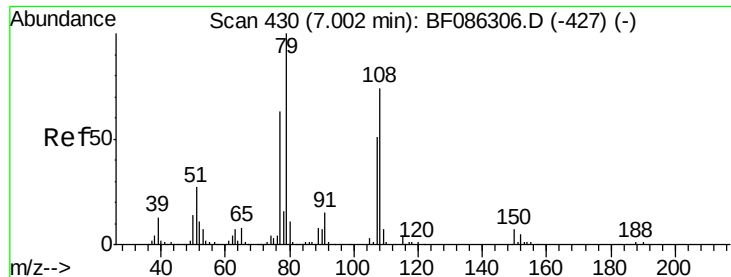
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#14
 1,2-Dichlorobenzene
 Concen: 36.25 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	41.3	31.0	46.4





#15

Benzyl Alcohol

Concen: 40.51 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

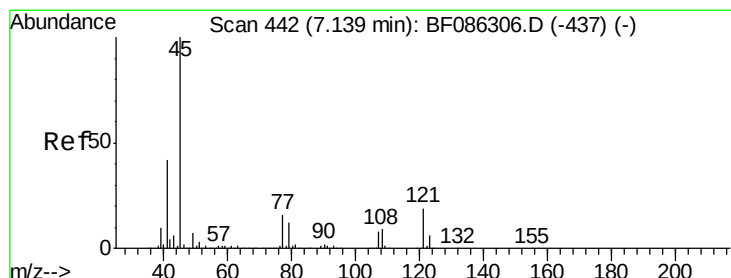
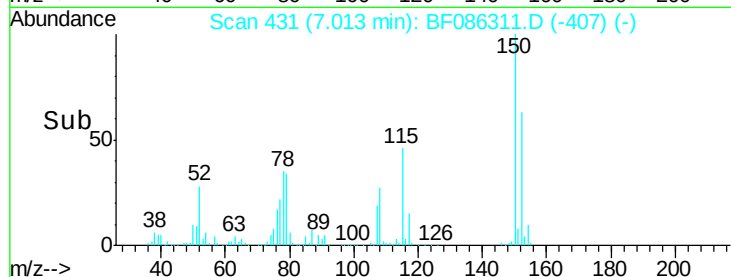
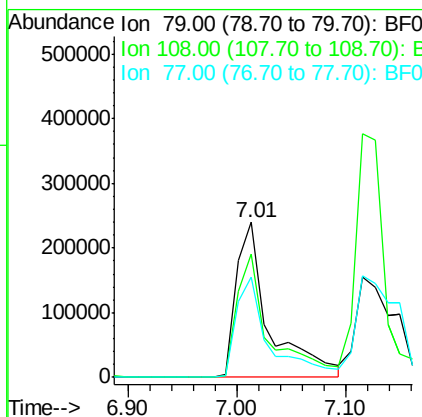
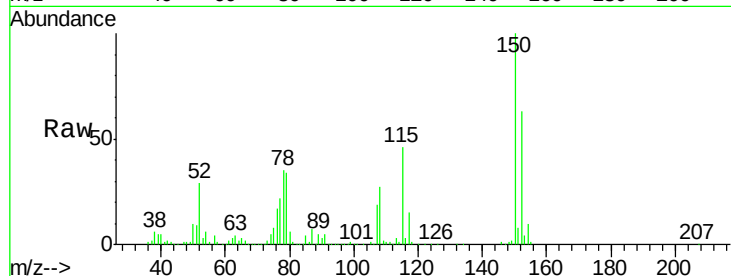
ClientSampleID :

PB89932BS

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Tot Ion:	79	Resp:	499976
Ion Ratio	Lower	Upper	
79	100		
108	79.6	64.8	97.2
77	65.1	51.9	77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.98 ng

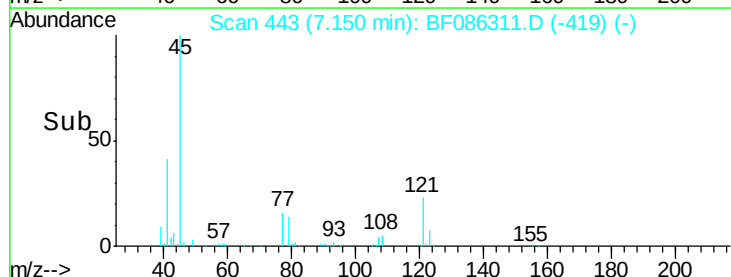
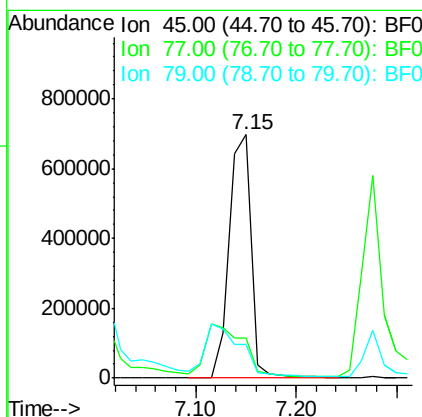
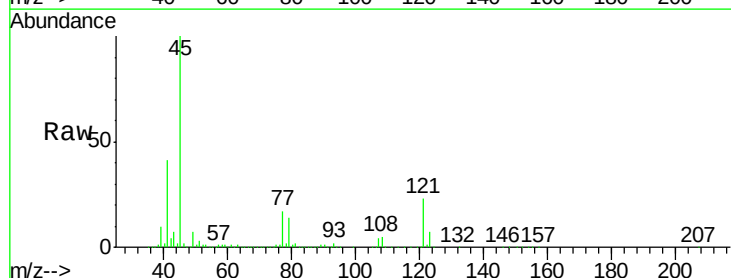
RT: 7.15 min Scan# 443

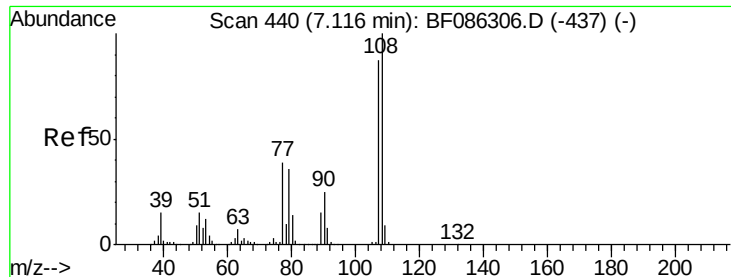
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	45	Resp:	1062573
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	33.7
79	13.9	0.0	30.1





#17

2-Methylphenol

Concen: 38.70 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

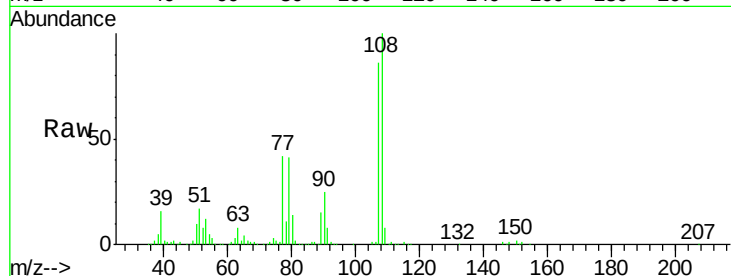
ClientSampleId :

PB89932BS

Tot Ion:	107	Resp:	583173
Ion Ratio	Lower	Upper	
107	100		
108	116.6	92.7	139.1
77	48.5	39.6	59.4
79	47.8	37.4	56.2

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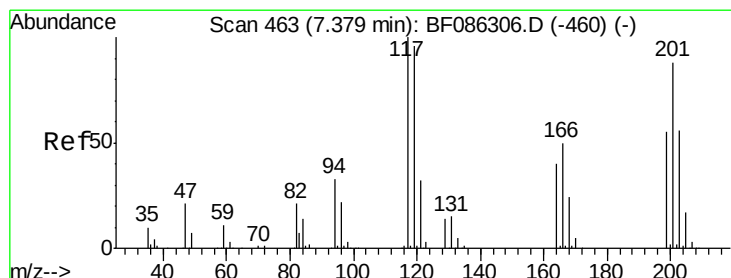
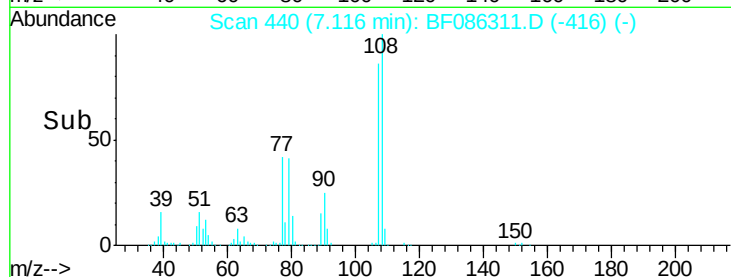
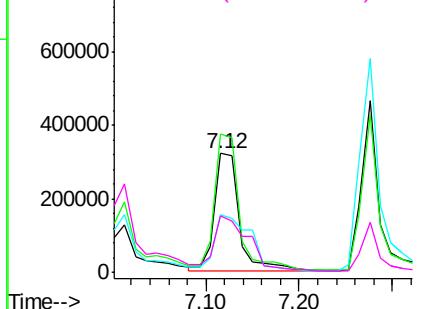


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.84 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF086311.D

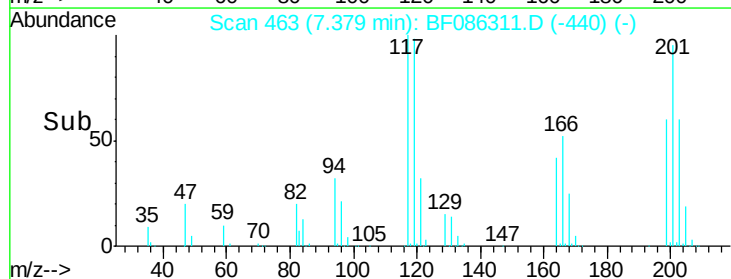
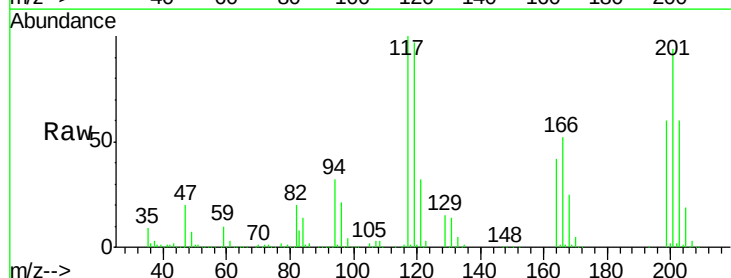
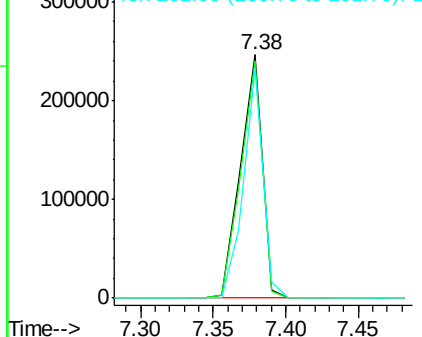
Acq: 20 Apr 2016 16:21

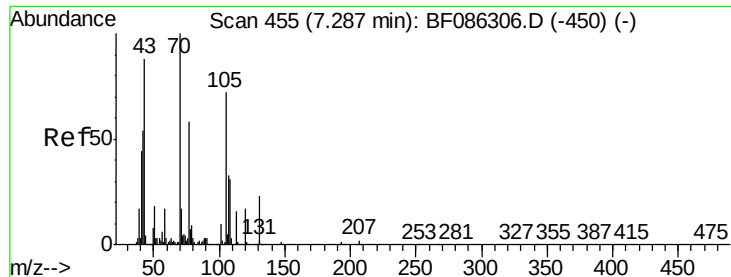
Tgt Ion:	117	Resp:	257315
Ion Ratio	Lower	Upper	
117	100		
119	97.3	78.2	117.4
201	94.4	75.7	113.5

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





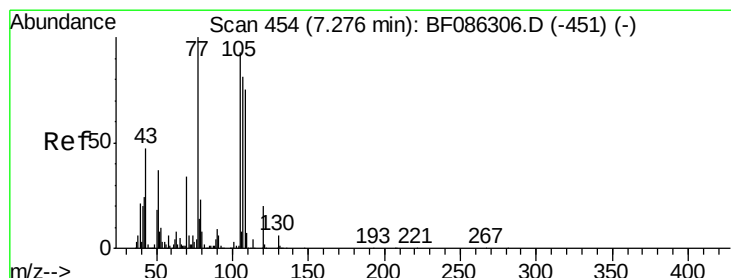
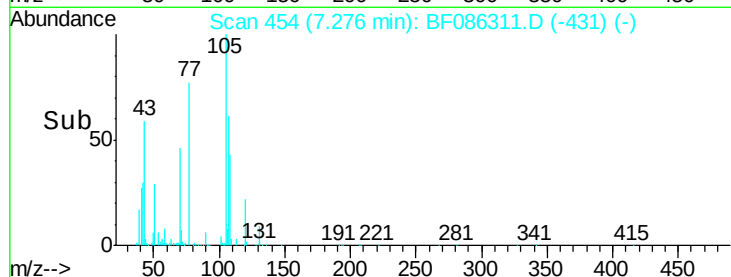
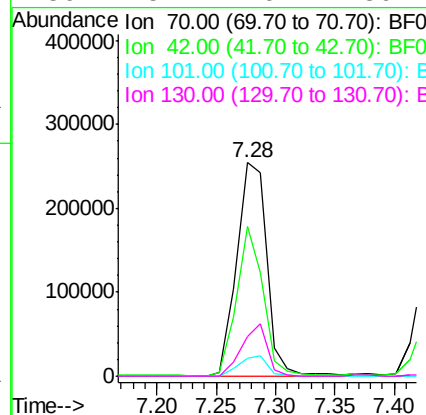
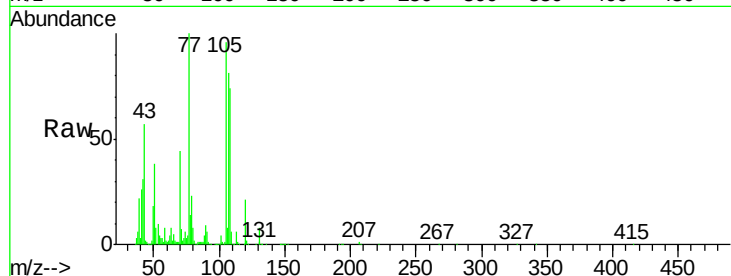
#19
n-Nitroso-di-n-propylamine
Concen: 37.58 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	70.3	43.0	64.4#
101	8.6	8.1	12.1
130	18.4	20.1	30.1#

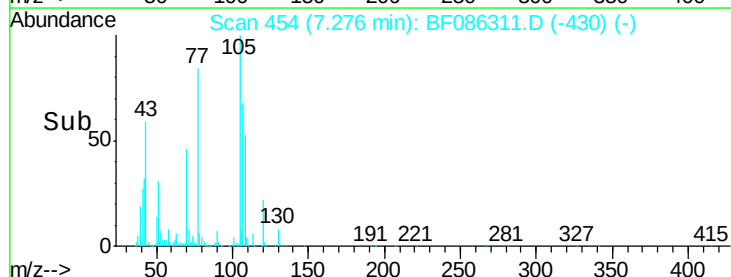
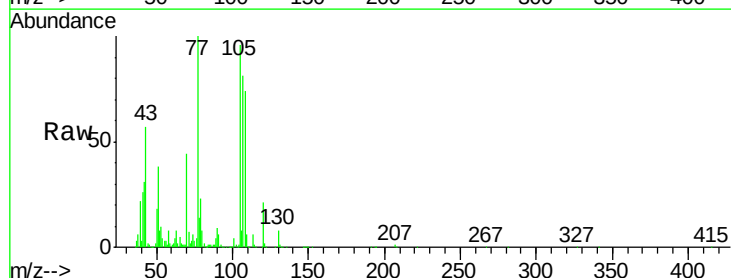
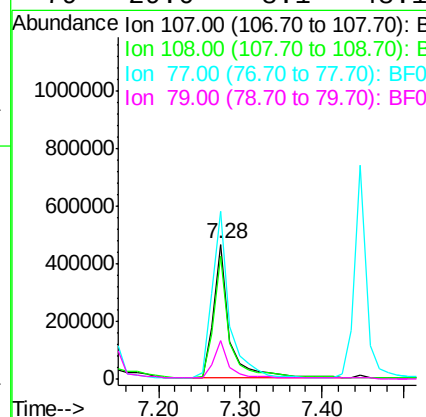
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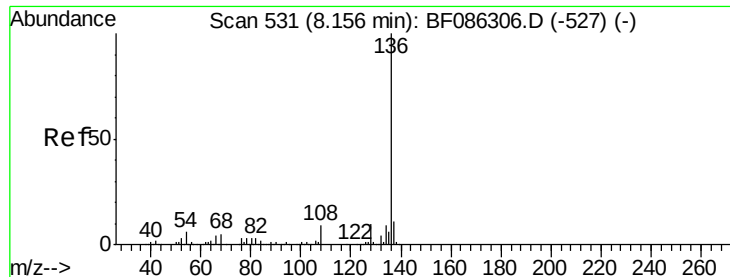
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#20
3+4-Methylphenols
Concen: 39.48 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.7	109.7
77	124.2	60.5	100.5#
79	29.0	8.1	48.1





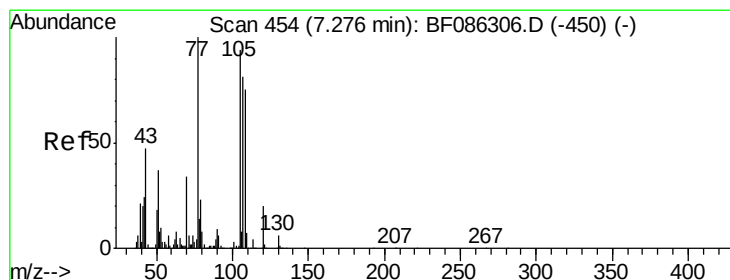
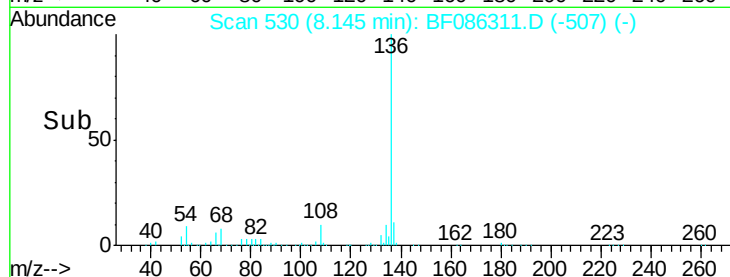
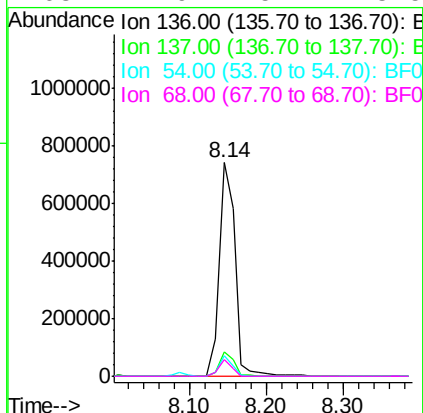
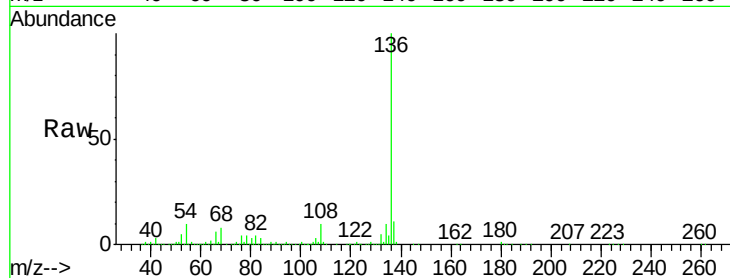
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	136	Resp	1069378
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.6	7.3	10.9
68	7.9	5.7	8.5

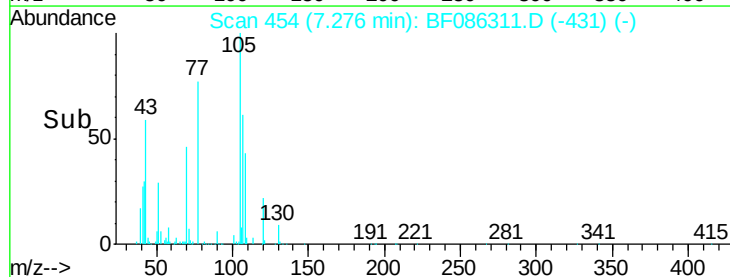
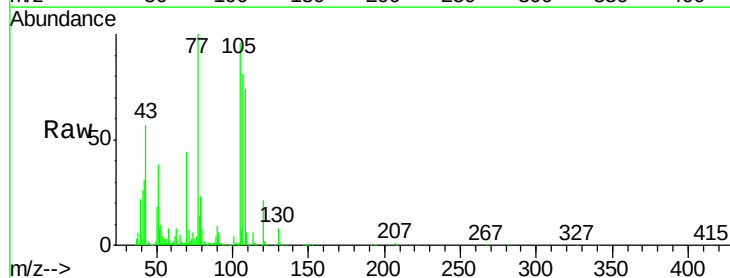
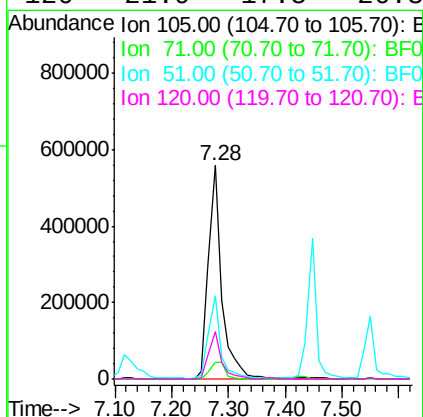
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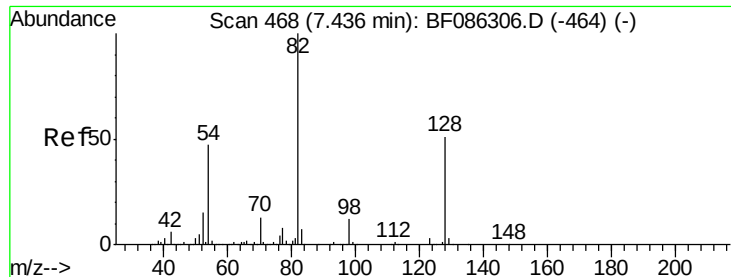
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#22
Acetophenone
Concen: 39.55 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	105	Resp	888410
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.0	6.0#
51	39.1	22.0	33.0#
120	21.9	17.5	26.3





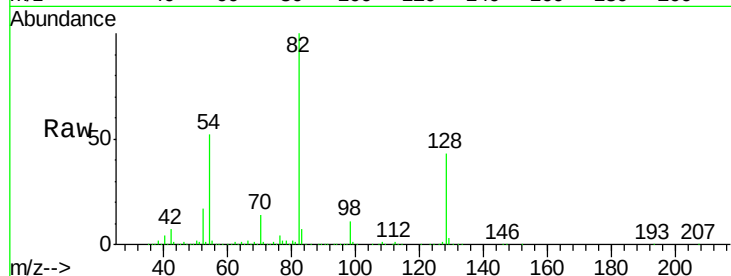
#23
 Nitrobenzene-d5
 Concen: 79.67 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

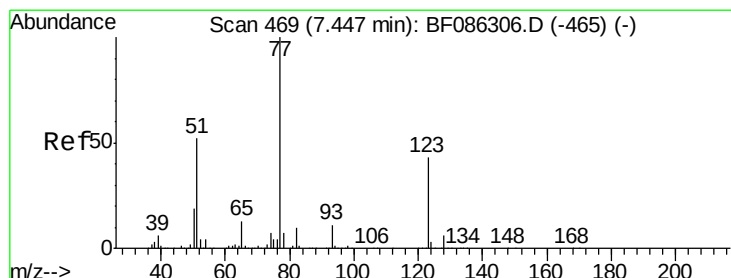
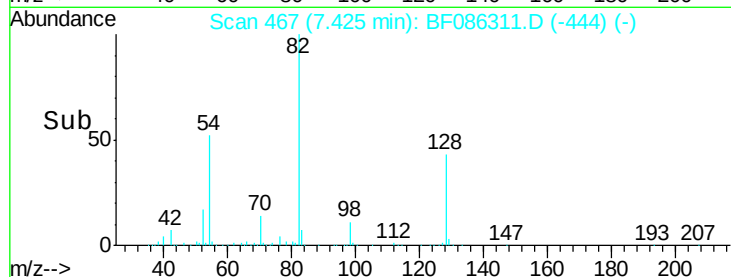
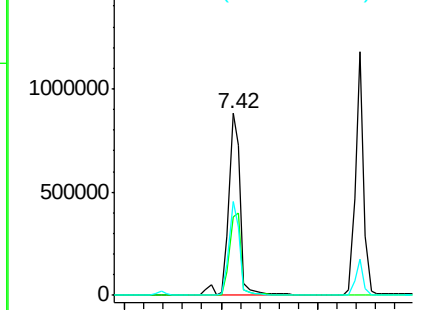
Tot Ion	82	Resp	1487606
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.4	53.2
54	51.9	43.4	65.0

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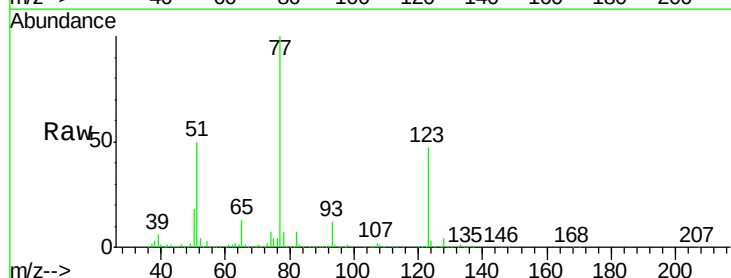


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

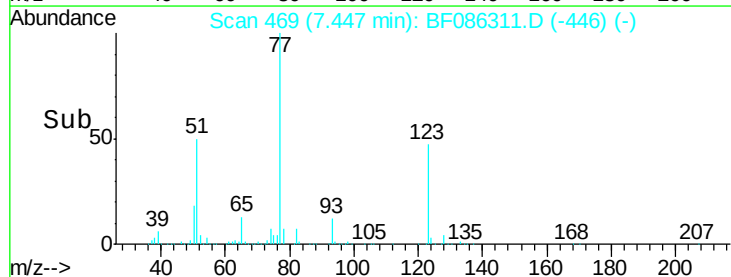
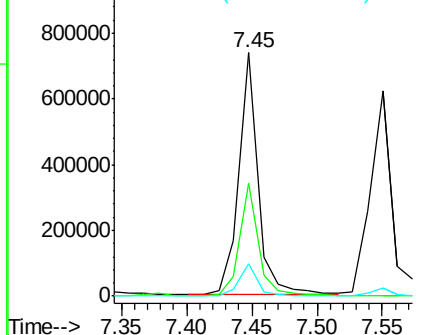


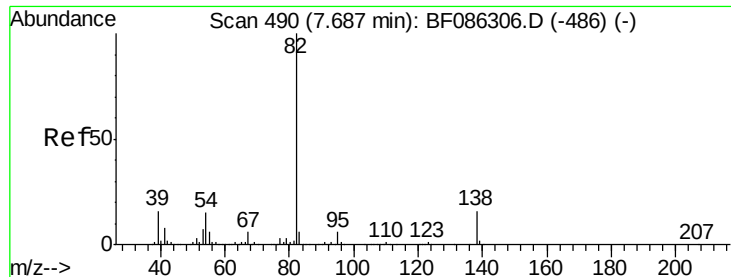
#24
 Nitrobenzene
 Concen: 37.09 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	77	Resp	740977
Ion	Ratio	Lower	Upper
77	100		
123	46.7	38.3	57.5
65	13.2	11.3	16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.29 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion: 82 Resp: 1354738

Ion Ratio Lower Upper

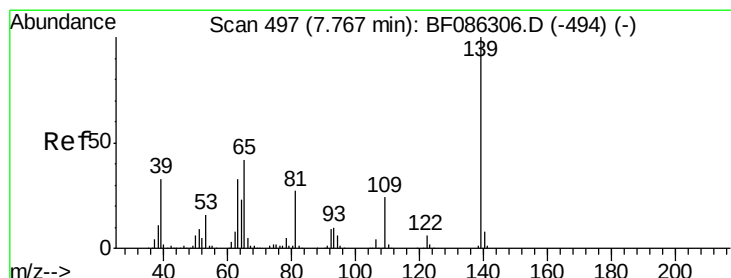
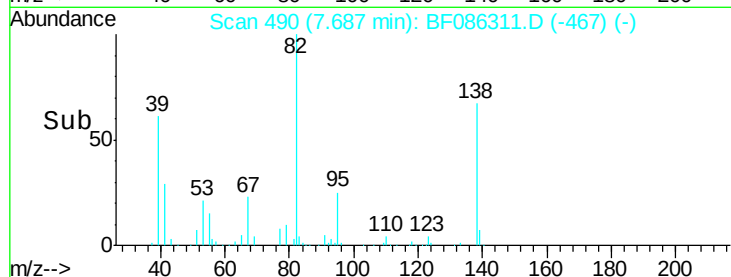
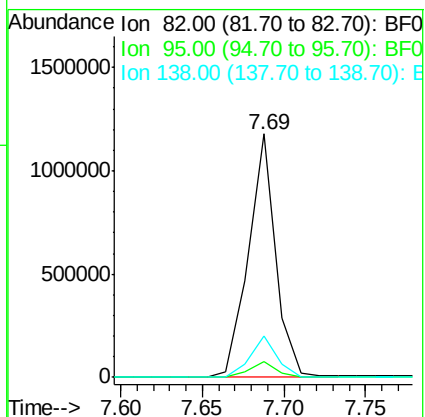
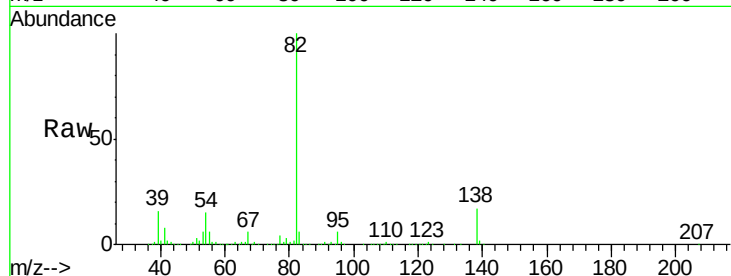
82 100

95 6.4 5.4 8.2

138 17.1 13.4 20.2

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#26

2-Nitrophenol

Concen: 43.66 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

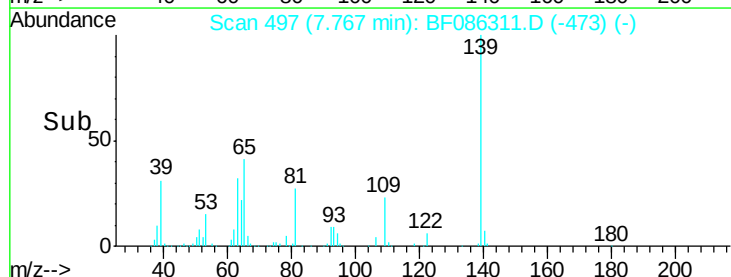
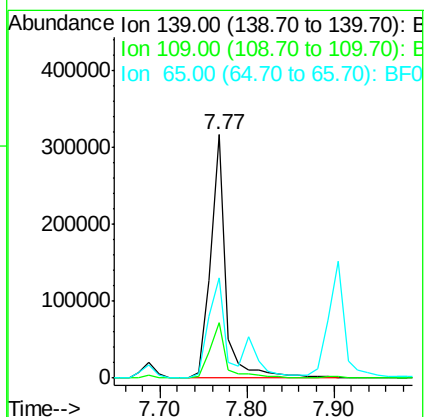
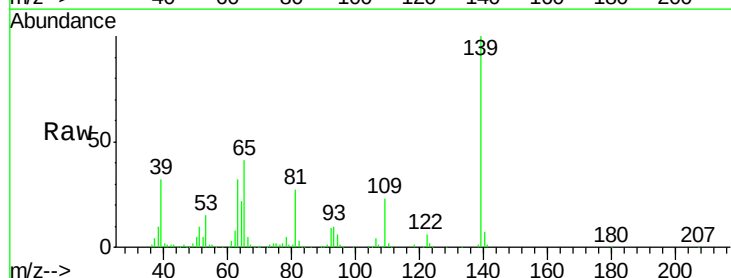
Tgt Ion: 139 Resp: 390071

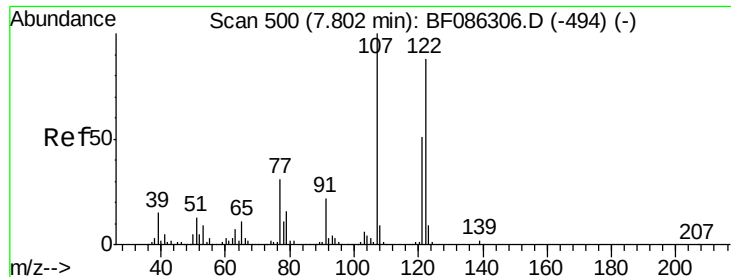
Ion Ratio Lower Upper

139 100

109 23.0 25.8 38.8#

65 41.2 50.2 75.2#





#27

2,4-Dimethylphenol

Concen: 38.60 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

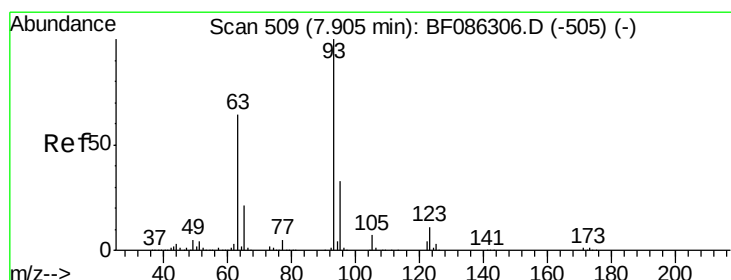
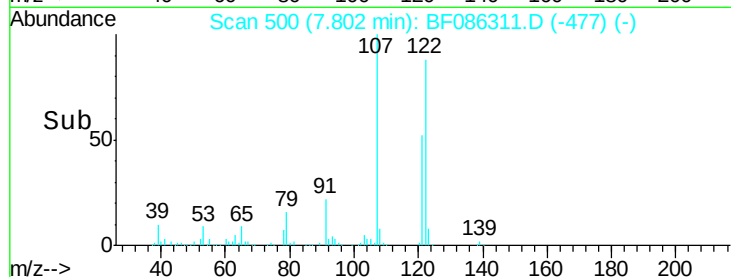
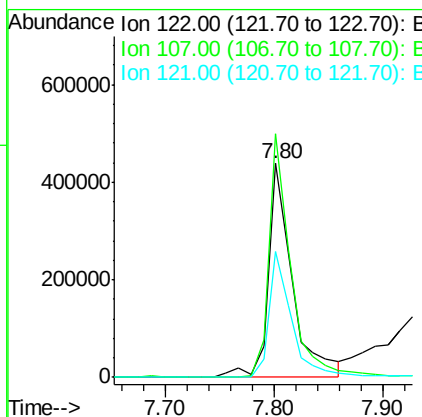
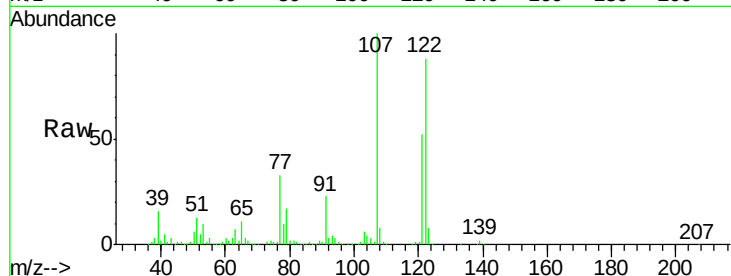
ClientSampleId :

PB89932BS

Tot Ion:	122	Resp:	676496
Ion Ratio	Lower	Upper	
122	100		
107	113.9	85.8	128.6
121	58.8	47.1	70.7

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#28

bis(2-Chloroethoxy)methane

Concen: 43.12 ng

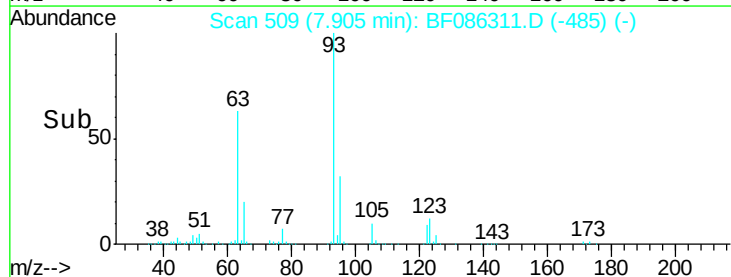
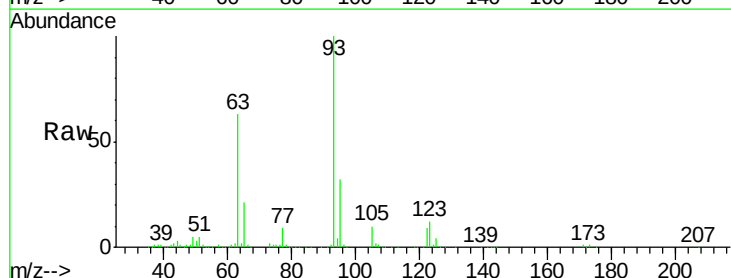
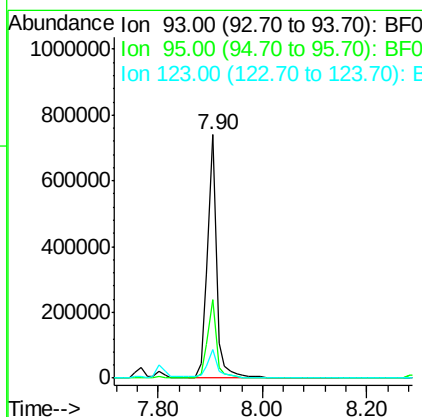
RT: 7.90 min Scan# 509

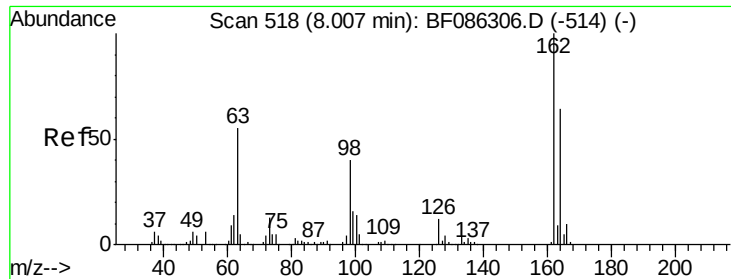
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	93	Resp:	892221
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.8	38.8
123	11.9	8.9	13.3





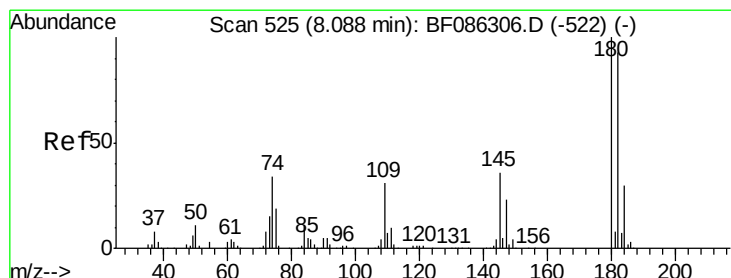
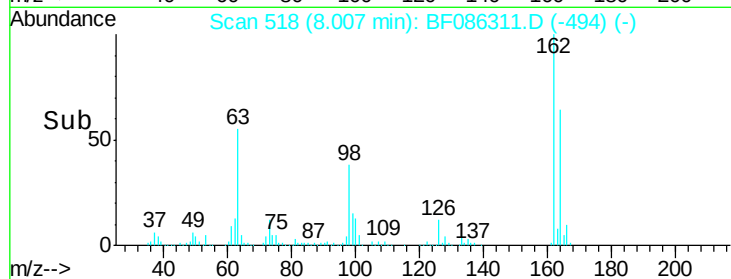
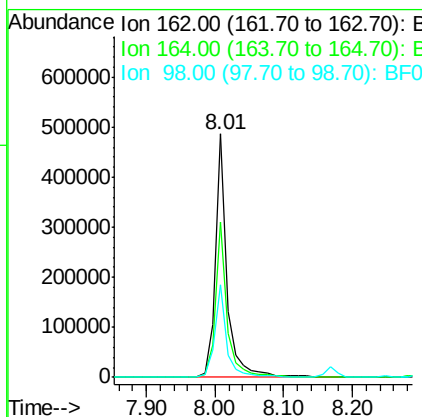
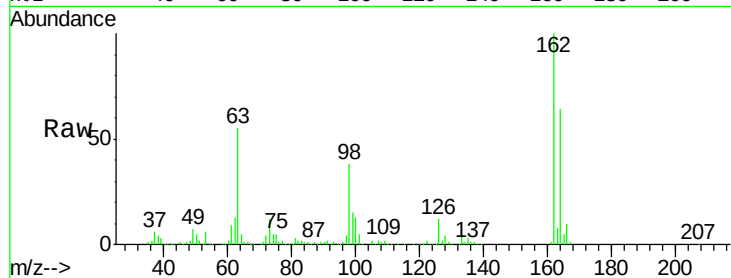
#29
 2,4-Dichlorophenol
 Concen: 42.49 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	587226		
164	63.6	43.3	83.3	
98	38.0	22.9	62.9	

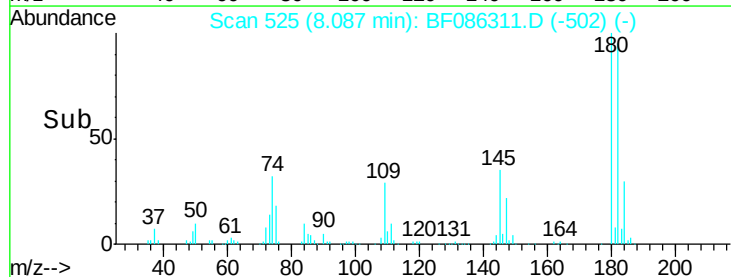
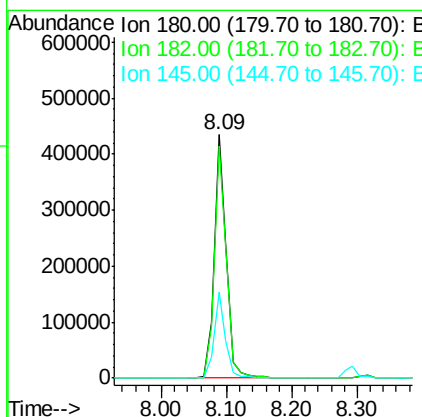
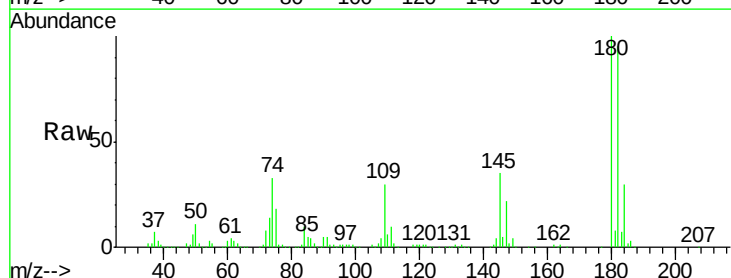
Manual Integrations
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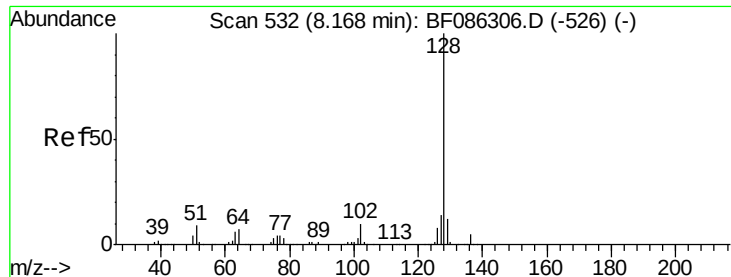
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.48 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	573603		
182	95.3	76.3	114.5	
145	35.3	27.4	41.2	





#31

Naphthalene

Concen: 38.45 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion:128 Resp: 1960159

Ion Ratio Lower Upper

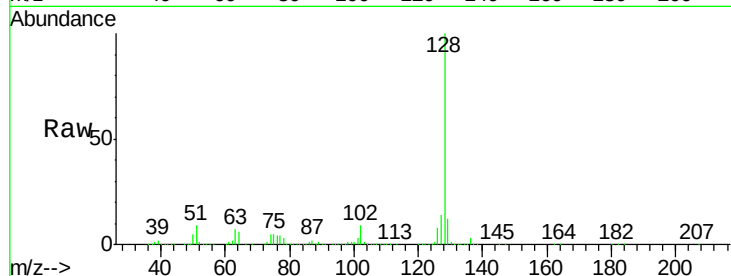
128 100

129 11.7 9.6 14.4

127 13.9 11.4 17.2

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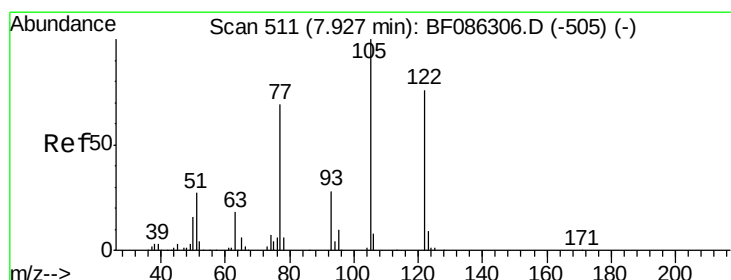
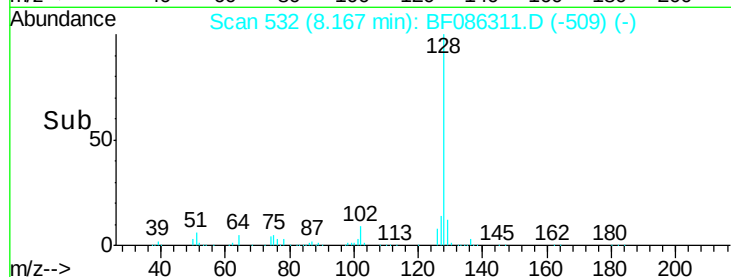
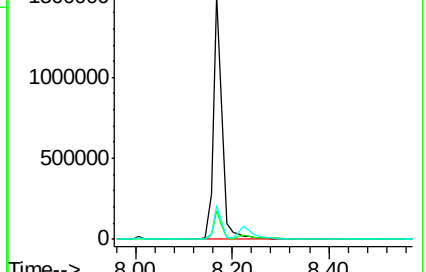
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

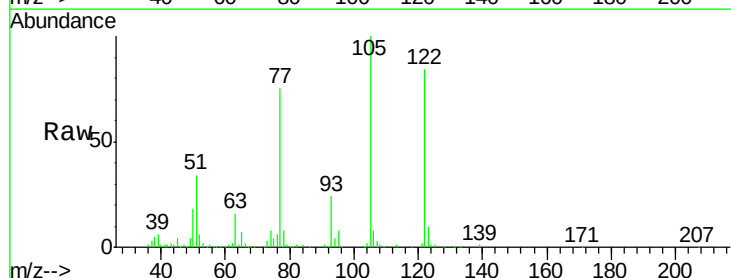
Tgt Ion:122 Resp: 406131

Ion Ratio Lower Upper

122 100

105 119.7 103.7 143.7

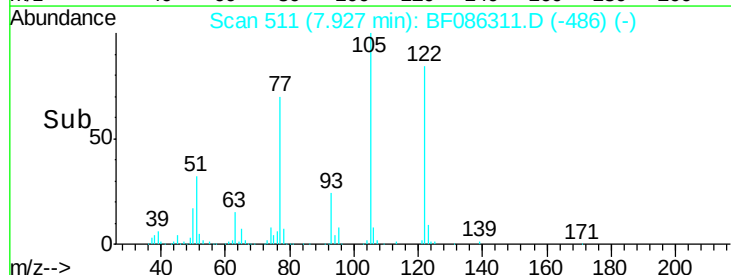
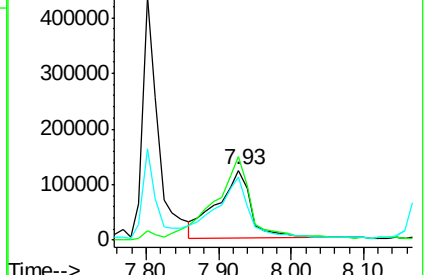
77 90.4 74.9 114.9

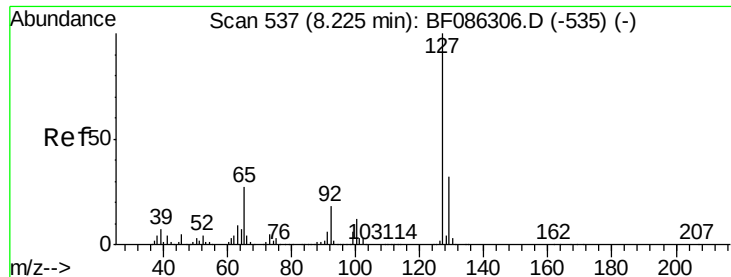


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.74 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

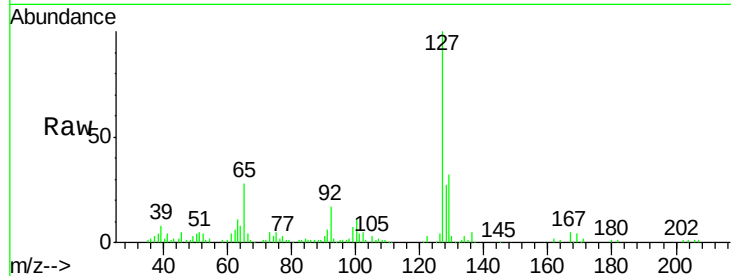
ClientSampleId :

PB89932BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.8	40.2		
65	27.9	27.1	40.7		
92	17.2	16.2	24.2		

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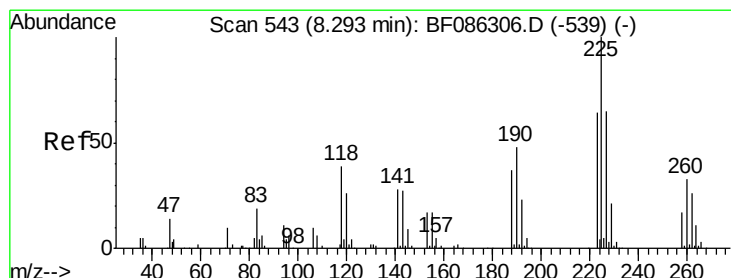
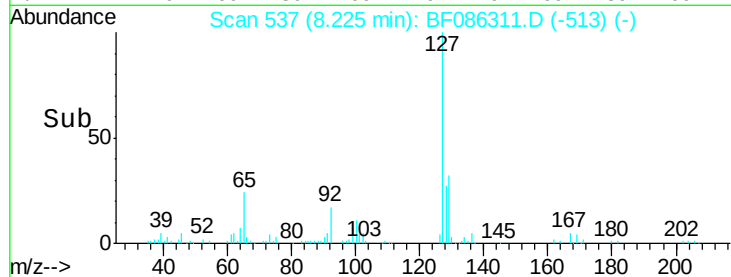
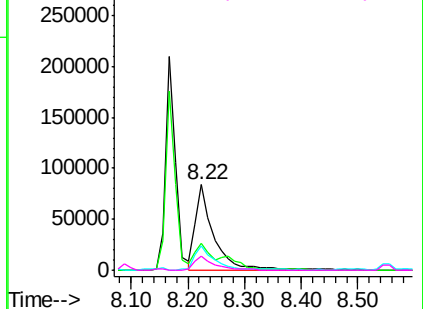


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.00 ng

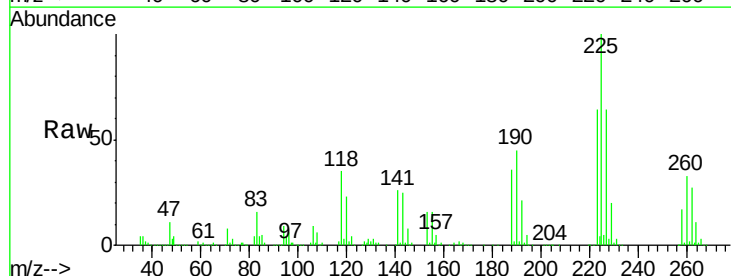
RT: 8.29 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

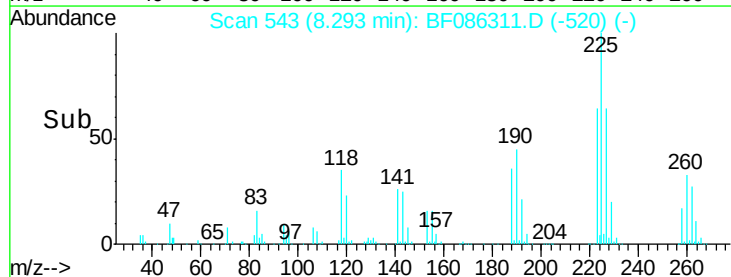
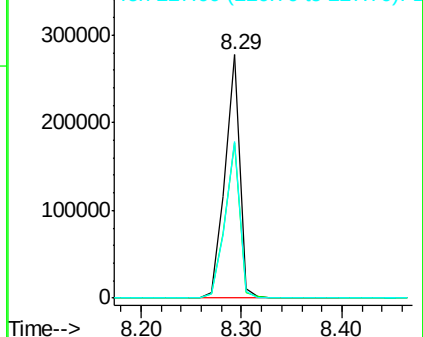
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.4	74.0		
227	64.4	51.1	76.7		

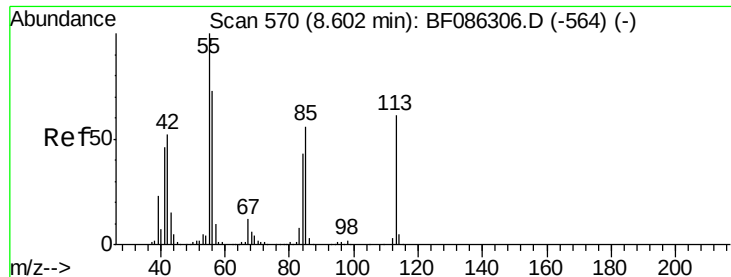


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.73 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

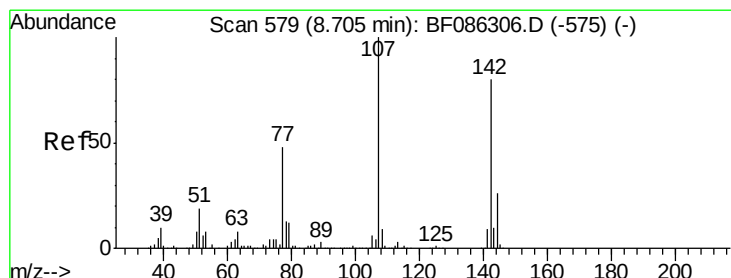
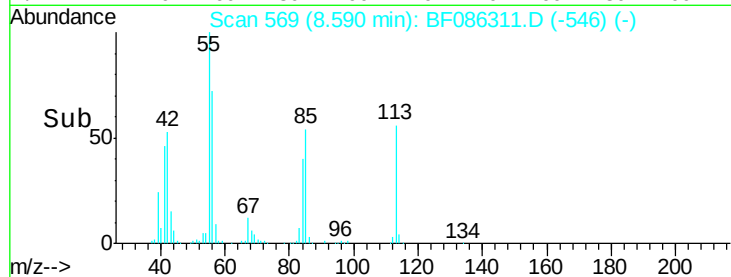
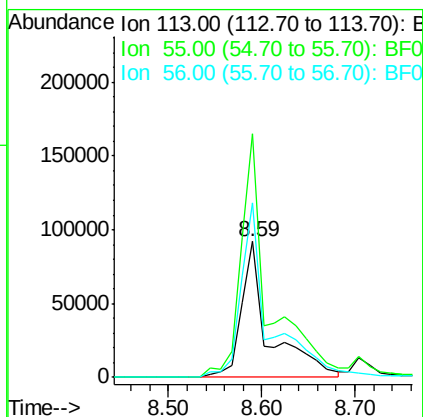
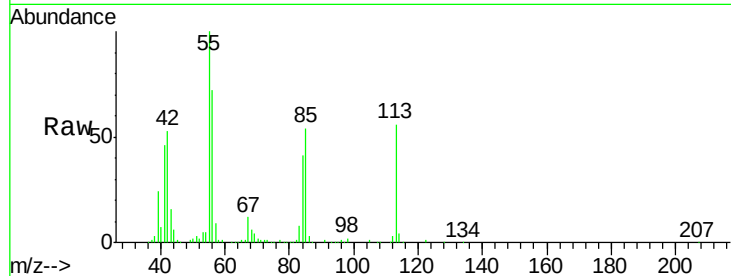
ClientSampleId :

PB89932BS

Tot Ion:	113	Resp:	191241
Ion Ratio	Lower	Upper	
113	100		
55	179.1	117.5	157.5#
56	128.2	82.5	122.5#

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#36

4-Chloro-3-methylphenol

Concen: 39.85 ng

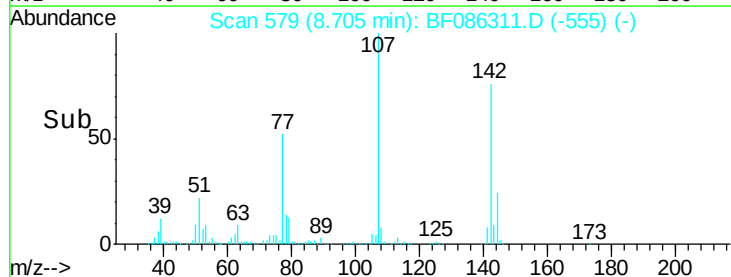
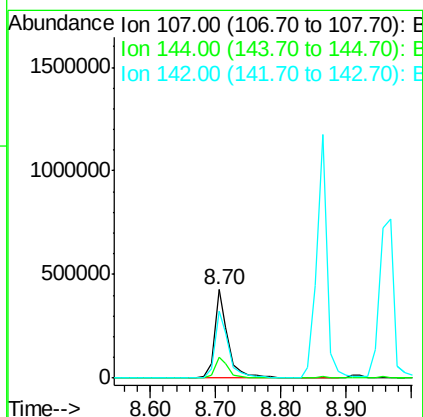
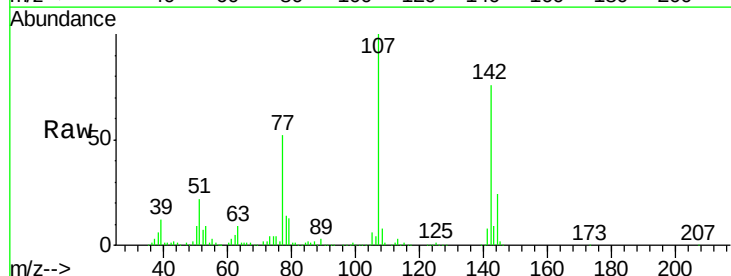
RT: 8.70 min Scan# 579

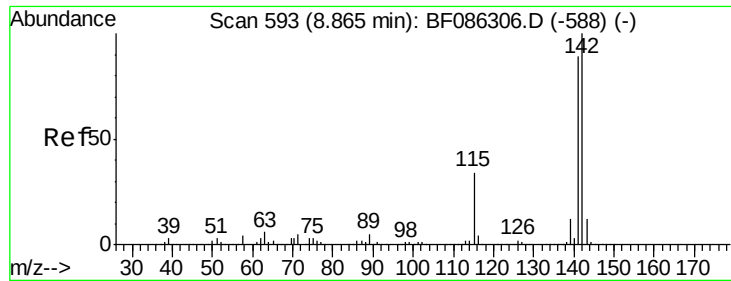
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	107	Resp:	619204
Ion Ratio	Lower	Upper	
107	100		
144	24.4	20.7	31.1
142	75.7	64.5	96.7





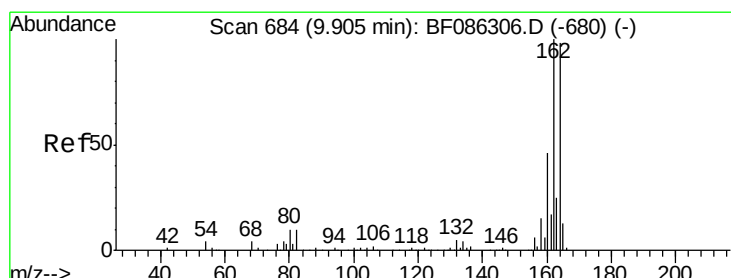
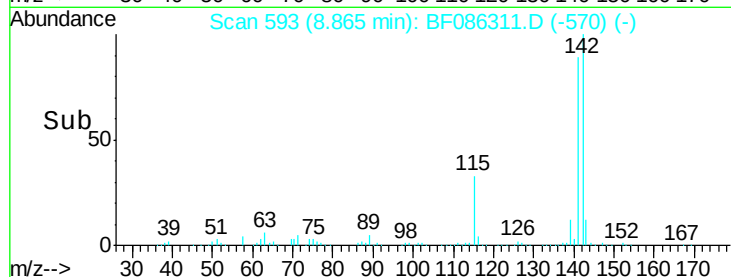
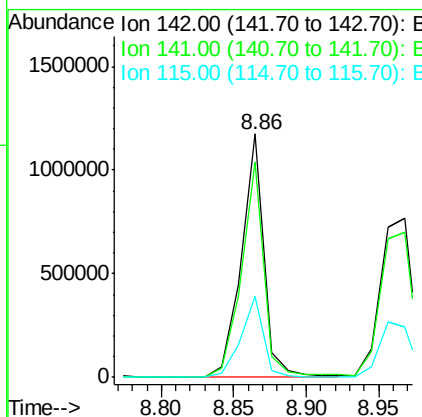
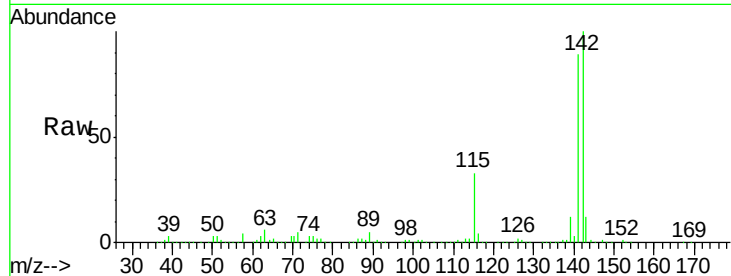
#37
2-Methylnaphthalene
Concen: 40.34 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	33.3	25.1	37.7

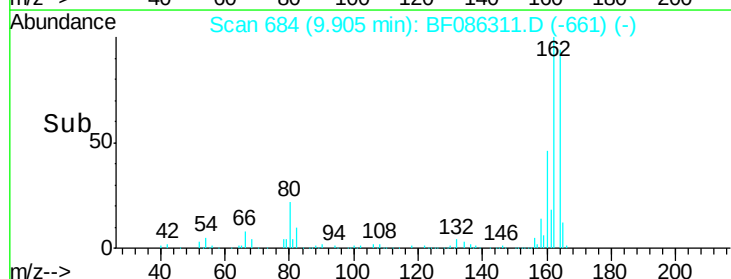
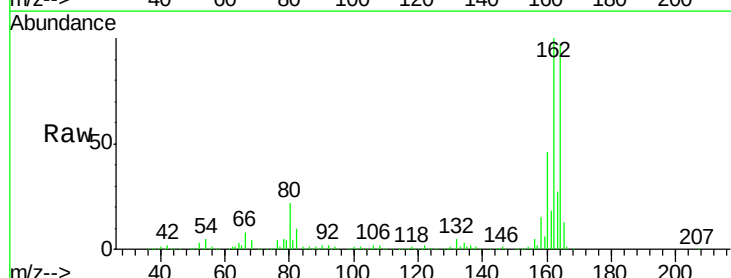
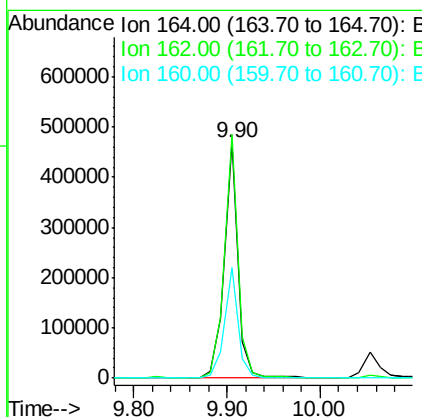
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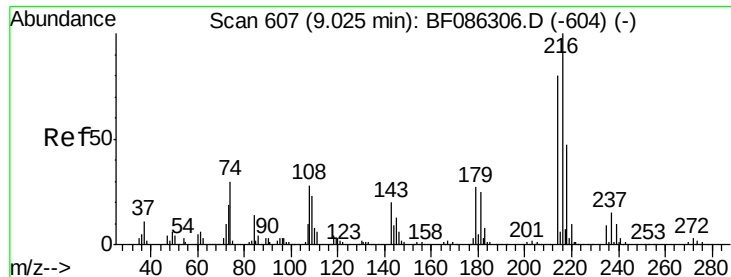
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.8	124.2
160	47.1	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.65 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

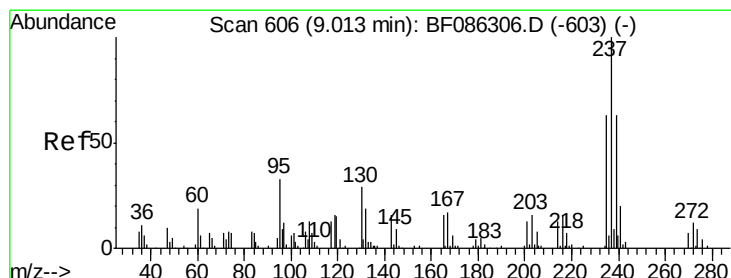
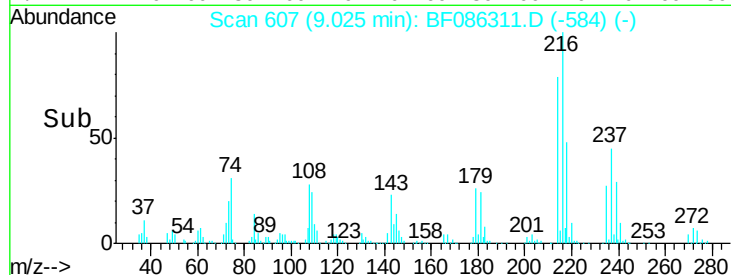
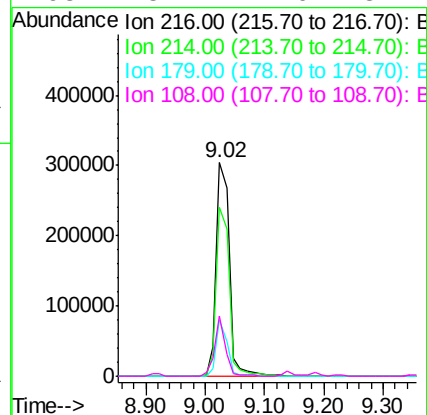
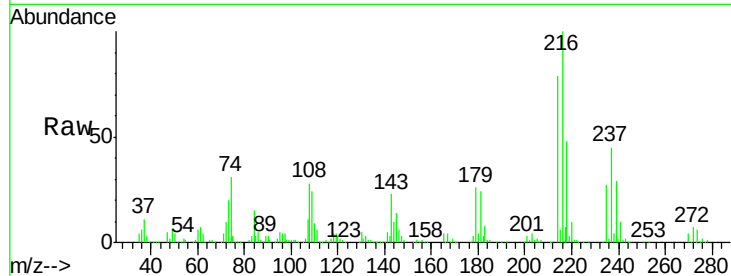
ClientSampleId :

PB89932BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		467912		
214	78.8		64.9	97.3	
179	22.5		19.8	29.6	
108	23.1		21.0	31.4	

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#40

Hexachlorocyclopentadiene

Concen: 98.34 ng

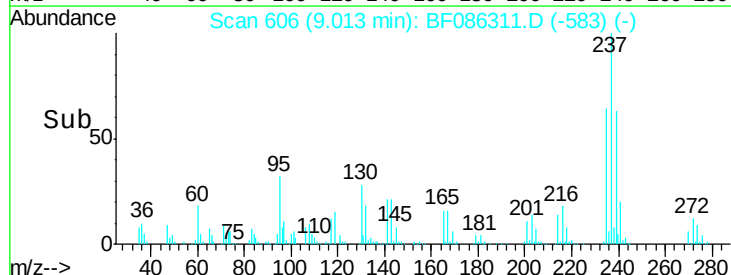
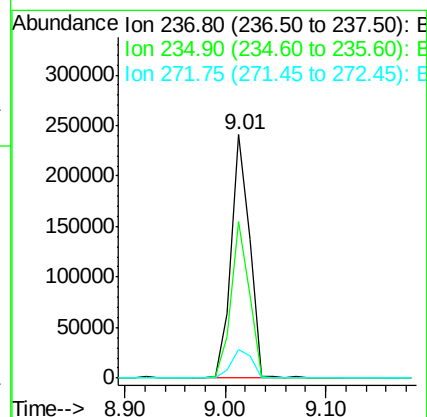
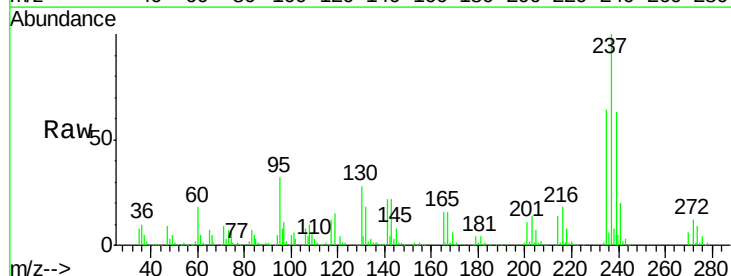
RT: 9.01 min Scan# 606

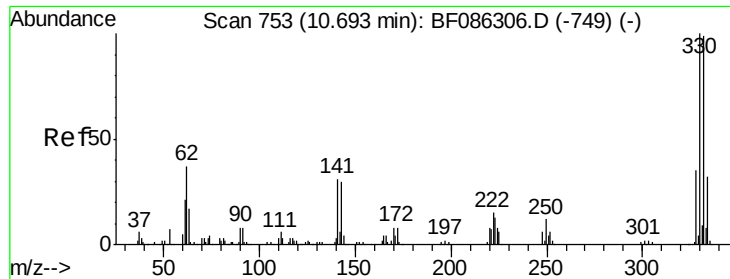
Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		309780		
235	64.4		44.0	84.0	
272	11.7		0.0	32.4	





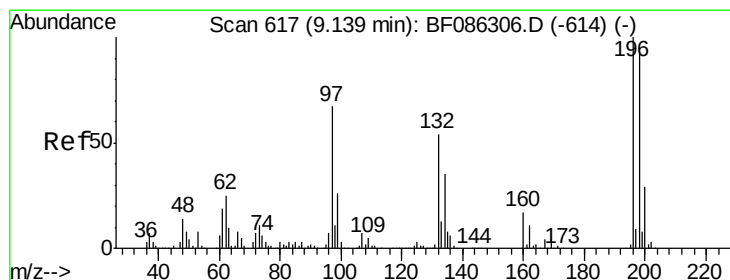
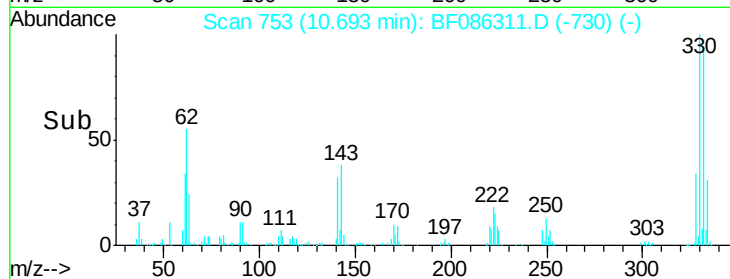
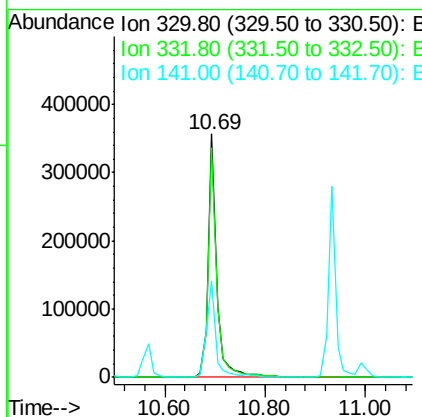
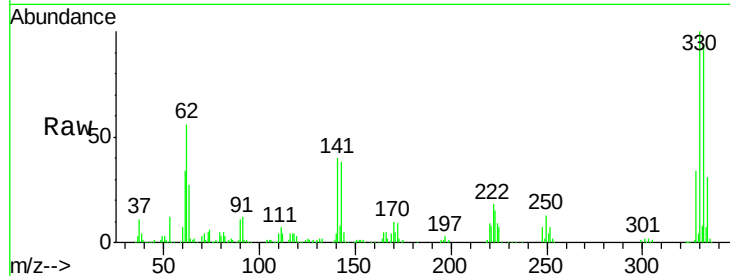
#41
 2,4,6-Tribromophenol
 Concen: 114.42 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.7	118.1
141	42.8	28.6	42.8

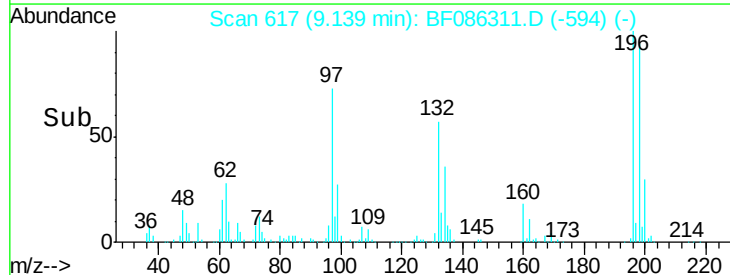
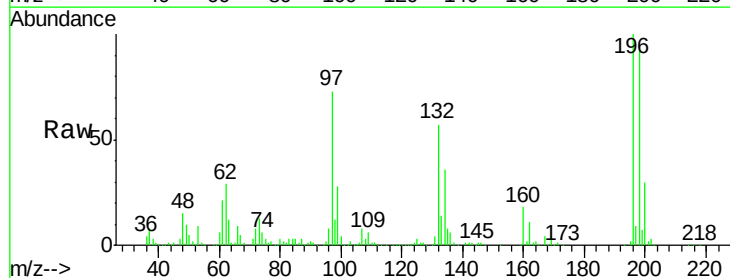
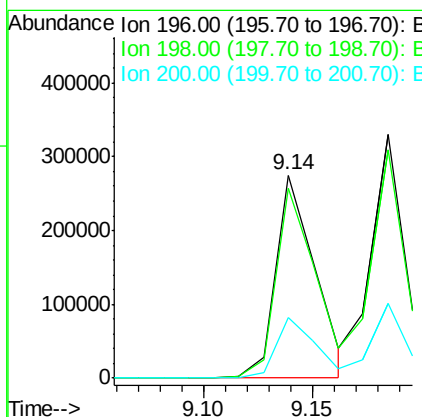
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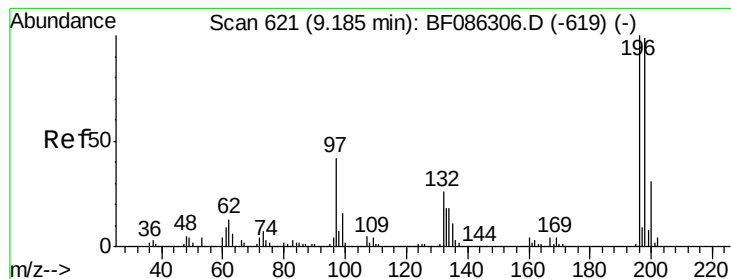
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#42
 2,4,6-Trichlorophenol
 Concen: 39.12 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.6	115.0
200	29.8	25.3	37.9





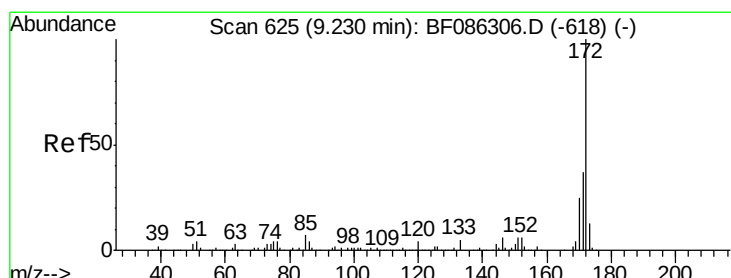
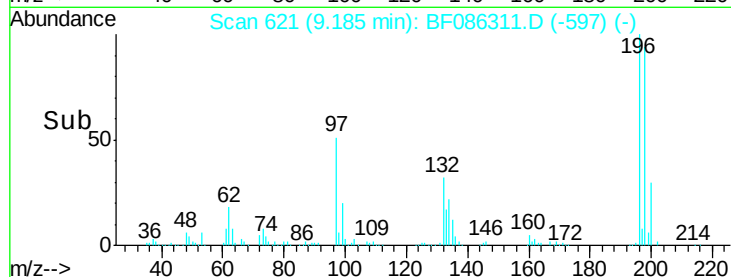
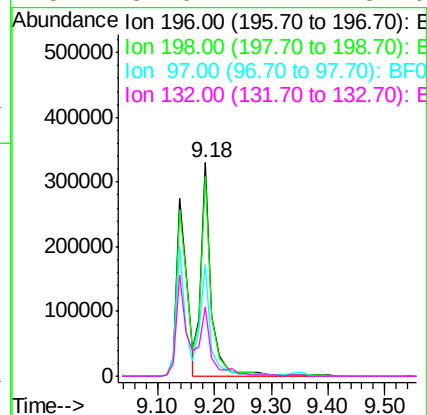
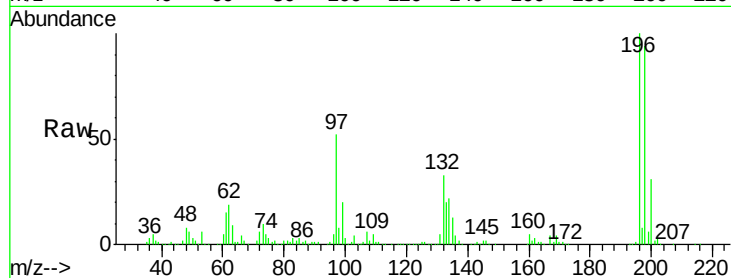
#43
 2,4,5-Trichlorophenol
 Concen: 42.77 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampled :
 PB89932BS

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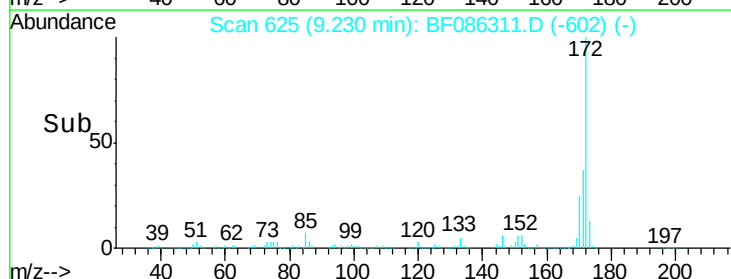
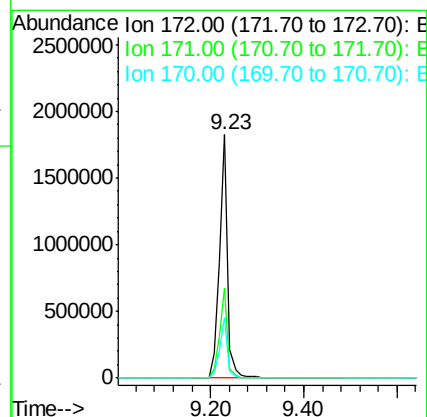
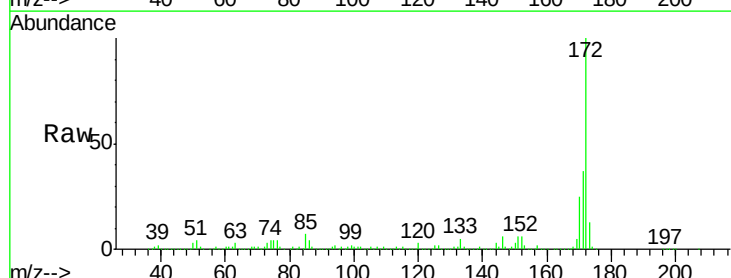
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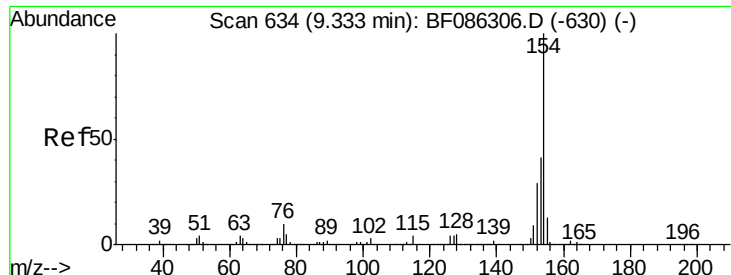
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		412605		
198	93.7	77.7	116.5		
97	52.4	32.6	48.8#		
132	32.6	21.4	32.0#		



#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2231164		
171	36.8	29.1	43.7		
170	25.0	19.9	29.9		





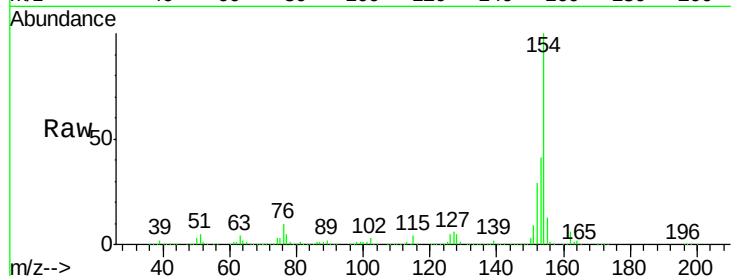
#45
 1,1'-Biphenyl
 Concen: 39.31 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampled :
 PB89932BS

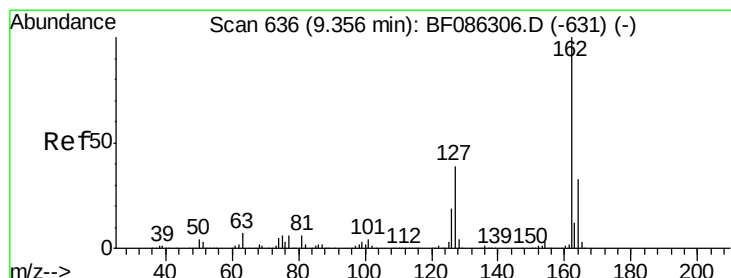
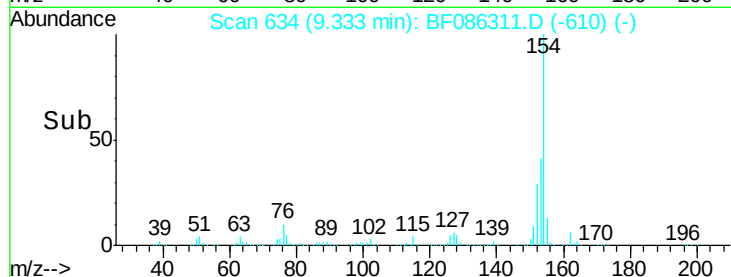
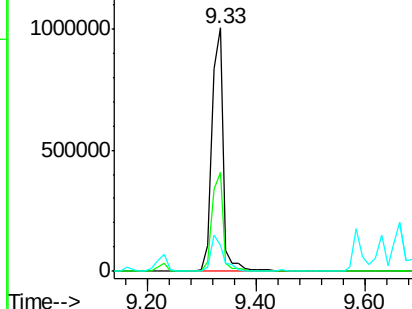
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	10.5	0.0	36.4

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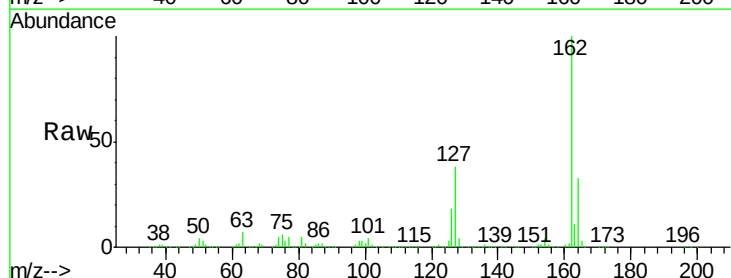


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

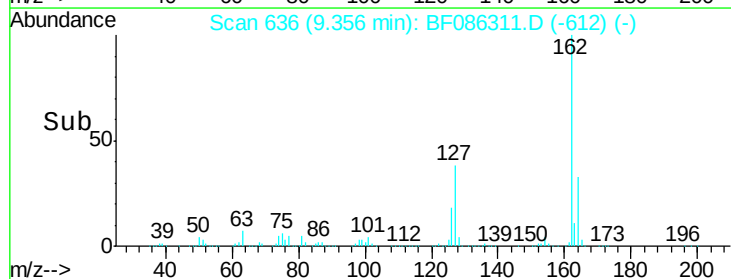
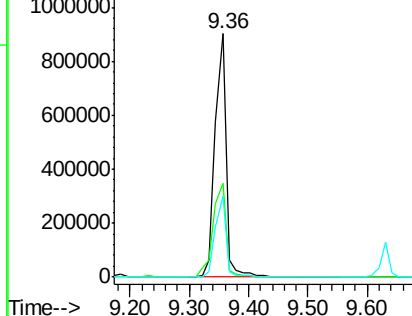


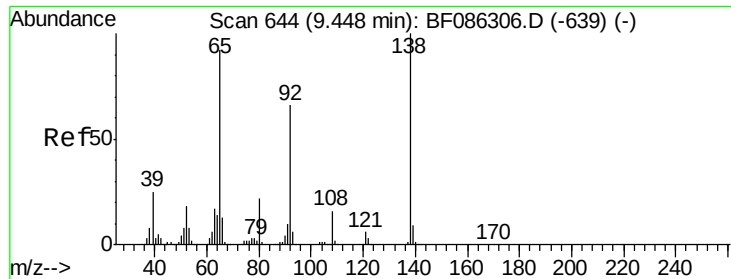
#46
 2-Chloronaphthalene
 Concen: 40.88 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	36.7	55.1
164	33.2	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: 41.34 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

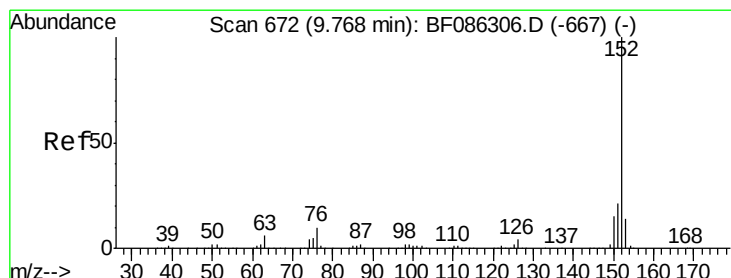
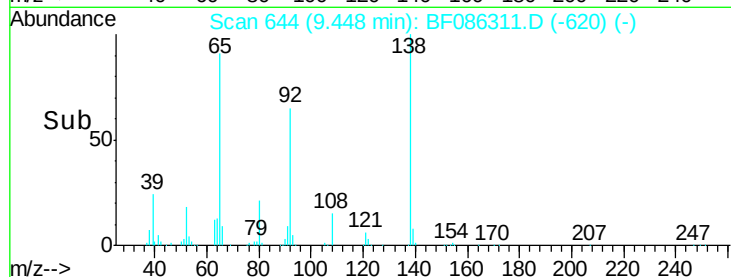
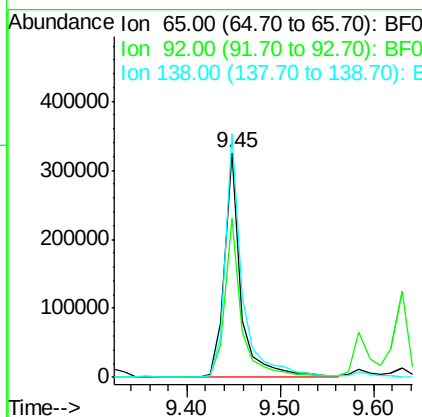
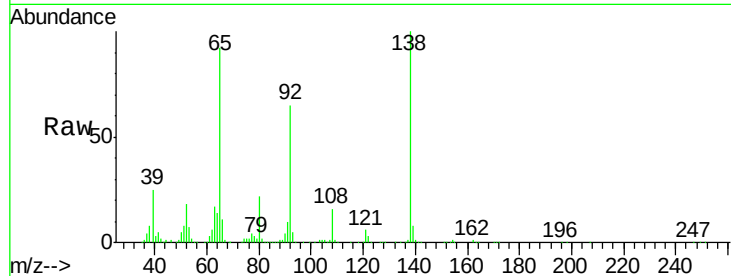
ClientSampleId :

PB89932BS

Tot Ion:	65	Resp:	401122
Ion Ratio	Lower	Upper	
65	100		
92	70.7	51.9	77.9
138	108.5	72.6	108.8

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#48

Acenaphthylene

Concen: 40.51 ng

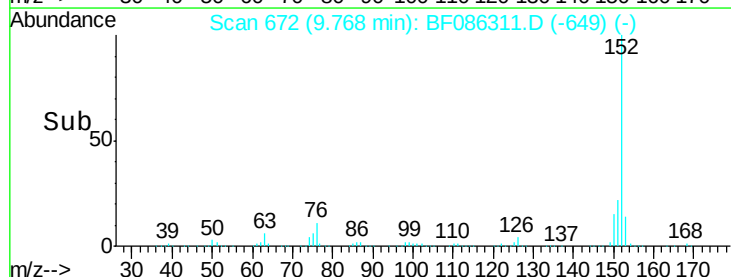
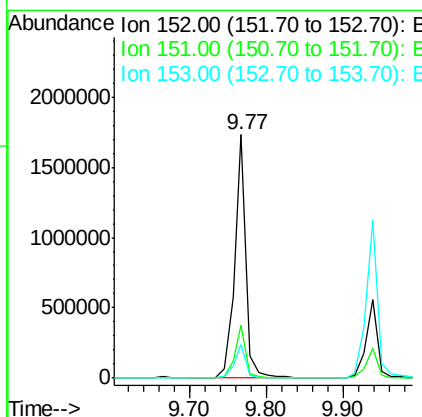
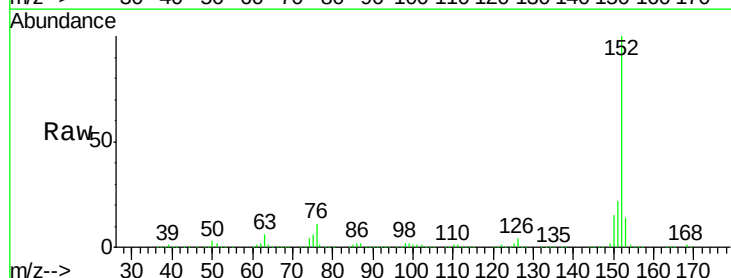
RT: 9.77 min Scan# 672

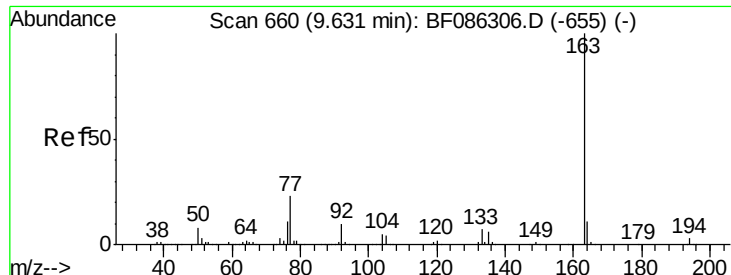
Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	152	Resp:	1805720
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.8	10.7	16.1





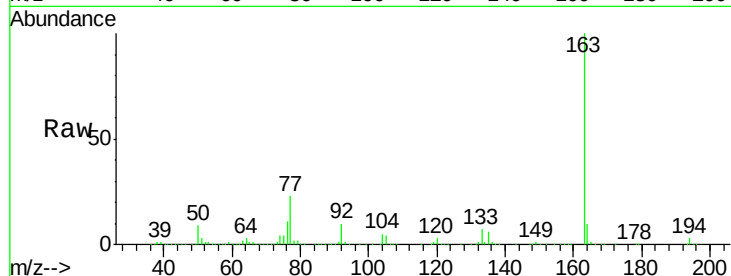
#49
Dimethylphthalate
Concen: 37.38 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

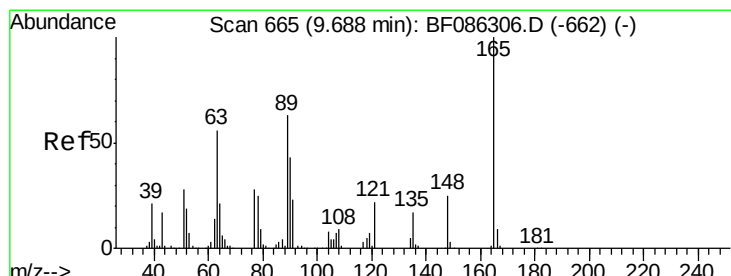
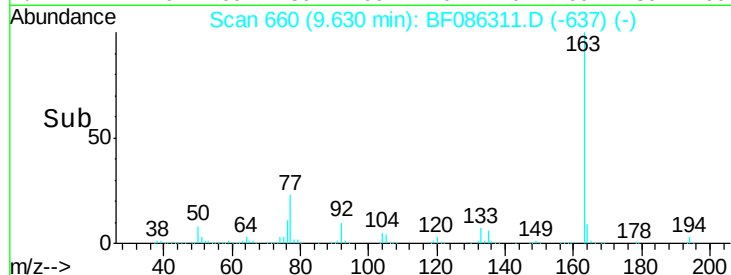
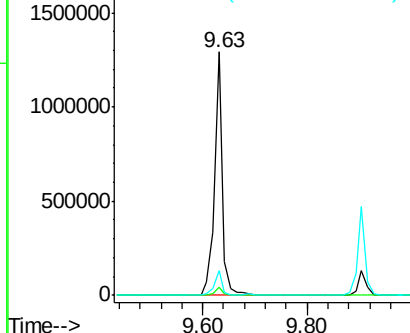
Tot Ion	Ratio	Resp	Lower	Upper
163	100	1365151		
194	3.2		2.8	4.2
164	10.2		8.4	12.6

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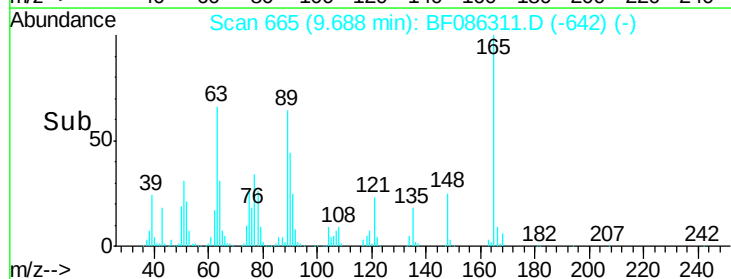
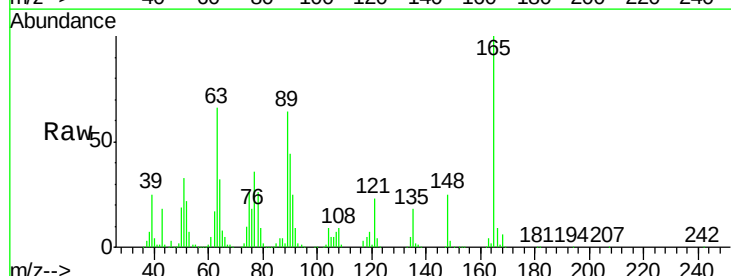
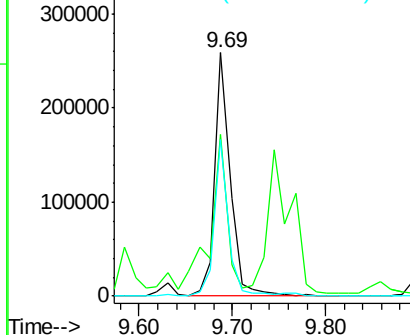
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

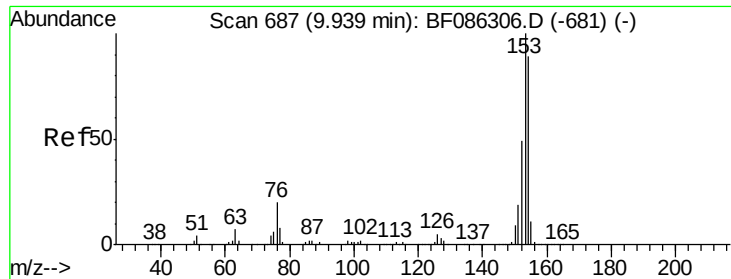


#50
2,6-Dinitrotoluene
Concen: 39.66 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	298035		
63	66.4		35.1	52.7#
89	64.3		39.8	59.6#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.58 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion:154 Resp: 1139732

Ion Ratio Lower Upper

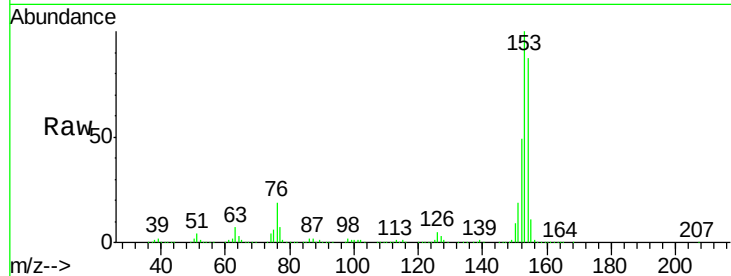
154 100

153 114.3 90.0 135.0

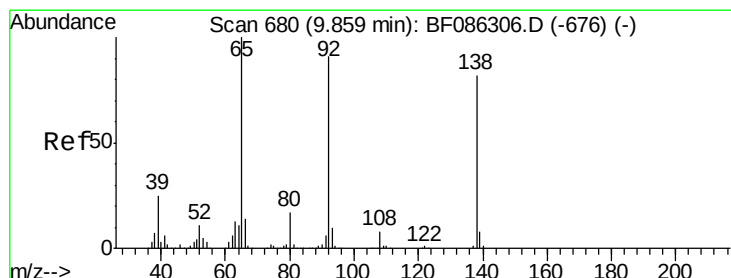
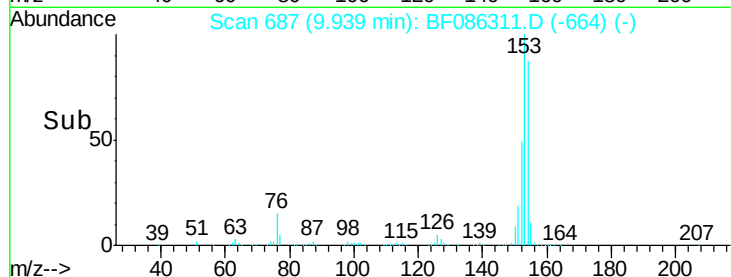
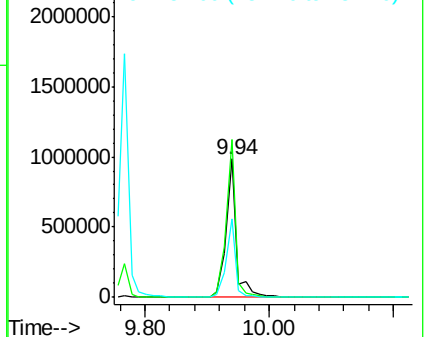
152 56.5 44.3 66.5

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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: 15.78 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

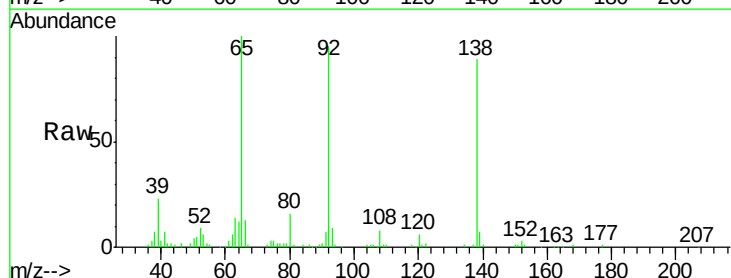
Tgt Ion:138 Resp: 150798

Ion Ratio Lower Upper

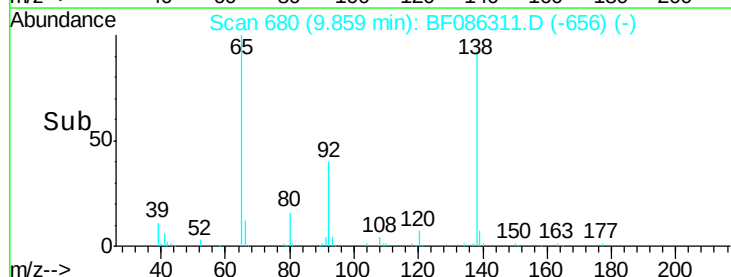
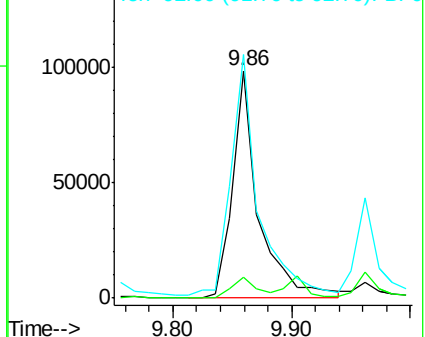
138 100

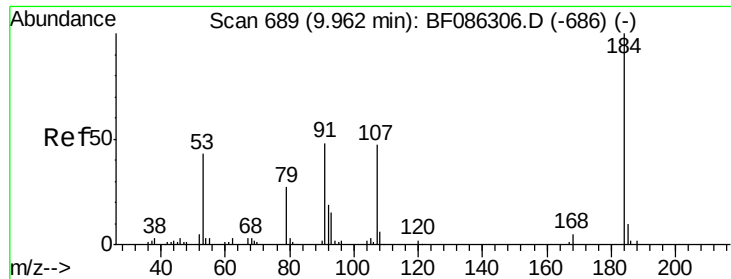
108 9.0 9.0 13.4

92 107.1 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





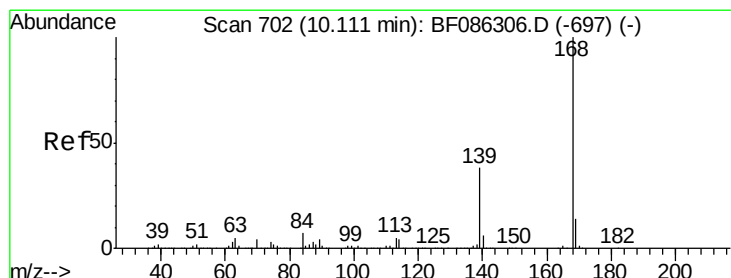
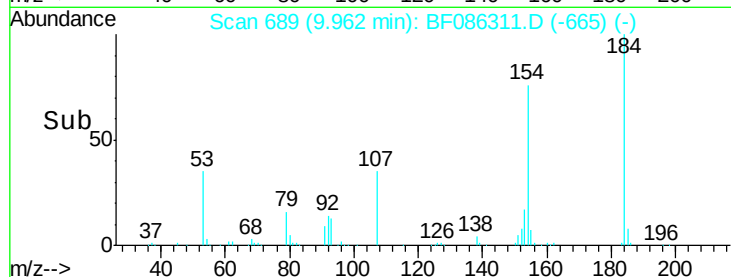
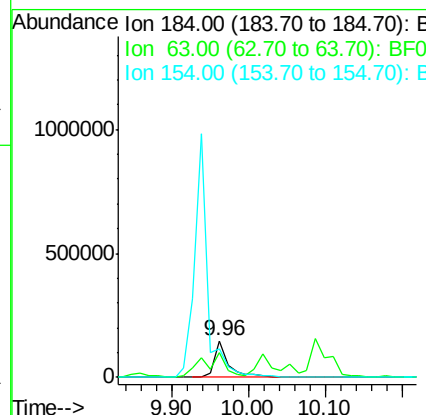
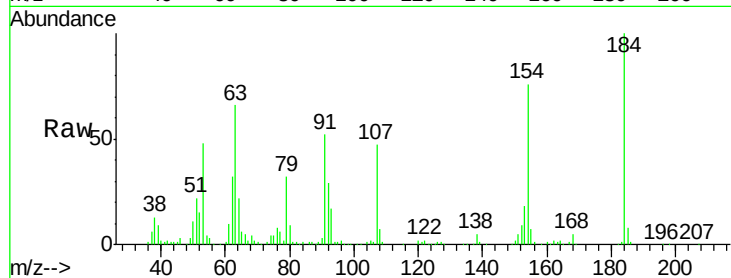
#53
2,4-Dinitrophenol
Concen: 117.43 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	189538		
63	66.2	64.7	97.1	
154	76.4	59.4	89.2	

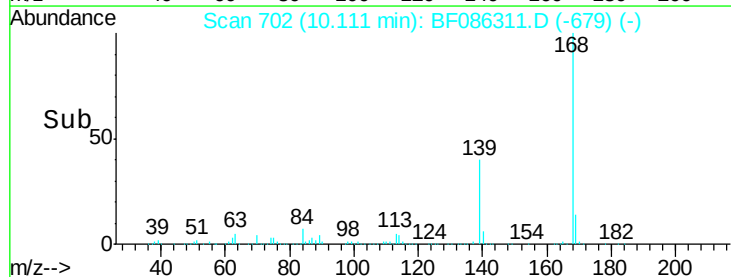
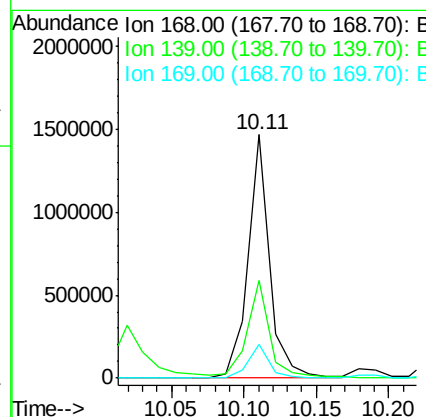
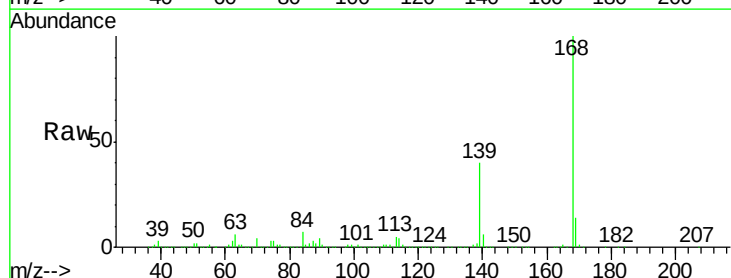
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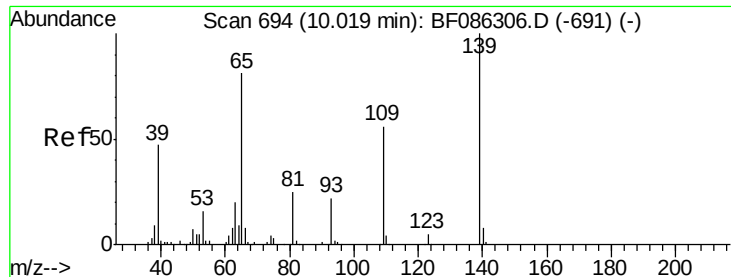
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#54
Dibenzofuran
Concen: 42.76 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1520536		
139	40.3	29.5	44.3	
169	14.0	10.6	16.0	





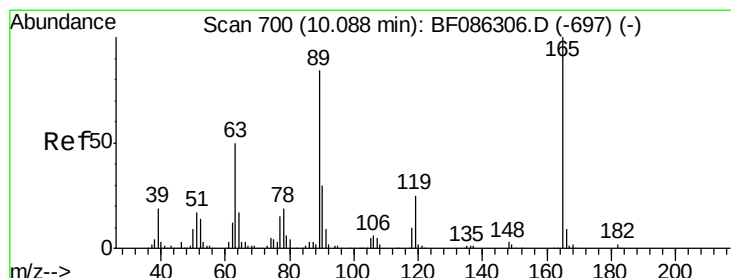
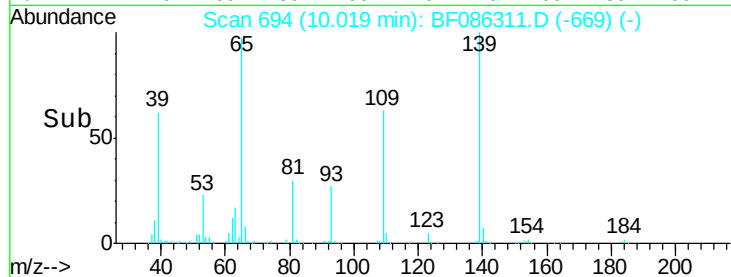
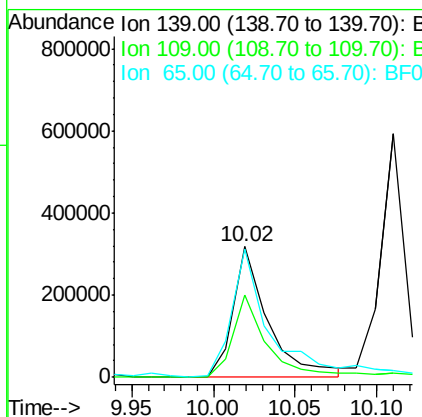
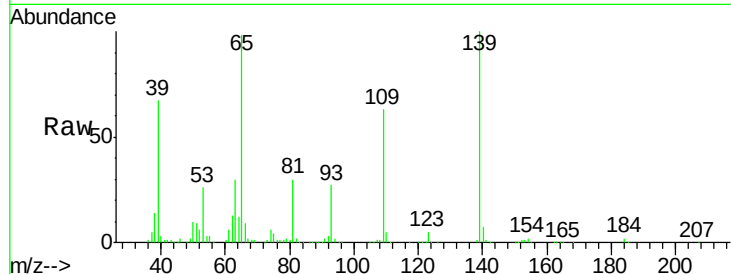
#55
4-Nitrophenol
Concen: 80.66 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	478020		
109	62.8	55.0	95.0	
65	98.3	87.3	127.3	

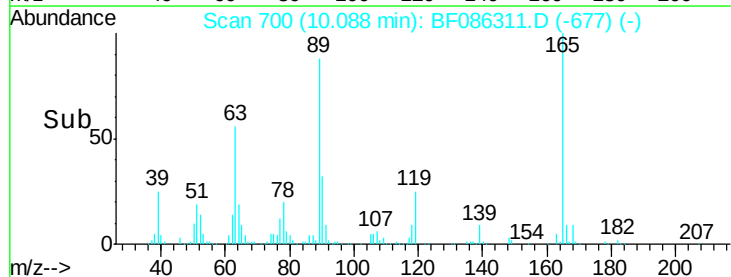
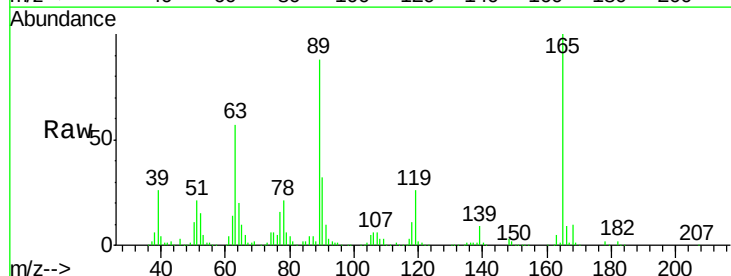
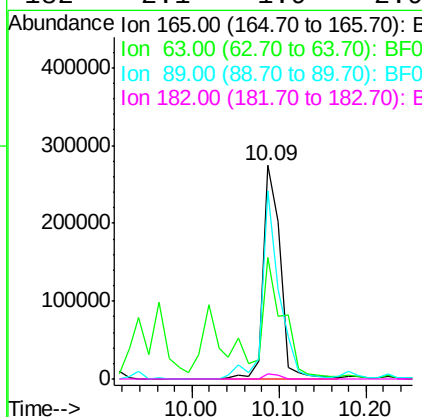
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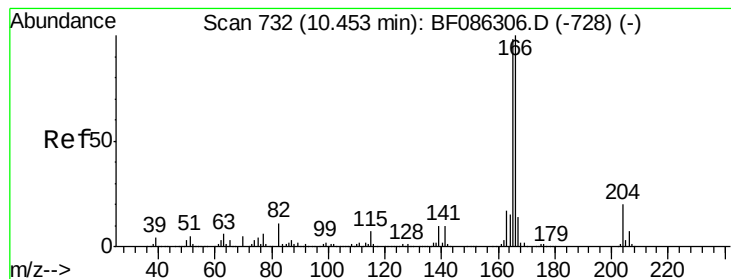
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#56
2,4-Dinitrotoluene
Concen: 40.20 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	375530		
63	56.8	26.6	40.0#	
89	88.2	49.5	74.3#	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 41.76 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion:166 Resp: 1100220

Ion Ratio Lower Upper

166 100

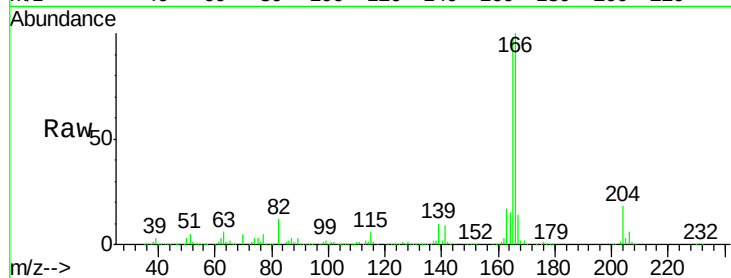
165 98.3 78.6 117.8

167 13.8 10.4 15.6

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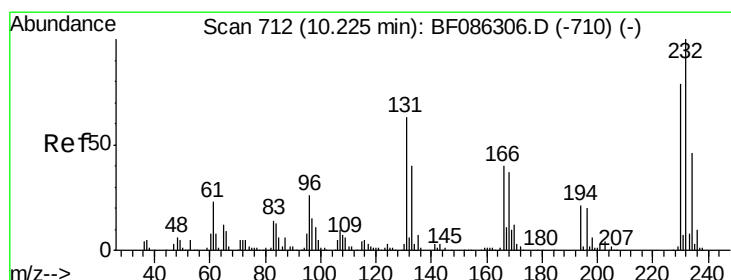
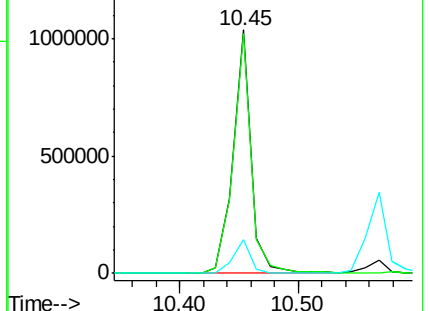
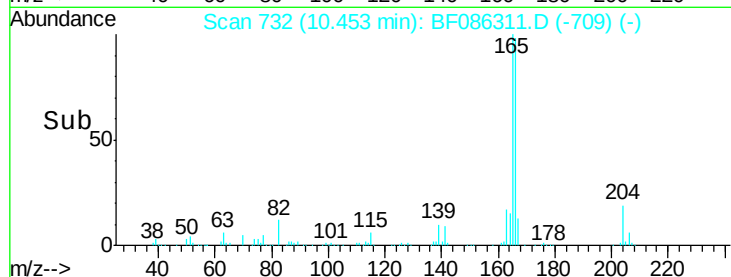
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.06 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:232 Resp: 285220

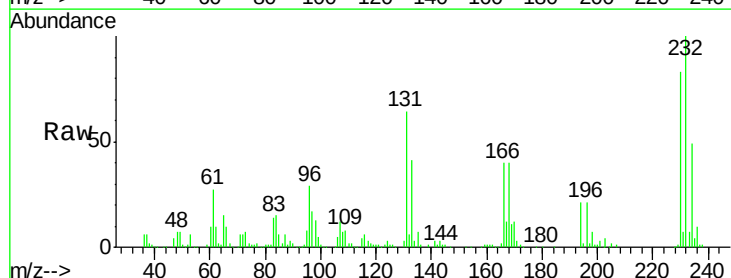
Ion Ratio Lower Upper

232 100

131 57.9 46.6 70.0

130 2.5 2.5 3.7#

166 34.9 28.3 42.5

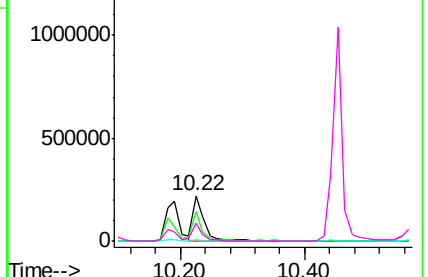
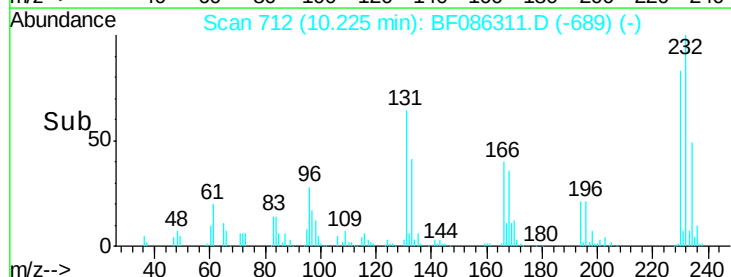


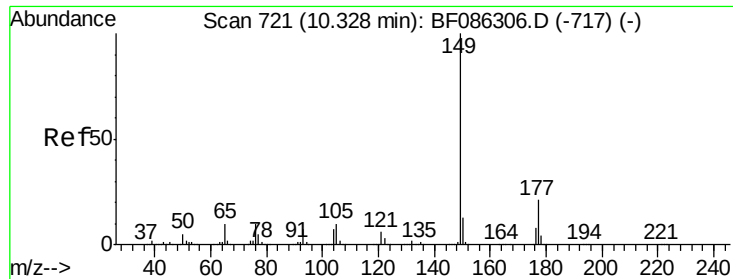
Abundance Ion 232.00 (231.70 to 232.70): E

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





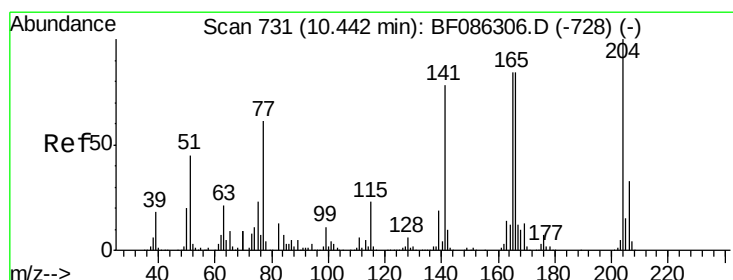
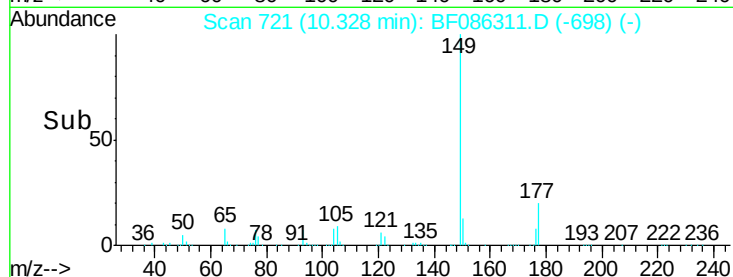
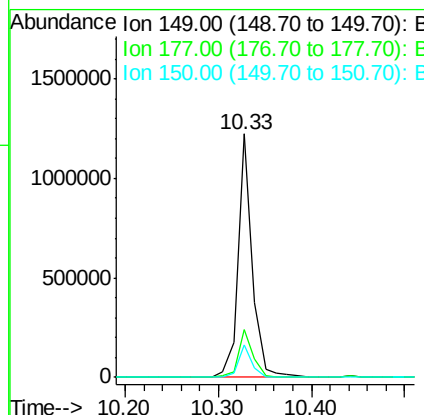
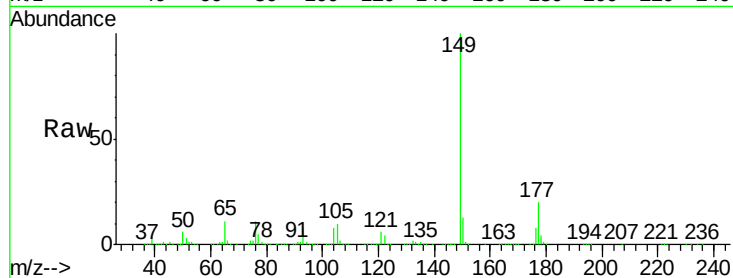
#59
Diethylphthalate
Concen: 36.54 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.8	17.0	25.6
150	13.1	10.2	15.4

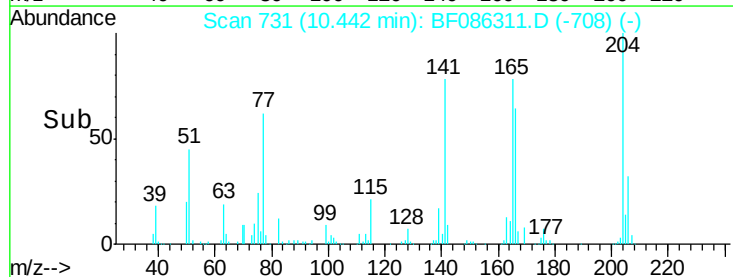
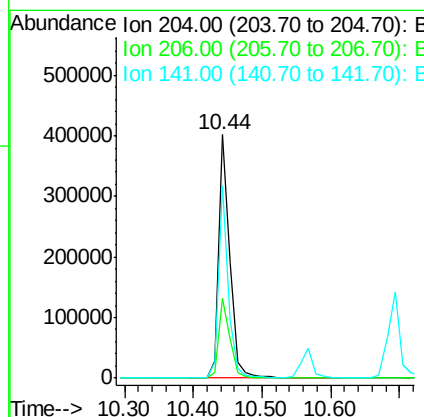
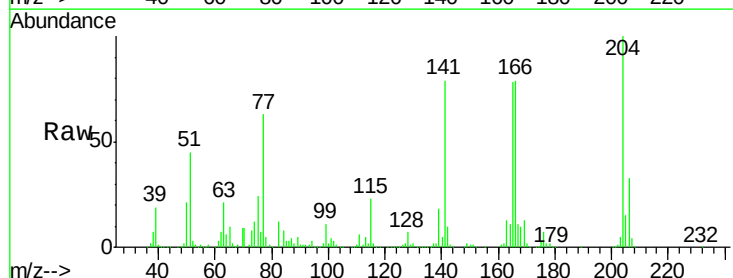
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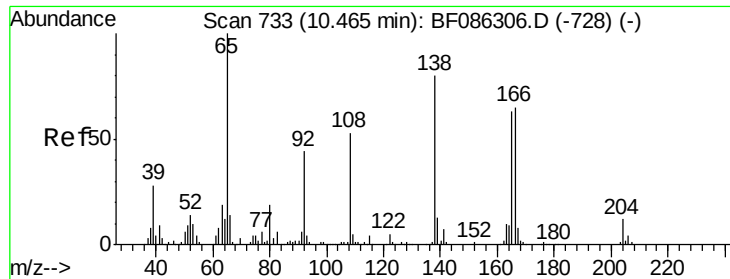
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#60
4-Chlorophenyl-phenylether
Concen: 37.81 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	79.0	55.4	83.0





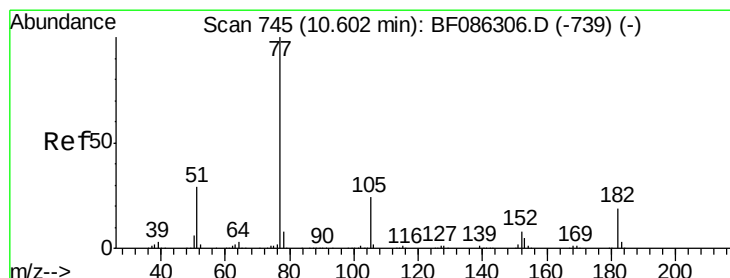
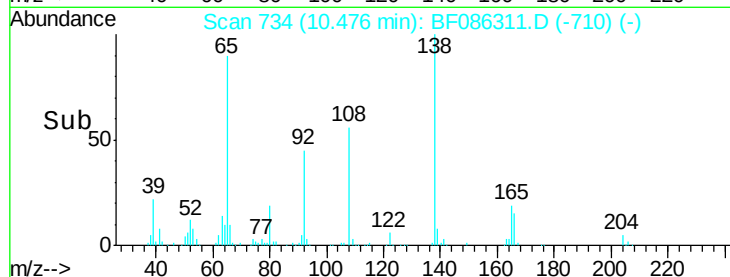
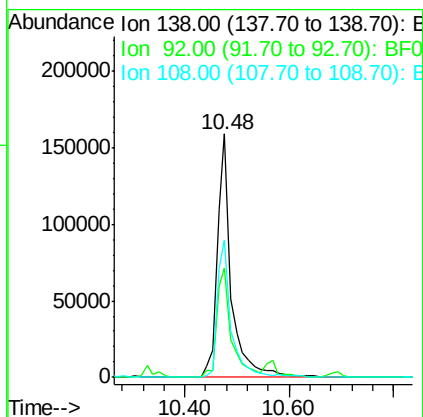
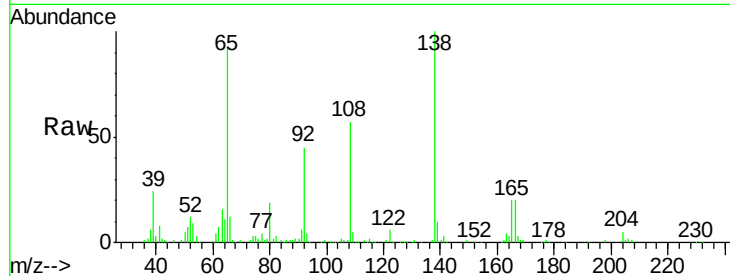
#61
4-Nitroaniline
Concen: 33.41 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	298891		
92	45.0	31.9	71.9	
108	56.6	58.7	98.7#	

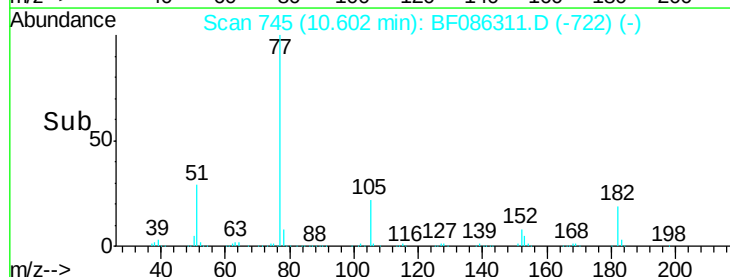
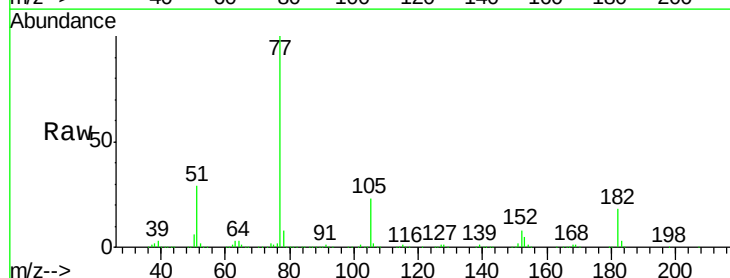
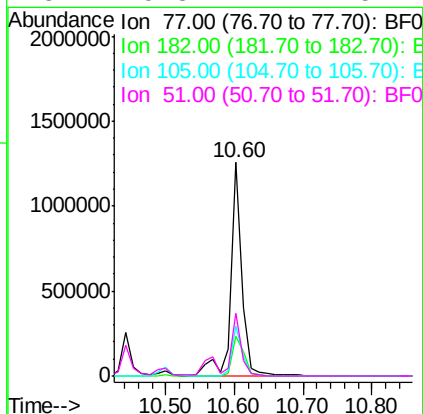
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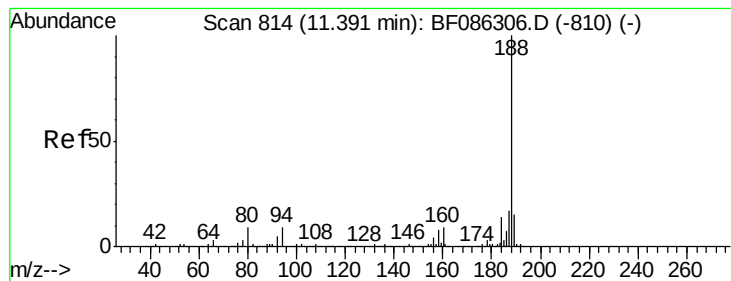
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#62
Azobenzene
Concen: 41.06 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1442605		
182	18.5	2.3	42.3	
105	23.4	3.4	43.4	
51	29.3	11.7	51.7	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

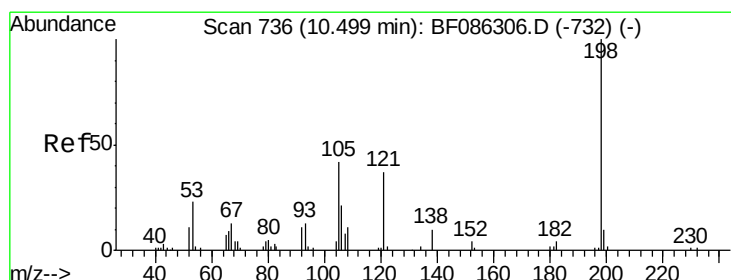
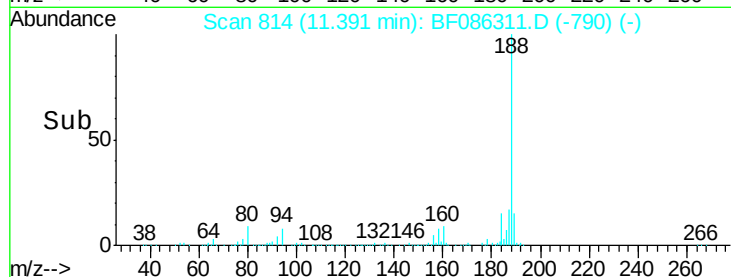
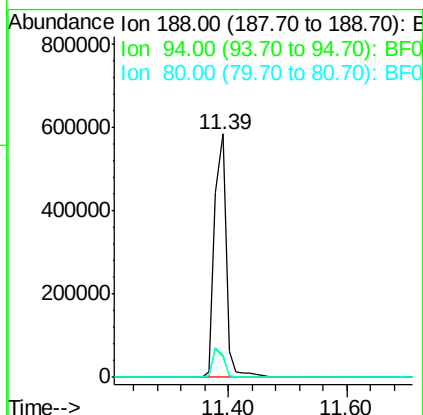
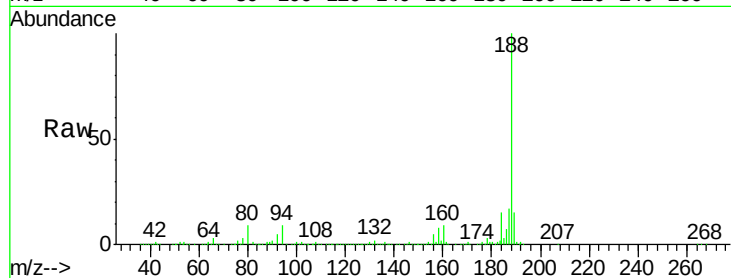
ClientSampleId :

PB89932BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		793316		
94	8.5	9.8	14.8#		
80	9.0	10.5	15.7#		

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#64

4,6-Dinitro-2-methylphenol

Concen: 52.81 ng

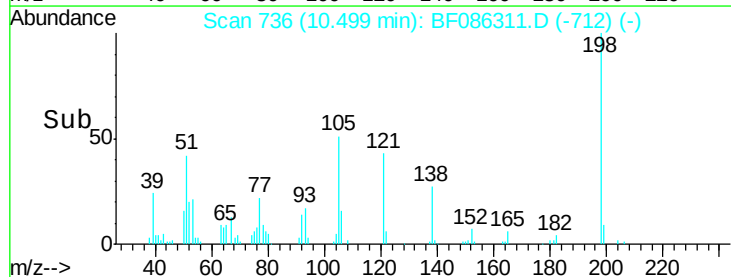
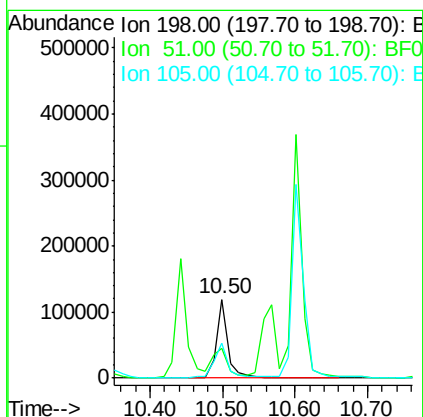
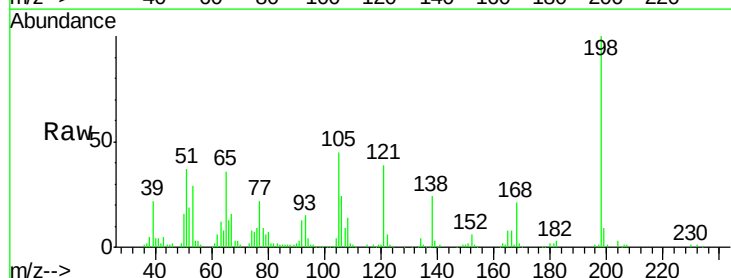
RT: 10.50 min Scan# 736

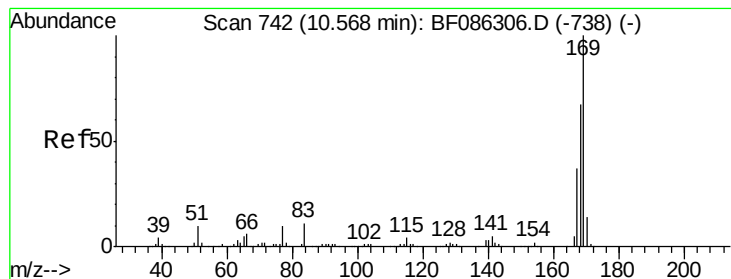
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
198	100		133478		
51	37.4	56.5	96.5#		
105	44.6	48.0	88.0#		





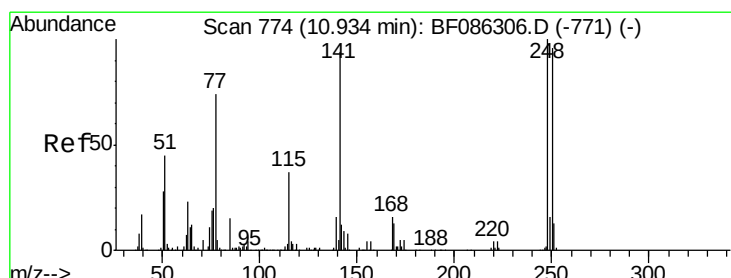
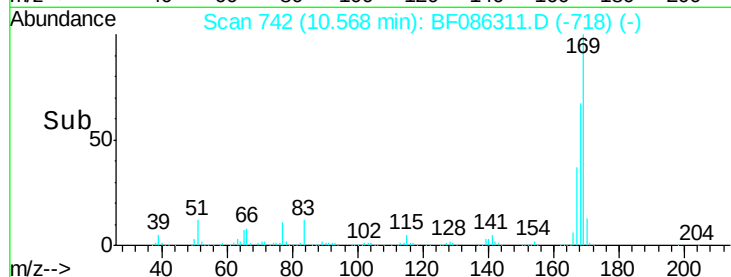
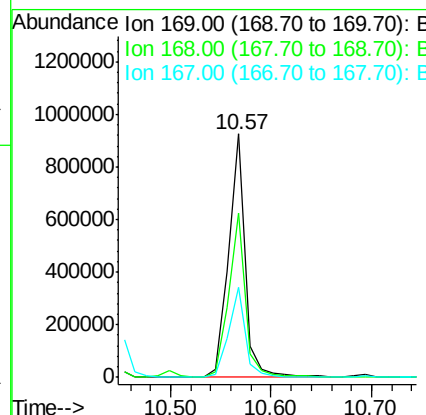
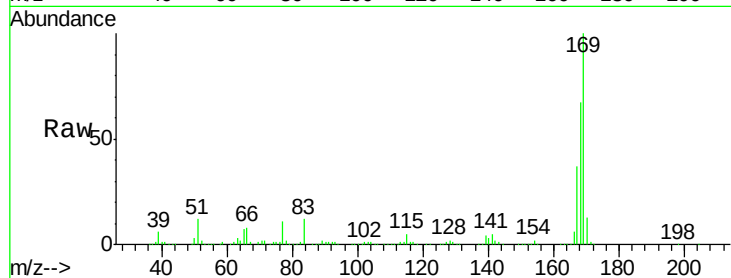
#65
 n-Nitrosodiphenylamine
 Concen: 40.66 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	67.4	54.3	81.5		
167	37.2	30.2	45.2		

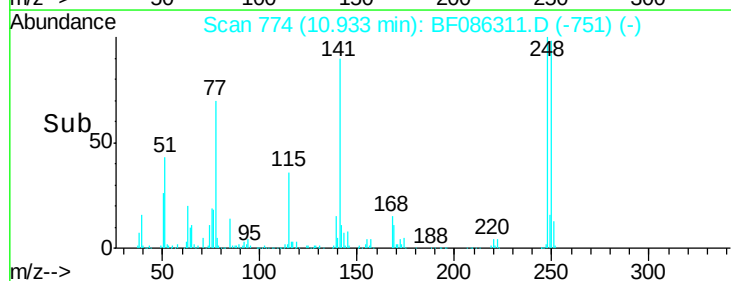
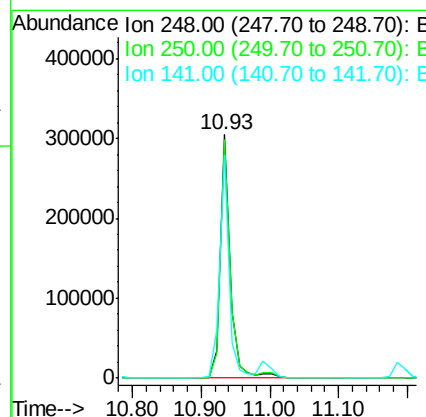
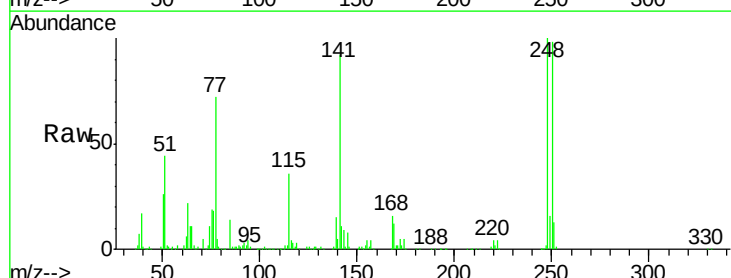
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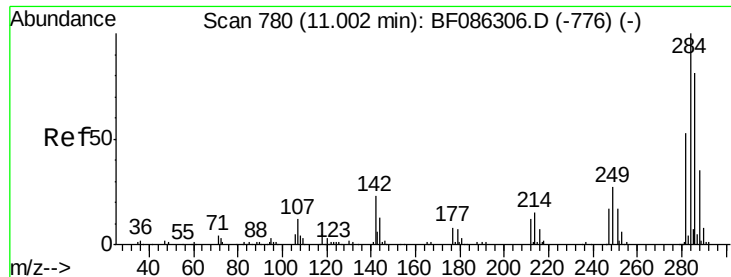
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#66
 4-Bromophenyl-phenylether
 Concen: 37.35 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	97.8	78.6	118.0		
141	91.8	57.9	86.9		





#67

Hexachlorobenzene

Concen: 39.24 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

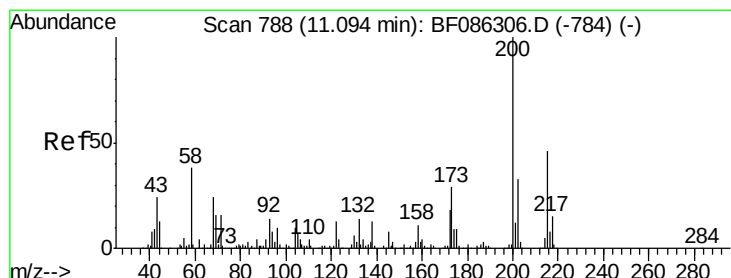
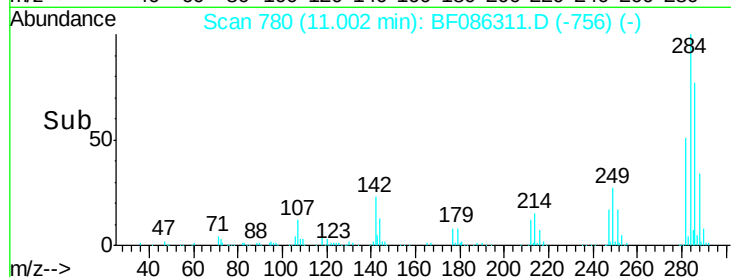
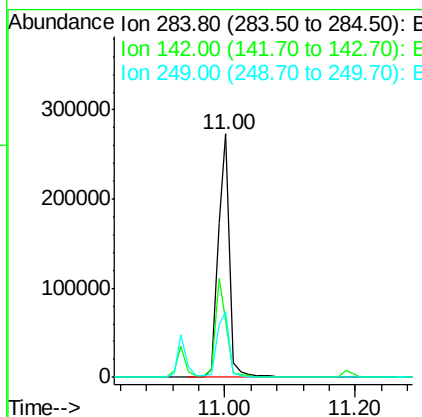
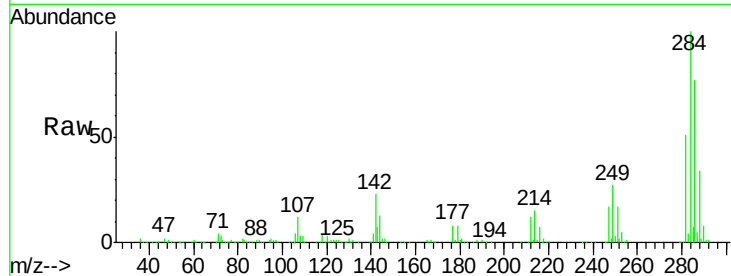
ClientSampleId :

PB89932BS

Tot Ion:	284	Resp:	335738
Ion Ratio	Lower	Upper	
284	100		
142	23.5	42.6	64.0#
249	26.8	25.9	38.9

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#68

Atrazine

Concen: 40.61 ng

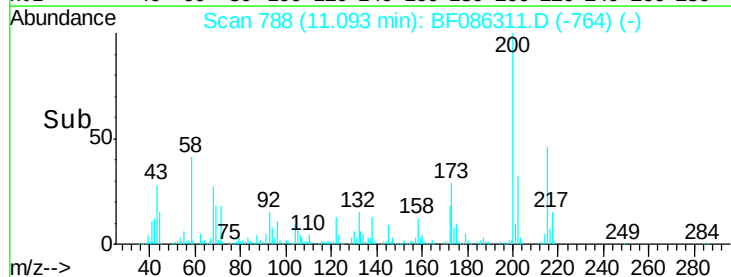
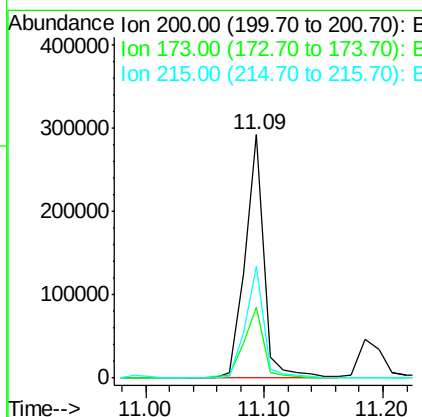
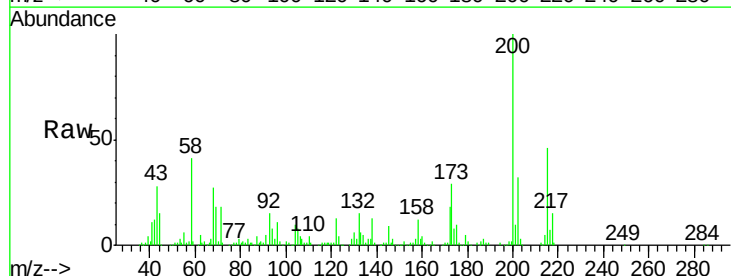
RT: 11.09 min Scan# 788

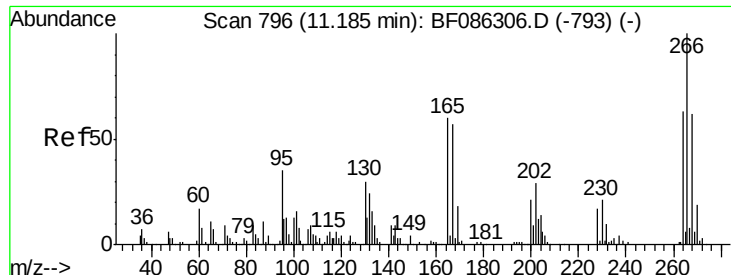
Delta R.T. -0.02 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	200	Resp:	326246
Ion Ratio	Lower	Upper	
200	100		
173	29.0	11.2	51.2
215	46.1	24.0	64.0





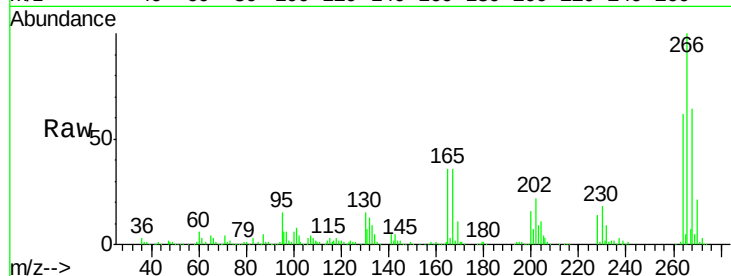
#69
 Pentachlorophenol
 Concen: 79.56 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

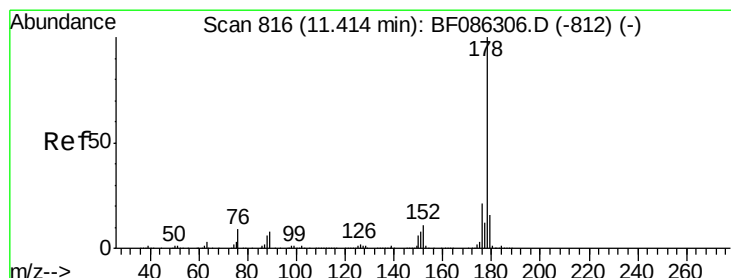
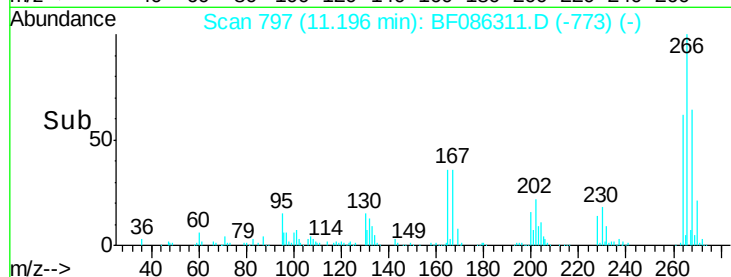
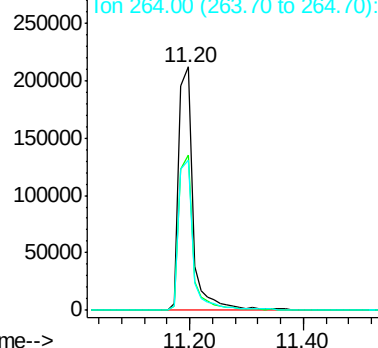
Tot Ion	Ratio	Resp	Lower	Upper
266	100	356540		
268	63.7	53.0	79.4	
264	61.8	51.3	76.9	

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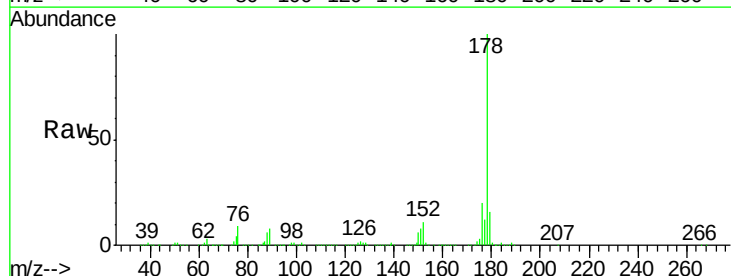


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

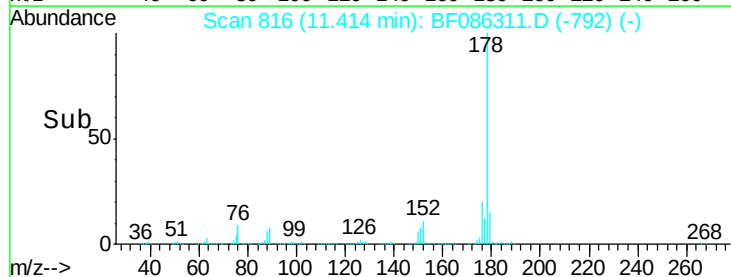
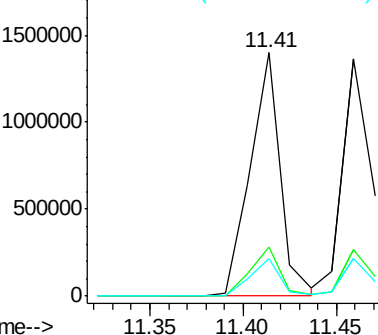


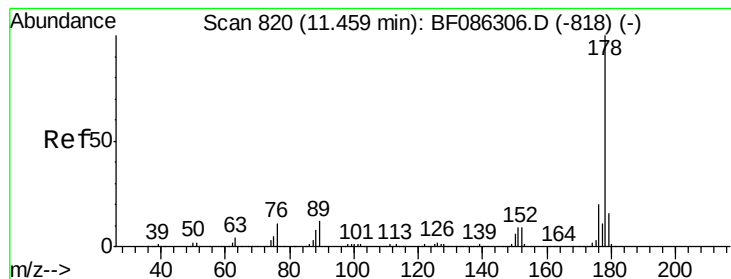
#70
 Phenanthrene
 Concen: 41.62 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1564812		
176	20.3	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





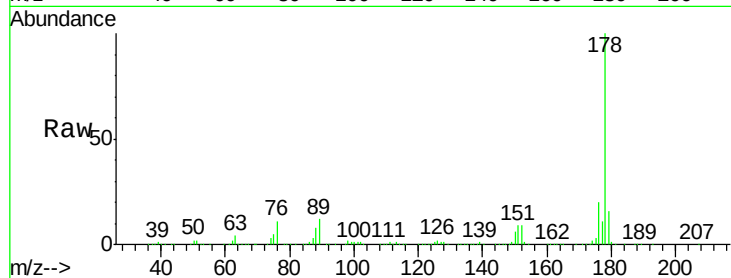
#71
 Anthracene
 Concen: 39.34 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

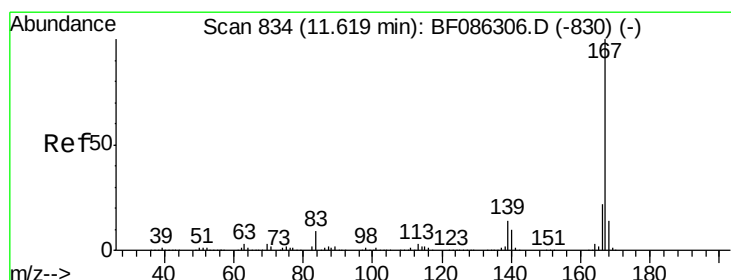
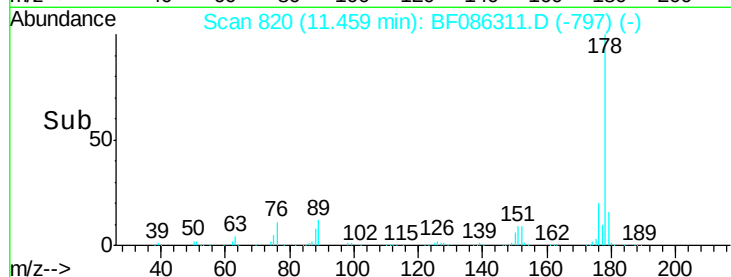
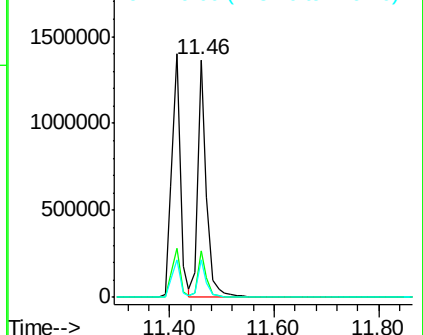
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.8	16.2	24.4	
179	16.1	13.2	19.8	

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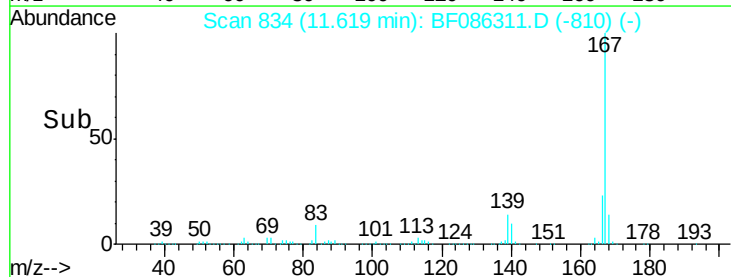
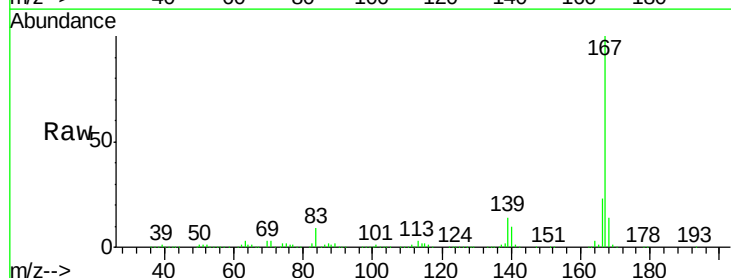
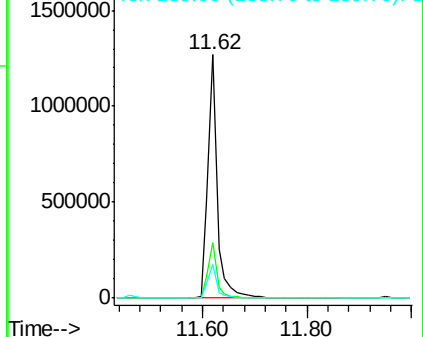
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

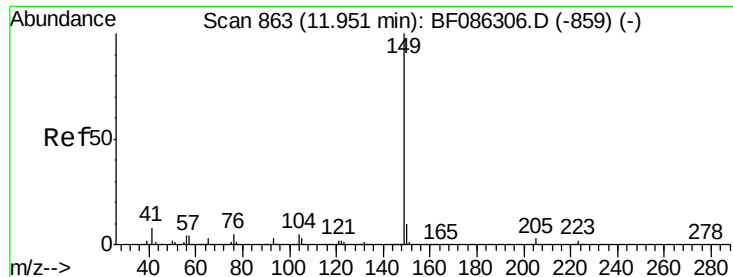


#72
 Carbazole
 Concen: 41.32 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.5	18.3	27.5	
139	13.7	12.3	18.5	

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.18 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion:149 Resp: 1922086

Ion Ratio Lower Upper

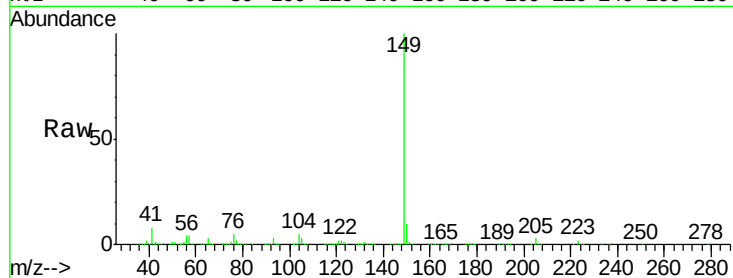
149 100

150 9.6 7.8 11.8

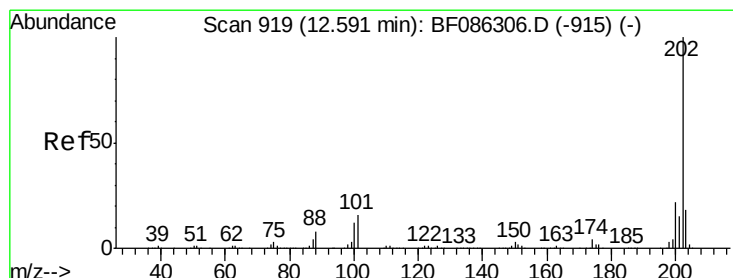
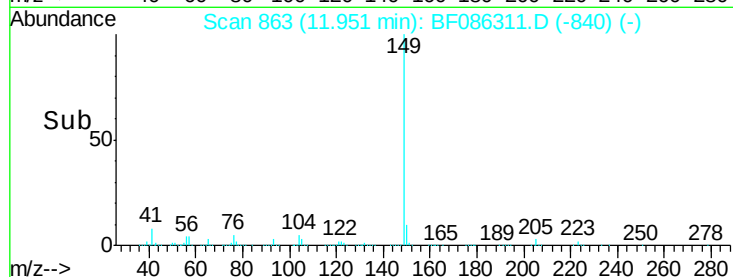
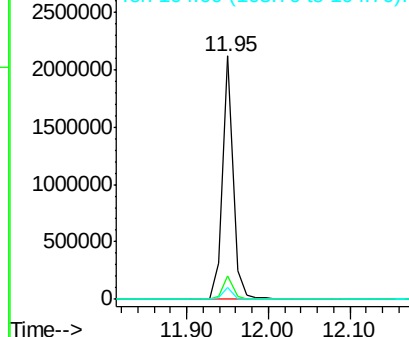
104 4.9 4.1 6.1

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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: 37.95 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

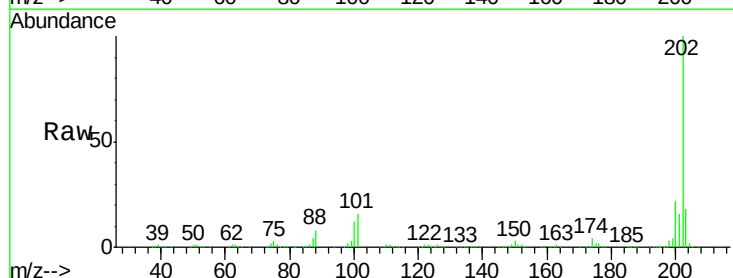
Tgt Ion:202 Resp: 1322786

Ion Ratio Lower Upper

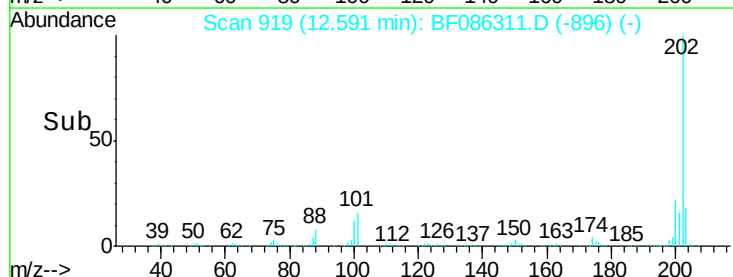
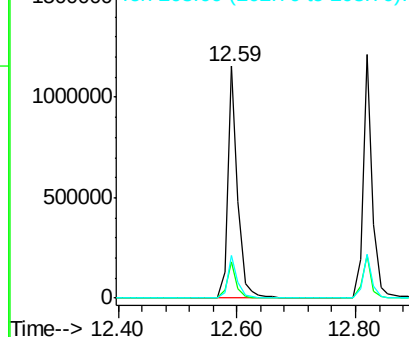
202 100

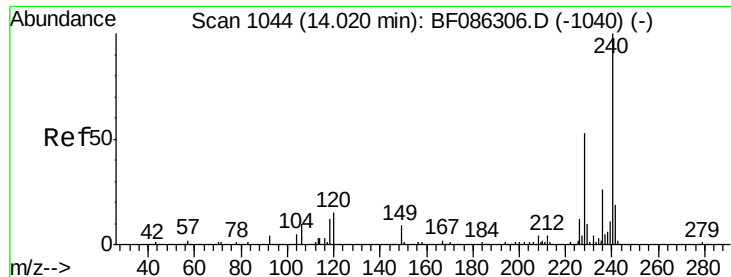
101 15.5 0.0 35.2

203 18.1 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: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

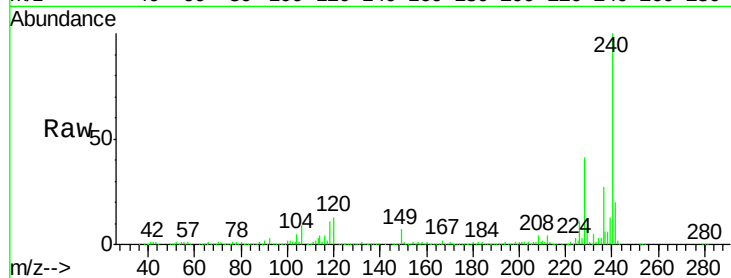
ClientSampleId :

PB89932BS

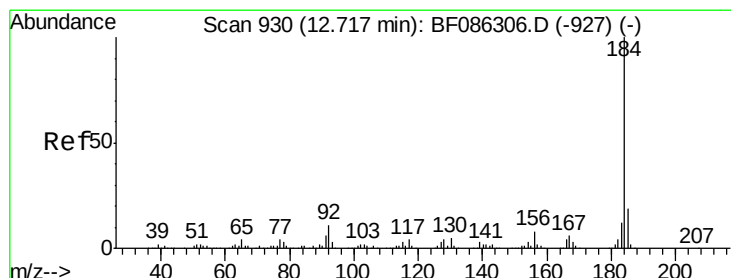
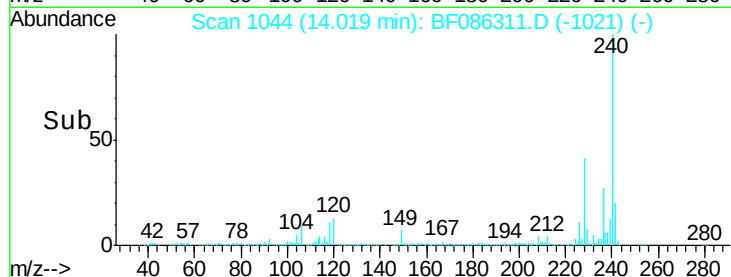
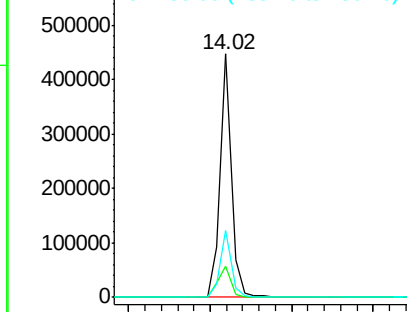
Tot Ion:	240	Resp:	430611
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.3	13.9
236	27.4	21.1	31.7

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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: 26.17 ng

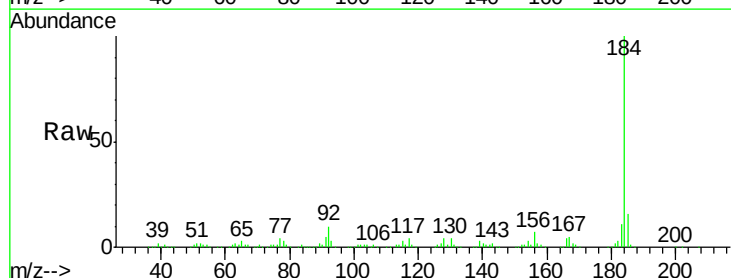
RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

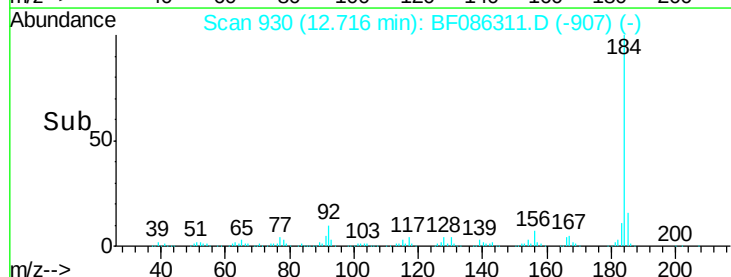
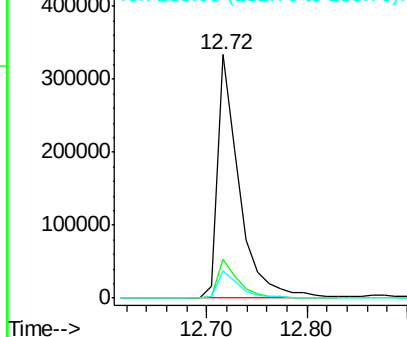
Lab File: BF086311.D

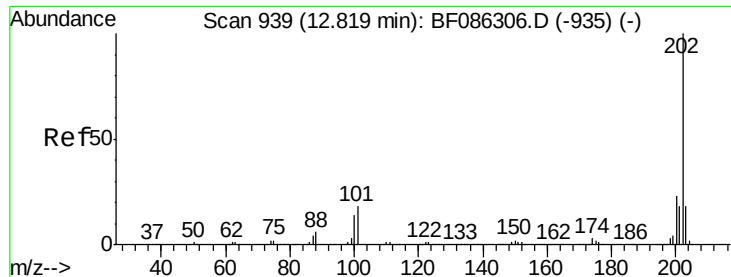
Acq: 20 Apr 2016 16:21

Tgt Ion:	184	Resp:	497471
Ion Ratio	Lower	Upper	
184	100		
185	15.9	14.2	21.2
183	11.3	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





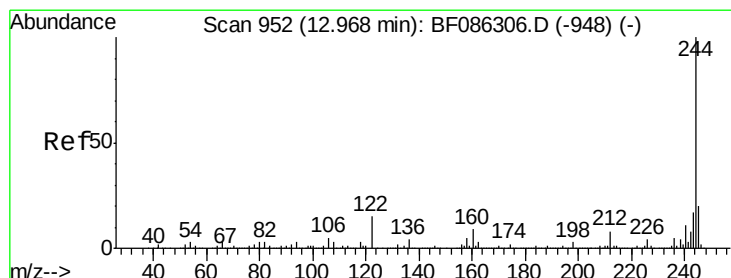
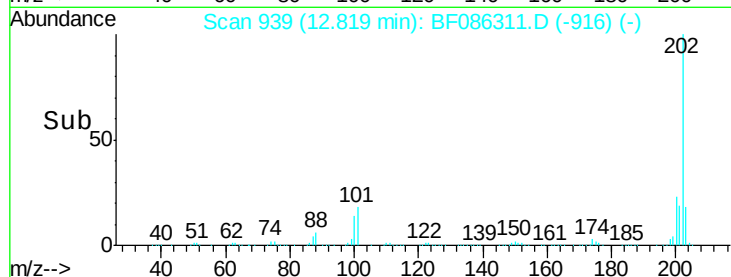
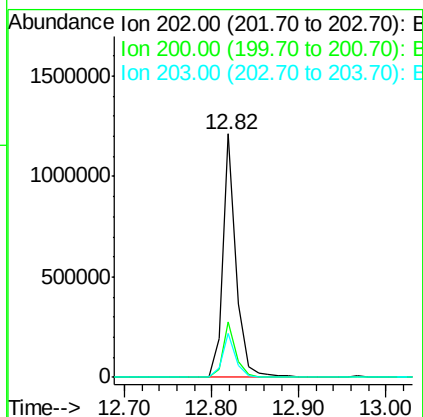
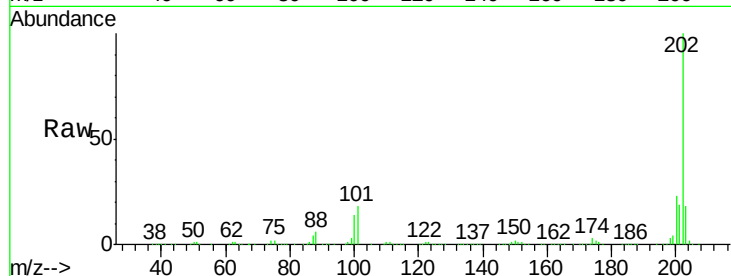
#77
Pvrene
Concen: 40.32 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.3	27.5
203	18.1	14.9	22.3

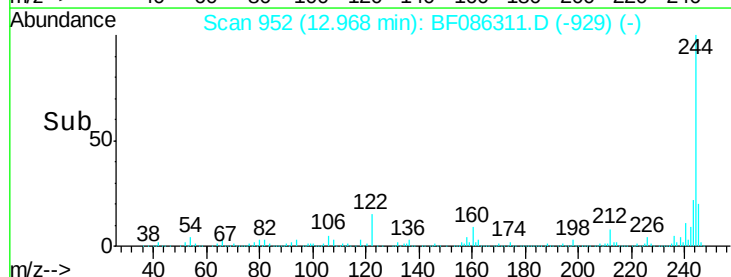
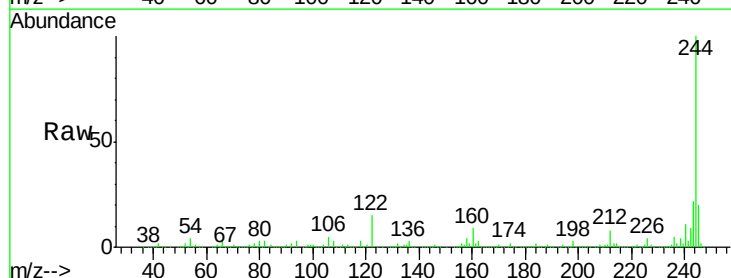
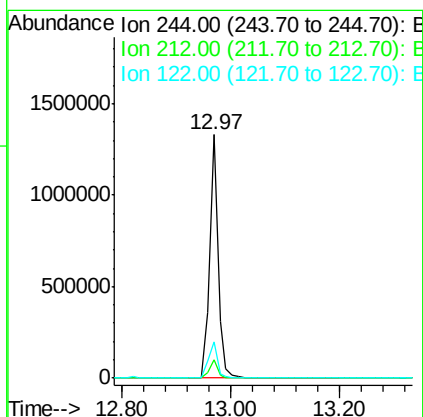
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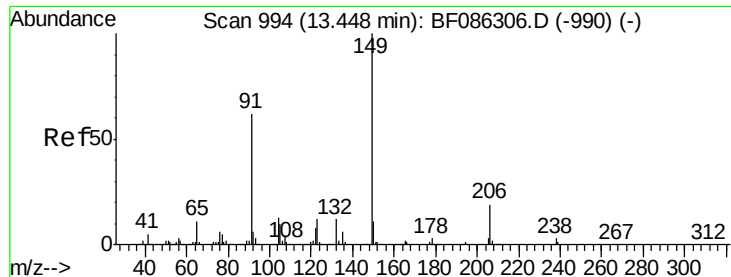
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#78
Terphenyl-d14
Concen: 79.31 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	14.9	11.7	17.5





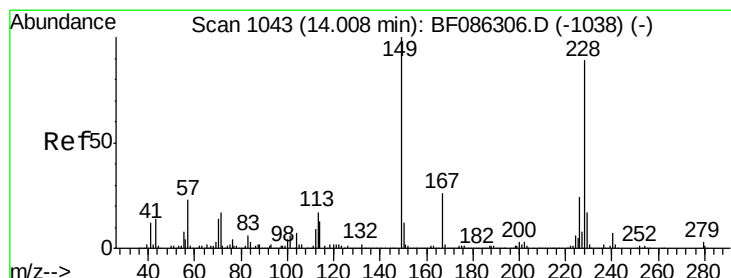
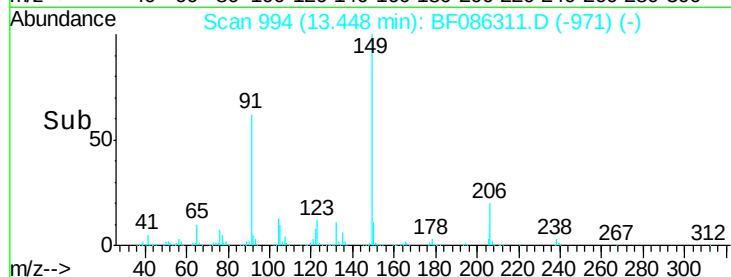
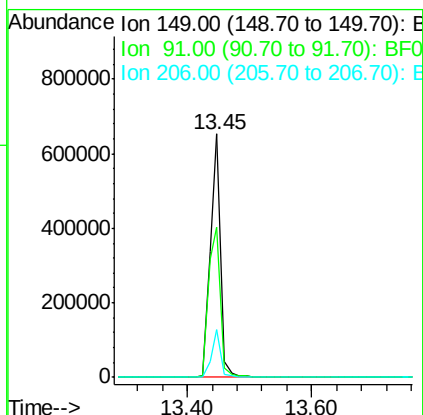
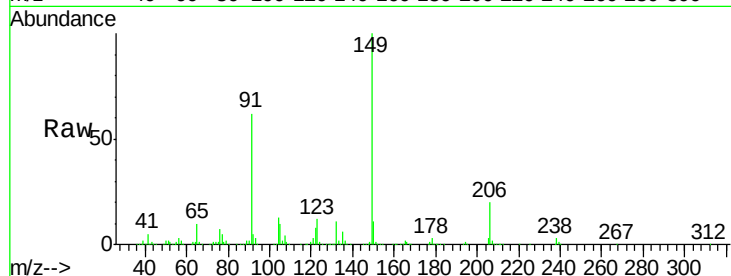
#79
Butylbenzylphthalate
Concen: 43.54 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	48.7	73.1
206	19.5	15.7	23.5

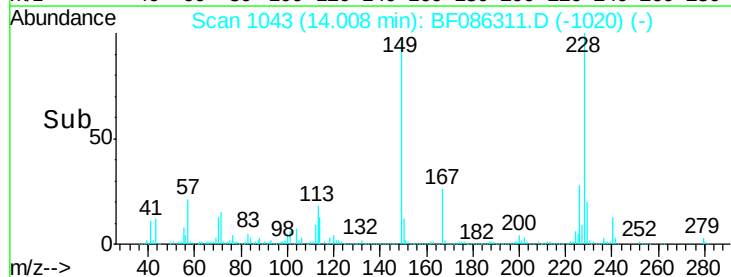
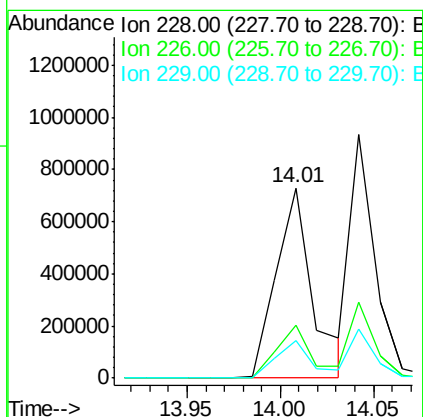
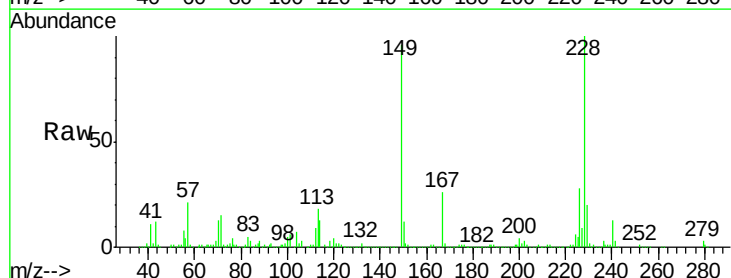
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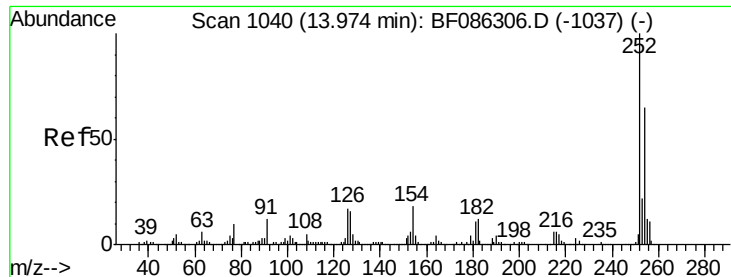
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#80
Benzo(a)anthracene
Concen: 43.85 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	20.0	16.2	24.2





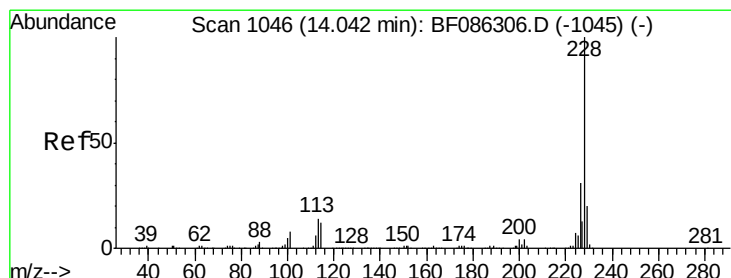
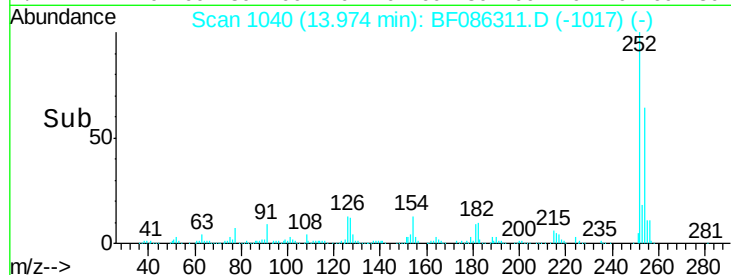
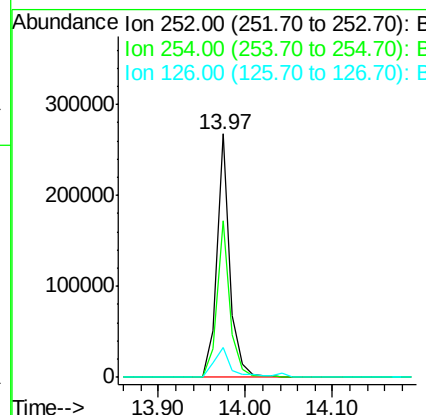
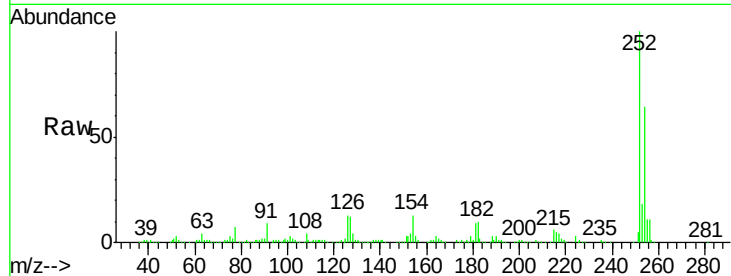
#81
 3,3'-Dichlorobenzidine
 Concen: 18.02 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	52.1	78.1
126	12.5	13.2	19.8

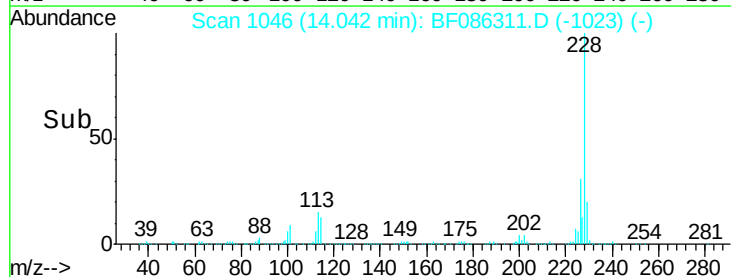
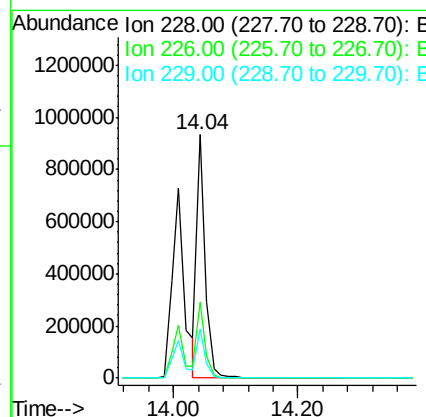
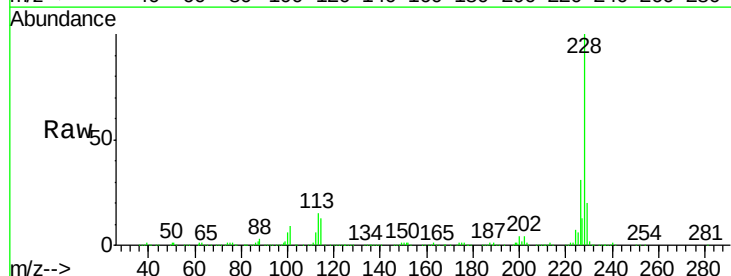
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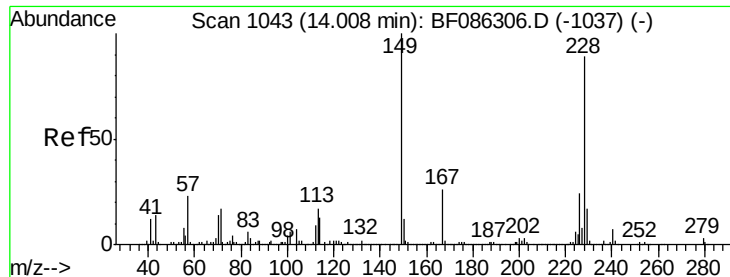
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#82
 Chrysene
 Concen: 36.32 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.4	38.2
229	20.3	16.5	24.7





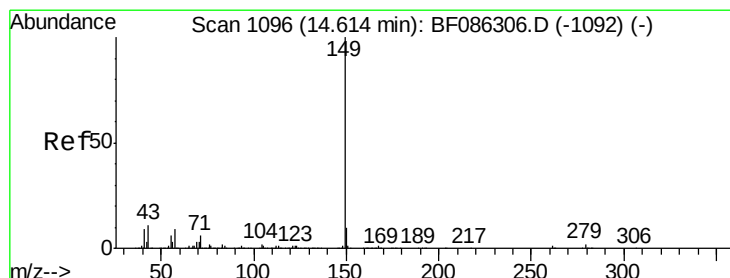
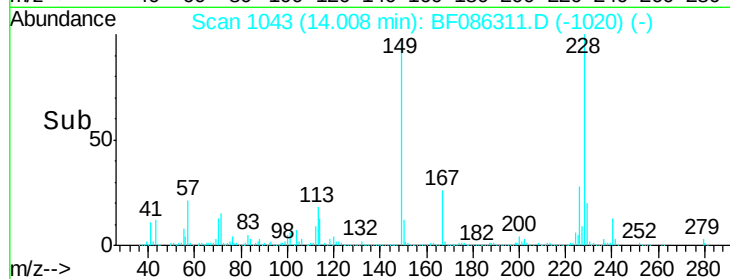
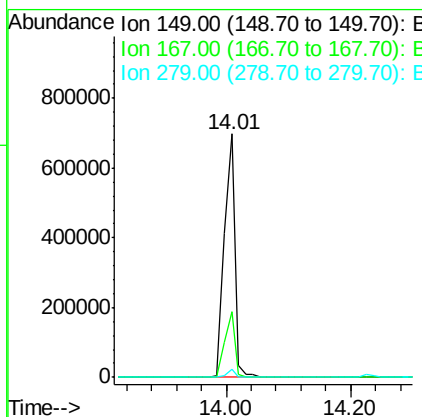
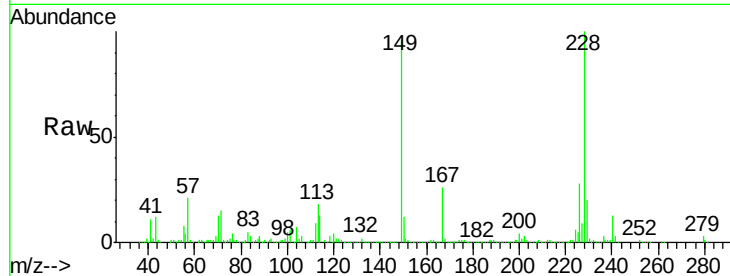
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.81 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 PB89932BS

Tot Ion:	149	Resp:	805761
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.0	31.4
279	3.5	2.4	3.6

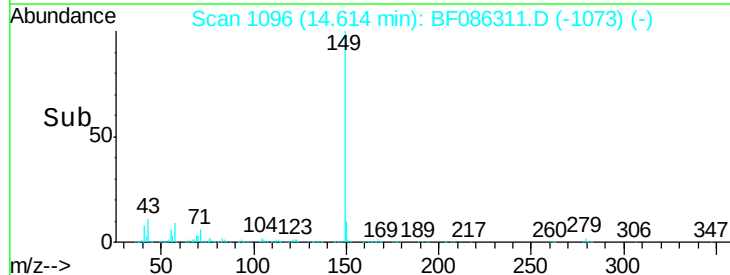
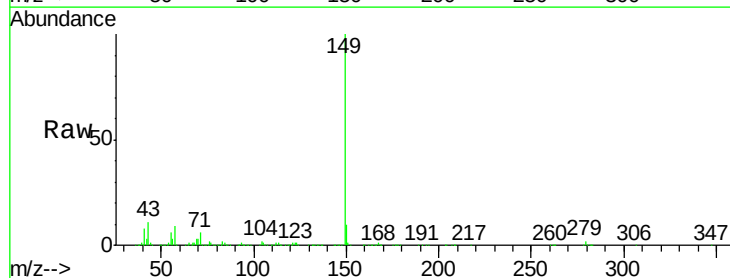
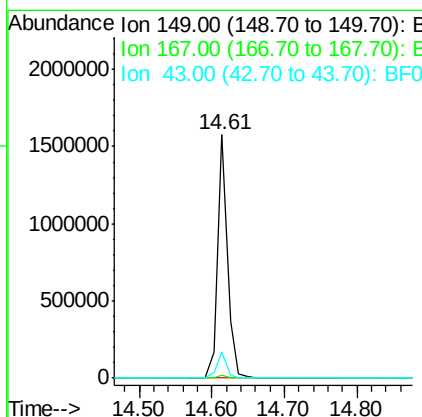
Manual Integrations
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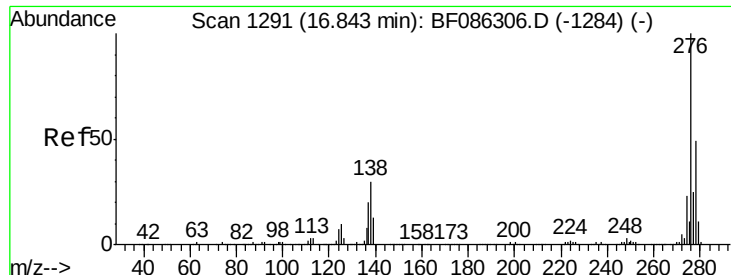
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#84
 Di-n-octyl phthalate
 Concen: 41.78 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.03 min
 Lab File: BF086311.D
 Acq: 20 Apr 2016 16:21

Tgt Ion:	149	Resp:	1486661
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.4	9.1	13.7





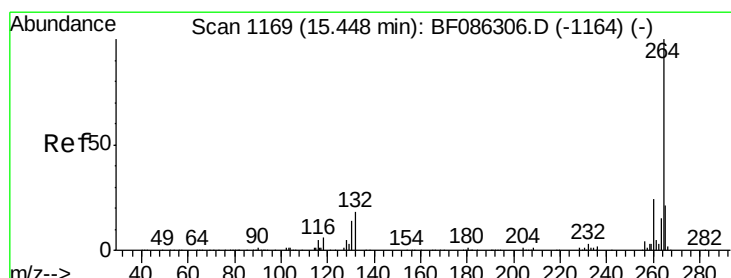
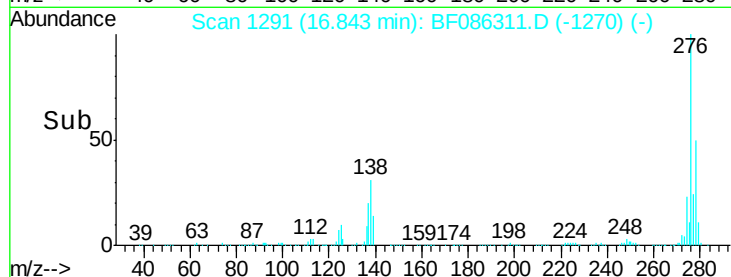
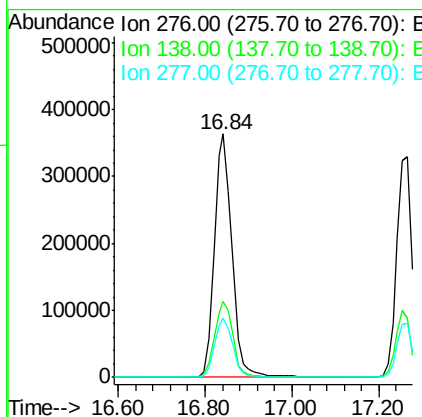
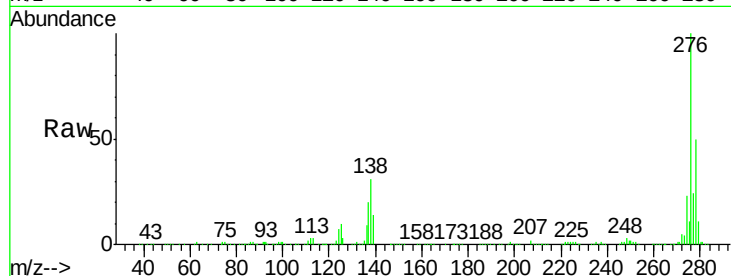
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.51 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	23.8	35.6
277	24.9	20.2	30.2

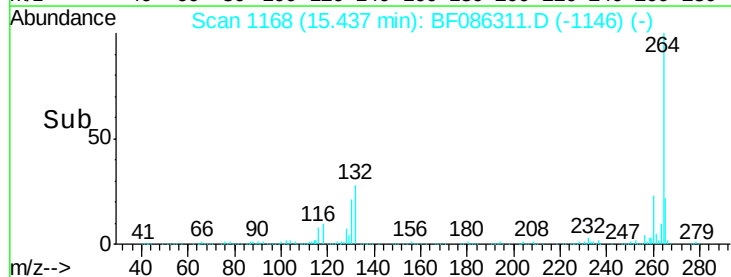
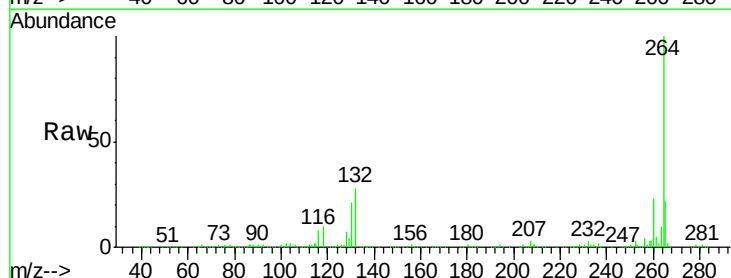
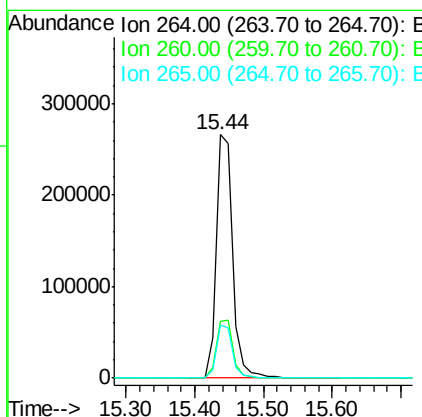
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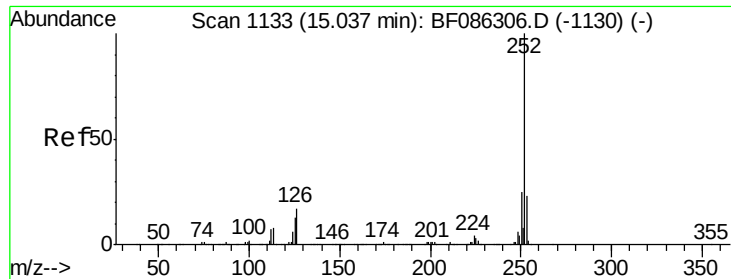
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 40.82 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

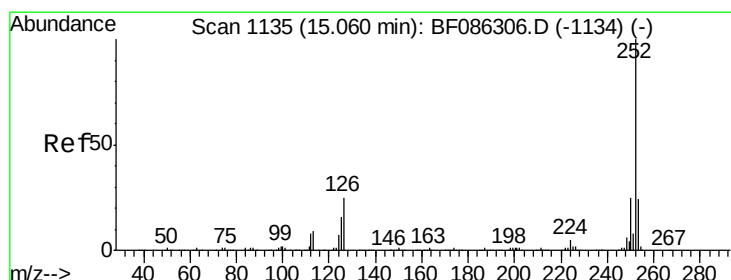
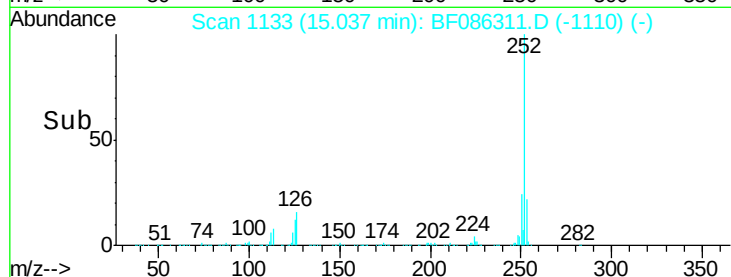
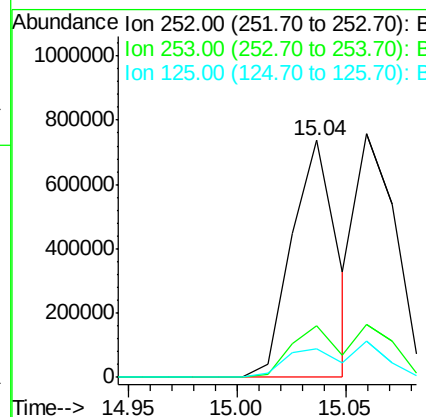
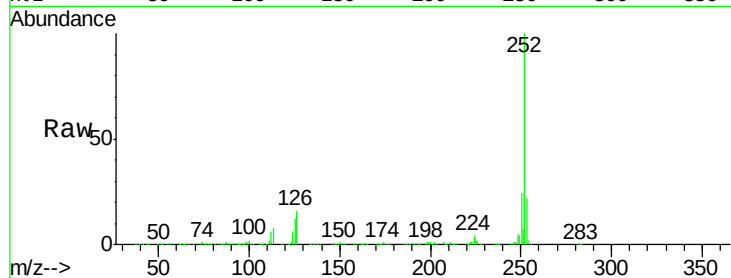
ClientSampleId :

PB89932BS

Tot Ion:	252	Resp:	1065511
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	12.2	10.3	15.5

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.65 ng m

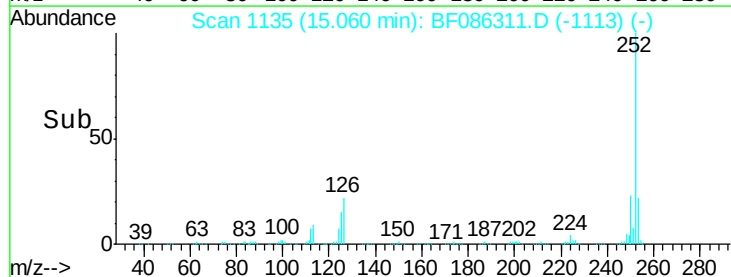
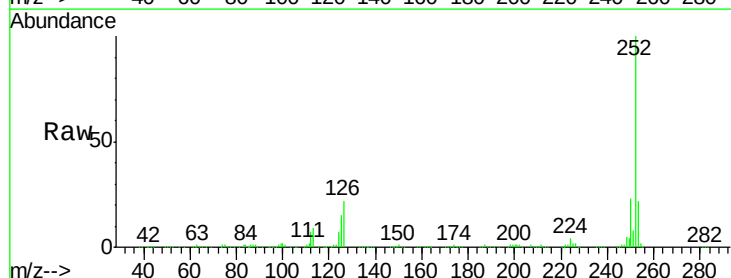
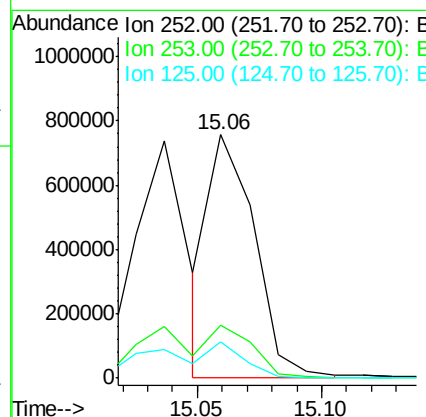
RT: 15.06 min Scan# 1135

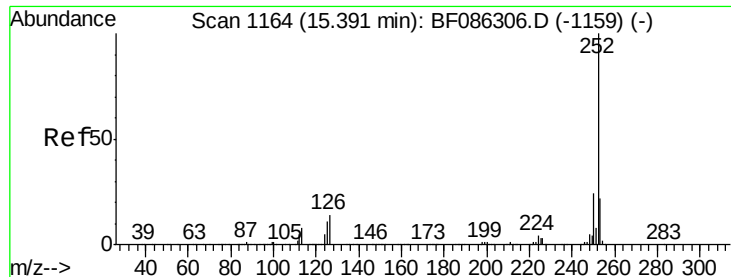
Delta R.T. -0.05 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Tgt Ion:	252	Resp:	959278
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	14.8	7.8	11.6#





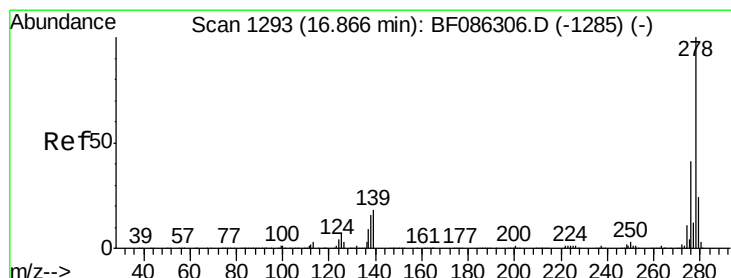
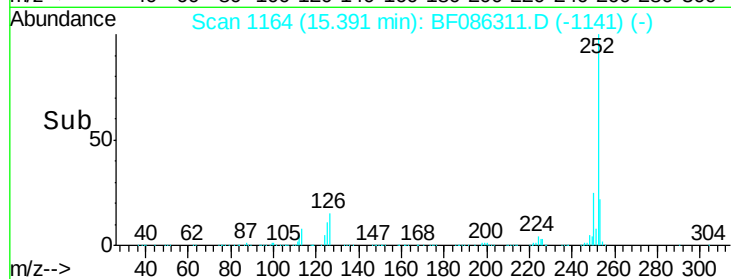
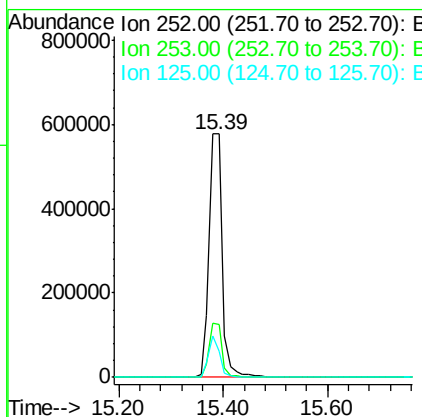
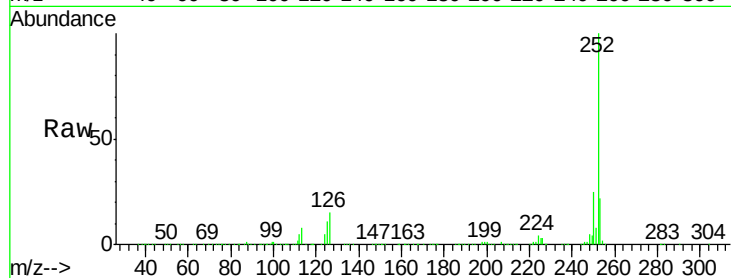
#89
Benzo(a)pyrene
Concen: 41.77 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Instrument :
BNA_F
ClientSampleId :
PB89932BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.9	11.2	16.8#

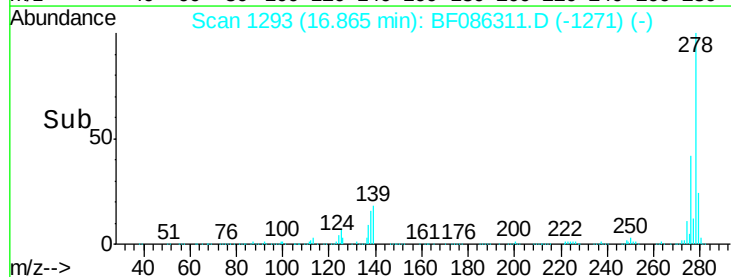
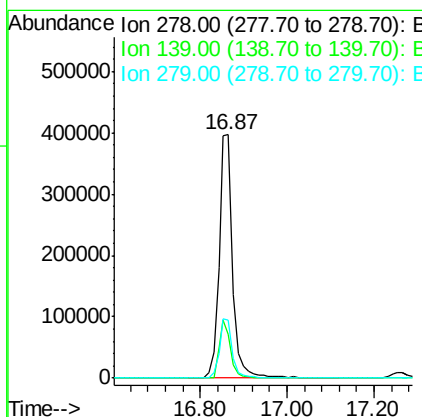
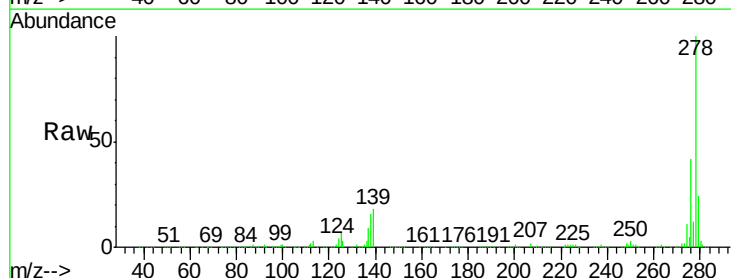
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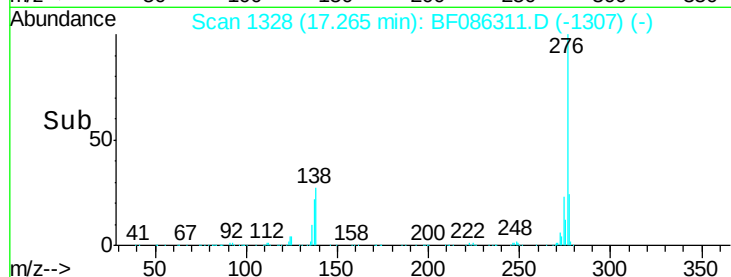
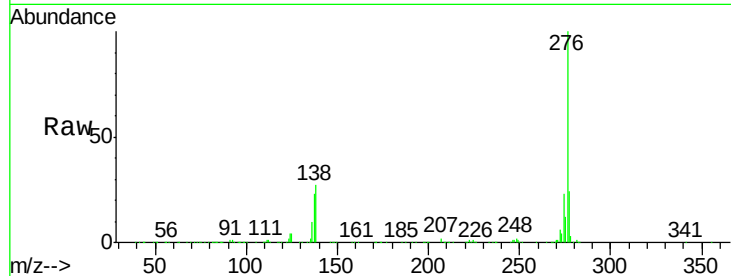
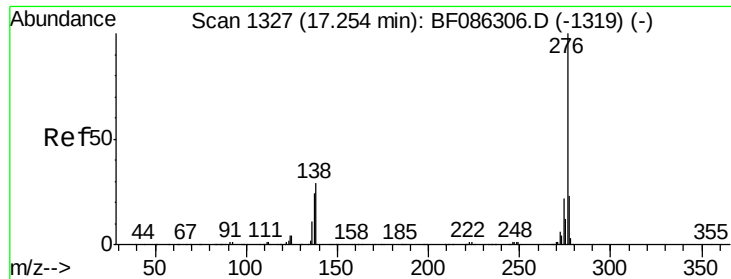
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4/21/2016 7:09:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.73 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF086311.D
Acq: 20 Apr 2016 16:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.3	22.9
279	23.9	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 41.93 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF086311.D

Acq: 20 Apr 2016 16:21

Instrument :

BNA_F

ClientSampleId :

PB89932BS

Tot Ion: 276 Resp: 844265

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 26.7 19.6 29.4

Manual Integrations
APPROVED

sohil
4/21/2016 7:09:52 PM

