

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082598.D
 Acq On : 31 Oct 2015 3:57
 Operator : UM/IZ
 Sample : PB86301BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:32:14 PM

Quant Time: Oct 31 05:43:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190925	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	720492	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	383221	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	710281	20.00	ng	0.00
75) Chrysene-d12	14.08	240	582276	20.00	ng	0.00
86) Perylene-d12	15.53	264	420329	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1402181	110.61	ng	0.01
7) Phenol-d6	6.53	99	1954919	116.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	1514815	85.85	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	479623	114.36	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	2222369	82.34	ng	0.00
78) Terphenyl-d14	13.02	244	2074779	77.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	174492	29.78	ng	# 89
3) Pyridine	3.36	79	539093	31.38	ng	93
4) n-Nitrosodimethylamine	3.30	42	318096	32.89	ng	97
6) Aniline	6.57	93	489506	20.88	ng	98
8) 2-Chlorophenol	6.69	128	518351	37.79	ng	95
9) Benzaldehyde	6.44	77	132132	11.49	ng	97
10) Phenol	6.54	94	559081	29.30	ng	90
11) bis(2-Chloroethyl)ether	6.64	93	472374	33.56	ng	98
12) 1,3-Dichlorobenzene	6.84	146	513188	32.81	ng	99
13) 1,4-Dichlorobenzene	6.92	146	566506	36.52	ng	96
14) 1,2-Dichlorobenzene	7.08	146	515035	35.77	ng	97
15) Benzyl Alcohol	7.05	79	593690	37.80	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	820774	36.69	ng	98
17) 2-Methylphenol	7.16	107	463093	39.71	ng	97
18) Hexachloroethane	7.42	117	223170	36.87	ng	94
19) n-Nitroso-di-n-propylamine	7.32	70	408247	31.98	ng	96
20) 3+4-Methylphenols	7.31	107	517730	34.16	ng	93
22) Acetophenone	7.31	105	769561	36.28	ng	# 78
24) Nitrobenzene	7.48	77	592210	33.21	ng	# 85
25) Isophorone	7.73	82	1170795	36.07	ng	99
26) 2-Nitrophenol	7.80	139	230271	35.35	ng	98
27) 2,4-Dimethylphenol	7.85	122	511867	40.25	ng	100
28) bis(2-Chloroethoxy)methane	7.94	93	610569	34.39	ng	97
29) 2,4-Dichlorophenol	8.05	162	441190	38.06	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	450343	35.01	ng	99
31) Naphthalene	8.21	128	1371287	35.17	ng	100
32) Benzoic acid	7.96	122	328562	35.61	ng	95
33) 4-Chloroaniline	8.26	127	213579	12.83	ng	# 91
34) Hexachlorobutadiene	8.34	225	298365	36.47	ng	99
35) Caprolactam	8.62	113	136532	38.39	ng	97
36) 4-Chloro-3-methylphenol	8.74	107	518225	37.96	ng	98
37) 2-Methylnaphthalene	8.91	142	1037077	41.05	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472473	36.95	ng	98
40) Hexachlorocyclopentadiene	9.07	237	656694	81.69	ng	99

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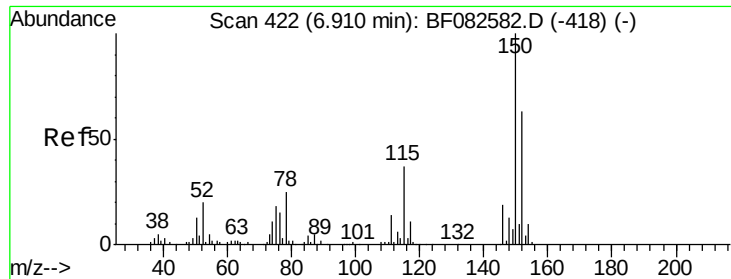
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	348561	37.75	ng	97
43) 2,4,5-Trichlorophenol	9.23	196	325782	35.41	ng	# 81
45) 1,1'-Biphenyl	9.38	154	1154671	35.67	ng	98
46) 2-Chloronaphthalene	9.40	162	934606	36.98	ng	97
47) 2-Nitroaniline	9.48	65	328749	33.46	ng	98
48) Acenaphthylene	9.81	152	1501836	37.15	ng	100
49) Dimethylphthalate	9.68	163	1158463	37.01	ng	99
50) 2,6-Dinitrotoluene	9.73	165	270195	41.65	ng	# 84
51) Acenaphthene	9.98	154	1058272	41.23	ng	99
52) 3-Nitroaniline	9.89	138	136231	18.88	ng	90
53) 2,4-Dinitrophenol	10.00	184	249948	72.97	ng	# 56
54) Dibenzofuran	10.16	168	1256154	36.07	ng	100
55) 4-Nitrophenol	10.05	139	373918	68.86	ng	# 67
56) 2,4-Dinitrotoluene	10.13	165	343609	39.17	ng	93
57) Fluorene	10.50	166	1022430	36.40	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	285775	36.75	ng	98
59) Diethylphthalate	10.38	149	1223708	38.41	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	510640	37.40	ng	94
61) 4-Nitroaniline	10.51	138	224312	32.57	ng	98
62) Azobenzene	10.65	77	1391208	38.72	ng	83
64) 4,6-Dinitro-2-methylphenol	10.54	198	186739	43.59	ng	89
65) n-Nitrosodiphenylamine	10.61	169	944200	38.67	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	295085	36.66	ng	# 63
67) Hexachlorobenzene	11.05	284	320327	35.89	ng	91
68) Atrazine	11.14	200	297130	37.19	ng	98
69) Pentachlorophenol	11.24	266	479155	81.42	ng	99
70) Phenanthrene	11.46	178	1490945	37.22	ng	99
71) Anthracene	11.52	178	1629643	40.40	ng	98
72) Carbazole	11.66	167	1486505	42.31	ng	99
73) Di-n-butylphthalate	12.01	149	1900952	42.50	ng	99
74) Fluoranthene	12.65	202	1612227	39.37	ng	98
76) Benzidine	12.76	184	507849	19.34	ng	99
77) Pyrene	12.88	202	1610941	37.36	ng	100
79) Butylbenzylphthalate	13.51	149	783837	41.51	ng	89
80) Benzo(a)anthracene	14.07	228	1370964	37.07	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	247253	19.40	ng	# 96
82) Chrysene	14.10	228	1063922	31.74	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	945617	38.63	ng	# 96
84) Di-n-octyl phthalate	14.68	149	1434849	37.57	ng	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1012350	36.59	ng	99
87) Benzo(b)fluoranthene	15.11	252	986329	34.03	ng	99
88) Benzo(k)fluoranthene	15.14	252	1024569m	46.40	ng	
89) Benzo(a)pyrene	15.46	252	921973	40.39	ng	99
90) Dibenzo(a,h)anthracene	16.98	278	867793	40.74	ng	# 97
91) Benzo(g,h,i)perylene	17.38	276	856031	41.47	ng	100

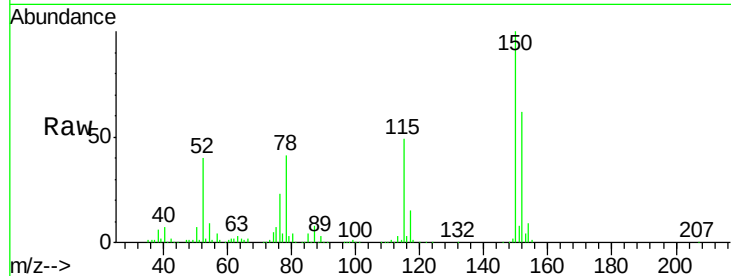
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

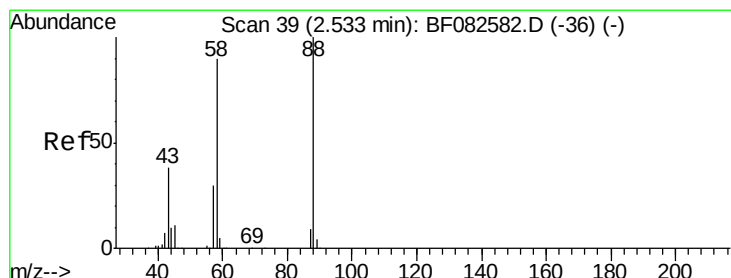
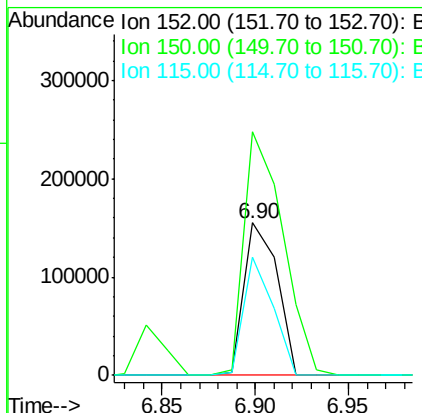
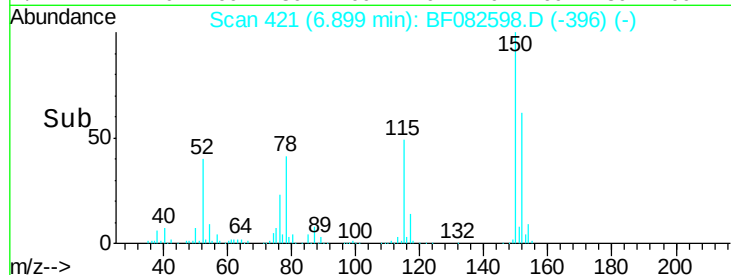
Instrument :
BNA_F
ClientSampleId :
PB86301BS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	190925		
150	160.1	127.0	190.4	
115	77.8	47.0	70.6#	

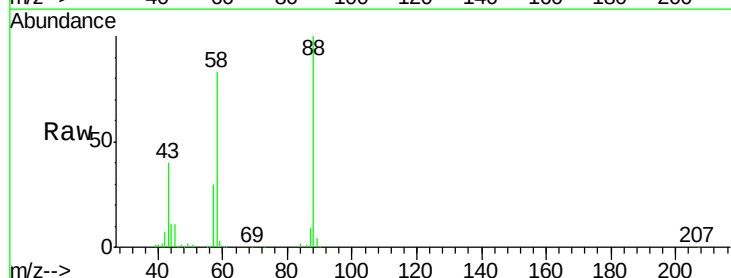
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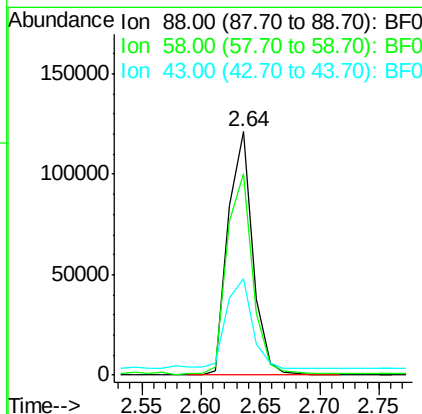
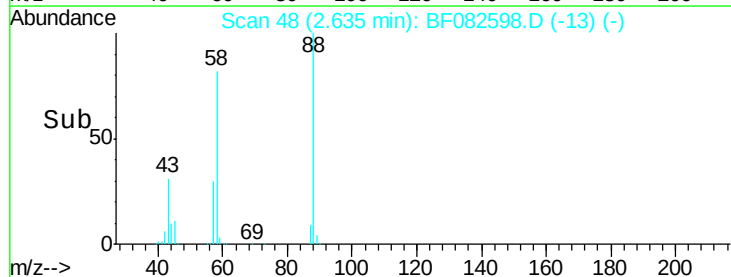


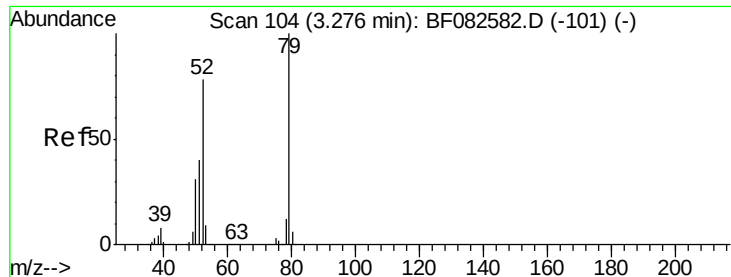
#2

1,4-Dioxane
Concen: 29.78 ng
RT: 2.64 min Scan# 48
Delta R.T. 0.10 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57



Tgt Ion	Ratio	Resp	Lower	Upper
88	100	174492		
58	86.1	62.0	93.0	
43	40.5	26.6	40.0#	





#3

Pyridine

Concen: 31.38 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.08 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

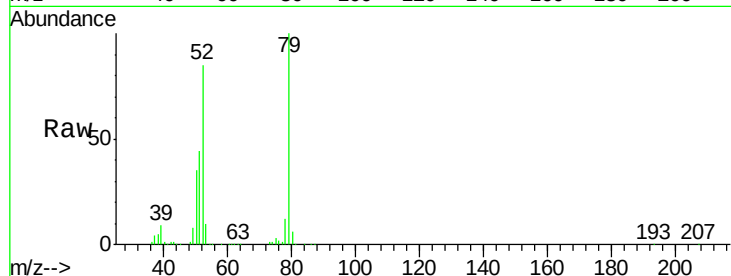
ClientSampleId :

PB86301BS

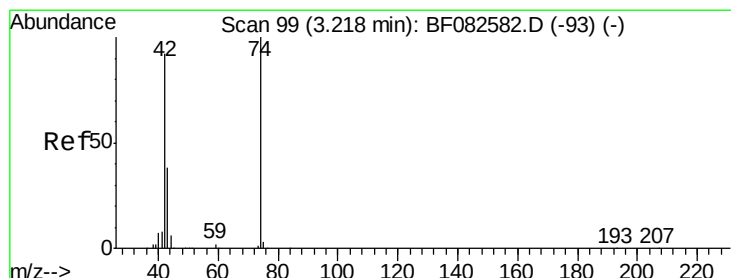
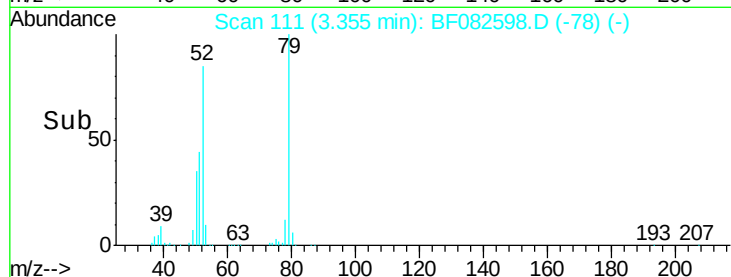
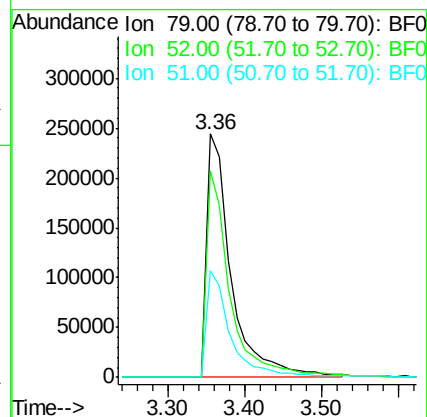
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.9	62.8	94.2
51	44.1	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 32.89 ng

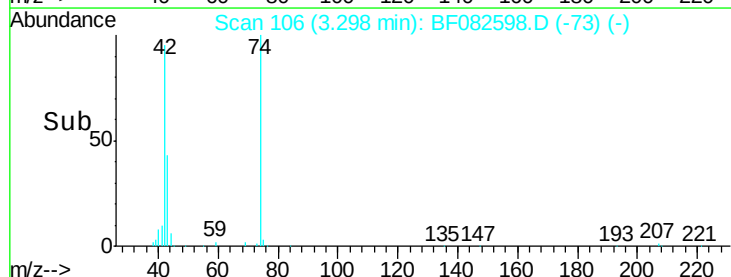
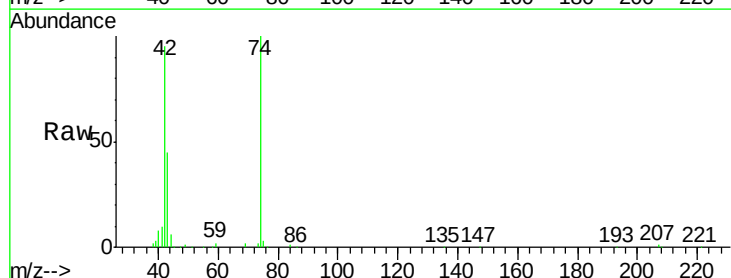
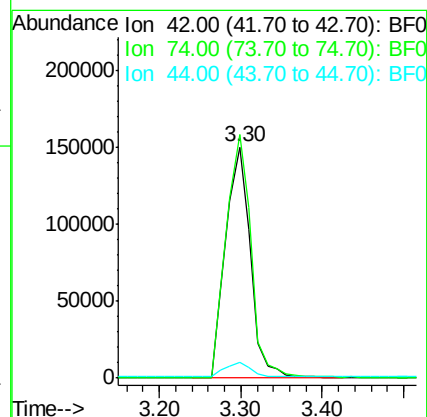
RT: 3.30 min Scan# 106

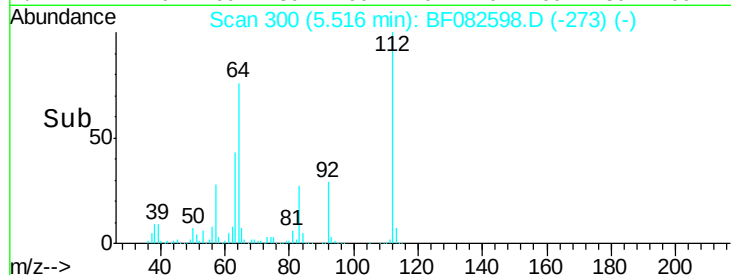
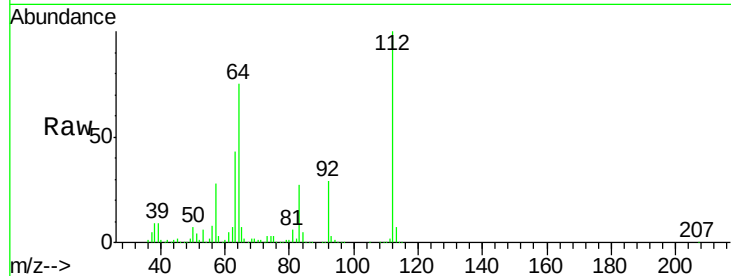
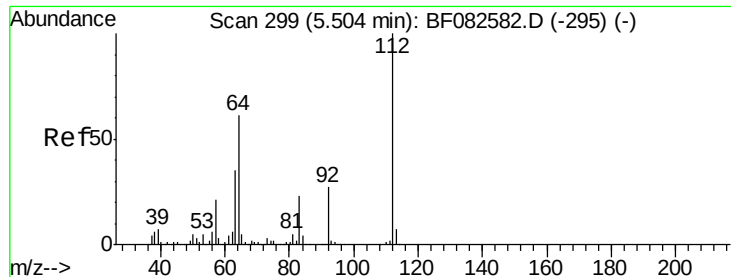
Delta R.T. 0.08 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.2	87.0	130.4
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 110.61 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

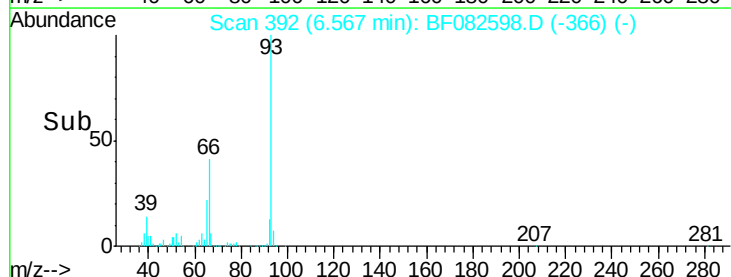
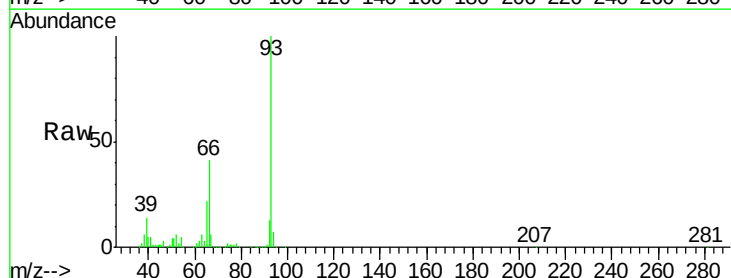
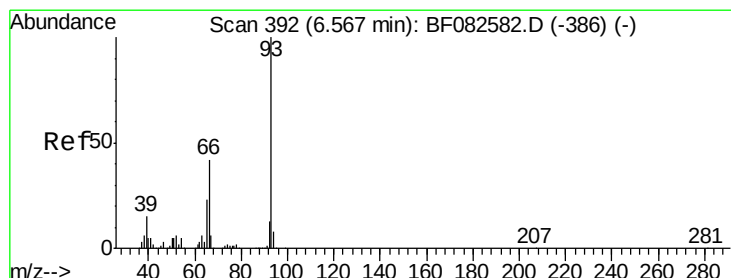
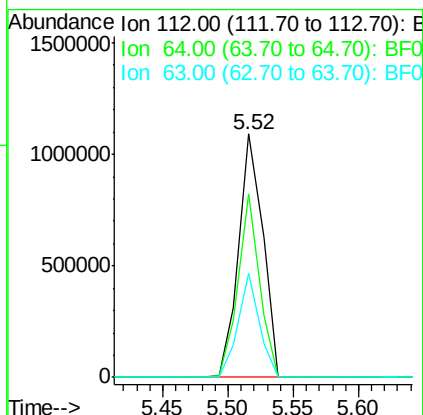
ClientSampleId :

PB86301BS

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	48.9	73.3#
63	42.8	28.1	42.1#



#6

Aniline

Concen: 20.88 ng

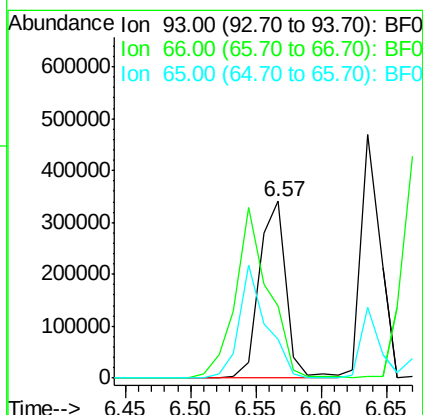
RT: 6.57 min Scan# 392

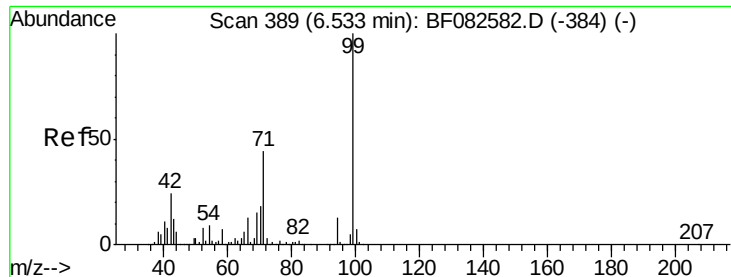
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.6	50.4
65	22.0	18.1	27.1





#7

Phenol-d6

Concen: 116.08 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion: 99 Resp: 1954919

Ion Ratio Lower Upper

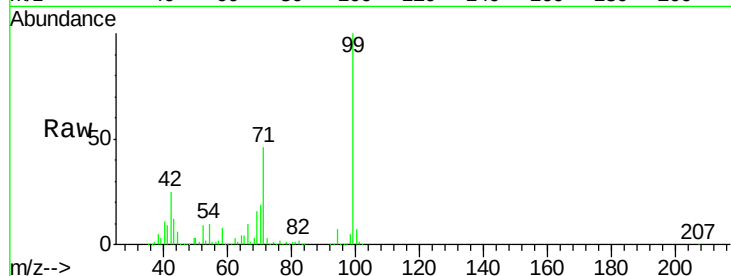
99 100

42 24.8 19.2 28.8

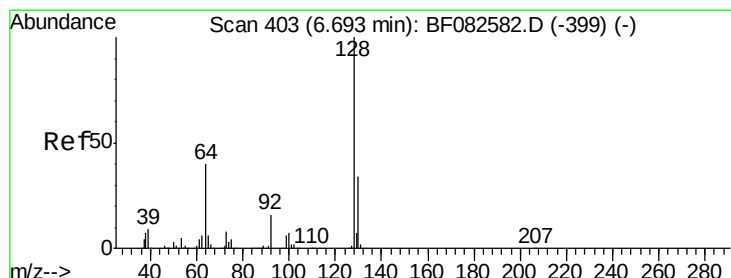
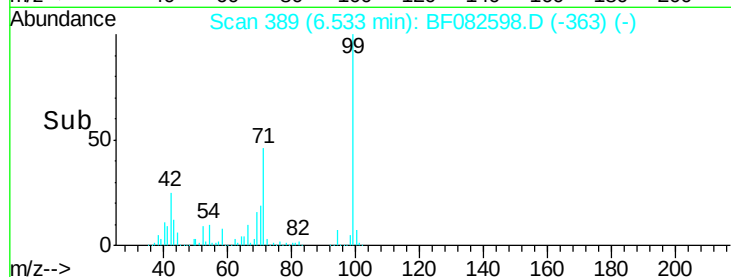
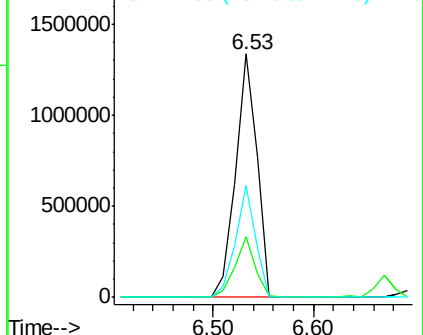
71 45.8 35.0 52.4

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



#8

2-Chlorophenol

Concen: 37.79 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

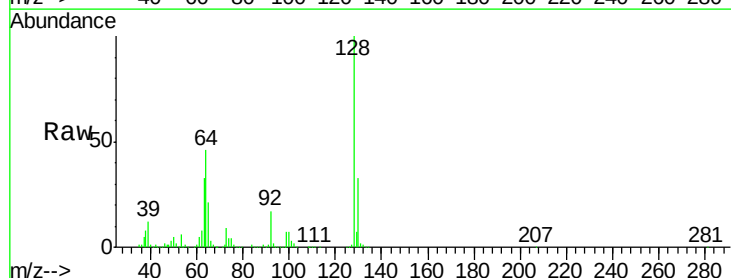
Tgt Ion: 128 Resp: 518351

Ion Ratio Lower Upper

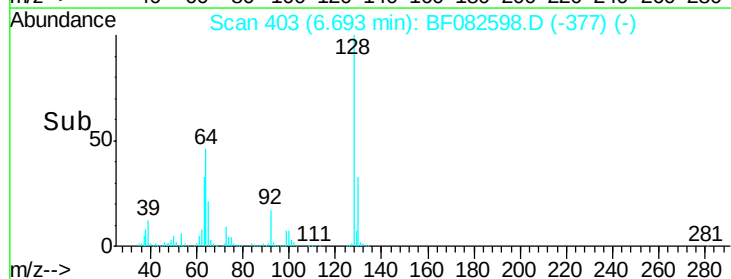
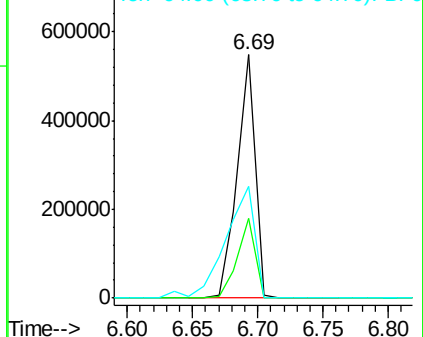
128 100

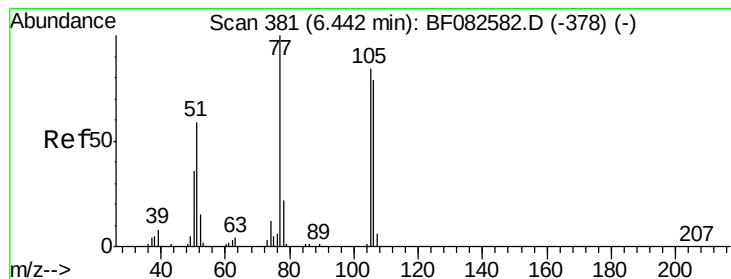
130 33.0 13.5 53.5

64 46.0 21.1 61.1



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





#9

Benzaldehyde

Concen: 11.49 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082598.D

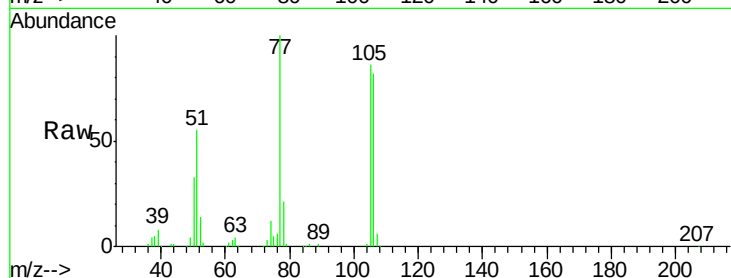
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

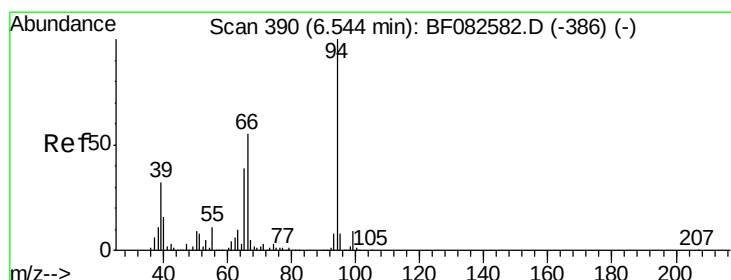
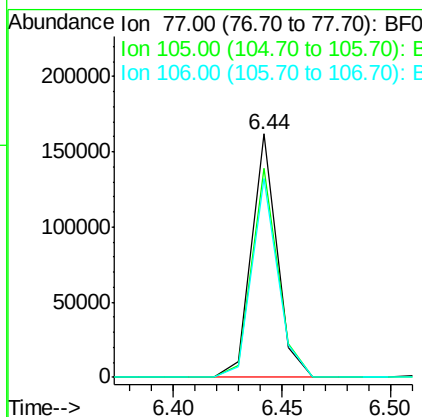
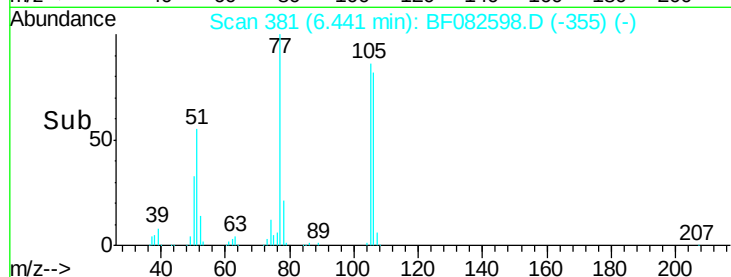
PB86301BS



Tgt Ion:	77	Resp:	132132
Ion Ratio	Lower	Upper	
77	100		
105	85.8	63.5	103.5
106	81.8	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 29.30 ng

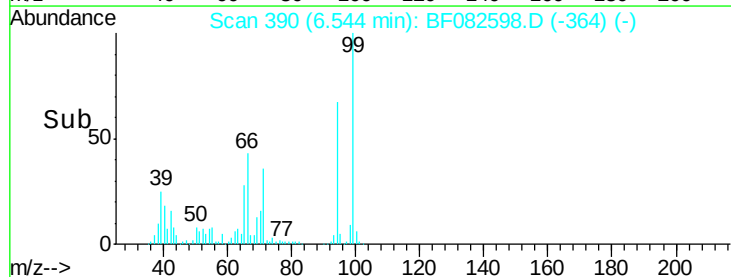
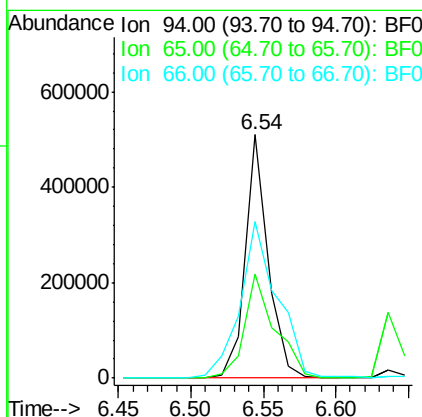
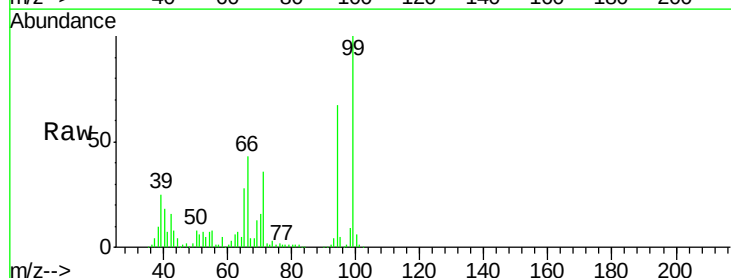
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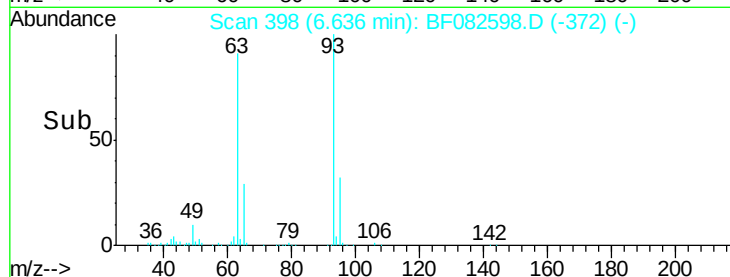
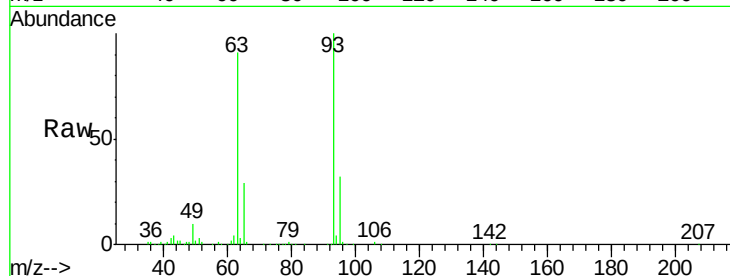
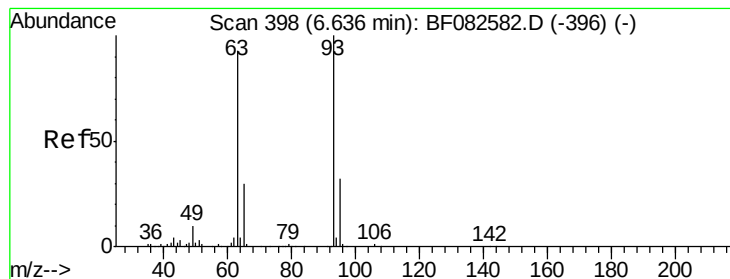
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:	94	Resp:	559081
Ion Ratio	Lower	Upper	
94	100		
65	42.6	18.9	58.9
66	64.3	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 33.56 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:	93	Resp:	472374
Ion	Ratio	Lower	Upper
93	100		
63	90.8	72.7	112.7
95	32.4	12.0	52.0

Instrument :

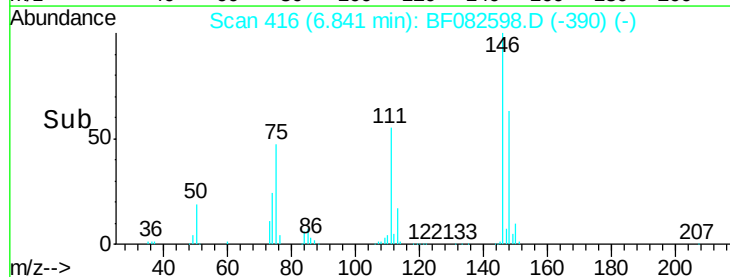
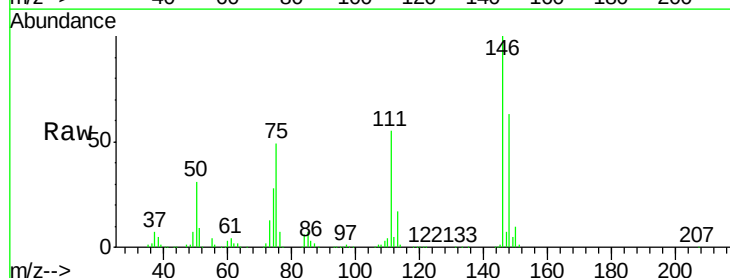
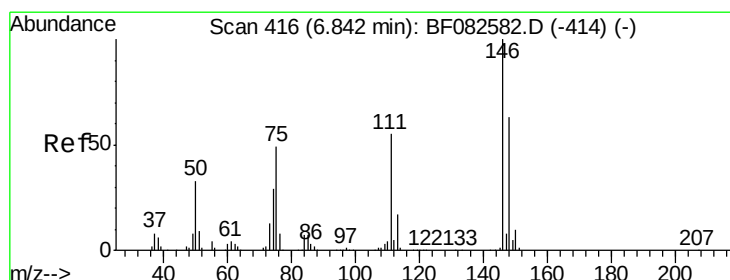
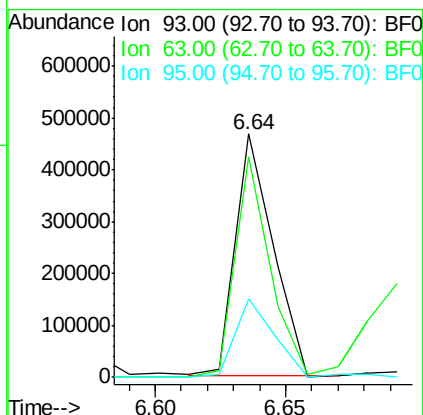
BNA_F

ClientSampleId :

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#12

1,3-Dichlorobenzene

Concen: 32.81 ng

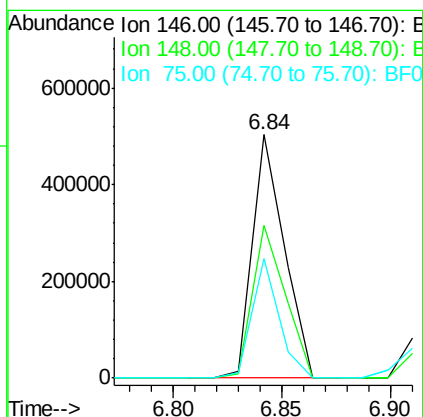
RT: 6.84 min Scan# 416

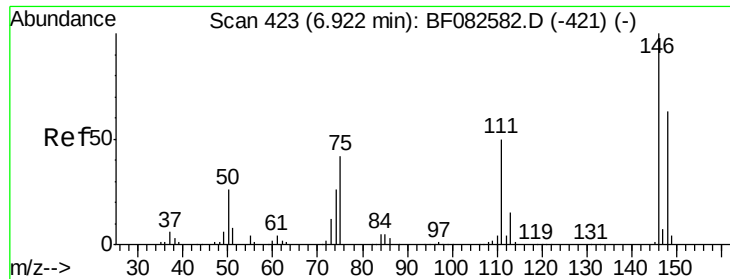
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

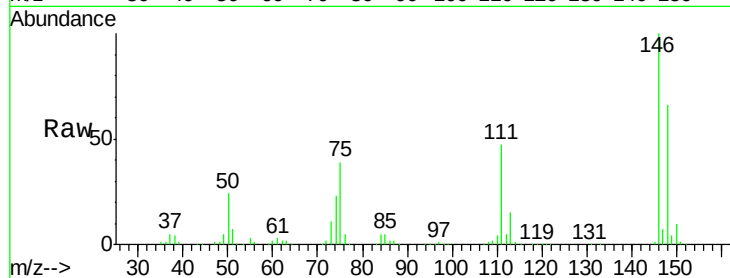
Tgt Ion:	146	Resp:	513188
Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.5	75.7
75	48.9	39.5	59.3





#13
 1,4-Dichlorobenzene
 Concen: 36.52 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

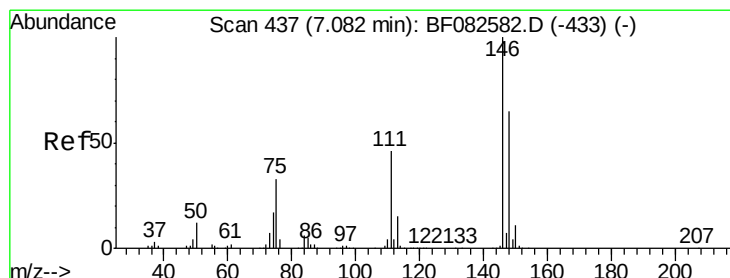
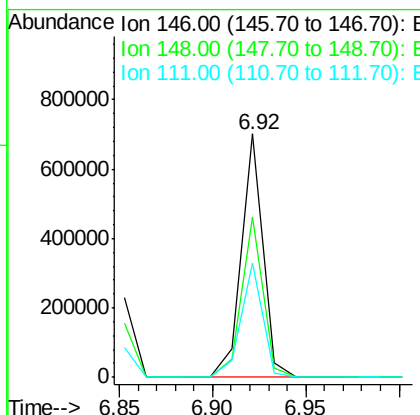
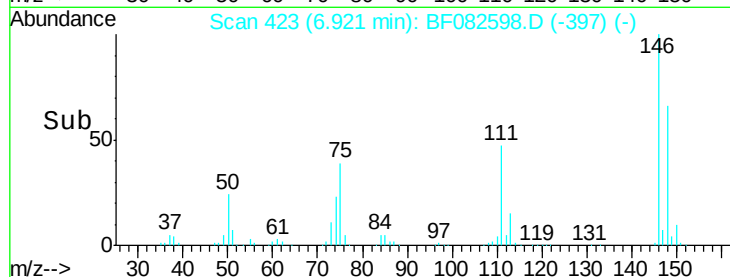
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.8	50.8	76.2
111	47.2	40.6	60.8

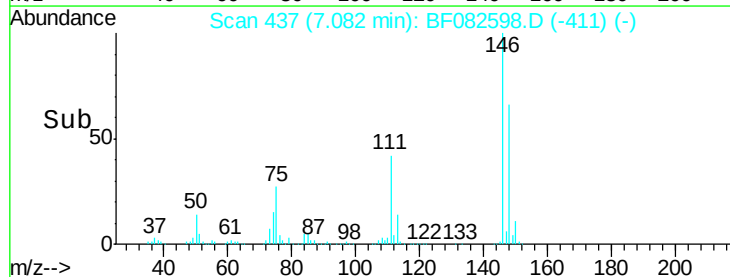
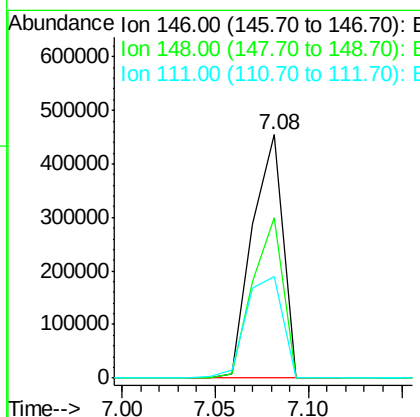
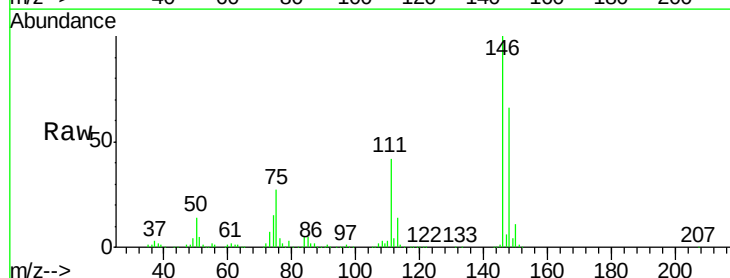
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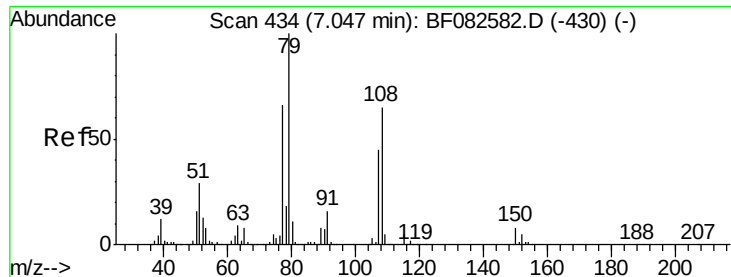
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#14
 1,2-Dichlorobenzene
 Concen: 35.77 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.0	52.2	78.4
111	41.6	36.6	55.0





#15

Benzyl Alcohol

Concen: 37.80 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

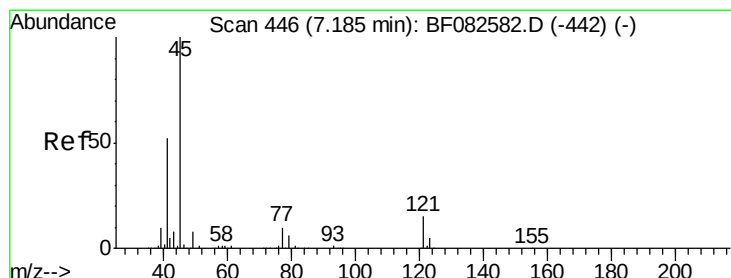
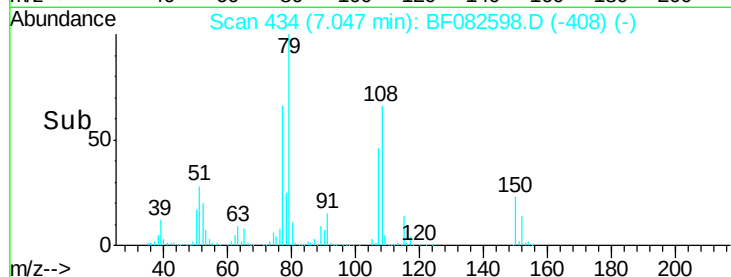
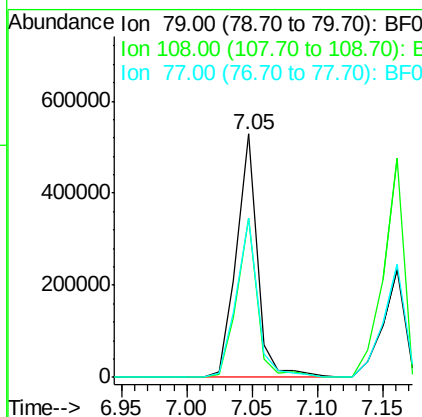
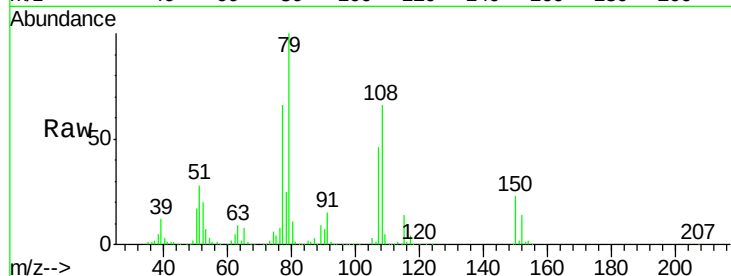
ClientSampleId :

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Tgt Ion:	79	Resp:	593690
Ion Ratio	Lower	Upper	
79	100		
108	65.5	52.2	78.4
77	65.5	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.69 ng

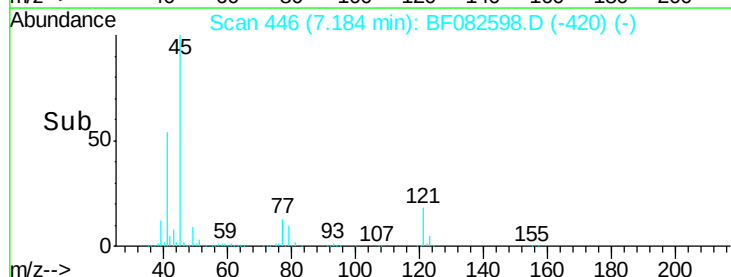
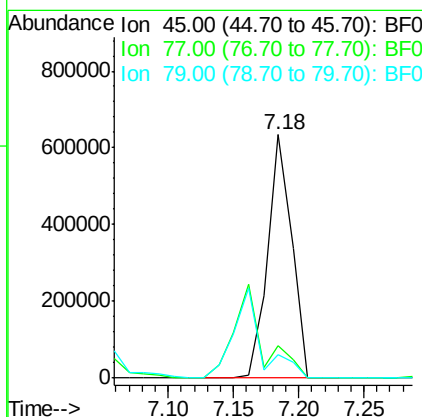
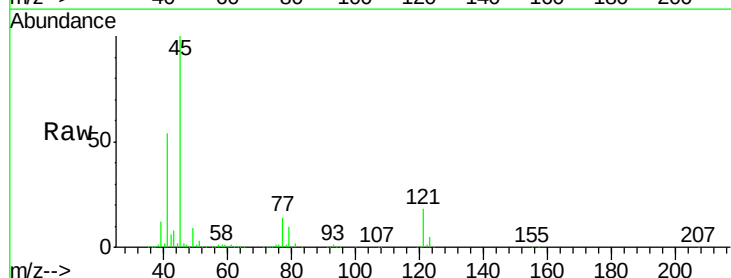
RT: 7.18 min Scan# 446

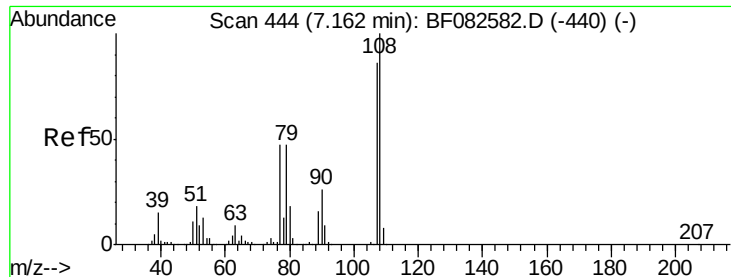
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:	45	Resp:	820774
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.6
79	9.7	0.0	29.2





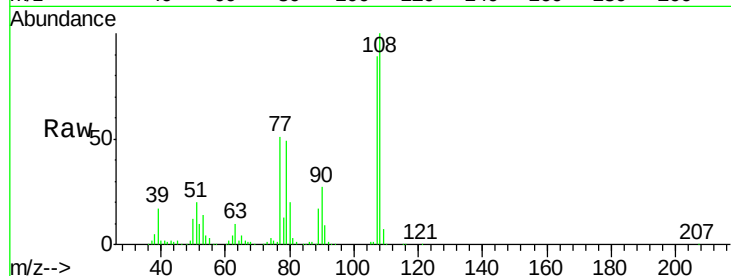
#17
2-Methylphenol
Concen: 39.71 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

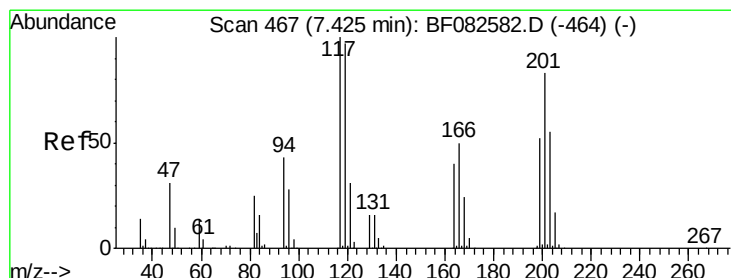
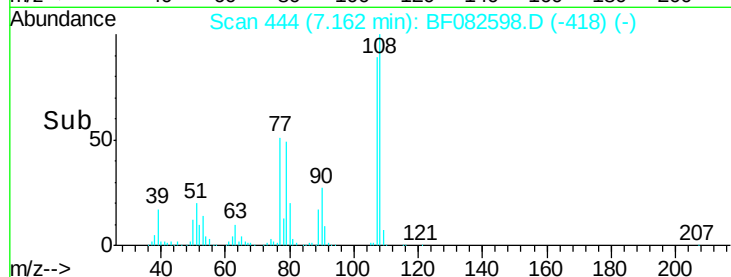
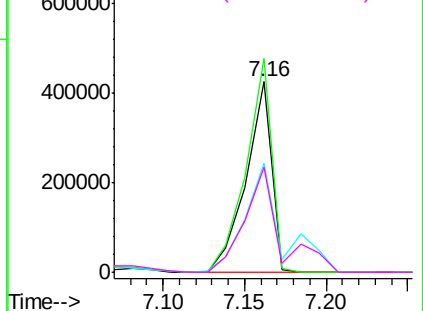
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	463093		
108	112.3	93.0	139.4	
77	57.5	44.1	66.1	
79	55.2	43.6	65.4	

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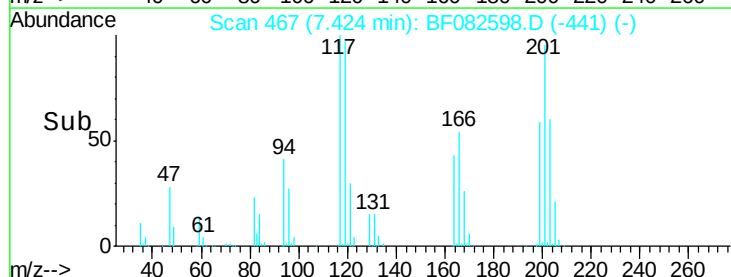
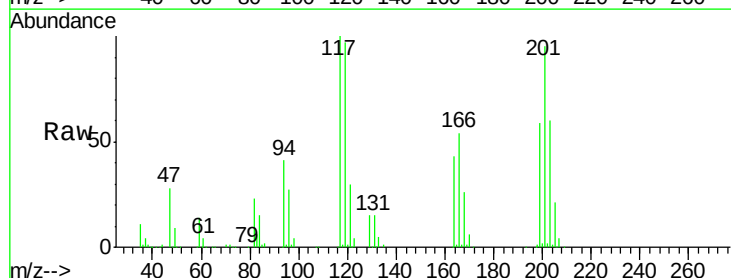
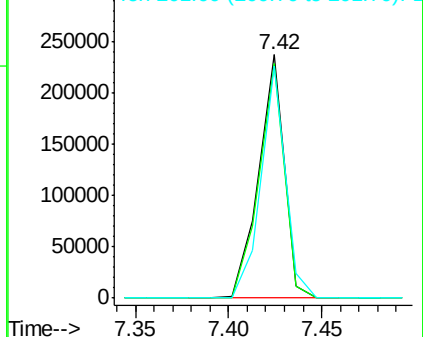
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

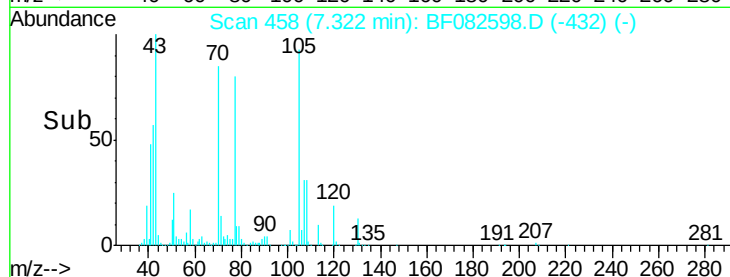
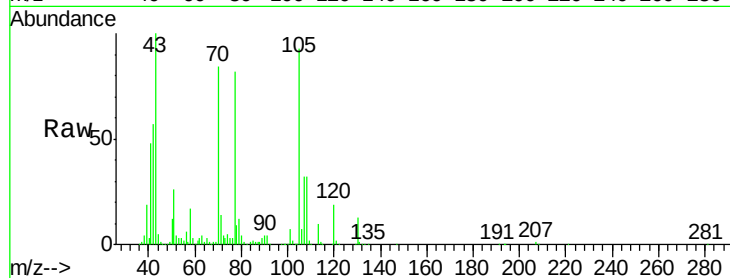
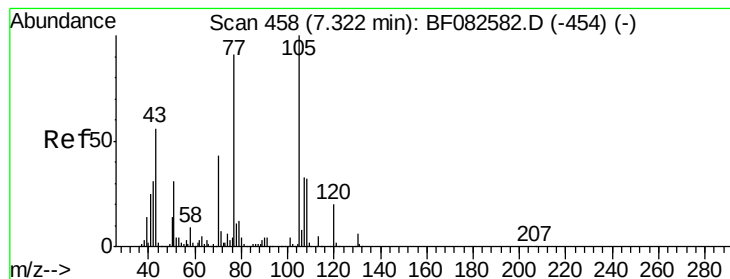


#18
Hexachloroethane
Concen: 36.87 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	223170		
119	96.6	77.7	116.5	
201	95.3	66.7	100.1	

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: 31.98 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion: 70 Resp: 408247

Ion Ratio Lower Upper

70 100

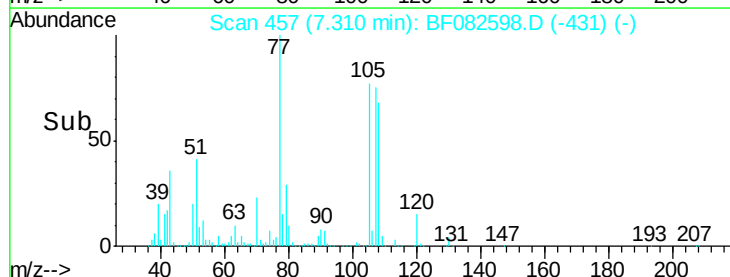
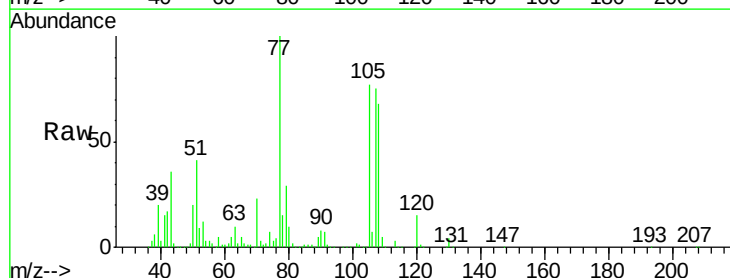
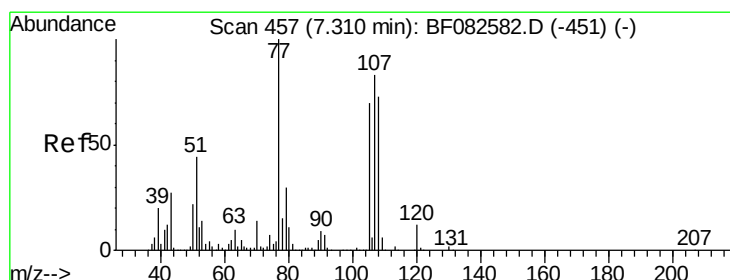
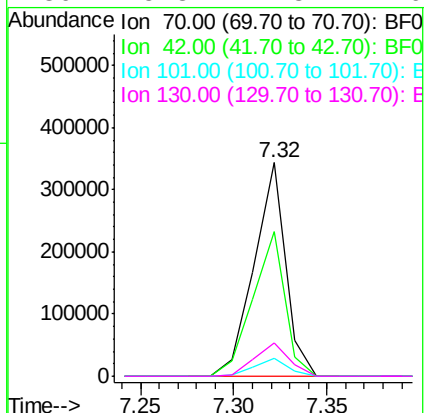
42 67.5 57.7 86.5

101 8.6 7.0 10.6

130 15.3 11.8 17.6

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#20

3+4-Methylphenols

Concen: 34.16 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion: 107 Resp: 517730

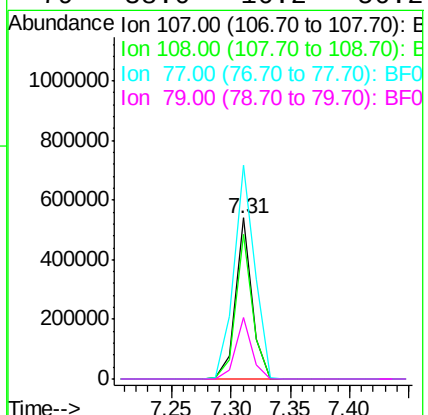
Ion Ratio Lower Upper

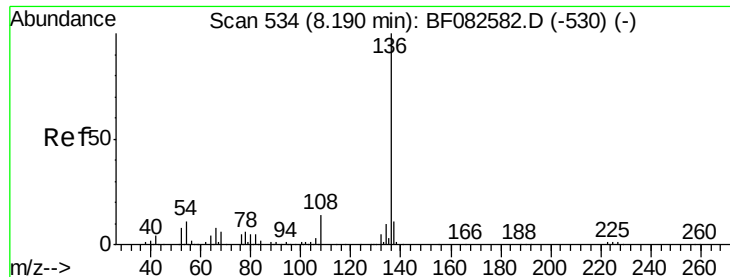
107 100

108 89.9 67.3 107.3

77 132.7 100.3 140.3

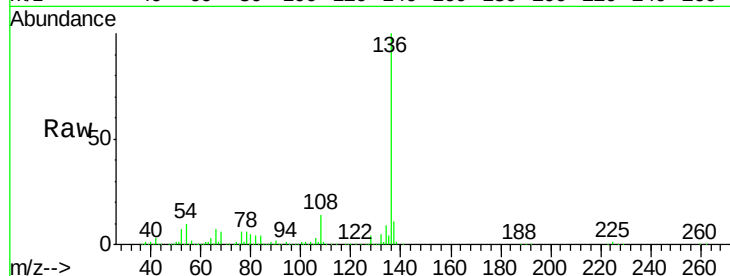
79 38.0 16.2 56.2





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

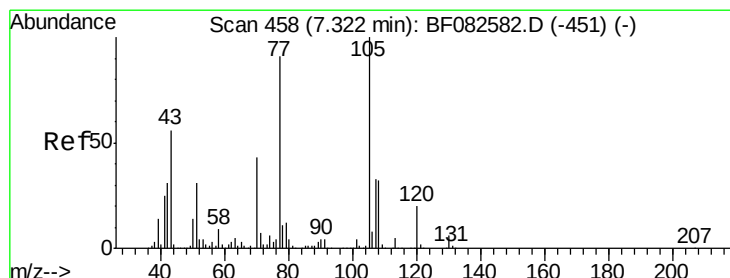
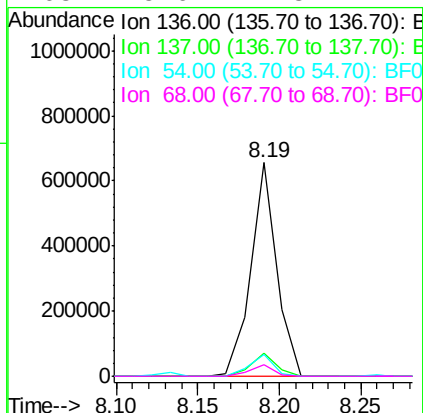
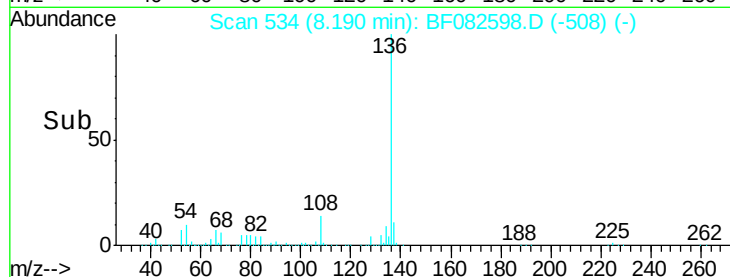
Instrument :
BNA_F
ClientSampleId :
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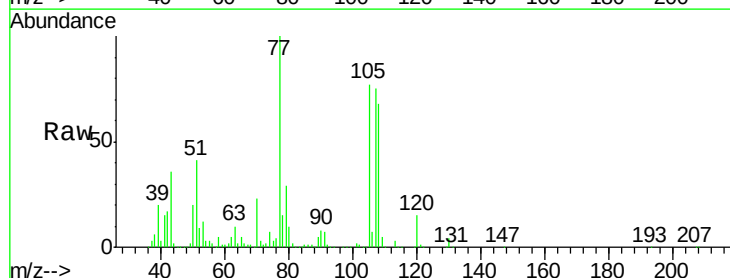
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		720492		
137	10.9	9.1	13.7		
54	10.3	9.1	13.7		
68	5.6	4.8	7.2		

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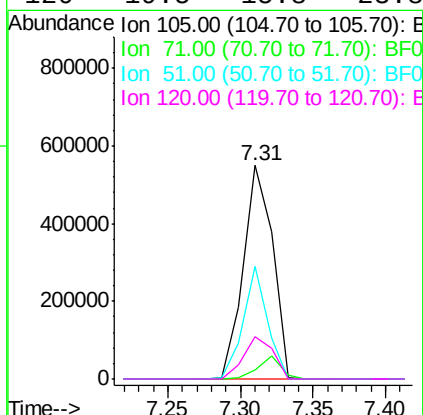
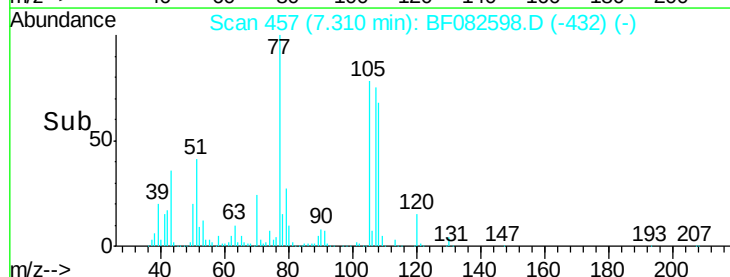
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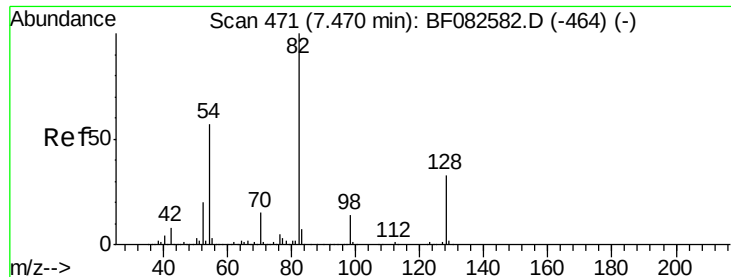


#22
Acetophenone
Concen: 36.28 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		769561		
71	4.5	5.6	8.4#		
51	52.9	24.9	37.3#		
120	19.5	15.8	23.8		





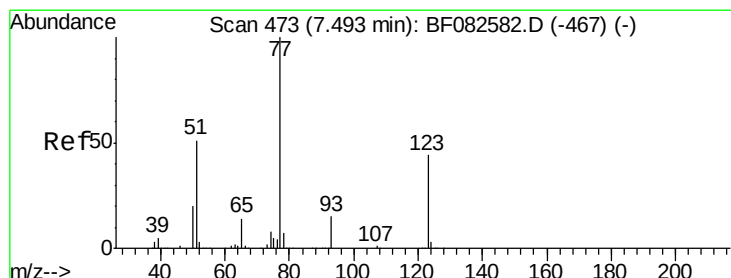
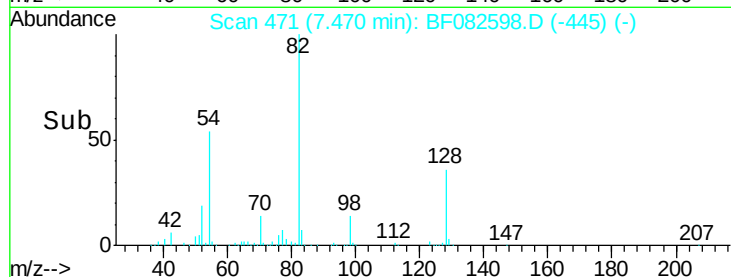
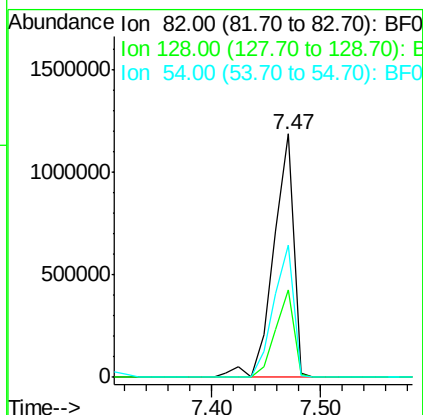
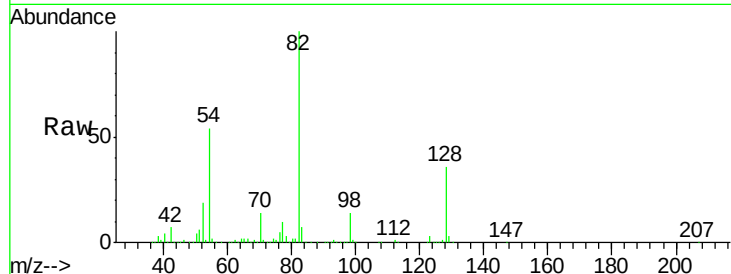
#23
Nitrobenzene-d5
Concen: 85.85 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion: 82 Resp: 1514815
Ion Ratio Lower Upper
82 100
128 35.9 26.8 40.2
54 54.1 45.7 68.5

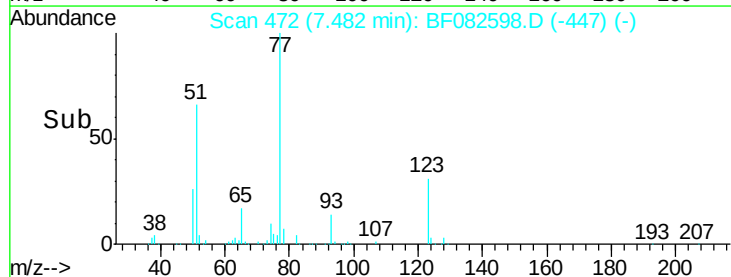
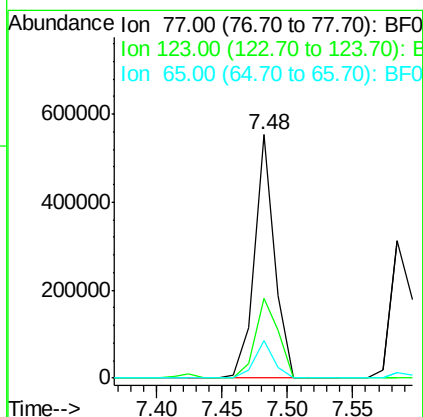
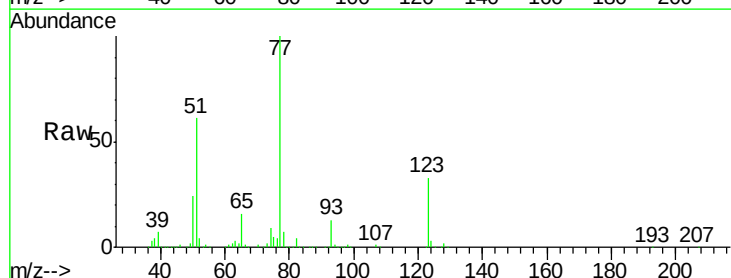
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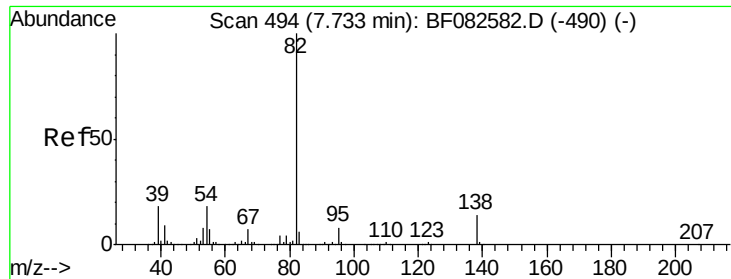
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#24
Nitrobenzene
Concen: 33.21 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion: 77 Resp: 592210
Ion Ratio Lower Upper
77 100
123 33.0 36.4 54.6#
65 15.6 11.5 17.3





#25

Isophorone

Concen: 36.07 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

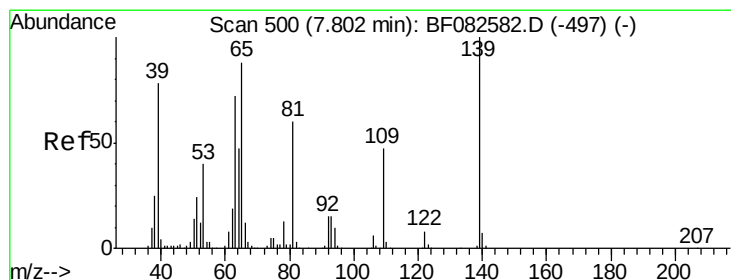
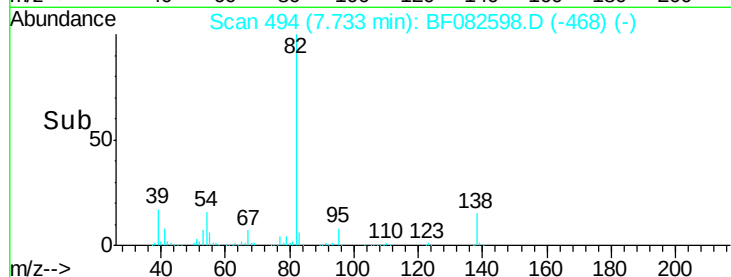
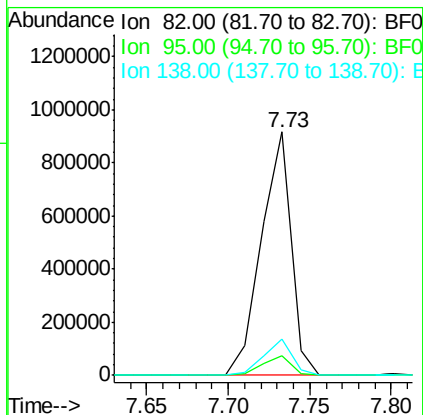
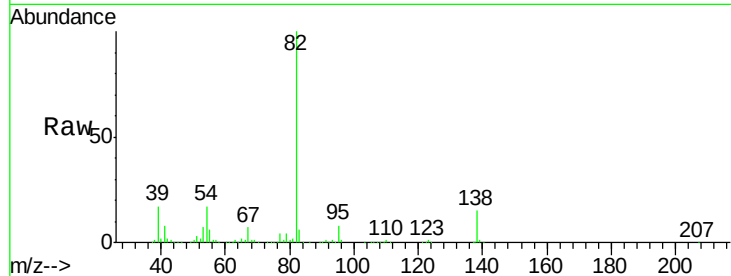
PB86301BS

Manual Integrations
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Tgt Ion:	82	Resp:	1170795
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.6	9.8
138	15.1	11.4	17.0



#26

2-Nitrophenol

Concen: 35.35 ng

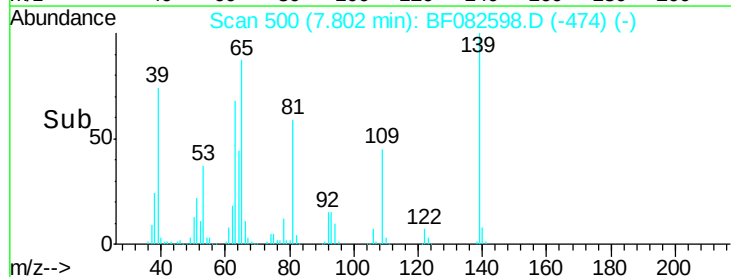
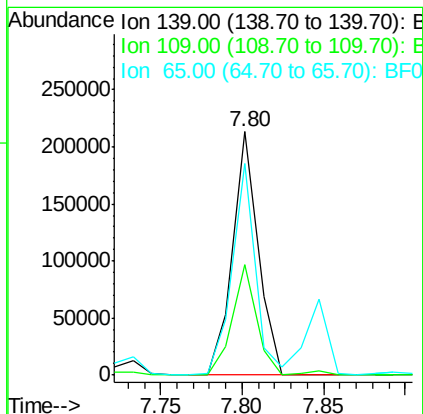
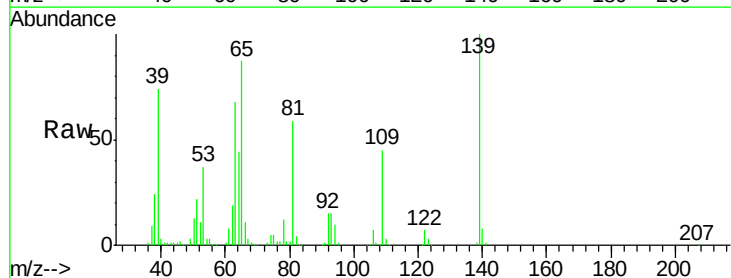
RT: 7.80 min Scan# 500

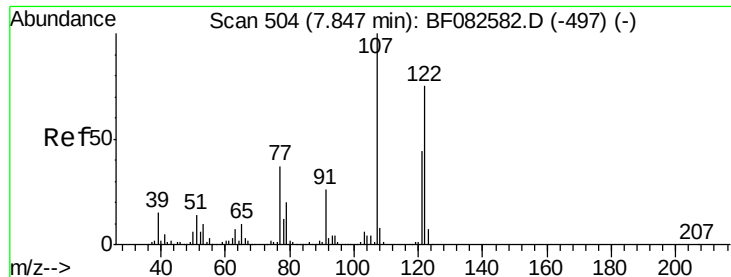
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:	139	Resp:	230271
Ion	Ratio	Lower	Upper
139	100		
109	45.5	37.6	56.4
65	87.1	70.6	105.8





#27

2,4-Dimethylphenol

Concen: 40.25 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

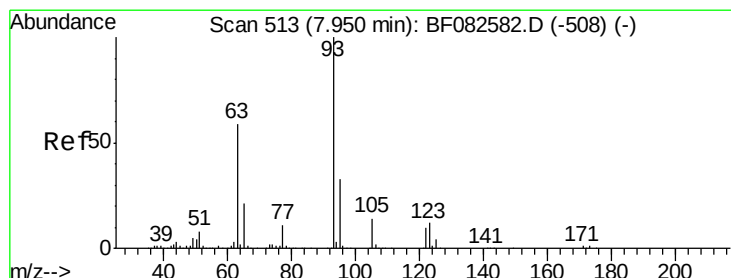
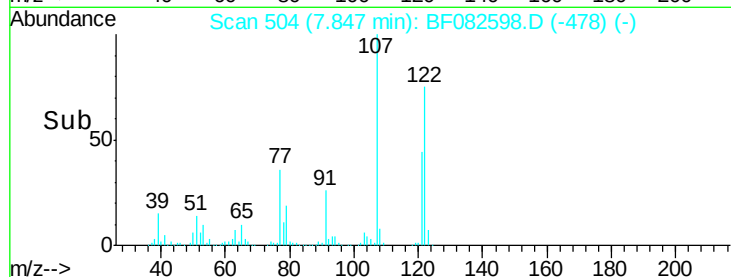
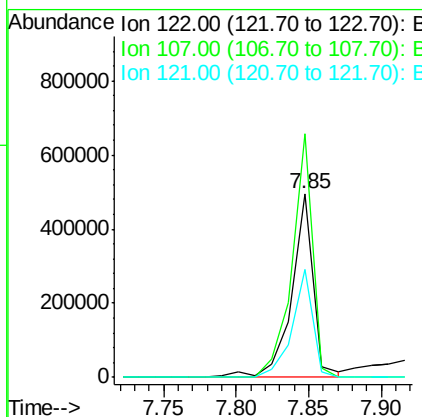
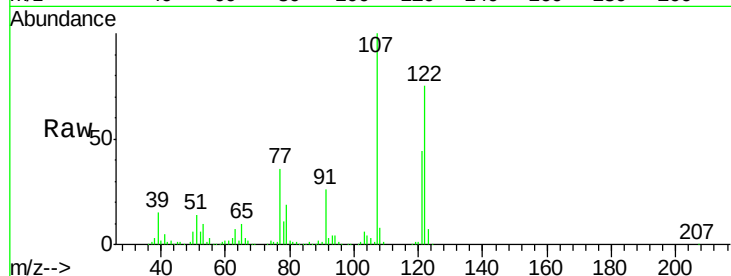
ClientSampleId :

PB86301BS

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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	511867		
107	132.7	106.0	159.0	
121	58.5	46.7	70.1	



#28

bis(2-Chloroethoxy)methane

Concen: 34.39 ng

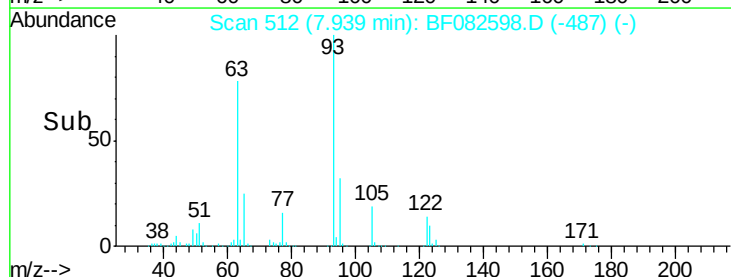
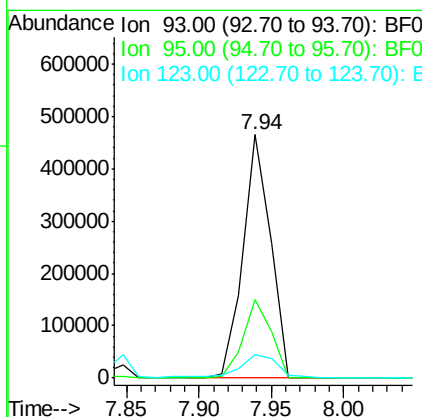
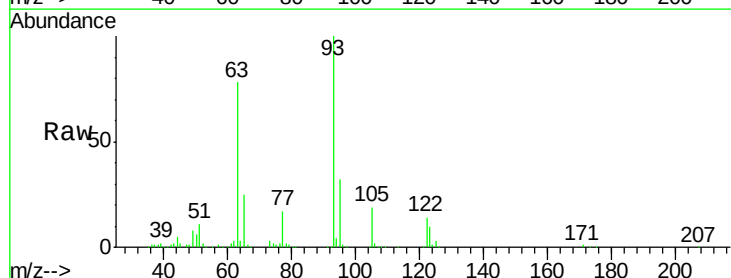
RT: 7.94 min Scan# 512

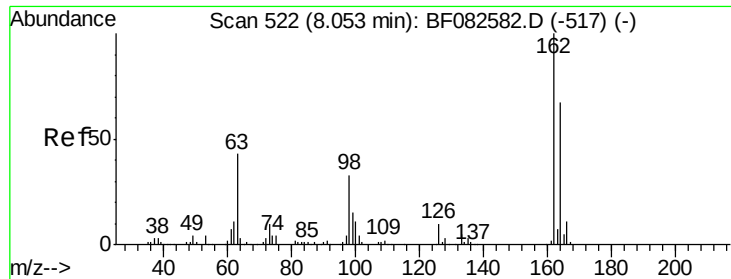
Delta R.T. -0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	610569		
95	32.4	26.6	40.0	
123	9.8	9.7	14.5	





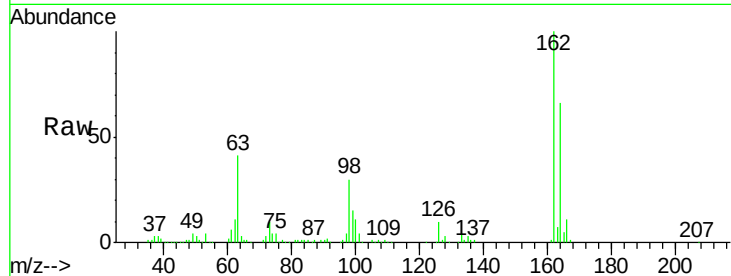
#29
2,4-Dichlorophenol
Concen: 38.06 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	46.8	86.8
98	30.2	12.5	52.5

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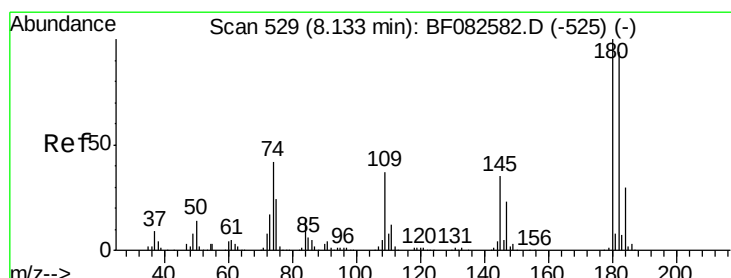
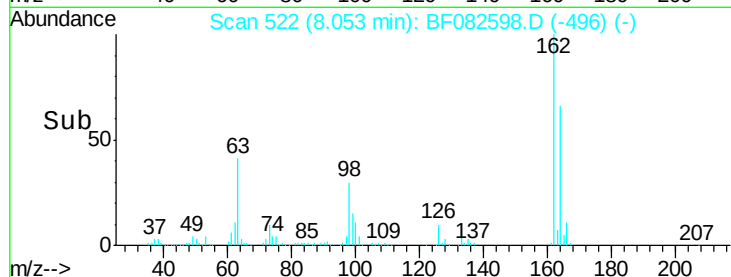
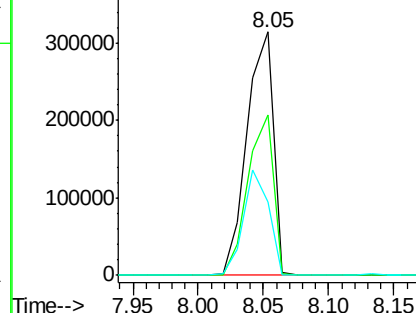


Abundance

Ion 162.00 (161.70 to 162.70): E

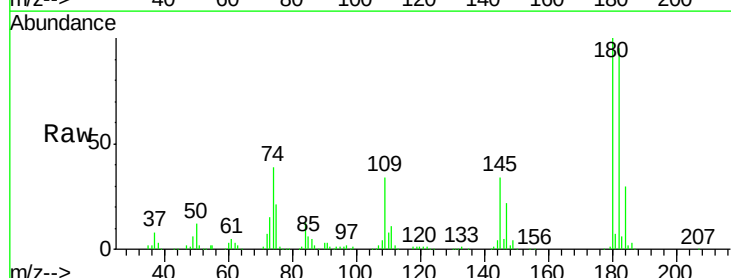
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 35.01 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	74.9	112.3
145	34.2	27.8	41.8

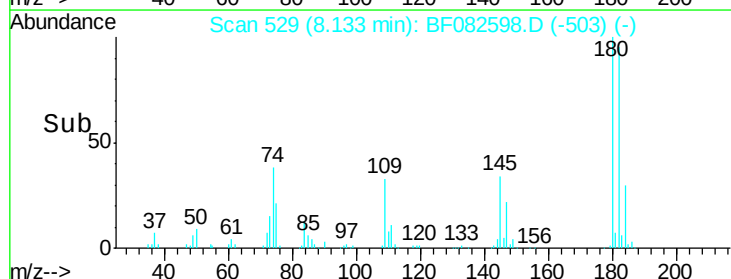
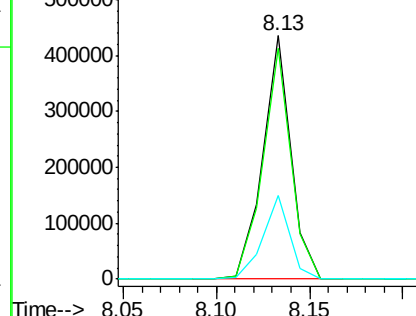


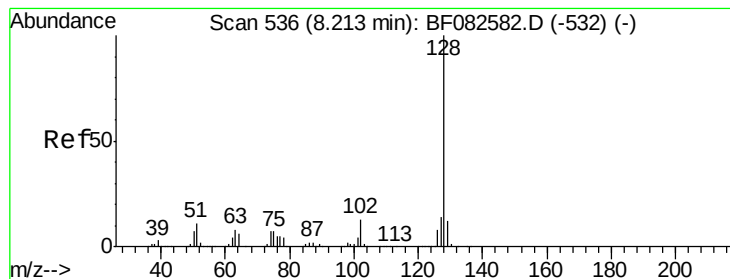
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.17 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082598.D

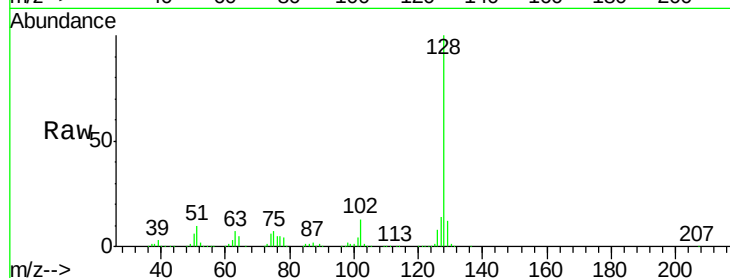
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS



Tgt Ion:128 Resp: 1371287

Ion Ratio Lower Upper

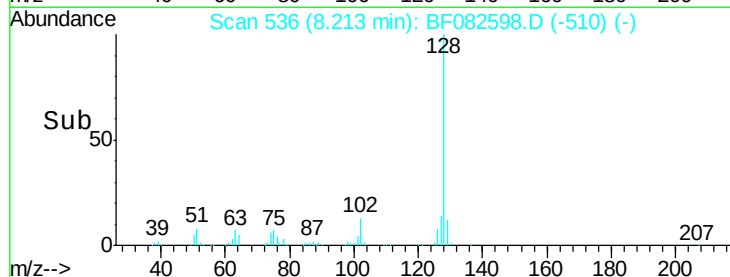
128 100

129 11.7 9.5 14.3

127 14.4 11.4 17.0

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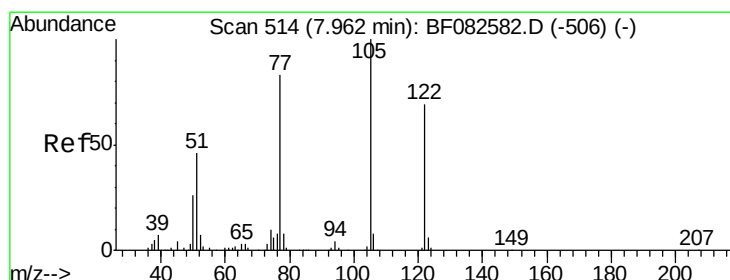
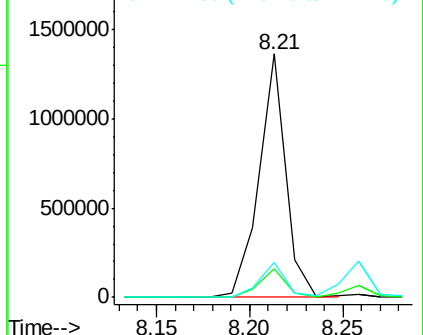
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.61 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

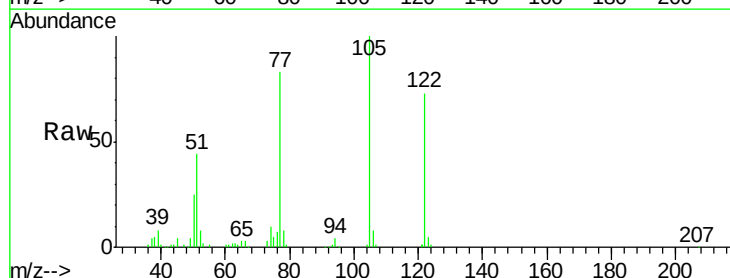
Tgt Ion:122 Resp: 328562

Ion Ratio Lower Upper

122 100

105 137.8 122.6 162.6

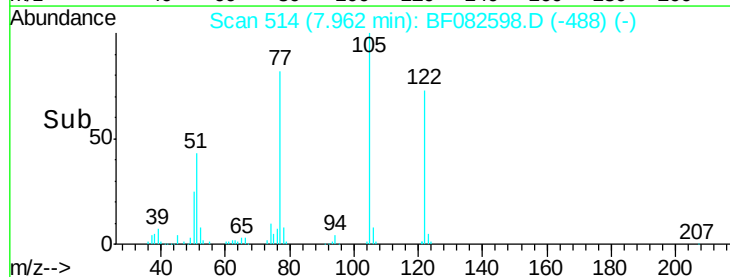
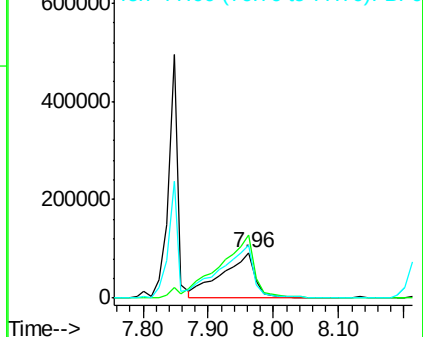
77 114.8 100.9 140.9

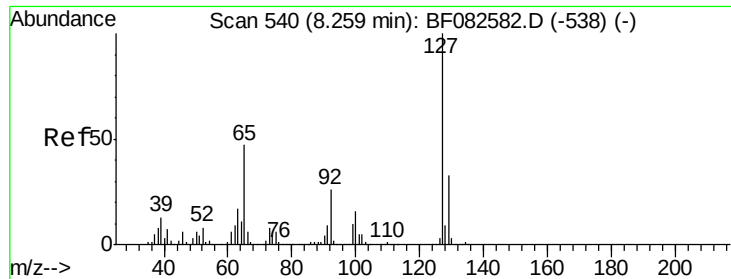


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

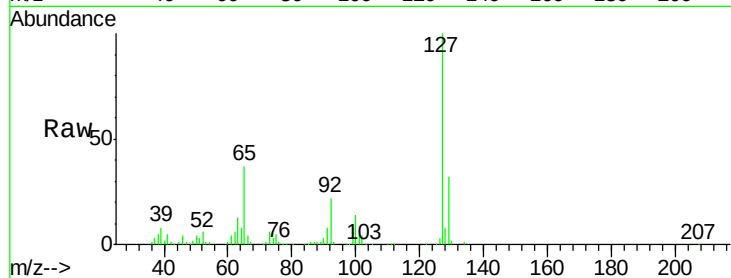
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 12.83 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

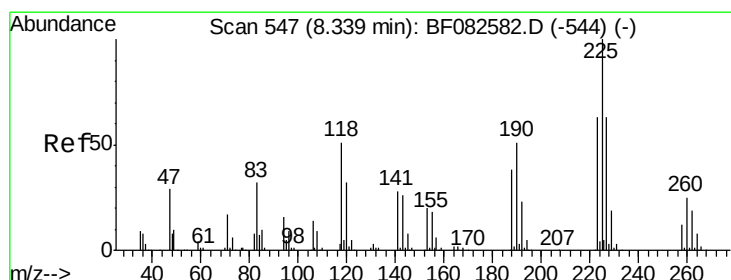
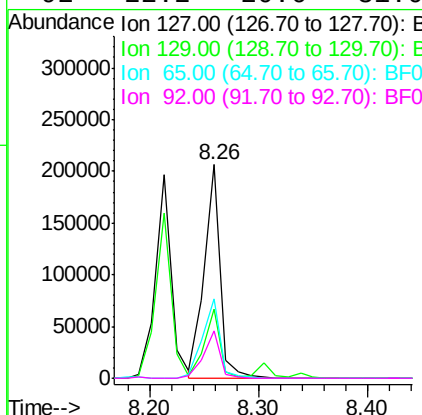
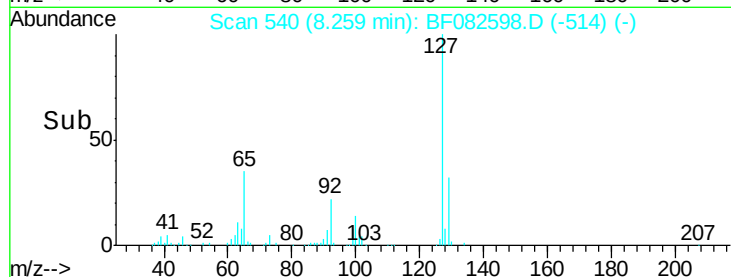
Instrument :
BNA_F
ClientSampleId :
PB86301BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	213579		
129	32.5	26.3	39.5	
65	37.3	37.8	56.8	
92	22.2	20.6	31.0	

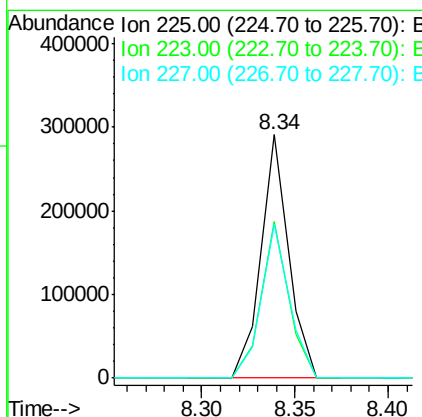
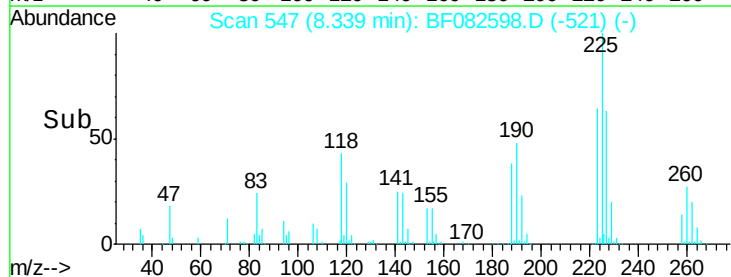
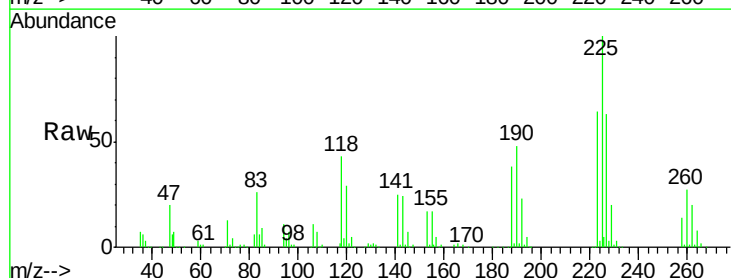
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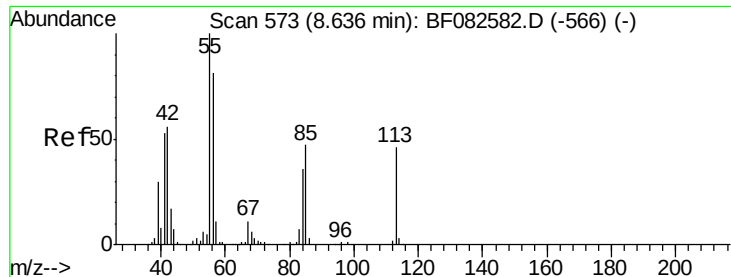
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#34
Hexachlorobutadiene
Concen: 36.47 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	298365		
223	64.2	50.5	75.7	
227	63.3	50.2	75.2	





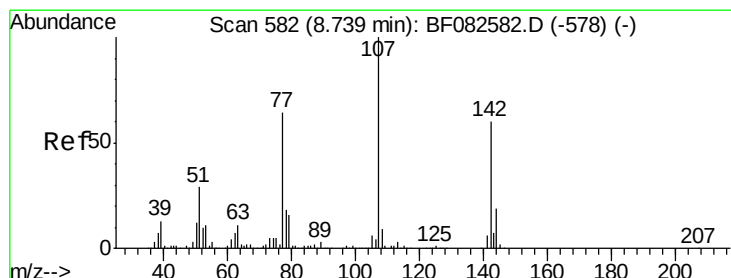
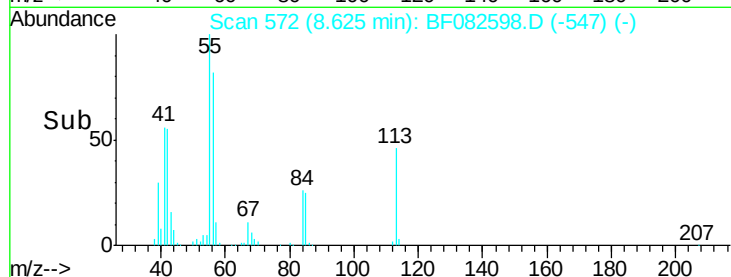
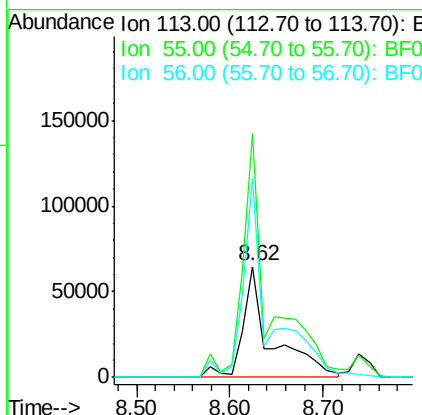
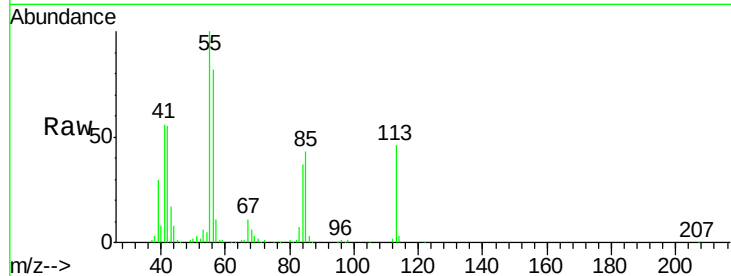
#35
 Caprolactam
 Concen: 38.39 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	219.3	136532	195.5	235.5
56	179.2		153.5	193.5

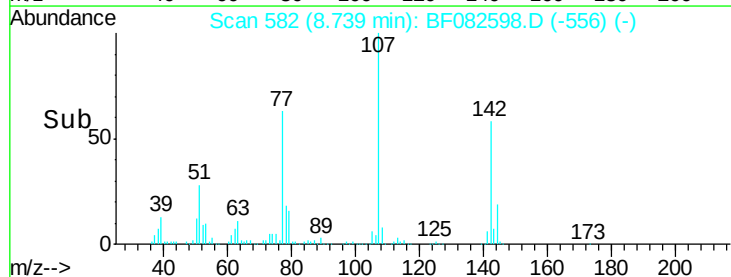
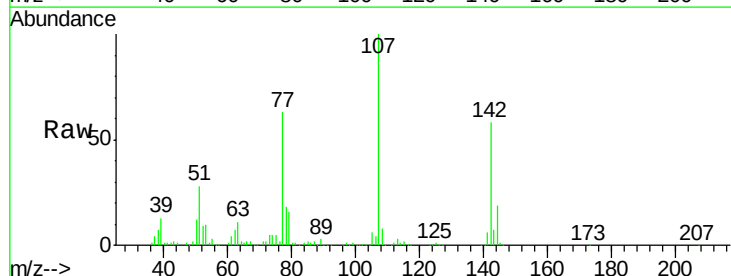
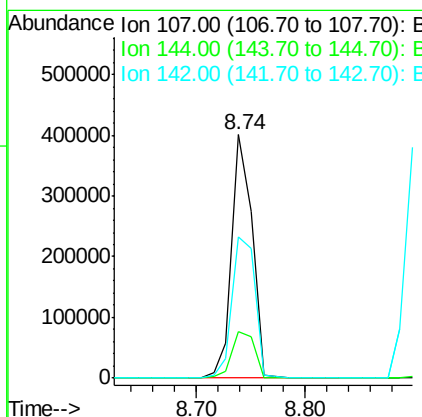
Manual Integrations
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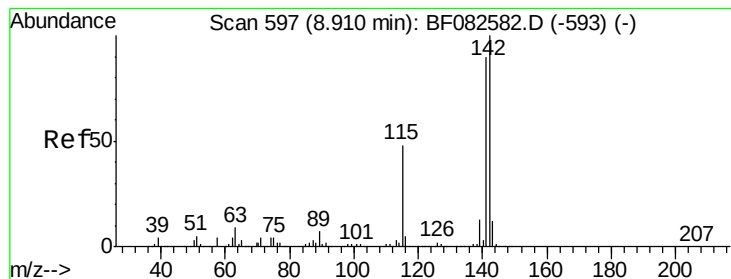
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#36
 4-Chloro-3-methylphenol
 Concen: 37.96 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	518225		
144	19.4		15.4	23.0
142	58.1		47.8	71.8





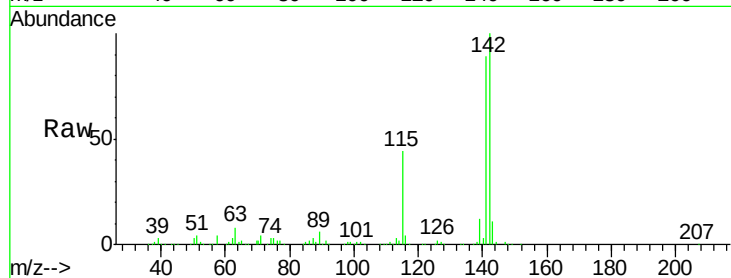
#37
 2-Methylnaphthalene
 Concen: 41.05 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	44.3	38.1	57.1

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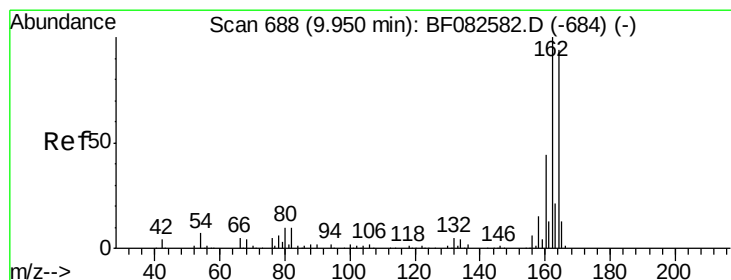
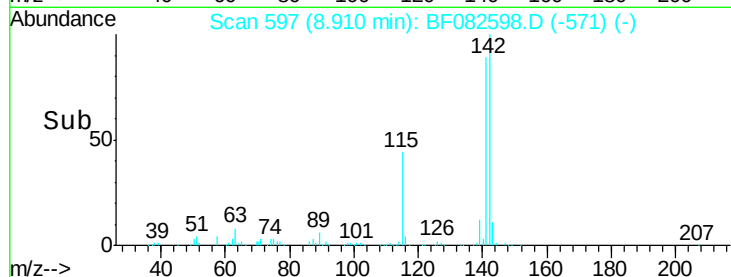
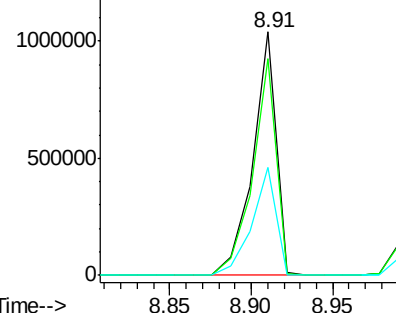


Abundance

Ion 142.00 (141.70 to 142.70): E

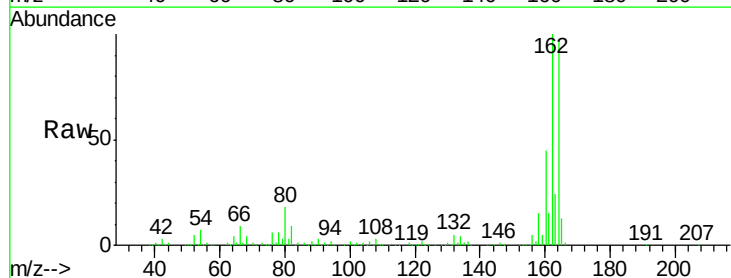
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.9	127.3
160	46.0	37.5	56.3

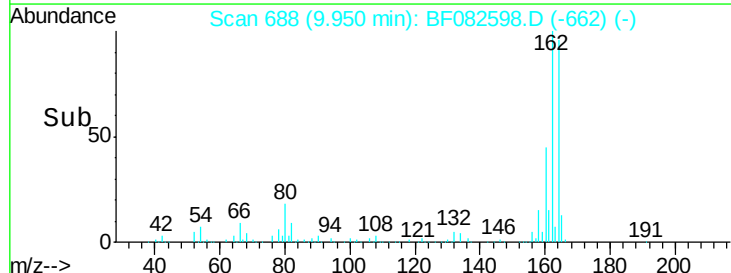
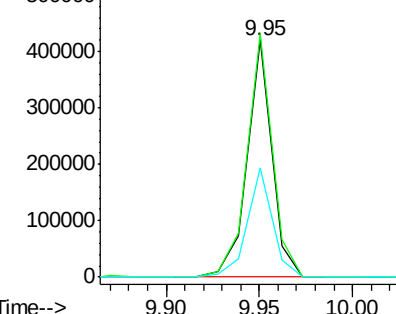


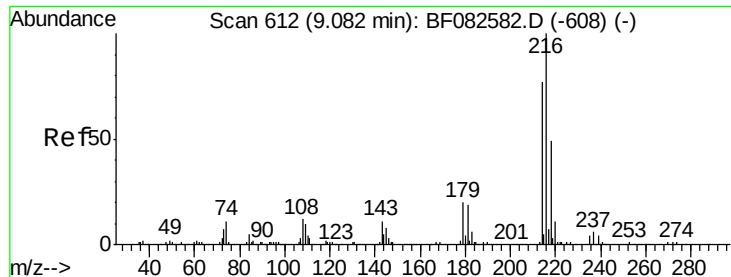
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.95 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

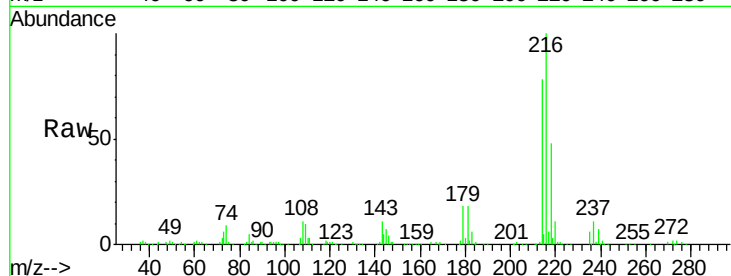
ClientSampleId :

PB86301BS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		472473		
214	78.8	62.2	93.2		
179	21.4	18.1	27.1		
108	23.8	16.6	25.0		

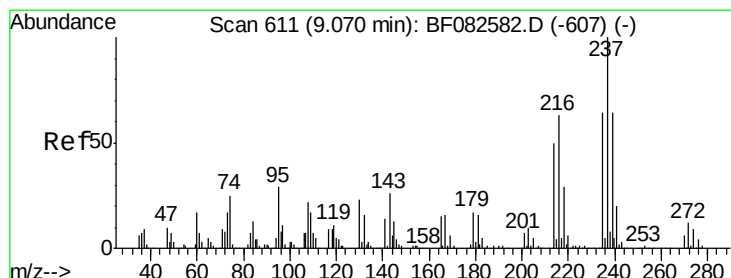
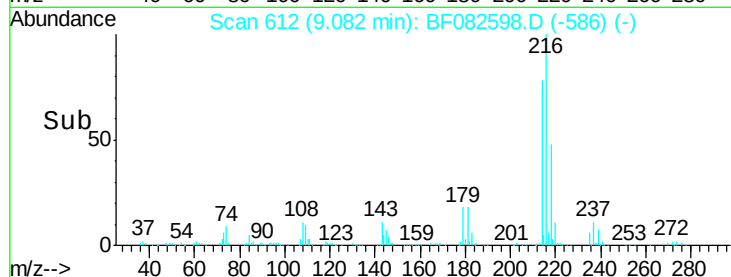
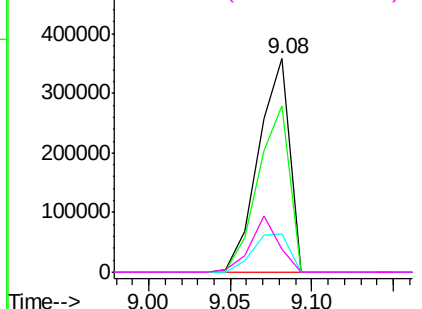


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.69 ng

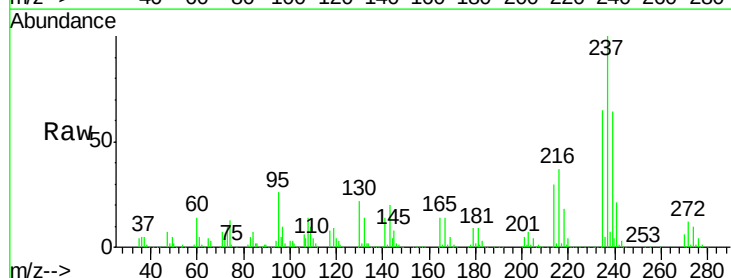
RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

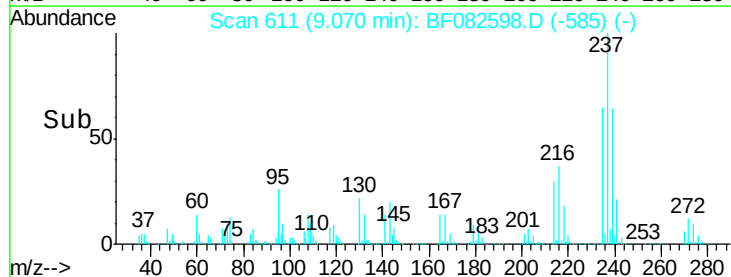
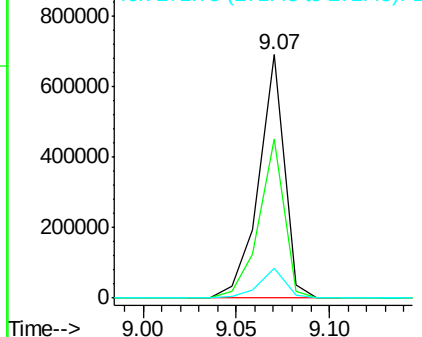
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		656694		
235	65.1	44.3	84.3		
272	12.1	0.0	31.9		

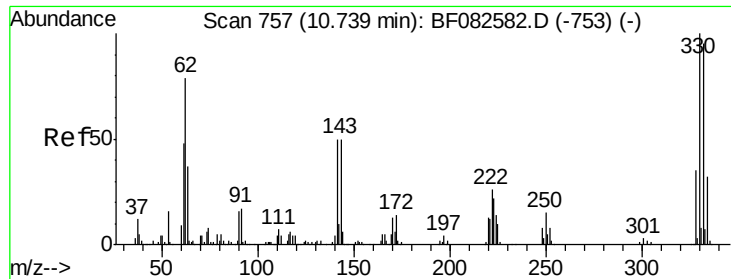


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





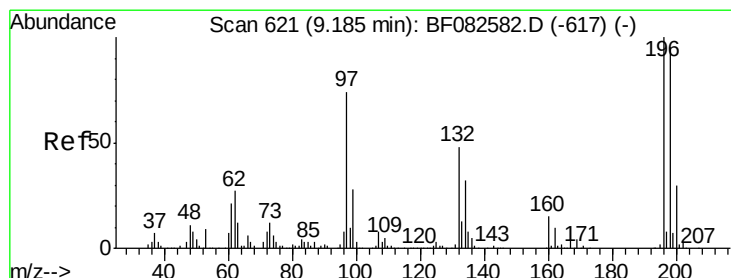
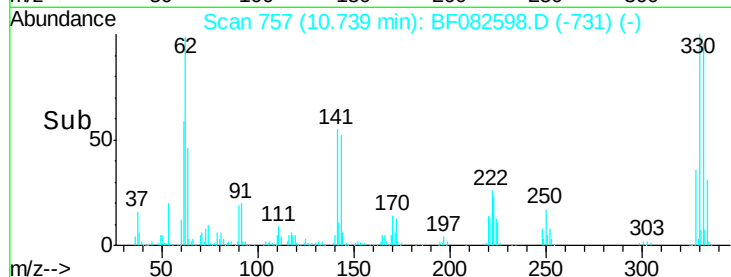
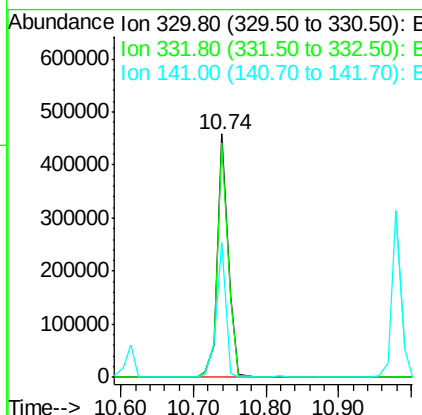
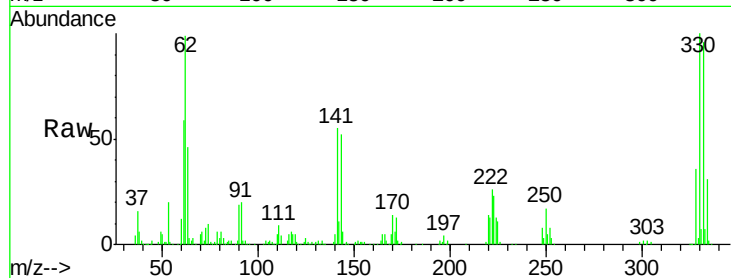
#41
 2,4,6-Tribromophenol
 Concen: 114.36 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	479623		
332	95.6	76.6	114.8	
141	48.3	41.2	61.8	

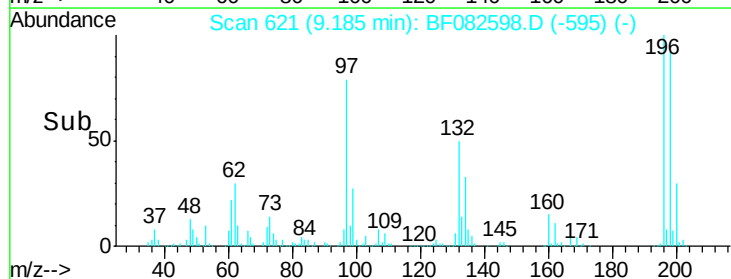
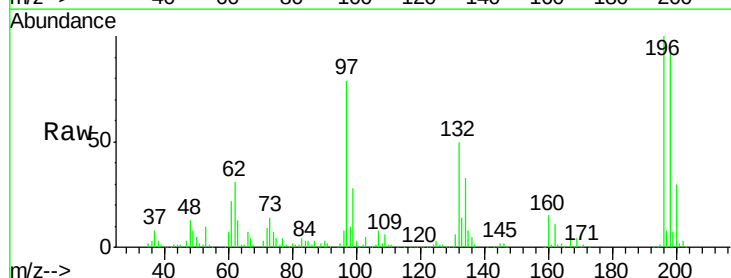
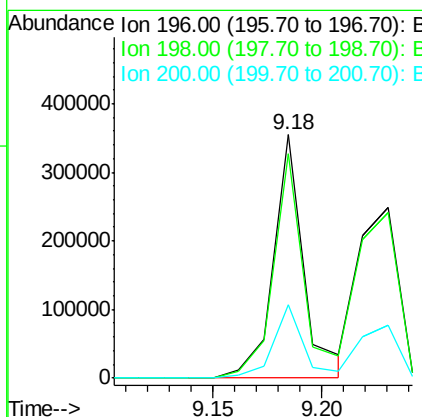
Manual Integrations
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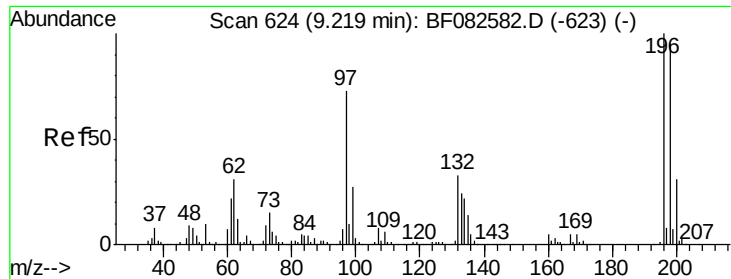
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 11/2/2015 4:32:14 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.75 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

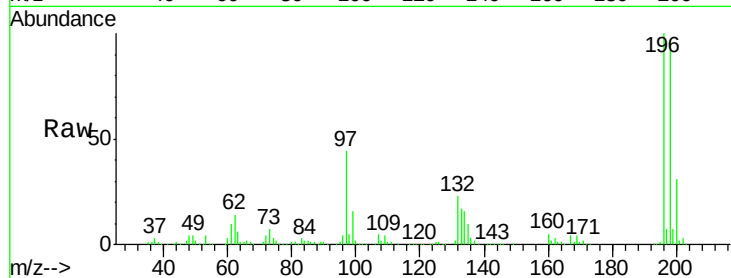
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348561		
198	92.3	76.3	114.5	
200	30.2	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 35.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

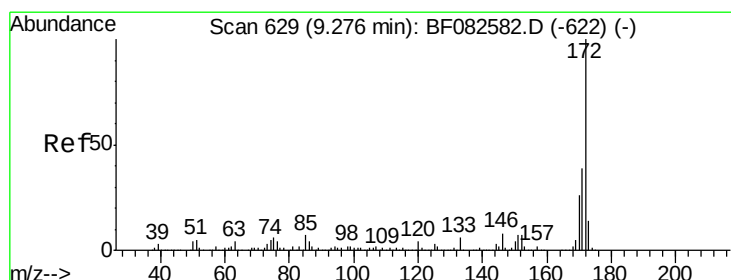
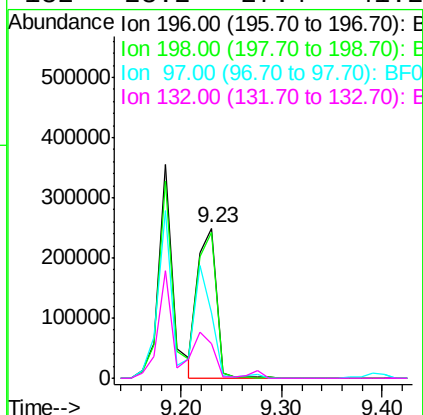
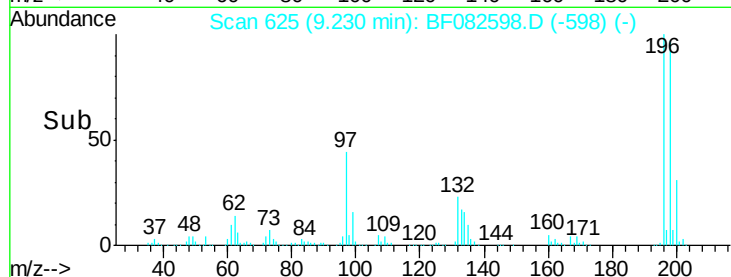
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325782		
198	96.8	75.8	113.8	
97	43.6	62.3	93.5	
132	23.2	27.4	41.2	

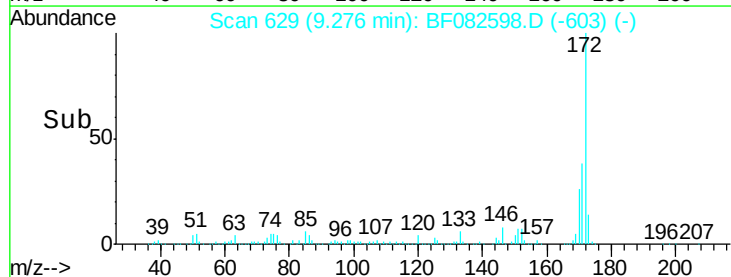
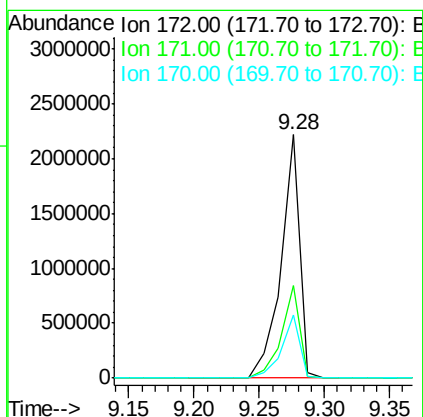
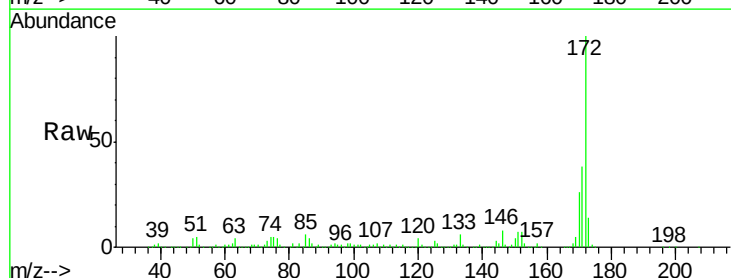
Manual Integrations
 APPROVED

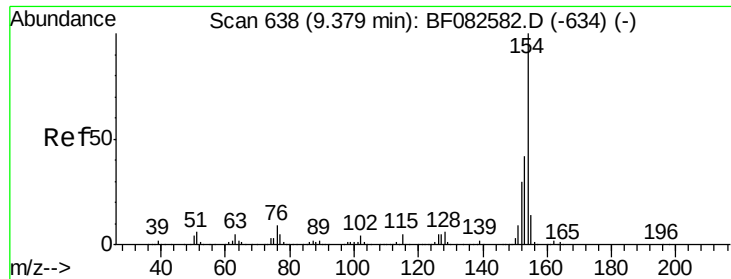
Mmdadoda
 11/2/2015 4:32:14 PM



#44
 2-Fluorobiphenyl
 Concen: 82.34 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2222369		
171	37.9	30.8	46.2	
170	26.0	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 35.67 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082598.D

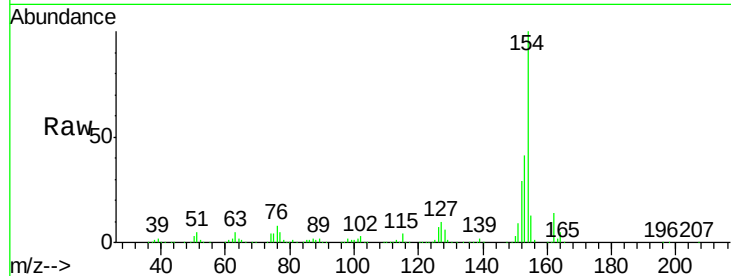
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampled :

PB86301BS



Tgt Ion:154 Resp: 1154671

Ion Ratio Lower Upper

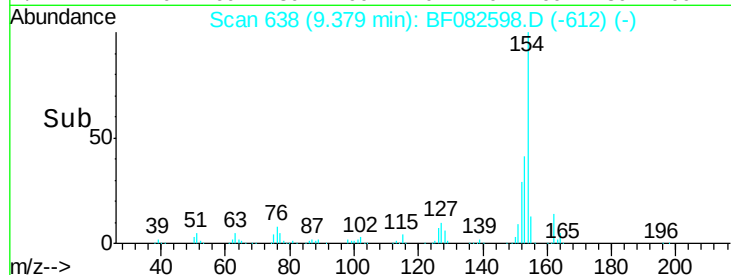
154 100

153 41.0 22.0 62.0

76 8.1 0.0 29.0

Manual Integrations
APPROVED

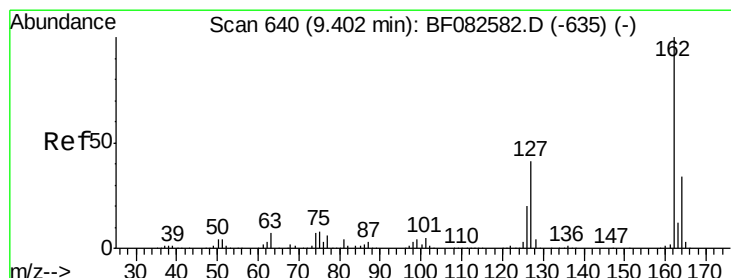
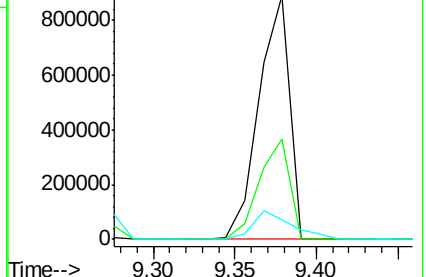
Mmdadoda
11/2/2015 4:32:14 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.98 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

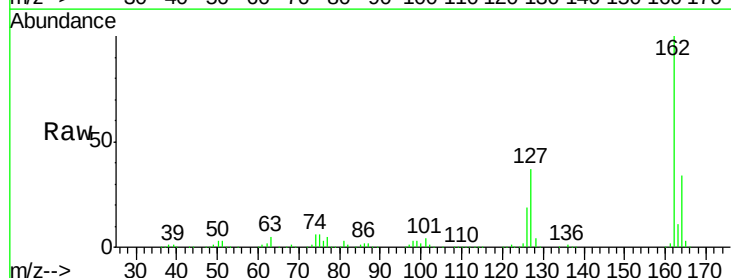
Tgt Ion:162 Resp: 934606

Ion Ratio Lower Upper

162 100

127 37.2 32.7 49.1

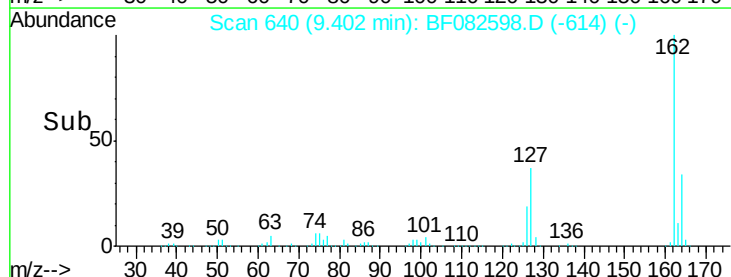
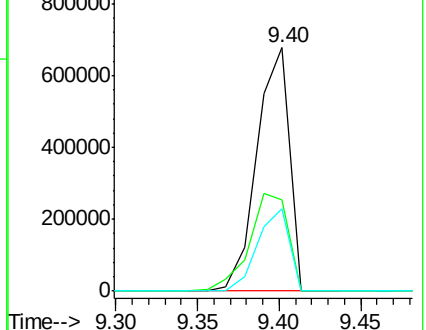
164 33.8 27.4 41.0

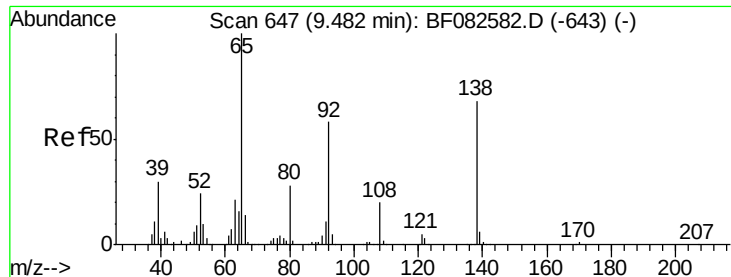


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





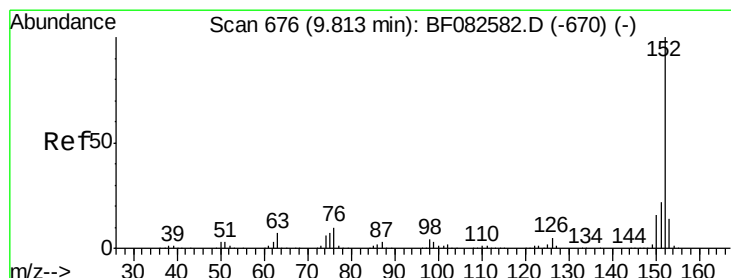
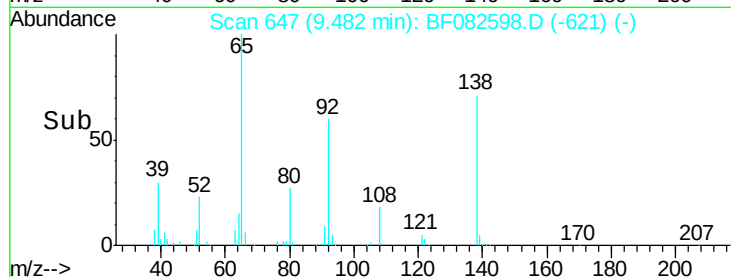
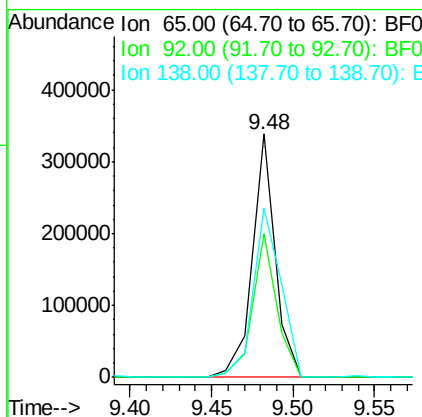
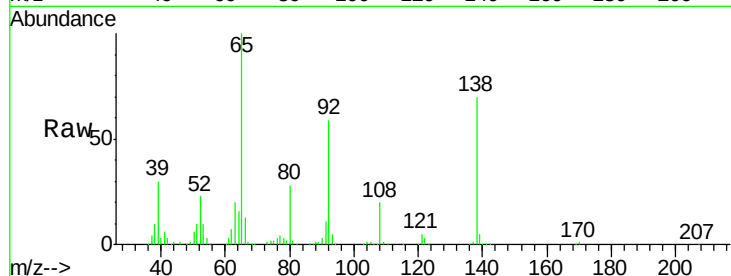
#47
2-Nitroaniline
Concen: 33.46 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.2	46.6	70.0
138	69.8	54.6	81.8

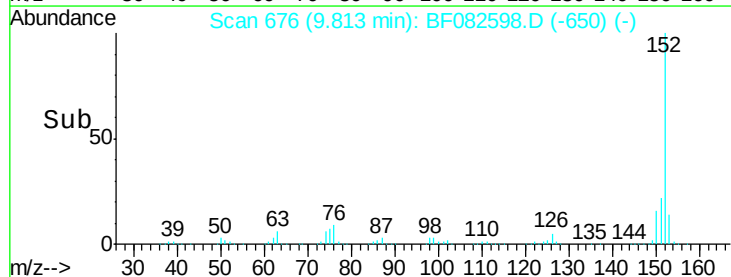
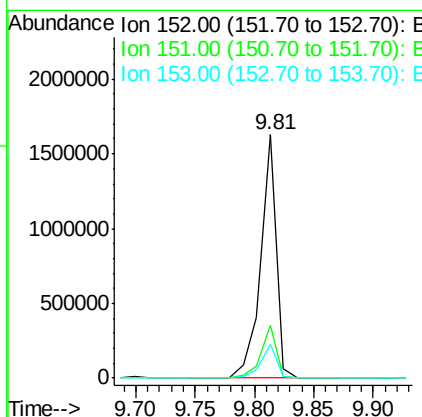
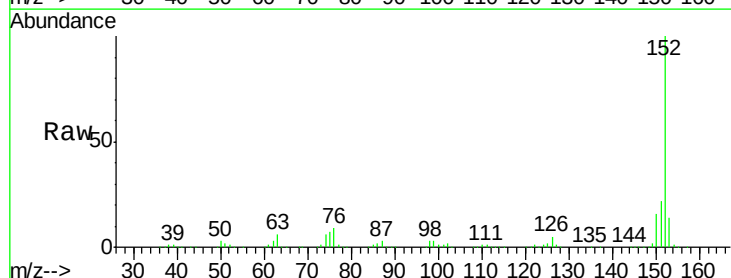
Manual Integrations
APPROVED

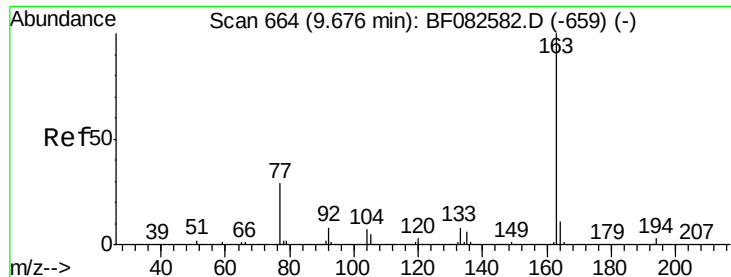
Mmdadoda
11/2/2015 4:32:14 PM



#48
Acenaphthylene
Concen: 37.15 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.3	25.9
153	14.0	11.3	16.9





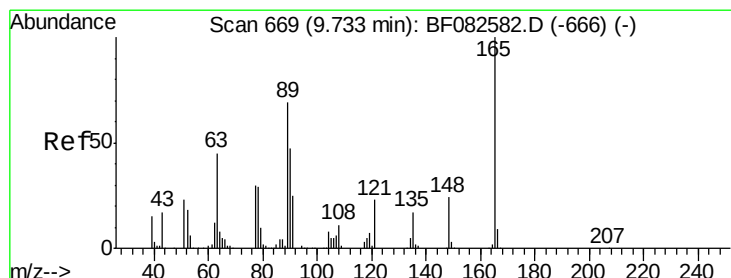
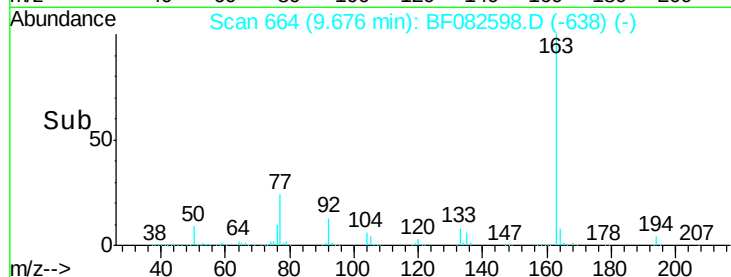
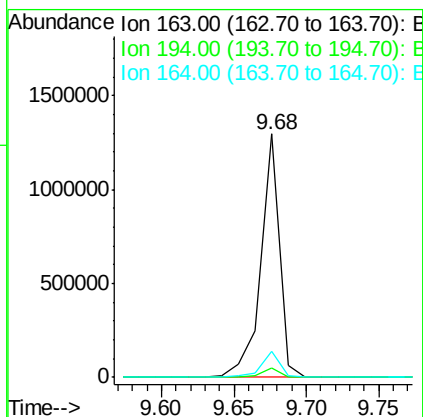
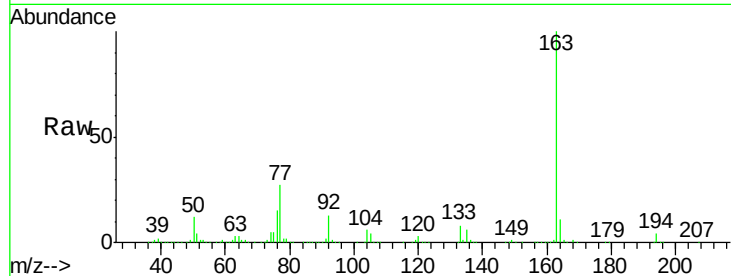
#49
Dimethylphthalate
Concen: 37.01 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Manual Integrations
APPROVED

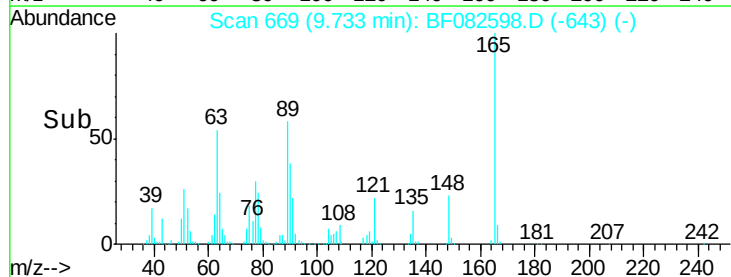
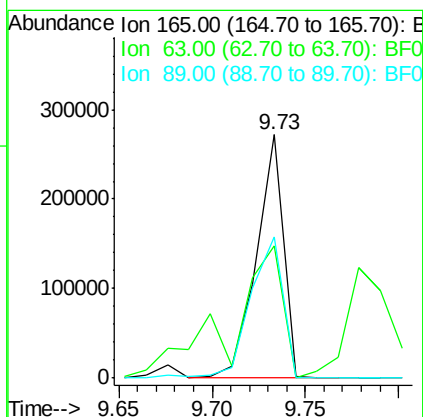
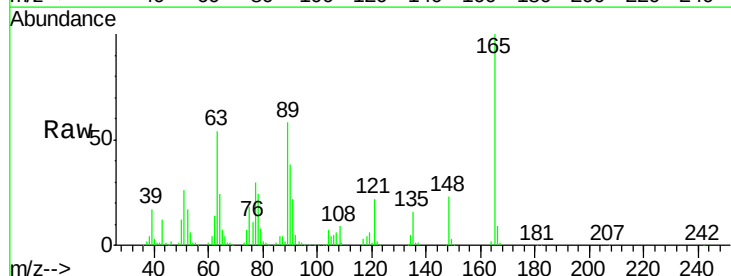
Mmdadoda
11/2/2015 4:32:14 PM

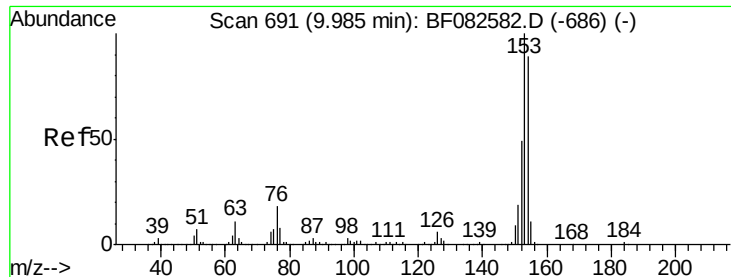
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.7	13.1



#50
2,6-Dinitrotoluene
Concen: 41.65 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.3	55.5	83.3#
89	58.0	55.0	82.6





#51

Acenaphthene

Concen: 41.23 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS

Tgt Ion:154 Resp: 1058272

Ion Ratio Lower Upper

154 100

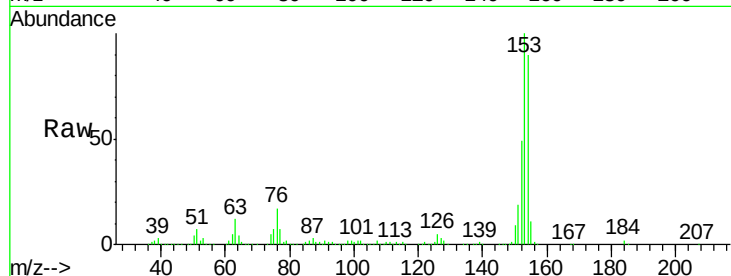
153 111.1 90.1 135.1

152 54.5 44.3 66.5

Manual Integrations
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Mmdadoda

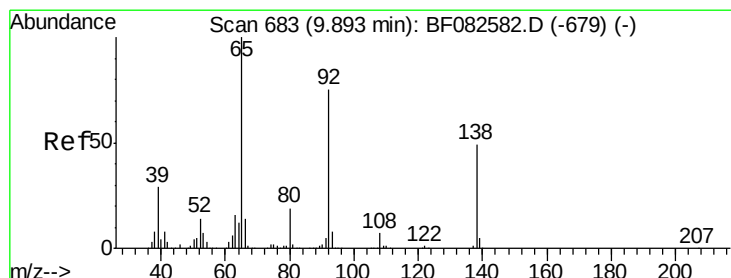
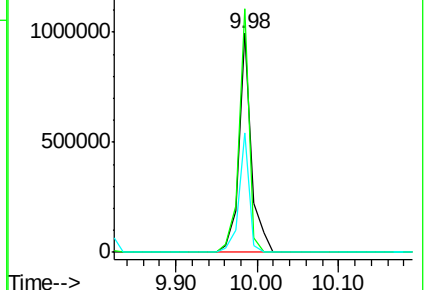
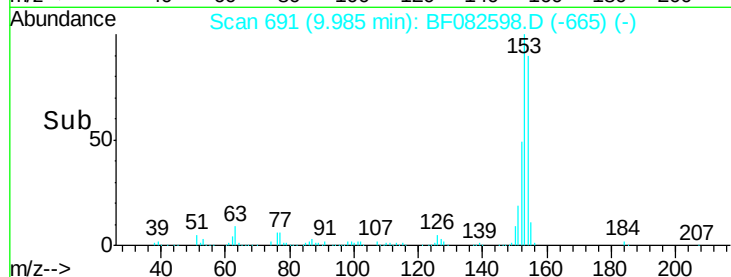
11/2/2015 4:32:14 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.88 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

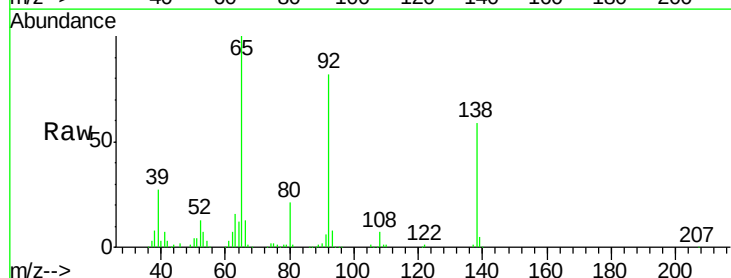
Tgt Ion:138 Resp: 136231

Ion Ratio Lower Upper

138 100

108 11.9 11.3 16.9

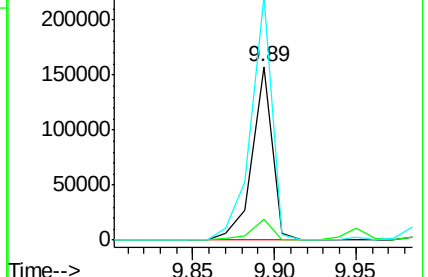
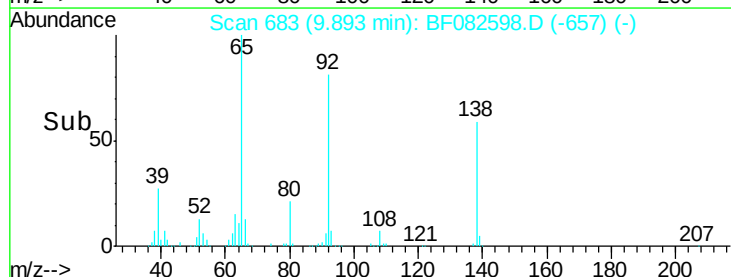
92 140.1 122.4 183.6

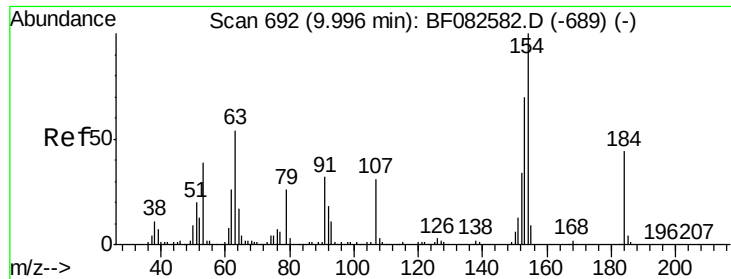


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

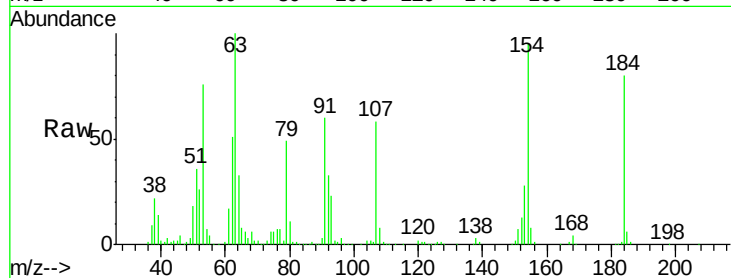
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 72.97 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

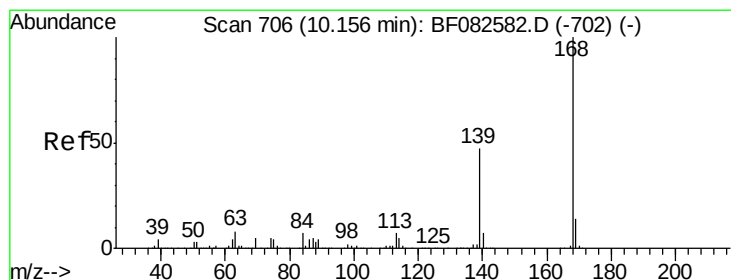
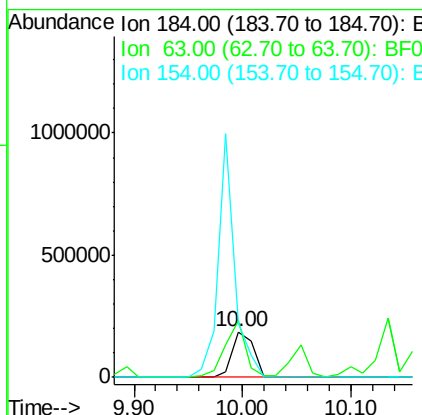
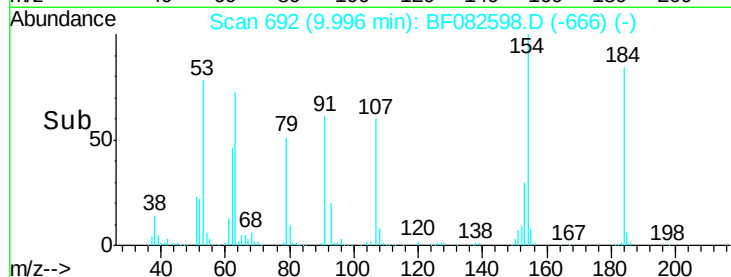
Instrument :
BNA_F
ClientSampleId :
PB86301BS



Tgt Ion:184 Resp: 249948
Ion Ratio Lower Upper
184 100
63 125.1 98.6 148.0
154 118.5 183.9 275.9#

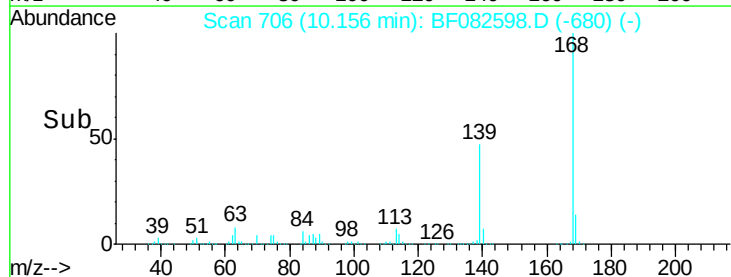
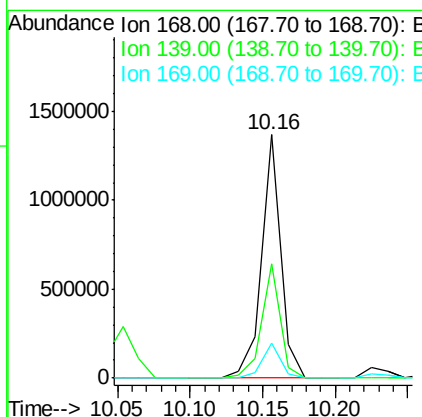
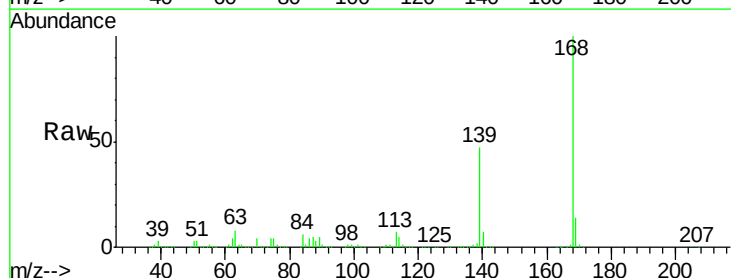
Manual Integrations
APPROVED

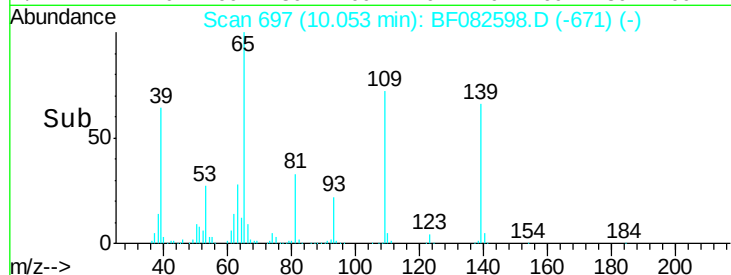
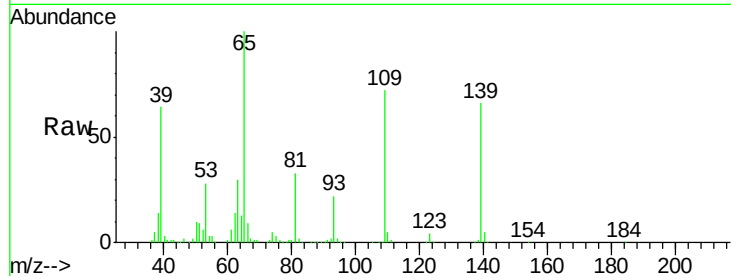
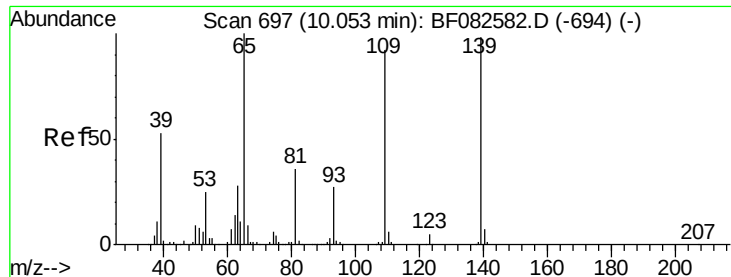
Mmdadoda
11/2/2015 4:32:14 PM



#54
Dibenzofuran
Concen: 36.07 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:168 Resp: 1256154
Ion Ratio Lower Upper
168 100
139 47.0 37.8 56.6
169 14.1 11.3 16.9





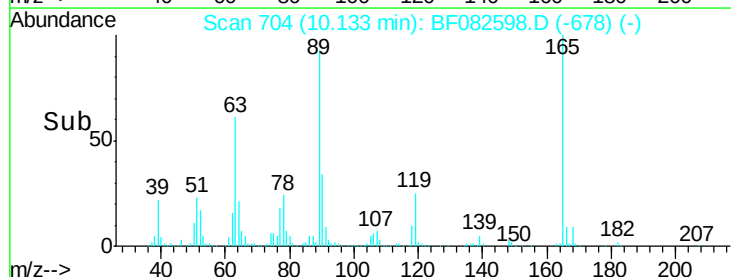
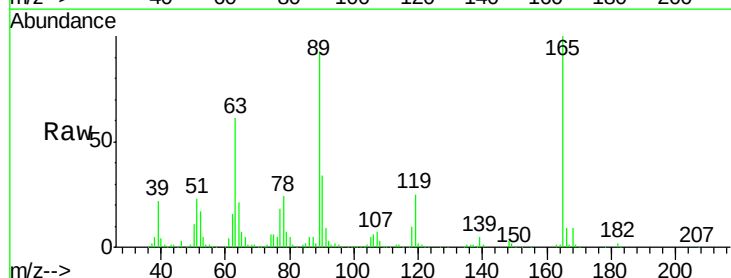
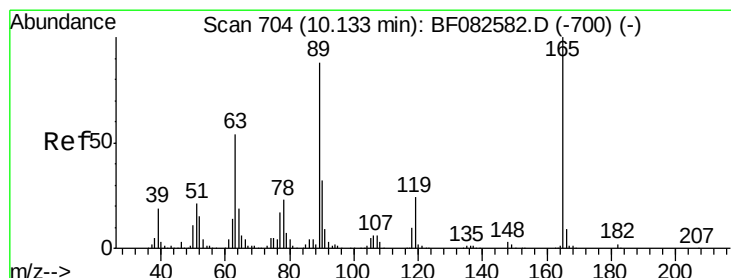
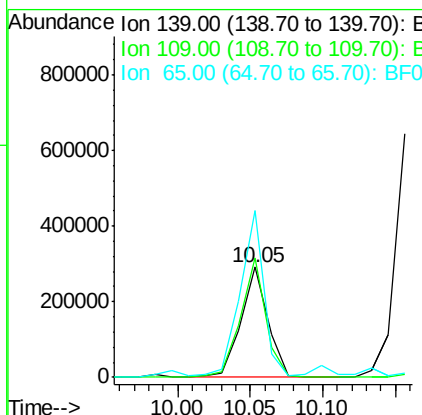
#55
4-Nitrophenol
Concen: 68.86 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	108.9	73.7	113.7
65	151.8	82.9	122.9

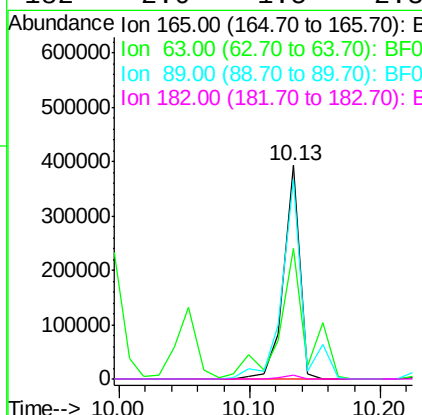
Manual Integrations
APPROVED

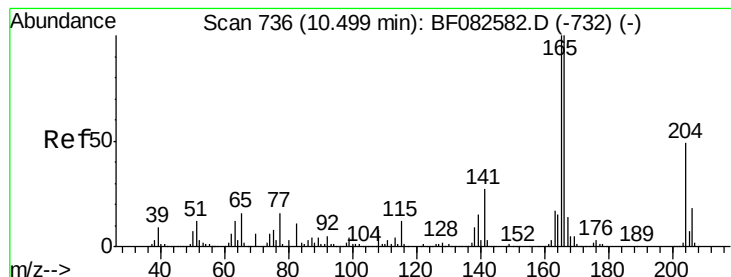
Mmdadoda
11/2/2015 4:32:14 PM



#56
2,4-Dinitrotoluene
Concen: 39.17 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.3	43.4	65.0
89	93.2	70.6	106.0
182	2.0	1.5	2.3





#57

Fluorene

Concen: 36.40 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

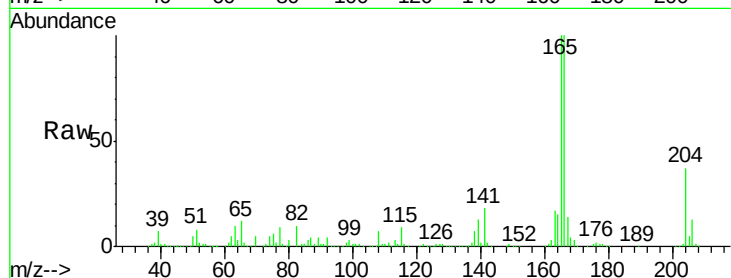
ClientSampleId :

PB86301BS

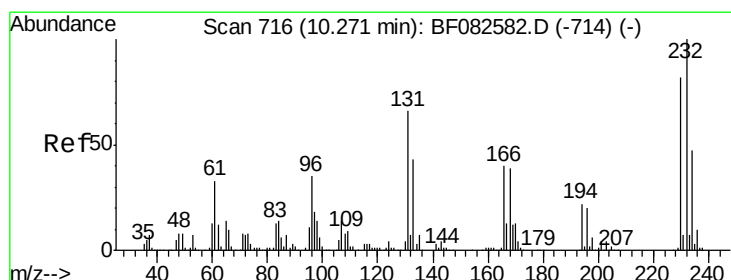
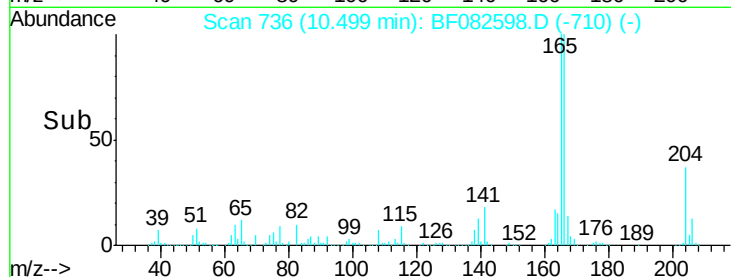
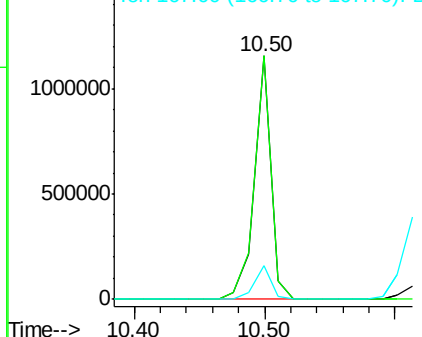
Manual Integrations
APPROVED

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11/2/2015 4:32:14 PM

Tgt Ion:	166	Resp:	1022430
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.2	120.4
167	13.8	11.2	16.8



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: 36.75 ng

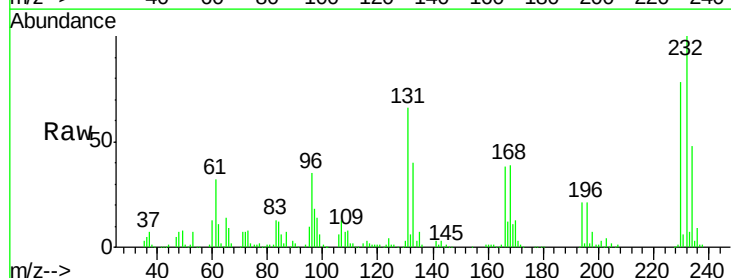
RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

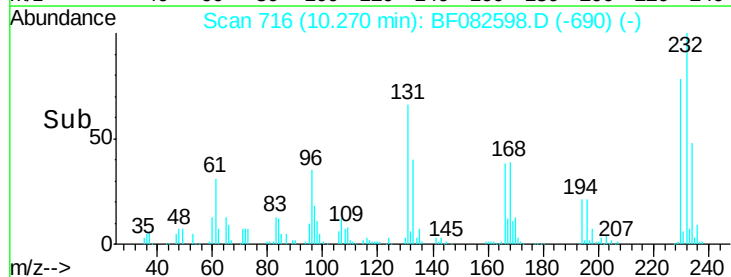
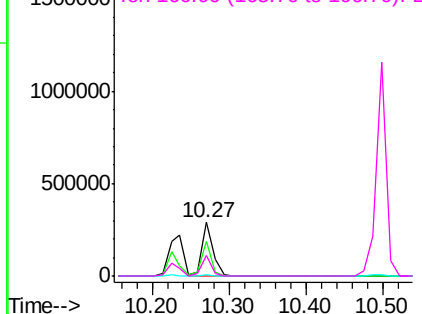
Lab File: BF082598.D

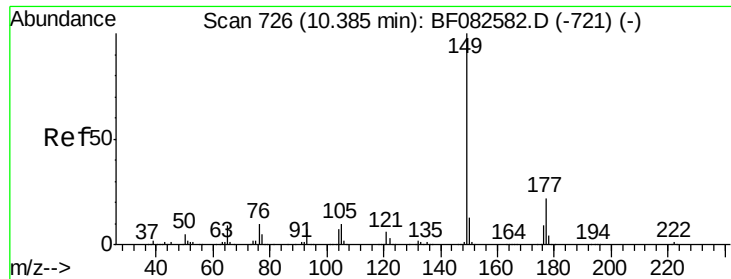
Acq: 31 Oct 2015 3:57

Tgt Ion:	232	Resp:	285775
Ion Ratio	Lower	Upper	
232	100		
131	56.4	46.2	69.2
130	2.9	2.4	3.6
166	33.6	28.2	42.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





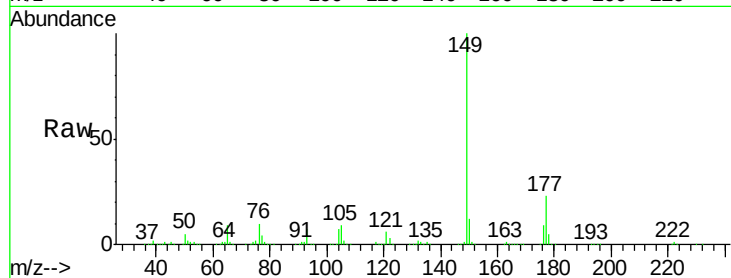
#59
Diethylphthalate
Concen: 38.41 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

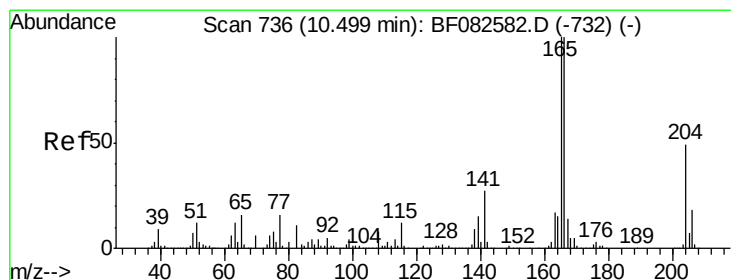
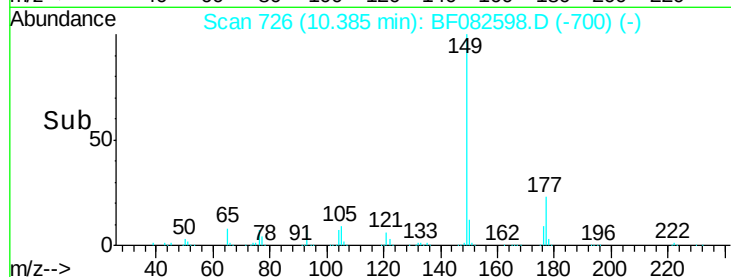
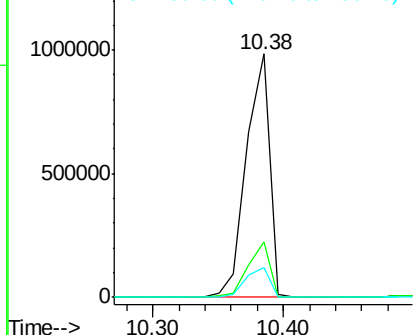
Tgt Ion:149 Resp: 1223708
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.5 10.1 15.1

Manual Integrations
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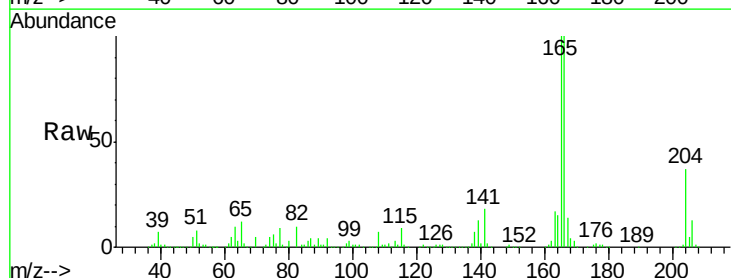


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

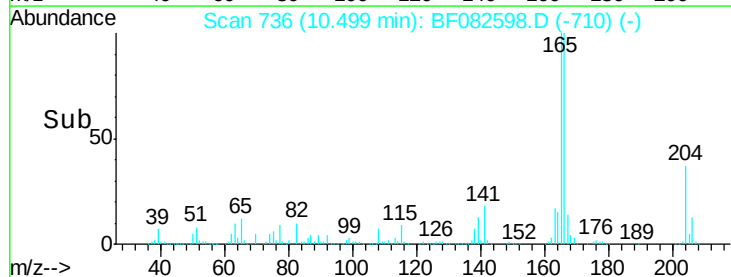
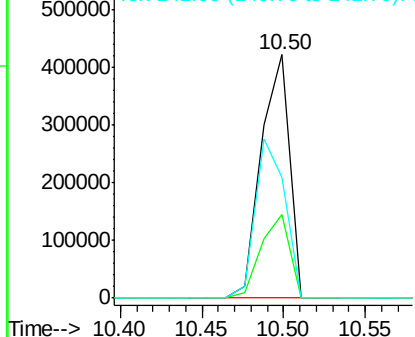


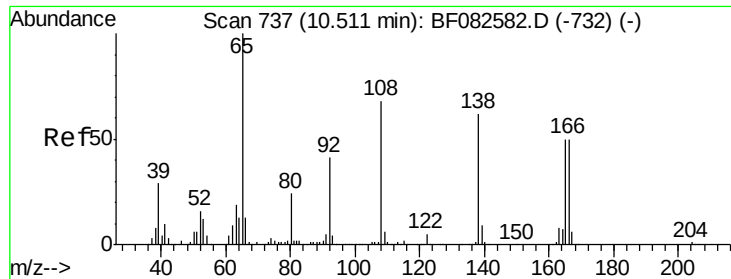
#60
4-Chlorophenyl-phenylether
Concen: 37.40 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:204 Resp: 510640
Ion Ratio Lower Upper
204 100
206 34.5 28.5 42.7
141 49.5 44.6 66.8



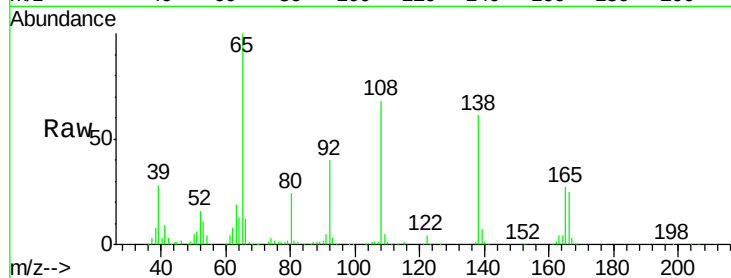
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 32.57 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

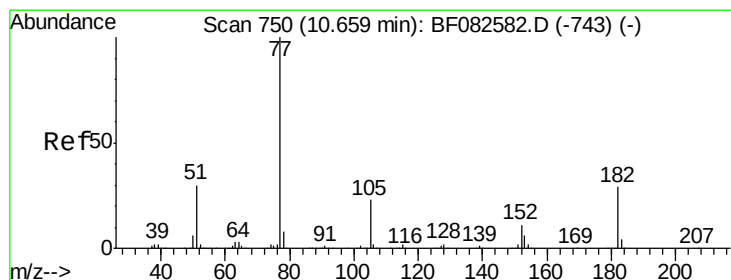
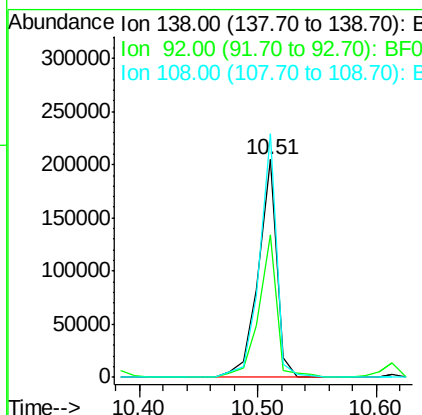
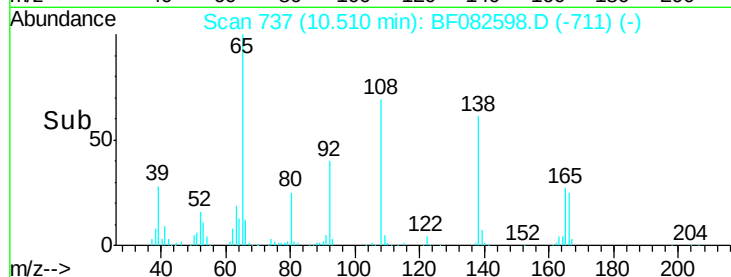
Instrument :
BNA_F
ClientSampleId :
PB86301BS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	224312		
92	65.3	45.8	85.8	
108	112.0	89.4	129.4	

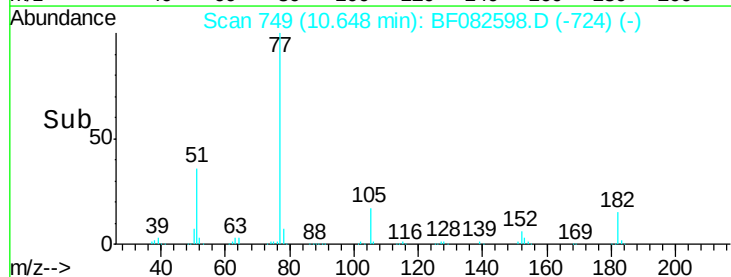
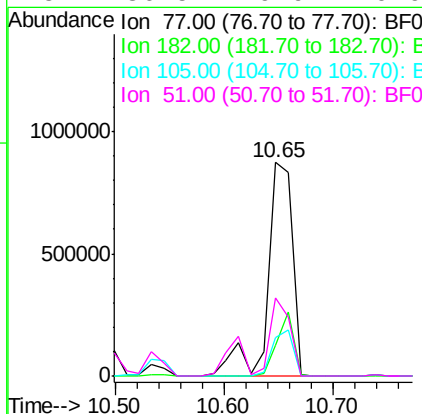
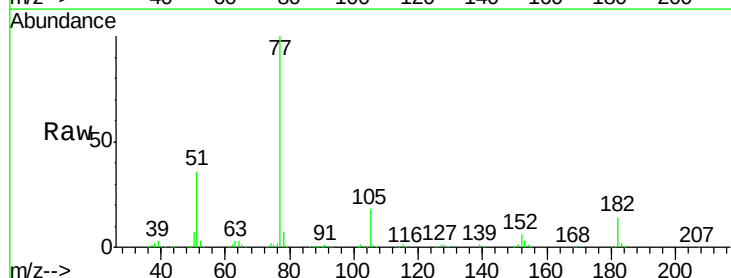
Manual Integrations
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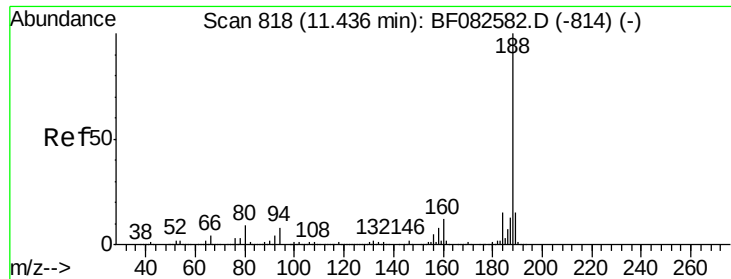
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#62
Azobenzene
Concen: 38.72 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1391208		
182	14.4	9.3	49.3	
105	18.1	2.6	42.6	
51	36.5	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082598.D

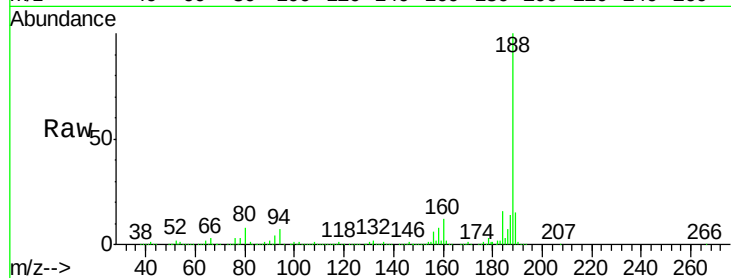
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS



Tgt Ion:188 Resp: 710281

Ion Ratio Lower Upper

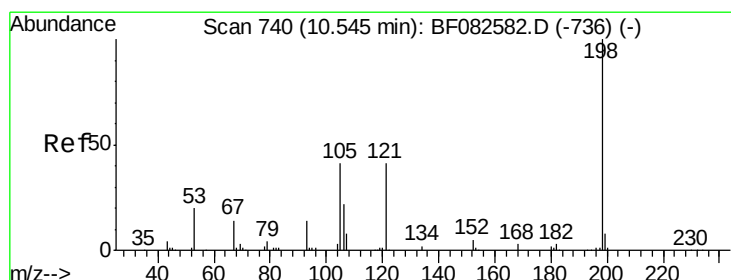
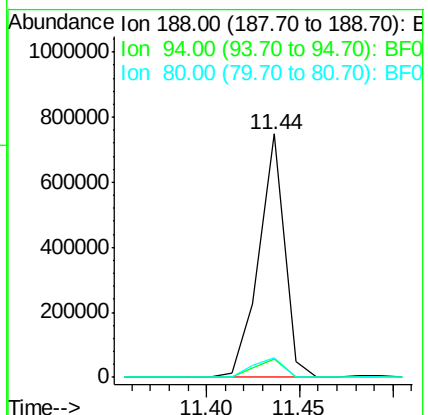
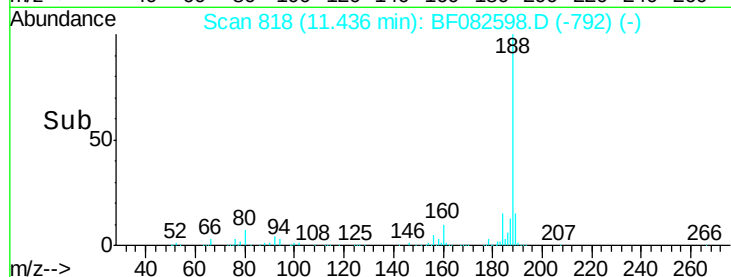
188 100

94 7.3 6.1 9.1

80 8.1 7.0 10.6

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 43.59 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

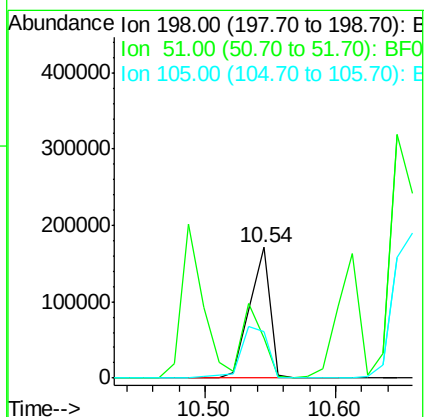
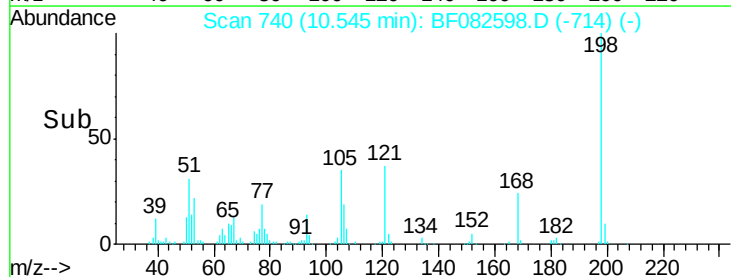
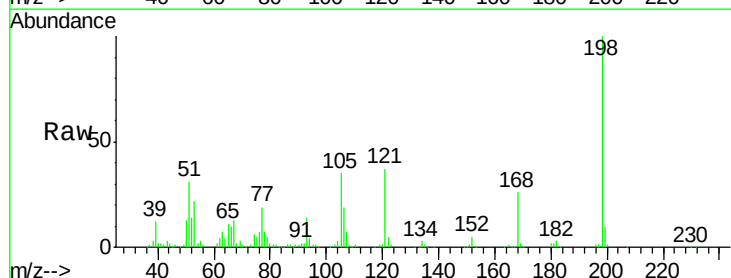
Tgt Ion:198 Resp: 186739

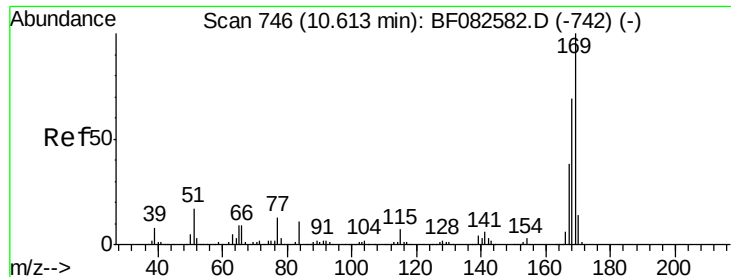
Ion Ratio Lower Upper

198 100

51 30.6 17.3 57.3

105 35.3 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 38.67 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082598.D

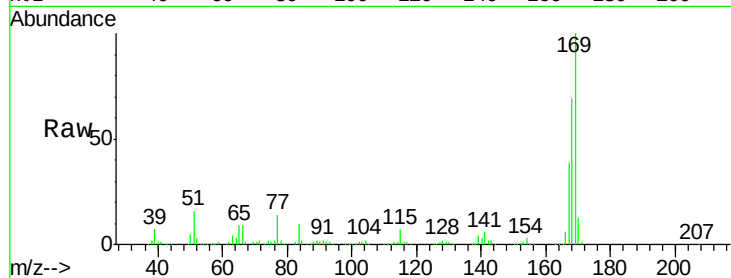
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:169 Resp: 944200

Ion Ratio Lower Upper

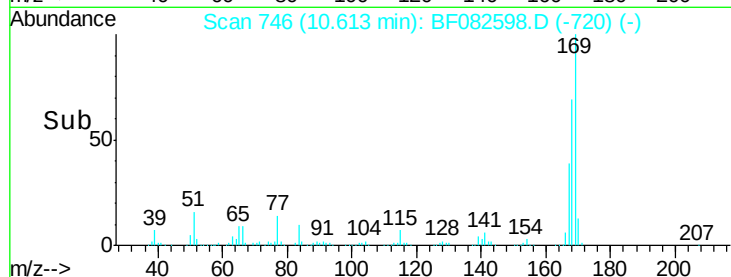
169 100

168 69.0 55.0 82.6

167 38.9 30.5 45.7

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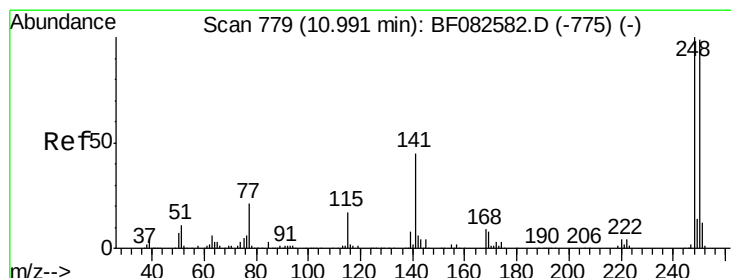
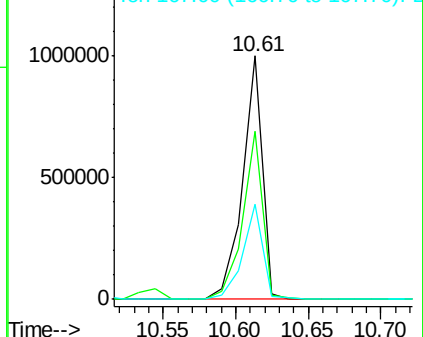
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.66 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

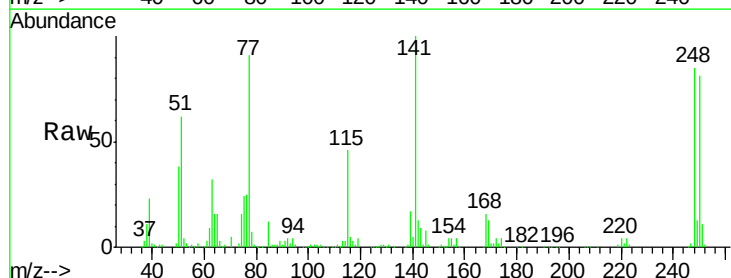
Tgt Ion:248 Resp: 295085

Ion Ratio Lower Upper

248 100

250 96.0 79.4 119.2

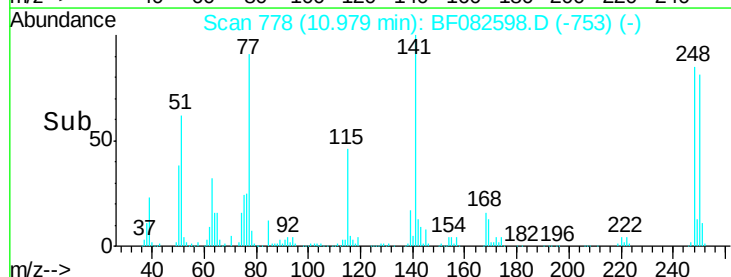
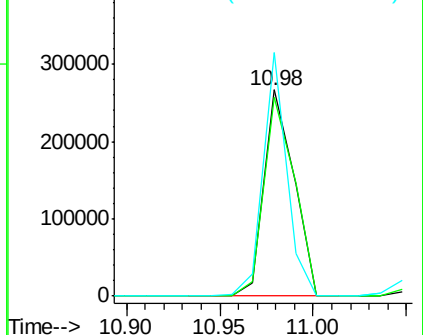
141 118.0 36.3 54.5#

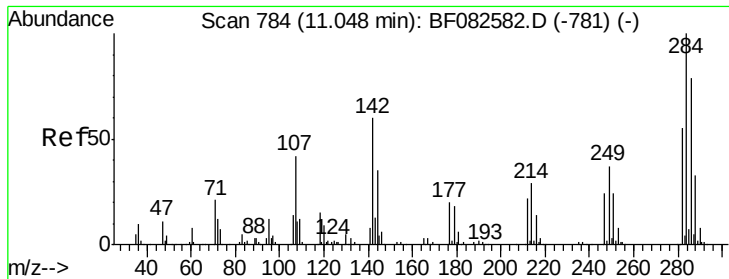


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.89 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF082598.D

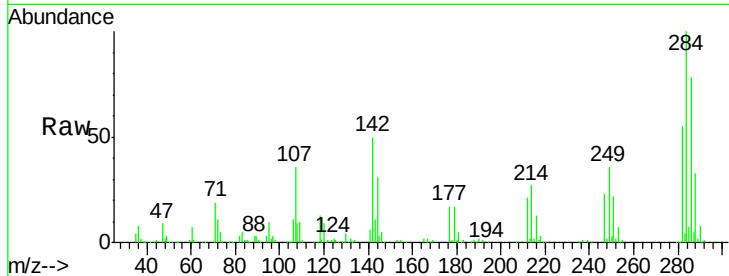
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

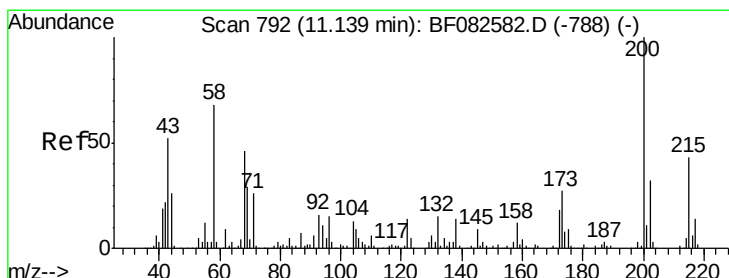
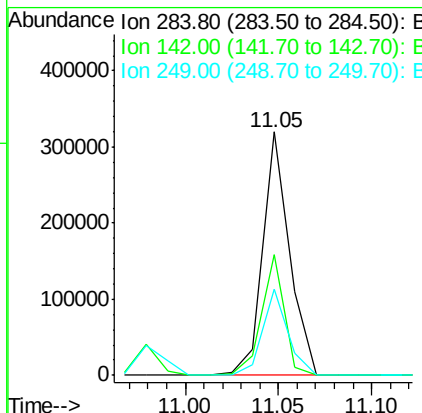
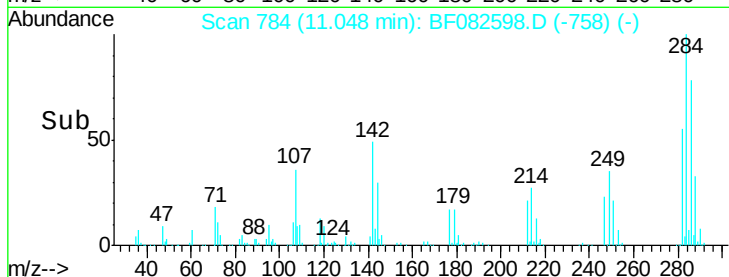
PB86301BS



Tgt Ion:	284	Resp:	320327
Ion Ratio	Lower	Upper	
284	100		
142	49.6	47.9	71.9
249	35.6	29.7	44.5

Manual Integrations
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#68

Atrazine

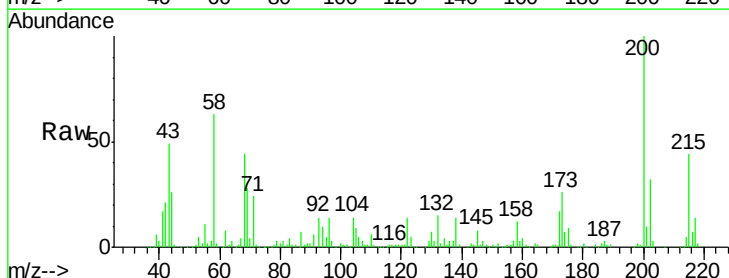
Concen: 37.19 ng

RT: 11.14 min Scan# 792

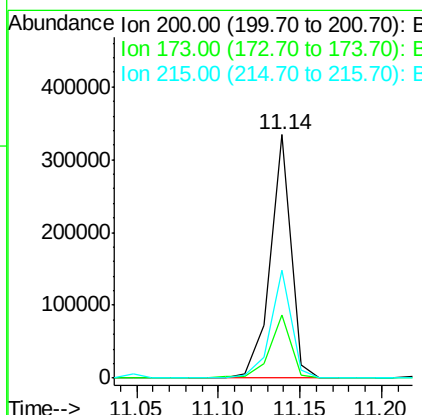
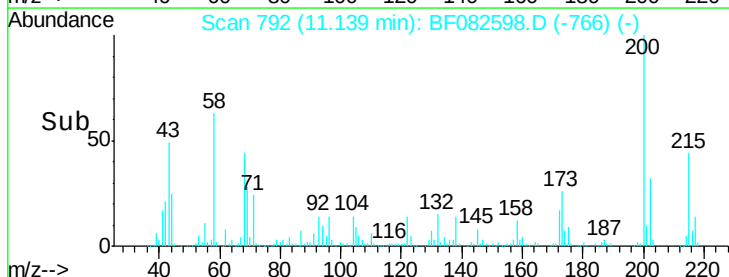
Delta R.T. -0.00 min

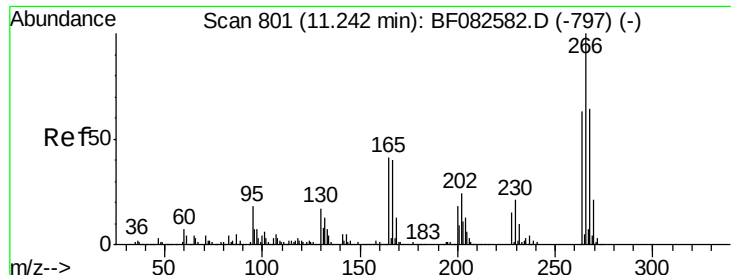
Lab File: BF082598.D

Acq: 31 Oct 2015 3:57



Tgt Ion:	200	Resp:	297130
Ion Ratio	Lower	Upper	
200	100		
173	26.0	6.9	46.9
215	44.1	22.9	62.9





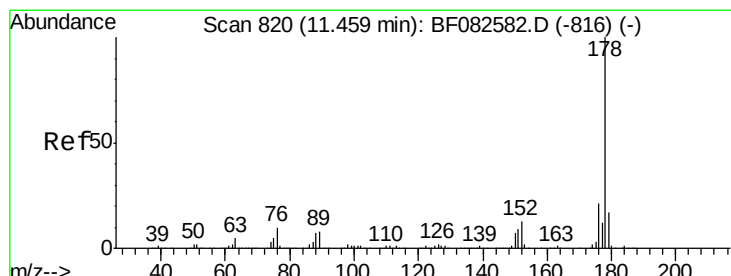
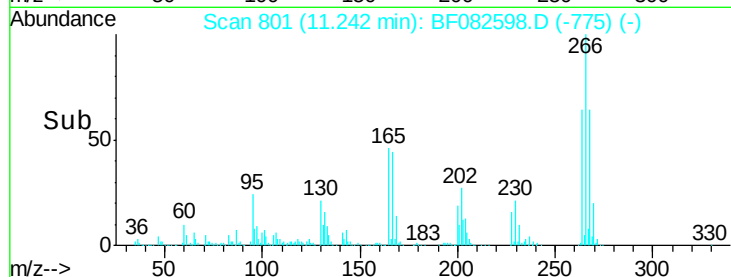
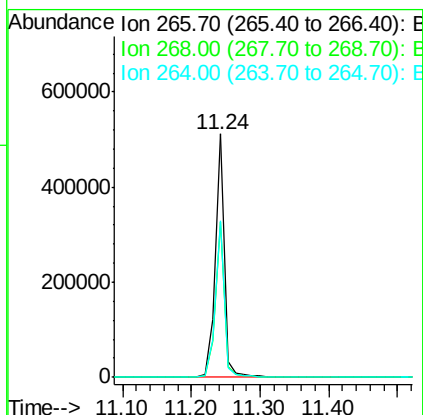
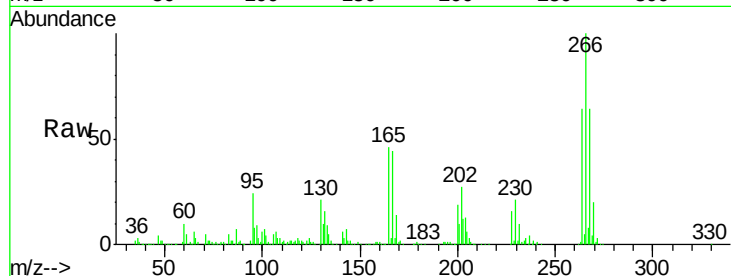
#69
 Pentachlorophenol
 Concen: 81.42 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	479155		
268	64.0	51.0	76.6	
264	64.2	50.6	75.8	

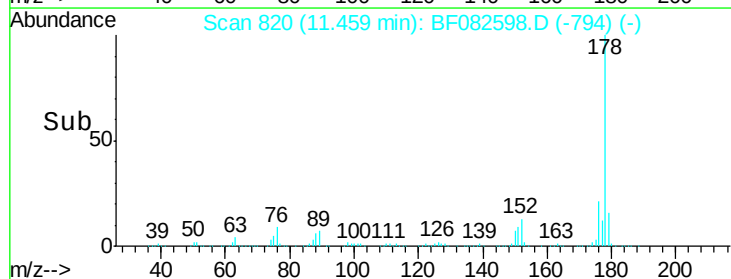
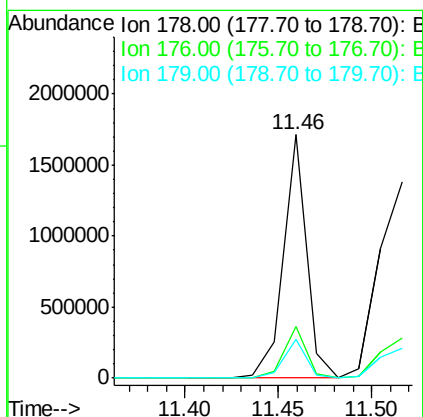
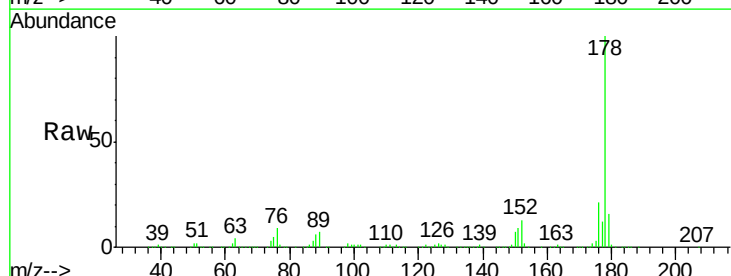
Manual Integrations
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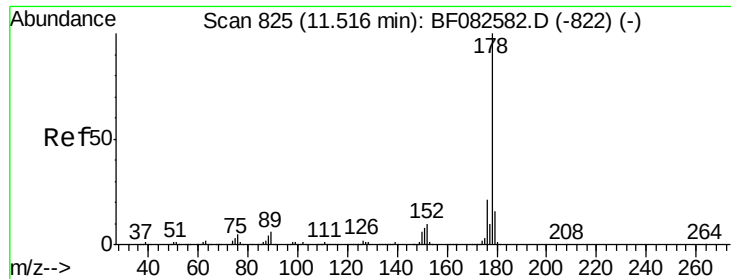
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#70
 Phenanthrene
 Concen: 37.22 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

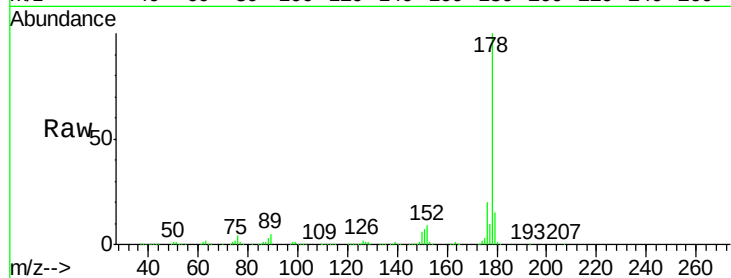
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1490945		
176	21.2	17.0	25.4	
179	16.0	13.4	20.0	





#71
 Anthracene
 Concen: 40.40 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

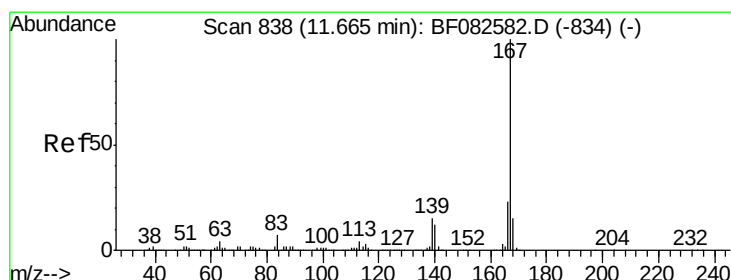
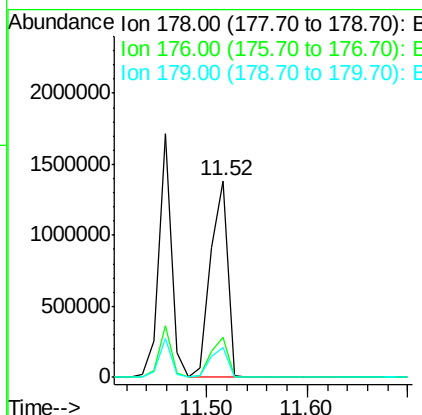
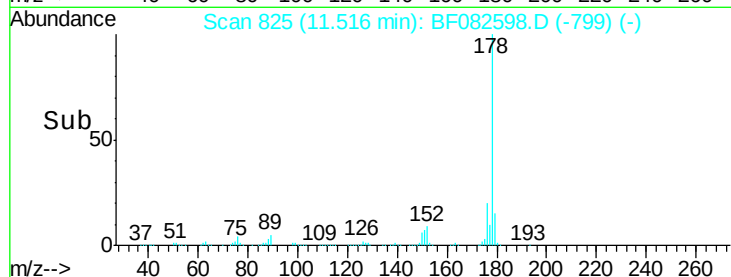
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS



Tgt Ion:178 Resp: 1629643
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 15.5 13.2 19.8

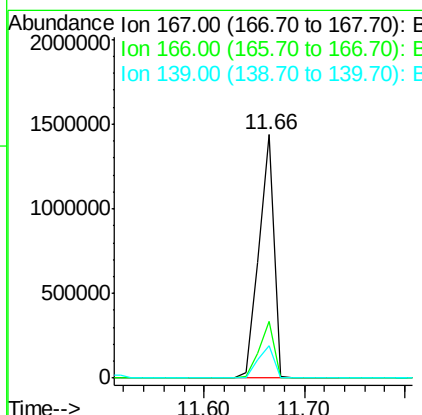
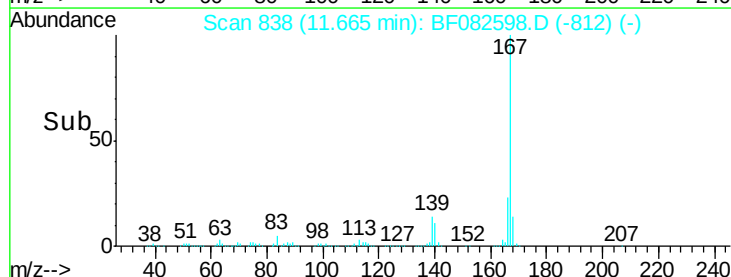
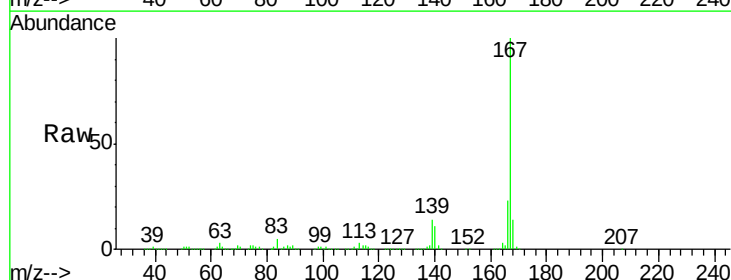
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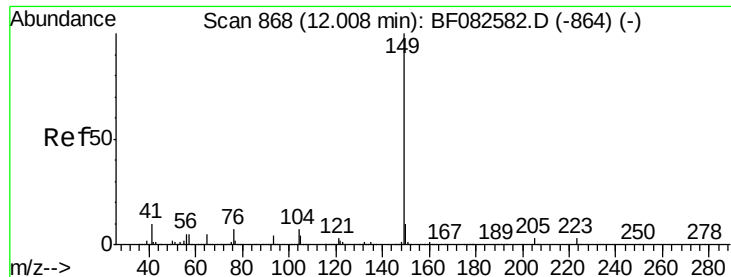
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#72
 Carbazole
 Concen: 42.31 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion:167 Resp: 1486505
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.7 28.1
 139 13.5 11.8 17.6





#73

Di-n-butylphthalate

Concen: 42.50 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

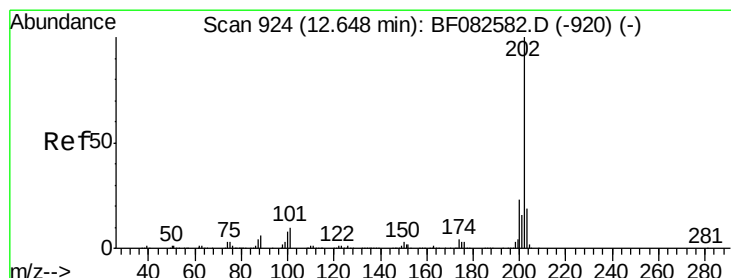
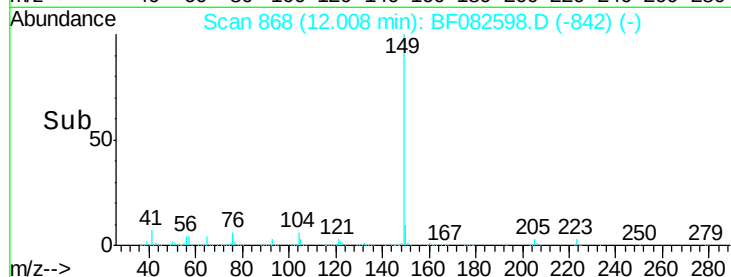
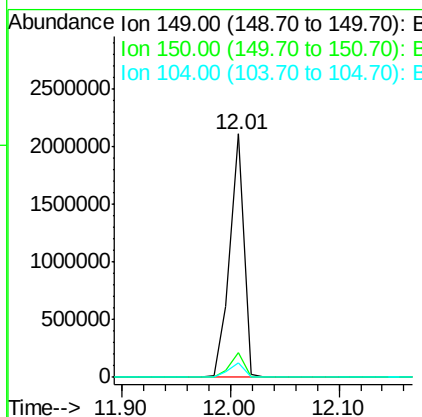
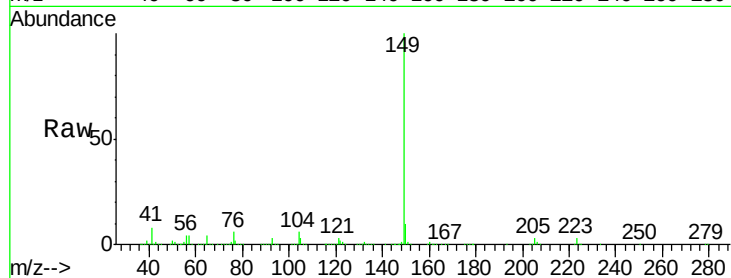
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Tgt Ion:	149	Resp:	1900952
Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.8	5.2	7.8



#74

Fluoranthene

Concen: 39.37 ng

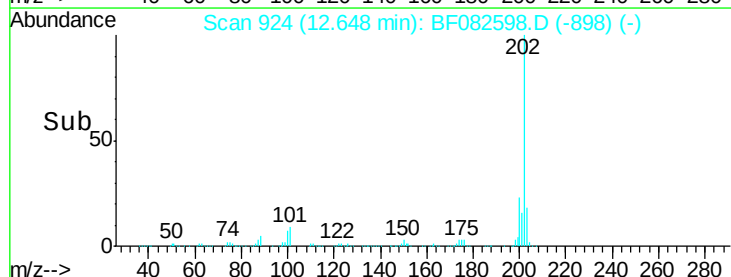
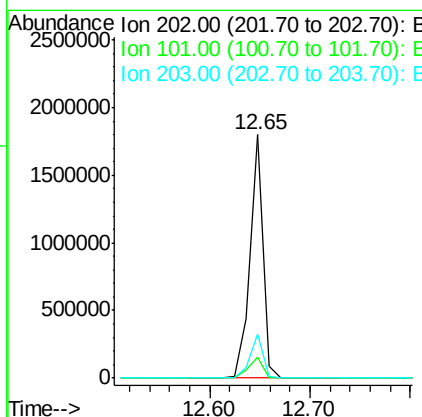
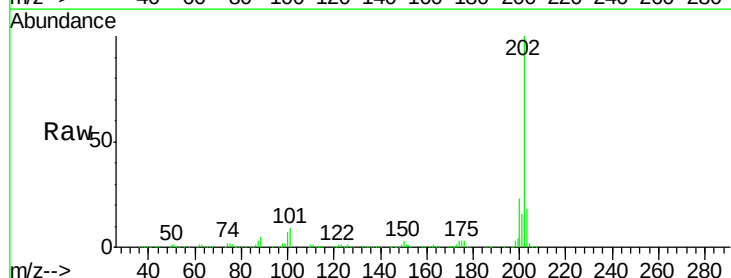
RT: 12.65 min Scan# 924

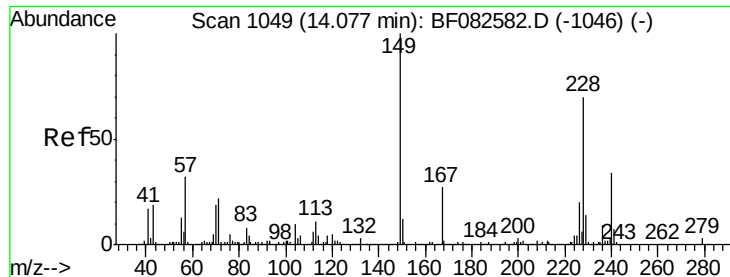
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion:	202	Resp:	1612227
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.5
203	18.1	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

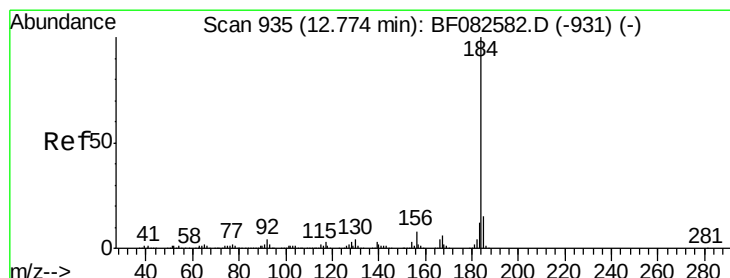
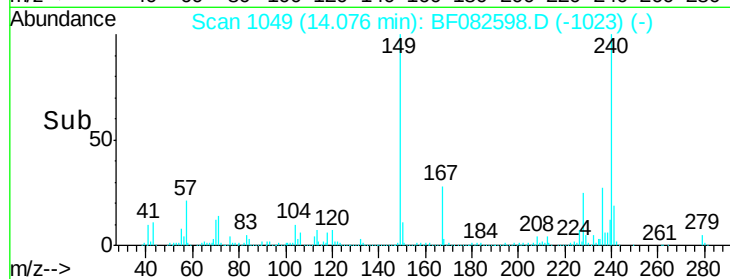
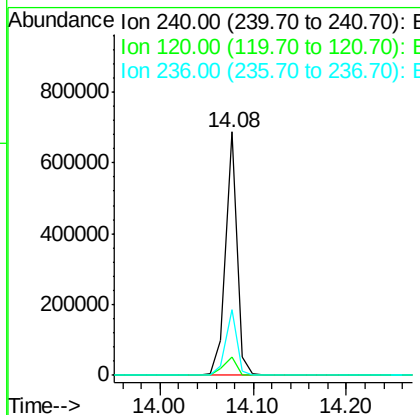
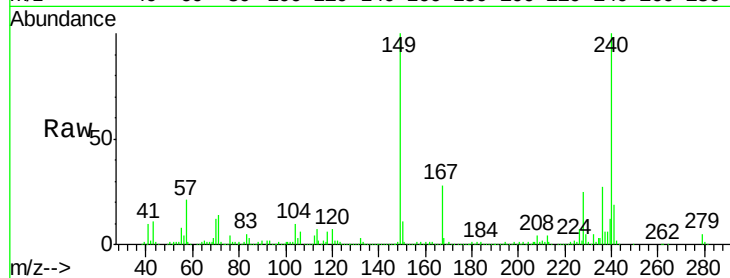
ClientSampleId :

PB86301BS

Tgt Ion:	240	Resp:	582276
Ion Ratio	Lower	Upper	
240	100		
120	7.5	10.9	16.3#
236	27.1	21.6	32.4

Manual Integrations
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#76

Benzidine

Concen: 19.34 ng

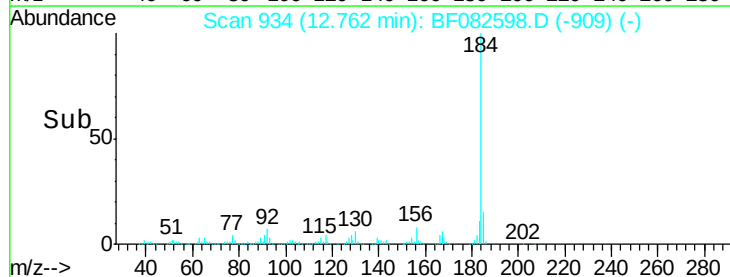
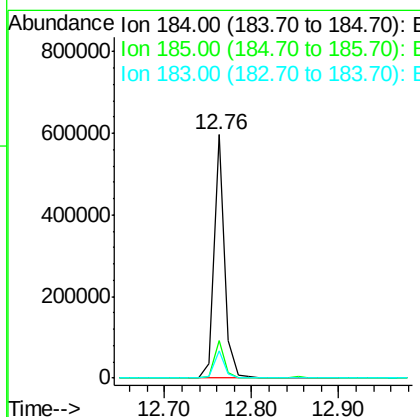
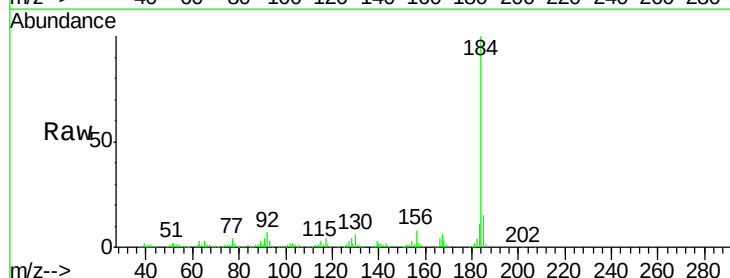
RT: 12.76 min Scan# 934

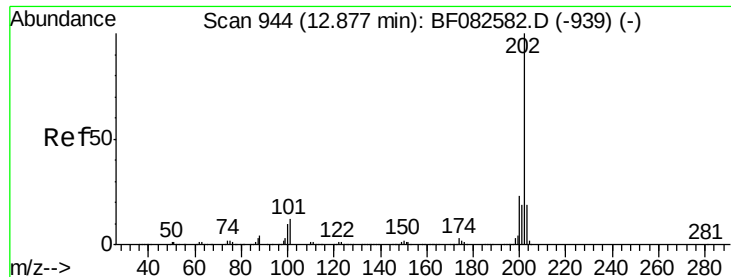
Delta R.T. -0.01 min

Lab File: BF082598.D

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Tgt Ion:	184	Resp:	507849
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.0	18.0
183	11.4	9.6	14.4





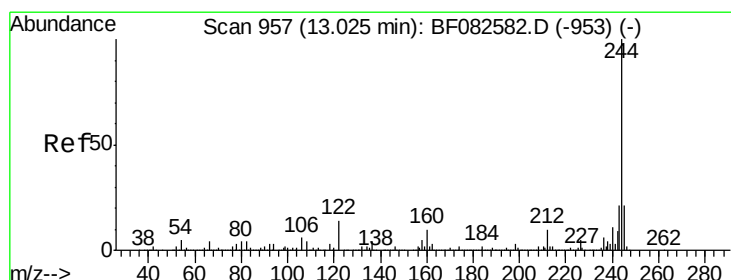
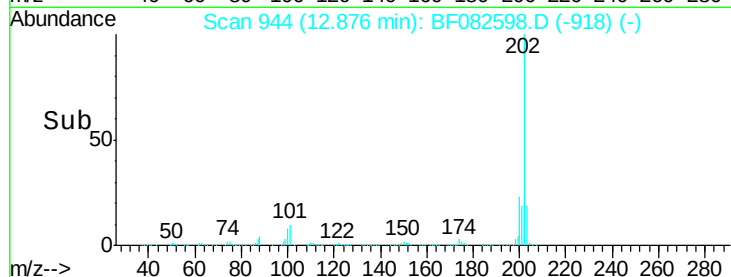
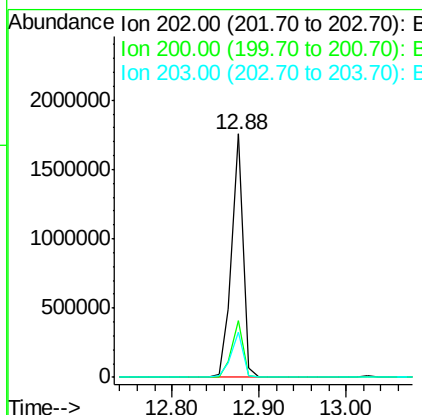
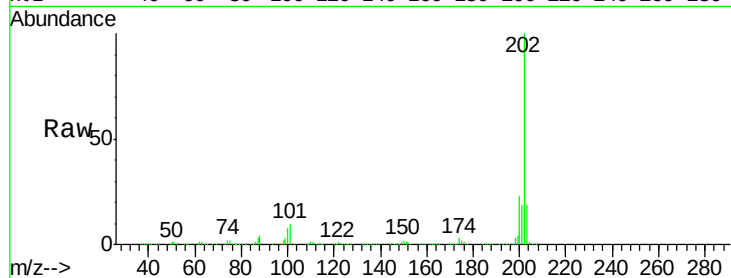
#77
Pyrene
Concen: 37.36 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion:202 Resp: 1610941
Ion Ratio Lower Upper
202 100
200 23.4 18.7 28.1
203 18.7 14.8 22.2

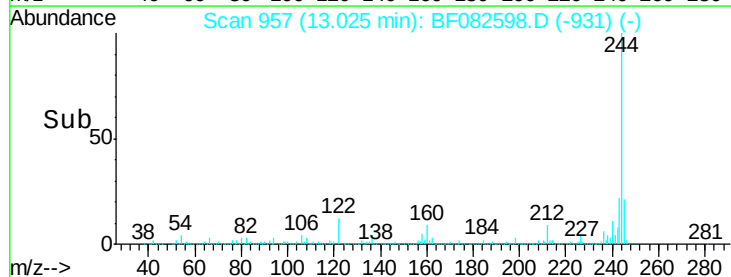
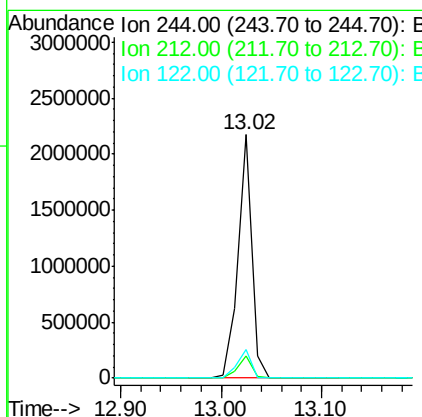
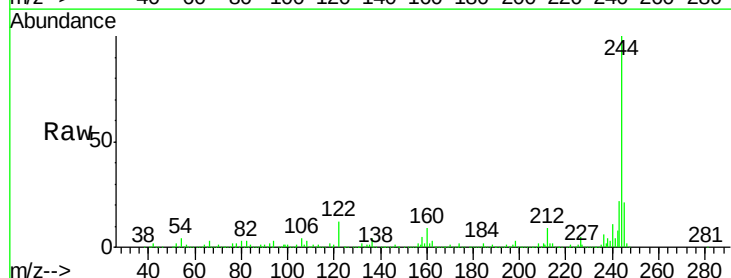
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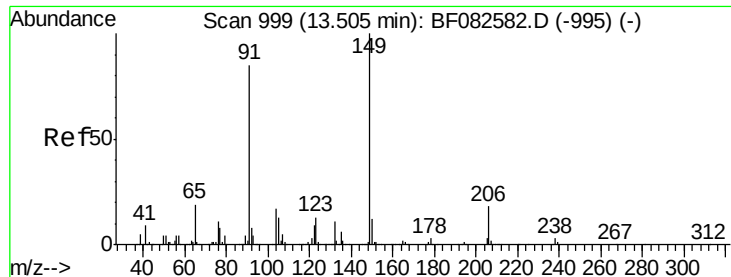
Mmdadoda
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#78
Terphenyl-d14
Concen: 77.98 ng
RT: 13.02 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion:244 Resp: 2074779
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 11.7 11.3 16.9





#79

Butylbenzylphthalate

Concen: 41.51 ng

RT: 13.51 min Scan# 999

Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

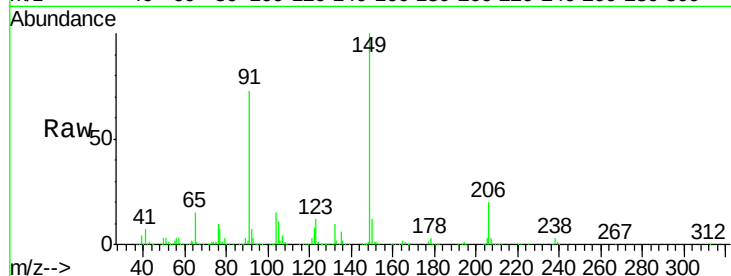
ClientSampleId :

PB86301BS

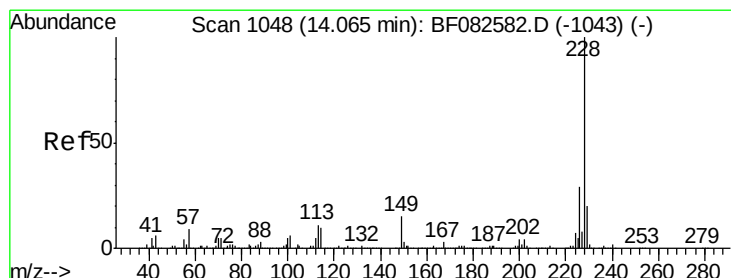
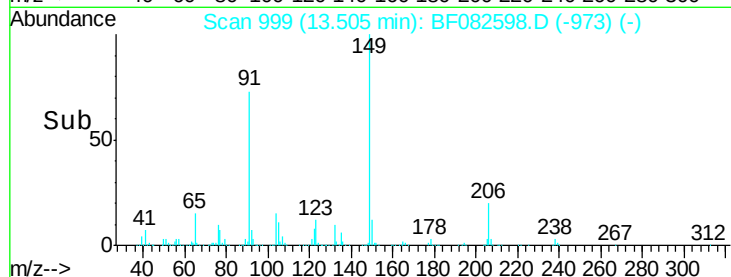
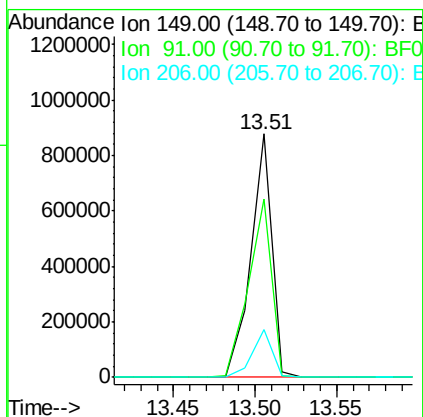
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Tgt Ion:	149	Resp:	783837
Ion Ratio	Lower	Upper	
149	100		
91	73.4	67.7	101.5
206	19.6	14.6	22.0



#80

Benzo(a)anthracene

Concen: 37.07 ng

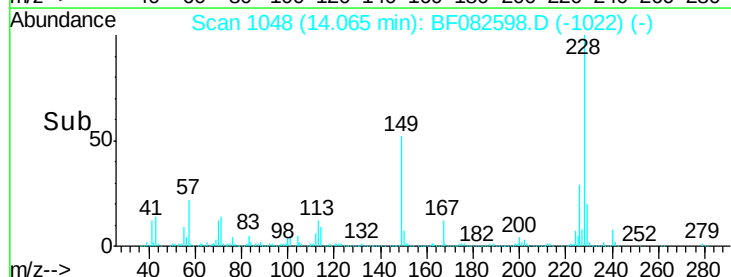
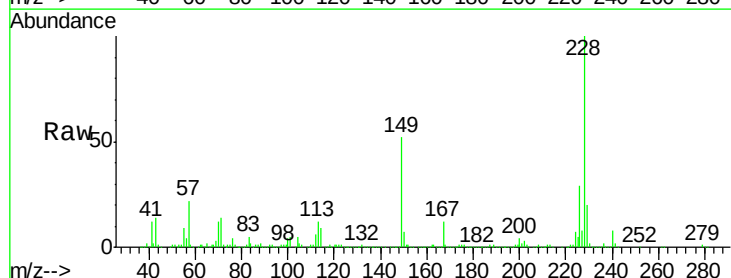
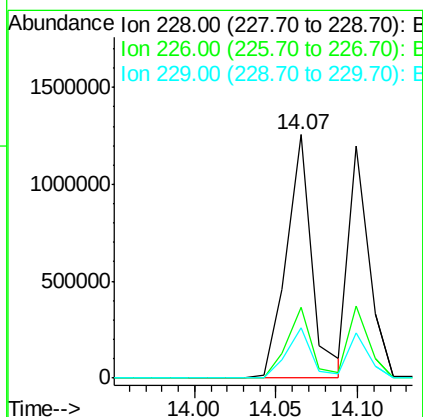
RT: 14.07 min Scan# 1048

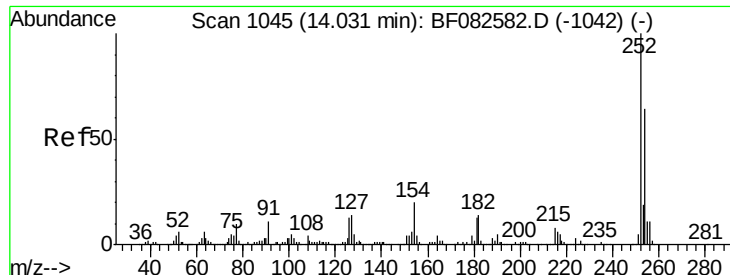
Delta R.T. -0.00 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

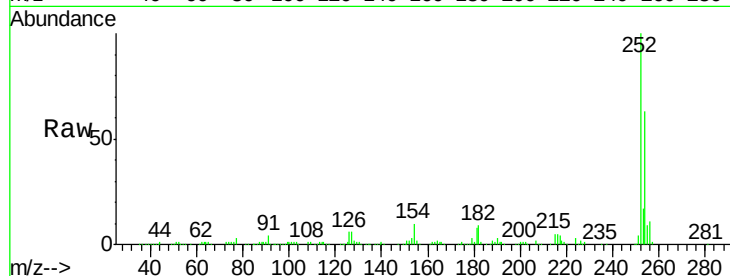
Tgt Ion:	228	Resp:	1370964
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.4	35.2
229	20.5	16.3	24.5





#81
 3,3'-Dichlorobenzidine
 Concen: 19.40 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

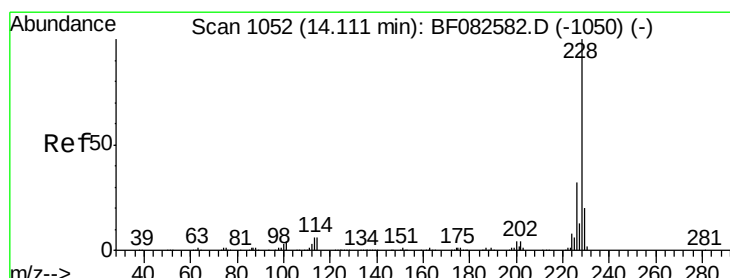
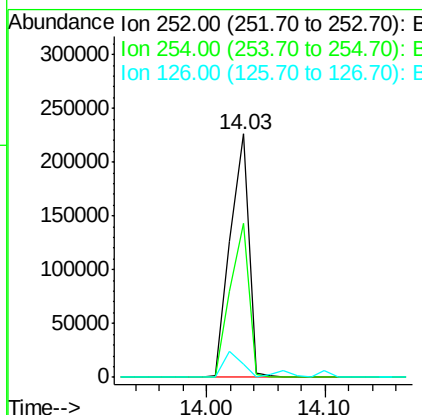
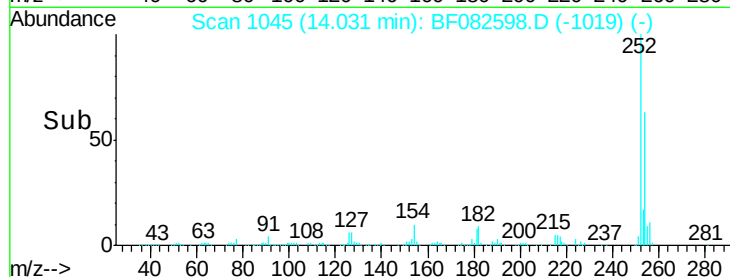
Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS



Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.4	77.0
126	5.6	10.7	16.1

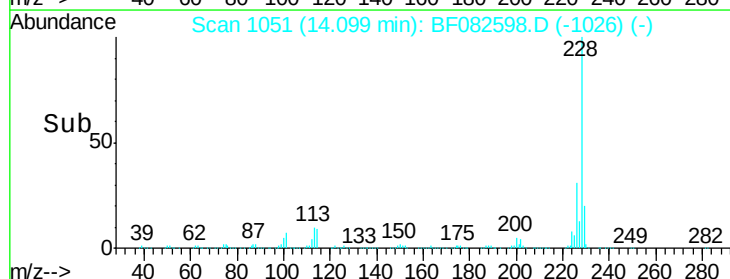
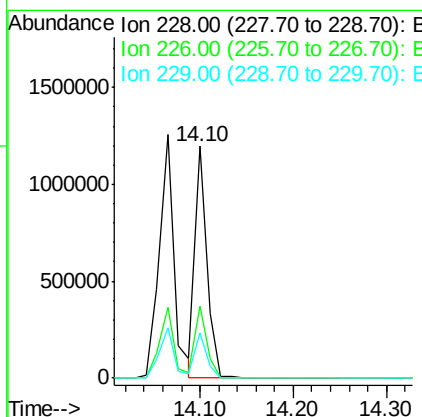
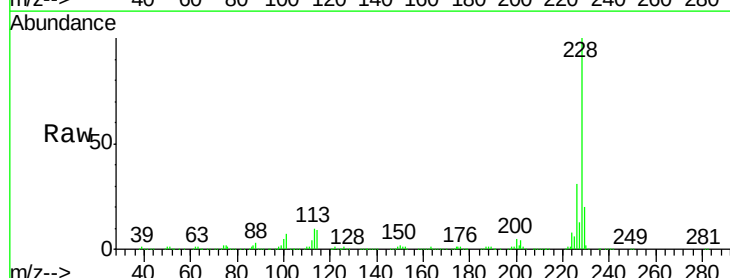
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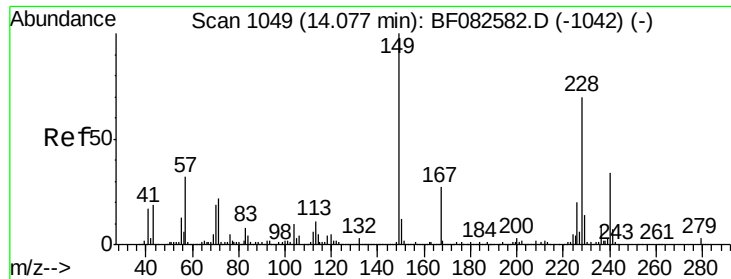
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#82
 Chrysene
 Concen: 31.74 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	19.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.63 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082598.D

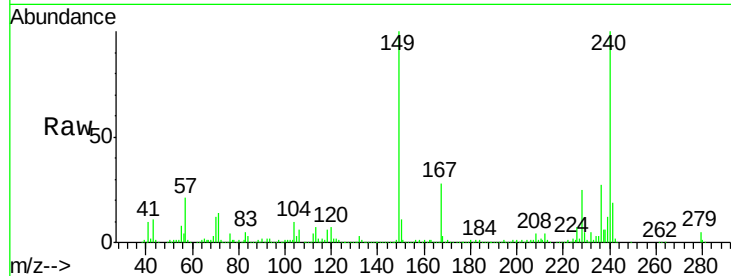
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

PB86301BS



Tgt Ion:149 Resp: 945617

Ion Ratio Lower Upper

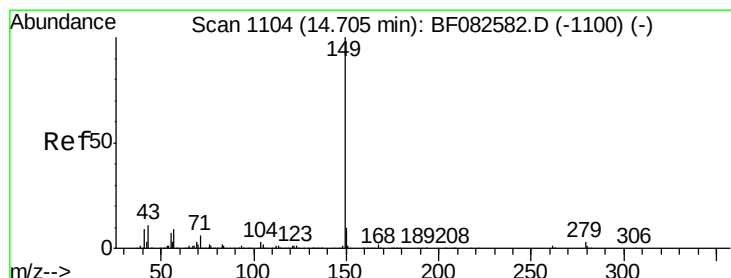
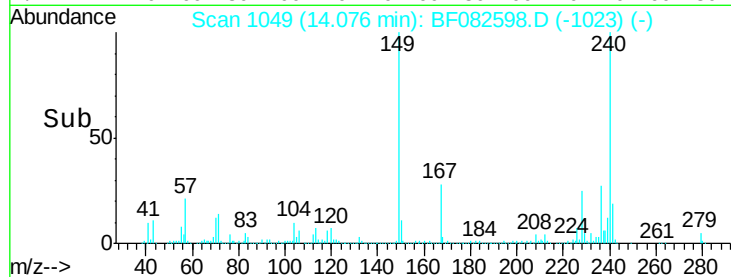
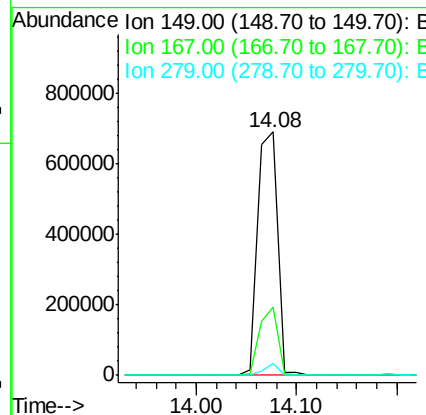
149 100

167 28.2 21.2 31.8

279 5.0 2.2 3.2#

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#84

Di-n-octyl phthalate

Concen: 37.57 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

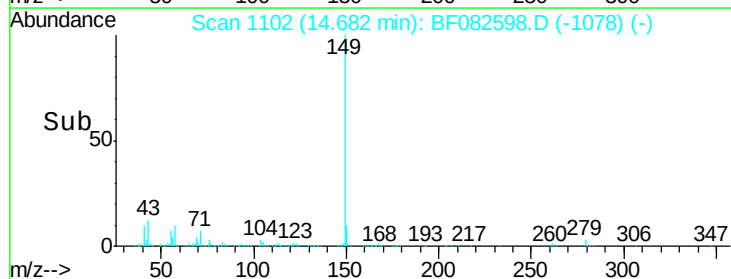
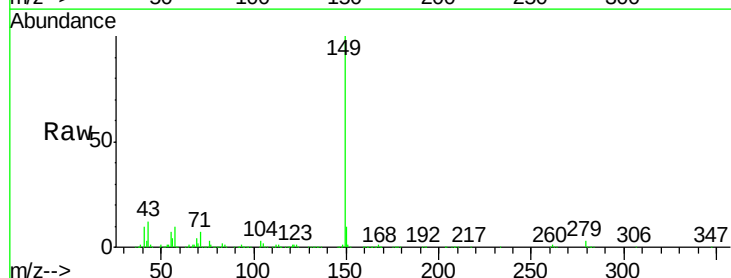
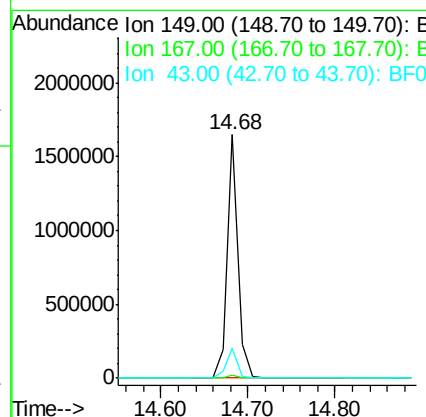
Tgt Ion:149 Resp: 1434849

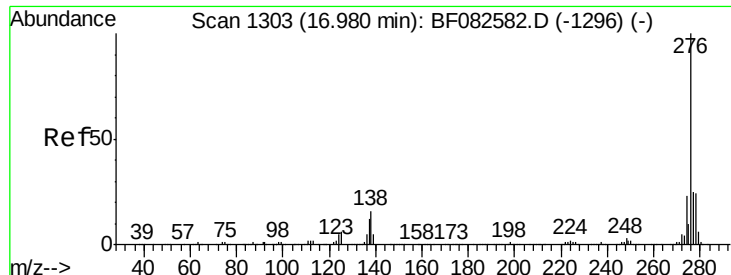
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.8 10.1 15.1





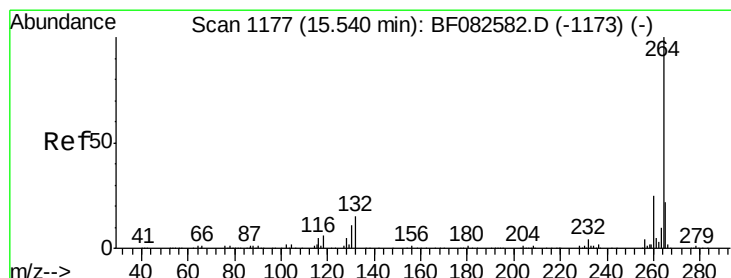
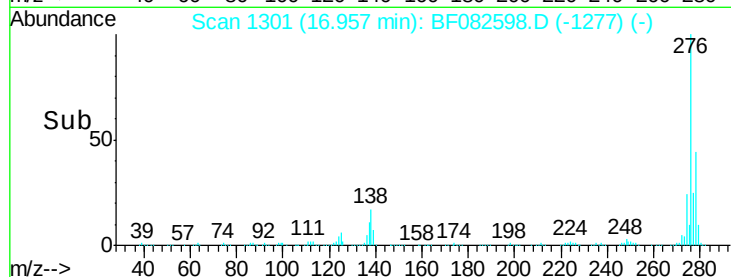
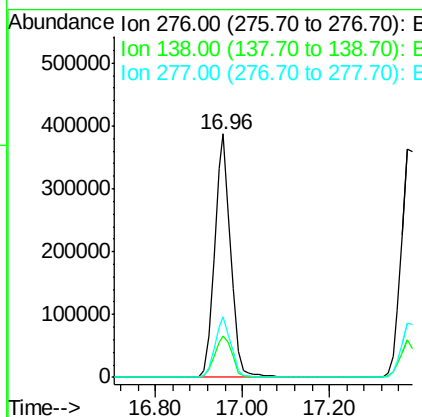
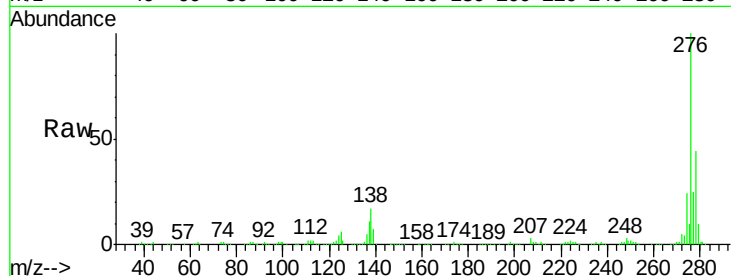
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.59 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.3	22.9
277	24.8	20.2	30.4

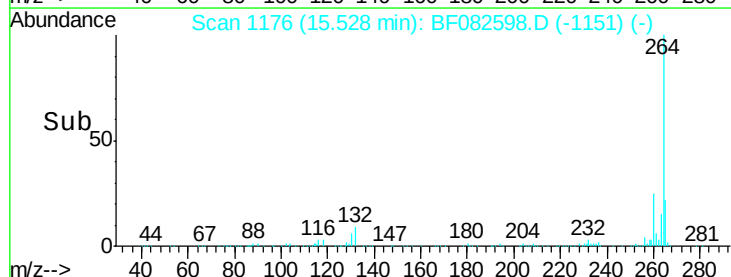
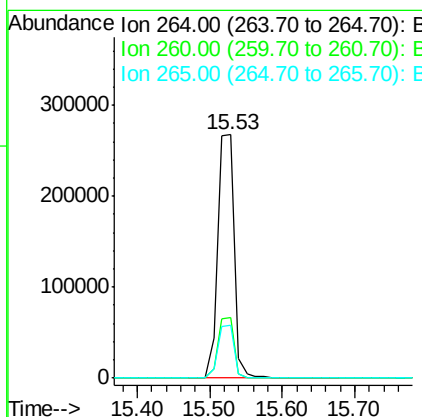
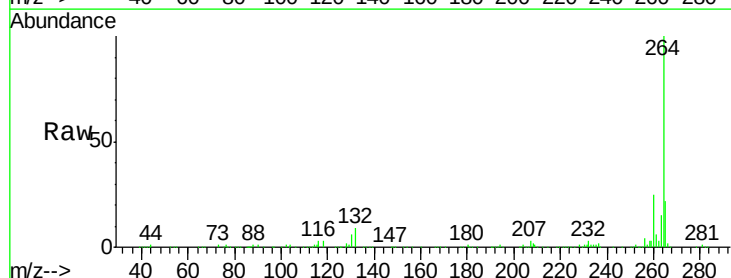
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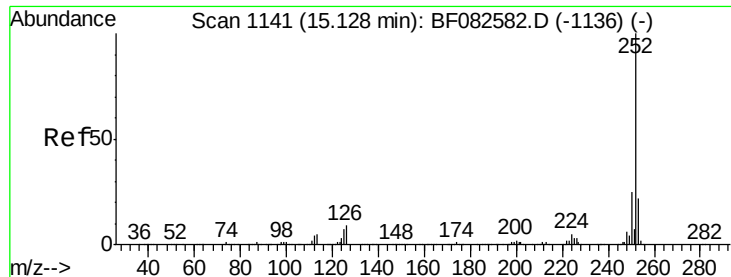
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 34.03 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF082598.D

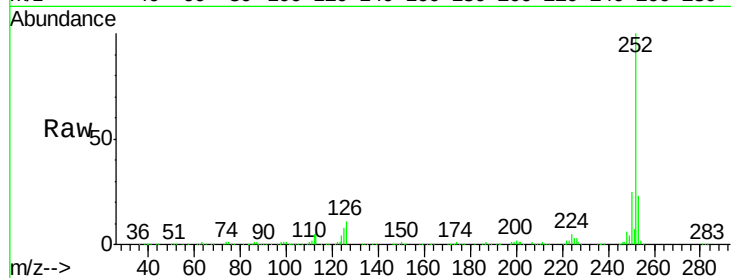
Acq: 31 Oct 2015 3:57

Instrument :

BNA_F

ClientSampleId :

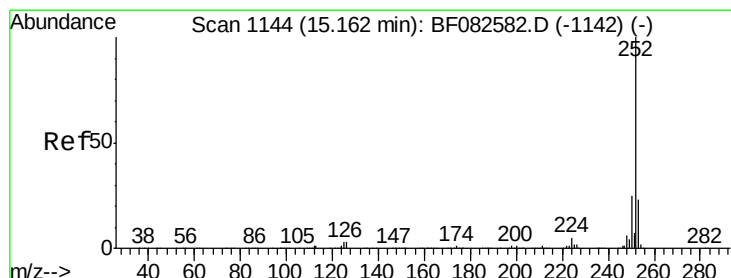
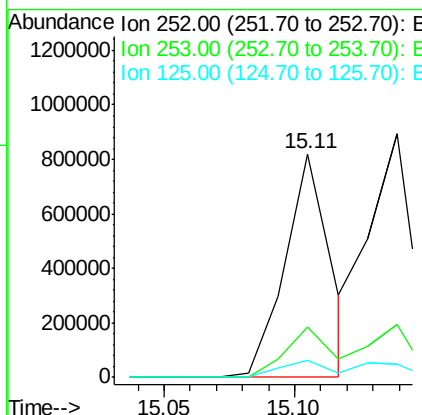
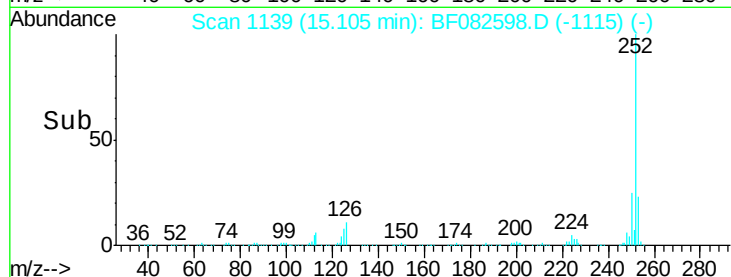
PB86301BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	7.9	5.4	8.2

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#88

Benzo(k)fluoranthene

Concen: 46.40 ng m

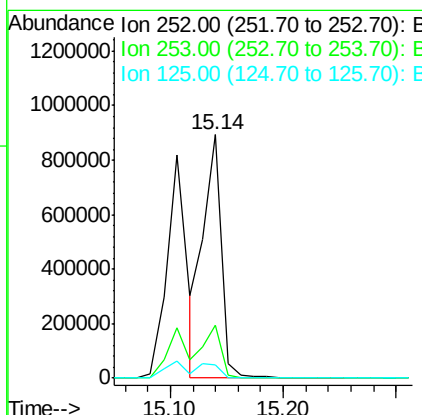
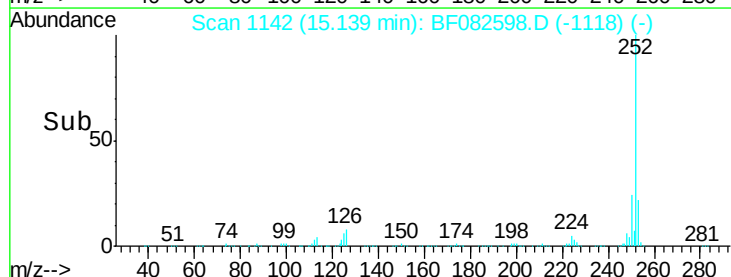
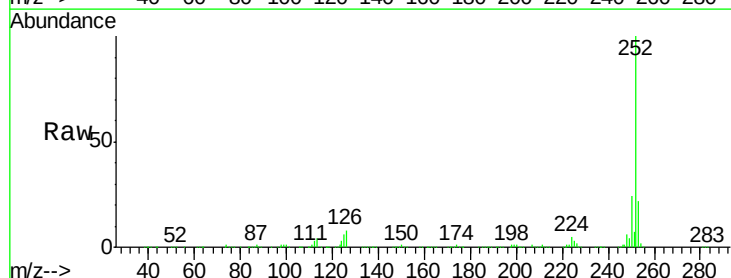
RT: 15.14 min Scan# 1142

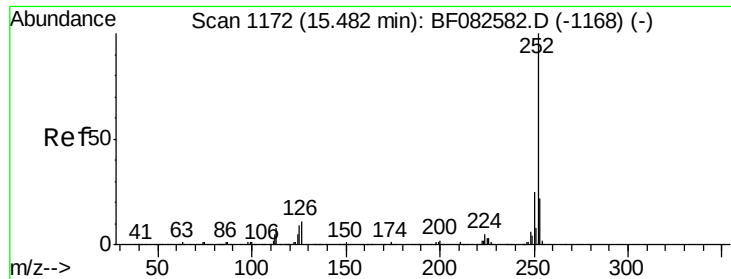
Delta R.T. -0.02 min

Lab File: BF082598.D

Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	5.7	3.5	5.3#





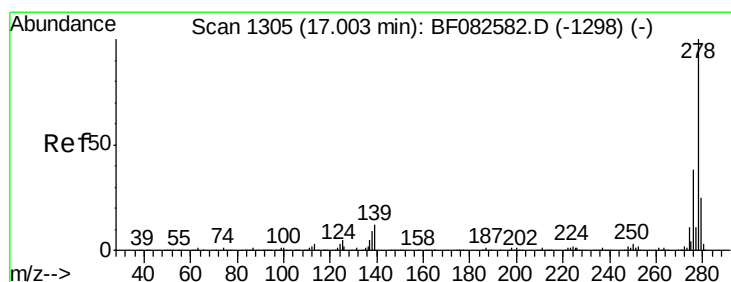
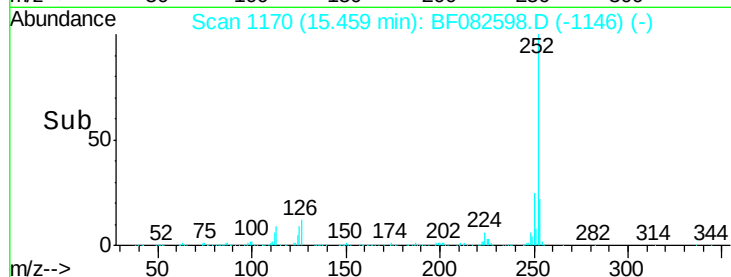
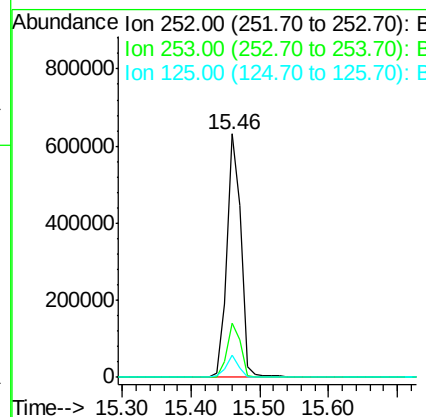
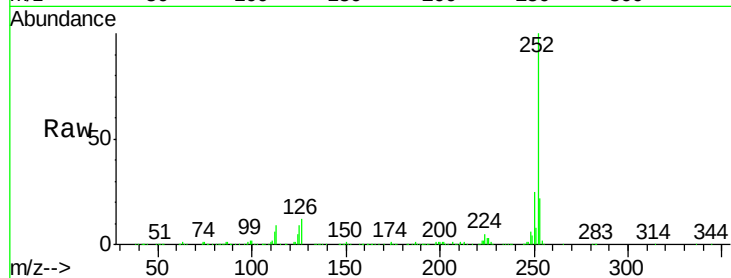
#89
Benzo(a)pyrene
Concen: 40.39 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.2	7.1	10.7

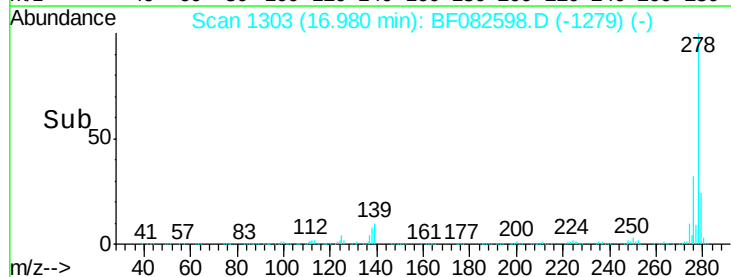
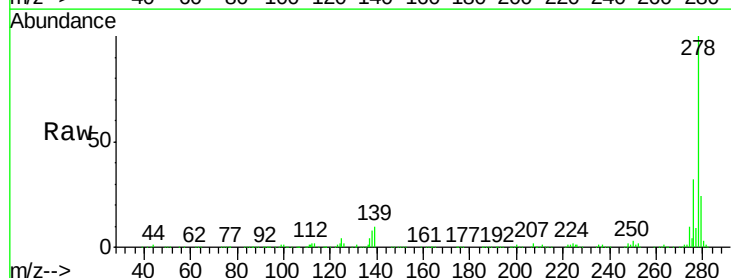
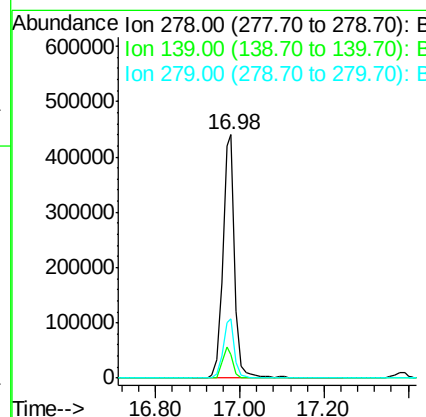
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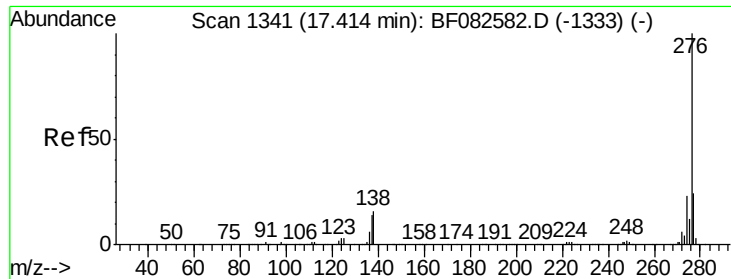
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#90
Dibenzo(a,h)anthracene
Concen: 40.74 ng
RT: 16.98 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF082598.D
Acq: 31 Oct 2015 3:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.6	9.9	14.9#
279	24.1	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 41.47 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.03 min
 Lab File: BF082598.D
 Acq: 31 Oct 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 PB86301BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	16.6	13.1	19.7

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