

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063015\
 Data File : BF080248.D
 Acq On : 30 Jun 2015 20:57
 Operator : TP/IZ
 Sample : G2831-09MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Manual Integrations
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 7/1/2015 4:17:01 PM

Quant Time: Jul 01 11:17:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34219	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	144950	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	78315	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	160580	20.00	ng	-0.06
75) Chrysene-d12	14.74	240	181033	20.00	ng	-0.25
86) Perylene-d12	16.56	264	172906	20.00	ng	-0.37

System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	253347	131.06	ng	-0.03
7) Phenol-d6	6.89	99	320460	124.58	ng	-0.03
23) Nitrobenzene-d5	7.84	82	230565	92.60	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	107530	140.42	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	442867	80.64	ng	-0.05
78) Terphenyl-d14	13.51	244	649475	83.79	ng	-0.16

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.14	88	27749	30.20	ng	89
3) Pyridine	3.98	79	91732	37.54	ng	# 84
4) n-Nitrosodimethylamine	3.88	42	44061	37.94	ng	96
6) Aniline	6.94	93	86030	24.31	ng	94
8) 2-Chlorophenol	7.06	128	94328	42.22	ng	83
9) Benzaldehyde	6.84	77	47157	31.75	ng	90
10) Phenol	6.90	94	123115	43.86	ng	79
11) bis(2-Chloroethyl)ether	7.01	93	100273	45.02	ng	87
12) 1,3-Dichlorobenzene	7.22	146	108688m	40.50	ng	
13) 1,4-Dichlorobenzene	7.30	146	114307	44.78	ng	95
14) 1,2-Dichlorobenzene	7.46	146	100901	40.62	ng	98
15) Benzyl Alcohol	7.41	79	87097m	41.41	ng	
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162527	49.16	ng	84
17) 2-Methylphenol	7.52	107	81671	42.80	ng	# 88
18) Hexachloroethane	7.81	117	39208	46.13	ng	# 81
19) n-Nitroso-di-n-propylamine	7.68	70	79408	44.46	ng	# 77
20) 3+4-Methylphenols	7.67	107	110154	44.72	ng	88
22) Acetophenone	7.68	105	141287	41.83	ng	# 81
24) Nitrobenzene	7.86	77	109468	42.60	ng	# 78
25) Isophorone	8.09	82	198538	39.62	ng	# 83
26) 2-Nitrophenol	8.18	139	53552	49.78	ng	# 79
27) 2,4-Dimethylphenol	8.21	122	100646	44.87	ng	# 83
28) bis(2-Chloroethoxy)methane	8.30	93	122172	41.50	ng	# 92
29) 2,4-Dichlorophenol	8.42	162	95640	49.79	ng	98
30) 1,2,4-Trichlorobenzene	8.52	180	100315	45.99	ng	99
31) Naphthalene	8.60	128	308162m	40.66	ng	
32) Benzoic acid	8.28	122	33178	24.46	ng	# 67
33) 4-Chloroaniline	8.63	127	53809	16.59	ng	# 83
34) Hexachlorobutadiene	8.72	225	53365	39.73	ng	96
35) Caprolactam	8.97	113	22405	35.94	ng	# 76
36) 4-Chloro-3-methylphenol	9.11	107	94793	43.75	ng	90
37) 2-Methylnaphthalene	9.29	142	230380	47.00	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.46	216	100689	44.18	ng	98
40) Hexachlorocyclopentadiene	9.45	237	92935	79.31	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.57	196	71282	45.97	ng	97
43) 2,4,5-Trichlorophenol	9.60	196	71883	40.24	ng #	91
45) 1,1'-Biphenyl	9.75	154	251569	39.48	ng	92
46) 2-Chloronaphthalene	9.78	162	218308	42.23	ng	95
47) 2-Nitroaniline	9.86	65	55576	39.16	ng #	56
48) Acenaphthylene	10.21	152	367984	42.64	ng	97
49) Dimethylphthalate	10.05	163	260235	44.20	ng #	97
50) 2,6-Dinitrotoluene	10.10	165	51303	43.46	ng #	43
51) Acenaphthene	10.38	154	232799	44.10	ng	90
52) 3-Nitroaniline	10.28	138	37843	27.79	ng #	51
53) 2,4-Dinitrophenol	10.39	184	53806	109.66	ng #	47
54) Dibenzofuran	10.55	168	319329	42.63	ng #	91
55) 4-Nitrophenol	10.42	139	77067	70.80	ng #	28
56) 2,4-Dinitrotoluene	10.52	165	77006	51.41	ng #	78
57) Fluorene	10.90	166	251121	42.25	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.66	232	60597	40.18	ng	99
59) Diethylphthalate	10.74	149	243835	41.13	ng	95
60) 4-Chlorophenyl-phenylether	10.88	204	126611	44.33	ng	91
61) 4-Nitroaniline	10.89	138	54130	38.49	ng #	49
62) Azobenzene	11.04	77	254040	42.09	ng	87
64) 4,6-Dinitro-2-methylphenol	10.93	198	33536	43.14	ng	83
65) n-Nitrosodiphenylamine	11.00	169	224102	42.86	ng	93
66) 4-Bromophenyl-phenylether	11.38	248	72741	42.60	ng #	82
67) Hexachlorobenzene	11.46	284	79640	41.97	ng #	76
68) Atrazine	11.52	200	77162	46.71	ng	84
69) Pentachlorophenol	11.65	266	87642	81.50	ng	99
70) Phenanthrene	11.88	178	417225	42.92	ng	97
71) Anthracene	11.92	178	401920	42.94	ng	96
72) Carbazole	12.07	167	363694	40.69	ng	96
73) Di-n-butylphthalate	12.40	149	463075	44.85	ng #	99
74) Fluoranthene	13.11	202	445282	43.01	ng	93
76) Benzidine	13.22	184	186808	36.92	ng #	98
77) Pyrene	13.36	202	456931	40.99	ng	96
79) Butylbenzylphthalate	14.04	149	204183	45.62	ng	93
80) Benzo(a)anthracene	14.73	228	473104	42.90	ng	97
81) 3,3'-Dichlorobenzidine	14.68	252	72639	19.10	ng #	92
82) Chrysene	14.77	228	413010	40.61	ng	95
83) Bis(2-ethylhexyl)phthalate	14.70	149	299799	42.38	ng #	92
84) Di-n-octyl phthalate	15.48	149	504549	41.62	ng	97
85) Indeno(1,2,3-cd)pyrene	18.38	276	472855	36.87	ng #	89
87) Benzo(b)fluoranthene	16.04	252	419090	40.03	ng #	86
88) Benzo(k)fluoranthene	16.07	252	442776m	41.53	ng	
89) Benzo(a)pyrene	16.48	252	423583	42.61	ng #	87
90) Dibenzo(a,h)anthracene	18.39	278	394867	38.80	ng #	83
91) Benzo(g,h,i)perylene	18.92	276	394393	38.39	ng #	79

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



#1

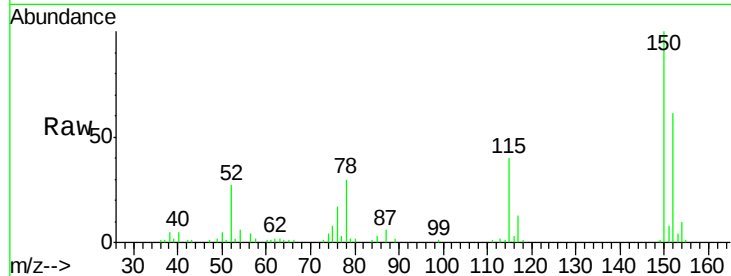
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

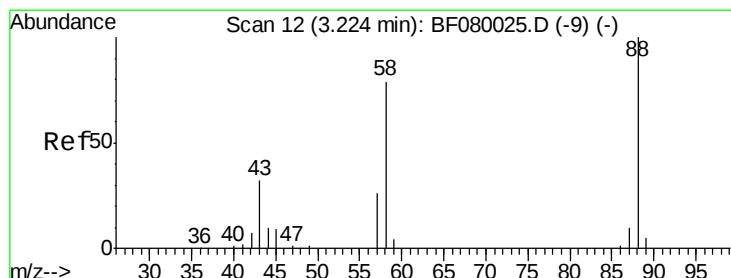
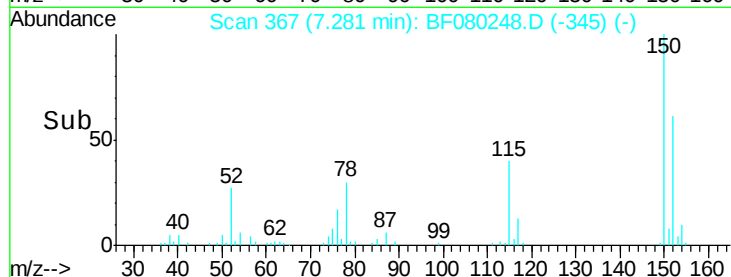
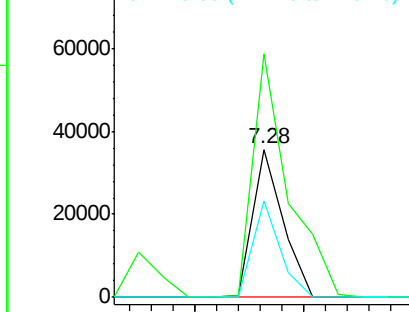
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	124.7	187.1
115	65.5	39.0	58.4

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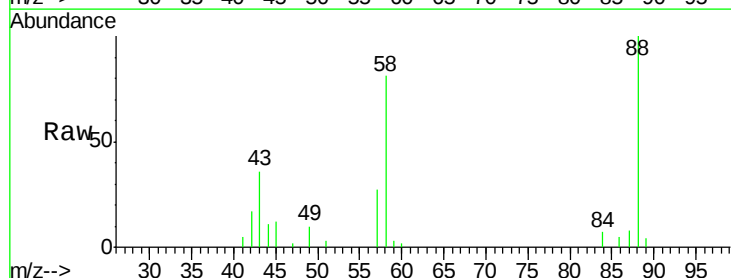
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



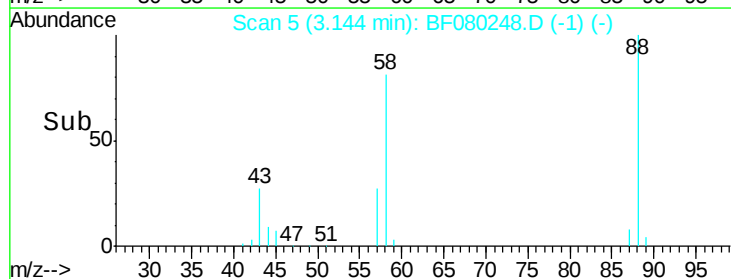
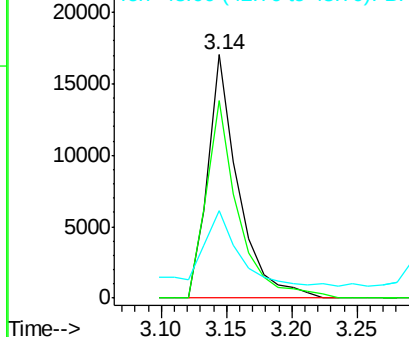
#2

1,4-Dioxane
Concen: 30.20 ng
RT: 3.14 min Scan# 5
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	77.7	116.5
43	35.2	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.54 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

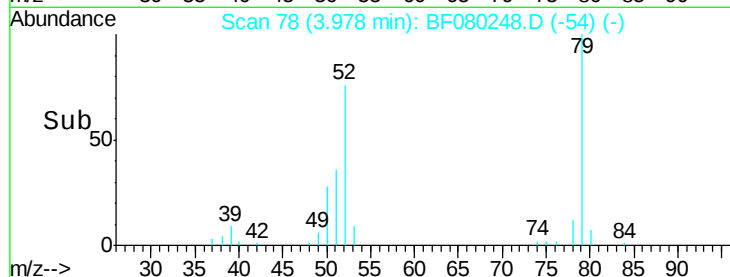
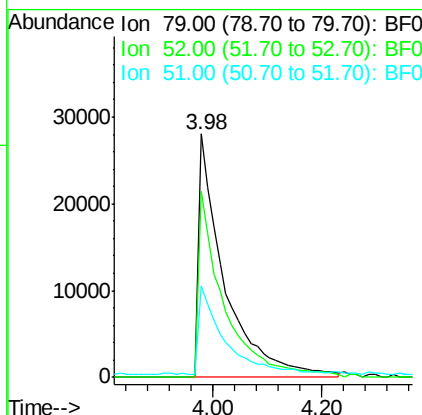
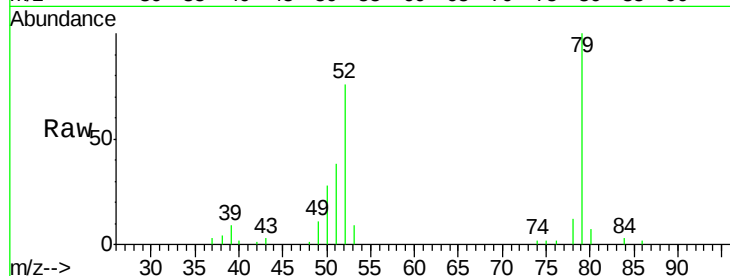
ClientSampleId :

SP-1(0-2)MSD

Tgt Ion:	79	Resp:	91732
Ion	Ratio	Lower	Upper
79	100		
52	76.1	76.8	115.2#
51	37.6	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 37.94 ng

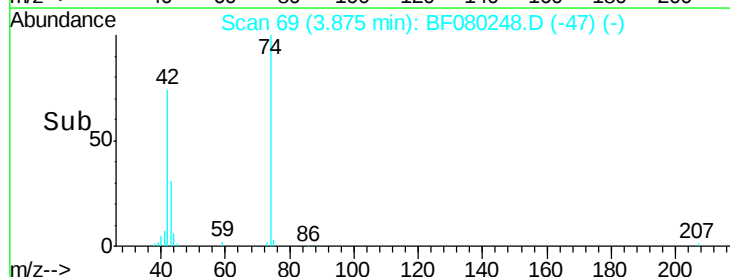
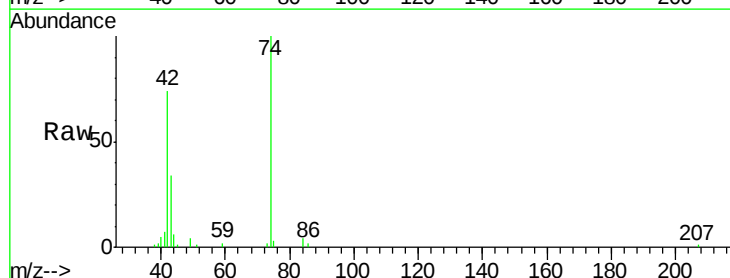
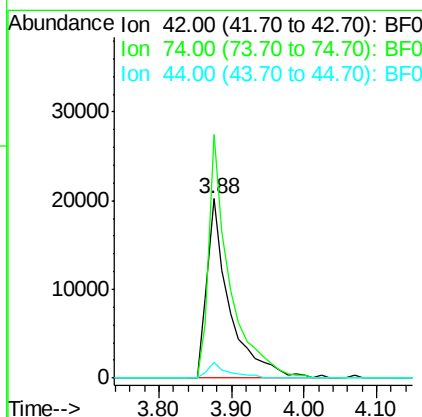
RT: 3.88 min Scan# 69

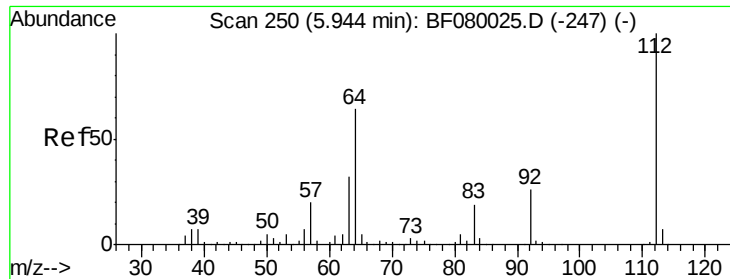
Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	42	Resp:	44061
Ion	Ratio	Lower	Upper
42	100		
74	135.7	105.0	157.6
44	8.7	6.6	10.0





#5

2-Fluorophenol

Concen: 131.06 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

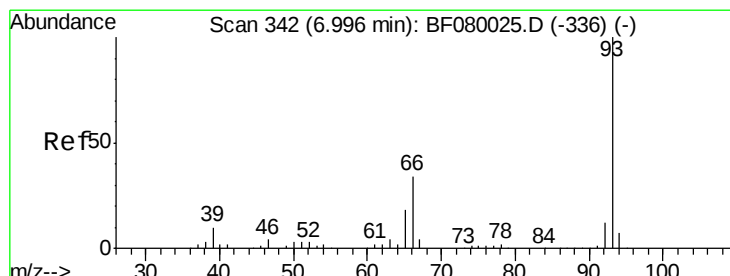
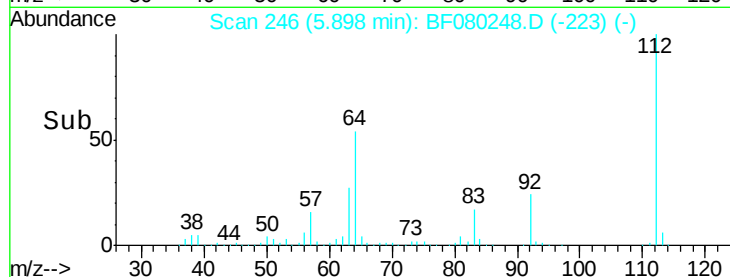
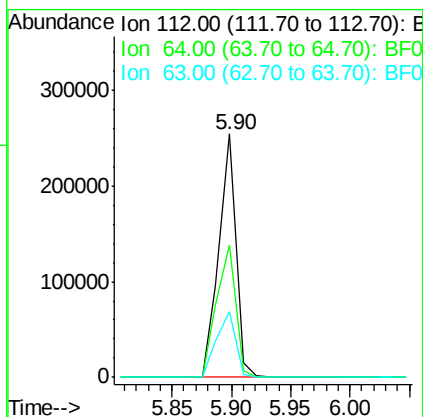
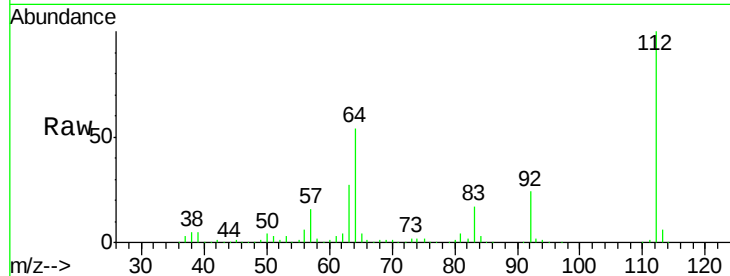
ClientSampleId :

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Tgt Ion:	112	Resp:	253347
Ion Ratio	Lower	Upper	
112	100		
64	54.2	39.7	59.5
63	27.0	17.4	26.0

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#6

Aniline

Concen: 24.31 ng

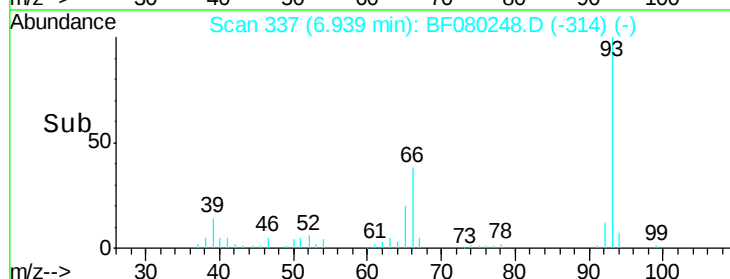
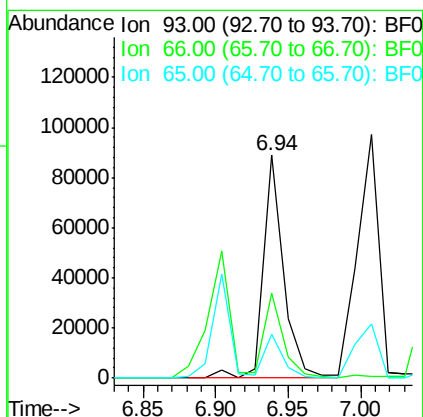
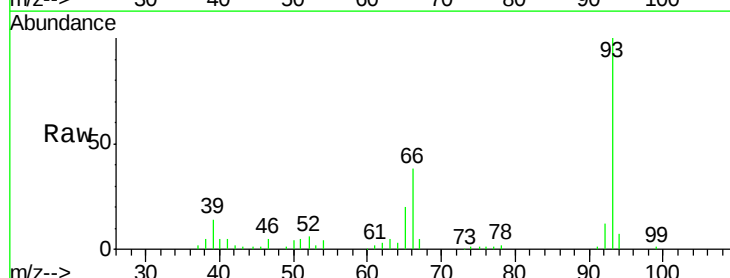
RT: 6.94 min Scan# 337

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	93	Resp:	86030
Ion Ratio	Lower	Upper	
93	100		
66	38.4	27.2	40.8
65	19.8	14.7	22.1





#7

Phenol-d6

Concen: 124.58 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

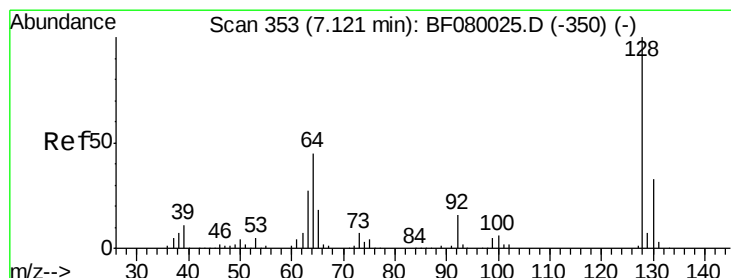
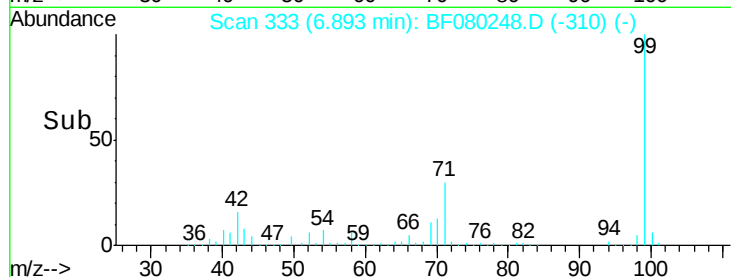
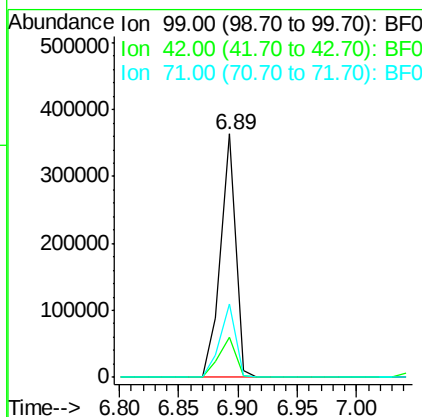
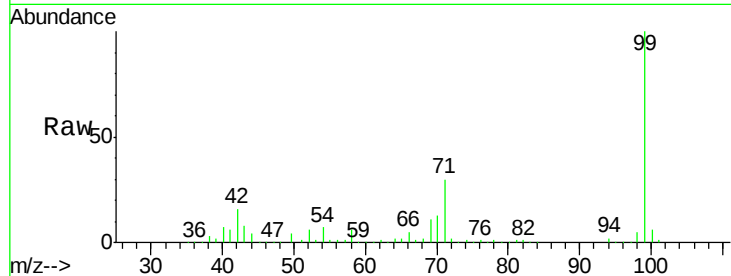
ClientSampleId :

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Tgt Ion:	99	Resp:	320460
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.7	20.5
71	30.2	14.2	21.2#

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#8

2-Chlorophenol

Concen: 42.22 ng

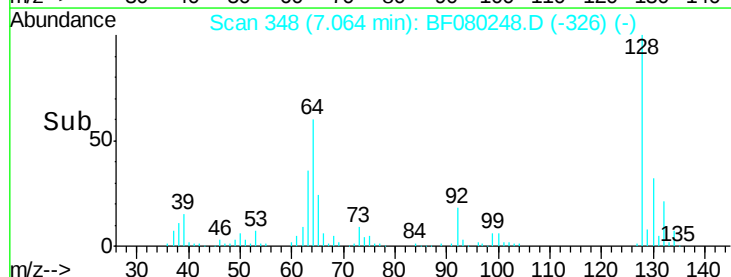
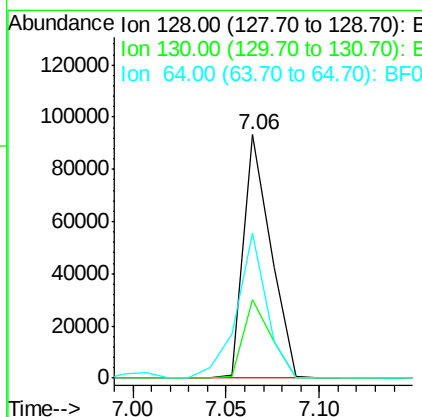
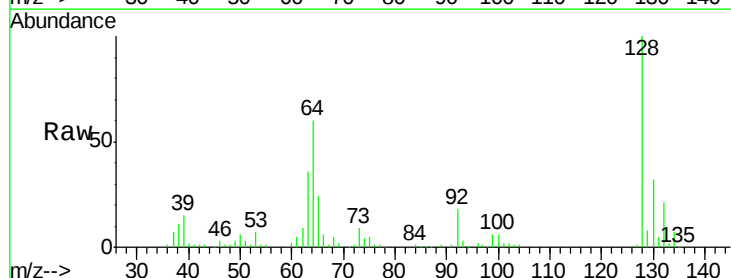
RT: 7.06 min Scan# 348

Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	128	Resp:	94328
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.2	52.2
64	59.7	20.5	60.5





#9

Benzaldehyde

Concen: 31.75 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

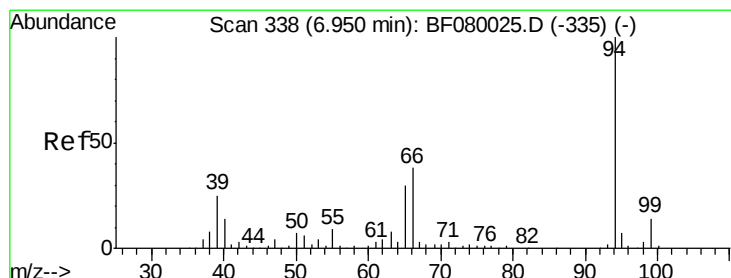
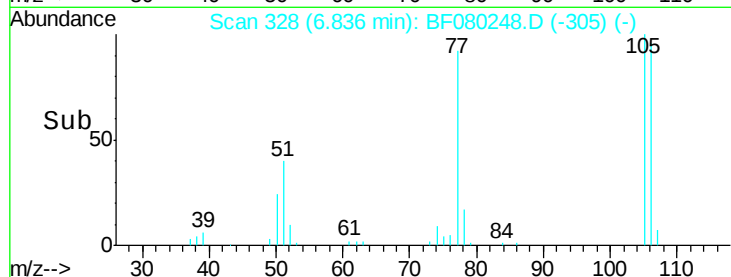
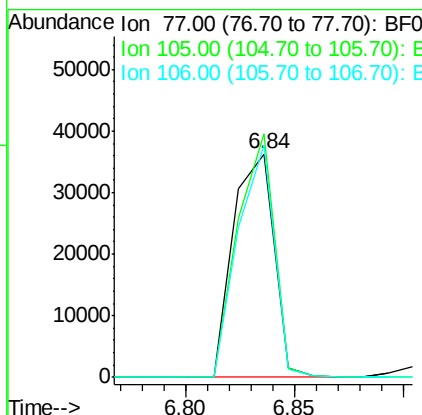
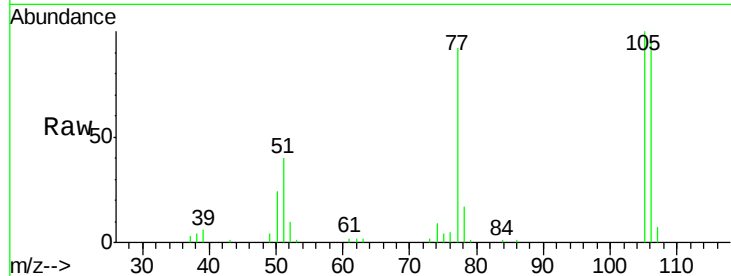
ClientSampleId :

SP-1(0-2)MSD

Tgt Ion:	77	Resp:	47157
Ion	Ratio	Lower	Upper
77	100		
105	108.9	91.6	131.6
106	104.1	102.6	142.6

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#10

Phenol

Concen: 43.86 ng

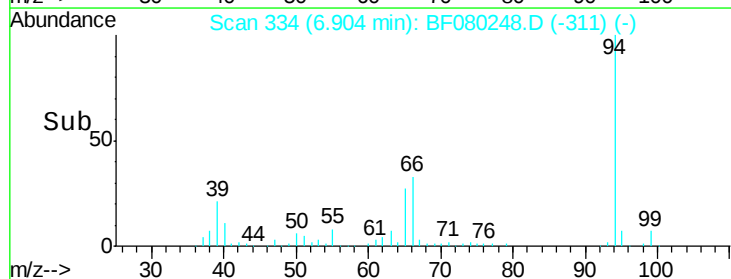
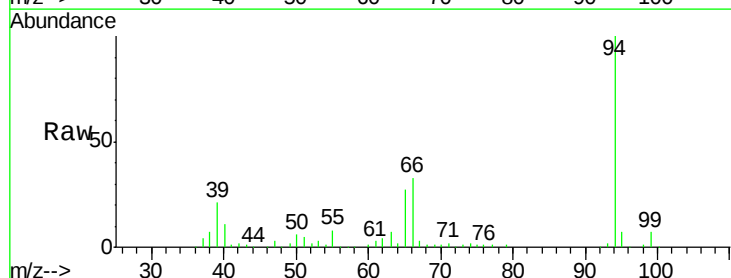
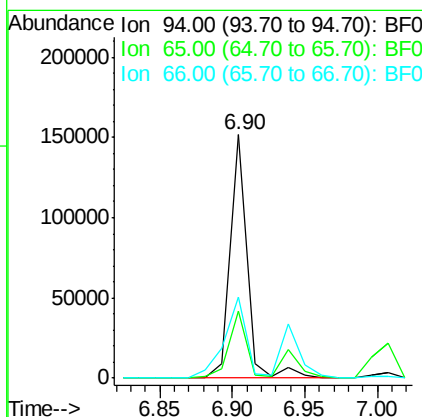
RT: 6.90 min Scan# 334

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	94	Resp:	123115
Ion	Ratio	Lower	Upper
94	100		
65	27.4	0.7	40.7
66	33.4	0.8	40.8





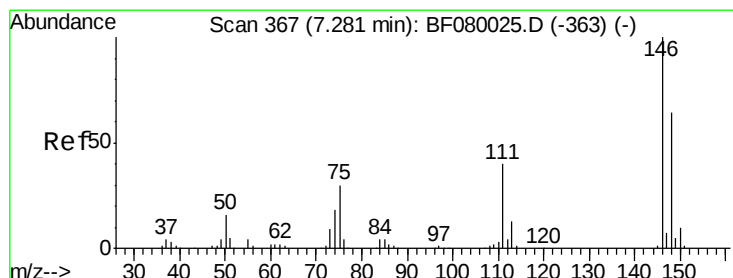
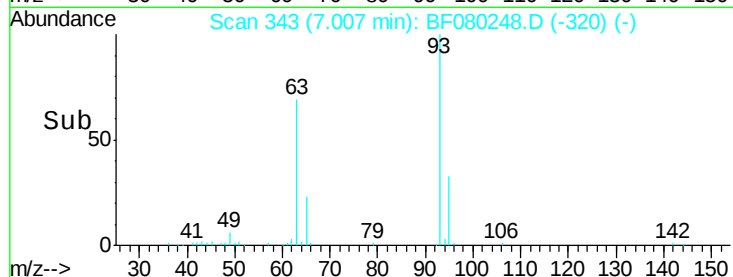
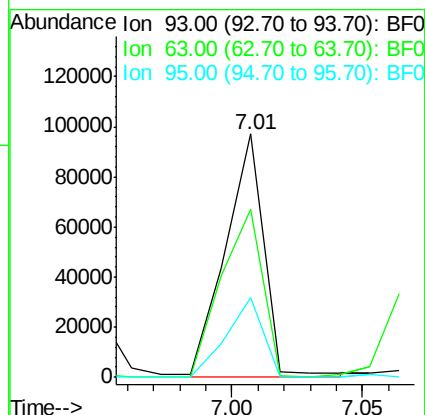
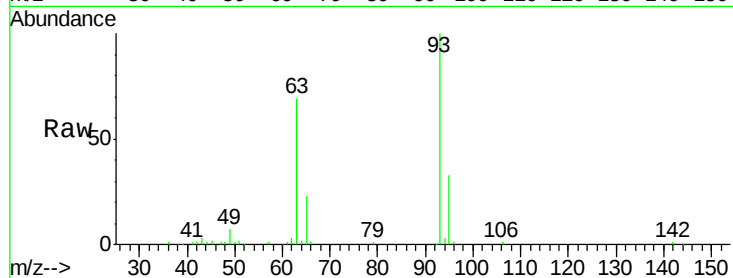
#11
 bis(2-Chloroethyl)ether
 Concen: 45.02 ng
 RT: 7.01 min Scan# 343
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.2	65.6	105.6
95	32.6	13.6	53.6

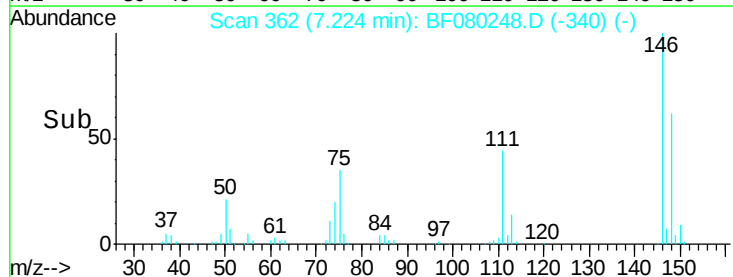
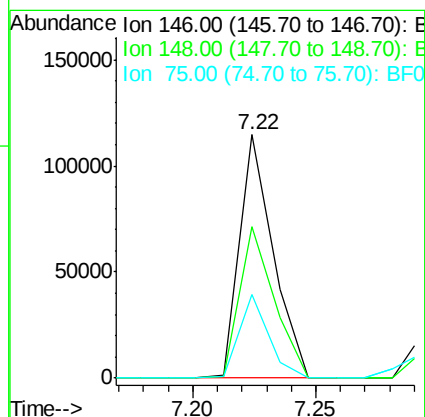
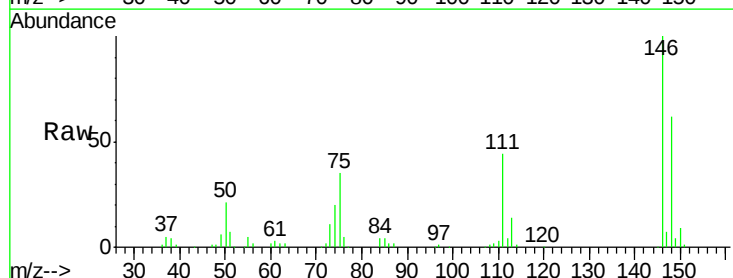
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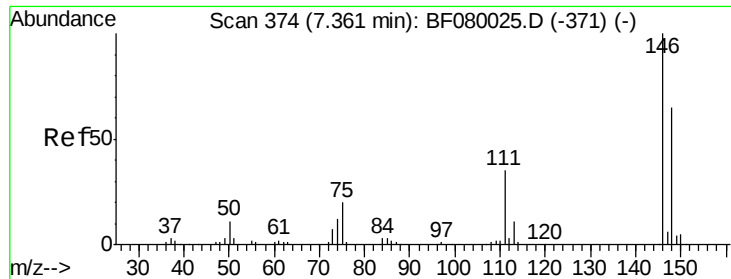
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#12
 1,3-Dichlorobenzene
 Concen: 40.50 ng m
 RT: 7.22 min Scan# 362
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.0	76.4
75	34.6	15.0	22.6#





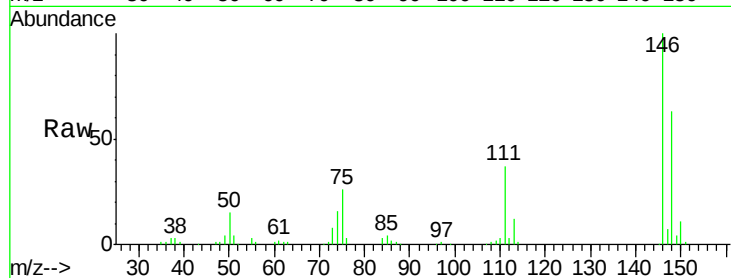
#13
 1,4-Dichlorobenzene
 Concen: 44.78 ng
 RT: 7.30 min Scan# 369
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

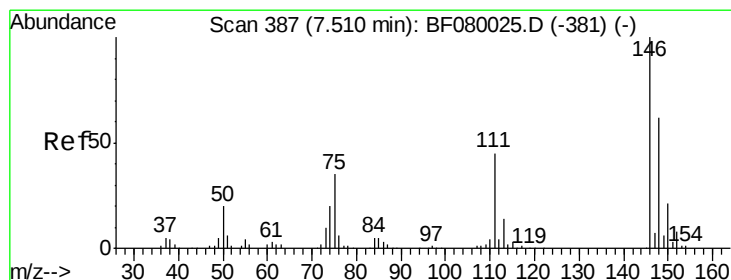
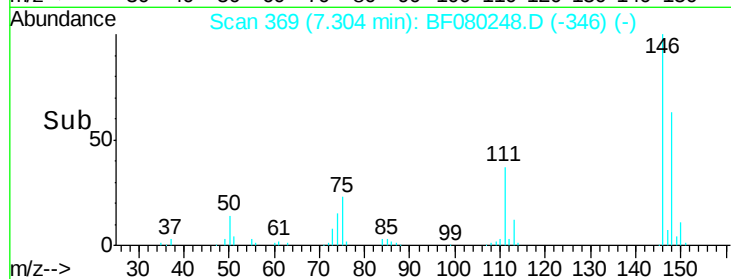
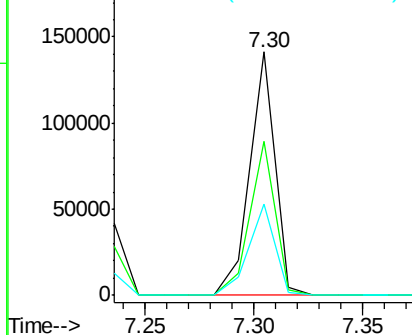
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	37.3	24.9	37.3

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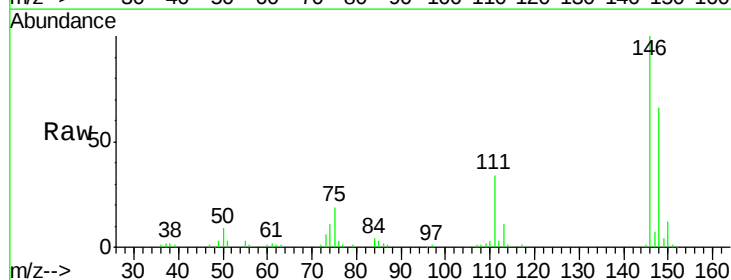


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

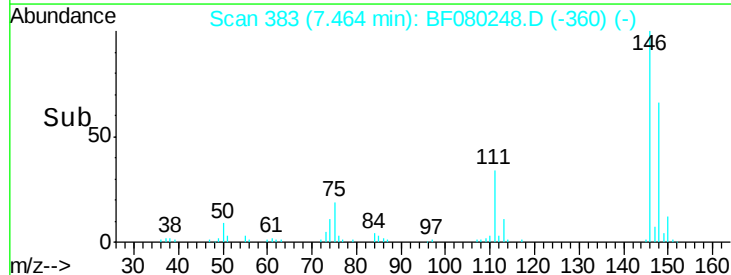
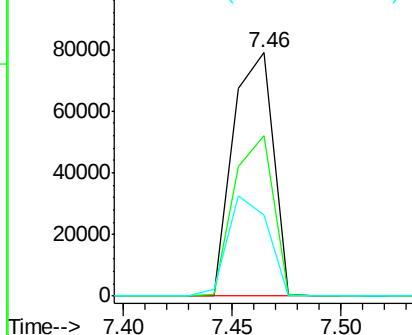


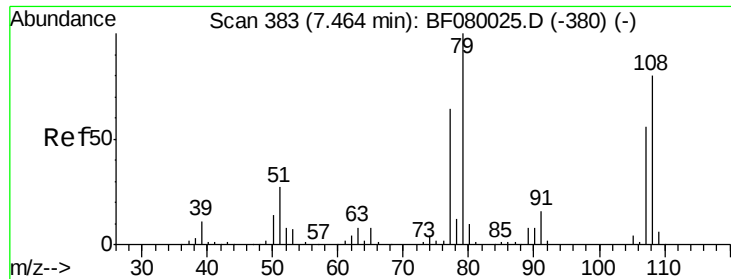
#14
 1,2-Dichlorobenzene
 Concen: 40.62 ng
 RT: 7.46 min Scan# 383
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.7	79.1
111	33.5	28.8	43.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.41 ng m

RT: 7.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MSD

Tgt Ion: 79 Resp: 87097
Ion Ratio Lower Upper

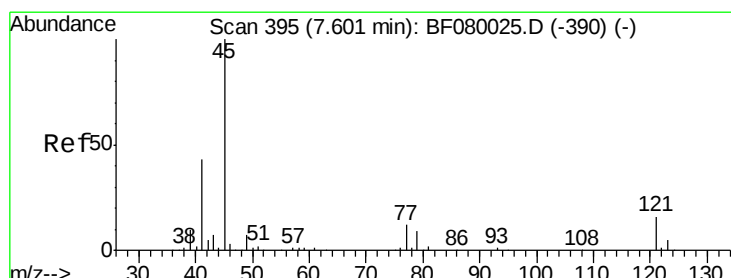
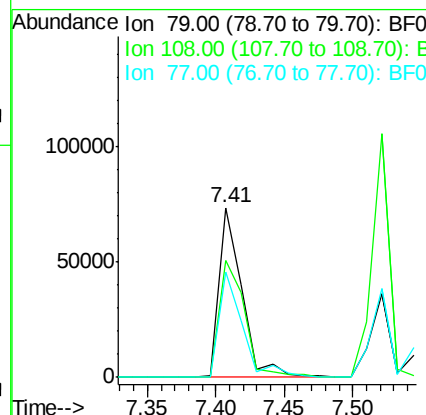
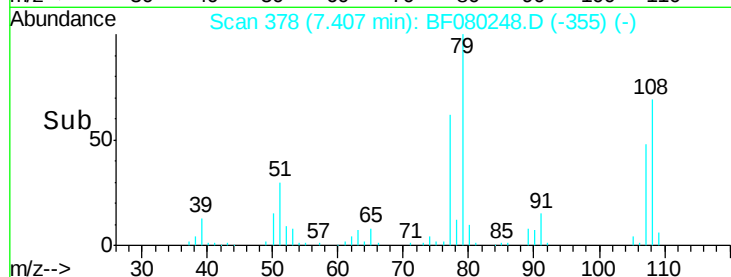
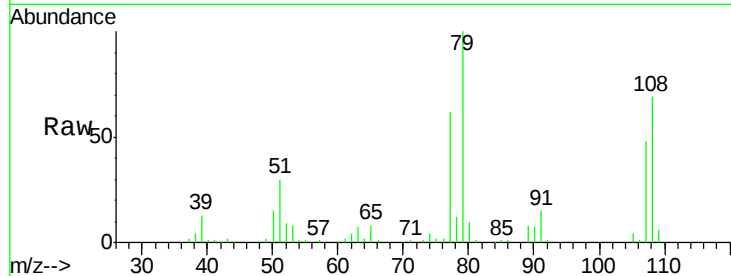
79 100

108 69.0 88.6 132.8#

77 62.3 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.16 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080248.D

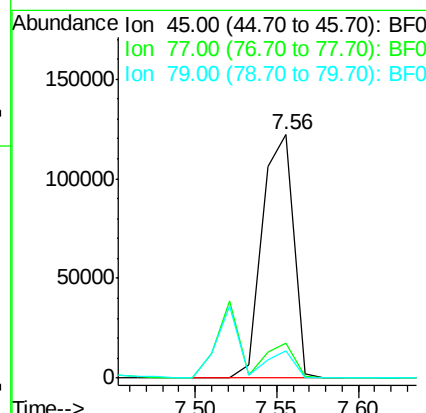
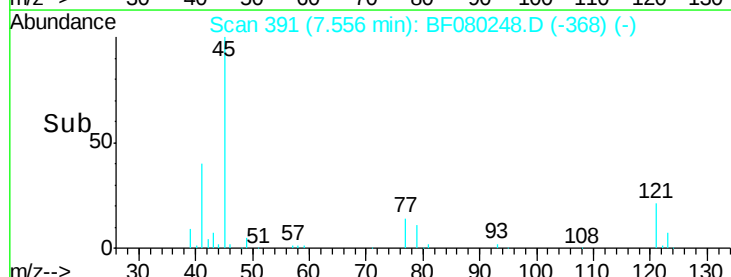
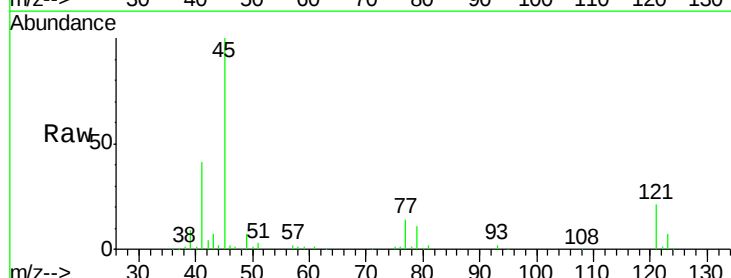
Acq: 30 Jun 2015 20:57

Tgt Ion: 45 Resp: 162527
Ion Ratio Lower Upper

45 100

77 14.2 0.0 28.1

79 11.1 0.0 26.0





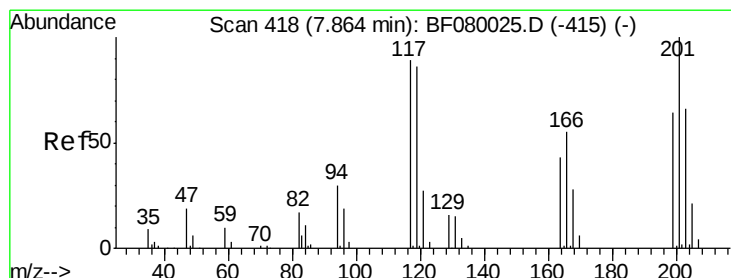
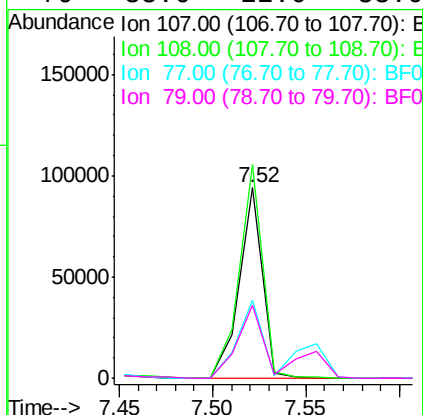
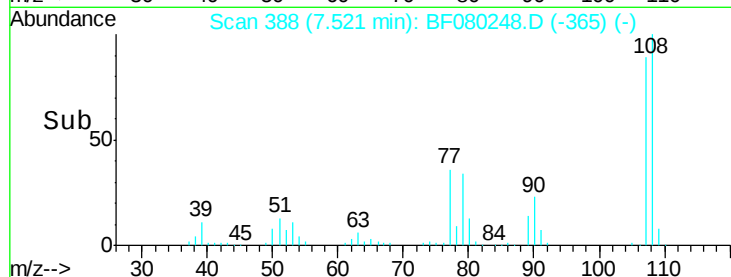
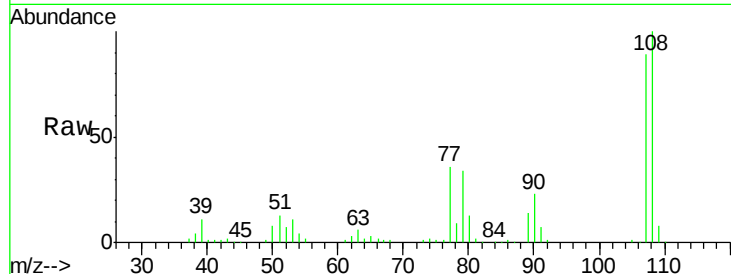
#17
2-Methylphenol
Concen: 42.80 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.1	96.6	145.0
77	40.8	23.3	34.9
79	38.6	22.0	33.0

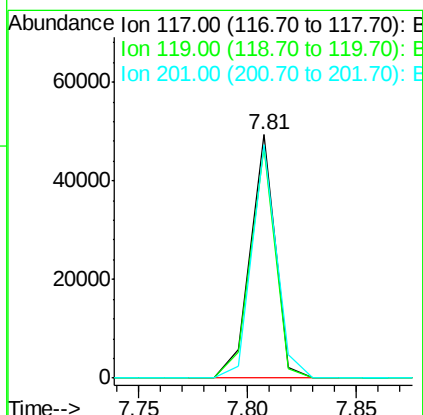
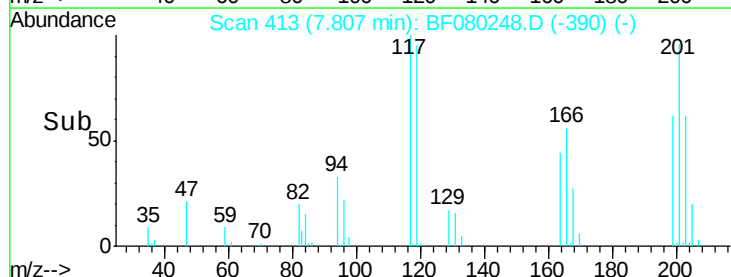
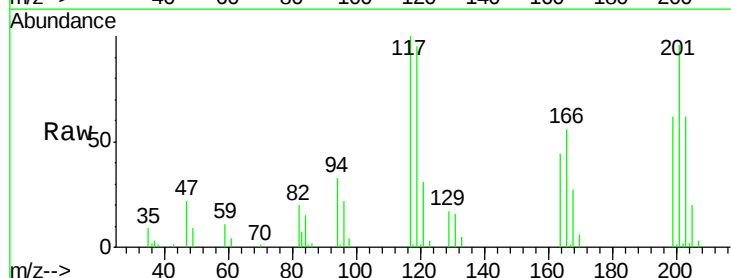
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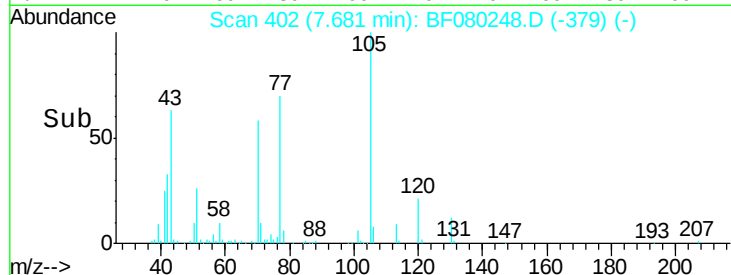
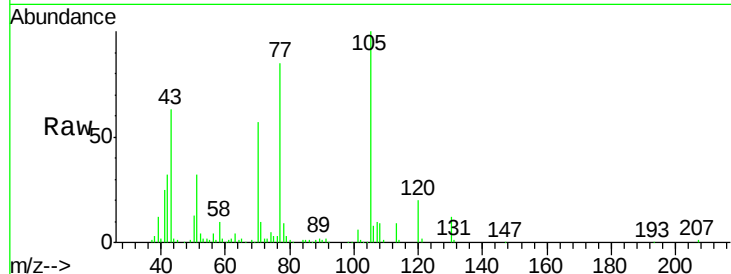
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#18
Hexachloroethane
Concen: 46.13 ng
RT: 7.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.8	83.8	125.6
201	95.8	55.1	82.7





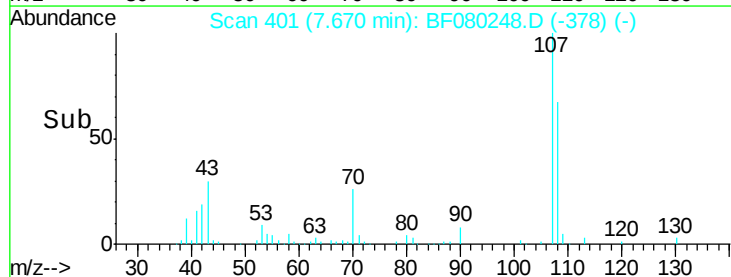
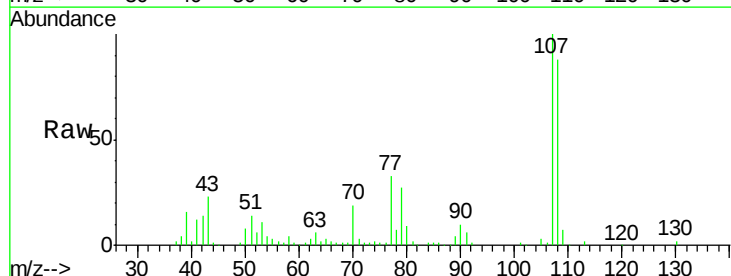
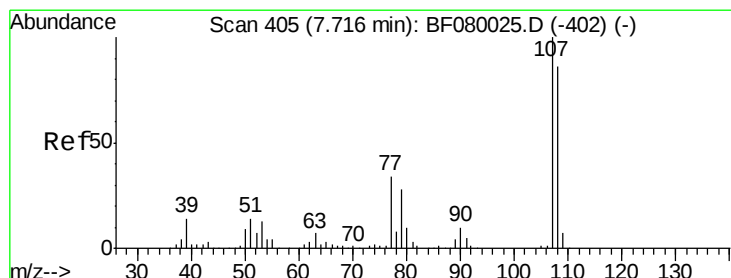
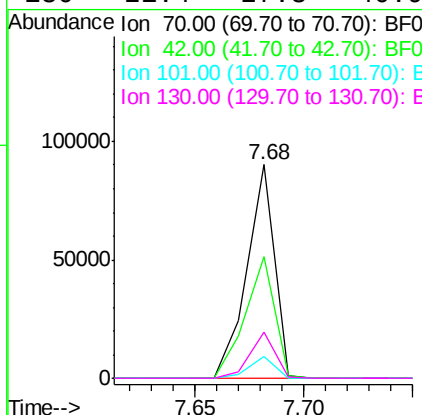
#19
n-Nitroso-di-n-propylamine
Concen: 44.46 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.6	63.8	95.6#
101	10.0	9.2	13.8
130	21.4	27.3	40.9#

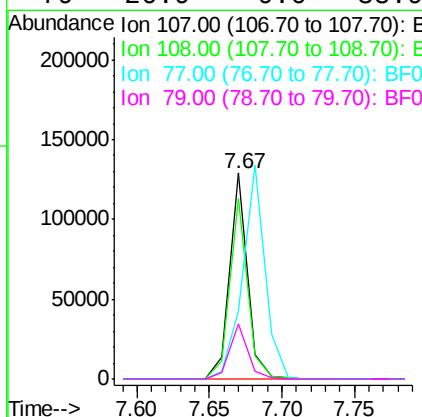
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#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.67 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	74.6	114.6
77	32.9	0.7	40.7
79	26.9	0.0	38.9





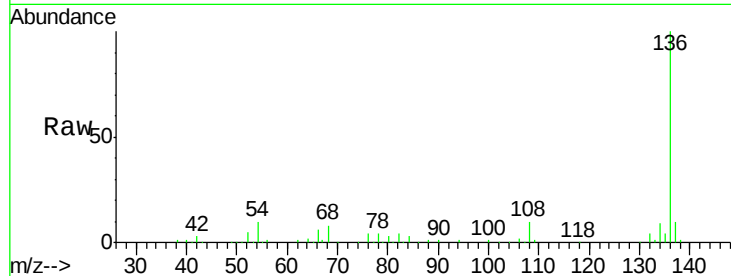
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

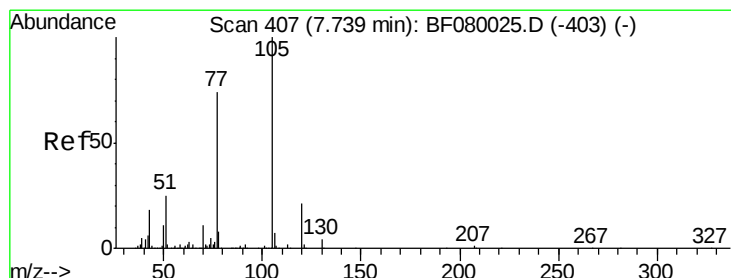
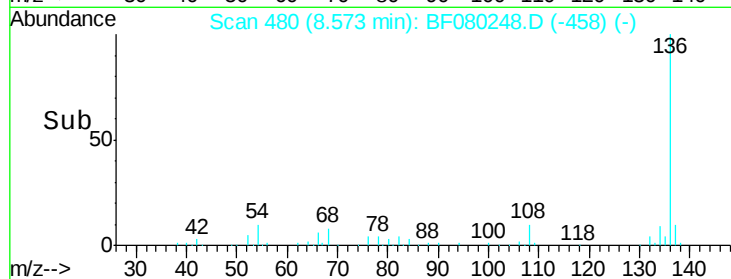
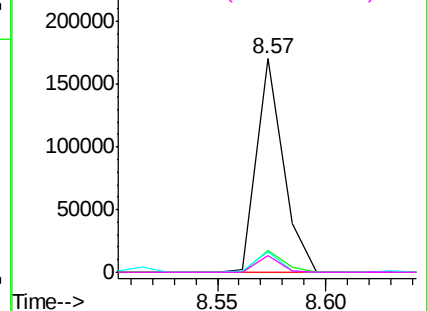
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	144950		
137	10.5	9.0	13.6	
54	9.9	8.2	12.2	
68	7.6	5.8	8.6	

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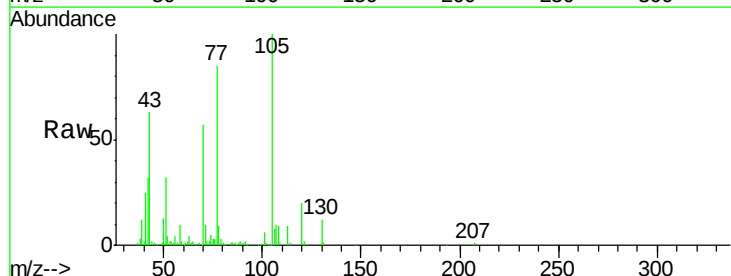


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

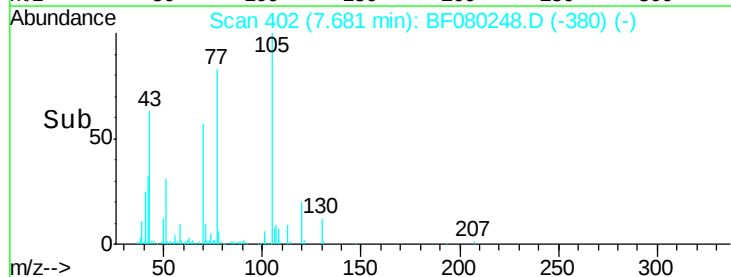
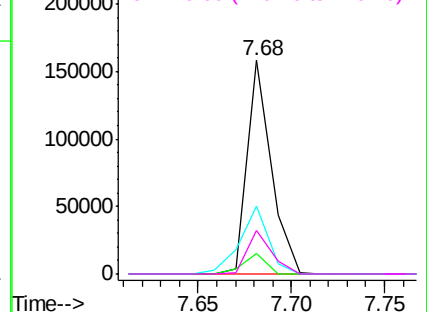


#22
Acetophenone
Concen: 41.83 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141287		
71	9.6	4.7	7.1#	
51	31.6	22.0	33.0	
120	20.3	30.1	45.1#	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





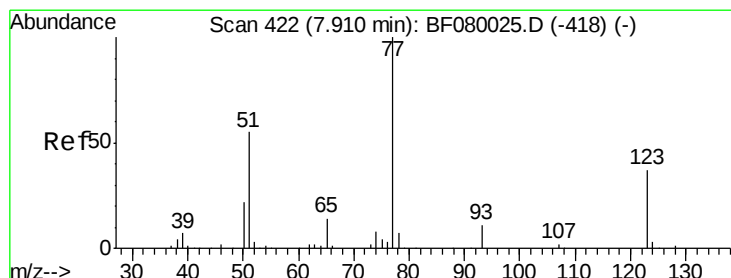
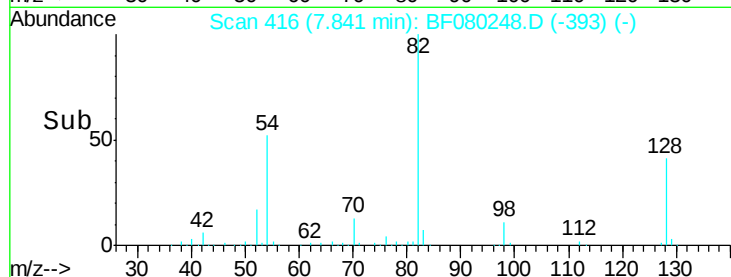
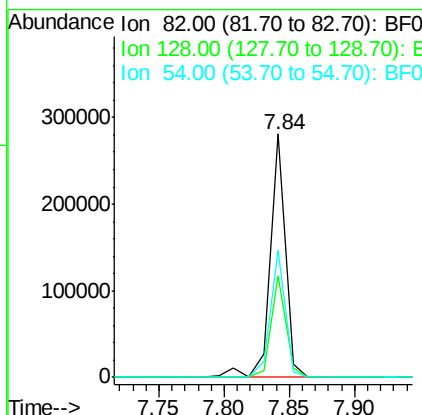
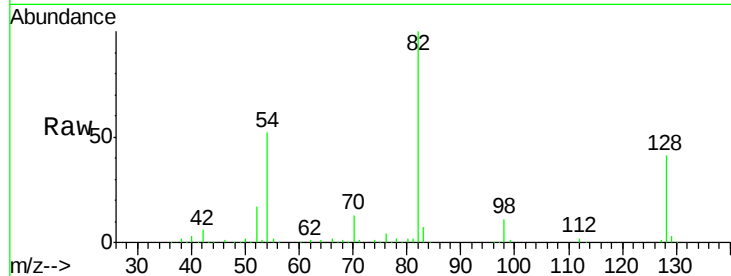
#23
 Nitrobenzene-d5
 Concen: 92.60 ng
 RT: 7.84 min Scan# 416
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	230565		
128	41.5	51.0	76.6#	
54	52.0	47.5	71.3	

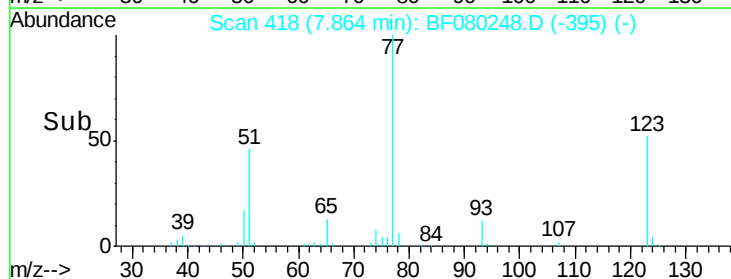
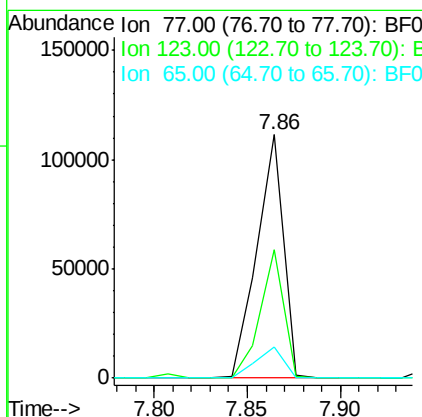
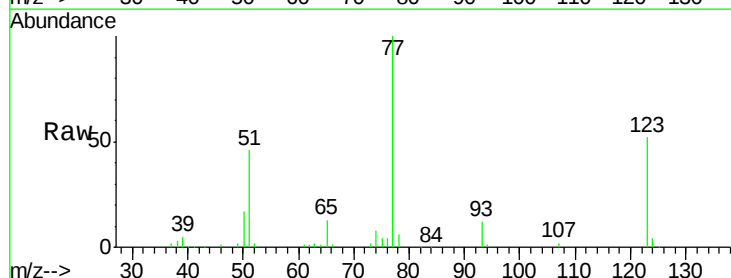
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#24
 Nitrobenzene
 Concen: 42.60 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	109468		
123	52.5	59.8	89.8#	
65	12.7	10.2	15.4	





#25

Isophorone

Concen: 39.62 ng

RT: 8.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MSD

Tgt Ion: 82 Resp: 198538
Ion Ratio Lower Upper

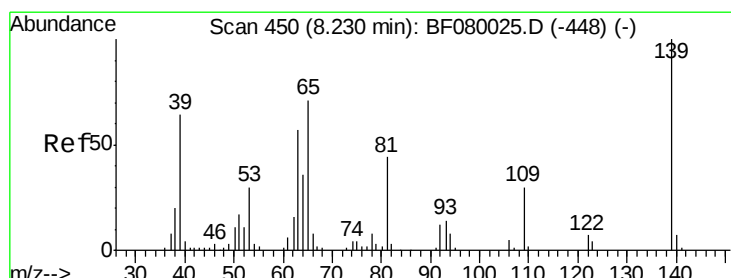
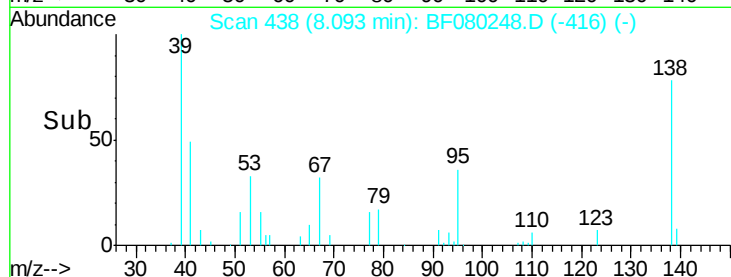
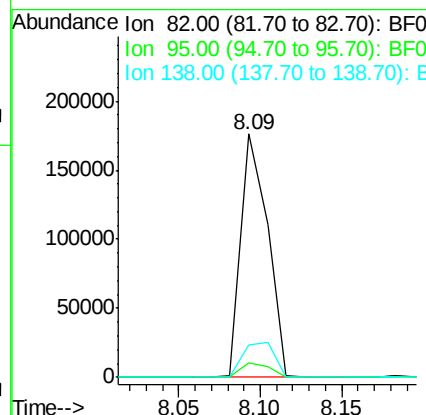
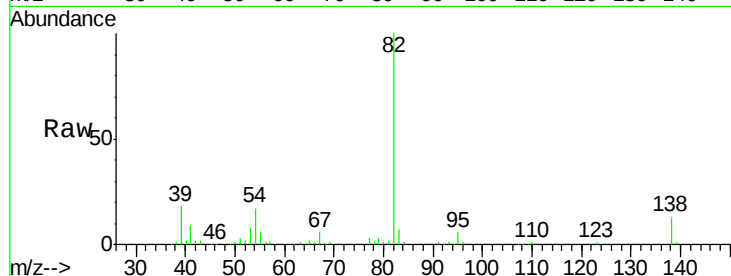
82 100

95 6.2 4.0 6.0#

138 13.4 18.3 27.5#

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#26

2-Nitrophenol

Concen: 49.78 ng

RT: 8.18 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF080248.D

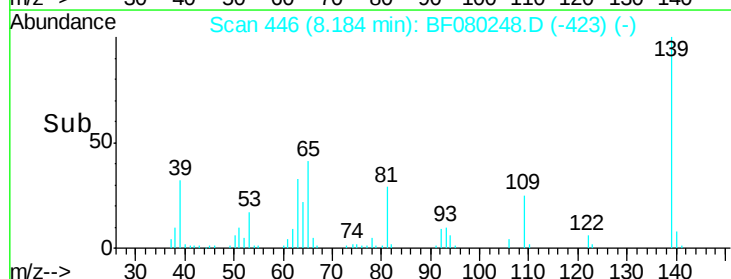
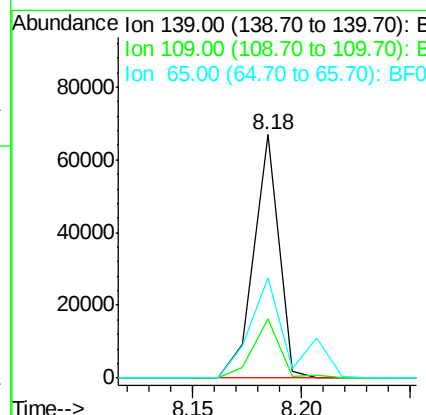
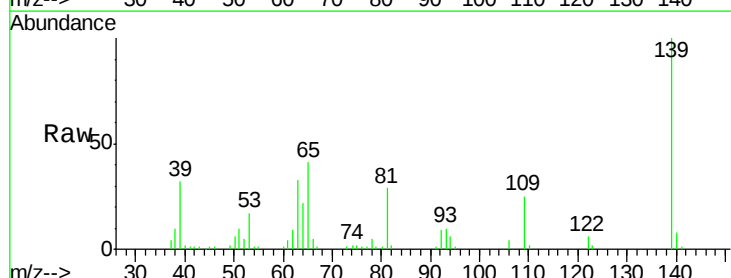
Acq: 30 Jun 2015 20:57

Tgt Ion: 139 Resp: 53552
Ion Ratio Lower Upper

139 100

109 24.6 11.0 16.4#

65 40.9 24.7 37.1#





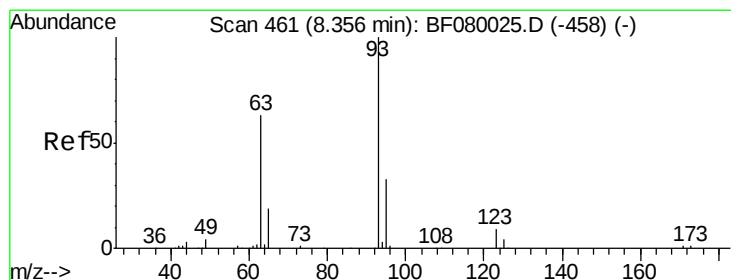
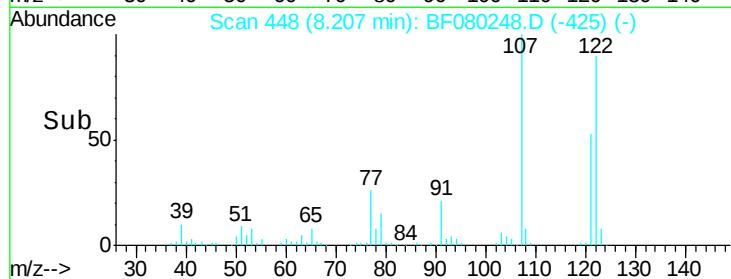
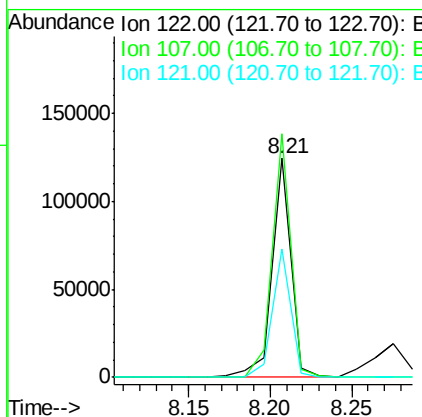
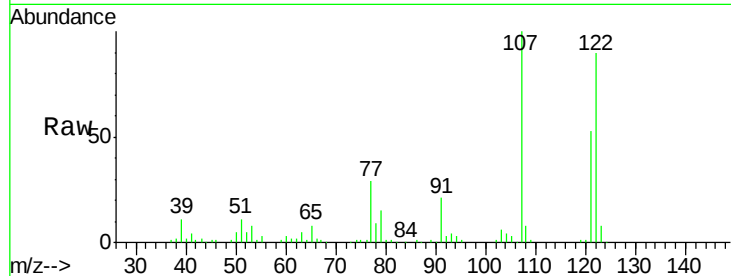
#27
2,4-Dimethylphenol
Concen: 44.87 ng
RT: 8.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	100646		
107	111.3	71.8	107.6#	
121	58.5	42.3	63.5	

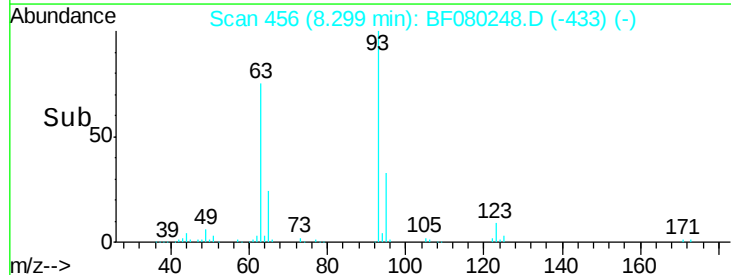
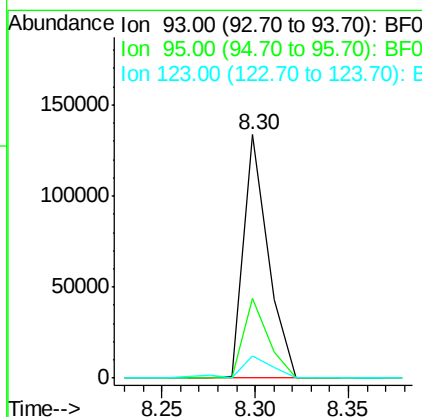
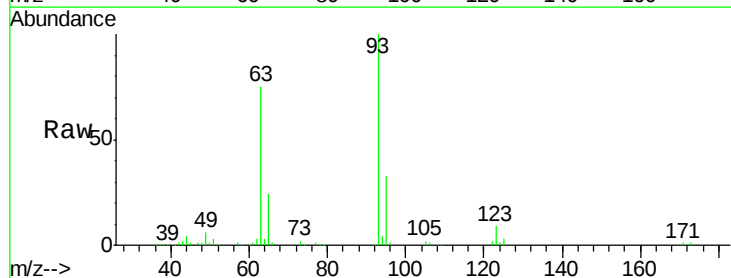
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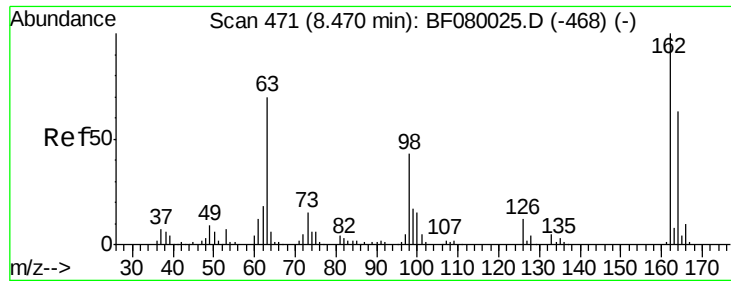
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#28
bis(2-Chloroethoxy)methane
Concen: 41.50 ng
RT: 8.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	122172		
95	32.6	27.5	41.3	
123	9.1	13.7	20.5#	





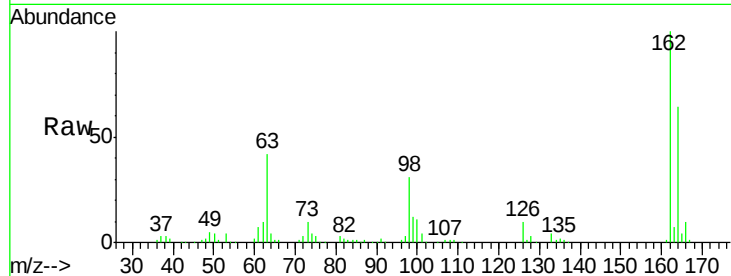
#29
2,4-Dichlorophenol
Concen: 49.79 ng
RT: 8.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

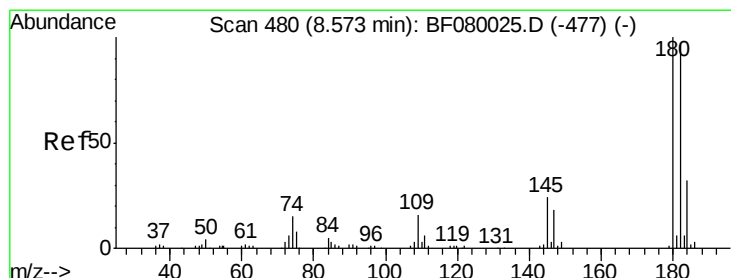
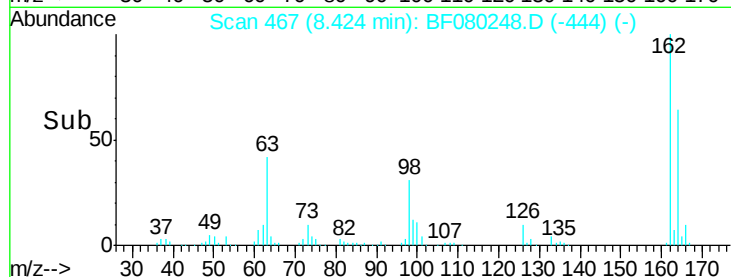
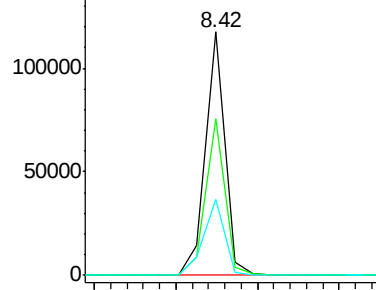
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	44.9	84.9
98	30.9	13.0	53.0

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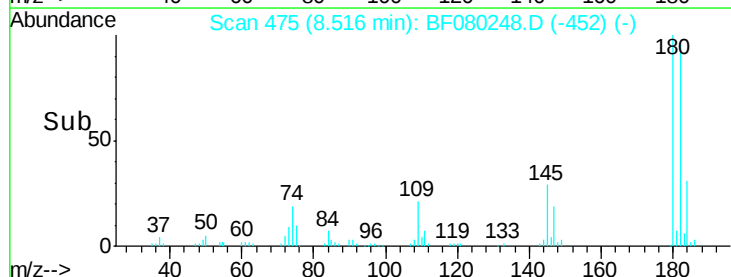
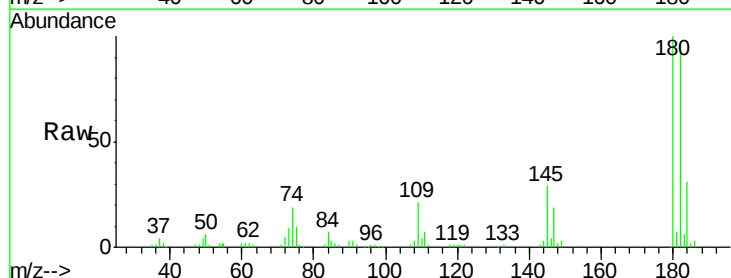
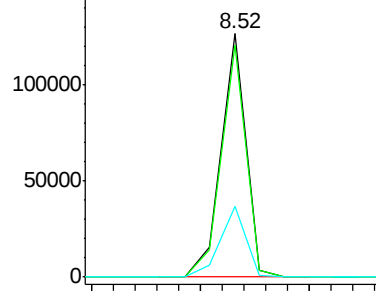
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 45.99 ng
RT: 8.52 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	77.1	115.7
145	28.9	23.3	34.9

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





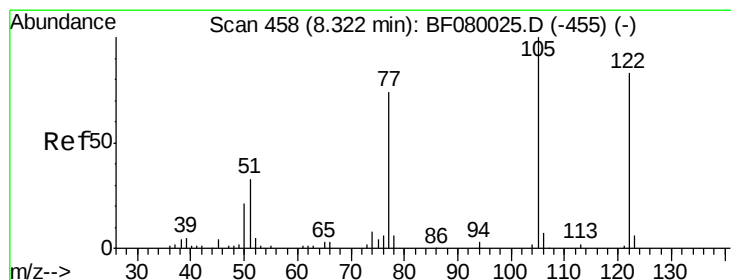
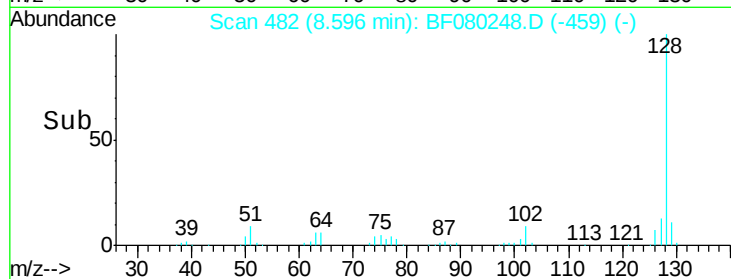
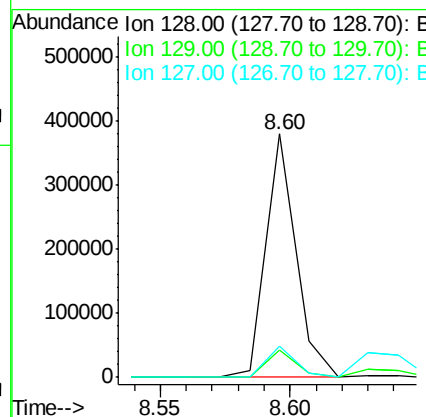
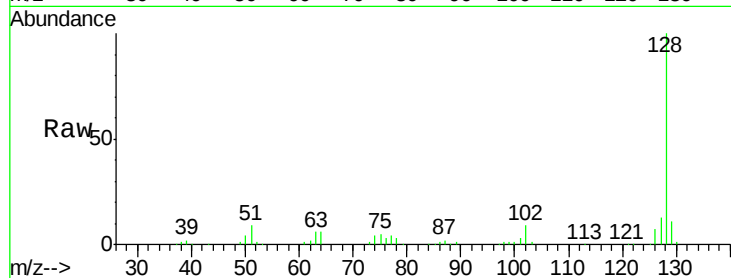
#31
Naphthalene
Concen: 40.66 ng m
RT: 8.60 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	308162		
129	11.1	8.4	12.6	
127	13.0	9.9	14.9	

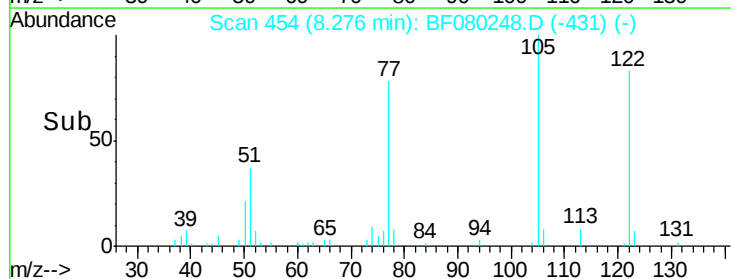
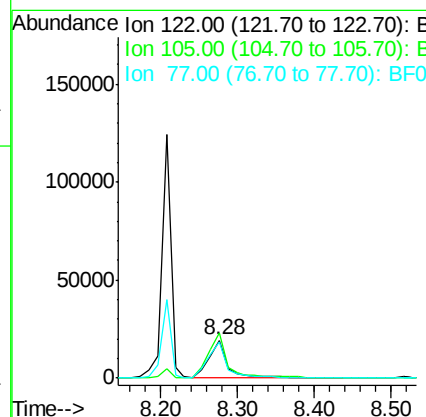
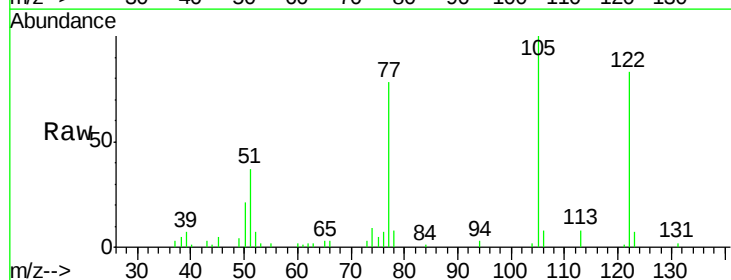
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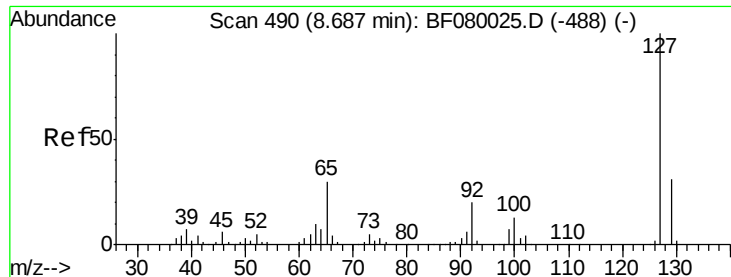
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#32
Benzoic acid
Concen: 24.46 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33178		
105	120.9	76.1	116.1#	
77	94.8	40.5	80.5#	





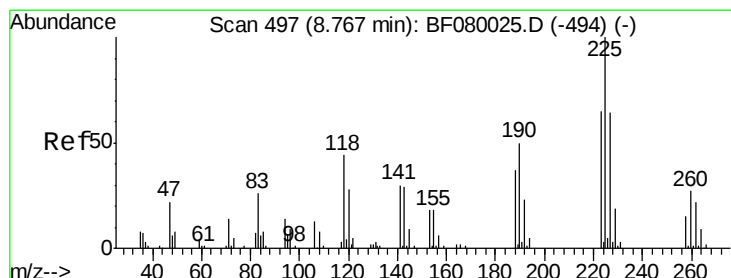
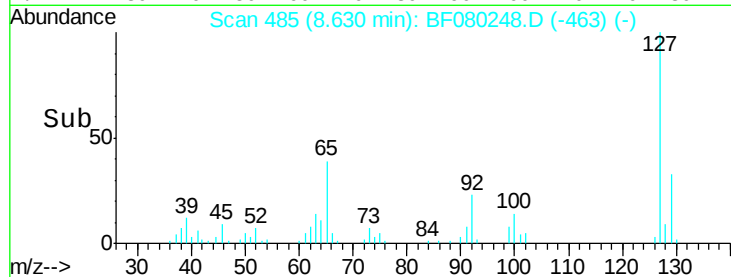
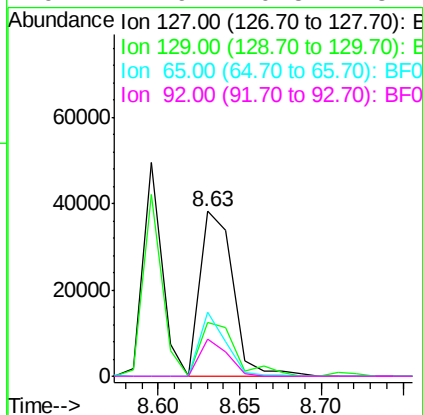
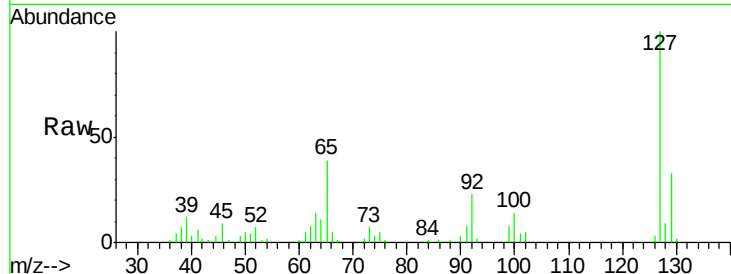
#33
 4-Chloroaniline
 Concen: 16.59 ng
 RT: 8.63 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion:	127	Resp:	53809
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.6
65	39.0	17.9	26.9#
92	22.9	10.5	15.7#

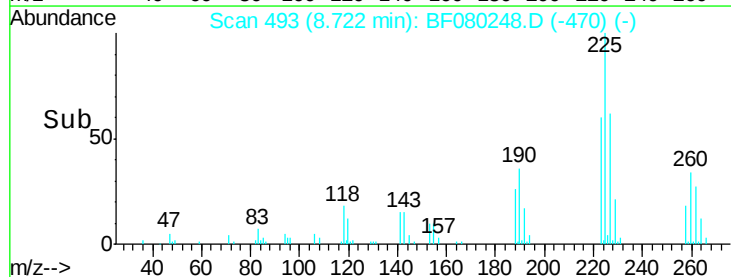
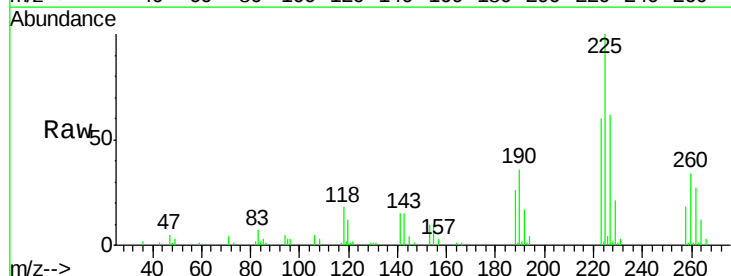
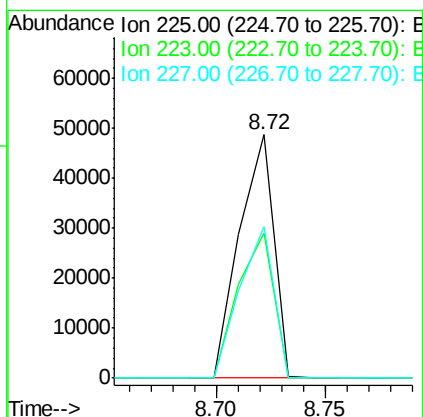
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#34
 Hexachlorobutadiene
 Concen: 39.73 ng
 RT: 8.72 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion:	225	Resp:	53365
Ion Ratio	Lower	Upper	
225	100		
223	59.7	50.2	75.2
227	62.1	52.2	78.2





#35

Caprolactam

Concen: 35.94 ng

RT: 8.97 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

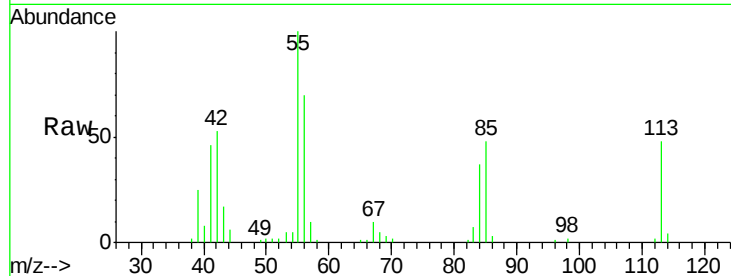
ClientSampleId :

SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.0	152.4	192.4#
56	147.1	104.6	144.6#

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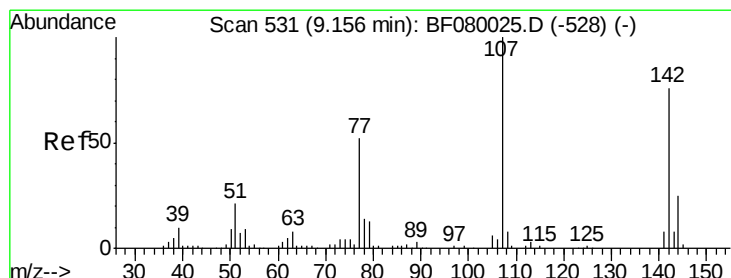
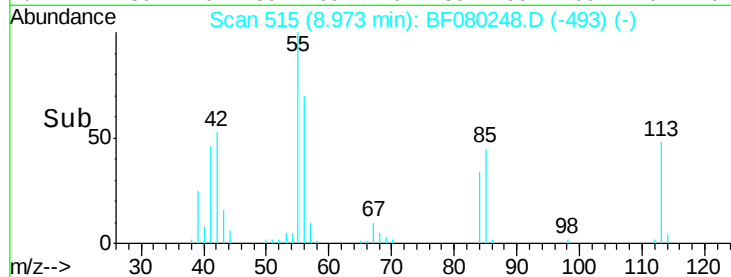
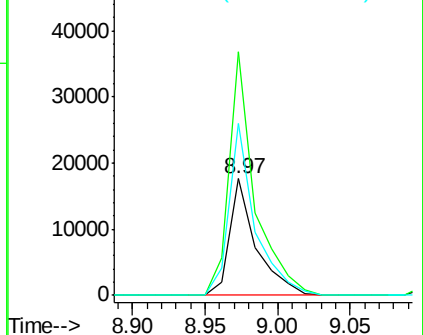
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.75 ng

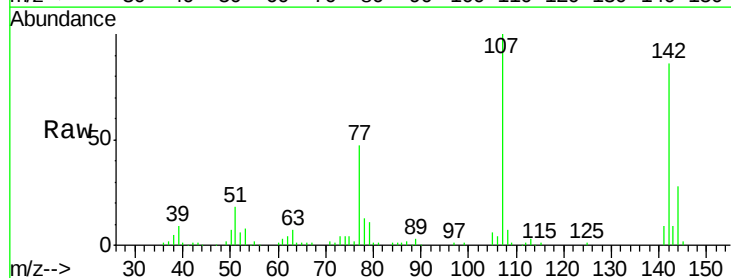
RT: 9.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

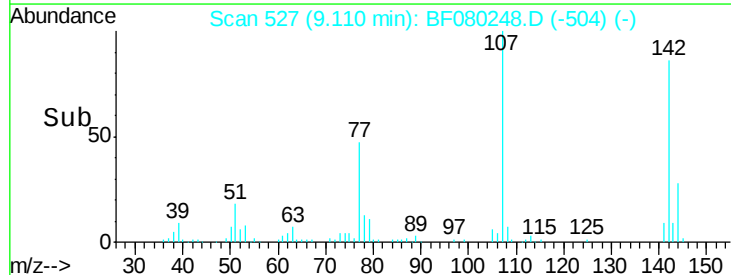
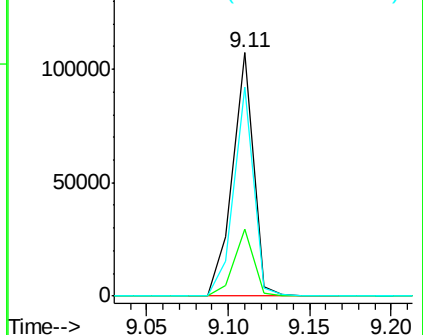
Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	25.4	38.0
142	86.1	77.3	115.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





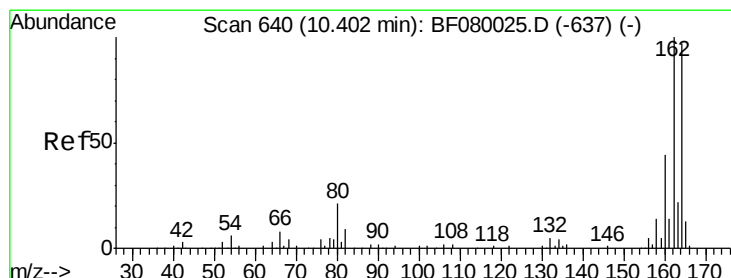
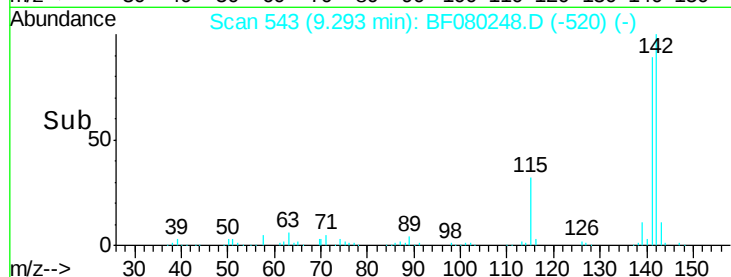
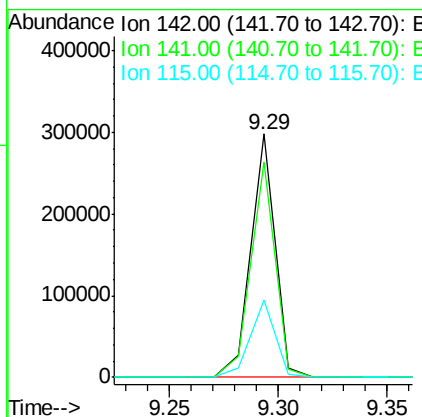
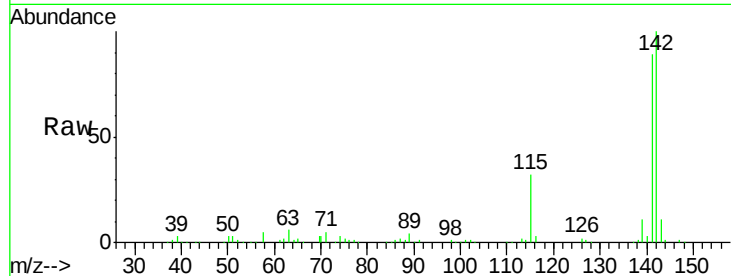
#37
2-Methylnaphthalene
Concen: 47.00 ng
RT: 9.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	230380		
141	88.5	67.5	101.3	
115	31.7	18.2	27.2#	

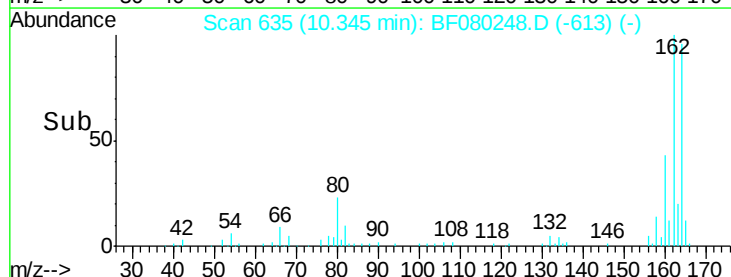
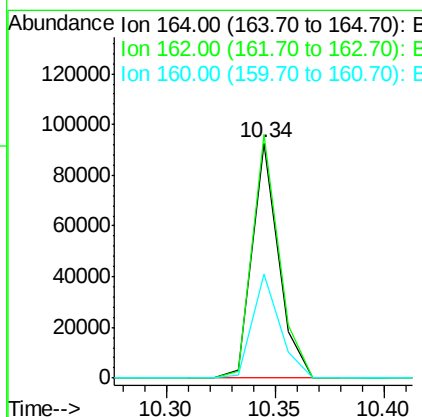
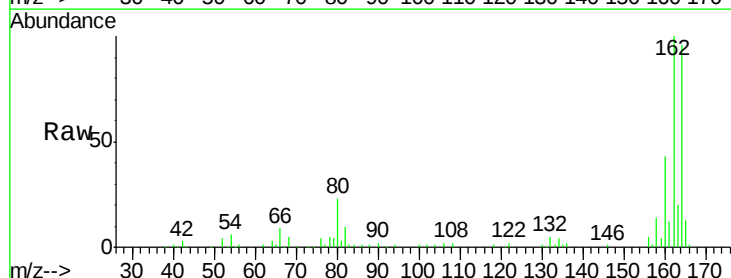
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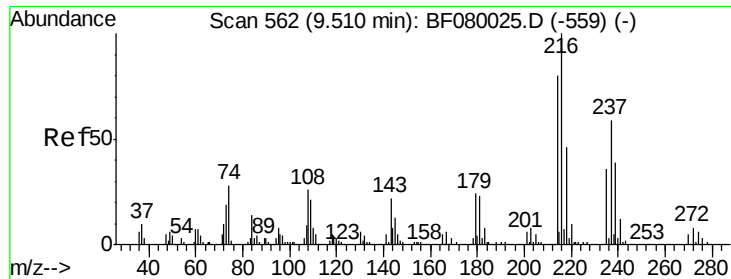
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.34 min Scan# 635
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78315		
162	103.6	75.2	112.8	
160	44.4	31.5	47.3	





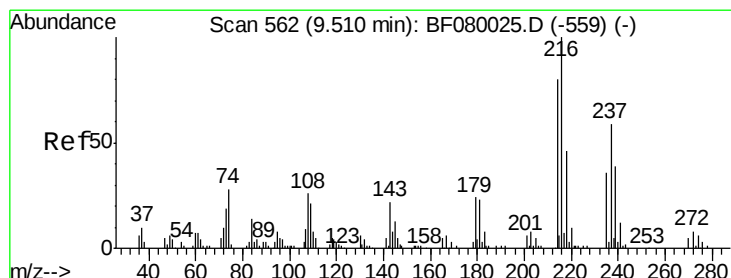
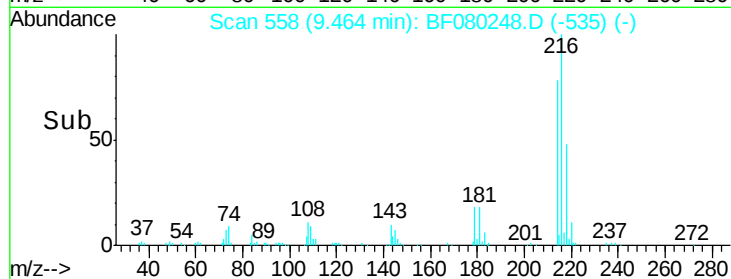
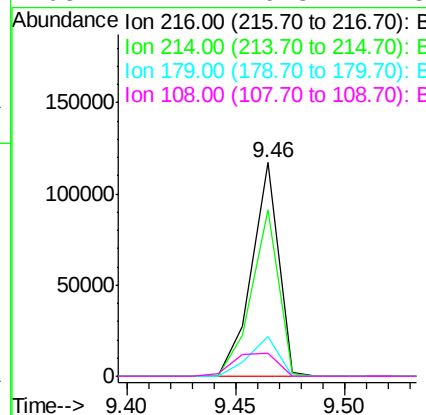
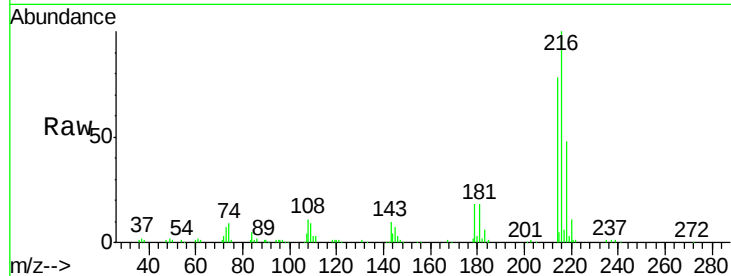
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.18 ng
 RT: 9.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	100689		
214	78.1	63.5	95.3	
179	19.7	16.6	24.8	
108	17.7	16.3	24.5	

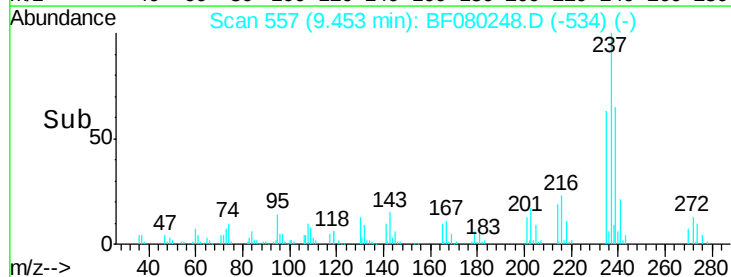
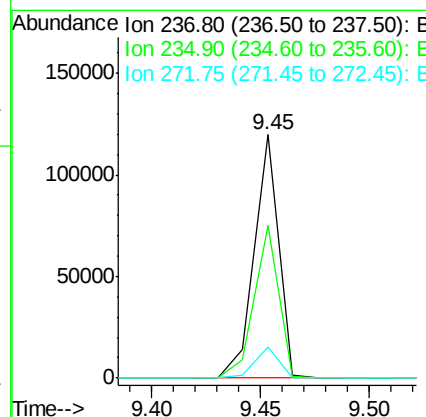
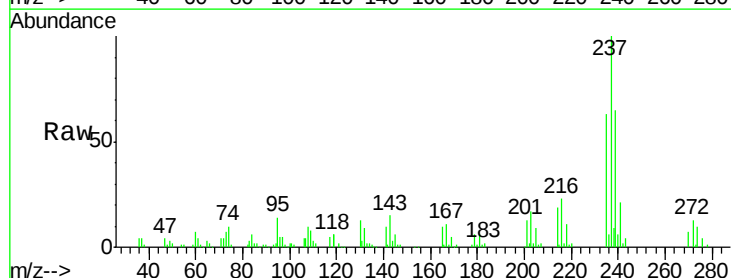
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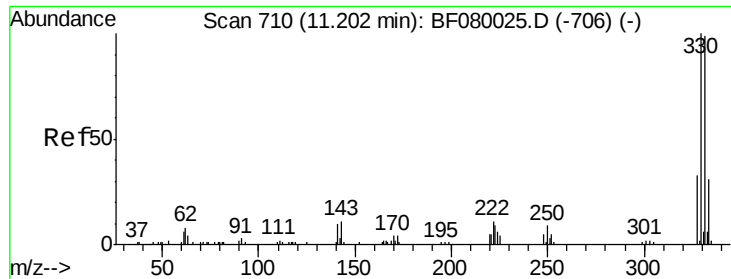
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#40
 Hexachlorocyclopentadiene
 Concen: 79.31 ng
 RT: 9.45 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	92935		
235	62.6	42.0	82.0	
272	12.6	0.0	36.1	





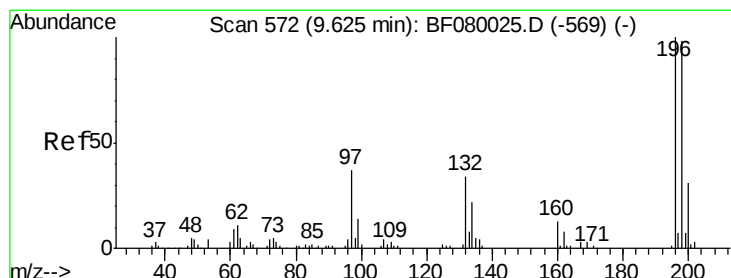
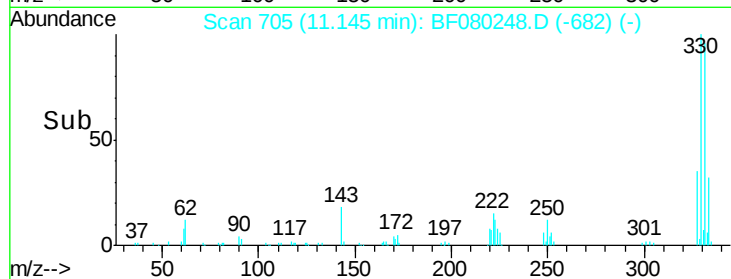
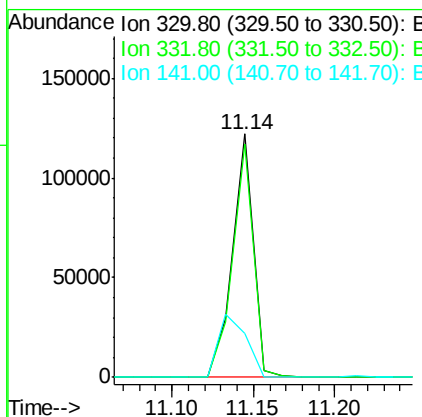
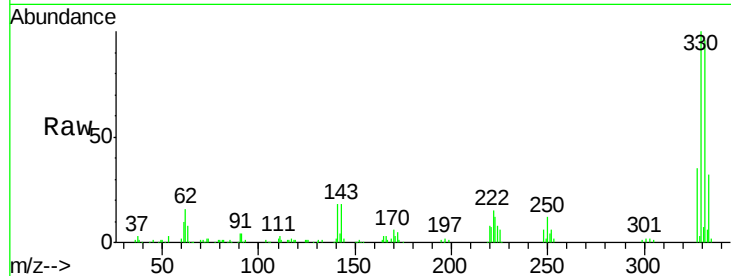
#41
 2,4,6-Tribromophenol
 Concen: 140.42 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	107530		
332	95.2	76.6	114.8	
141	34.8	29.7	44.5	

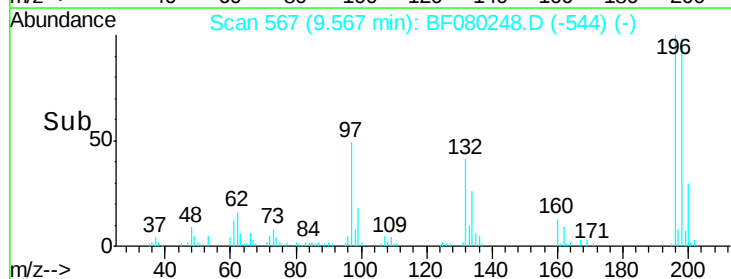
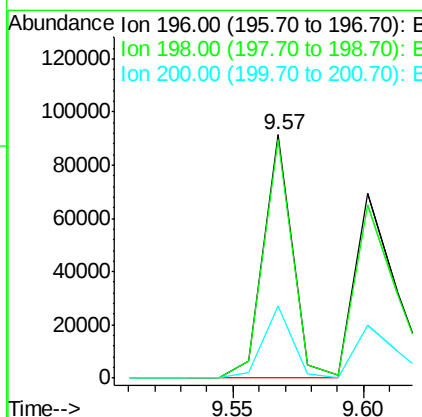
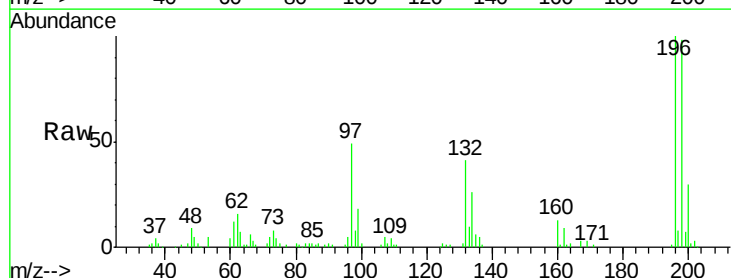
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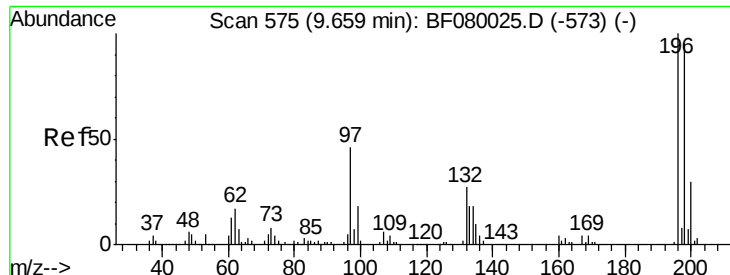
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#42
 2,4,6-Trichlorophenol
 Concen: 45.97 ng
 RT: 9.57 min Scan# 567
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71282		
198	97.7	75.7	113.5	
200	29.6	23.9	35.9	





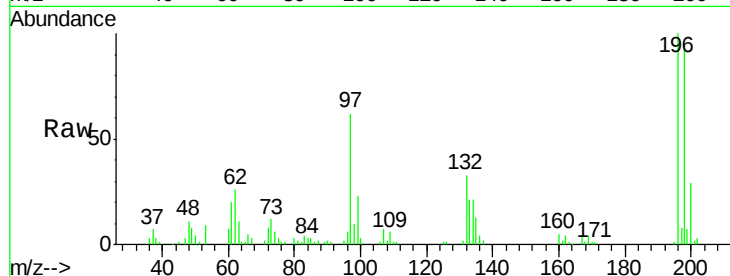
#43
 2,4,5-Trichlorophenol
 Concen: 40.24 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

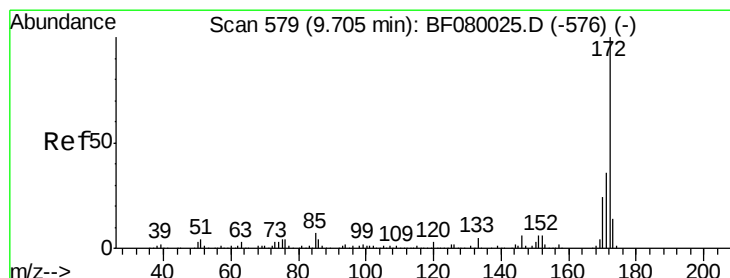
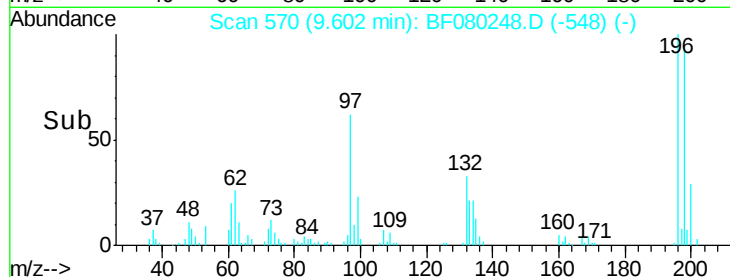
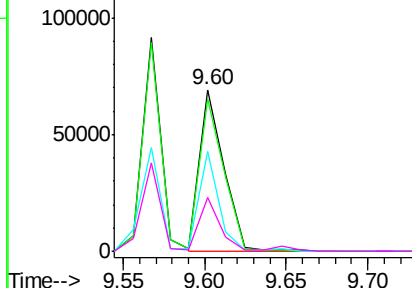
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71883		
198	94.1	75.4	113.0	
97	62.1	33.3	49.9	
132	33.0	24.6	37.0	

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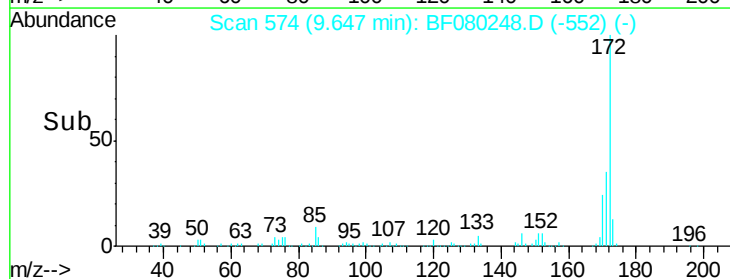
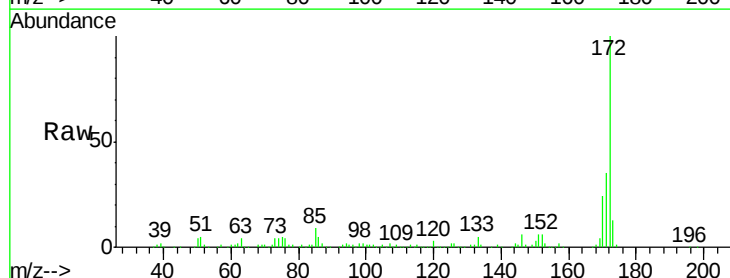
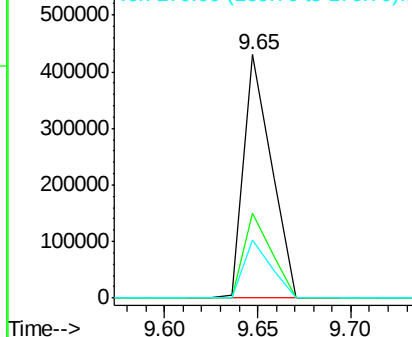
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	442867		
171	34.8	26.1	39.1	
170	23.8	17.4	26.2	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





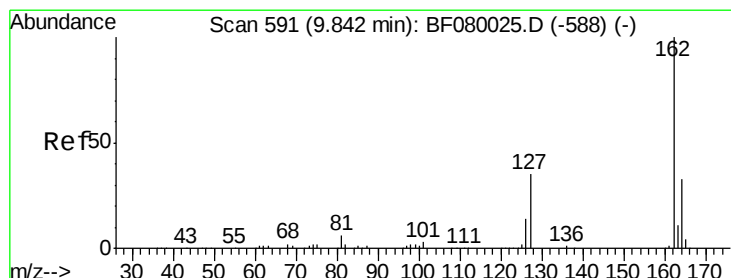
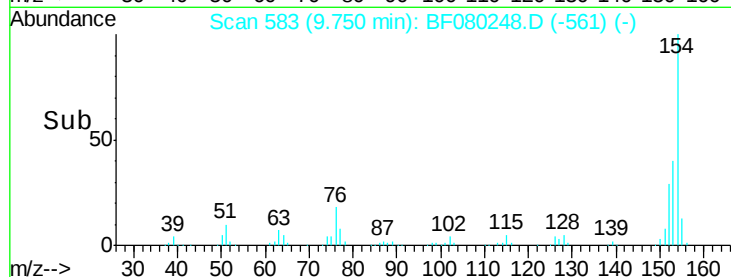
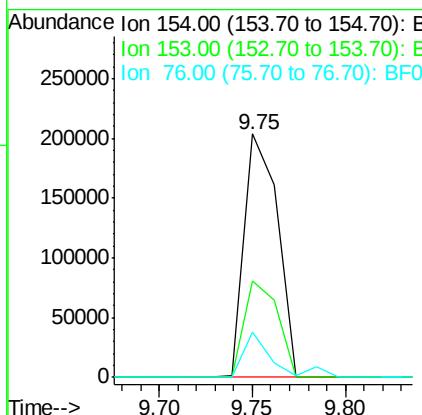
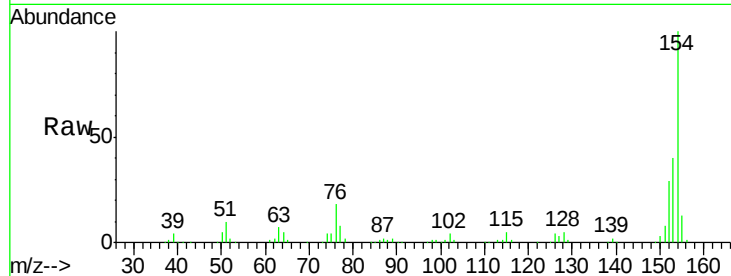
#45
 1,1'-Biphenyl
 Concen: 39.48 ng
 RT: 9.75 min Scan# 583
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.7	17.1	57.1
76	18.4	0.0	31.6

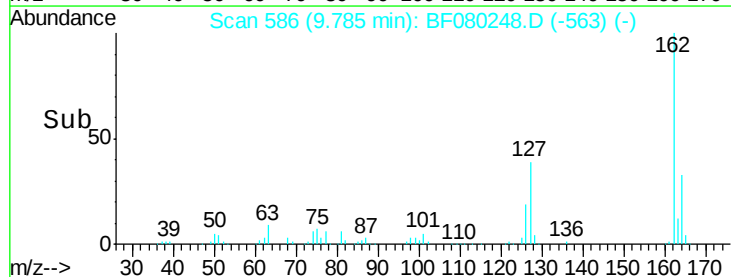
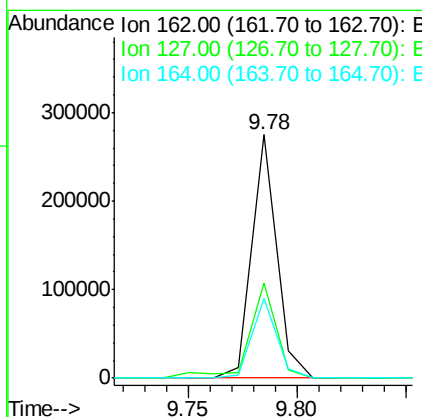
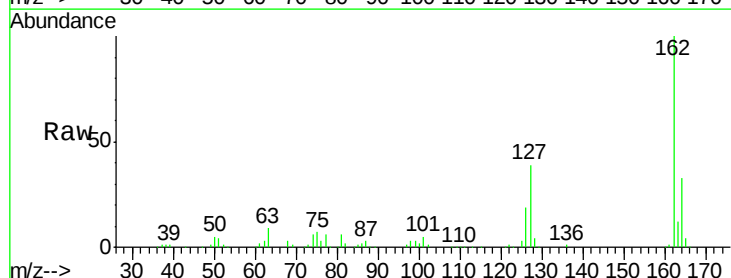
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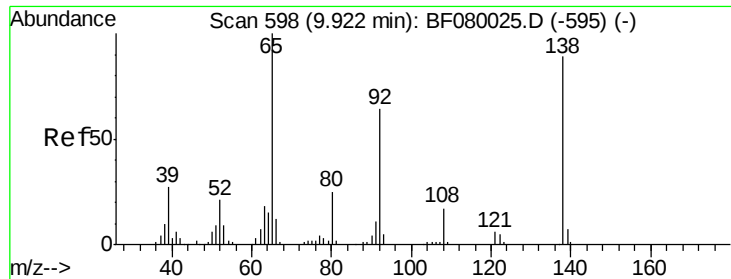
apatel
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#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 9.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.0	27.6	41.4
164	32.8	25.4	38.2





#47

2-Nitroaniline

Concen: 39.16 ng

RT: 9.86 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF080248.D

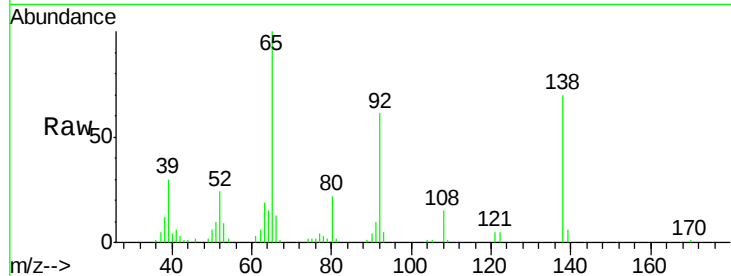
Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MSD



Tgt Ion: 65 Resp: 55576

Ion Ratio Lower Upper

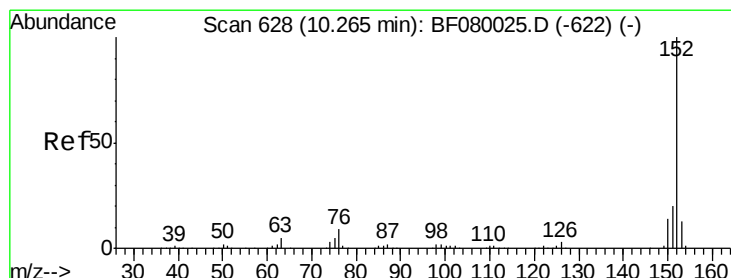
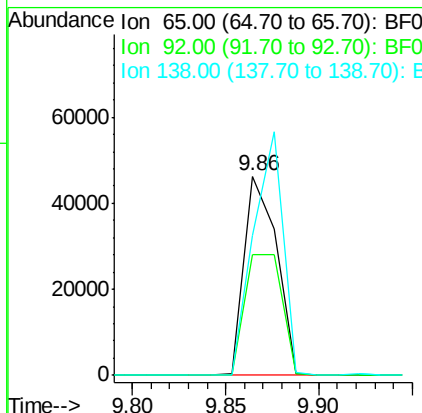
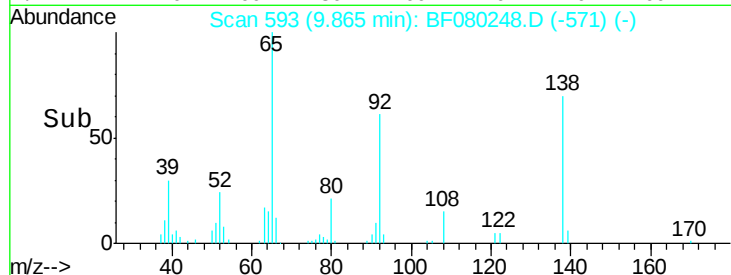
65 100

92 60.9 55.4 83.0

138 70.2 115.5 173.3#

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#48

Acenaphthylene

Concen: 42.64 ng

RT: 10.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

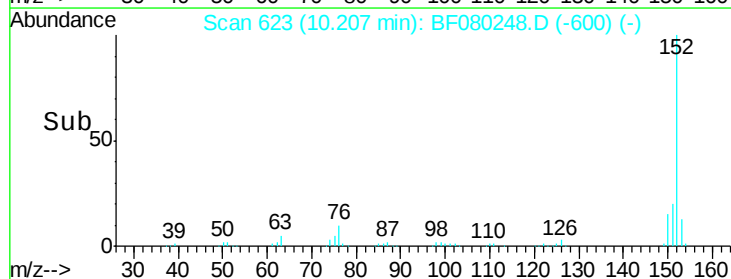
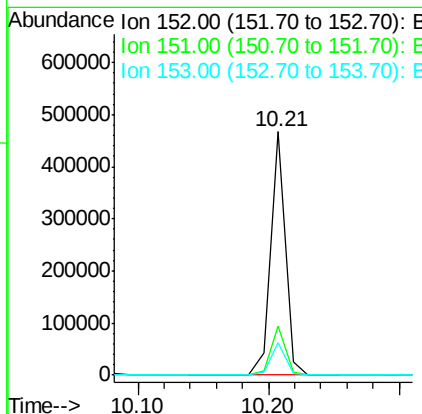
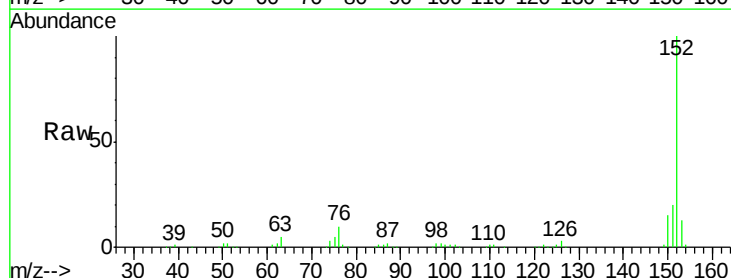
Tgt Ion: 152 Resp: 367984

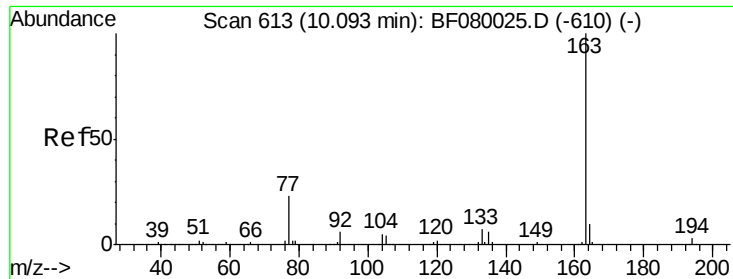
Ion Ratio Lower Upper

152 100

151 20.3 14.6 22.0

153 13.4 10.3 15.5





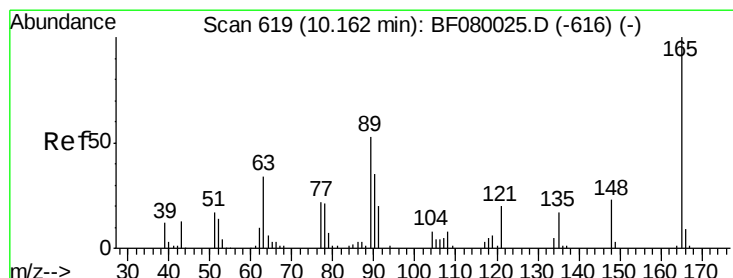
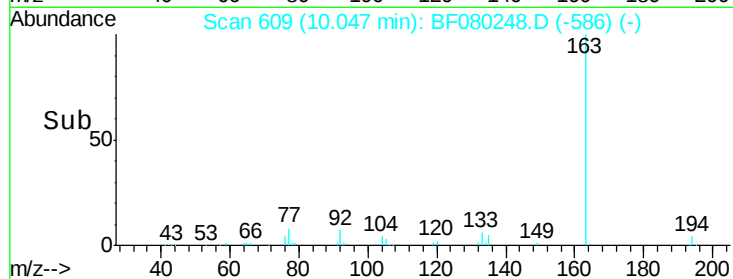
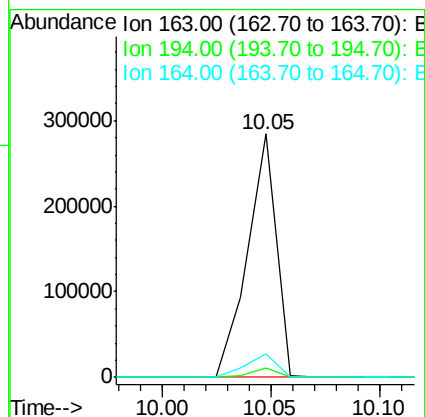
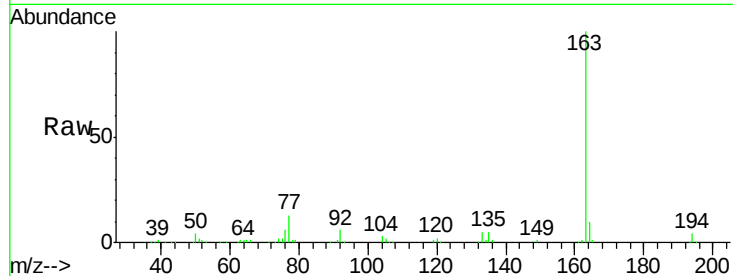
#49
Dimethylphthalate
Concen: 44.20 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	4.4	6.6#
164	9.6	8.3	12.5

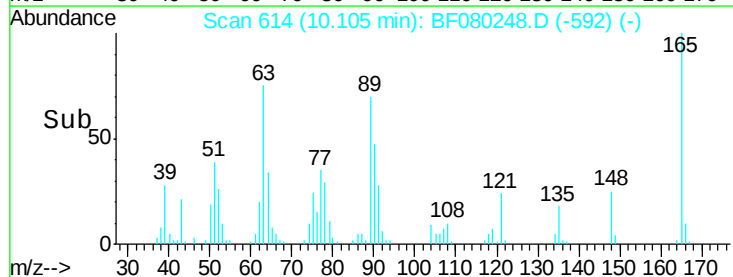
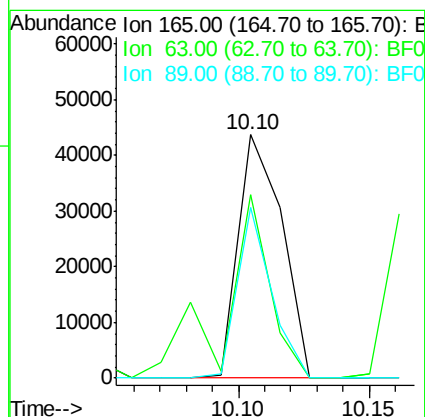
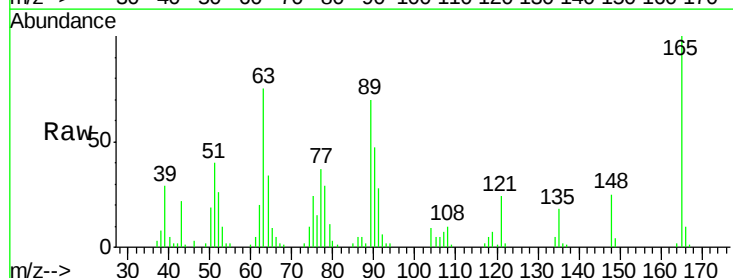
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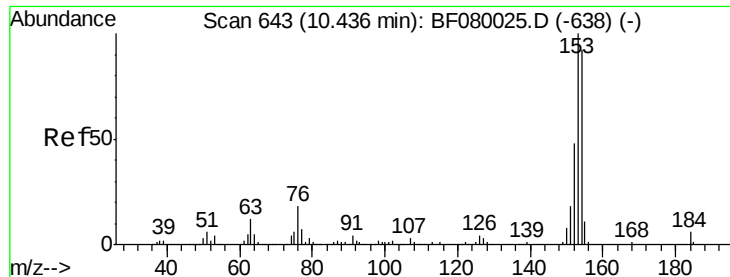
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#50
2,6-Dinitrotoluene
Concen: 43.46 ng
RT: 10.10 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.1	32.3	48.5#
89	70.3	28.6	43.0#





#51

Acenaphthene

Concen: 44.10 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

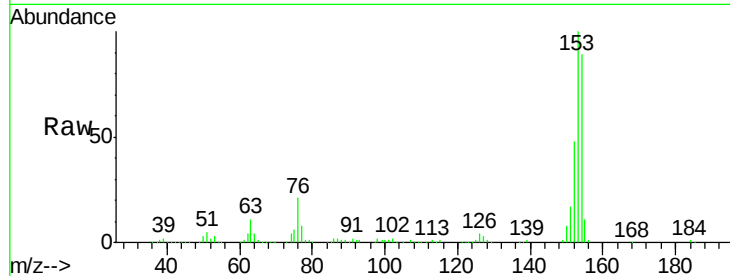
ClientSampleId :

SP-1(0-2)MSD

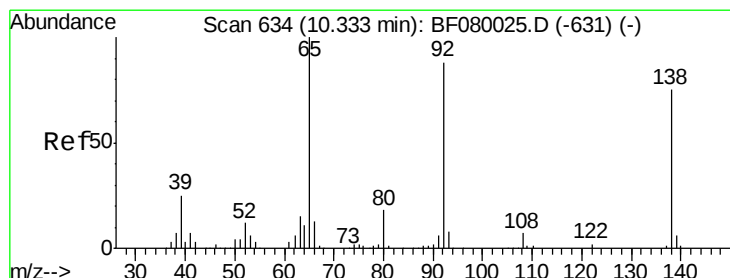
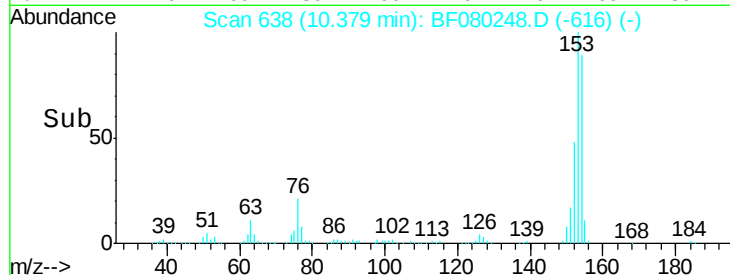
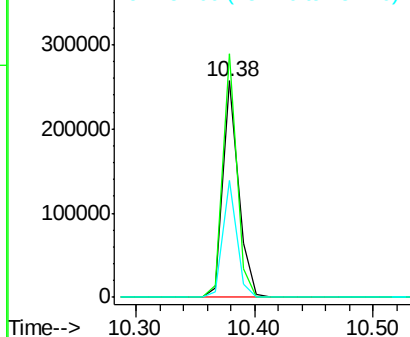
Tgt Ion:	154	Resp:	232799
Ion Ratio	Lower	Upper	
154	100		
153	112.4	82.1	123.1
152	54.1	37.9	56.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.79 ng

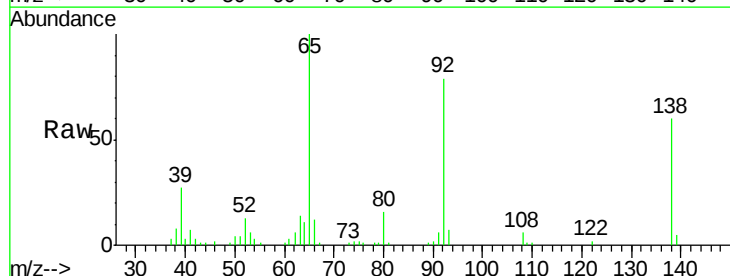
RT: 10.28 min Scan# 629

Delta R.T. -0.05 min

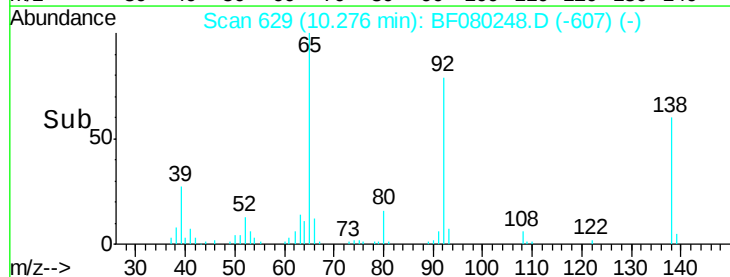
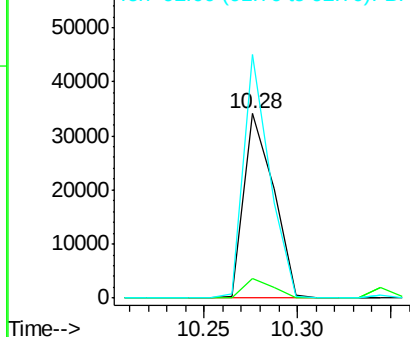
Lab File: BF080248.D

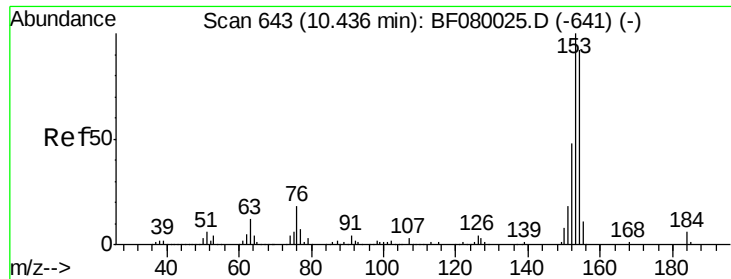
Acq: 30 Jun 2015 20:57

Tgt Ion:	138	Resp:	37843
Ion Ratio	Lower	Upper	
138	100		
108	10.4	5.7	8.5#
92	132.1	67.7	101.5#



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





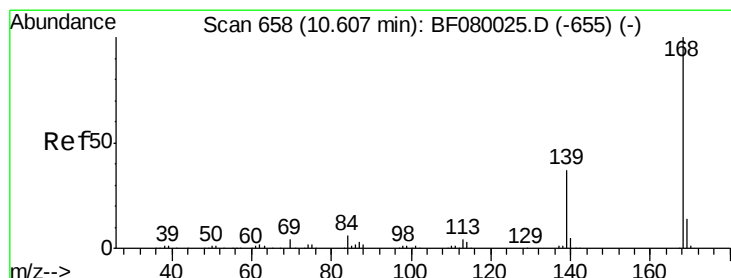
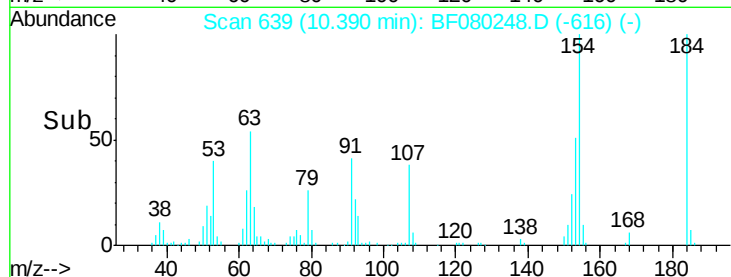
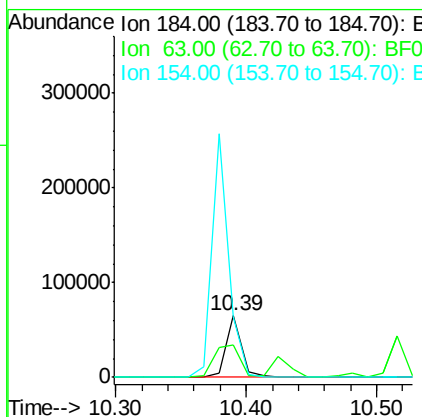
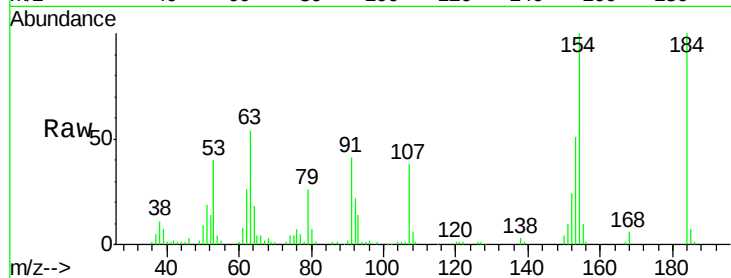
#53
2,4-Dinitrophenol
Concen: 109.66 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	53806		
63	53.8	35.4	53.2#	
154	99.5	32.2	48.4#	

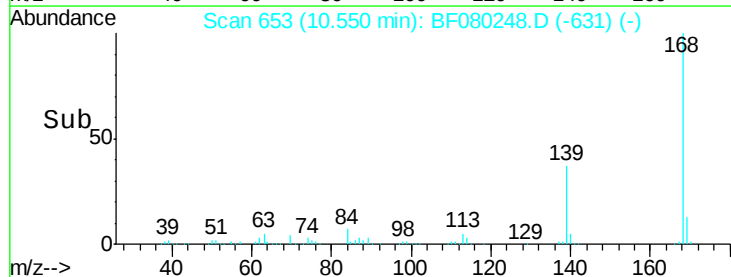
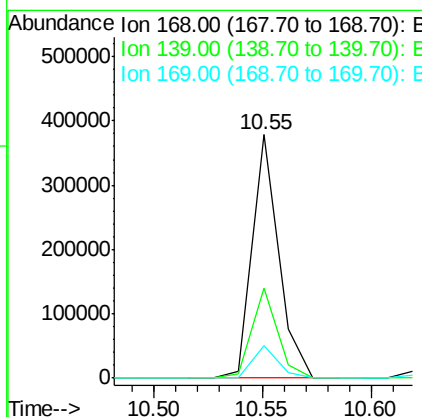
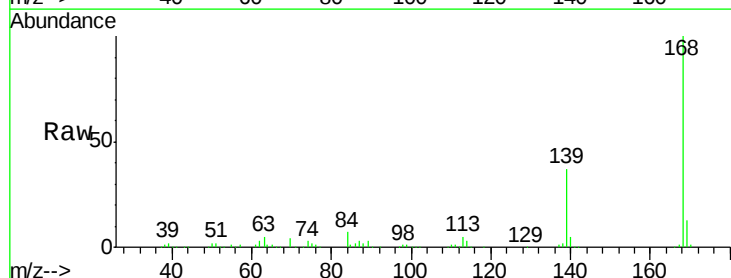
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#54
Dibenzofuran
Concen: 42.63 ng
RT: 10.55 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	319329		
139	37.2	24.2	36.2#	
169	13.4	10.6	15.8	





#55

4-Nitrophenol

Concen: 70.80 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

ClientSampleId :

SP-1(0-2)MSD

Tgt Ion:139 Resp: 77067
Ion Ratio Lower Upper

139 100

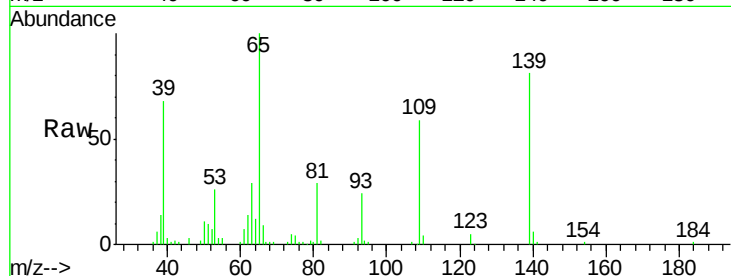
109 72.7 12.7 52.7#

65 124.0 45.9 85.9#

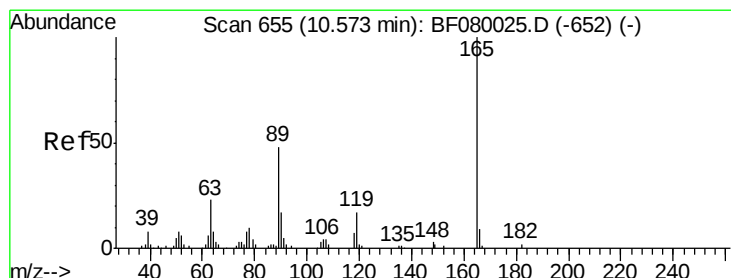
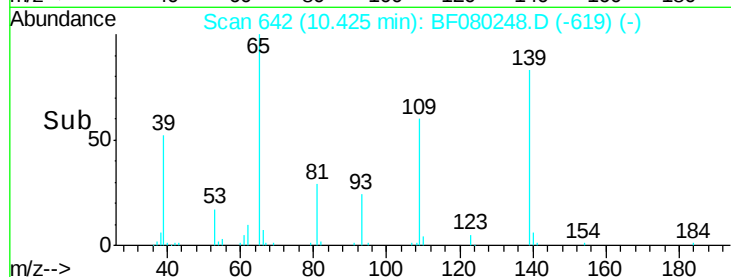
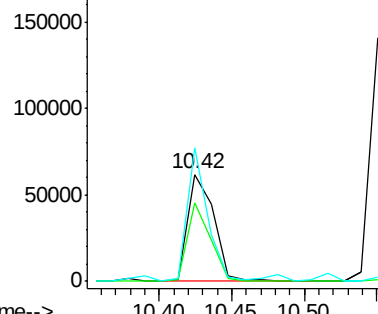
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.41 ng

RT: 10.52 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:165 Resp: 77006
Ion Ratio Lower Upper

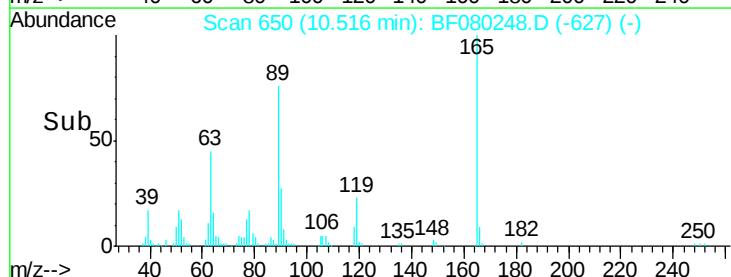
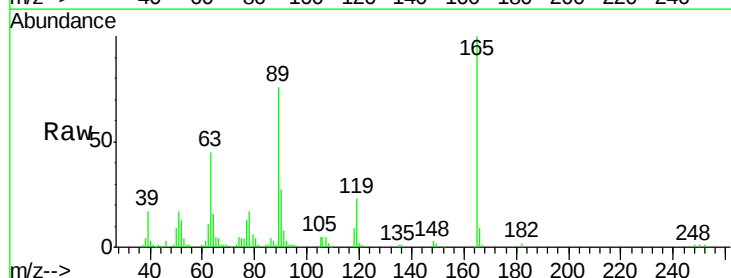
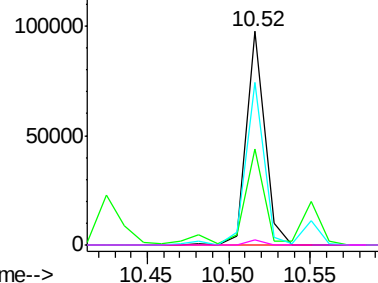
165 100

63 45.2 29.8 44.6#

89 76.1 44.5 66.7#

182 2.3 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.25 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

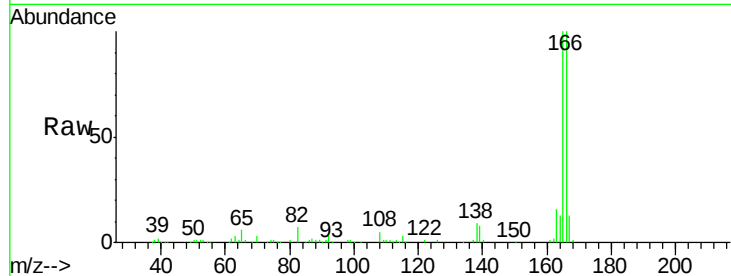
ClientSampleId :

SP-1(0-2)MSD

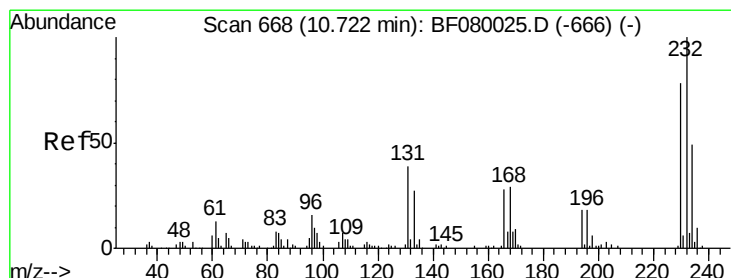
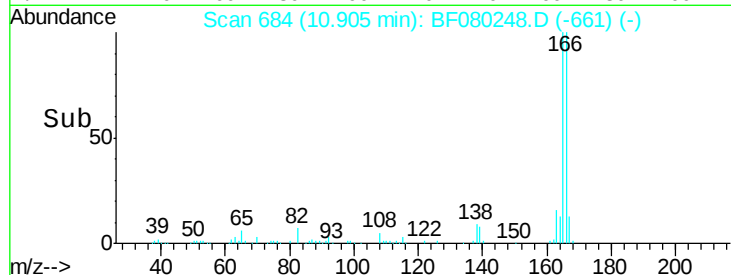
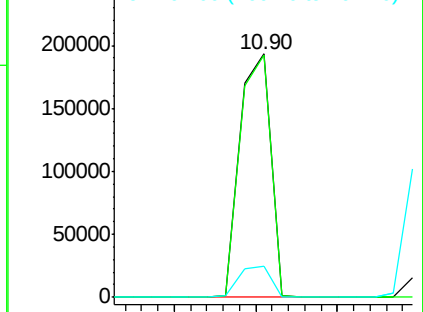
Tgt Ion:	166	Resp:	251121
Ion Ratio	Lower	Upper	
166	100		
165	99.6	72.6	109.0
167	13.0	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.18 ng

RT: 10.66 min Scan# 663

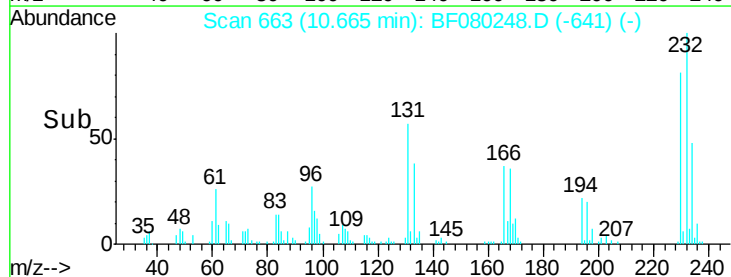
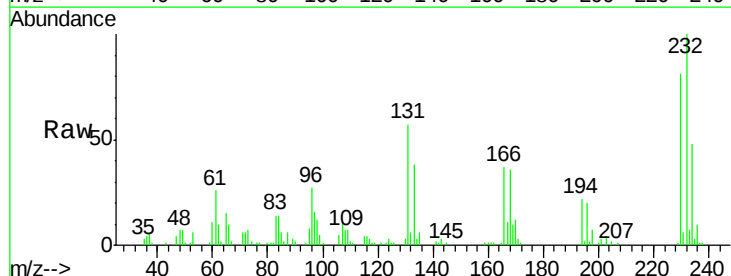
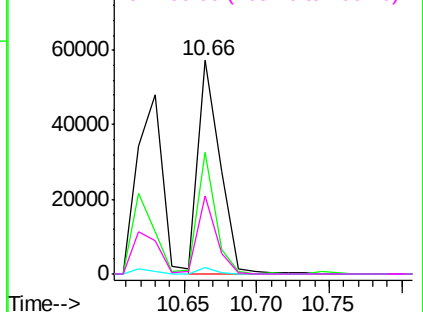
Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	232	Resp:	60597
Ion Ratio	Lower	Upper	
232	100		
131	46.6	38.5	57.7
130	2.4	1.8	2.6
166	31.1	25.0	37.6

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: 41.13 ng

RT: 10.74 min Scan# 670

Delta R.T. -0.05 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

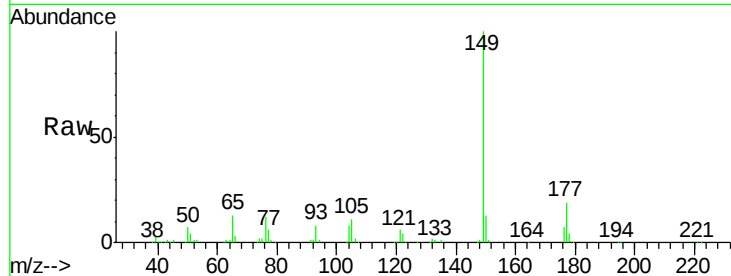
ClientSampleId :

SP-1(0-2)MSD

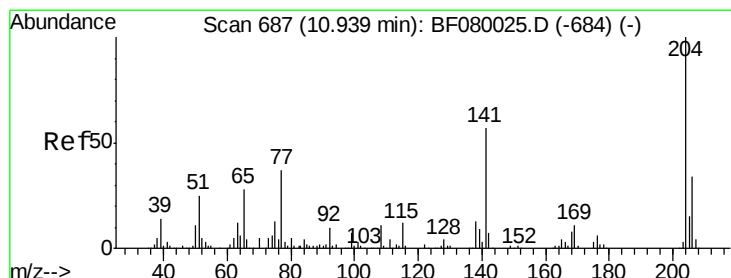
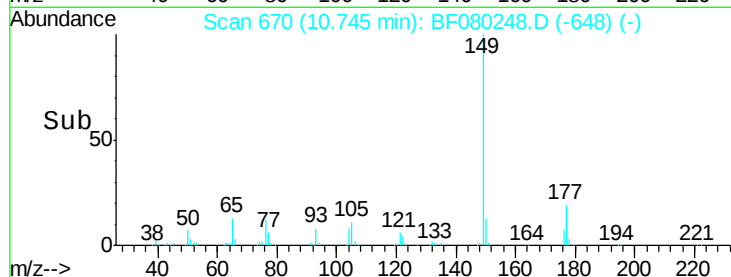
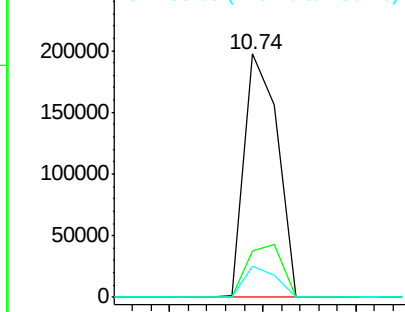
Tgt Ion:	149	Resp:	243835
Ion Ratio	Lower	Upper	
149	100		
177	19.2	17.5	26.3
150	12.9	9.4	14.2

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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: 44.33 ng

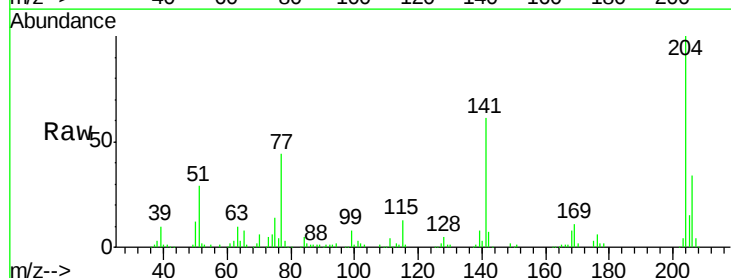
RT: 10.88 min Scan# 682

Delta R.T. -0.05 min

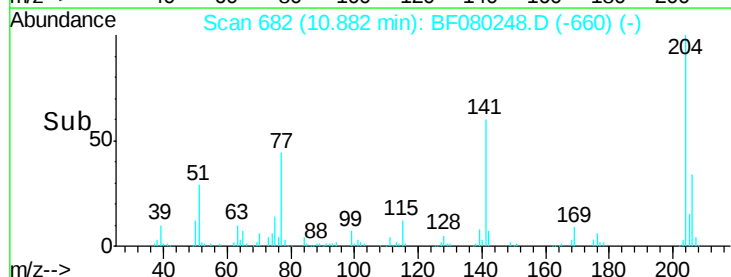
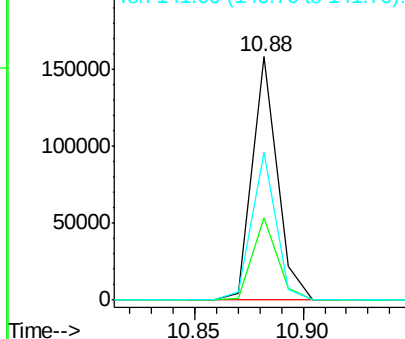
Lab File: BF080248.D

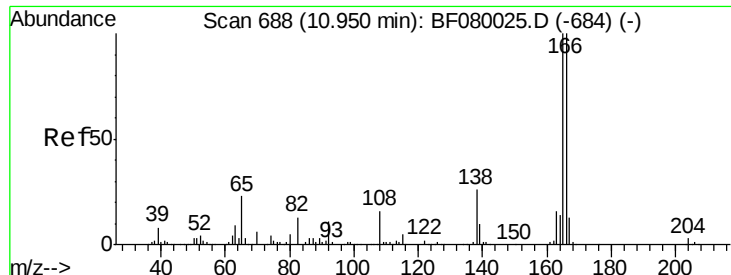
Acq: 30 Jun 2015 20:57

Tgt Ion:	204	Resp:	126611
Ion Ratio	Lower	Upper	
204	100		
206	34.0	24.8	37.2
141	60.6	42.2	63.4



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





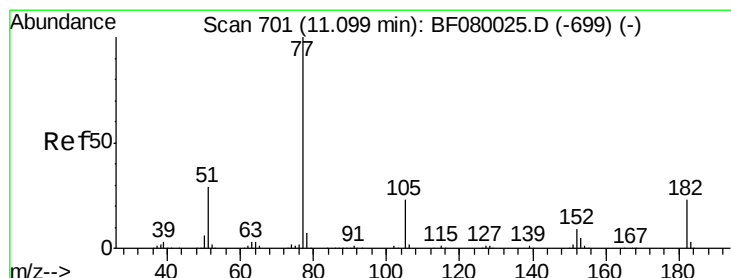
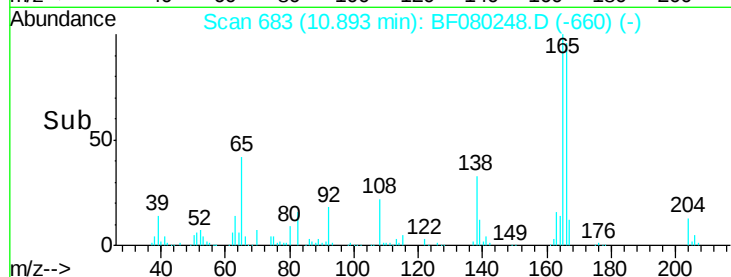
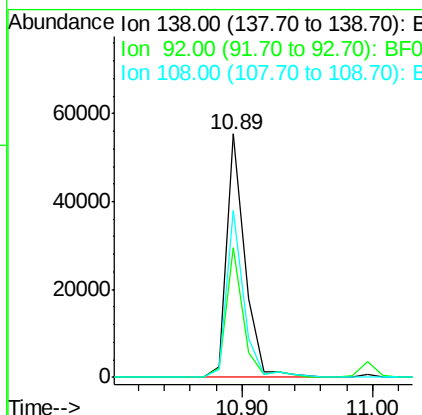
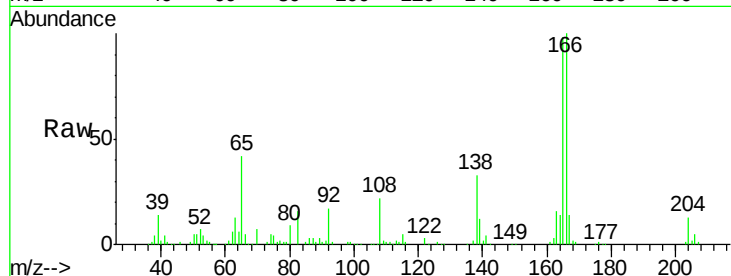
#61
4-Nitroaniline
Concen: 38.49 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	54130		
92	53.5	12.6	52.6#	
108	68.4	12.4	52.4#	

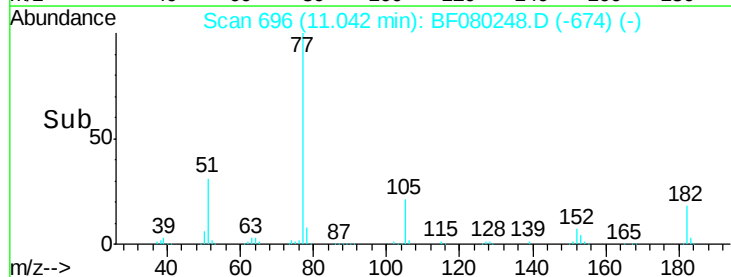
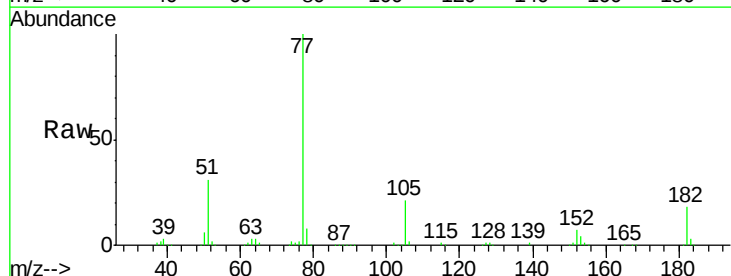
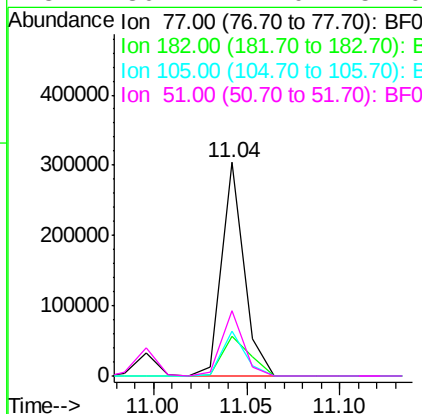
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#62
Azobenzene
Concen: 42.09 ng
RT: 11.04 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	254040		
182	18.4	15.1	55.1	
105	21.0	3.4	43.4	
51	30.7	12.0	52.0	





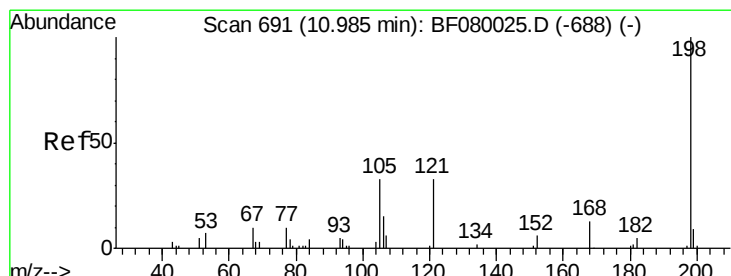
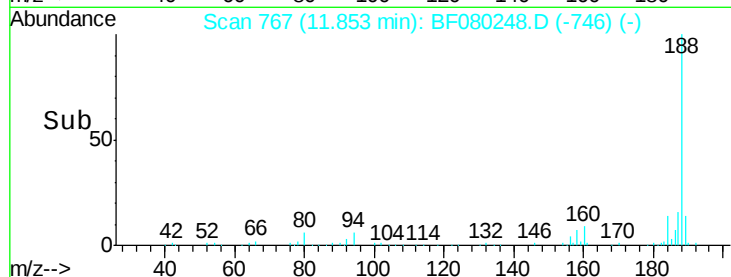
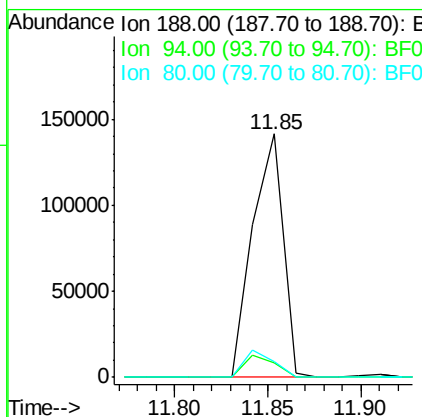
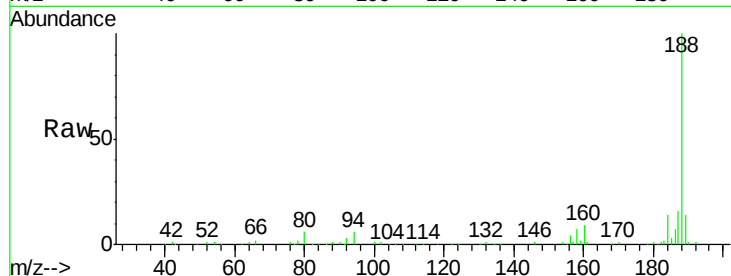
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	11.1	16.7#
80	6.3	11.0	16.4#

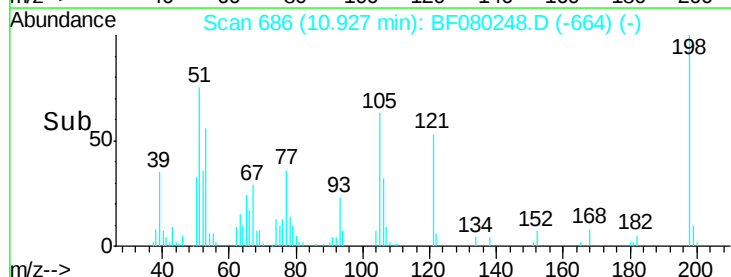
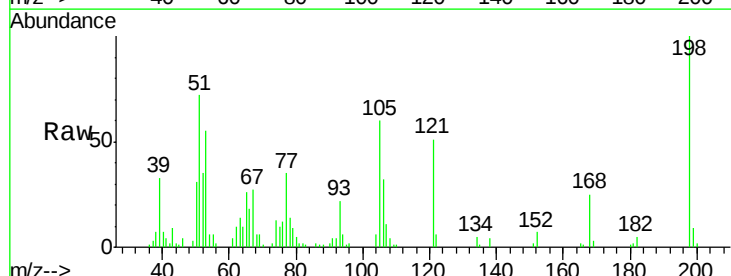
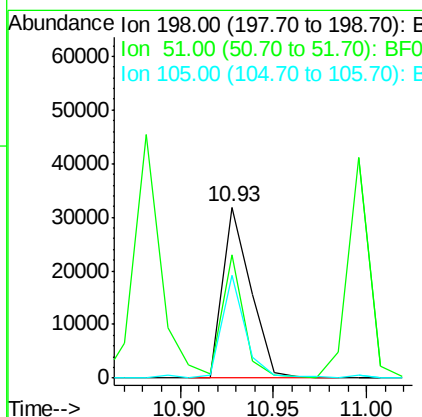
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.14 ng
 RT: 10.93 min Scan# 686
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	72.1	39.6	79.6
105	60.0	28.5	68.5





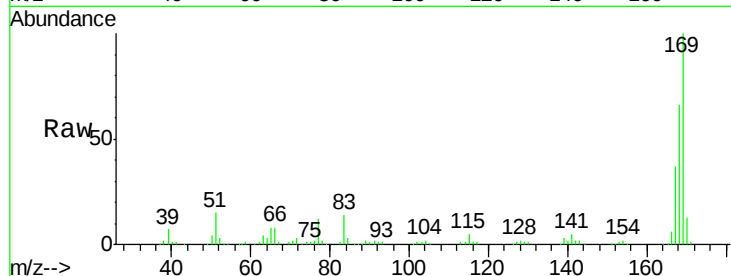
#65
 n-Nitrosodiphenylamine
 Concen: 42.86 ng
 RT: 11.00 min Scan# 692
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

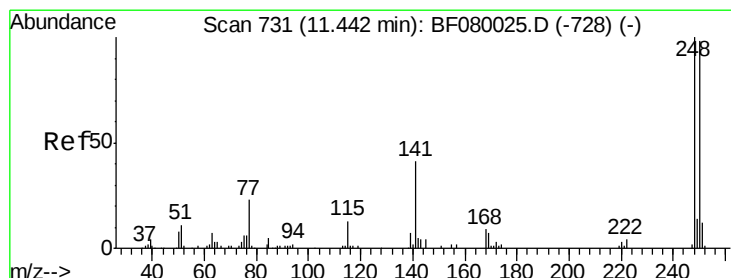
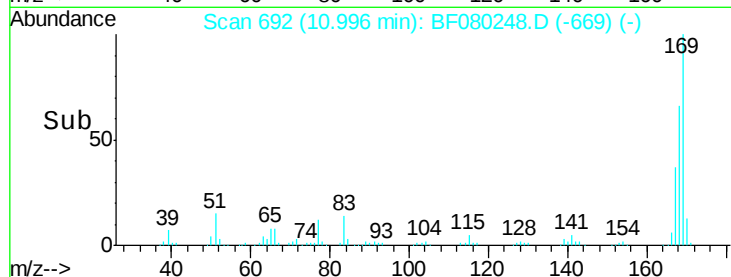
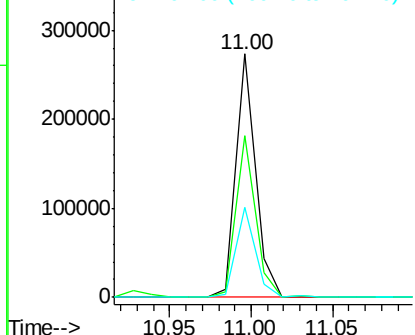
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	224102		
168	66.4	48.9	73.3	
167	37.1	26.2	39.4	

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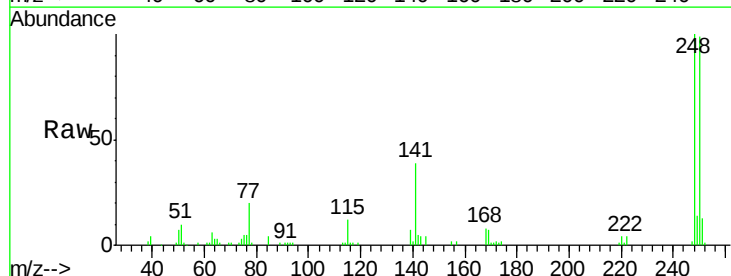


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

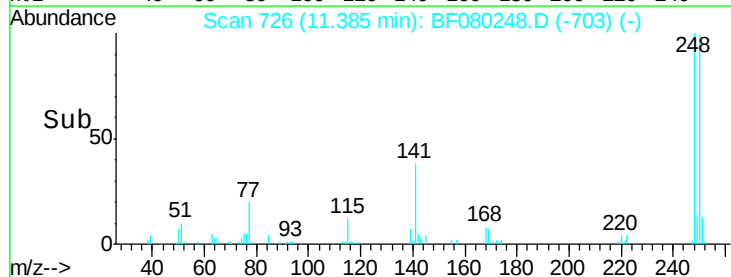
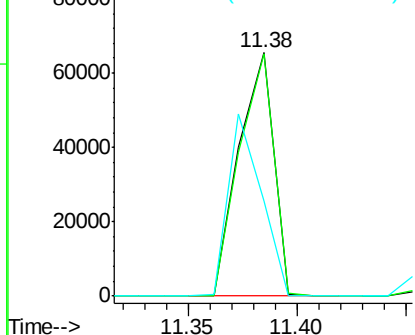


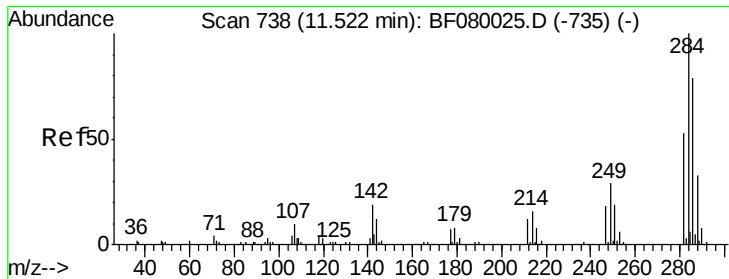
#66
 4-Bromophenyl-phenylether
 Concen: 42.60 ng
 RT: 11.38 min Scan# 726
 Delta R.T. -0.03 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	72741		
250	99.3	78.5	117.7	
141	38.9	59.0	88.6	



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





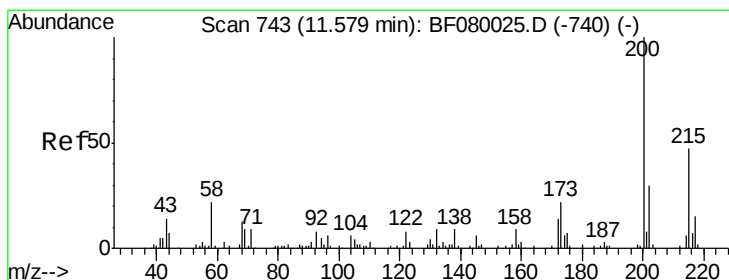
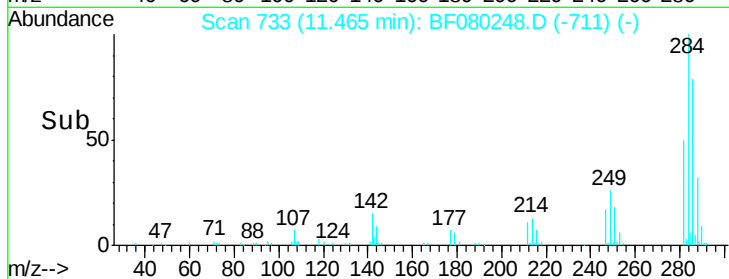
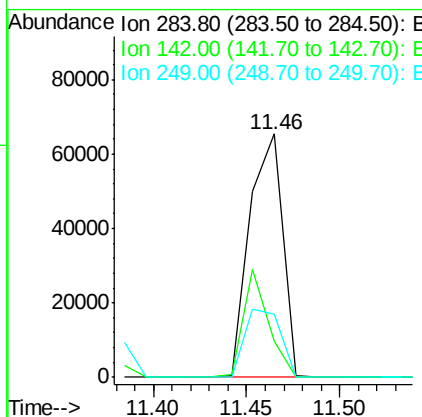
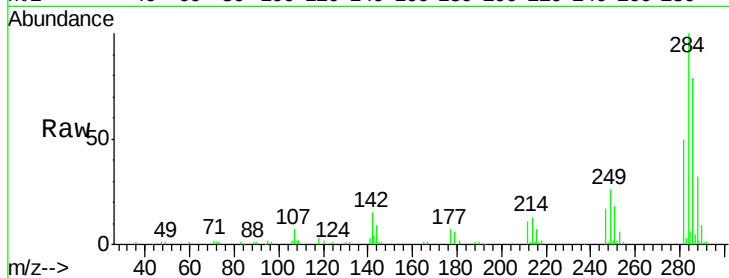
#67
Hexachlorobenzene
Concen: 41.97 ng
RT: 11.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	79640		
142	14.8	29.5	44.3#	
249	26.1	19.5	29.3	

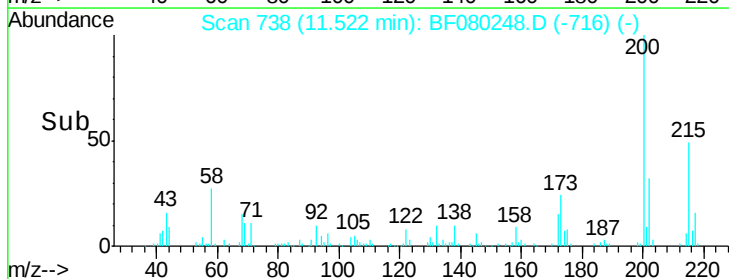
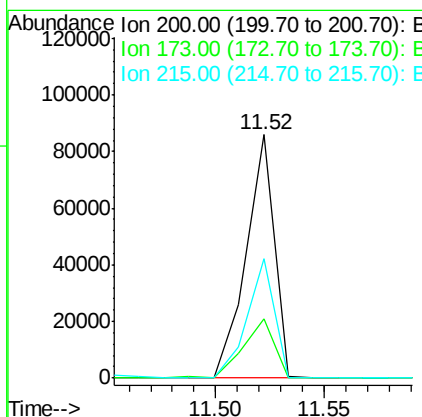
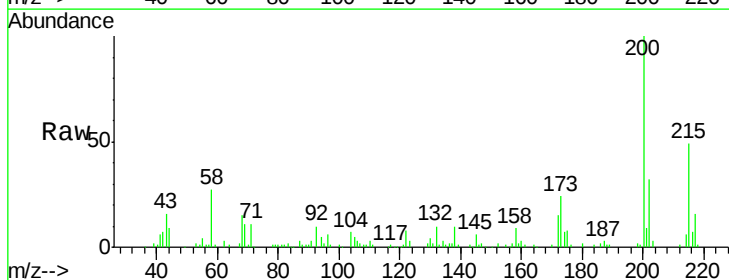
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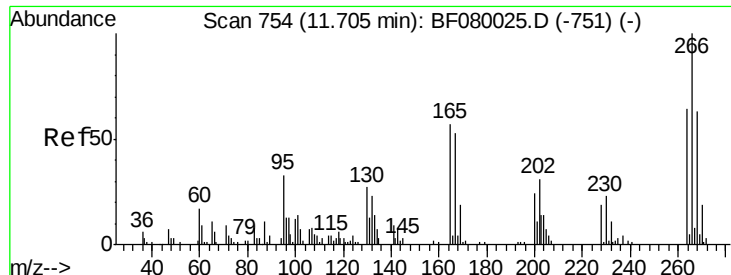
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#68
Atrazine
Concen: 46.71 ng
RT: 11.52 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	77162		
173	24.2	13.2	53.2	
215	49.1	41.8	81.8	





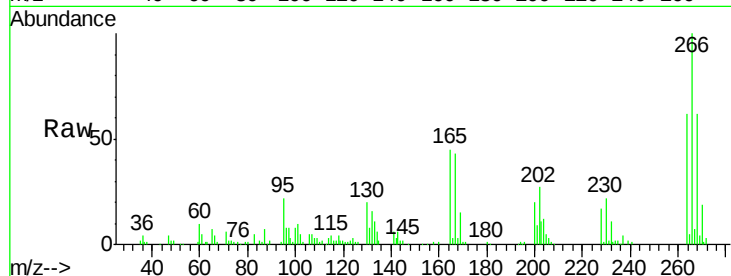
#69
 Pentachlorophenol
 Concen: 81.50 ng
 RT: 11.65 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

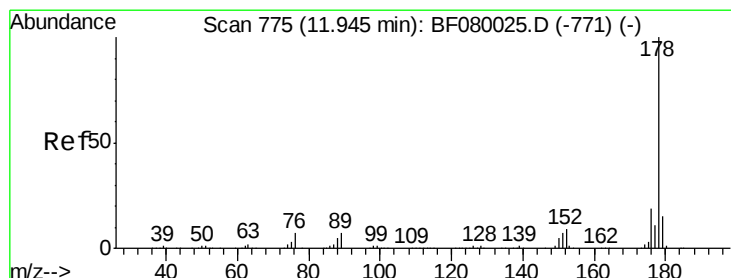
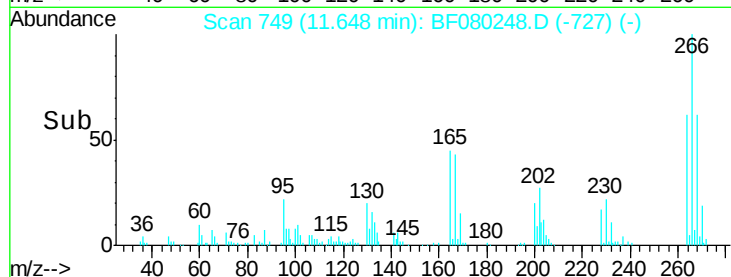
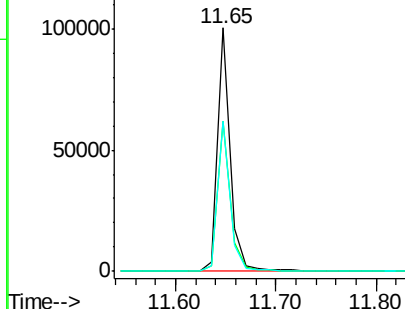
Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.6
264	61.6	50.2	75.2

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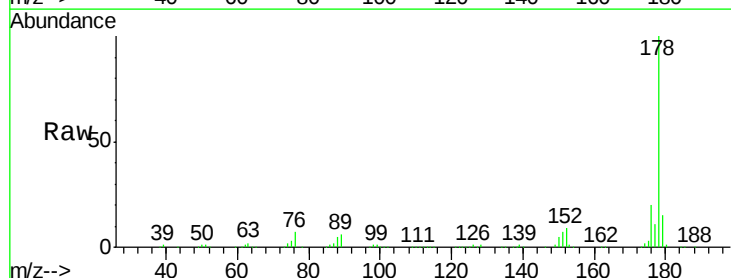


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

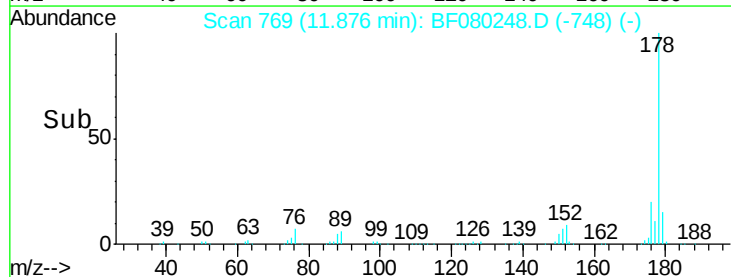
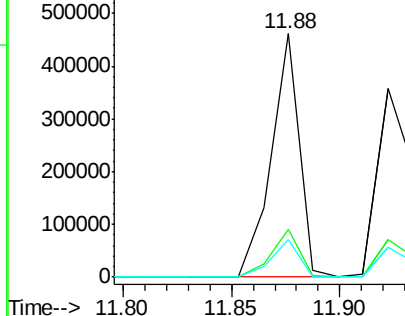


#70
 Phenanthrene
 Concen: 42.92 ng
 RT: 11.88 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.5	12.2	18.2



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





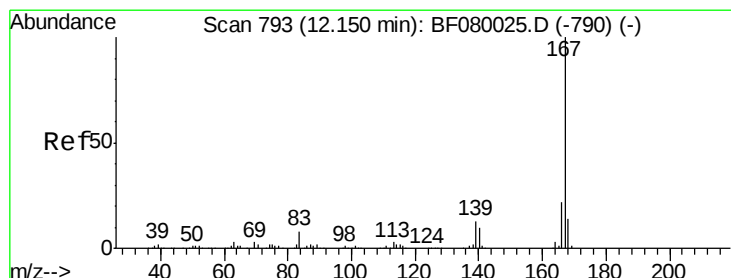
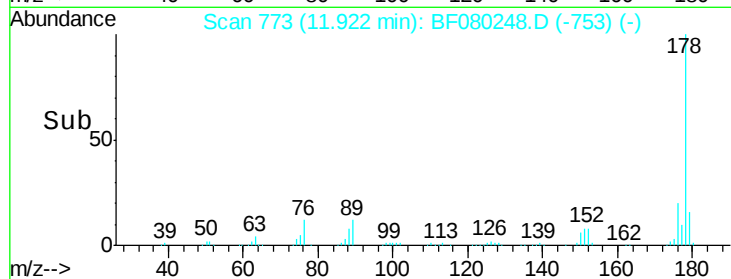
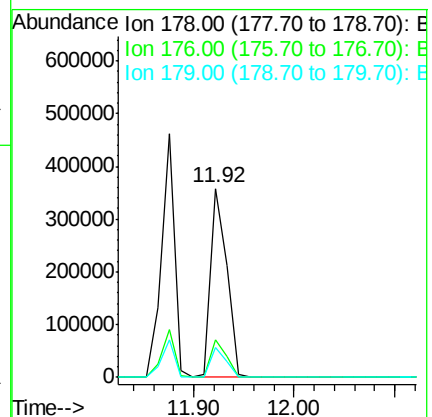
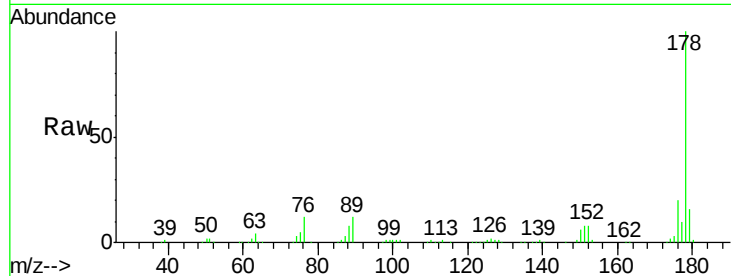
#71
 Anthracene
 Concen: 42.94 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.07 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.1	21.1
179	16.1	12.2	18.2

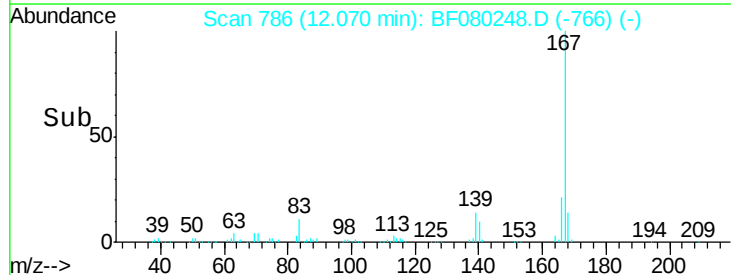
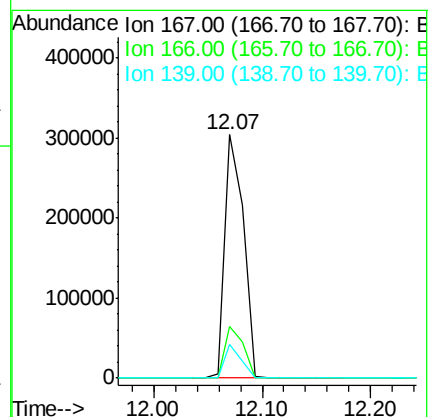
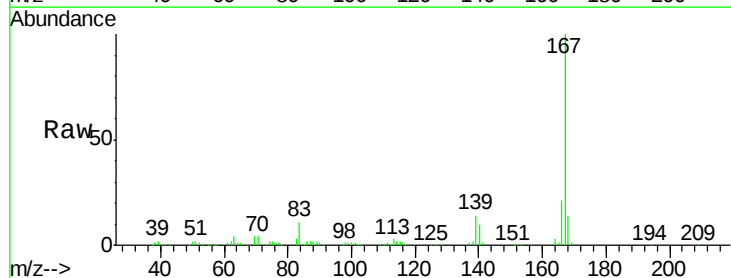
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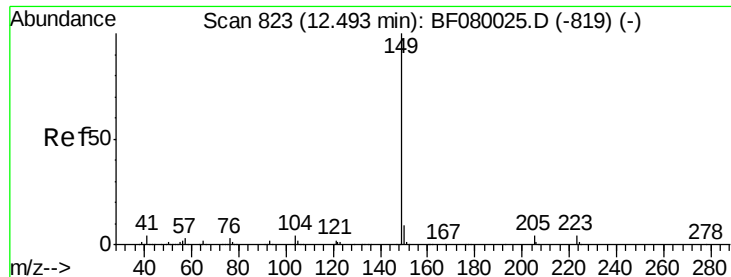
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#72
 Carbazole
 Concen: 40.69 ng
 RT: 12.07 min Scan# 786
 Delta R.T. -0.07 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 44.85 ng

RT: 12.40 min Scan# 815

Delta R.T. -0.08 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

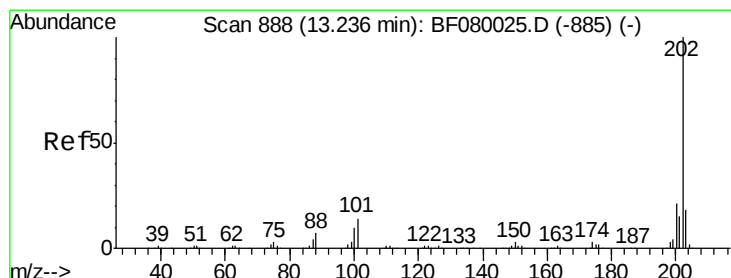
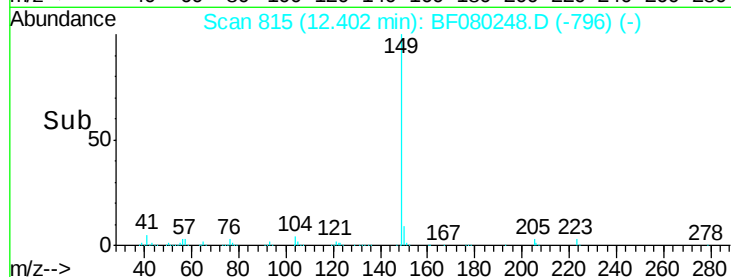
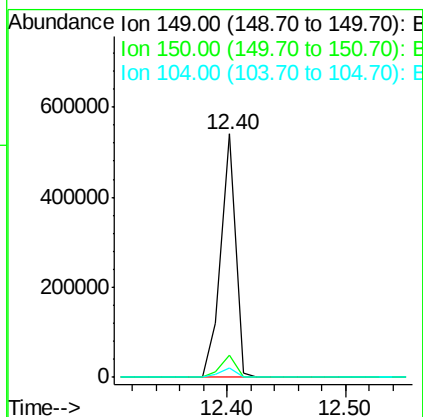
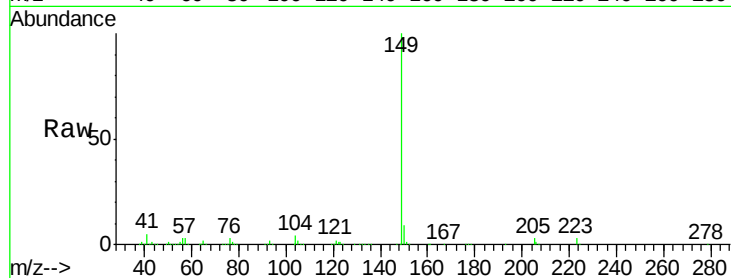
ClientSampleId :

SP-1(0-2)MSD

Tgt Ion:	149	Resp:	463075
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	4.0	2.4	3.6#

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#74

Fluoranthene

Concen: 43.01 ng

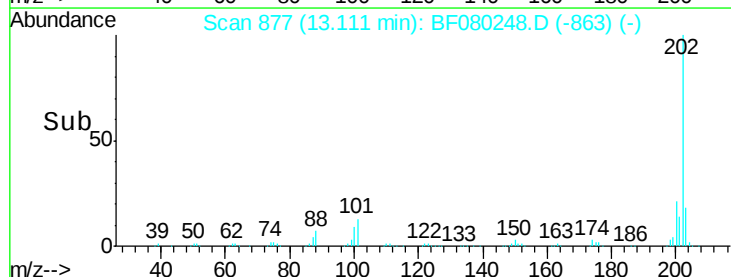
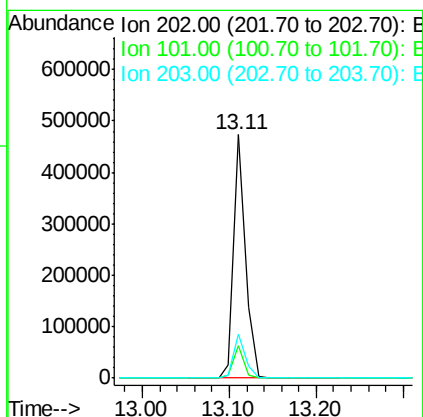
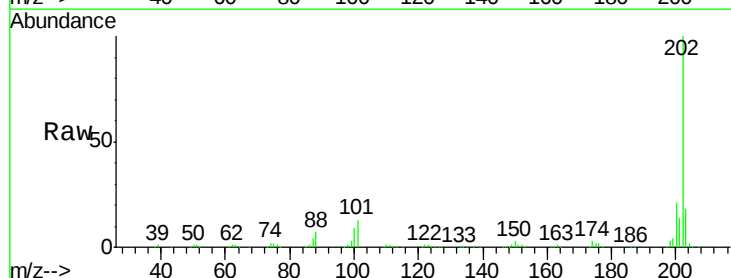
RT: 13.11 min Scan# 877

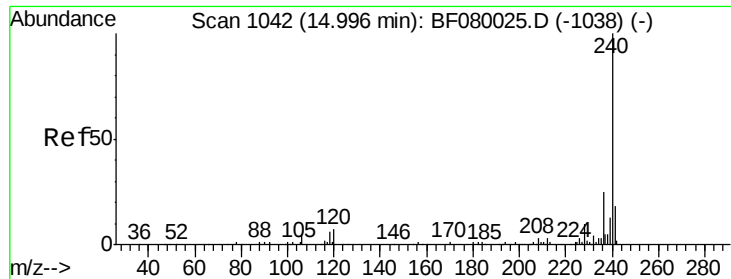
Delta R.T. -0.14 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt Ion:	202	Resp:	445282
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	38.3
203	18.0	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1020

Delta R.T. -0.25 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

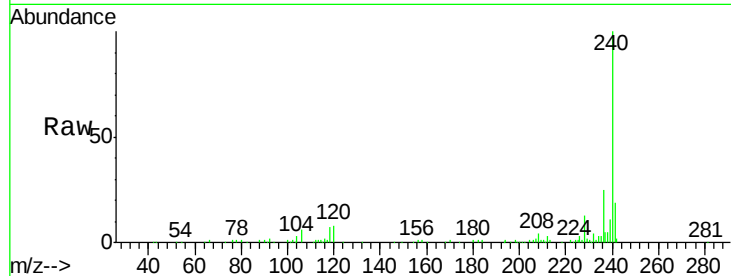
ClientSampleId :

SP-1(0-2)MSD

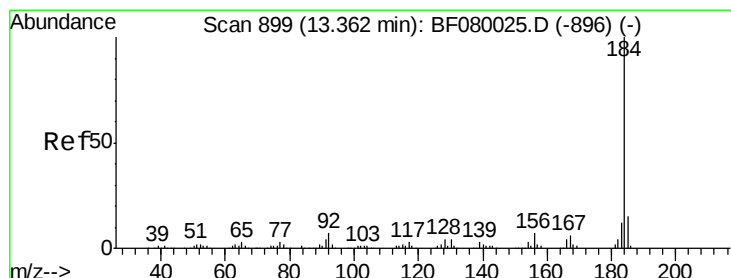
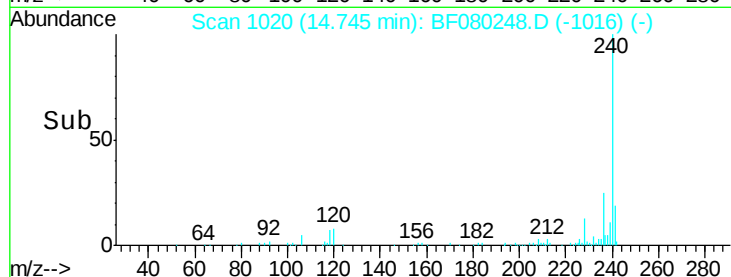
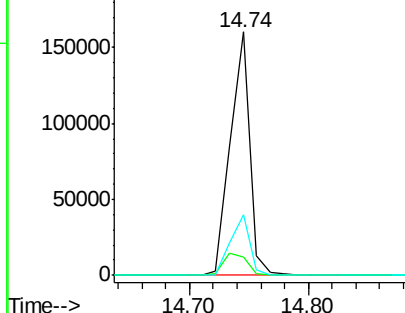
Tgt Ion:	240	Resp:	181033
Ion Ratio		Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	25.1	18.4	27.6

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.92 ng

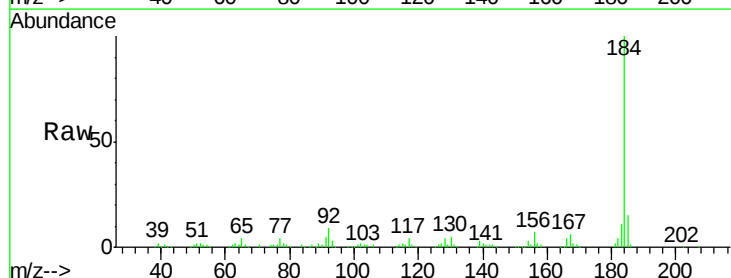
RT: 13.22 min Scan# 887

Delta R.T. -0.14 min

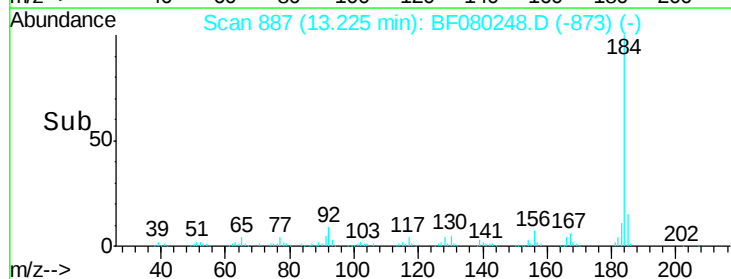
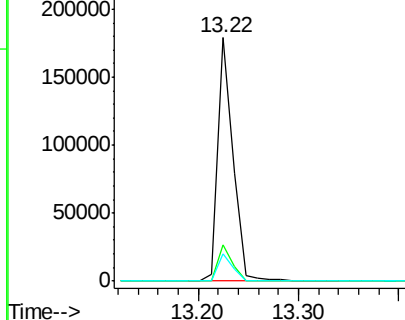
Lab File: BF080248.D

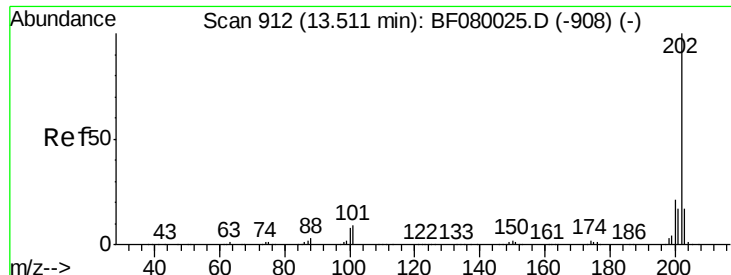
Acq: 30 Jun 2015 20:57

Tgt Ion:	184	Resp:	186808
Ion Ratio		Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.4	7.6	11.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





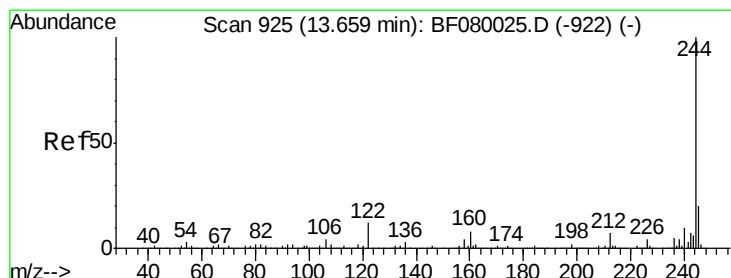
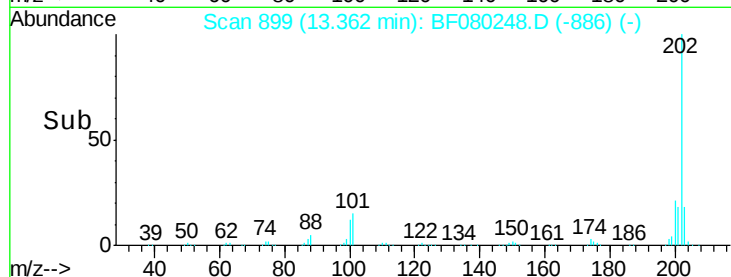
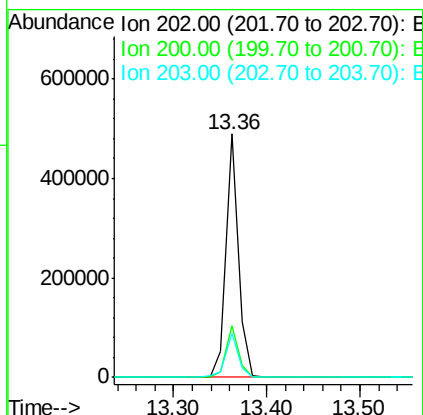
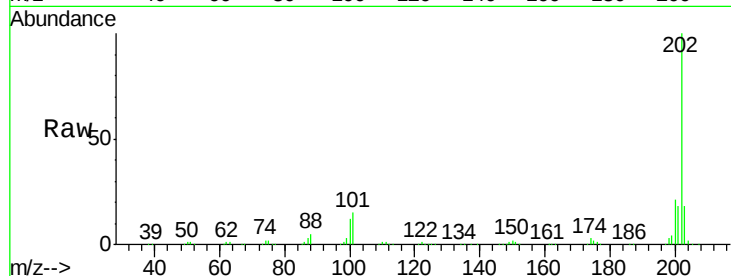
#77
 Pyrene
 Concen: 40.99 ng
 RT: 13.36 min Scan# 899
 Delta R.T. -0.15 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	15.0	22.4
203	18.0	14.1	21.1

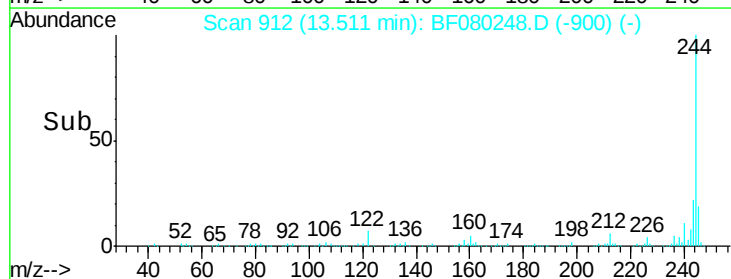
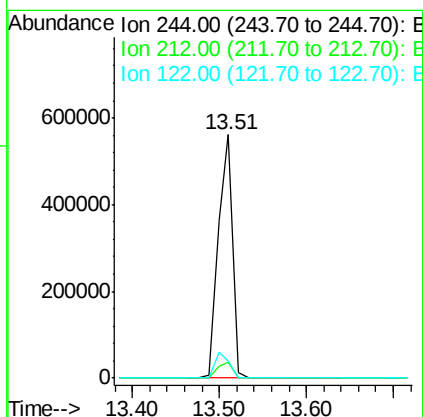
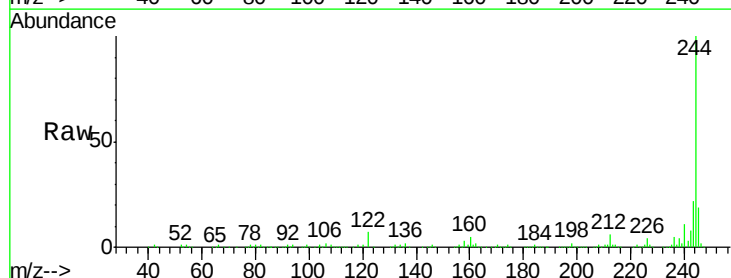
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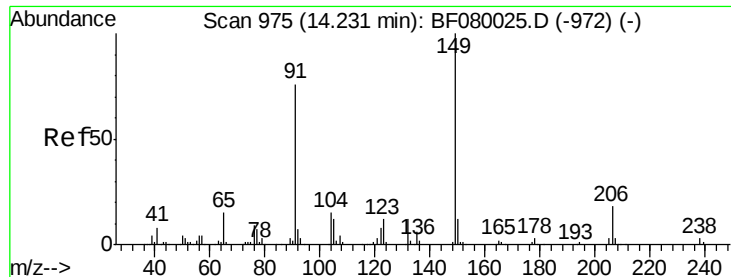
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#78
 Terphenyl-d14
 Concen: 83.79 ng
 RT: 13.51 min Scan# 912
 Delta R.T. -0.16 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	4.3	6.5
122	7.1	17.4	26.2#





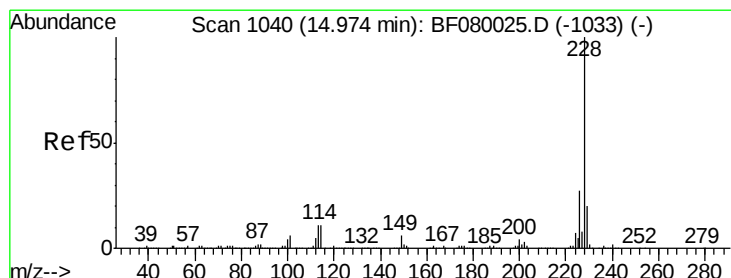
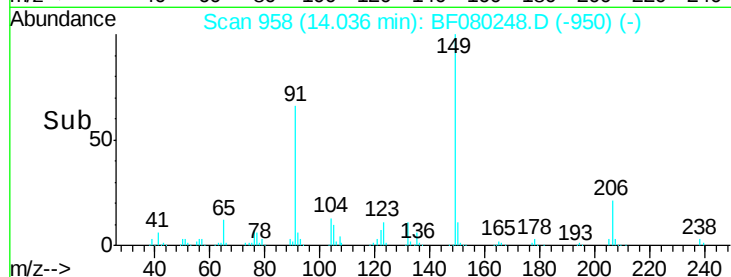
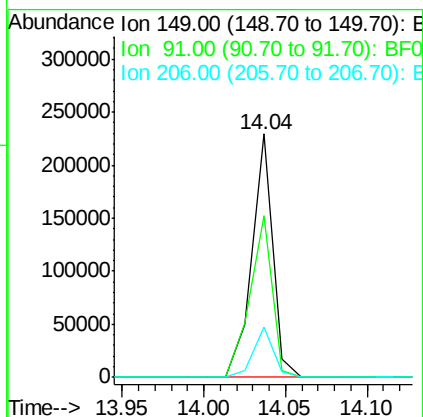
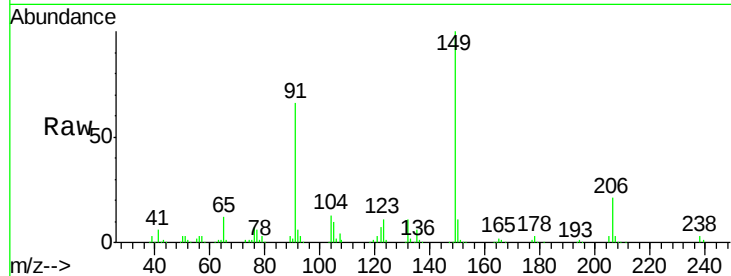
#79
Butylbenzylphthalate
Concen: 45.62 ng
RT: 14.04 min Scan# 958
Delta R.T. -0.21 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.3	48.6	72.8
206	20.6	14.9	22.3

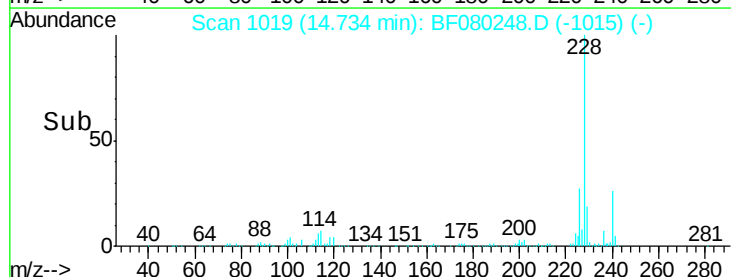
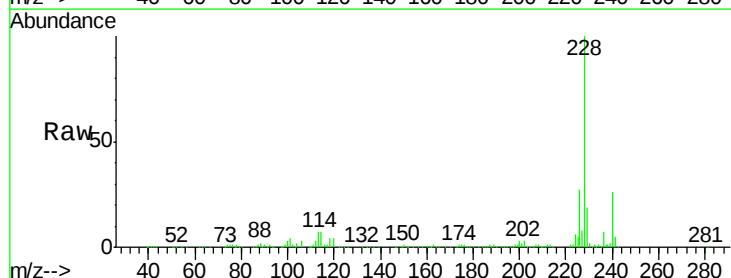
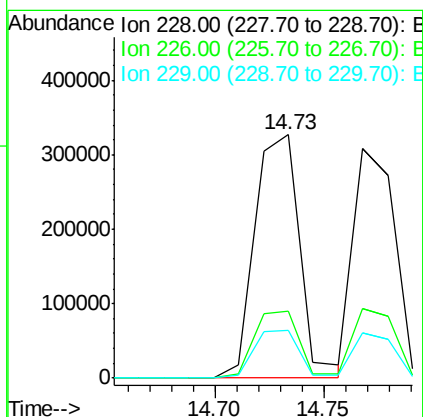
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#80
Benzo(a)anthracene
Concen: 42.90 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.25 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	20.0	30.0
229	19.5	15.4	23.2





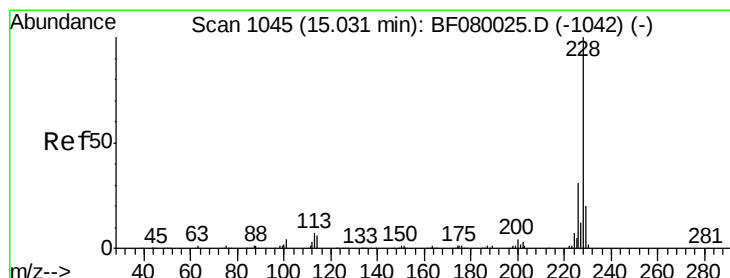
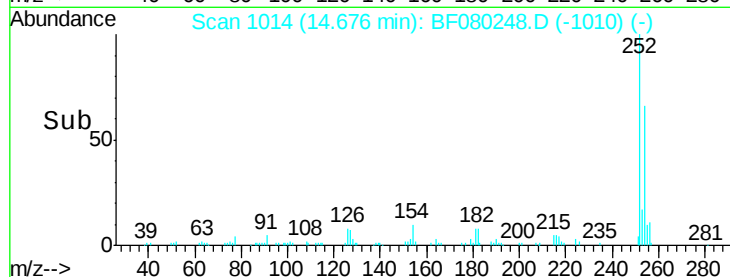
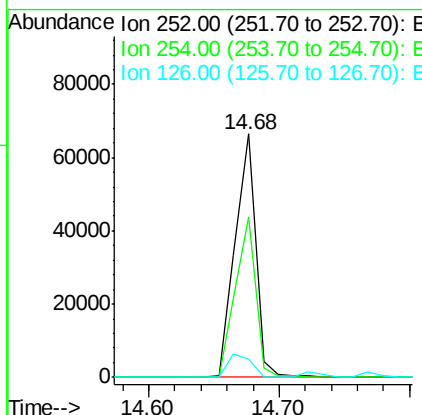
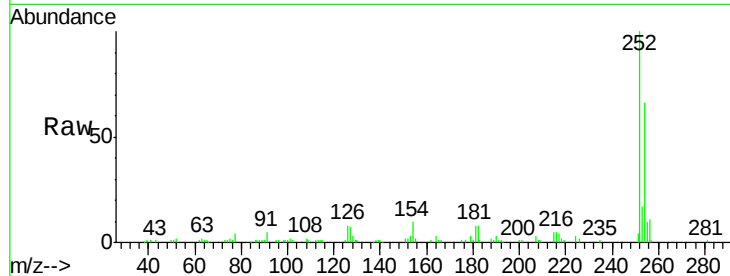
#81
 3,3'-Dichlorobenzidine
 Concen: 19.10 ng
 RT: 14.68 min Scan# 1014
 Delta R.T. -0.25 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.9	51.4	77.2
126	7.7	16.4	24.6

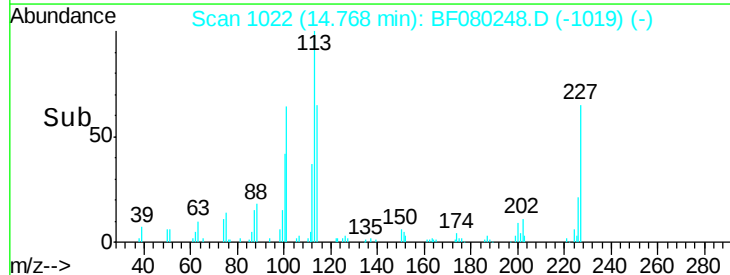
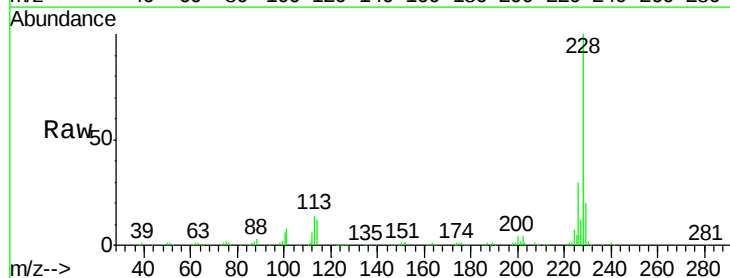
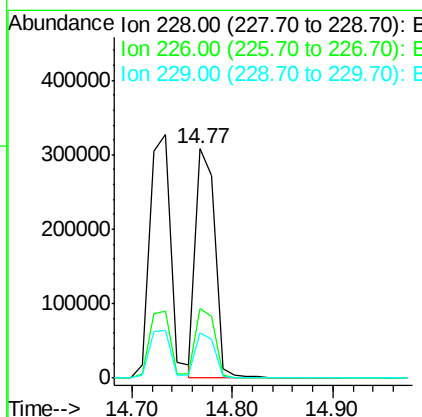
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#82
 Chrysene
 Concen: 40.61 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.26 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	21.0	31.4
229	19.9	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.38 ng

RT: 14.70 min Scan# 1016

Delta R.T. -0.26 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Instrument :

BNA_F

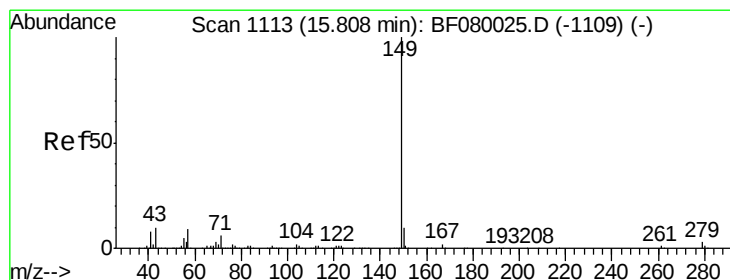
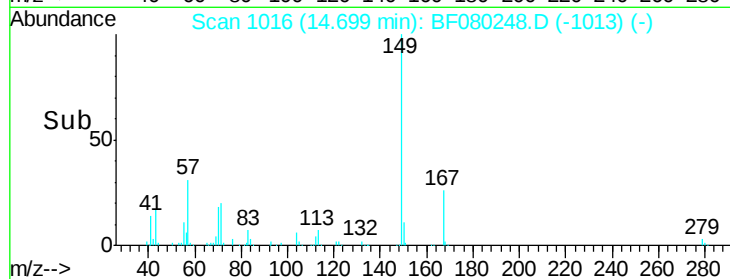
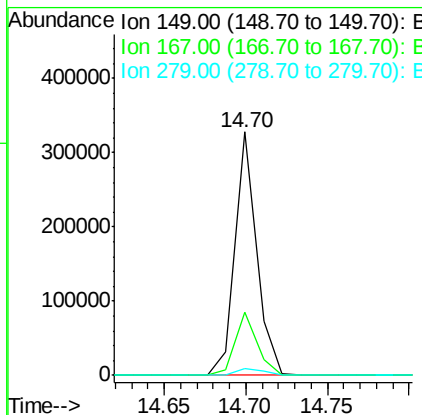
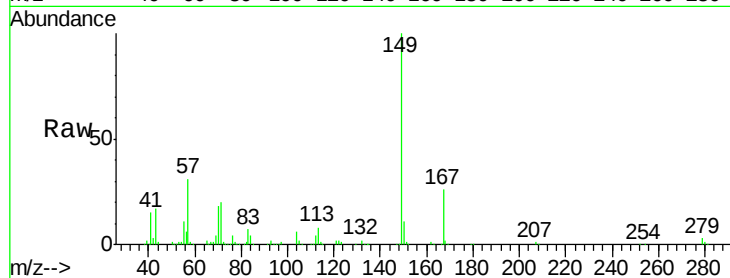
ClientSampleId :

SP-1(0-2)MSD

Tgt	Ion:149	Resp:	299799
Ion	Ratio	Lower	Upper
149	100		
167	25.8	24.2	36.2
279	2.5	3.8	5.6#

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#84

Di-n-octyl phthalate

Concen: 41.62 ng

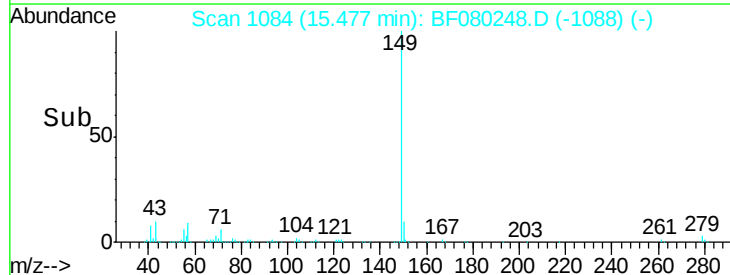
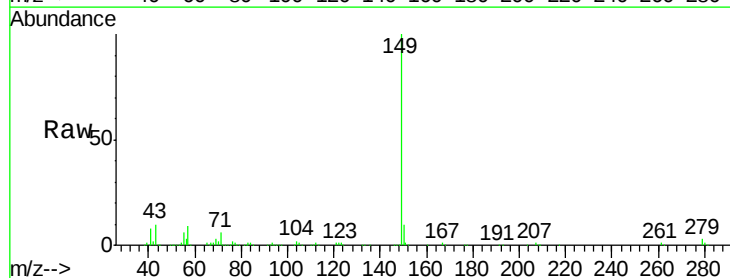
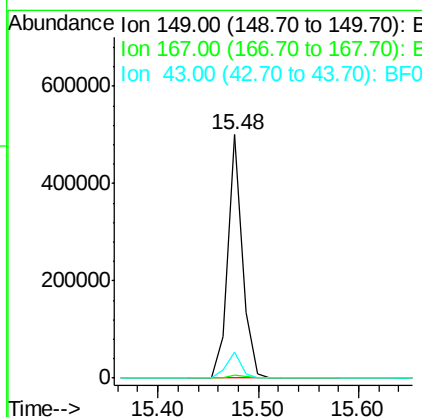
RT: 15.48 min Scan# 1084

Delta R.T. -0.34 min

Lab File: BF080248.D

Acq: 30 Jun 2015 20:57

Tgt	Ion:149	Resp:	504549
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	11.3	10.2	15.2





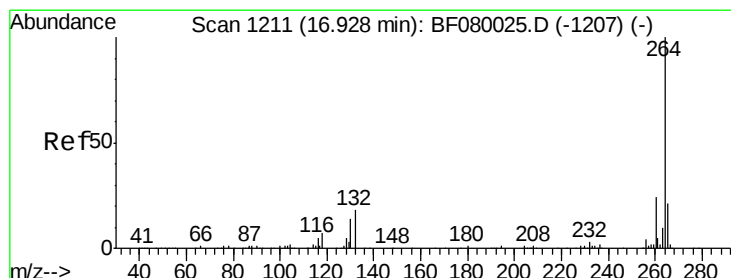
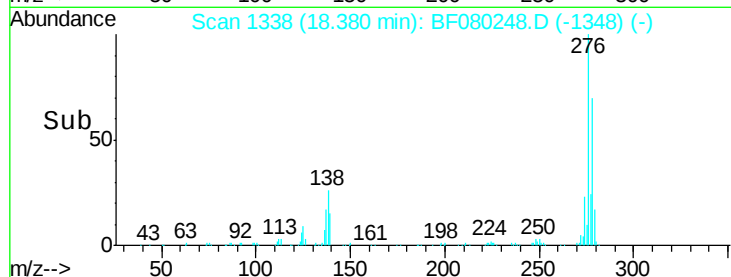
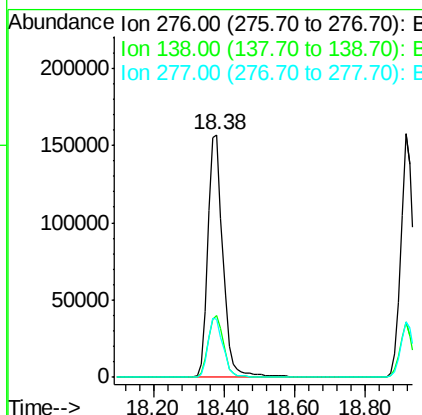
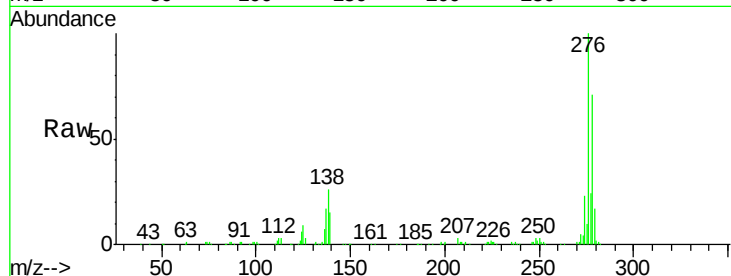
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.87 ng
 RT: 18.38 min Scan# 1338
 Delta R.T. -0.41 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.7	38.5
277	24.2	15.6	23.4

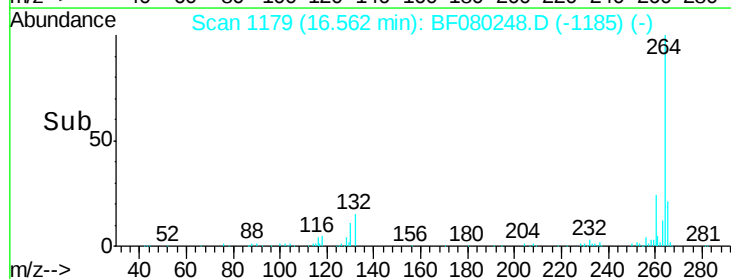
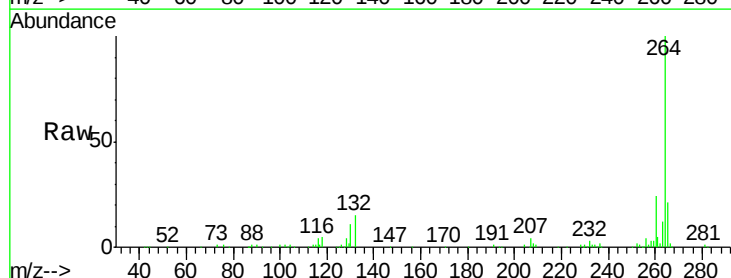
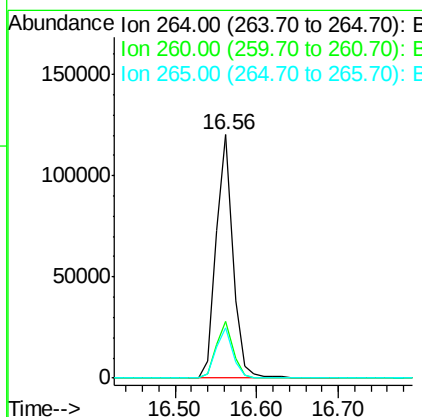
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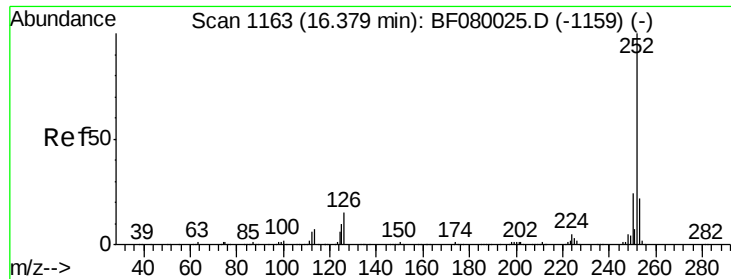
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.56 min Scan# 1179
 Delta R.T. -0.37 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	20.7	17.2	25.8





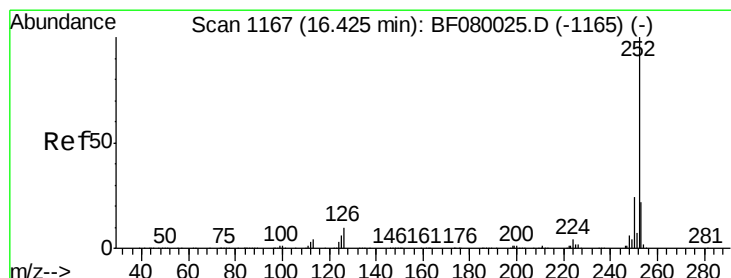
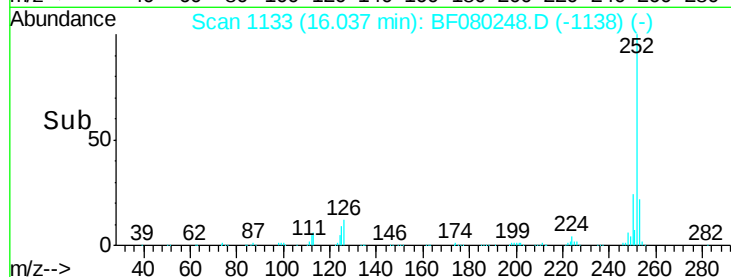
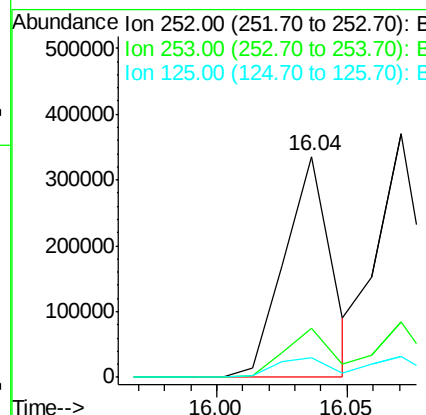
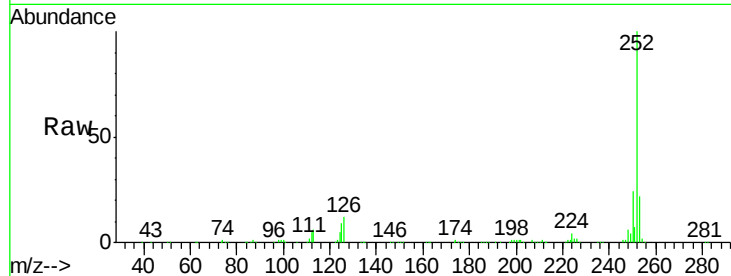
#87
Benzo(b)fluoranthene
Concen: 40.03 ng
RT: 16.04 min Scan# 1133
Delta R.T. -0.35 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	8.8	17.1	25.7#

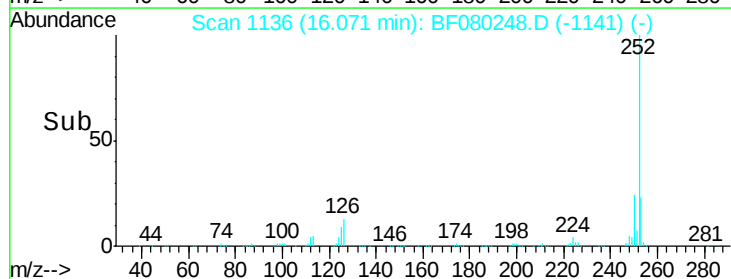
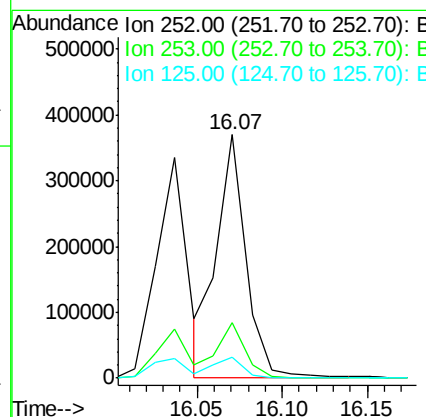
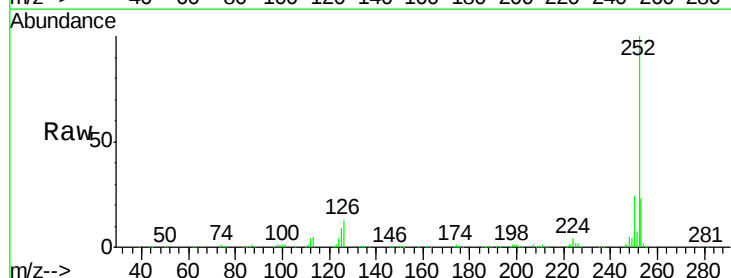
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#88
Benzo(k)fluoranthene
Concen: 41.53 ng m
RT: 16.07 min Scan# 1136
Delta R.T. -0.35 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	8.7	16.0	24.0#





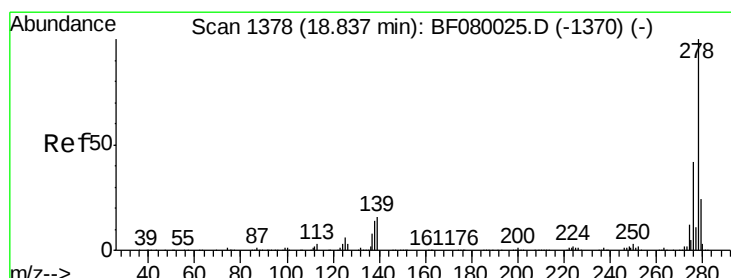
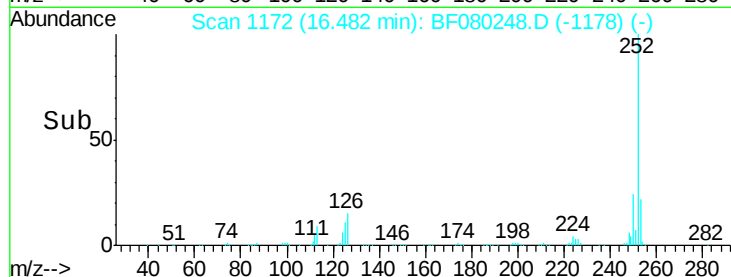
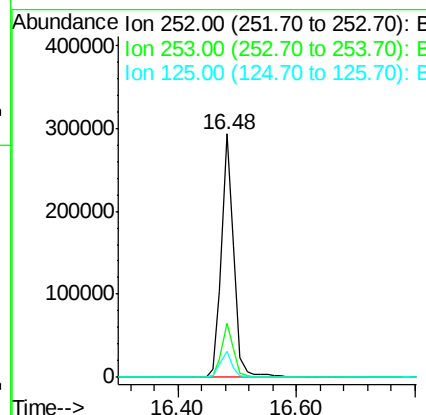
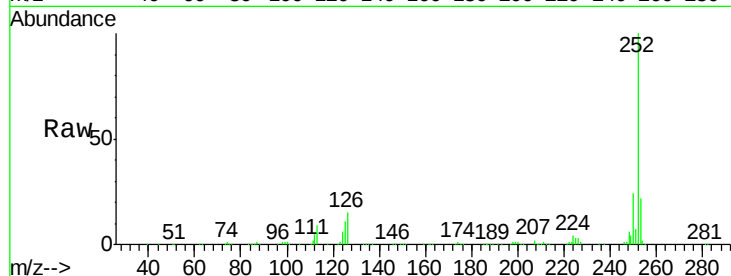
#89
Benzo(a)pyrene
Concen: 42.61 ng
RT: 16.48 min Scan# 1172
Delta R.T. -0.37 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Instrument :
BNA_F
ClientSampleId :
SP-1(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.9	18.0	27.0

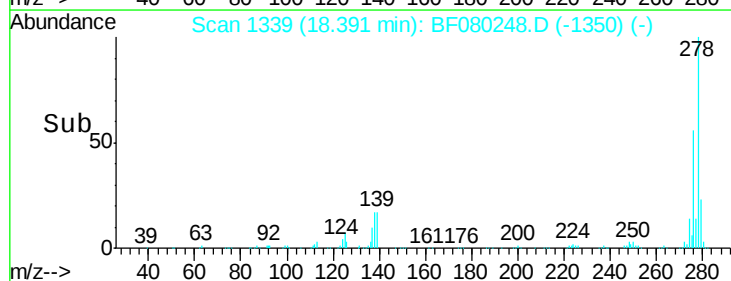
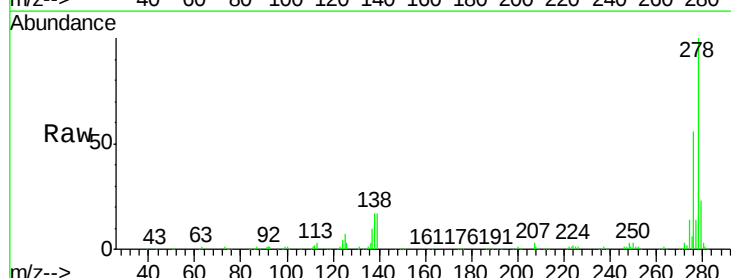
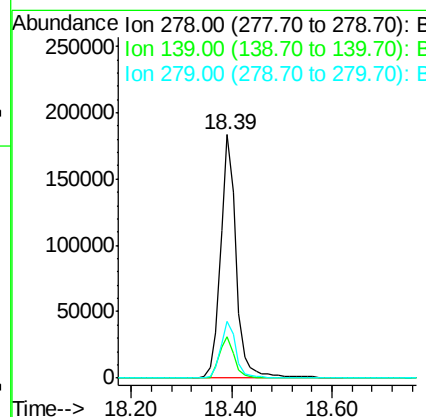
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#90
Dibenzo(a,h)anthracene
Concen: 38.80 ng
RT: 18.39 min Scan# 1339
Delta R.T. -0.42 min
Lab File: BF080248.D
Acq: 30 Jun 2015 20:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	26.3	39.5
279	23.2	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 38.39 ng
 RT: 18.92 min Scan# 1385
 Delta R.T. -0.43 min
 Lab File: BF080248.D
 Acq: 30 Jun 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(0-2)MSD

Tgt Ion:	276	Resp:	394393
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.8	26.6
138	23.0	34.6	51.8#

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