

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080080.D
 Acq On : 20 Jun 2015 4:32
 Operator : TP/IZ
 Sample : G2683-02MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Manual Integrations
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 6/22/2015 2:43:55 PM

Quant Time: Jun 20 05:48:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	40720	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	169910	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	93260	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	198211	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	225254	20.00	ng	-0.07
86) Perylene-d12	16.63	264	213766	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	274784	119.45	ng	0.00
7) Phenol-d6	6.93	99	351669	114.88	ng	-0.01
23) Nitrobenzene-d5	7.89	82	232123	79.53	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	109827	120.43	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	426936	65.29	ng	-0.01
78) Terphenyl-d14	13.56	244	598231	62.03	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	27048	24.74	ng	# 85
3) Pyridine	4.04	79	97527	33.54	ng	86
4) n-Nitrosodimethylamine	3.94	42	44551	32.24	ng	97
6) Aniline	6.98	93	152168	36.13	ng	93
8) 2-Chlorophenol	7.11	128	99446	37.41	ng	86
9) Benzaldehyde	6.88	77	46948	26.57	ng	91
10) Phenol	6.95	94	119384	35.74	ng	87
11) bis(2-Chloroethyl)ether	7.05	93	90791	34.26	ng	# 83
12) 1,3-Dichlorobenzene	7.27	146	104859m	32.83	ng	
13) 1,4-Dichlorobenzene	7.35	146	117988m	38.84	ng	
14) 1,2-Dichlorobenzene	7.51	146	103585	35.05	ng	98
15) Benzyl Alcohol	7.45	79	92288	36.87	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.59	45	158674	40.33	ng	90
17) 2-Methylphenol	7.56	107	78552	34.59	ng	# 83
18) Hexachloroethane	7.85	117	38579	38.15	ng	89
19) n-Nitroso-di-n-propylamine	7.73	70	73383	34.53	ng	# 75
20) 3+4-Methylphenols	7.72	107	110938	37.85	ng	92
22) Acetophenone	7.73	105	148223	37.43	ng	# 82
24) Nitrobenzene	7.91	77	104764	34.78	ng	# 79
25) Isophorone	8.14	82	197503	33.62	ng	# 85
26) 2-Nitrophenol	8.23	139	50699	40.21	ng	# 77
27) 2,4-Dimethylphenol	8.25	122	89686	34.11	ng	86
28) bis(2-Chloroethoxy)methane	8.34	93	134217	38.89	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	87779	38.98	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	99317	38.84	ng	99
31) Naphthalene	8.64	128	299909m	33.76	ng	
33) 4-Chloroaniline	8.68	127	114136m	30.02	ng	
34) Hexachlorobutadiene	8.77	225	54737	34.76	ng	99
35) Caprolactam	9.01	113	24756	33.87	ng	# 84
36) 4-Chloro-3-methylphenol	9.14	107	91030	35.84	ng	# 74
37) 2-Methylnaphthalene	9.34	142	227933	39.67	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	103562	38.16	ng	98
40) Hexachlorocyclopentadiene	9.50	237	97787	70.80	ng	98
42) 2,4,6-Trichlorophenol	9.61	196	70564	38.21	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.65	196	69560	32.70	ng	# 91
45) 1,1'-Biphenyl	9.81	154	254271	33.51	ng	94
46) 2-Chloronaphthalene	9.83	162	202371	32.87	ng	94
47) 2-Nitroaniline	9.91	65	56151	33.22	ng	# 57
48) Acenaphthylene	10.25	152	350219	34.08	ng	98
49) Dimethylphthalate	10.08	163	259534	37.02	ng	# 97
50) 2,6-Dinitrotoluene	10.15	165	50758	36.11	ng	# 56
51) Acenaphthene	10.42	154	210142	33.43	ng	93
52) 3-Nitroaniline	10.32	138	54492	33.60	ng	# 55
53) 2,4-Dinitrophenol	10.44	184	28742	52.41	ng	# 1
54) Dibenzofuran	10.60	168	300863	33.73	ng	# 88
55) 4-Nitrophenol	10.47	139	97274	75.04	ng	# 74
56) 2,4-Dinitrotoluene	10.56	165	73576	41.25	ng	# 94
57) Fluorene	10.95	166	241388	34.10	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	62561	34.83	ng	98
59) Diethylphthalate	10.79	149	249033	35.27	ng	97
60) 4-Chlorophenyl-phenylether	10.93	204	120709	35.49	ng	# 87
61) 4-Nitroaniline	10.94	138	63513	37.92	ng	# 54
62) Azobenzene	11.09	77	267912	37.28	ng	87
64) 4,6-Dinitro-2-methylphenol	10.97	198	33413	36.86	ng	85
65) n-Nitrosodiphenylamine	11.04	169	224620	34.80	ng	92
66) 4-Bromophenyl-phenylether	11.43	248	71472	33.91	ng	# 81
67) Hexachlorobenzene	11.51	284	77215	32.97	ng	# 77
68) Atrazine	11.56	200	66143	32.44	ng	82
69) Pentachlorophenol	11.69	266	88663	66.80	ng	99
70) Phenanthrene	11.92	178	412852	34.40	ng	97
71) Anthracene	11.97	178	380882	32.96	ng	97
72) Carbazole	12.12	167	340878	30.90	ng	95
73) Di-n-butylphthalate	12.45	149	431962	33.89	ng	# 99
74) Fluoranthene	13.16	202	427002	33.41	ng	96
76) Benzidine	13.27	184	352160	55.93	ng	98
77) Pyrene	13.41	202	441472	31.83	ng	97
79) Butylbenzylphthalate	14.08	149	198239	35.59	ng	91
80) Benzo(a)anthracene	14.78	228	447951	32.64	ng	97
81) 3,3'-Dichlorobenzidine	14.72	252	154249	32.59	ng	# 94
82) Chrysene	14.83	228	419221	33.13	ng	95
83) Bis(2-ethylhexyl)phthalate	14.75	149	302072	34.32	ng	# 92
84) Di-n-octyl phthalate	15.52	149	503788	33.40	ng	94
85) Indeno(1,2,3-cd)pyrene	18.47	276	464956	29.14	ng	# 89
87) Benzo(b)fluoranthene	16.09	252	404237	31.23	ng	# 86
88) Benzo(k)fluoranthene	16.13	252	440125m	33.39	ng	
89) Benzo(a)pyrene	16.55	252	416462	33.88	ng	# 86
90) Dibenzo(a,h)anthracene	18.49	278	393326	31.26	ng	# 82
91) Benzo(g,h,i)perylene	19.03	276	387600	30.51	ng	# 78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

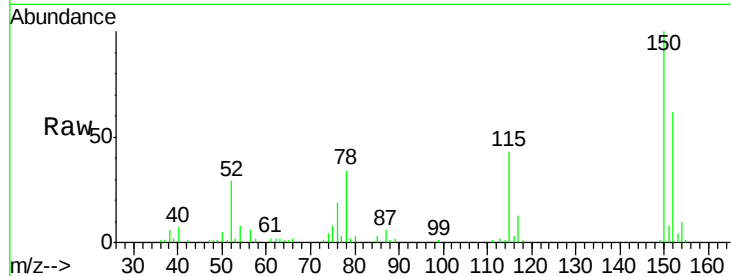
ClientSampleId :

PE-2MSD

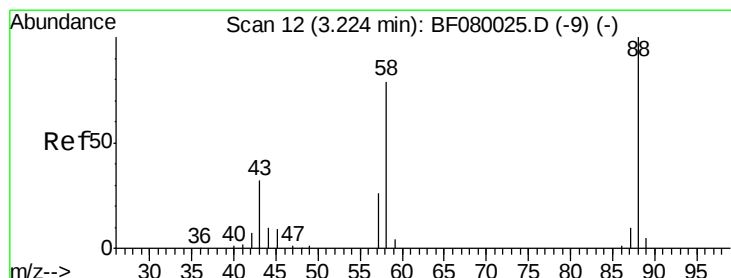
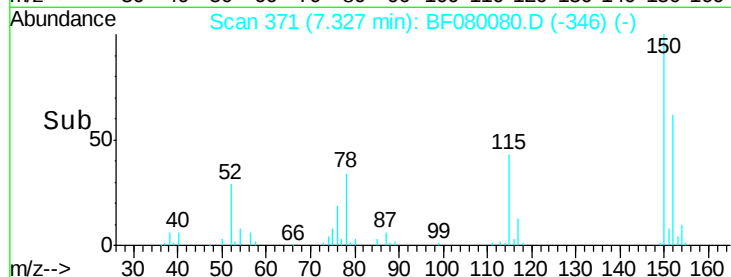
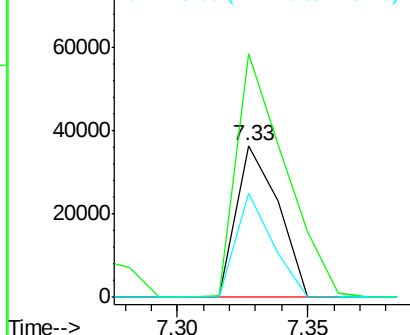
Tgt Ion:	152	Resp:	40720
Ion Ratio	Lower	Upper	
152	100		
150	160.8	124.7	187.1
115	68.5	39.0	58.4

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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: 24.74 ng

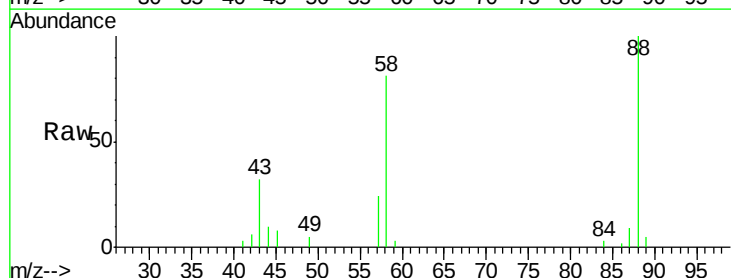
RT: 3.22 min Scan# 12

Delta R.T. 0.00 min

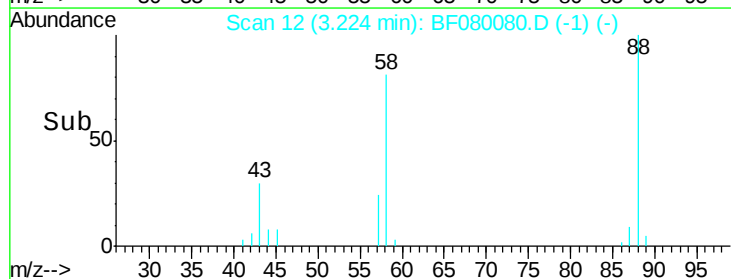
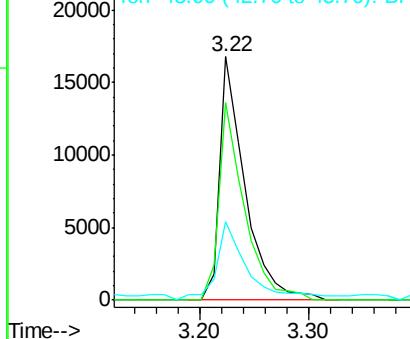
Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	88	Resp:	27048
Ion Ratio	Lower	Upper	
88	100		
58	81.4	77.7	116.5
43	40.7	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: 33.54 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

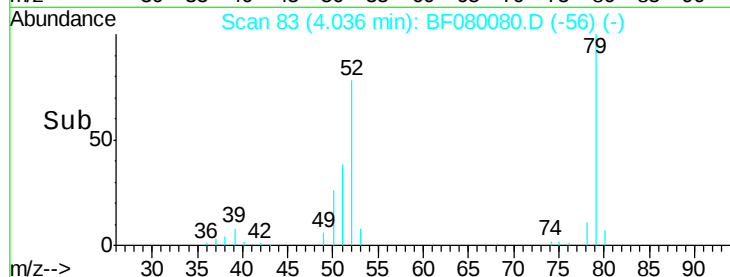
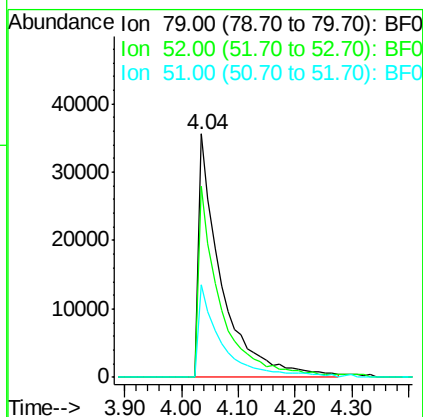
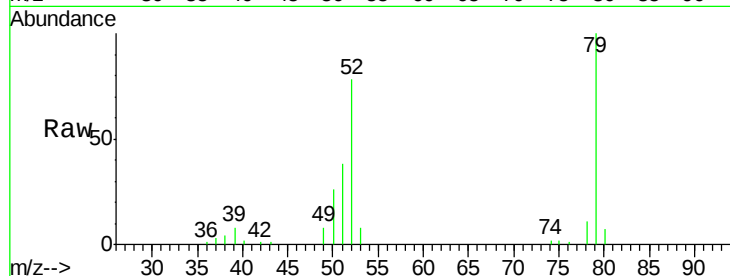
ClientSampleId :

PE-2MSD

Tgt Ion:	79	Resp:	97527
Ion	Ratio	Lower	Upper
79	100		
52	78.5	76.8	115.2
51	37.9	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 32.24 ng

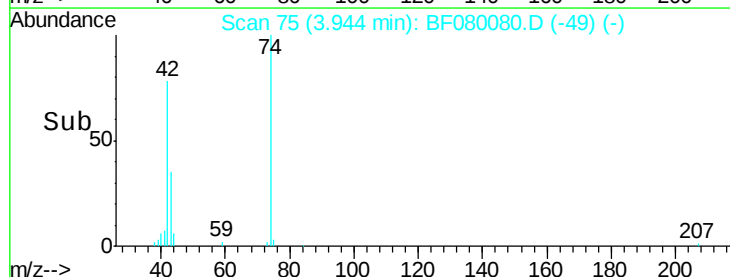
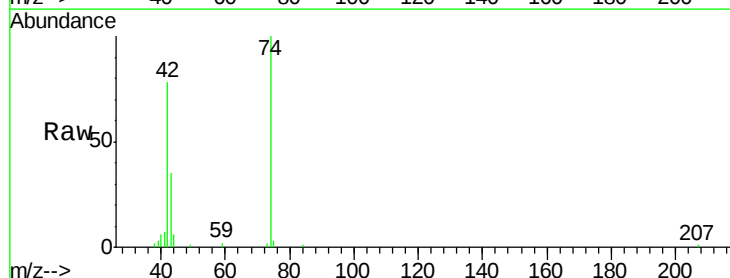
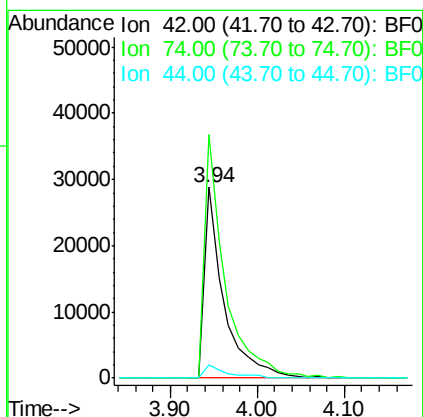
RT: 3.94 min Scan# 75

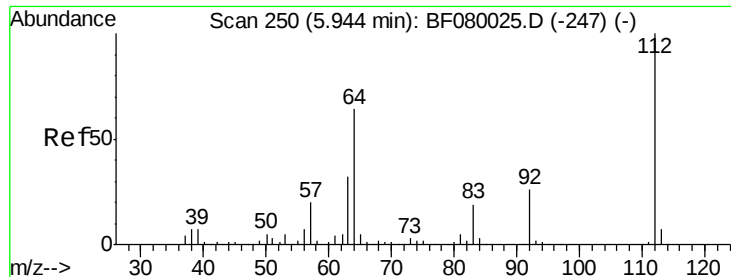
Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	42	Resp:	44551
Ion	Ratio	Lower	Upper
42	100		
74	127.4	105.0	157.6
44	7.2	6.6	10.0





#5

2-Fluorophenol

Concen: 119.45 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

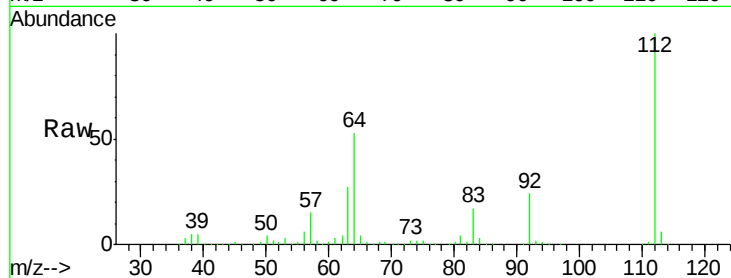
ClientSampleId :

PE-2MSD

Tgt Ion:	112	Resp:	274784
Ion Ratio	Lower	Upper	
112	100		
64	53.3	39.7	59.5
63	26.8	17.4	26.0#

Manual Integrations
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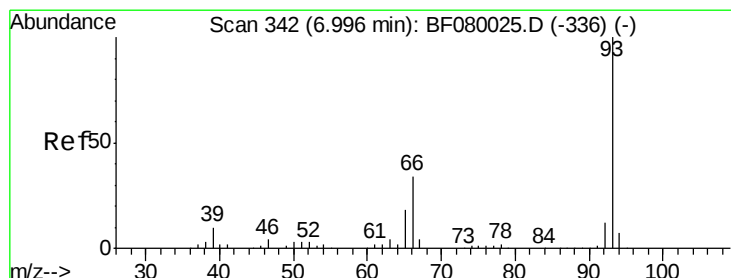
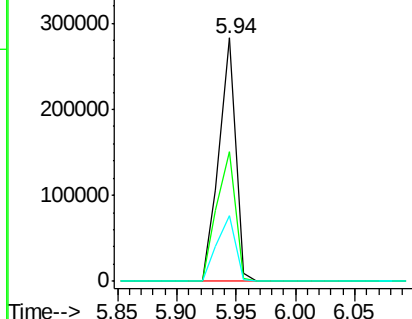
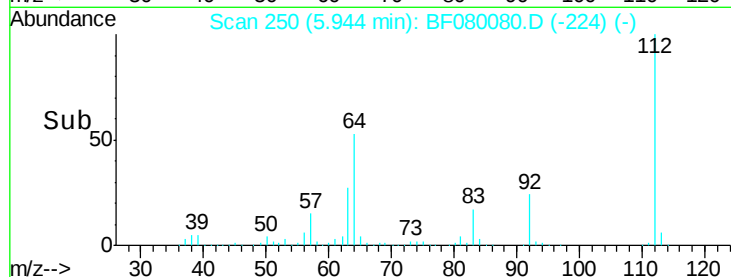


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 36.13 ng

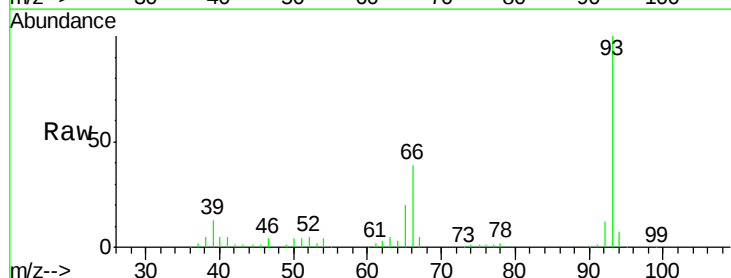
RT: 6.98 min Scan# 341

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	93	Resp:	152168
Ion Ratio	Lower	Upper	
93	100		
66	39.0	27.2	40.8
65	20.0	14.7	22.1

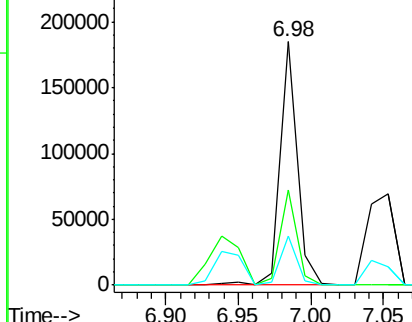
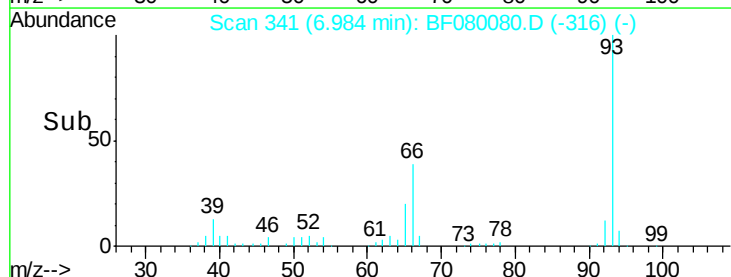


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 114.88 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

Tgt Ion: 99 Resp: 351669

Ion Ratio Lower Upper

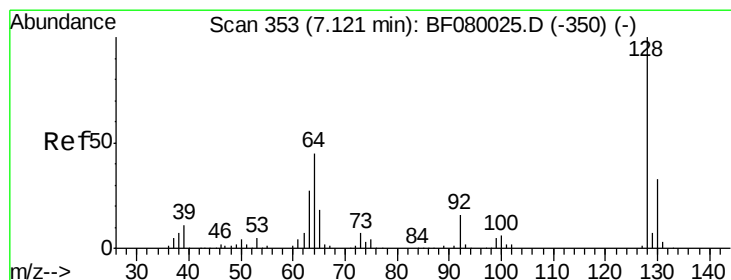
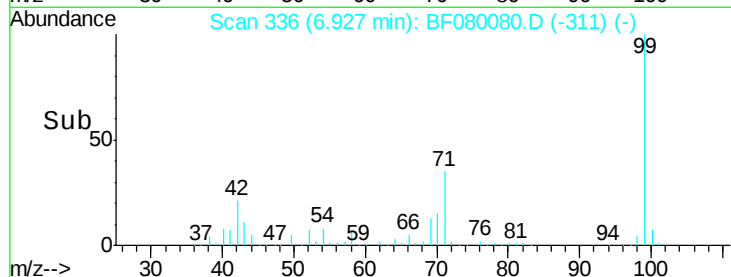
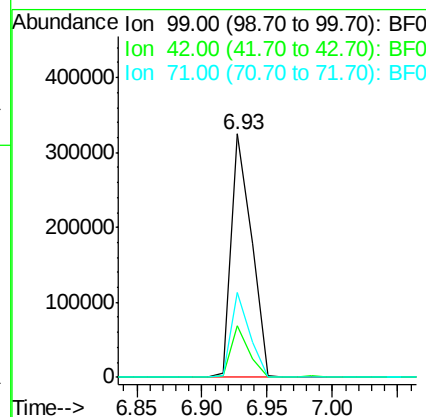
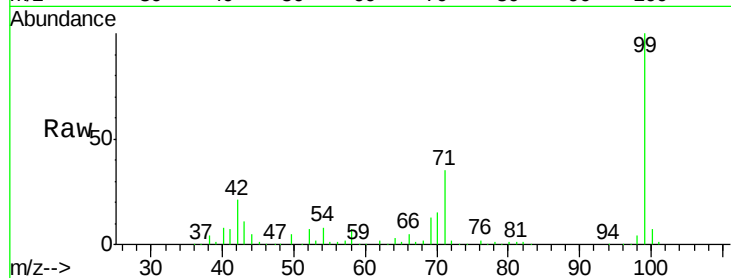
99 100

42 21.4 13.7 20.5#

71 34.7 14.2 21.2#

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#8

2-Chlorophenol

Concen: 37.41 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

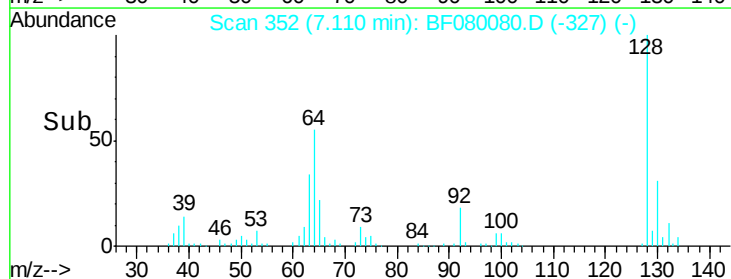
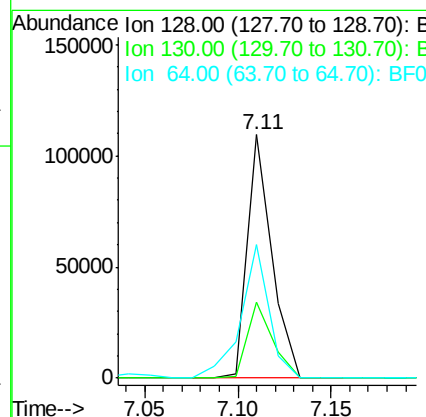
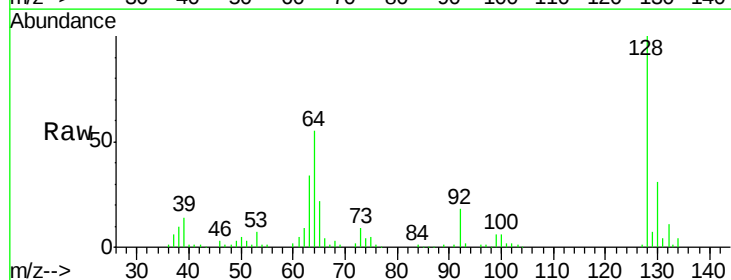
Tgt Ion: 128 Resp: 99446

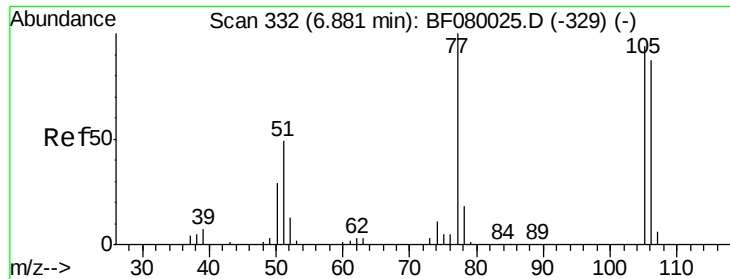
Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

64 54.8 20.5 60.5





#9

Benzaldehyde

Concen: 26.57 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080080.D

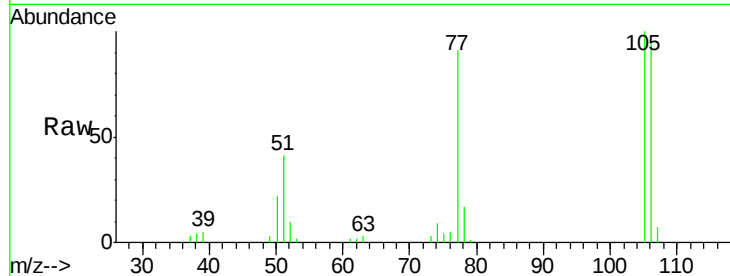
Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

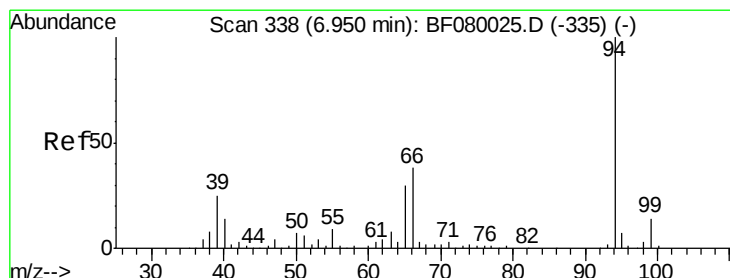
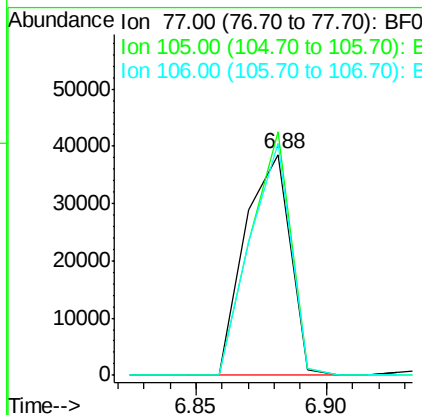
PE-2MSD



Tgt Ion:	77	Resp:	46948
Ion	Ratio	Lower	Upper
77	100		
105	110.1	91.6	131.6
106	104.9	102.6	142.6

Manual Integrations
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#10

Phenol

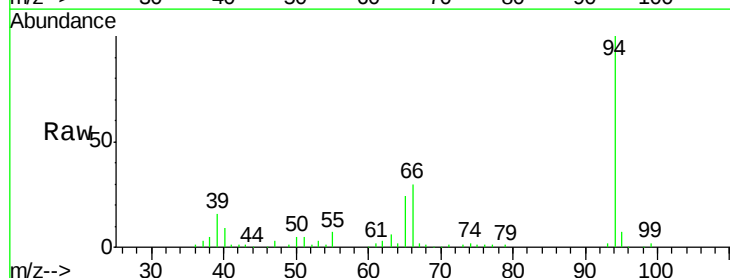
Concen: 35.74 ng

RT: 6.95 min Scan# 338

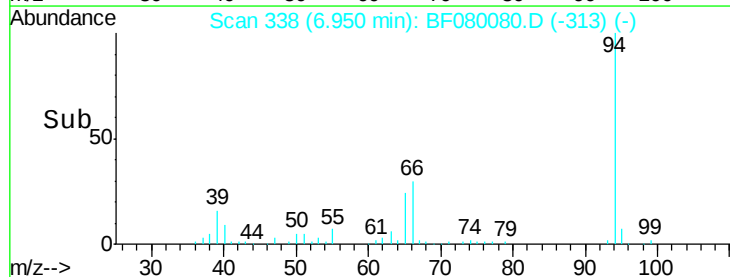
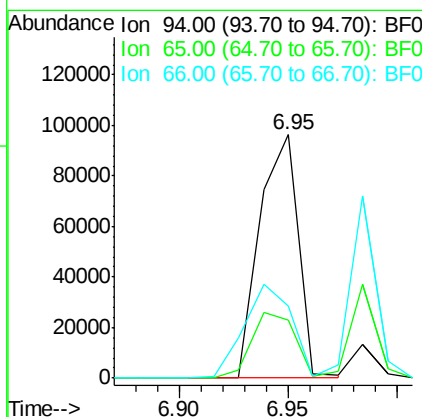
Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32



Tgt Ion:	94	Resp:	119384
Ion	Ratio	Lower	Upper
94	100		
65	23.8	0.7	40.7
66	29.6	0.8	40.8





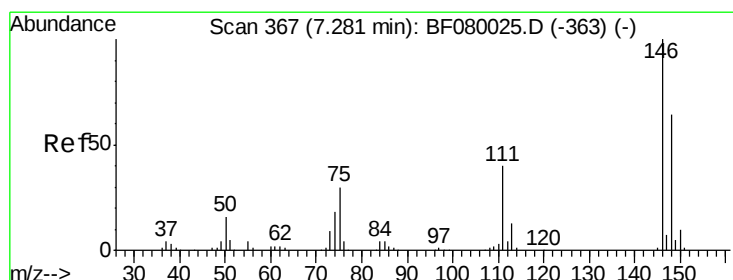
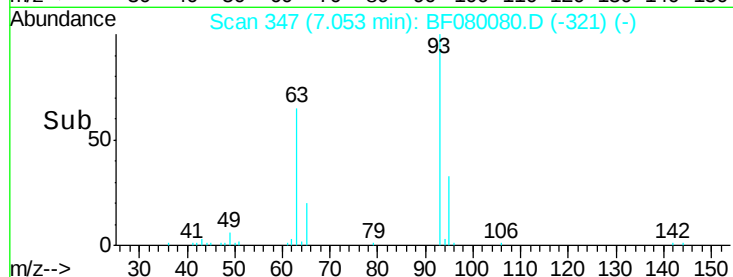
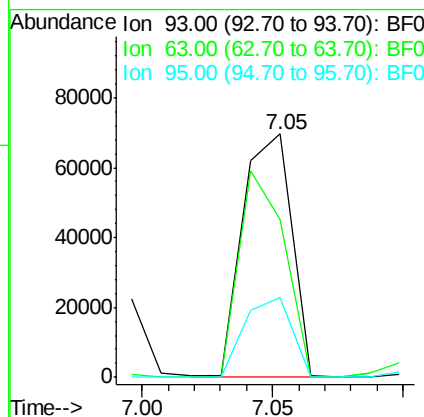
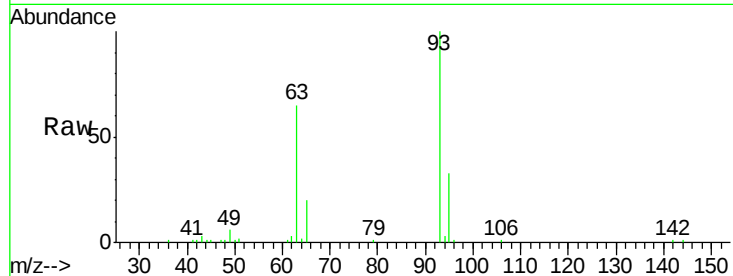
#11
bis(2-Chloroethyl)ether
Concen: 34.26 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.0	65.6	105.6#
95	32.8	13.6	53.6

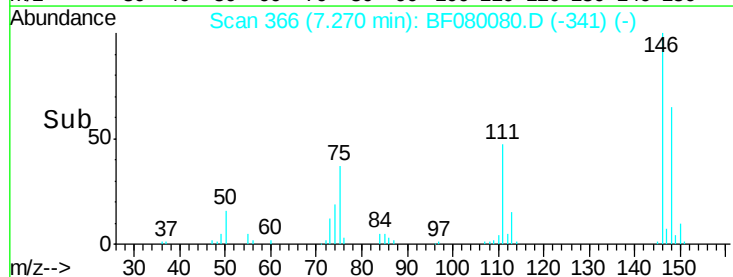
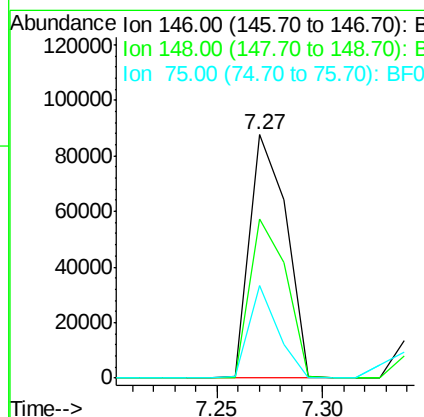
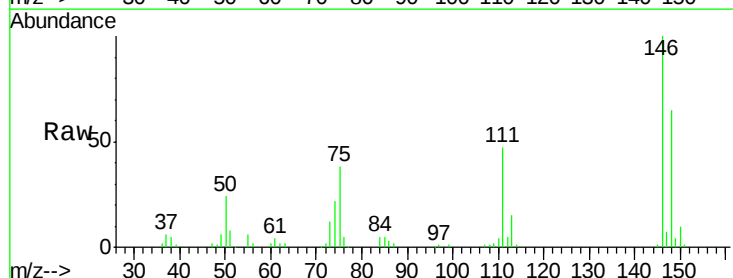
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#12
1,3-Dichlorobenzene
Concen: 32.83 ng m
RT: 7.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.4
75	38.0	15.0	22.6#





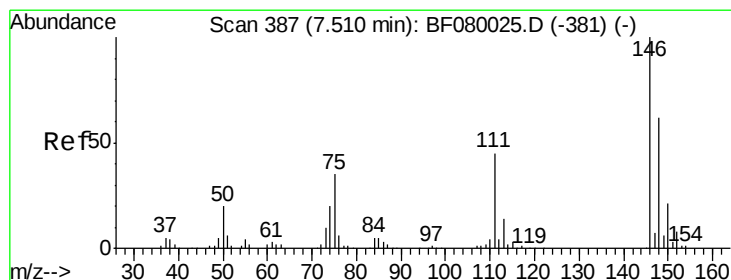
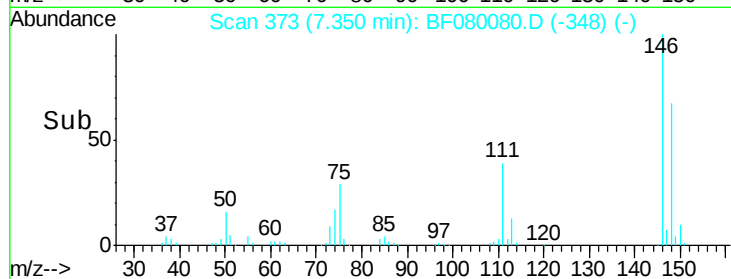
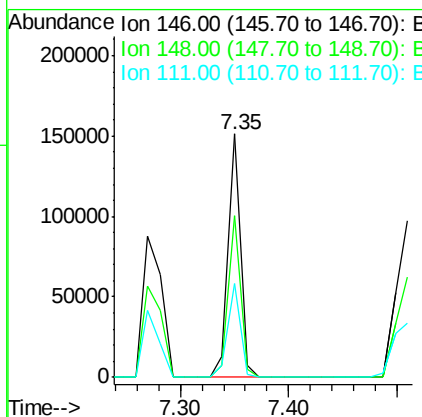
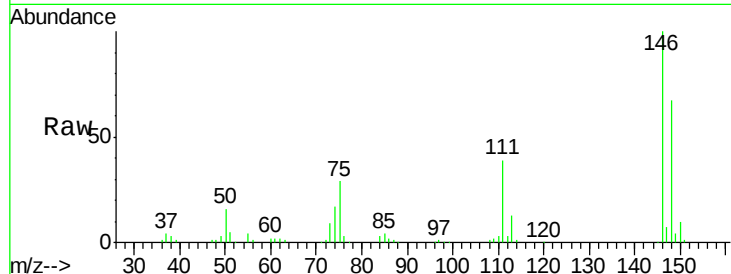
#13
 1,4-Dichlorobenzene
 Concen: 38.84 ng m
 RT: 7.35 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.8	77.6
111	38.8	24.9	37.3#

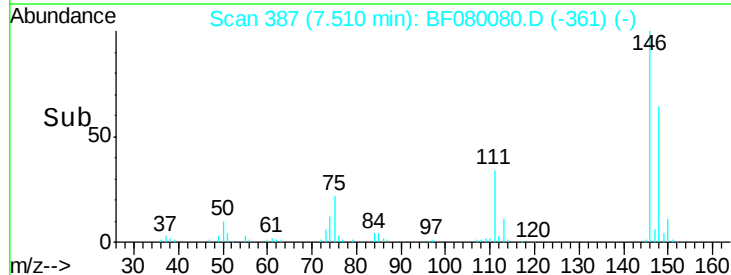
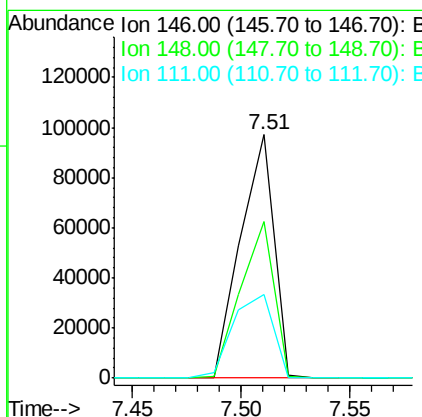
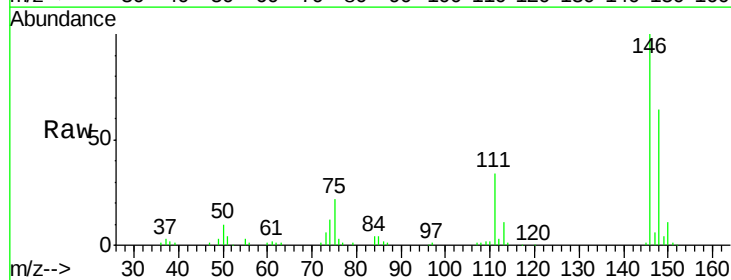
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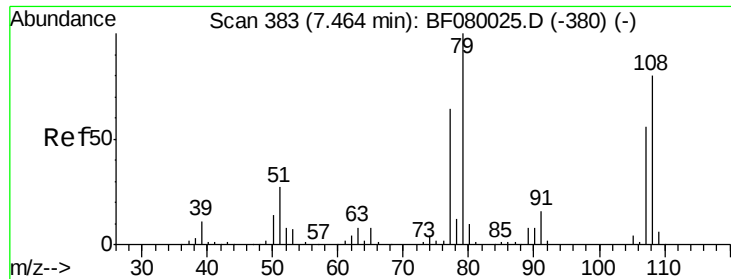
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#14
 1,2-Dichlorobenzene
 Concen: 35.05 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.7	79.1
111	34.3	28.8	43.2





#15

Benzyl Alcohol

Concen: 36.87 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

Tgt Ion: 79 Resp: 92288

Ion Ratio Lower Upper

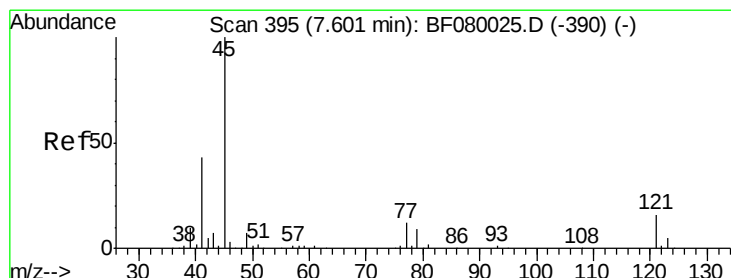
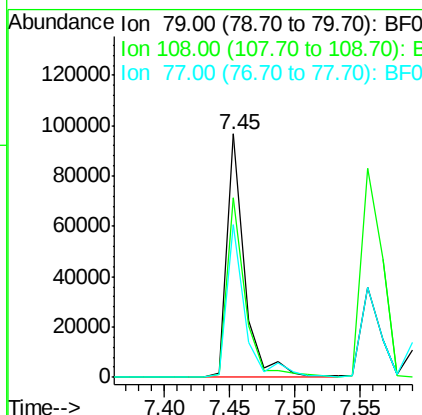
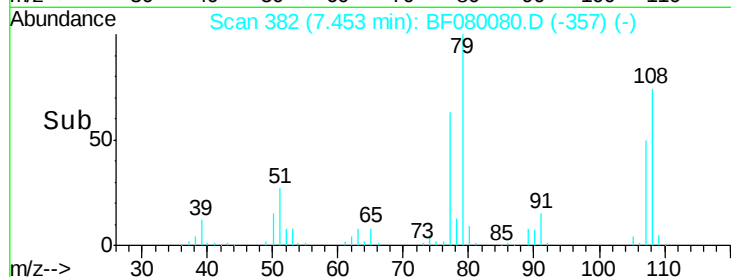
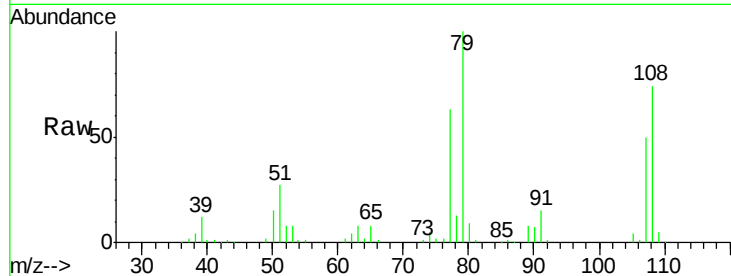
79 100

108 73.6 88.6 132.8#

77 63.0 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.33 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

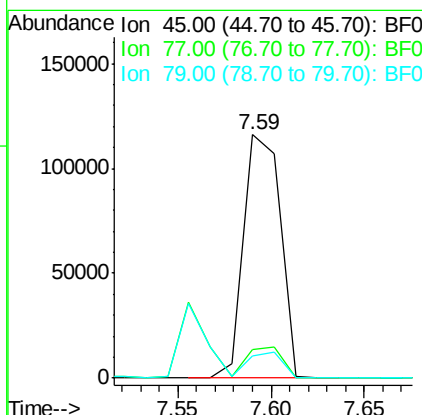
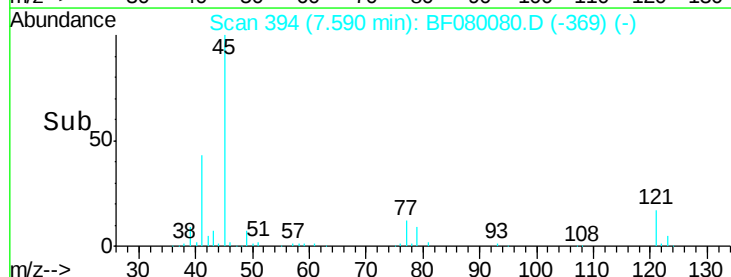
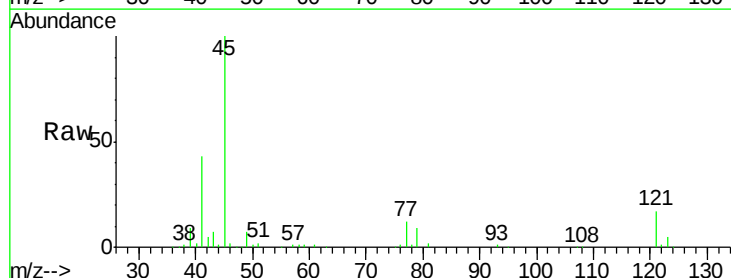
Tgt Ion: 45 Resp: 158674

Ion Ratio Lower Upper

45 100

77 11.8 0.0 28.1

79 9.3 0.0 26.0





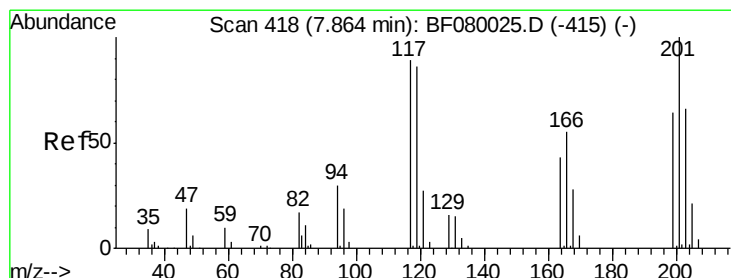
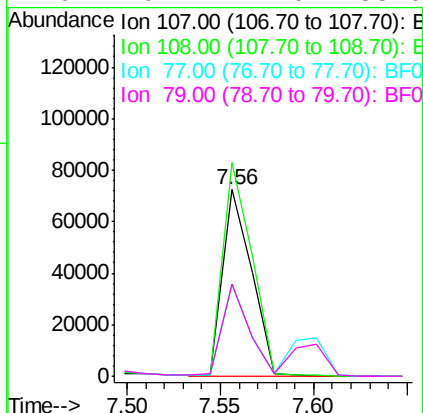
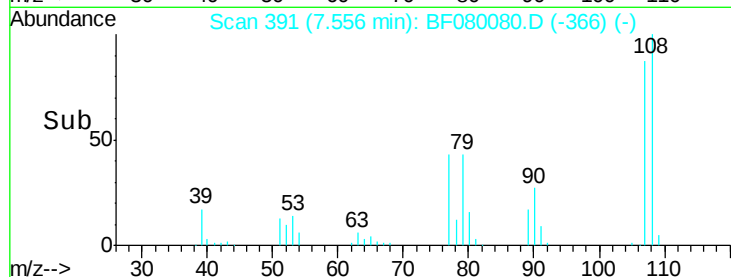
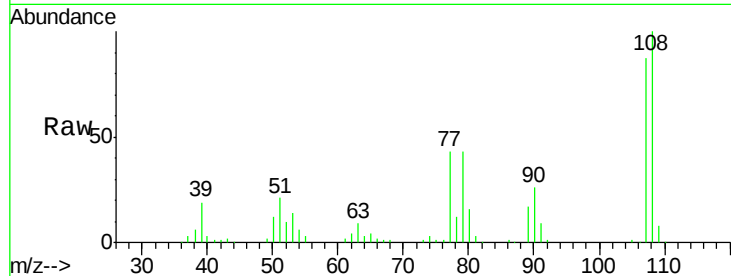
#17
2-Methylphenol
Concen: 34.59 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion:	107	Resp:	78552
Ion Ratio	Lower	Upper	
107	100		
108	114.6	96.6	145.0
77	49.6	23.3	34.9#
79	49.1	22.0	33.0#

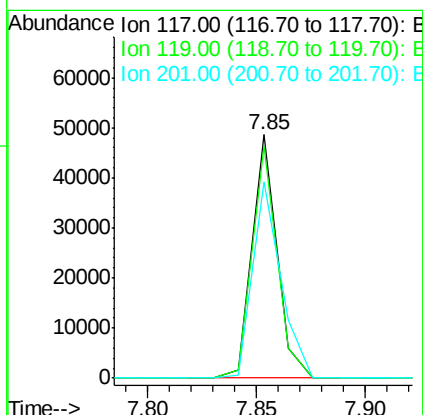
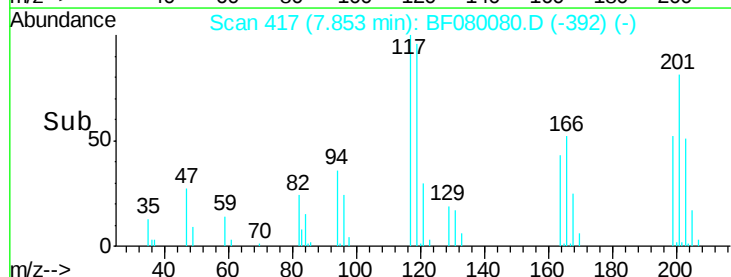
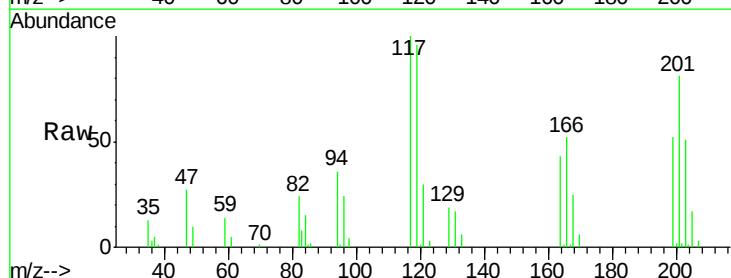
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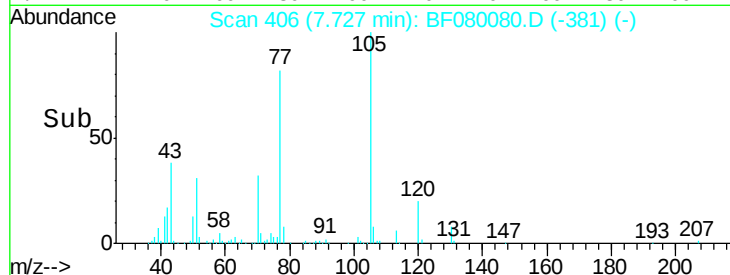
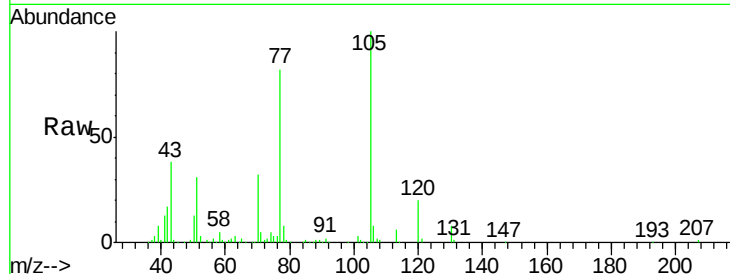
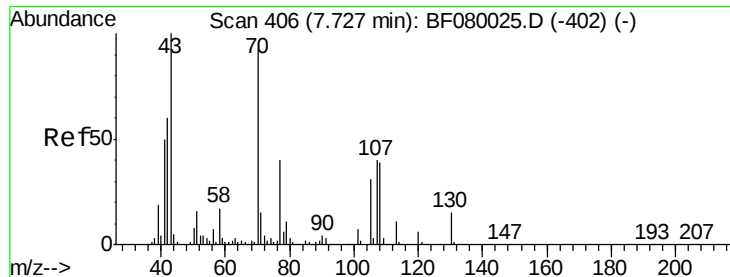
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#18
Hexachloroethane
Concen: 38.15 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion:	117	Resp:	38579
Ion Ratio	Lower	Upper	
117	100		
119	95.6	83.8	125.6
201	80.7	55.1	82.7





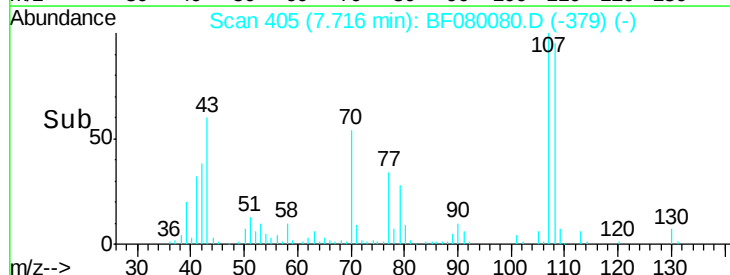
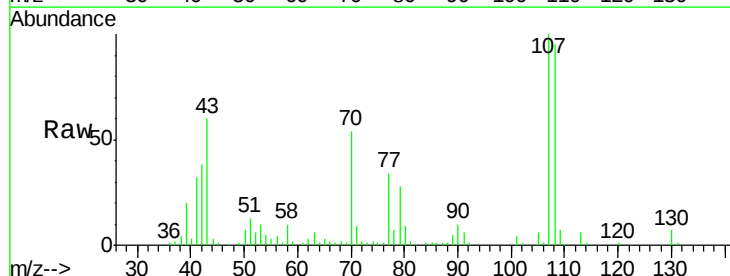
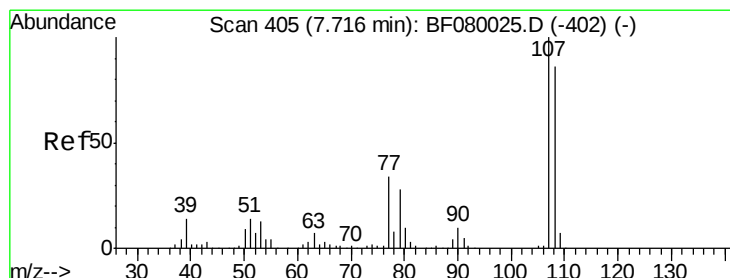
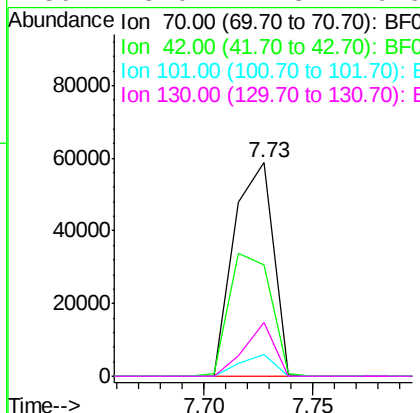
#19
n-Nitroso-di-n-propylamine
Concen: 34.53 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	63.8	95.6#	
101	10.0	9.2	13.8	
130	25.0	27.3	40.9#	

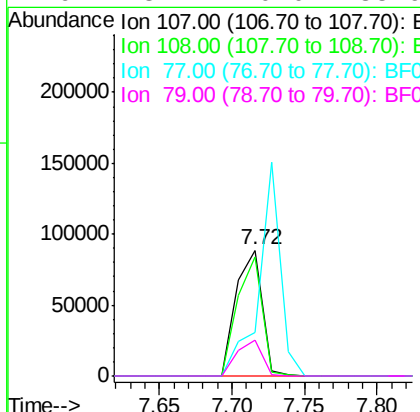
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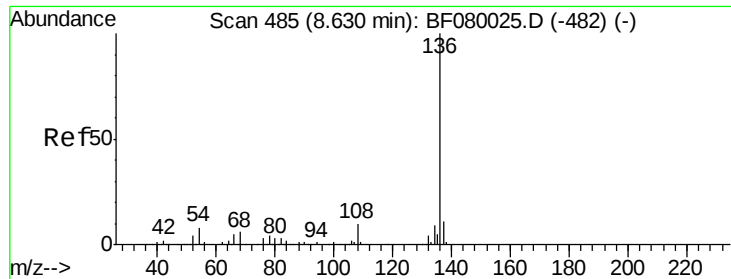
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#20
3+4-Methylphenols
Concen: 37.85 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.9	74.6	114.6	
77	34.4	0.7	40.7	
79	28.4	0.0	38.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF080080.D

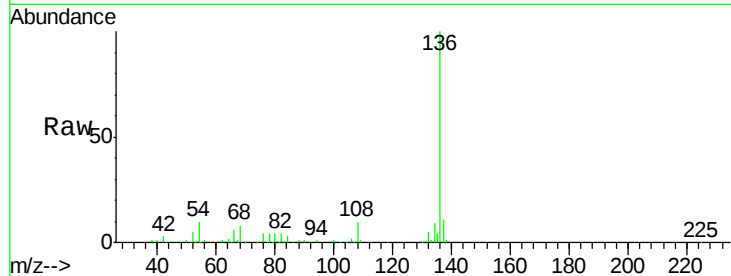
Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

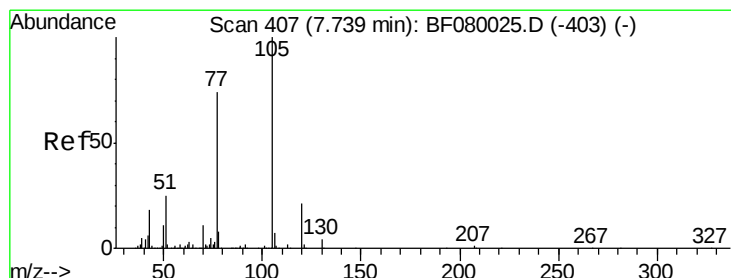
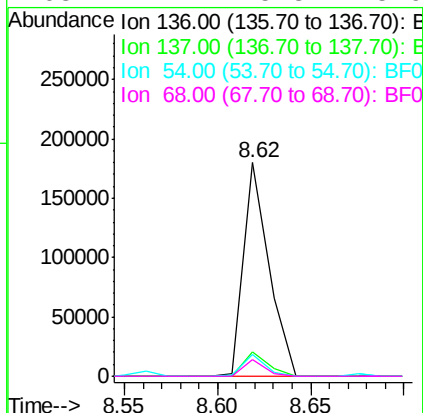
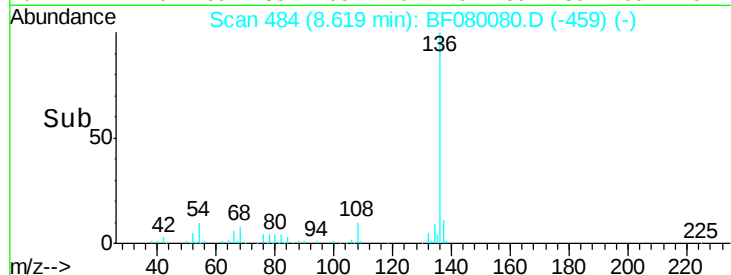
PE-2MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	169910		
137	11.2	9.0	13.6	
54	10.5	8.2	12.2	
68	7.7	5.8	8.6	

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#22

Acetophenone

Concen: 37.43 ng

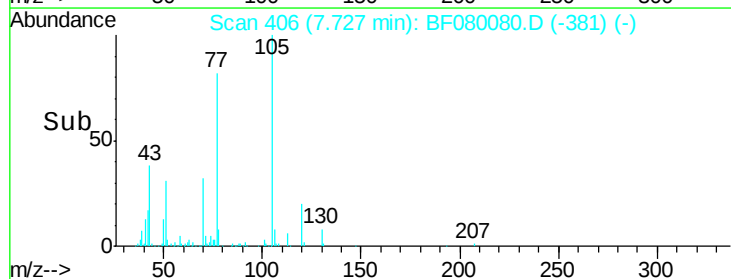
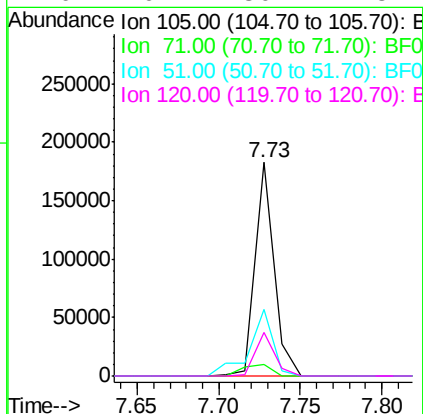
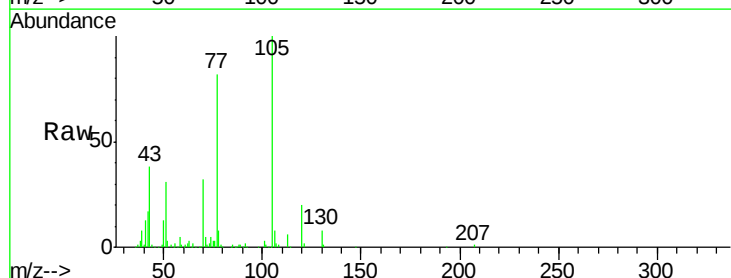
RT: 7.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148223		
71	5.2	4.7	7.1	
51	31.0	22.0	33.0	
120	20.2	30.1	45.1	#





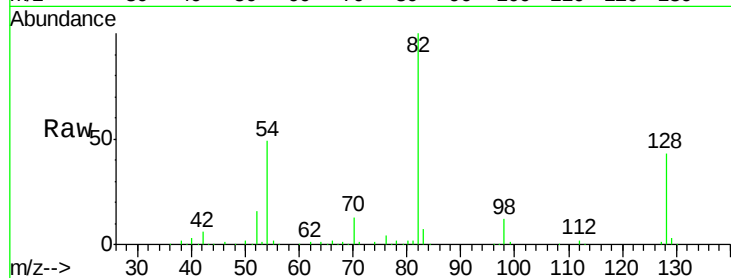
#23
 Nitrobenzene-d5
 Concen: 79.53 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

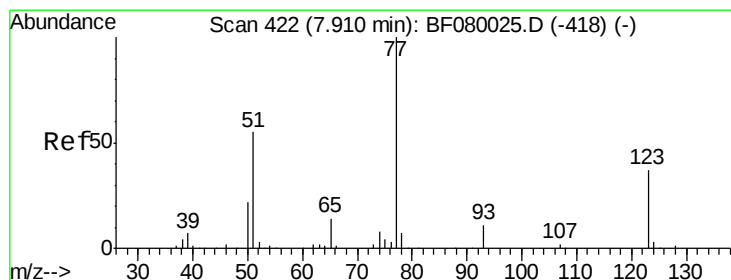
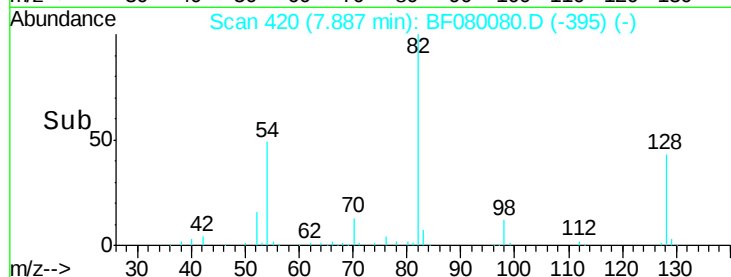
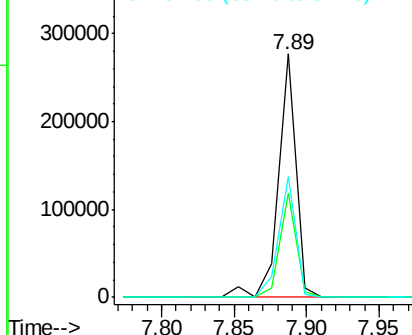
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	49.4	47.5	71.3

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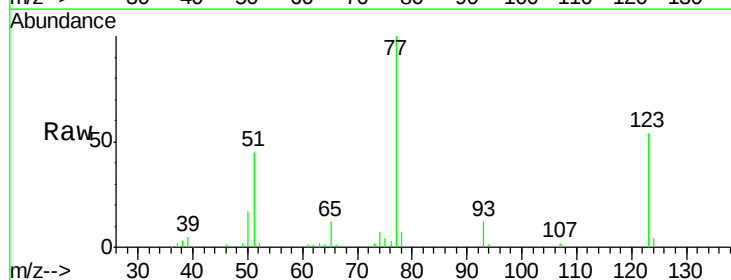


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

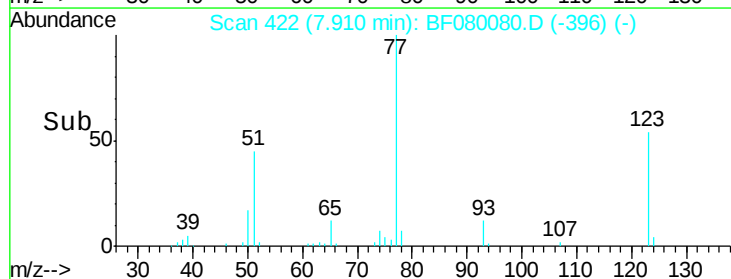
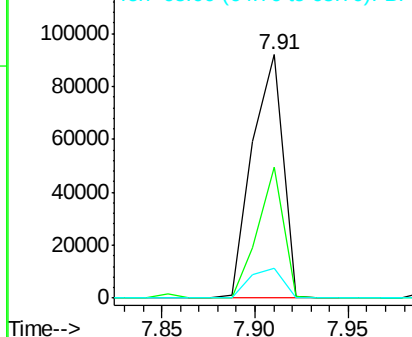


#24
 Nitrobenzene
 Concen: 34.78 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.9	59.8	89.8#
65	12.4	10.2	15.4



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





#25

Isophorone

Concen: 33.62 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampled :

PE-2MSD

Tgt Ion: 82 Resp: 197503
Ion Ratio Lower Upper

82 100

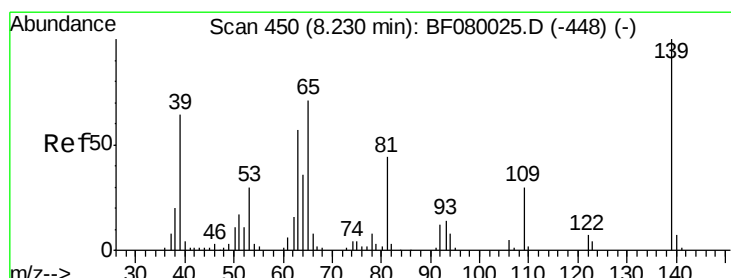
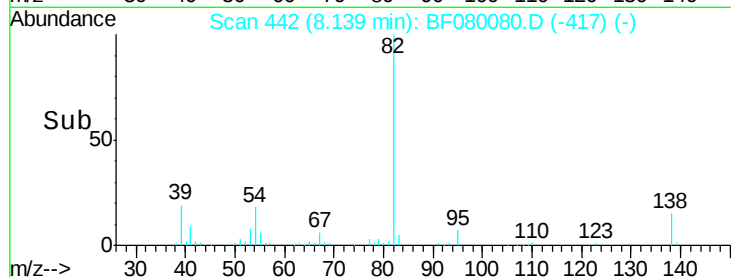
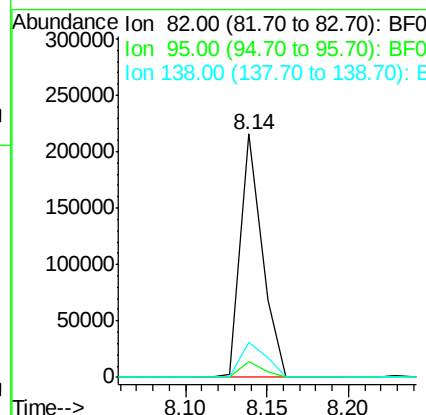
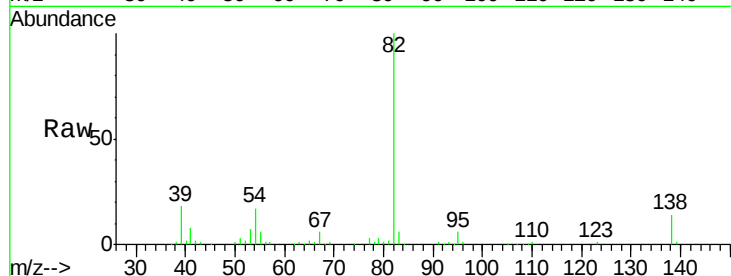
95 6.4 4.0 6.0#

138 14.5 18.3 27.5#

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#26

2-Nitrophenol

Concen: 40.21 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080080.D

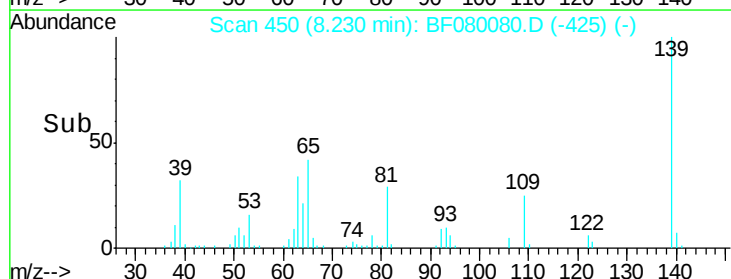
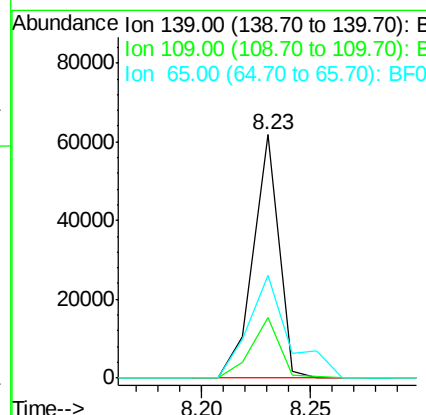
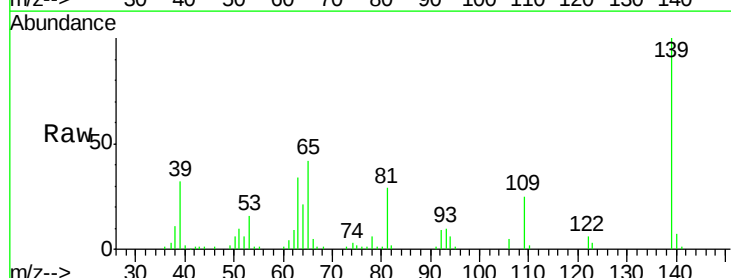
Acq: 20 Jun 2015 4:32

Tgt Ion: 139 Resp: 50699
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 42.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 34.11 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

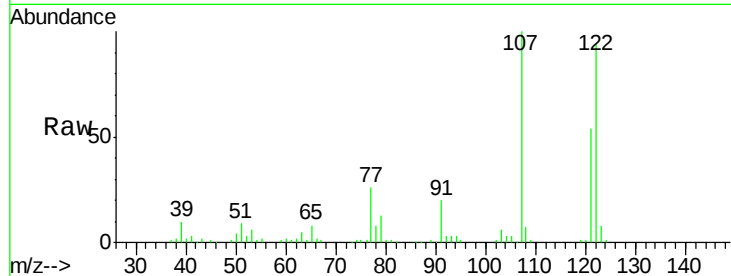
ClientSampleId :

PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	89686		
107	106.7	71.8	107.6	
121	57.2	42.3	63.5	

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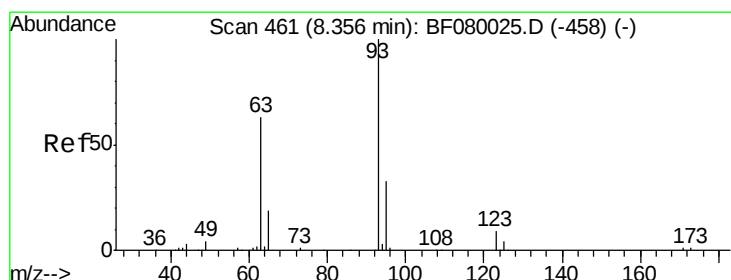
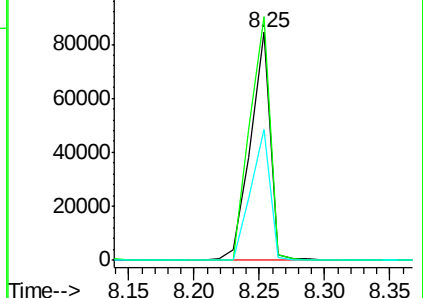
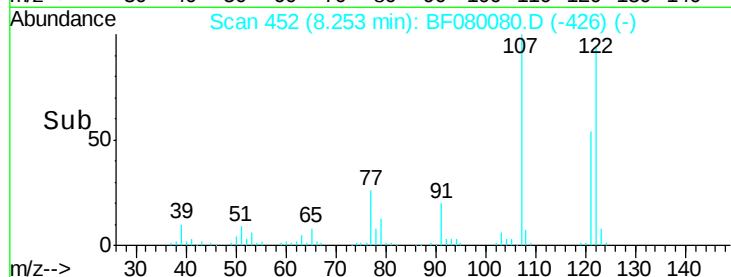
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.89 ng

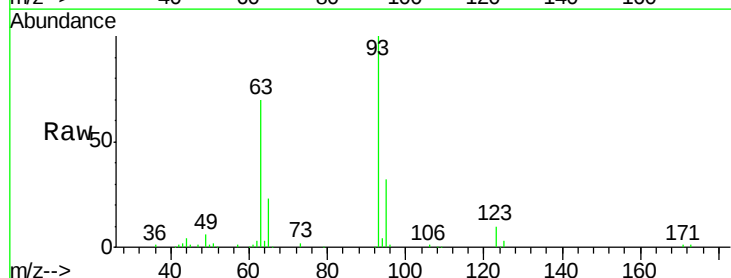
RT: 8.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

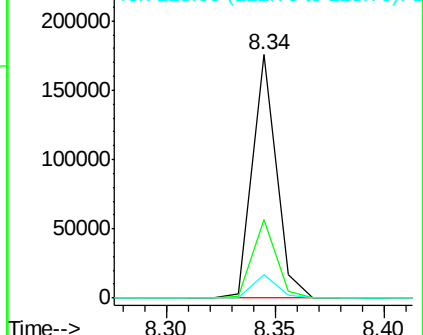
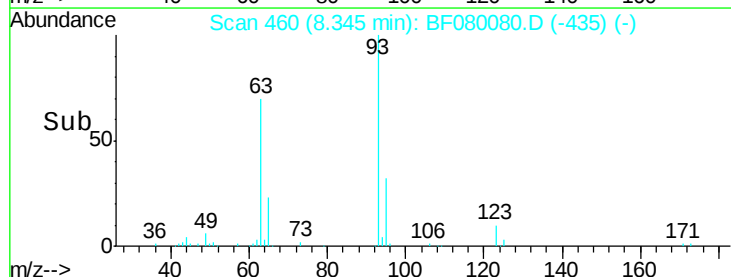
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134217		
95	32.3	27.5	41.3	
123	9.6	13.7	20.5	



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





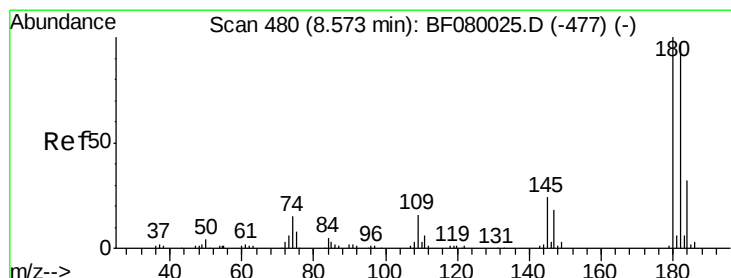
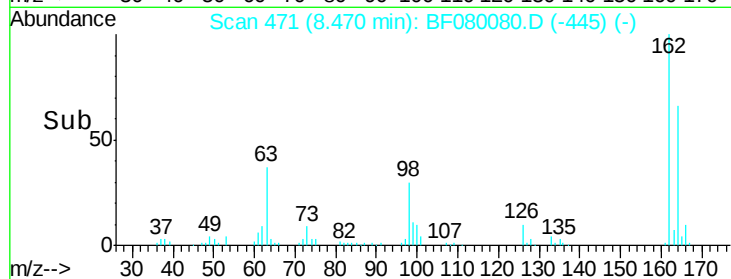
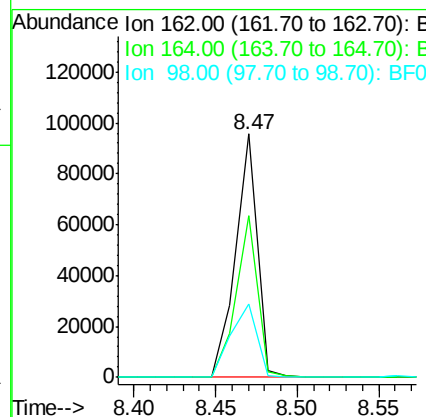
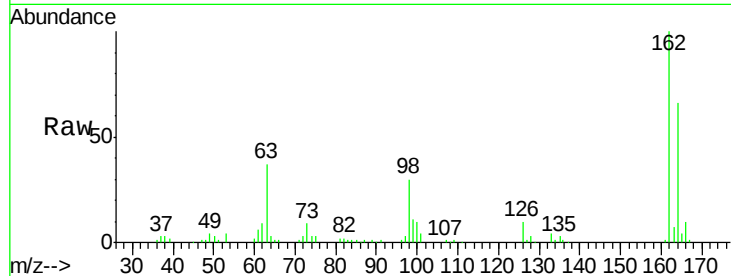
#29
 2,4-Dichlorophenol
 Concen: 38.98 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	87779		
164	66.4	44.9	84.9	
98	29.9	13.0	53.0	

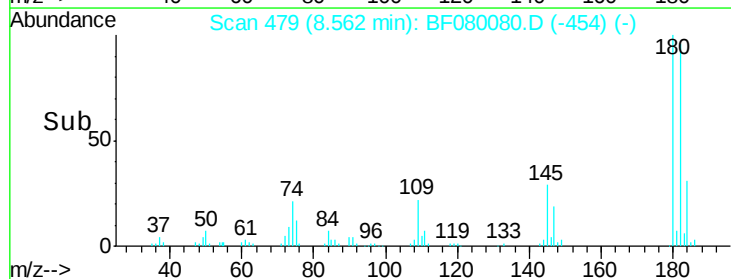
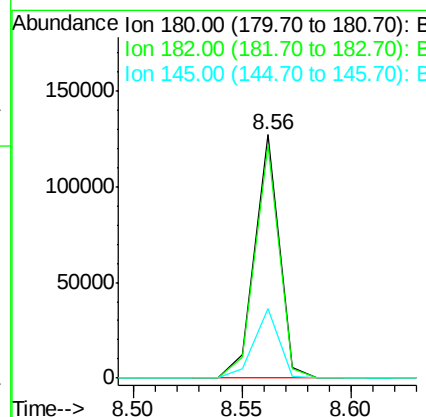
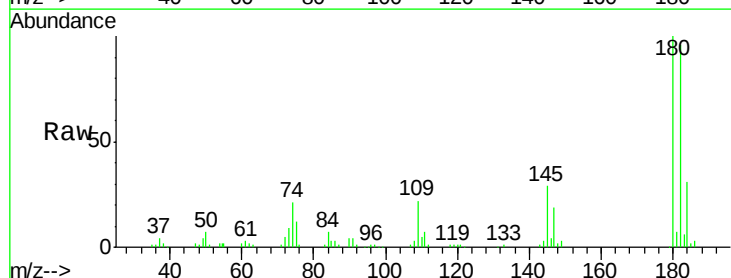
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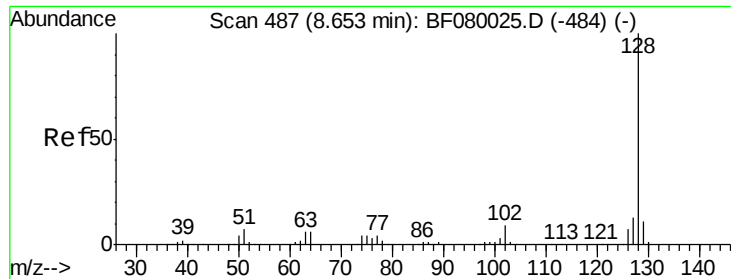
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.84 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99317		
182	95.8	77.1	115.7	
145	28.6	23.3	34.9	





#31

Naphthalene

Concen: 33.76 ng m

RT: 8.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

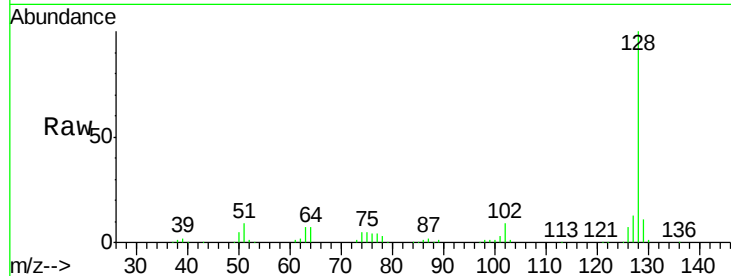
ClientSampleId :

PE-2MSD

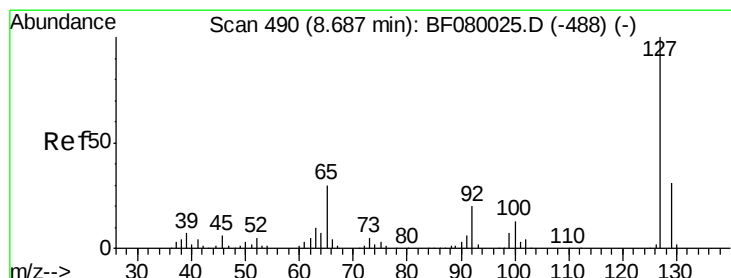
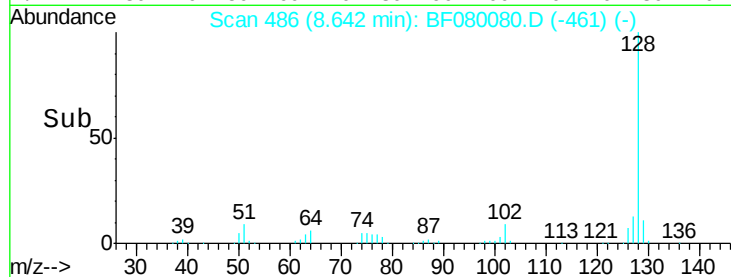
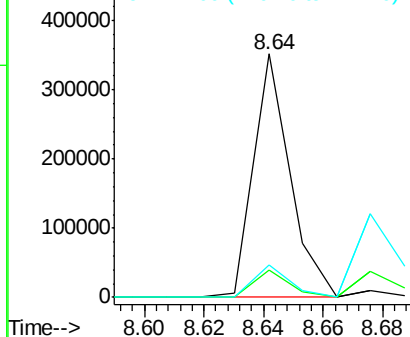
Tgt Ion:	128	Resp:	299909
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.4	12.6
127	13.2	9.9	14.9

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



#33

4-Chloroaniline

Concen: 30.02 ng m

RT: 8.68 min Scan# 489

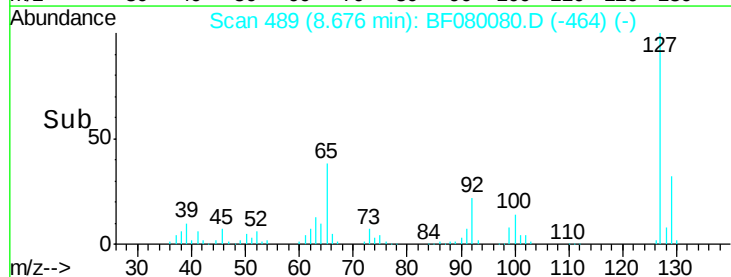
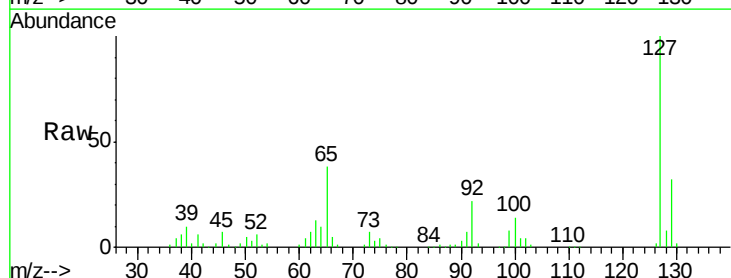
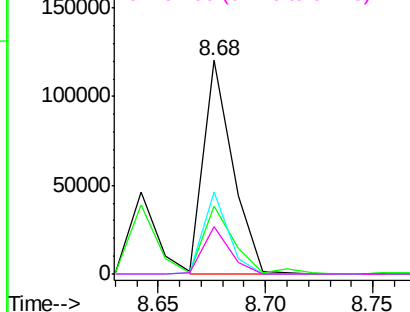
Delta R.T. -0.01 min

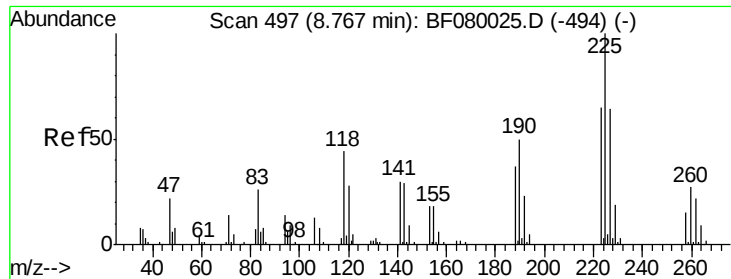
Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	127	Resp:	114136
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.8	38.6
65	38.1	17.9	26.9#
92	22.1	10.5	15.7#

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 34.76 ng

RT: 8.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

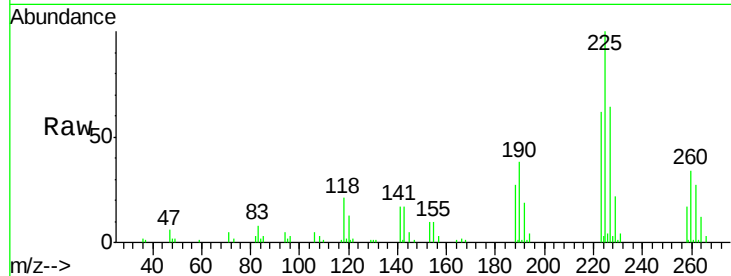
ClientSampleId :

PE-2MSD

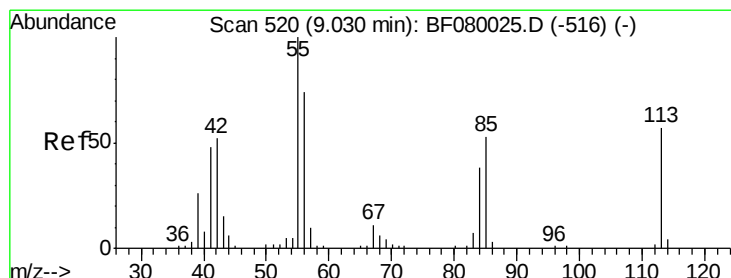
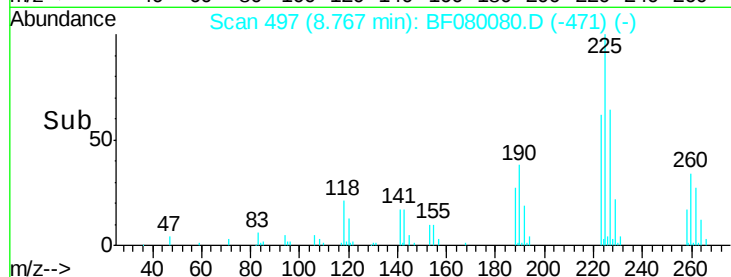
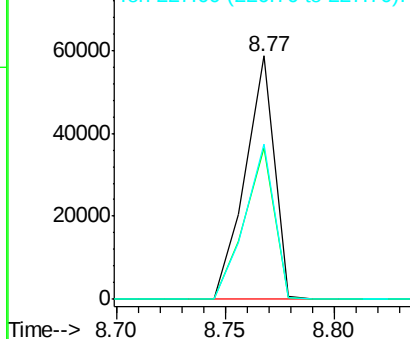
Tgt Ion:	225	Resp:	54737
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.2	75.2
227	63.8	52.2	78.2

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 33.87 ng

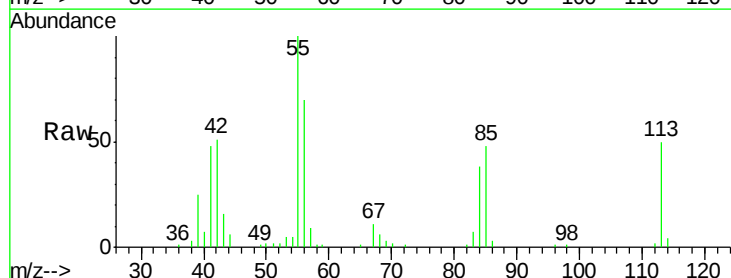
RT: 9.01 min Scan# 518

Delta R.T. -0.03 min

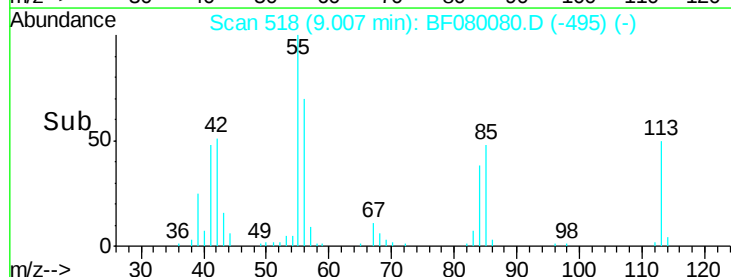
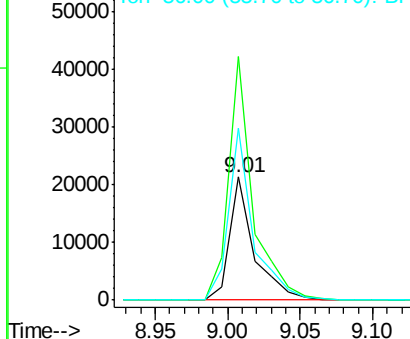
Lab File: BF080080.D

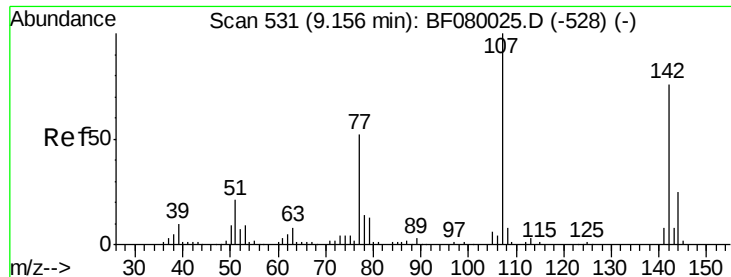
Acq: 20 Jun 2015 4:32

Tgt Ion:	113	Resp:	24756
Ion Ratio	Lower	Upper	
113	100		
55	198.1	152.4	192.4#
56	139.5	104.6	144.6



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: 35.84 ng

RT: 9.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

PE-2MSD

Tgt Ion:107 Resp: 91030
Ion Ratio Lower Upper

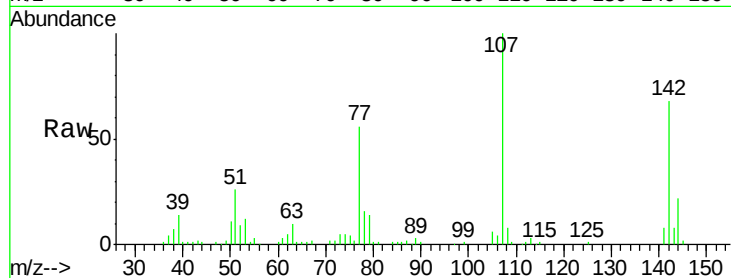
107 100

144 21.5 25.4 38.0#

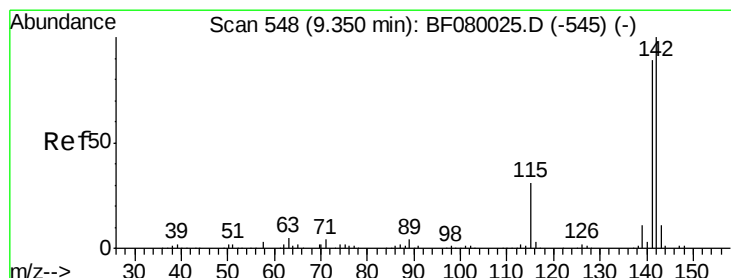
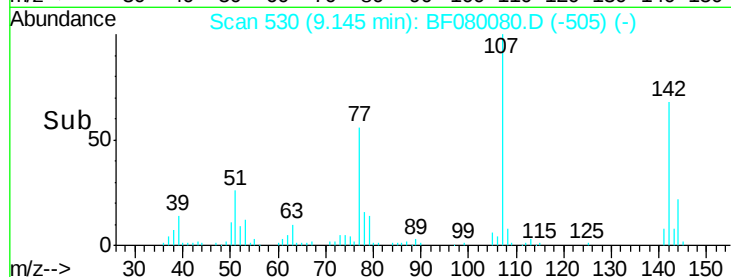
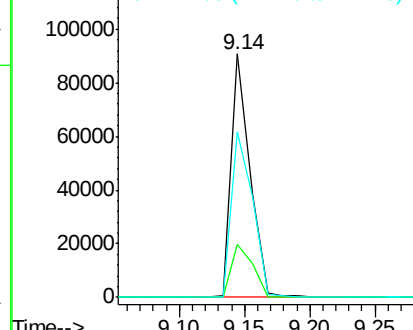
142 68.2 77.3 115.9#

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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: 39.67 ng

RT: 9.34 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF080080.D

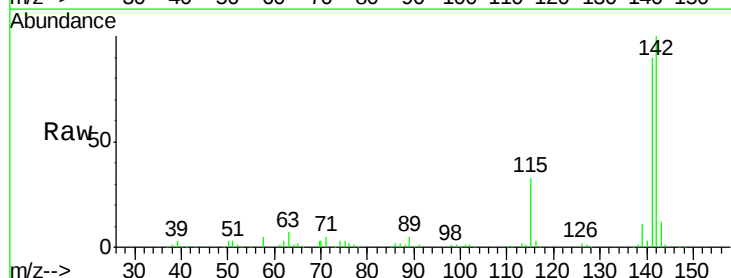
Acq: 20 Jun 2015 4:32

Tgt Ion:142 Resp: 227933
Ion Ratio Lower Upper

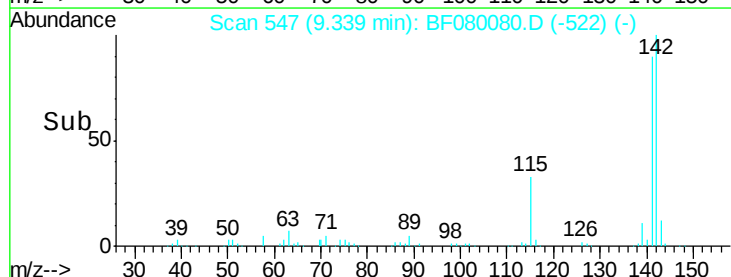
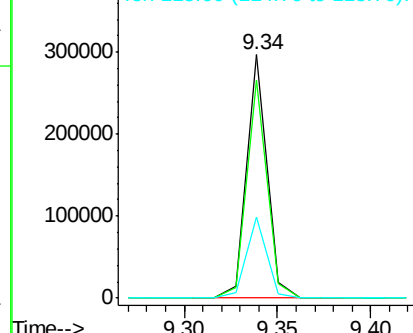
142 100

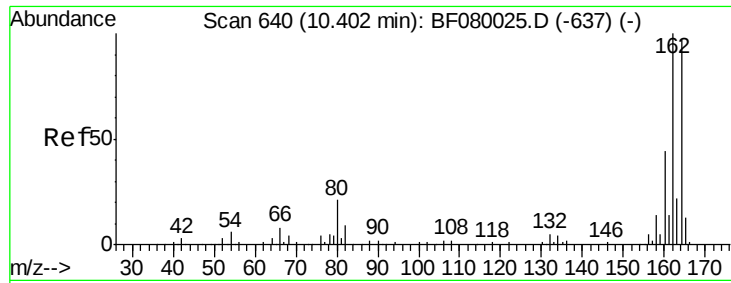
141 89.5 67.5 101.3

115 33.1 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





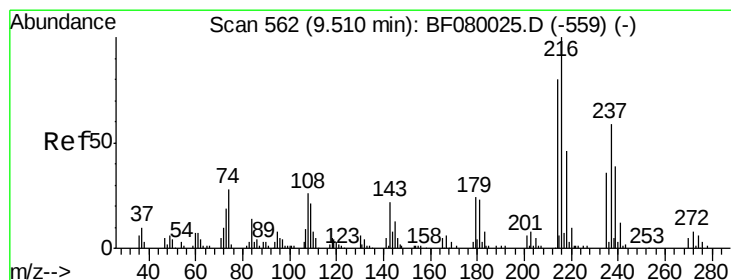
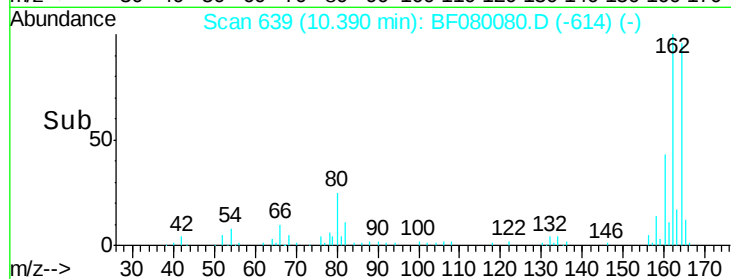
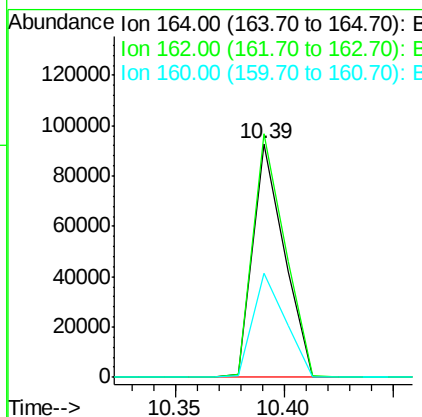
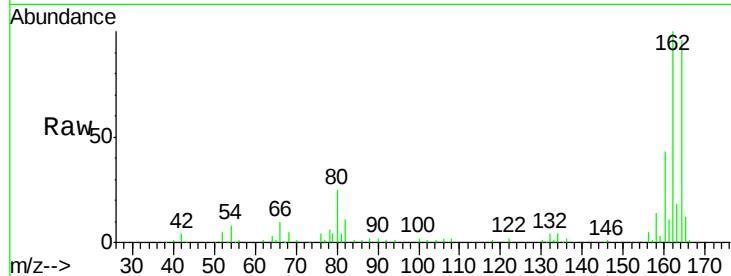
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93260		
162	104.1	75.2	112.8	
160	44.6	31.5	47.3	

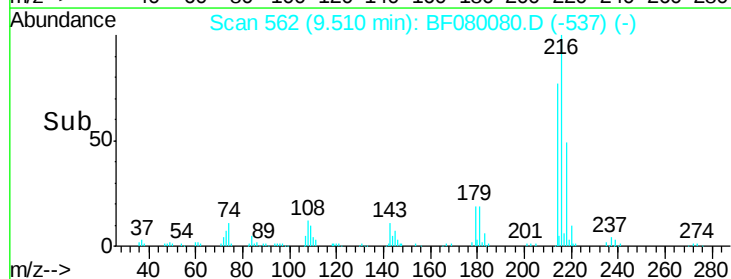
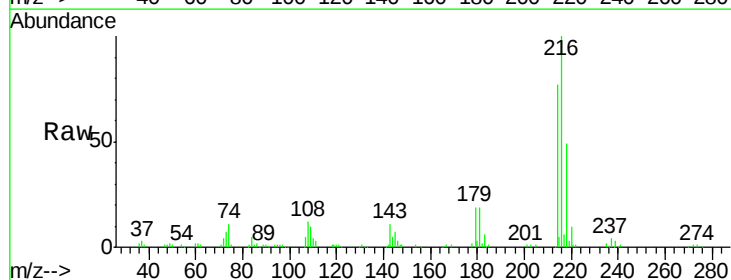
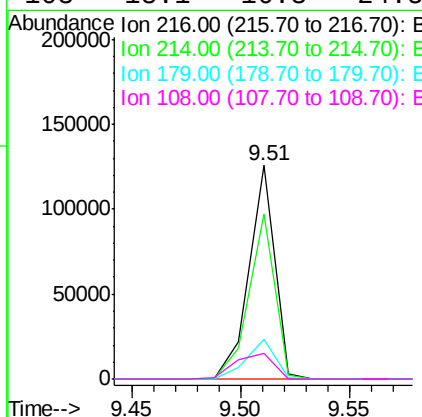
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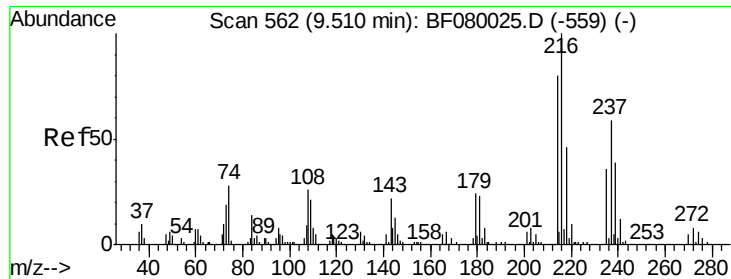
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.16 ng
RT: 9.51 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	103562		
214	77.5	63.5	95.3	
179	20.3	16.6	24.8	
108	18.1	16.3	24.5	





#40

Hexachlorocyclopentadiene

Concen: 70.80 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

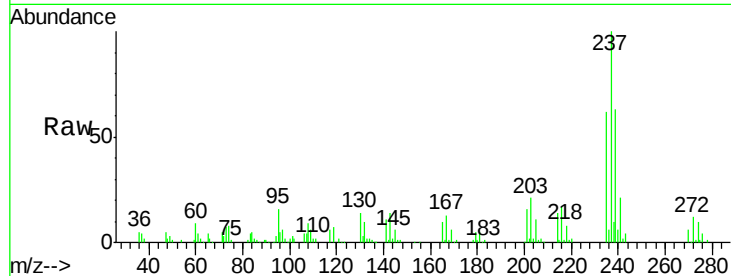
ClientSampleId :

PE-2MSD

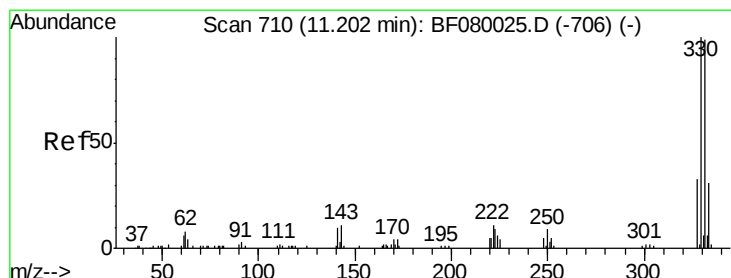
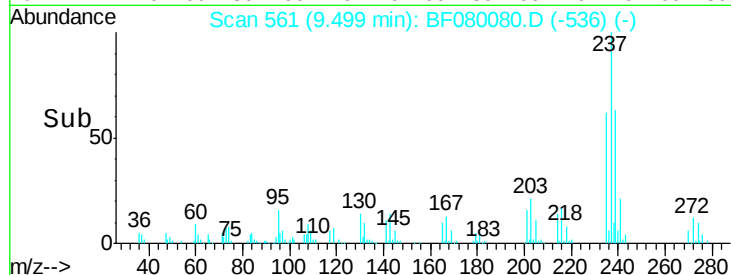
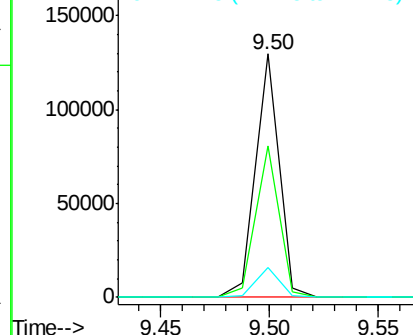
Tgt Ion:	237	Resp:	97787
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.0	82.0
272	12.2	0.0	36.1

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 120.43 ng

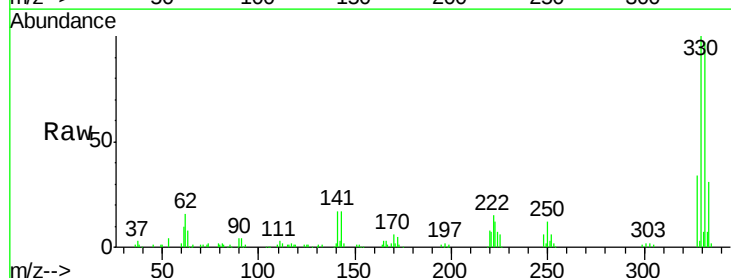
RT: 11.19 min Scan# 709

Delta R.T. -0.01 min

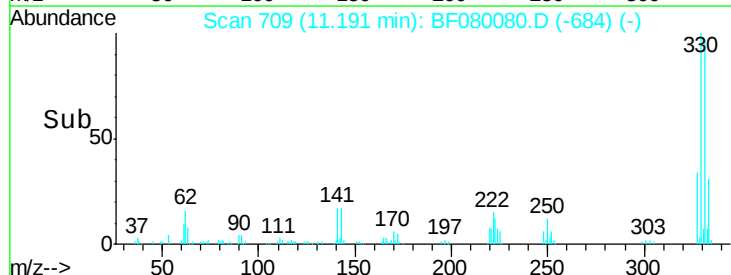
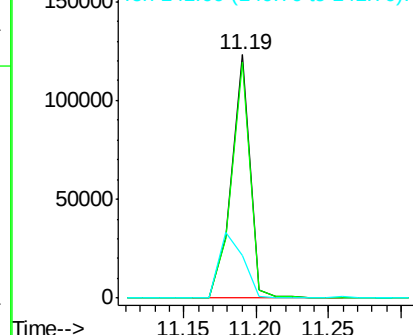
Lab File: BF080080.D

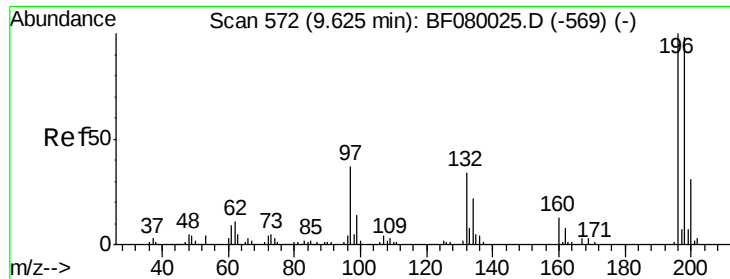
Acq: 20 Jun 2015 4:32

Tgt Ion:	330	Resp:	109827
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	114.8
141	34.9	29.7	44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





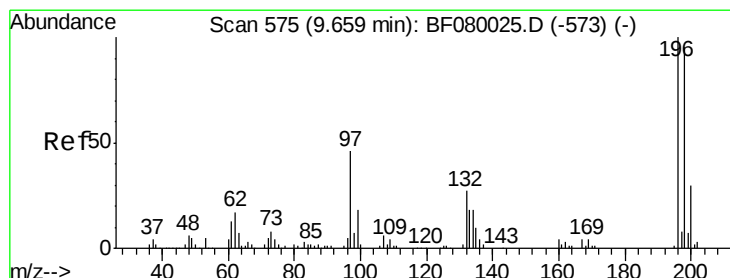
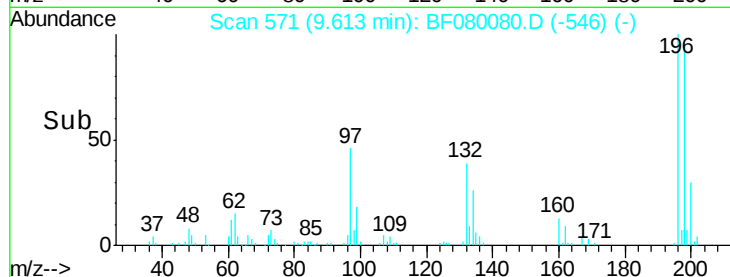
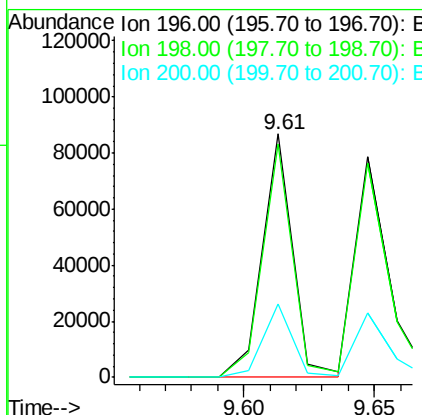
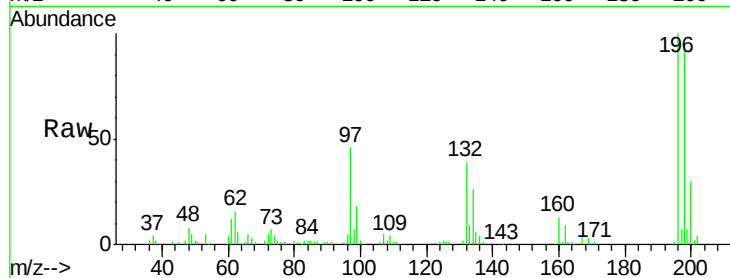
#42
 2,4,6-Trichlorophenol
 Concen: 38.21 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampled :
 PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70564		
198	95.9	75.7	113.5	
200	30.0	23.9	35.9	

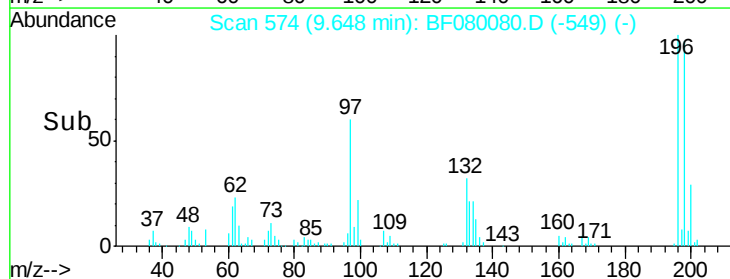
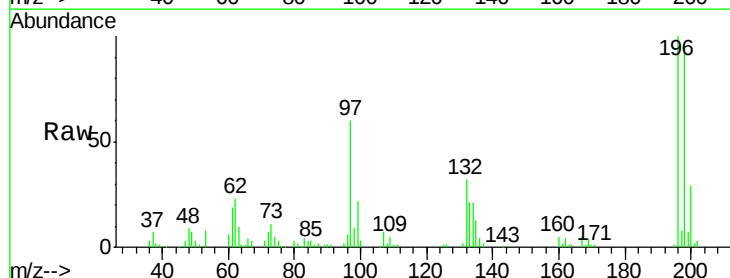
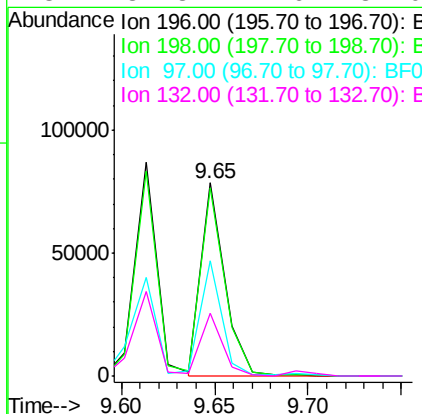
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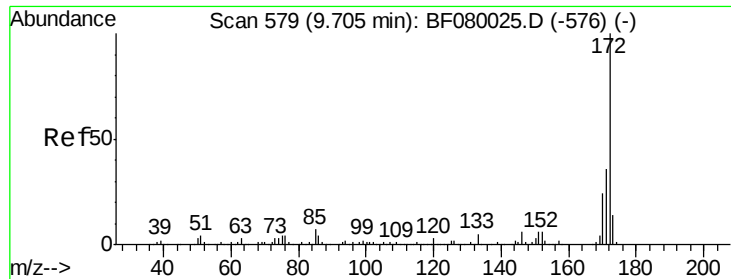
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#43
 2,4,5-Trichlorophenol
 Concen: 32.70 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69560		
198	97.1	75.4	113.0	
97	59.6	33.3	49.9	
132	32.3	24.6	37.0	





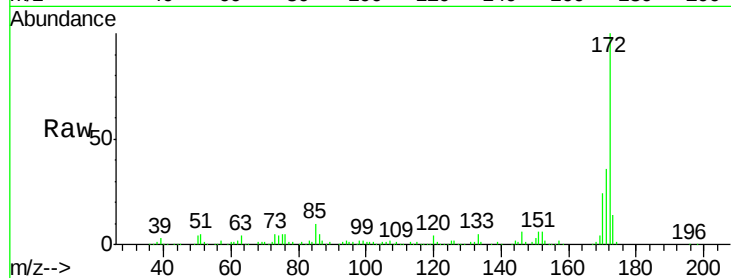
#44
 2-Fluorobiphenyl
 Concen: 65.29 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

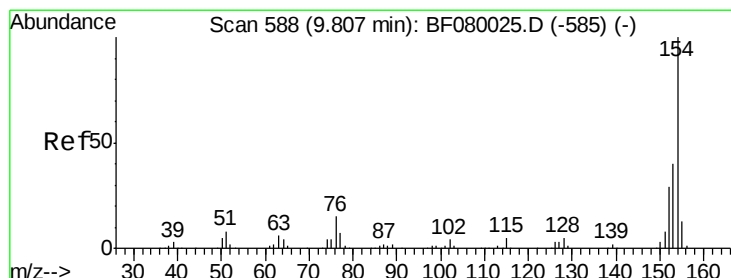
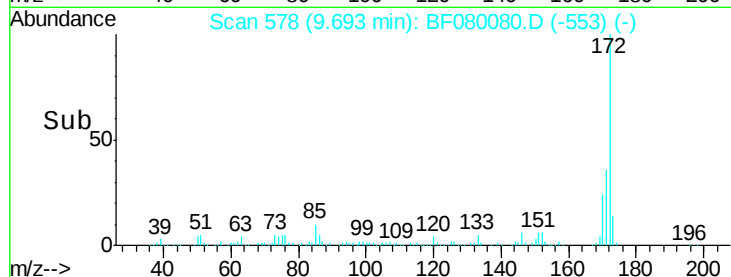
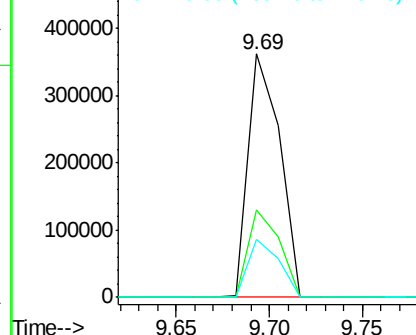
Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	26.1	39.1
170	23.9	17.4	26.2

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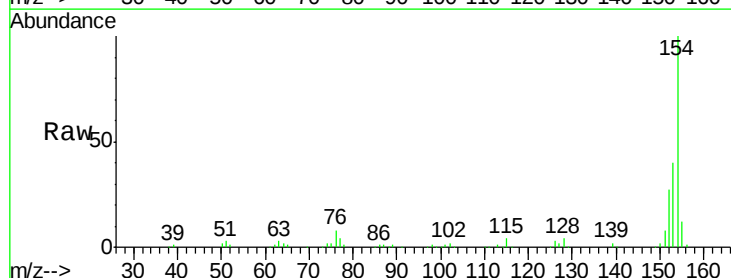


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

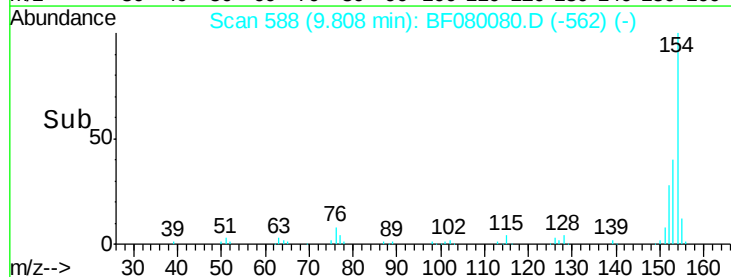
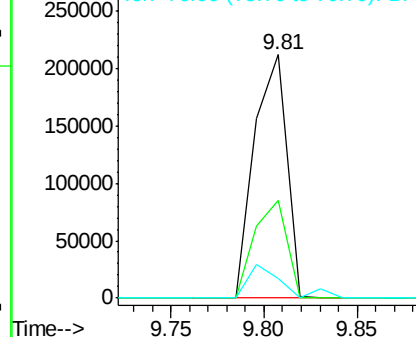


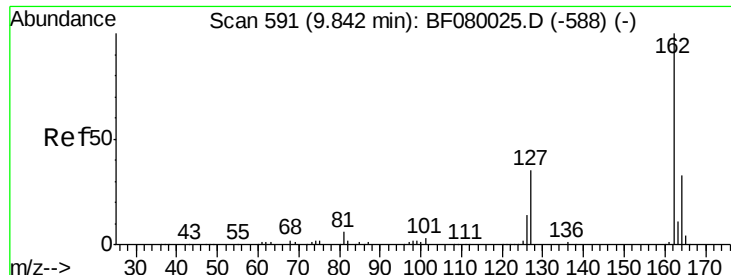
#45
 1,1'-Biphenyl
 Concen: 33.51 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.9	17.1	57.1
76	7.9	0.0	31.6



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





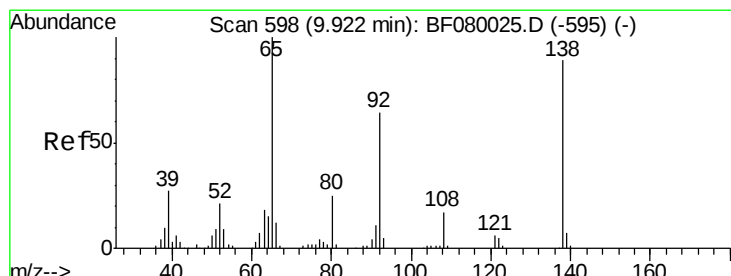
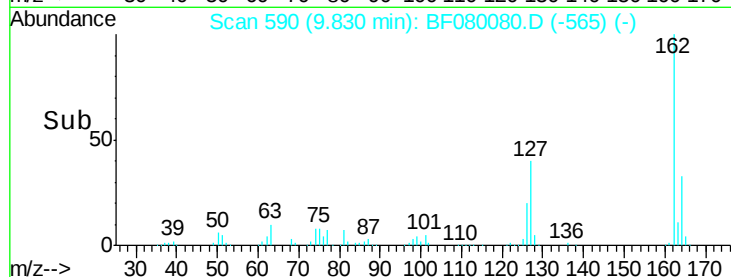
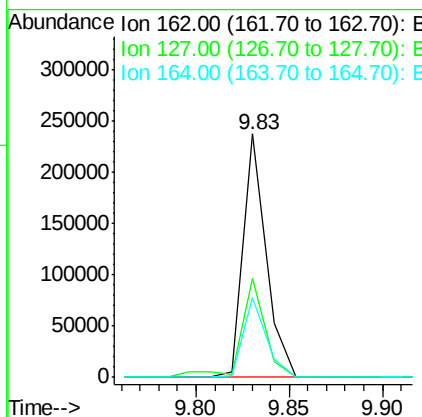
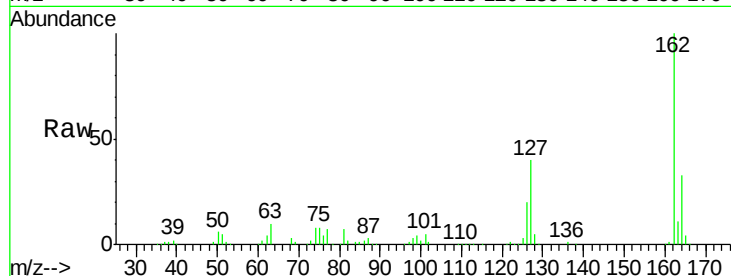
#46
2-Chloronaphthalene
Concen: 32.87 ng
RT: 9.83 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.5	27.6	41.4
164	32.6	25.4	38.2

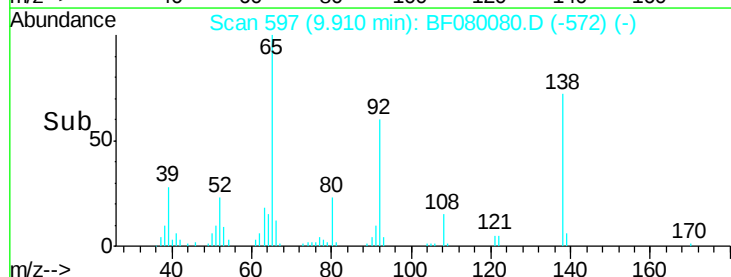
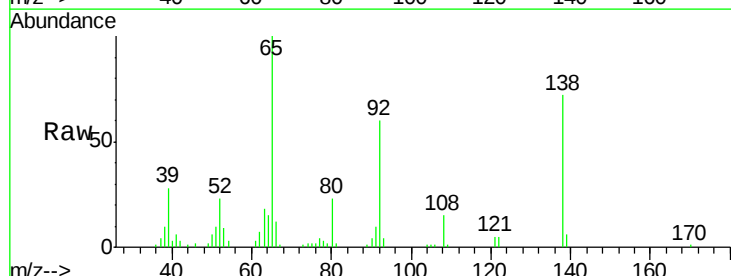
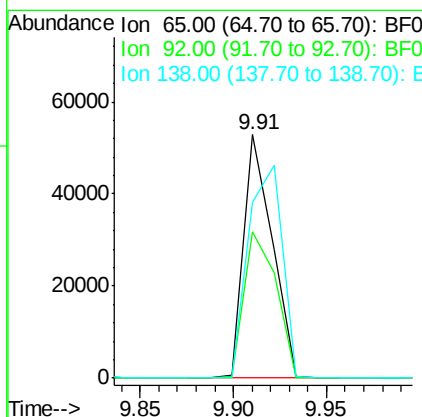
Manual Integrations
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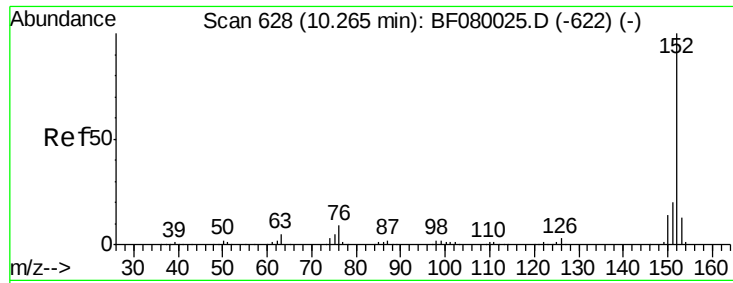
apatel
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#47
2-Nitroaniline
Concen: 33.22 ng
RT: 9.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	60.0	55.4	83.0
138	72.4	115.5	173.3





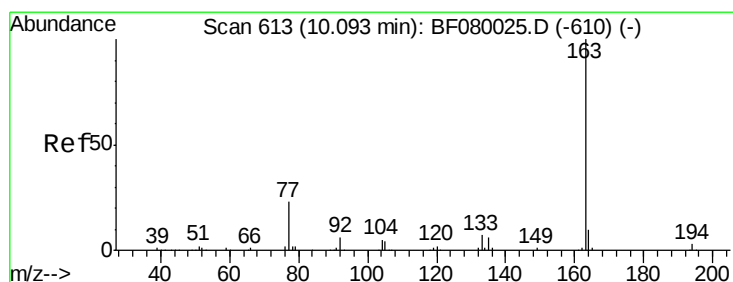
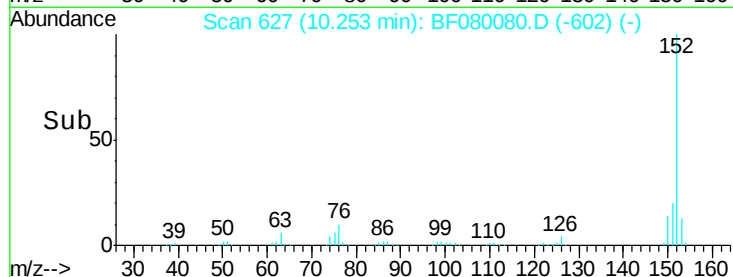
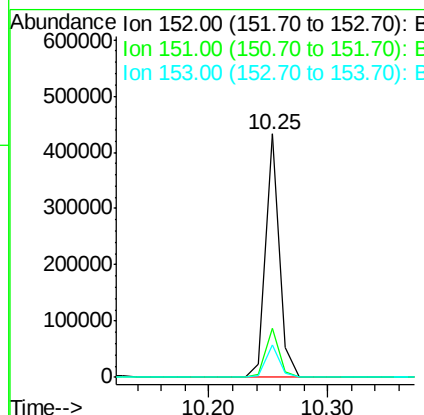
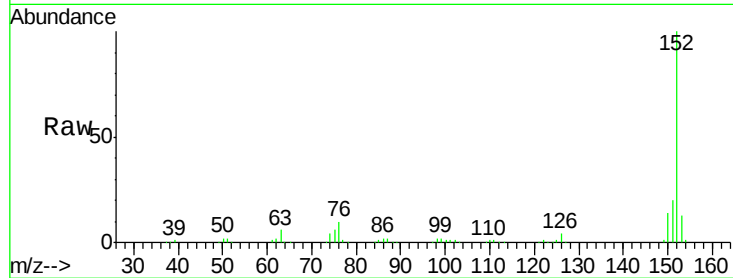
#48
Acenaphthylene
Concen: 34.08 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	19.9	14.6	22.0
153	13.2	10.3	15.5

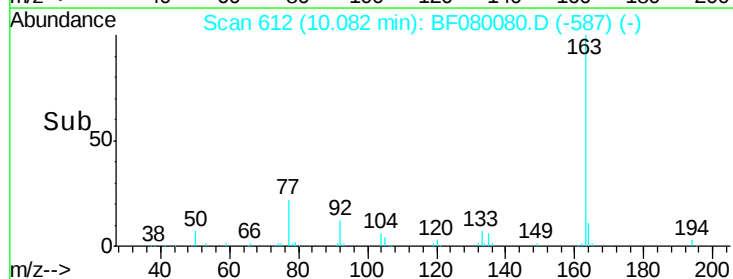
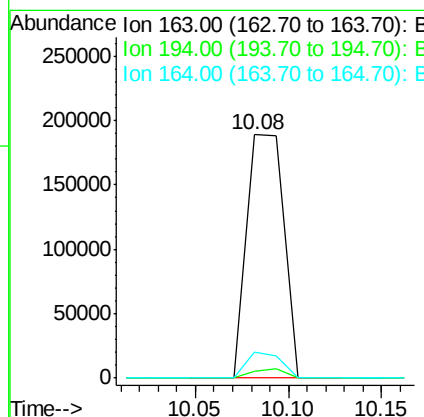
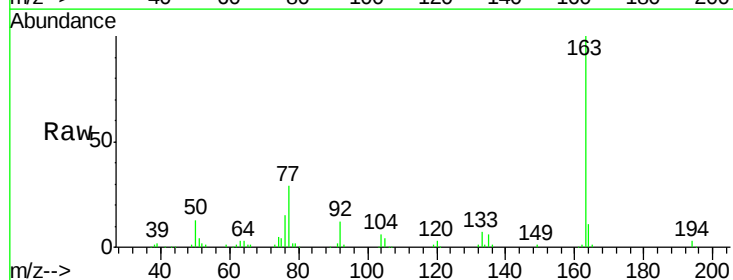
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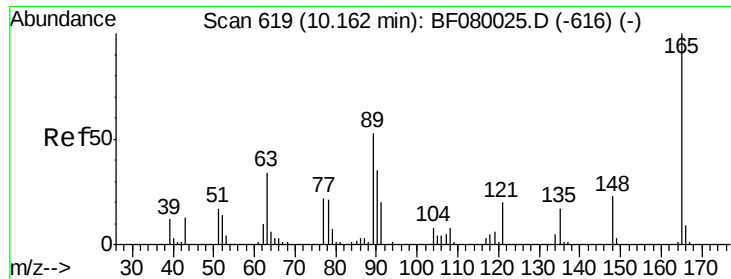
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#49
Dimethylphthalate
Concen: 37.02 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	4.4	6.6#
164	10.5	8.3	12.5





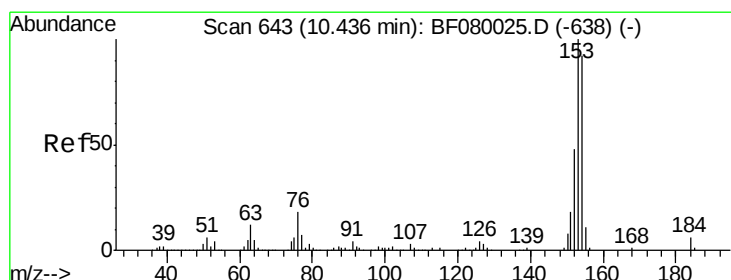
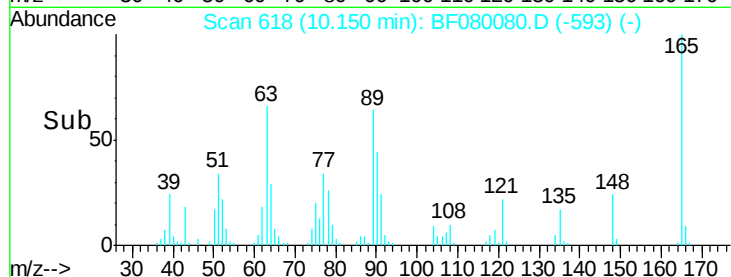
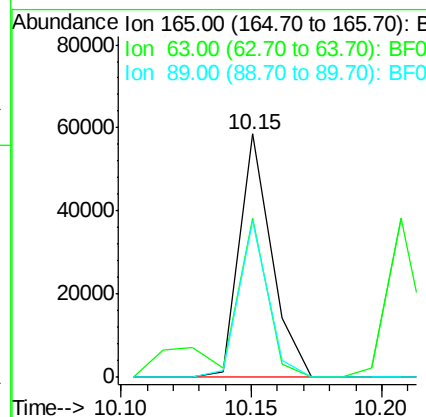
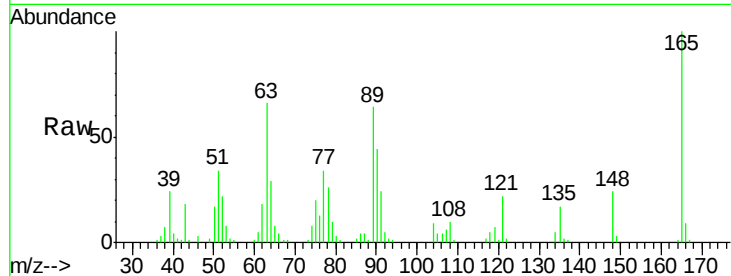
#50
 2,6-Dinitrotoluene
 Concen: 36.11 ng
 RT: 10.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	65.6	32.3	48.5#
89	64.4	28.6	43.0#

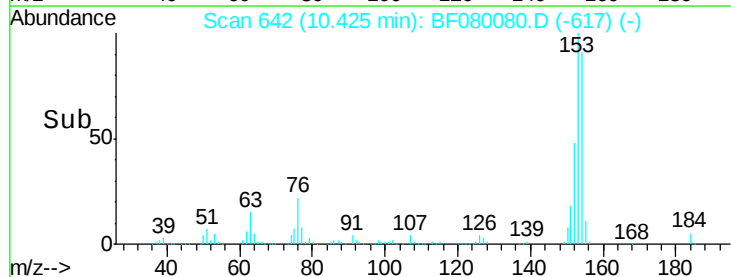
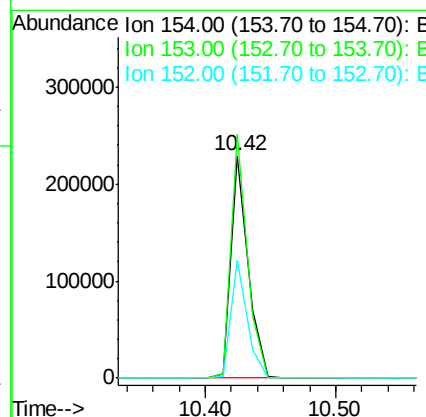
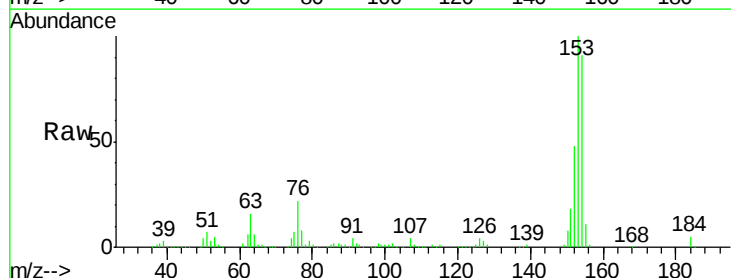
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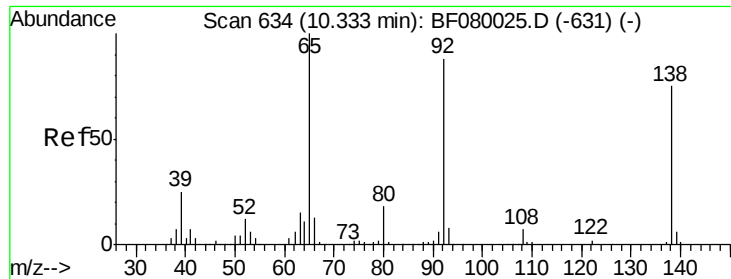
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#51
 Acenaphthene
 Concen: 33.43 ng
 RT: 10.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	109.6	82.1	123.1
152	53.1	37.9	56.9





#52

3-Nitroaniline

Concen: 33.60 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF080080.D

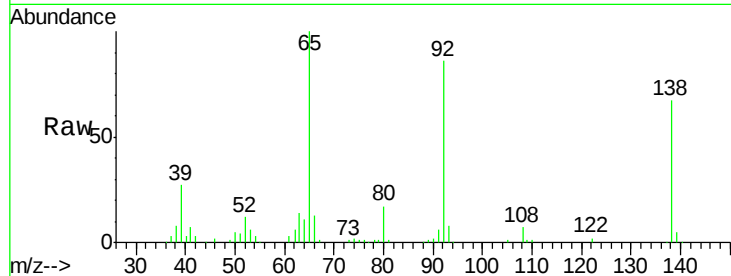
Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampled :

PE-2MSD



Tgt Ion:138 Resp: 54492

Ion Ratio Lower Upper

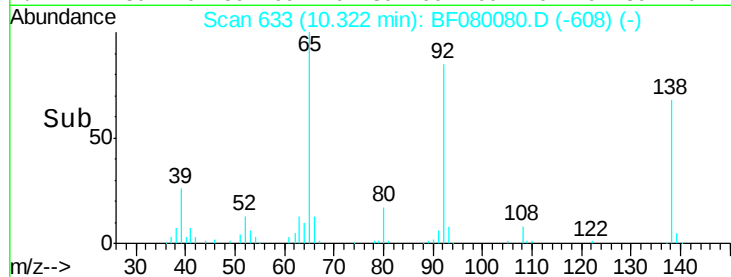
138 100

108 11.2 5.7 8.5#

92 127.9 67.7 101.5#

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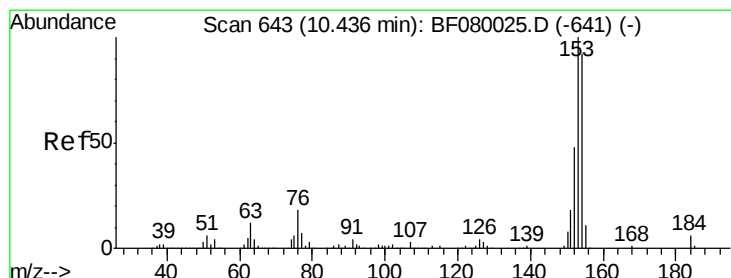
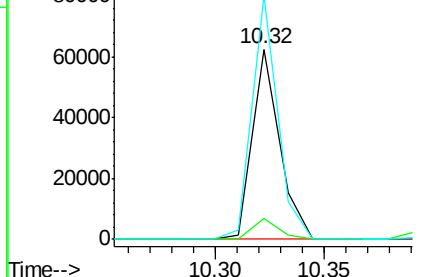
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 52.41 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

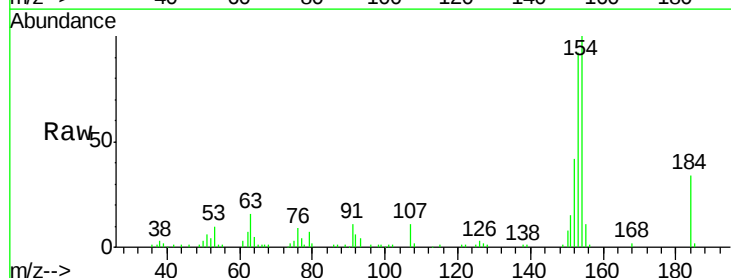
Tgt Ion:184 Resp: 28742

Ion Ratio Lower Upper

184 100

63 45.7 35.4 53.2

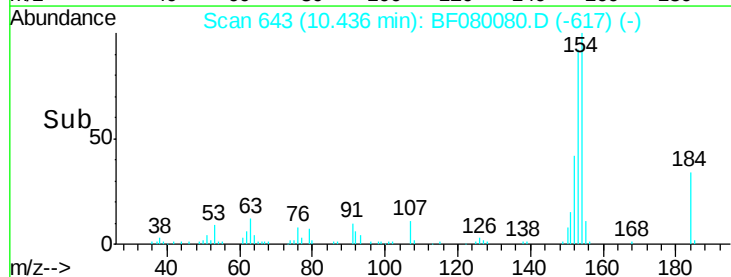
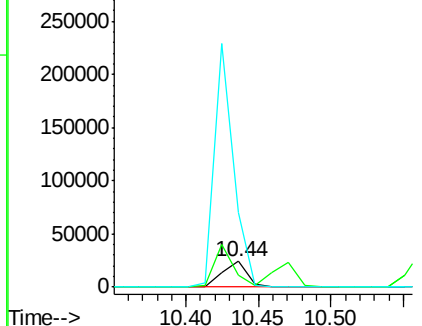
154 291.8 32.2 48.4#

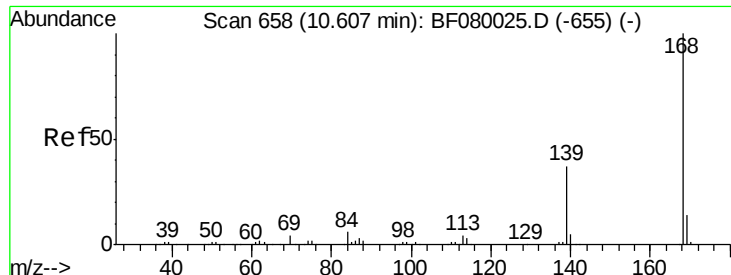


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





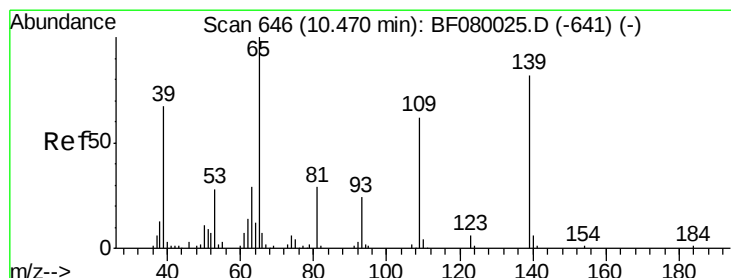
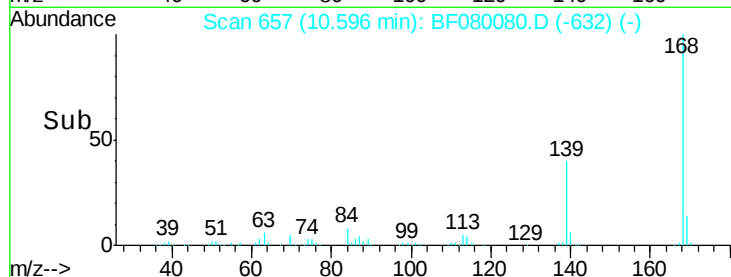
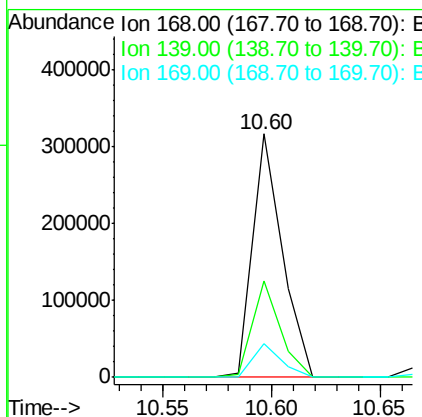
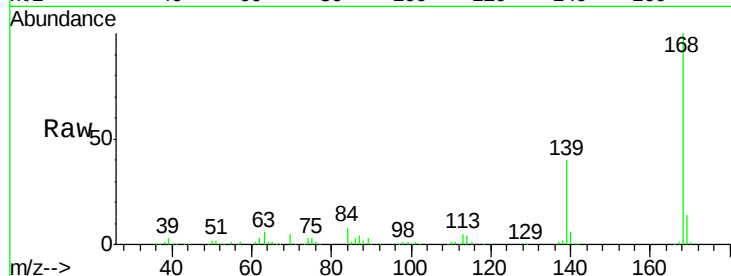
#54
Dibenzenofuran
Concen: 33.73 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	24.2	36.2#
169	13.7	10.6	15.8

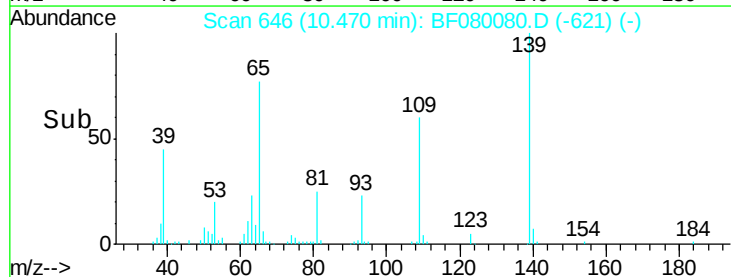
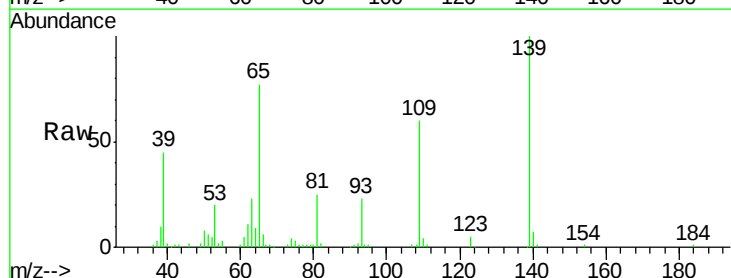
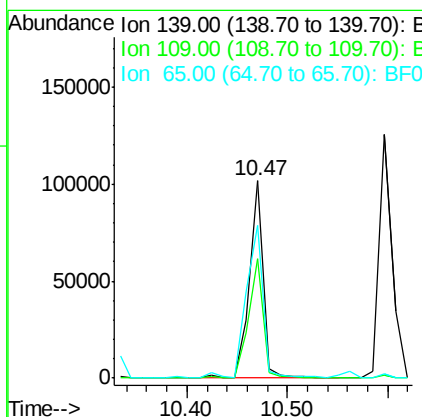
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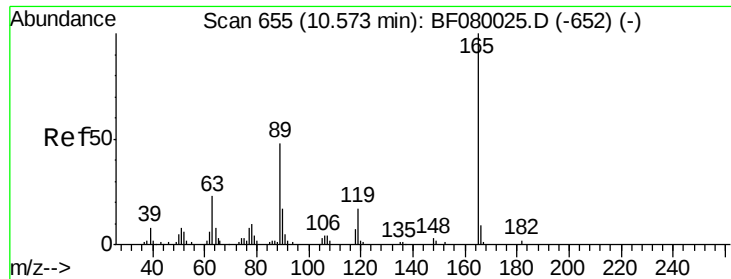
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#55
4-Nitrophenol
Concen: 75.04 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.3	12.7	52.7#
65	77.3	45.9	85.9





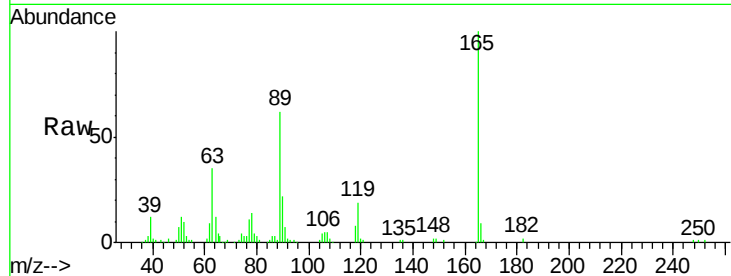
#56
2,4-Dinitrotoluene
Concen: 41.25 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

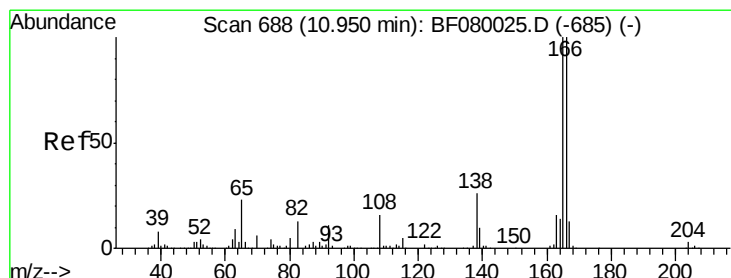
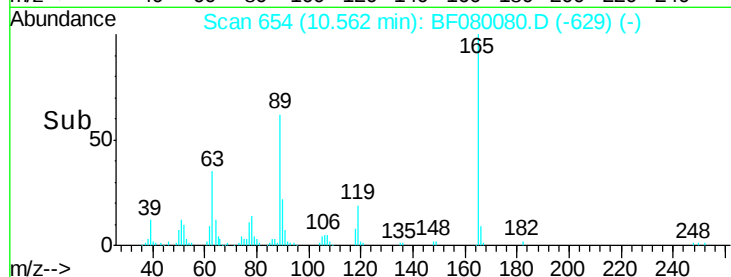
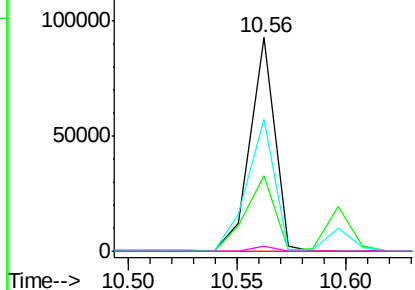
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		73576
63	35.3	29.8	44.6
89	61.5	44.5	66.7
182	2.3	3.0	4.4#

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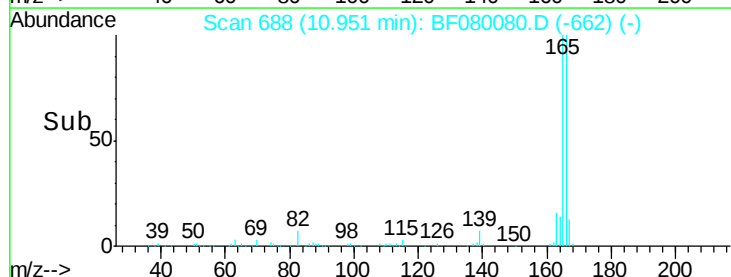
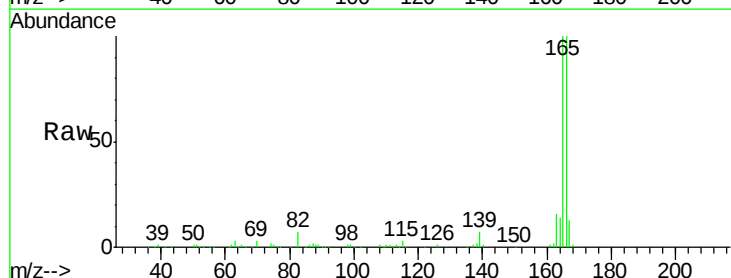
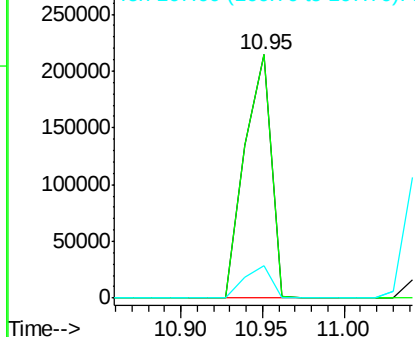
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

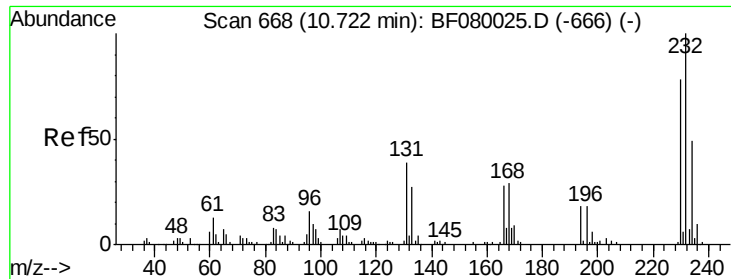


#57
Fluorene
Concen: 34.10 ng
RT: 10.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		241388
165	99.9	72.6	109.0
167	13.1	10.6	16.0

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





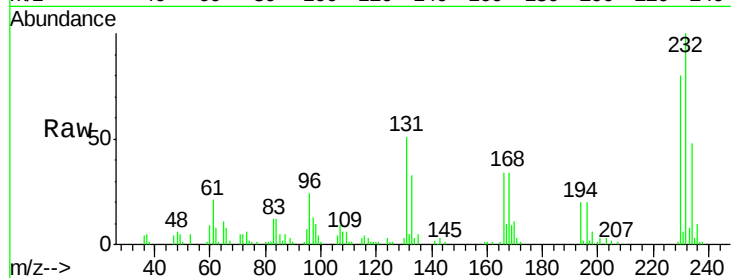
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.83 ng
 RT: 10.71 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

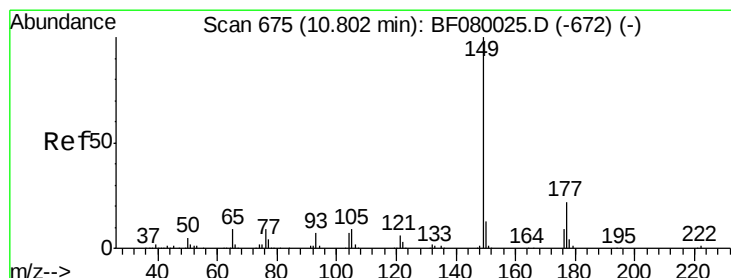
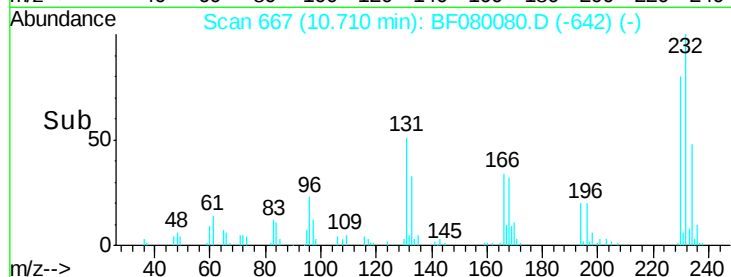
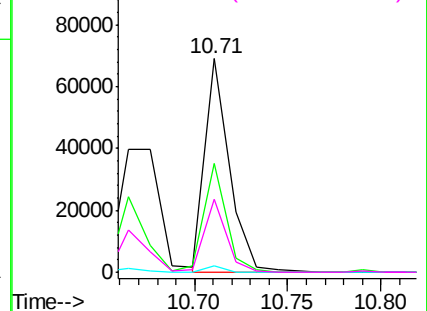
Tgt Ion:	232	Resp:	62561
Ion Ratio	Lower	Upper	
232	100		
131	46.2	38.5	57.7
130	2.2	1.8	2.6
166	30.9	25.0	37.6

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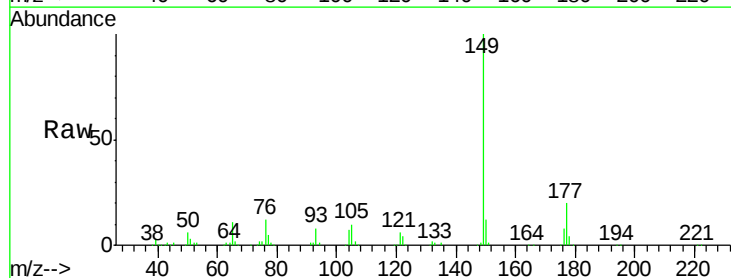


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

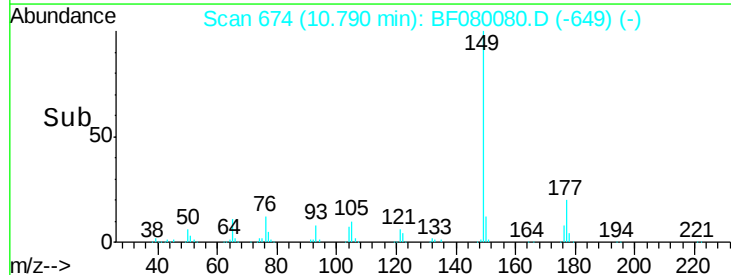
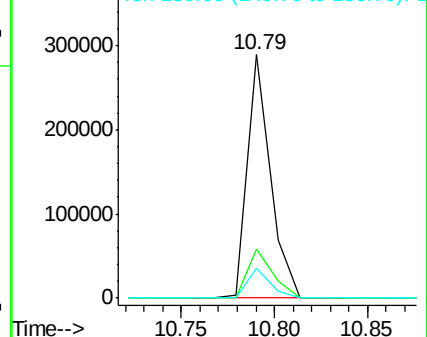


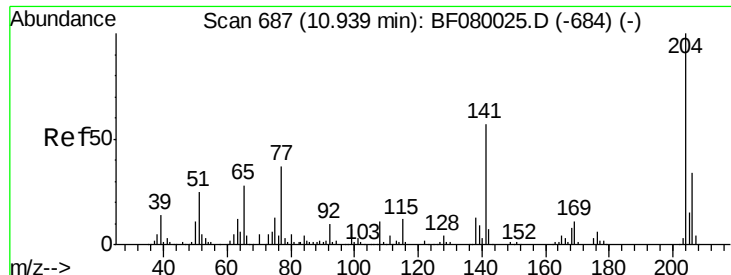
#59
 Diethylphthalate
 Concen: 35.27 ng
 RT: 10.79 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:	149	Resp:	249033
Ion Ratio	Lower	Upper	
149	100		
177	20.4	17.5	26.3
150	12.5	9.4	14.2



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





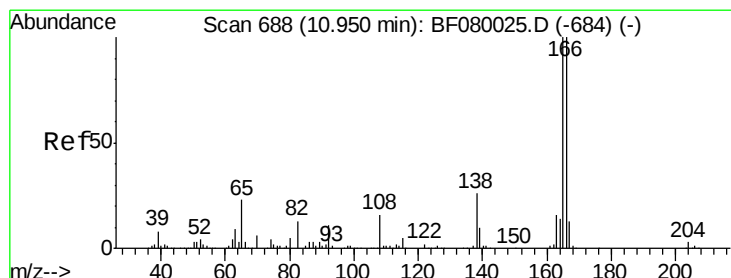
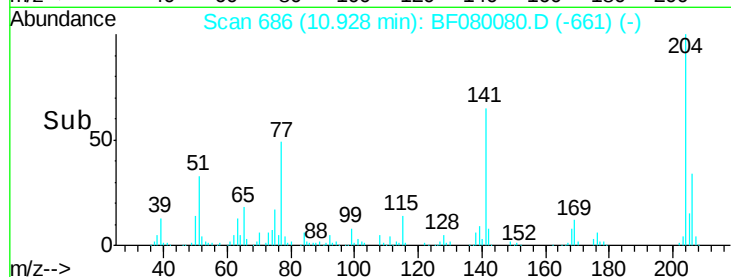
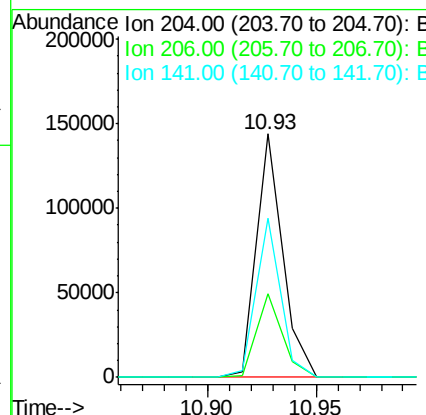
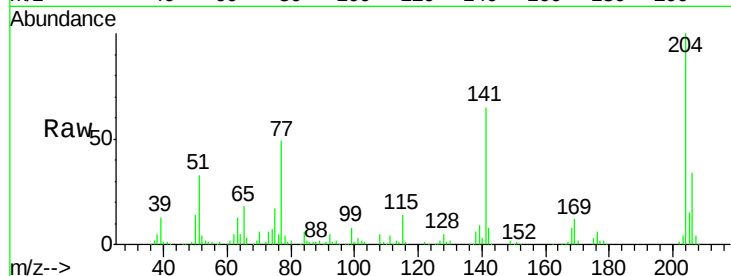
#60
 4-Chlorophenyl-phenylether
 Concen: 35.49 ng
 RT: 10.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.4	24.8	37.2
141	65.3	42.2	63.4

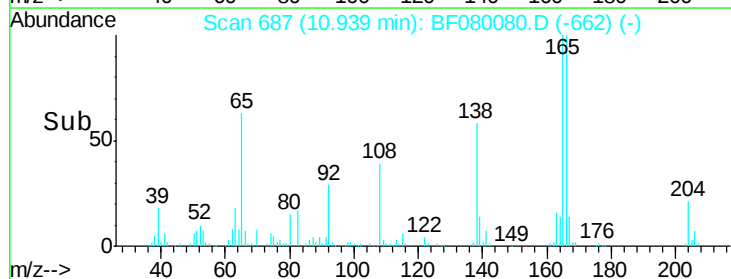
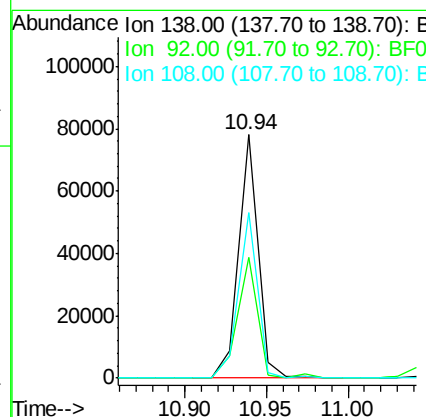
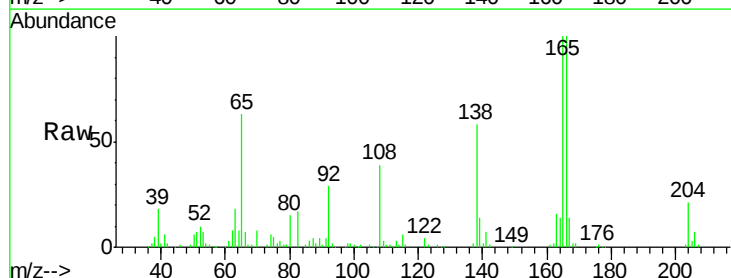
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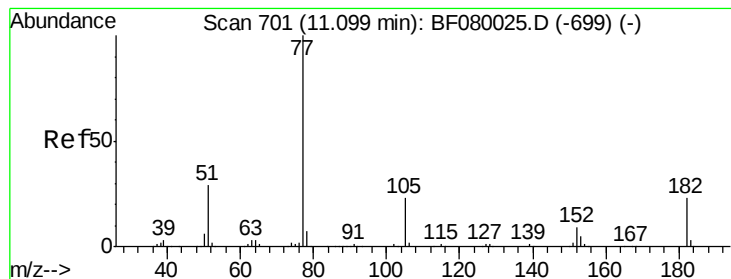
apatel
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#61
 4-Nitroaniline
 Concen: 37.92 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	49.3	12.6	52.6
108	67.9	12.4	52.4





#62

Azobenzene

Concen: 37.28 ng

RT: 11.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

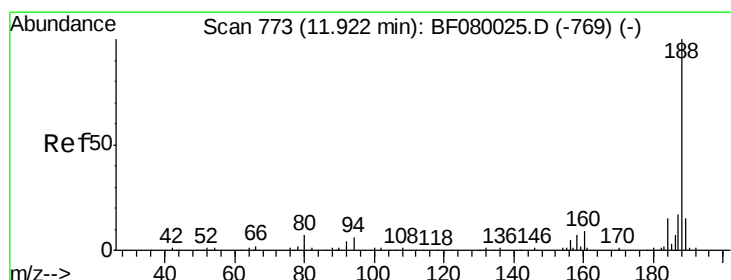
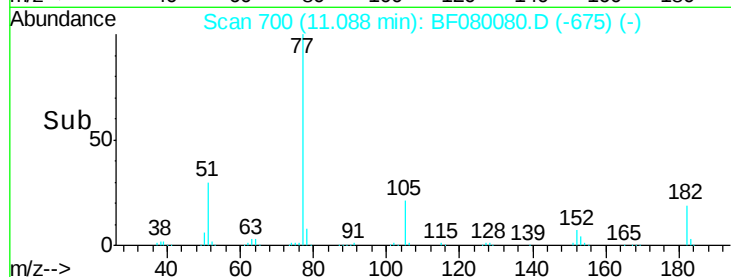
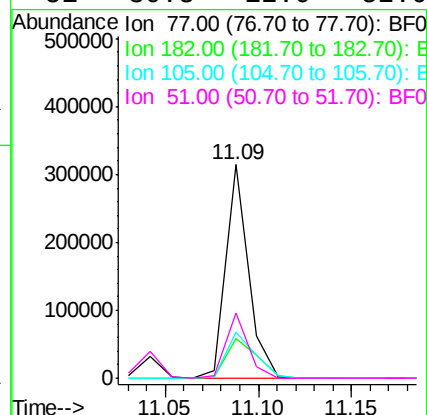
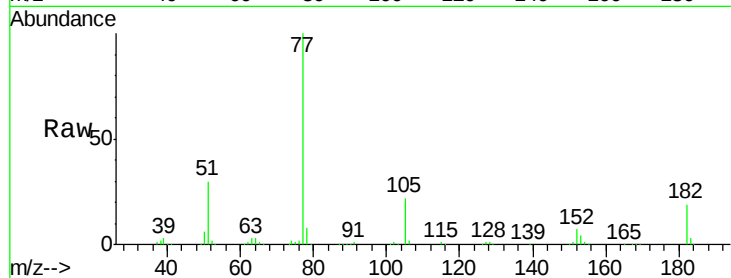
ClientSampleId :

PE-2MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.8	15.1	55.1
105	21.7	3.4	43.4
51	30.3	12.0	52.0

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#63

Phenanthrene-d10

Concen: 20.00 ng

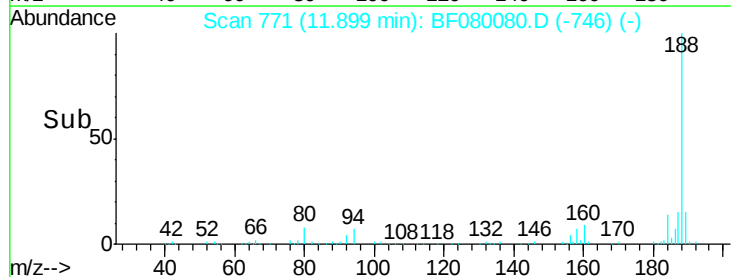
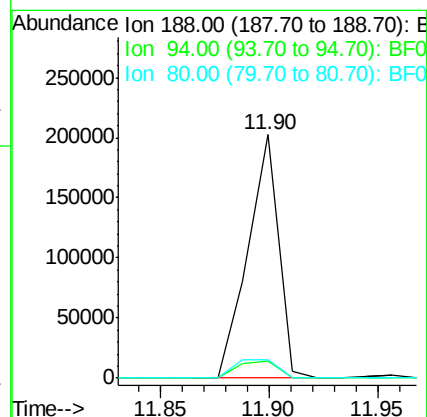
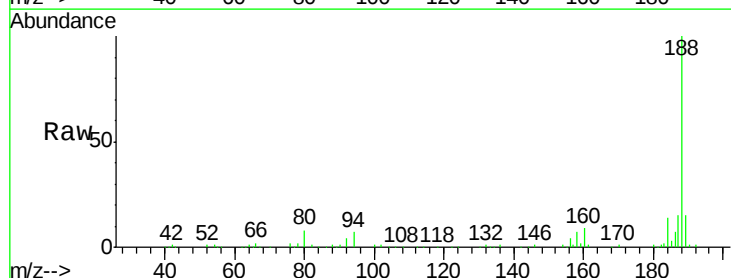
RT: 11.90 min Scan# 771

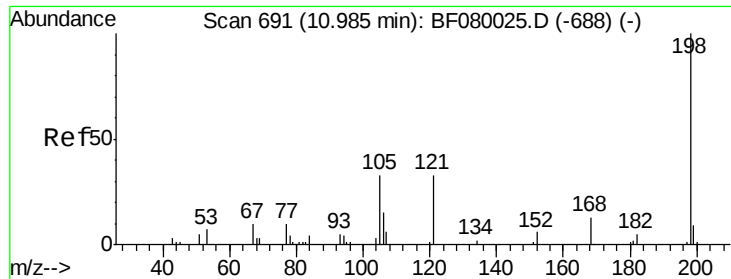
Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	11.1	16.7#
80	7.6	11.0	16.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 36.86 ng

RT: 10.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF080080.D

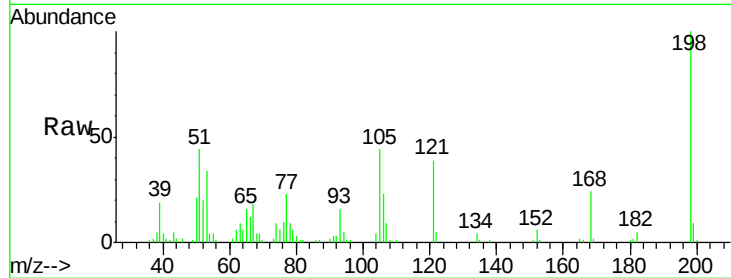
Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

ClientSampleId :

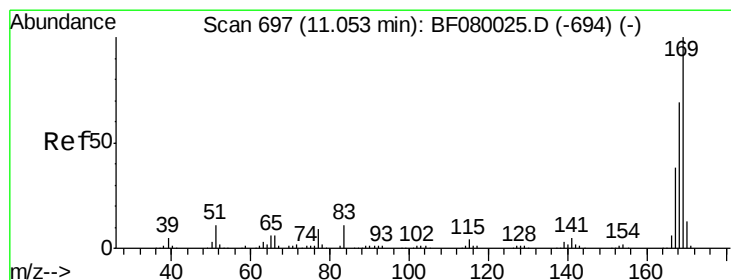
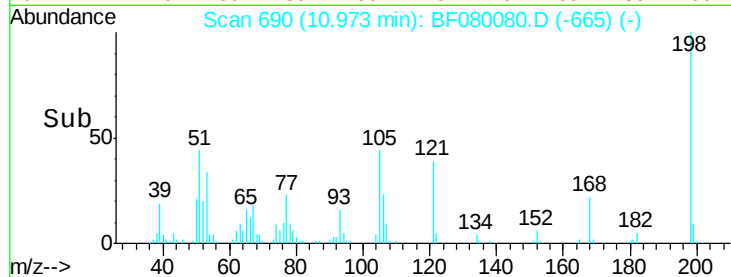
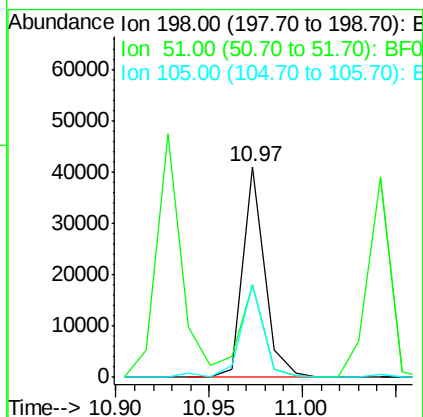
PE-2MSD



Tgt Ion:	198	Resp:	33413
Ion Ratio	Lower	Upper	
198	100		
51	43.7	39.6	79.6
105	44.0	28.5	68.5

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#65

n-Nitrosodiphenylamine

Concen: 34.80 ng

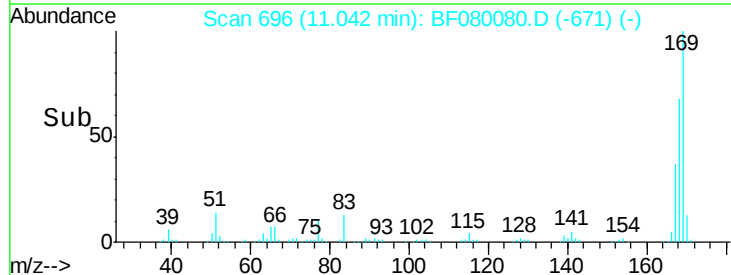
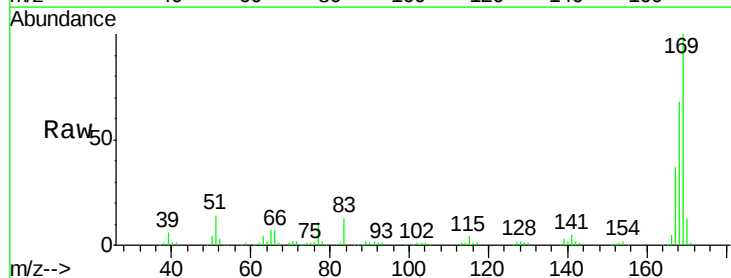
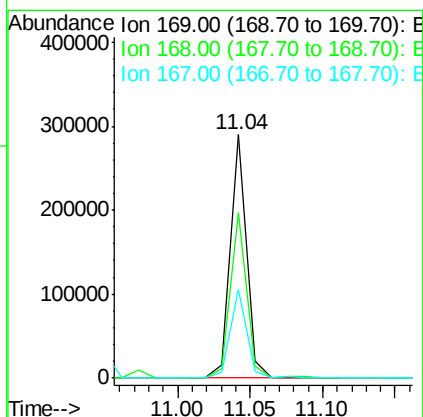
RT: 11.04 min Scan# 696

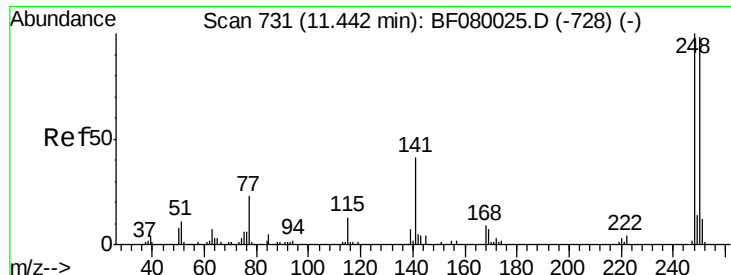
Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	169	Resp:	224620
Ion Ratio	Lower	Upper	
169	100		
168	68.0	48.9	73.3
167	36.6	26.2	39.4





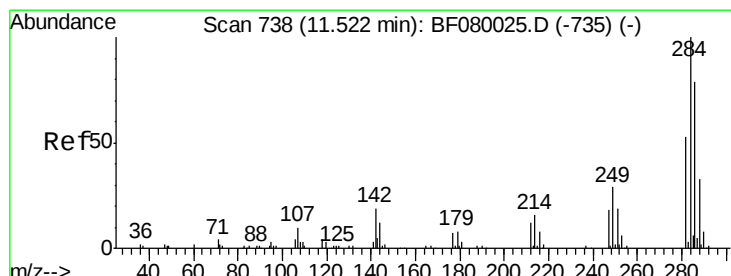
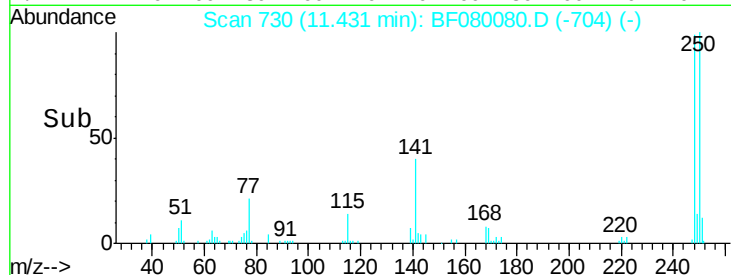
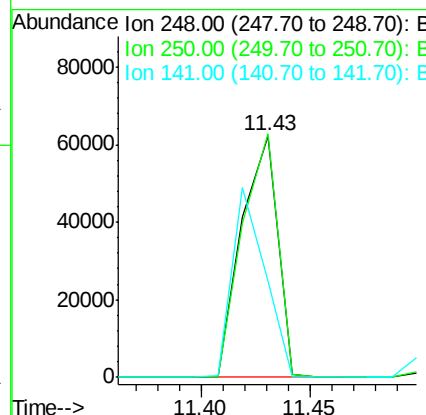
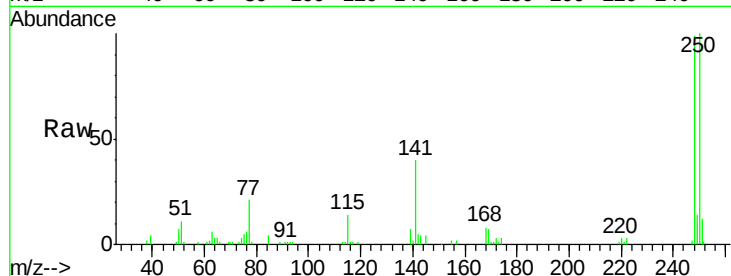
#66
 4-Bromophenyl-phenylether
 Concen: 33.91 ng
 RT: 11.43 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion:	248	Resp:	71472
Ion Ratio	Lower	Upper	
248	100		
250	100.8	78.5	117.7
141	40.1	59.0	88.6#

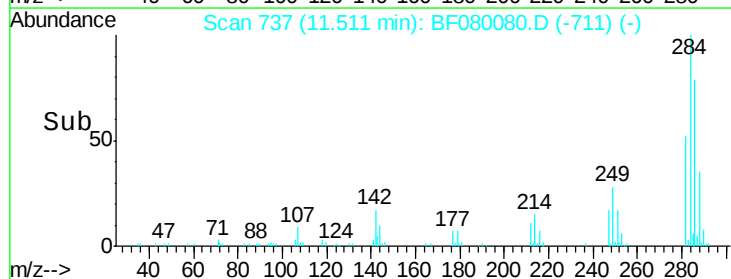
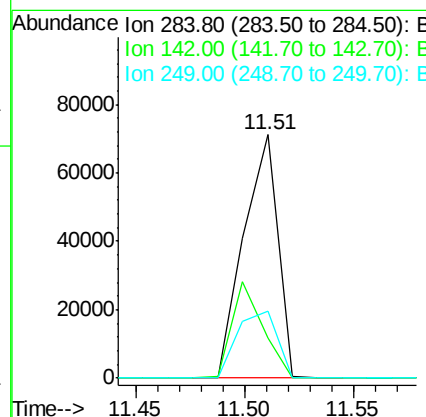
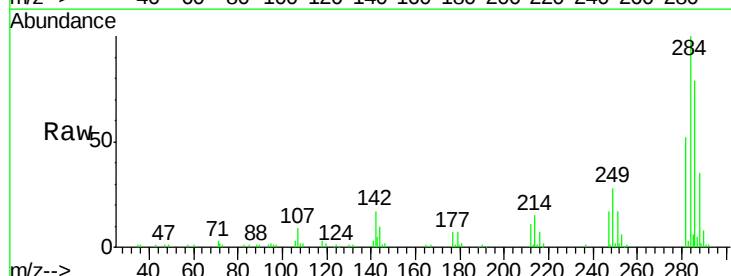
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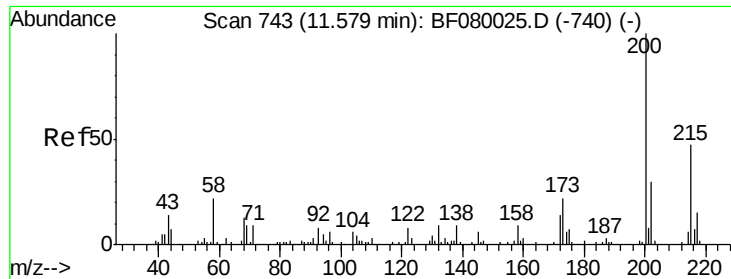
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#67
 Hexachlorobenzene
 Concen: 32.97 ng
 RT: 11.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion:	284	Resp:	77215
Ion Ratio	Lower	Upper	
284	100		
142	16.5	29.5	44.3#
249	27.6	19.5	29.3





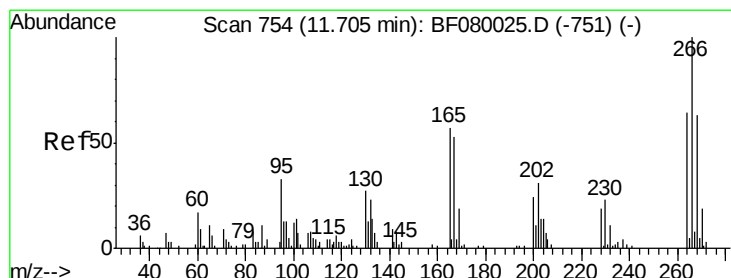
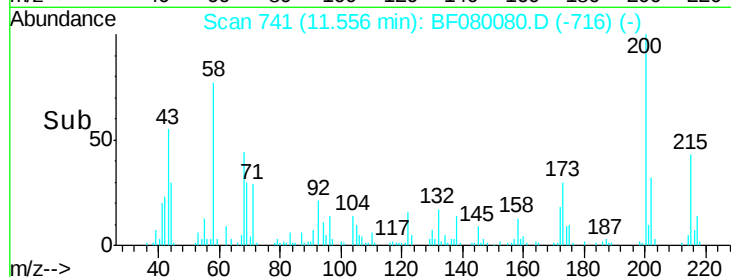
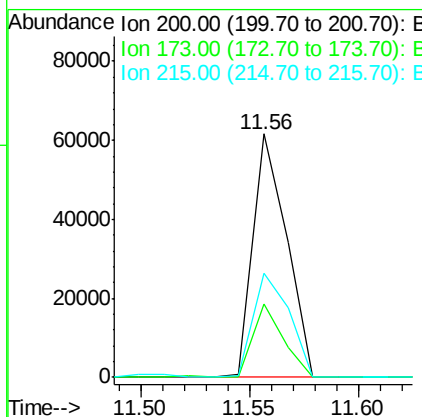
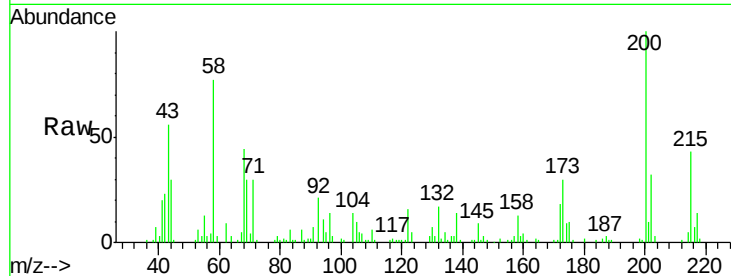
#68
 Atrazine
 Concen: 32.44 ng
 RT: 11.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.1	13.2	53.2
215	42.9	41.8	81.8

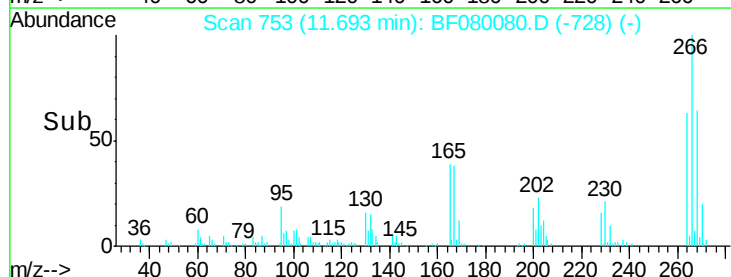
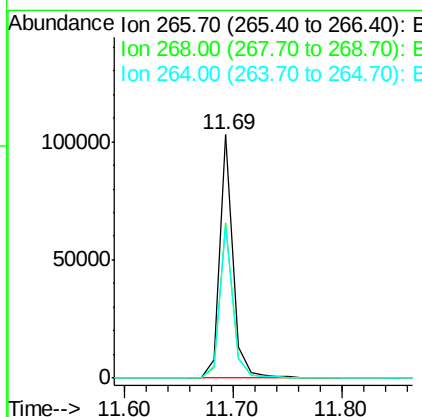
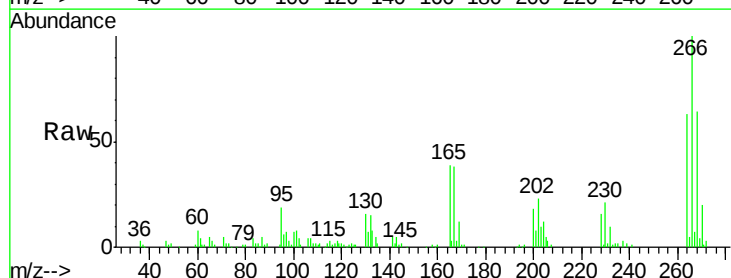
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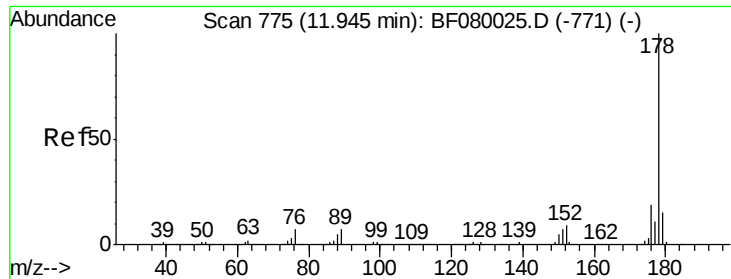
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#69
 Pentachlorophenol
 Concen: 66.80 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	49.8	74.6
264	62.7	50.2	75.2





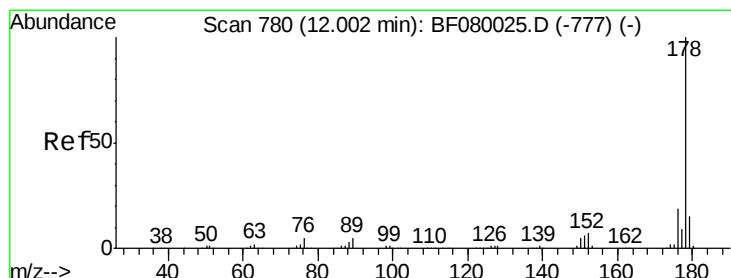
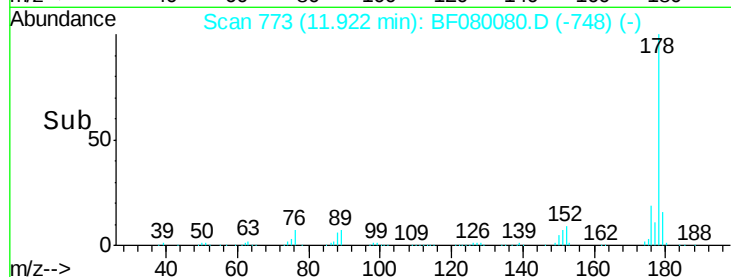
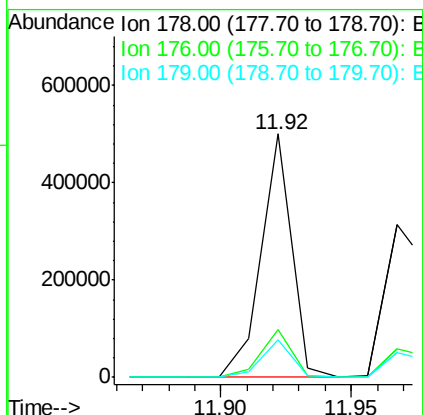
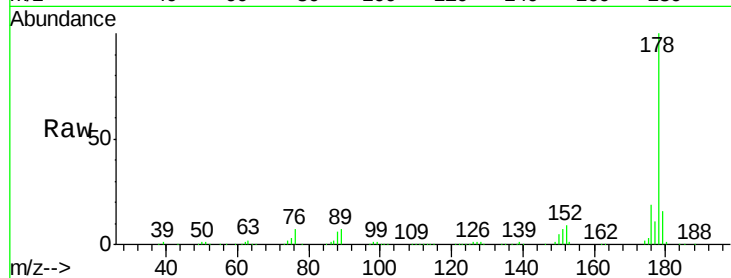
#70
Phenanthrene
Concen: 34.40 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	13.8	20.8
179	15.5	12.2	18.2

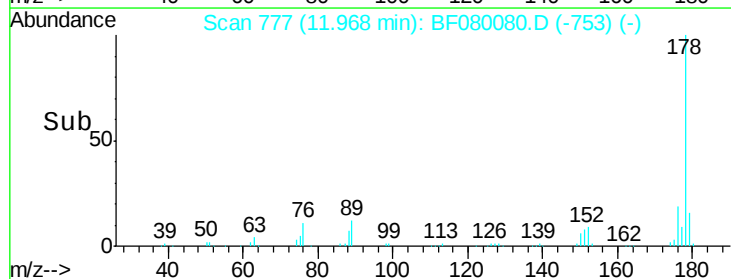
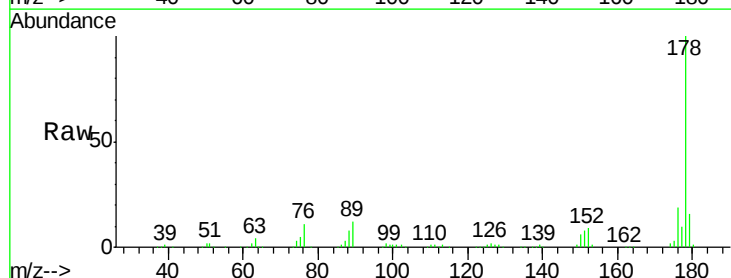
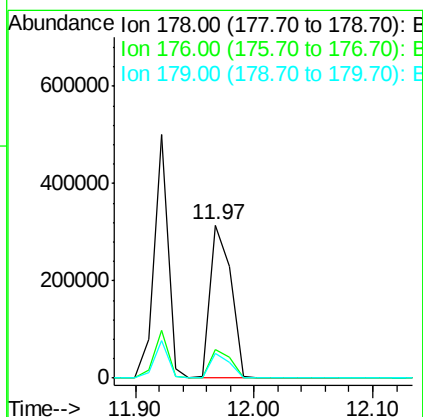
Manual Integrations
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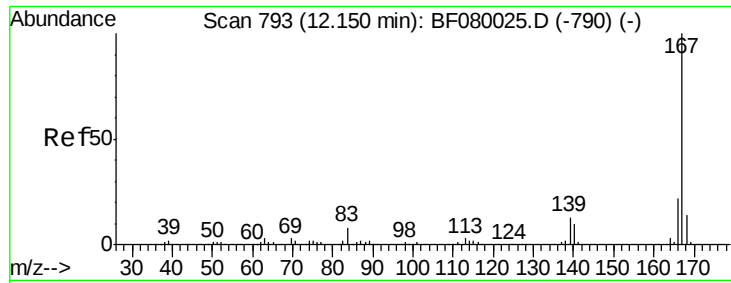
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#71
Anthracene
Concen: 32.96 ng
RT: 11.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	16.1	12.2	18.2





#72

Carbazole

Concen: 30.90 ng

RT: 12.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

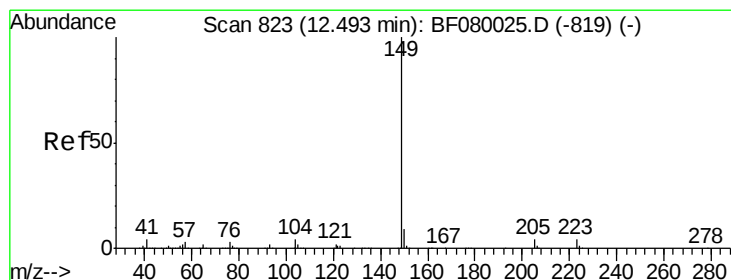
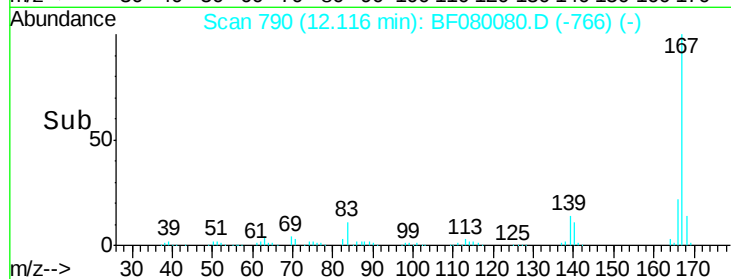
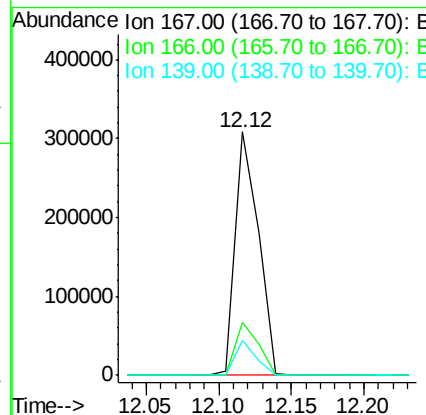
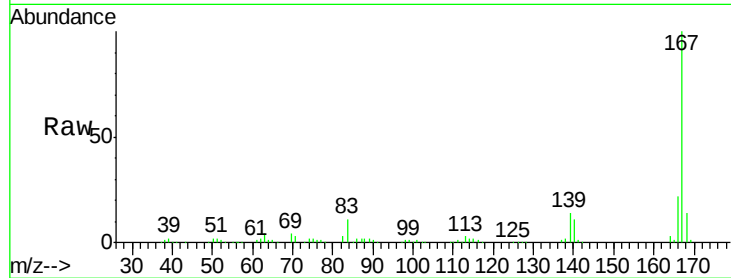
ClientSampleId :

PE-2MSD

Tgt Ion:	167	Resp:	340878
Ion Ratio	Lower	Upper	
167	100		
166	21.9	15.7	23.5
139	14.1	9.5	14.3

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#73

Di-n-butylphthalate

Concen: 33.89 ng

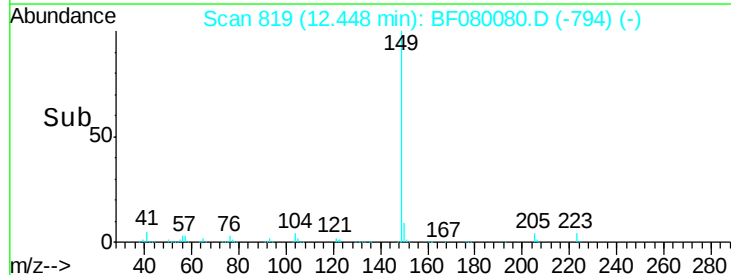
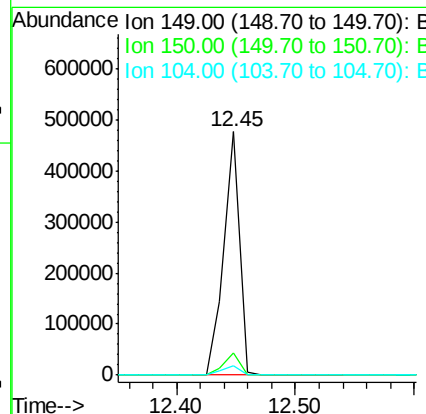
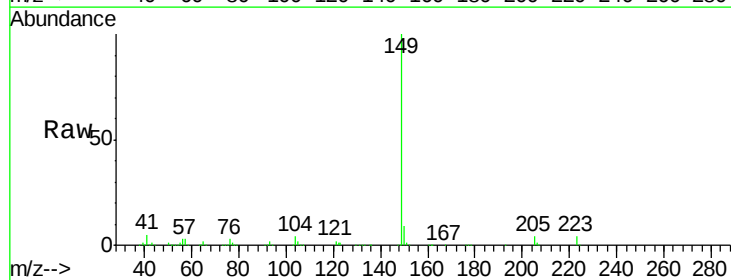
RT: 12.45 min Scan# 819

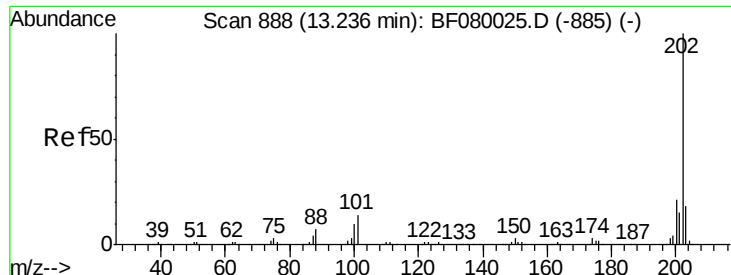
Delta R.T. -0.01 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	149	Resp:	431962
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.2
104	3.9	2.4	3.6#





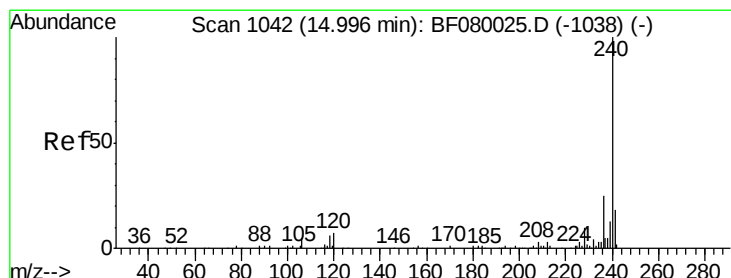
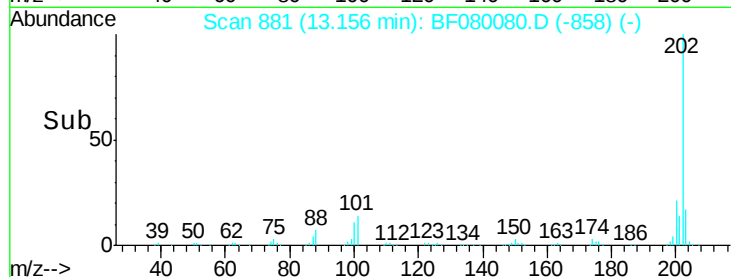
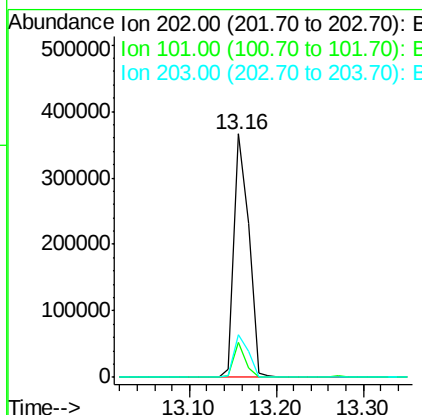
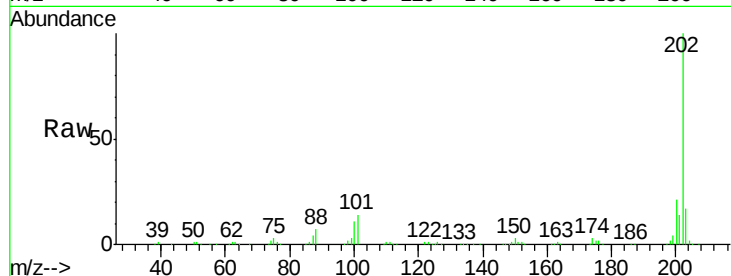
#74
 Fluoranthene
 Concen: 33.41 ng
 RT: 13.16 min Scan# 881
 Delta R.T. -0.03 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.5	0.0	38.3
203	17.3	0.0	37.3

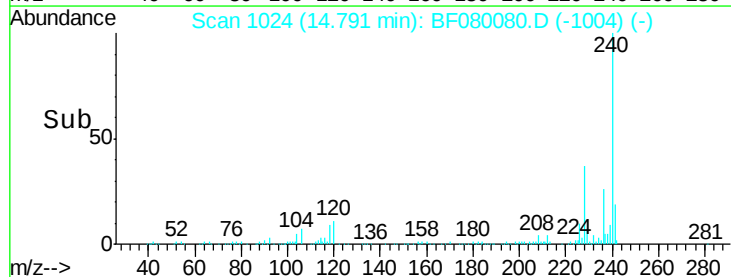
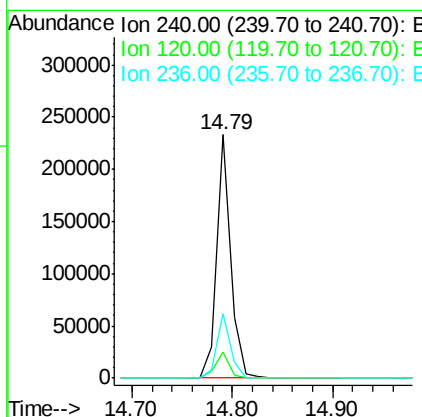
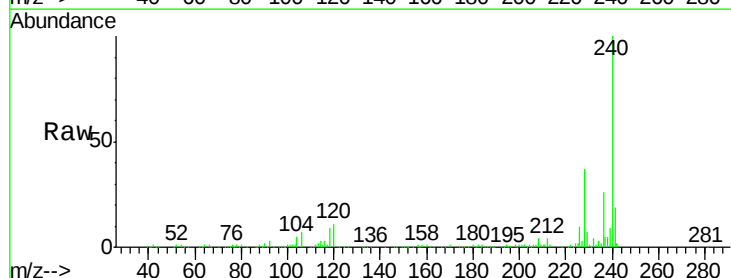
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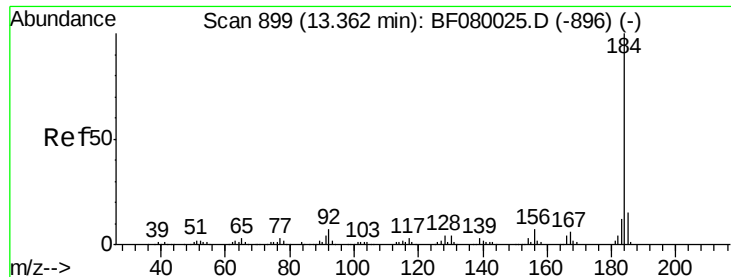
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.6	16.2	24.2#
236	26.3	18.4	27.6





#76

Benzidine

Concen: 55.93 ng

RT: 13.27 min Scan# 891

Delta R.T. -0.03 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

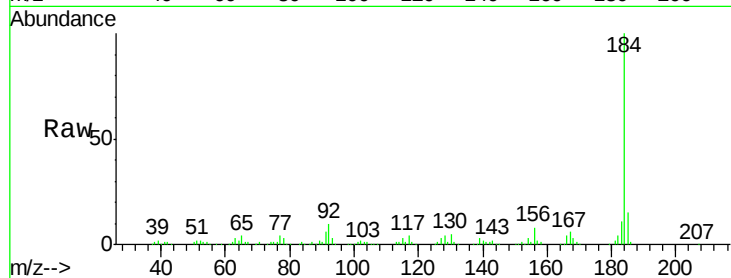
ClientSampleId :

PE-2MSD

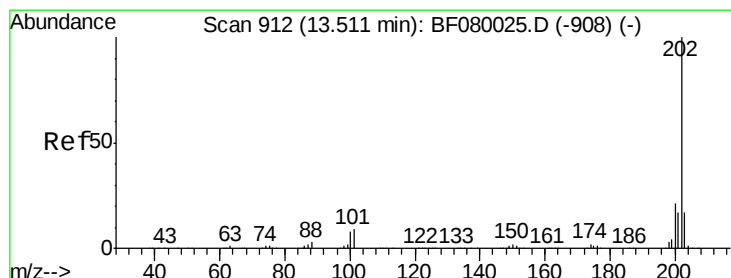
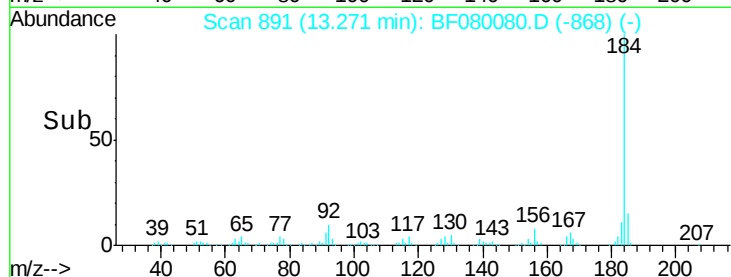
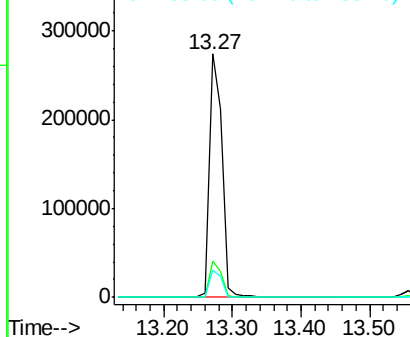
Tgt Ion:	184	Resp:	352160
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.6
183	11.3	7.6	11.4

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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: 31.83 ng

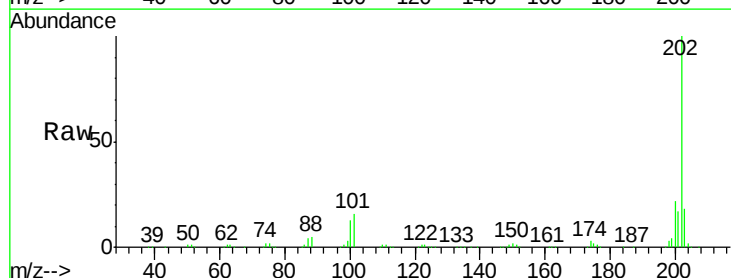
RT: 13.41 min Scan# 903

Delta R.T. -0.03 min

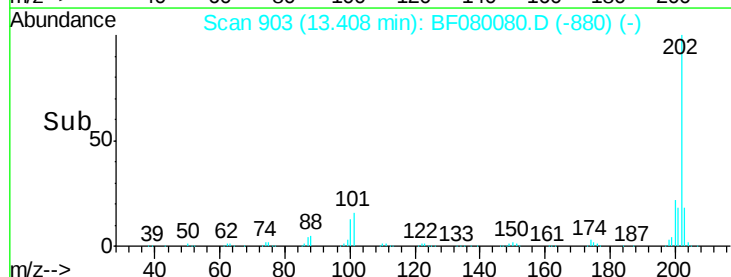
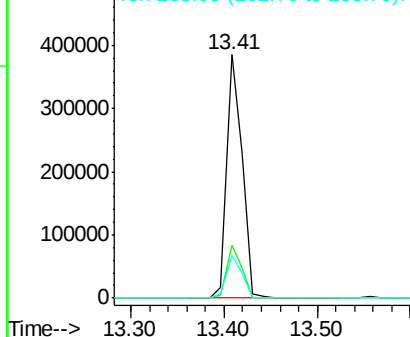
Lab File: BF080080.D

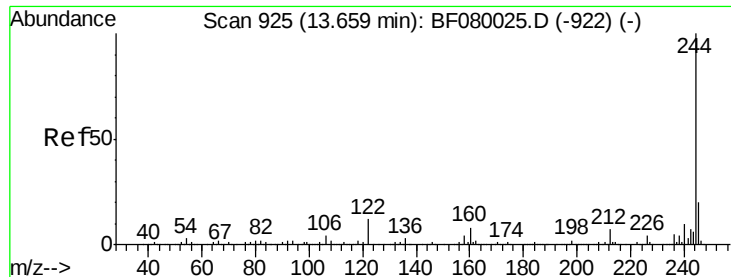
Acq: 20 Jun 2015 4:32

Tgt Ion:	202	Resp:	441472
Ion Ratio	Lower	Upper	
202	100		
200	21.6	15.0	22.4
203	17.6	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





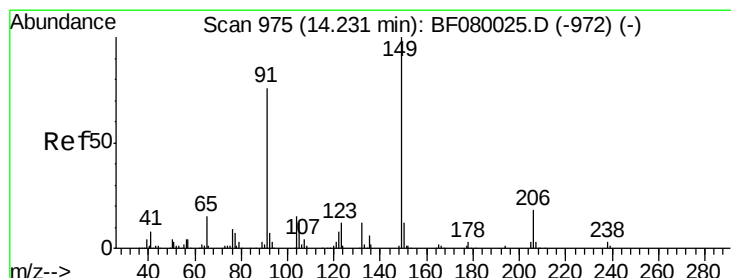
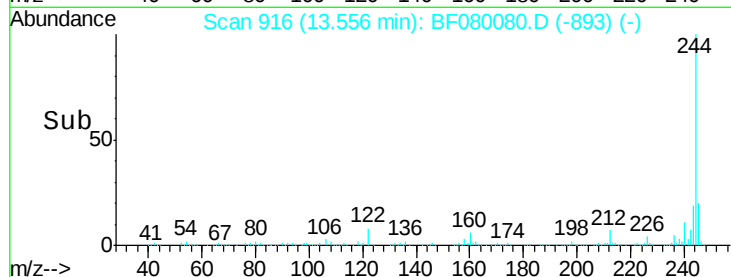
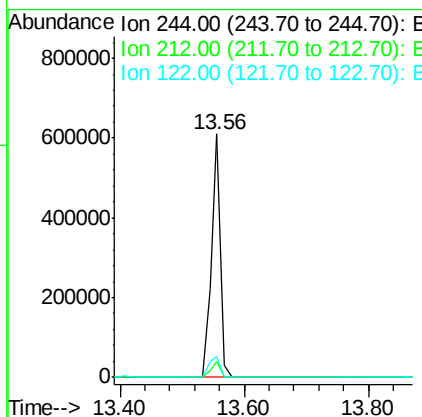
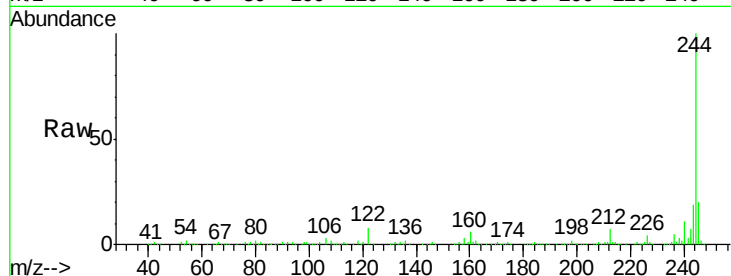
#78
 Terphenyl-d14
 Concen: 62.03 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	4.3	6.5#
122	8.4	17.4	26.2#

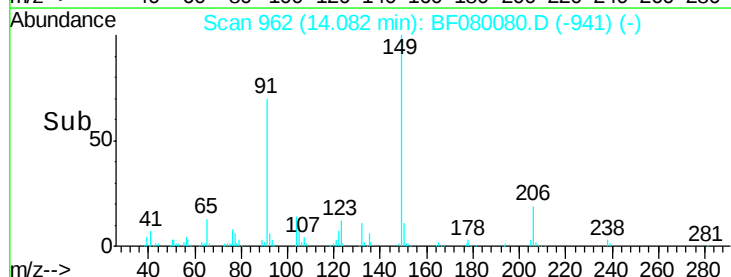
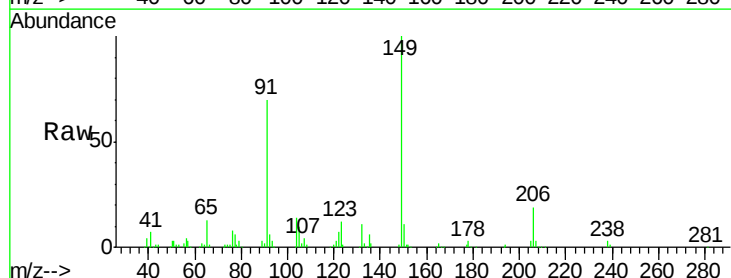
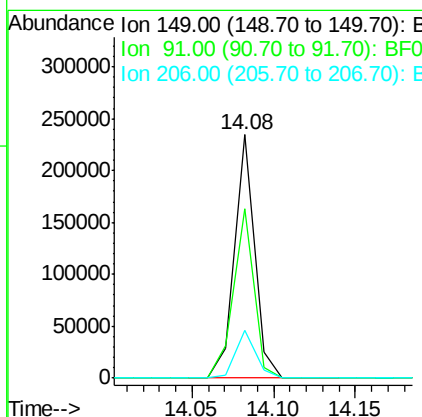
Manual Integrations
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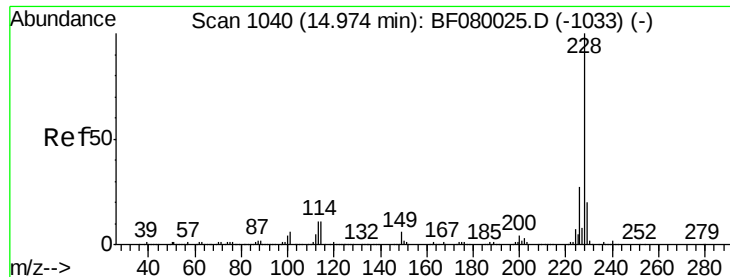
apatel
 6/22/2015 2:43:55 PM



#79
 Butylbenzylphthalate
 Concen: 35.59 ng
 RT: 14.08 min Scan# 962
 Delta R.T. -0.06 min
 Lab File: BF080080.D
 Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.5	48.6	72.8
206	19.5	14.9	22.3





#80

Benzo(a)anthracene

Concen: 32.64 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.07 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

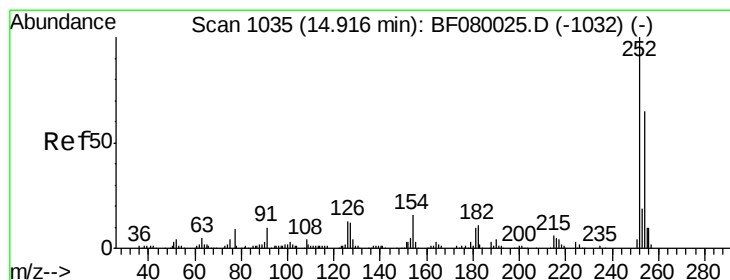
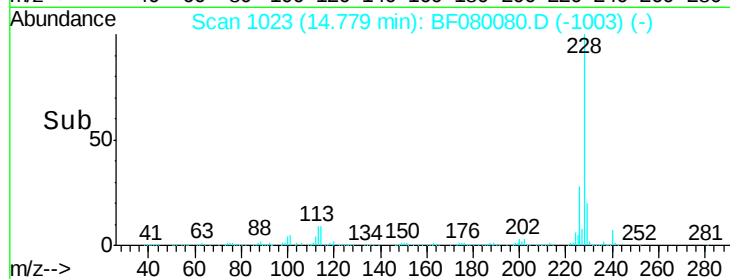
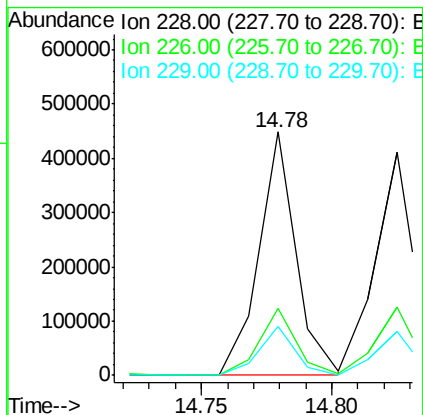
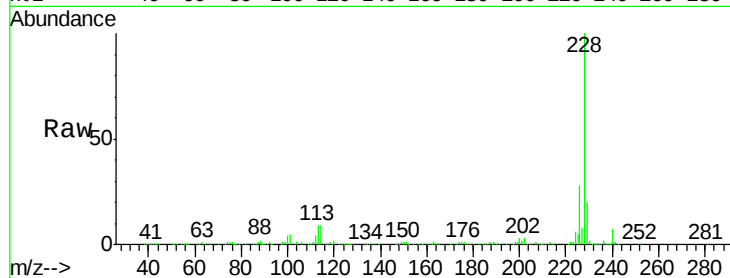
ClientSampleId :

PE-2MSD

Tgt Ion:	228	Resp:	447951
Ion Ratio	Lower	Upper	
228	100		
226	27.5	20.0	30.0
229	19.9	15.4	23.2

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#81

3,3'-Dichlorobenzidine

Concen: 32.59 ng

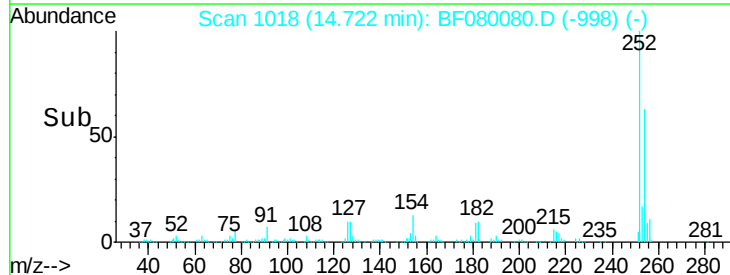
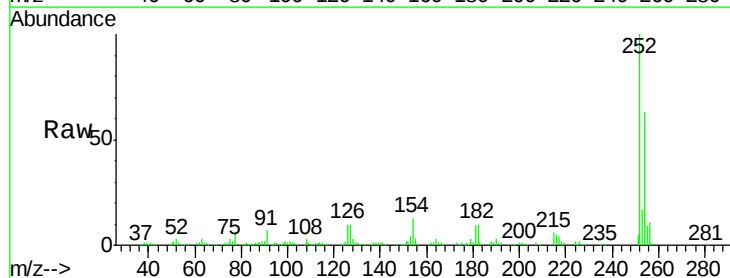
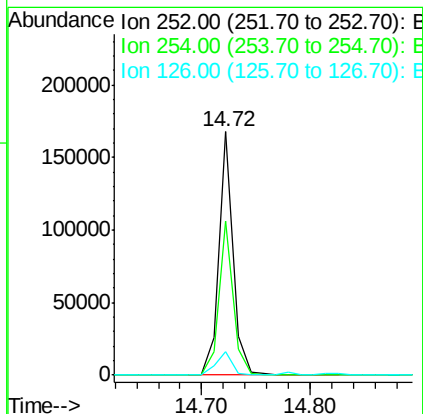
RT: 14.72 min Scan# 1018

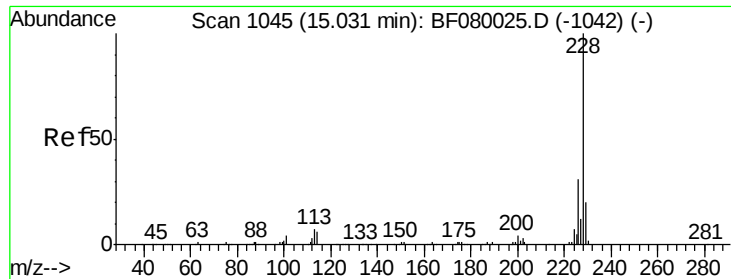
Delta R.T. -0.07 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	252	Resp:	154249
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.4	77.2
126	9.9	16.4	24.6





#82

Chrysene

Concen: 33.13 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.07 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Instrument :

BNA_F

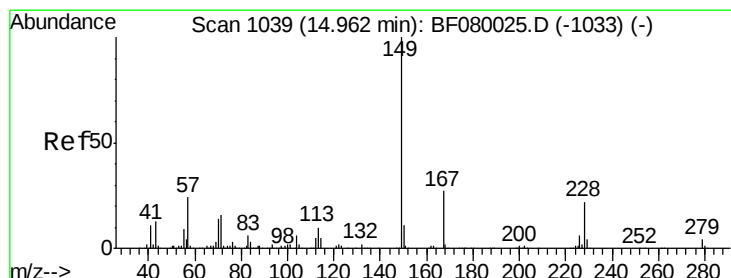
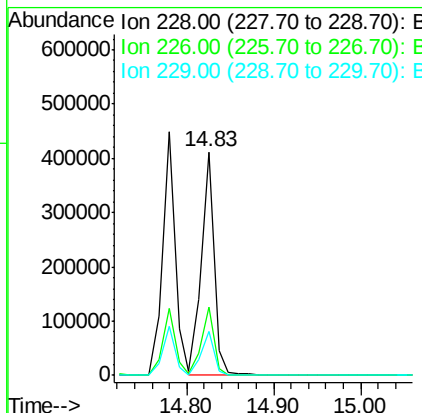
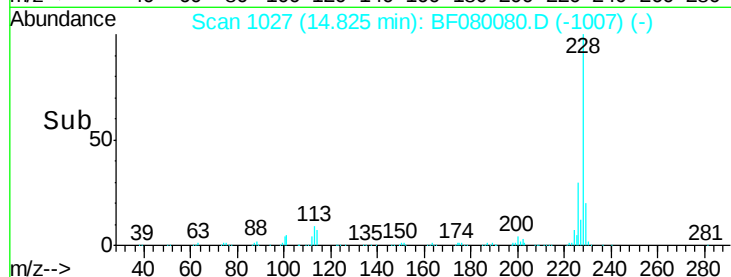
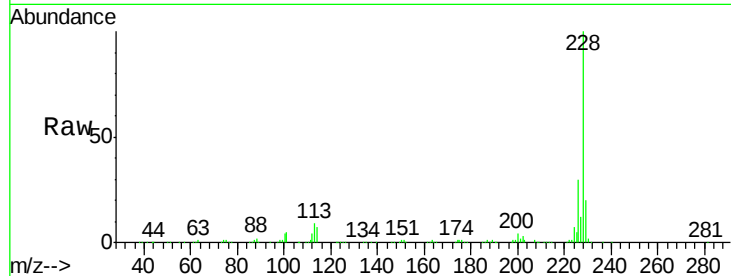
ClientSampleId :

PE-2MSD

Tgt Ion:	228	Resp:	419221
Ion Ratio	Lower	Upper	
228	100		
226	30.4	21.0	31.4
229	19.6	15.6	23.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.32 ng

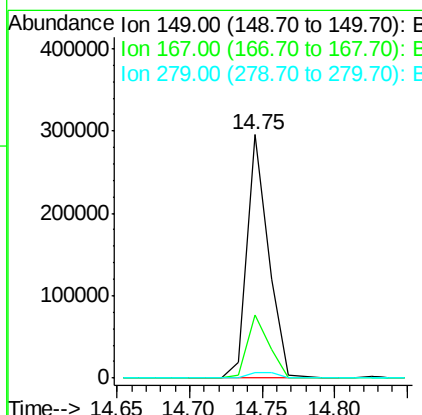
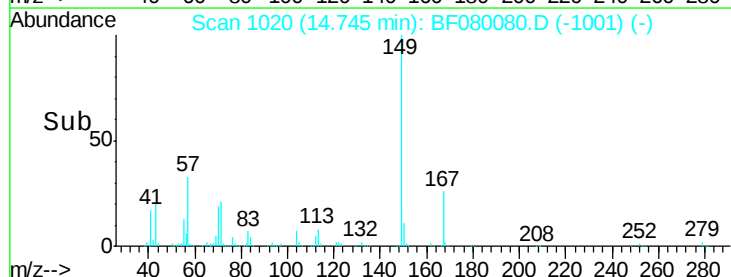
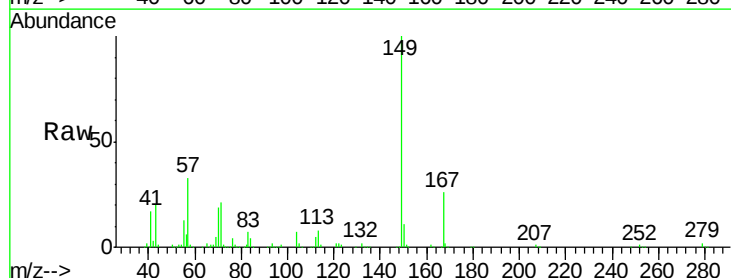
RT: 14.75 min Scan# 1020

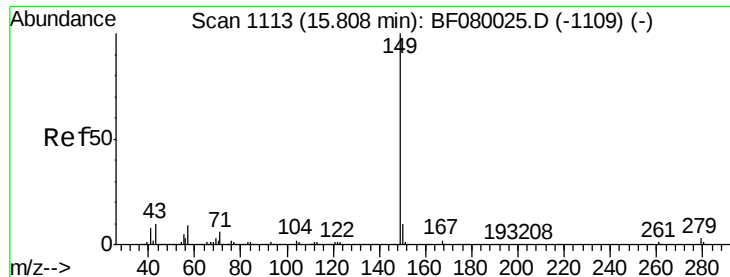
Delta R.T. -0.08 min

Lab File: BF080080.D

Acq: 20 Jun 2015 4:32

Tgt Ion:	149	Resp:	302072
Ion Ratio	Lower	Upper	
149	100		
167	25.9	24.2	36.2
279	2.3	3.8	5.6#





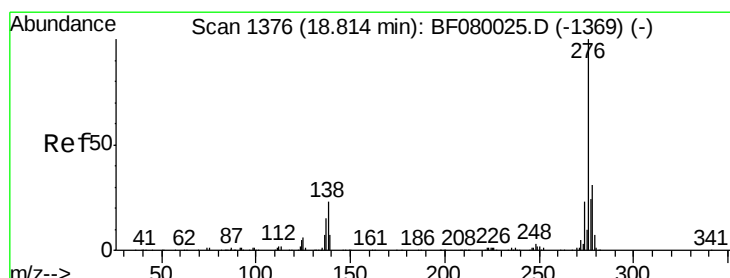
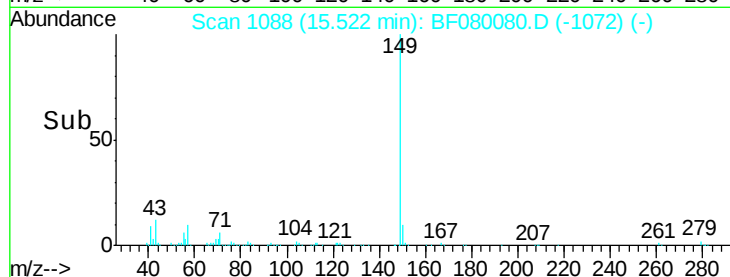
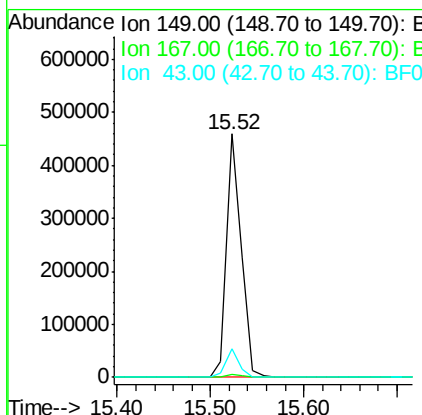
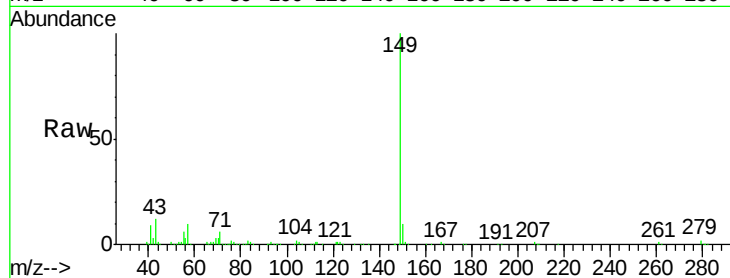
#84
Di-n-octyl phthalate
Concen: 33.40 ng
RT: 15.52 min Scan# 1088
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	503788		
167	1.5	1.0	1.6	
43	10.3	10.2	15.2	

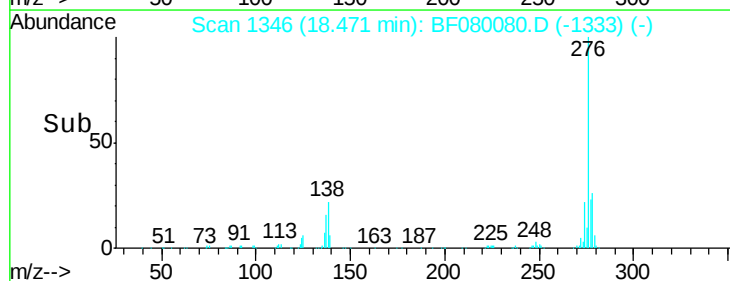
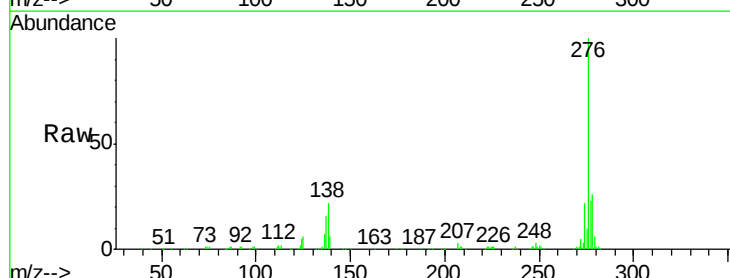
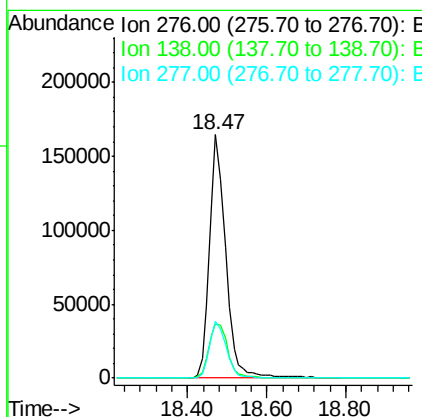
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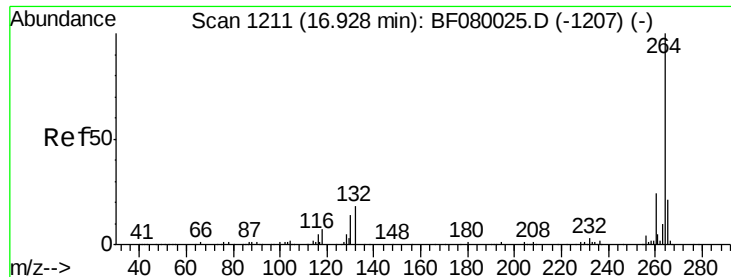
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#85
Indeno(1,2,3-cd)pyrene
Concen: 29.14 ng
RT: 18.47 min Scan# 1346
Delta R.T. -0.15 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	464956		
138	26.0	25.7	38.5	
277	24.2	15.6	23.4	





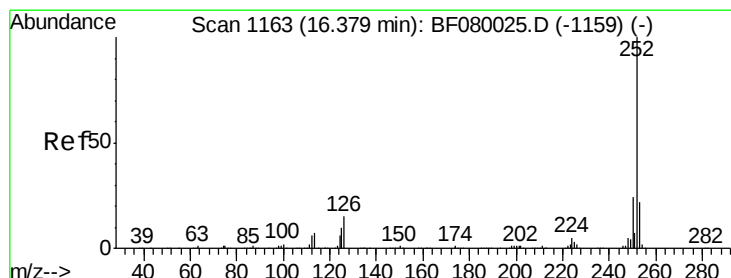
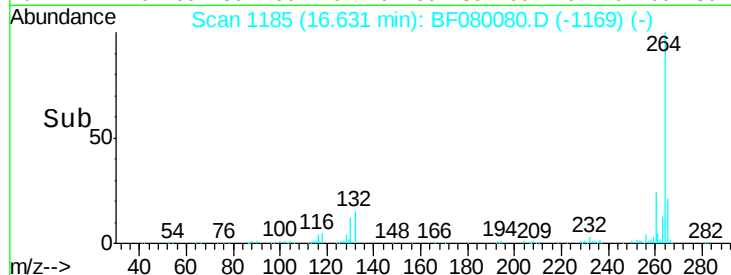
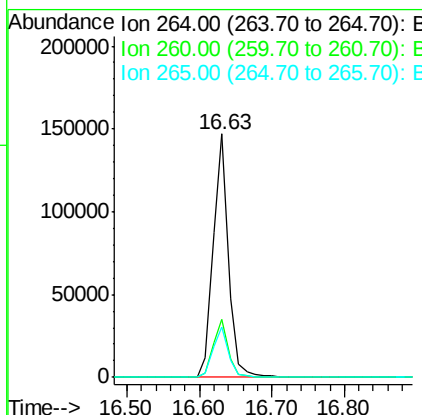
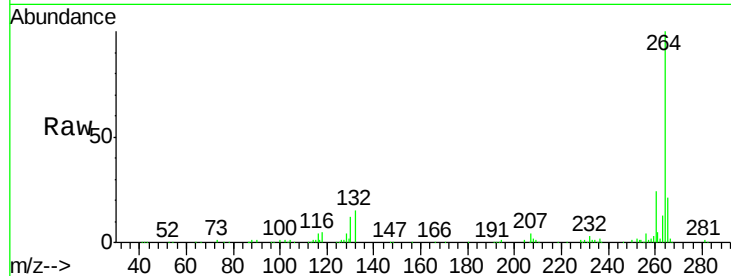
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.63 min Scan# 1185
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	213766		
260	23.9	16.7	25.1	
265	20.9	17.2	25.8	

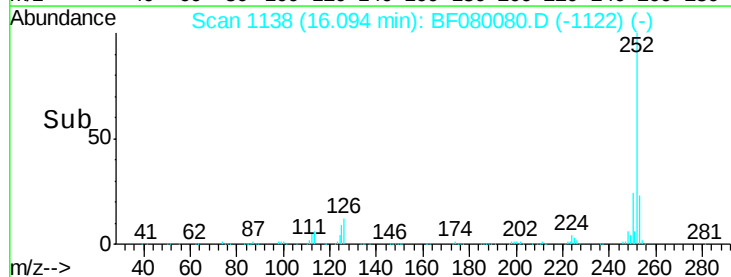
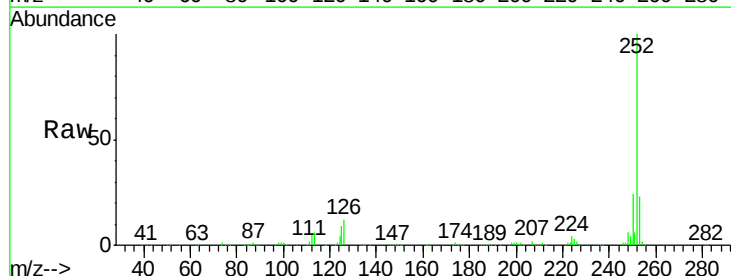
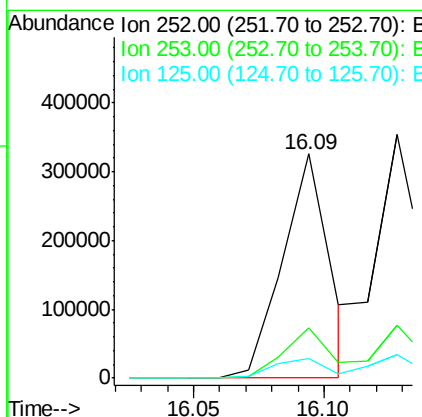
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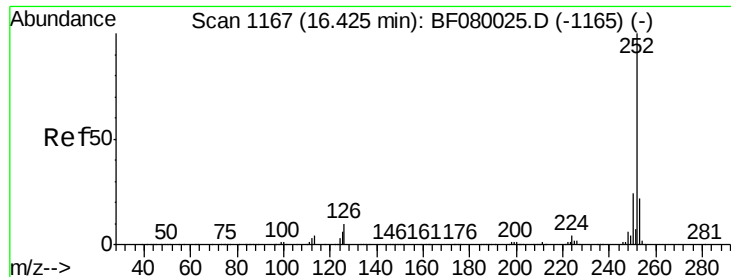
apatel
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#87
Benzo(b)fluoranthene
Concen: 31.23 ng
RT: 16.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	404237		
253	22.5	17.5	26.3	
125	8.9	17.1	25.7#	





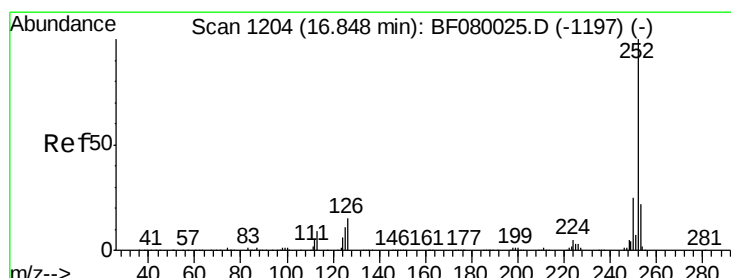
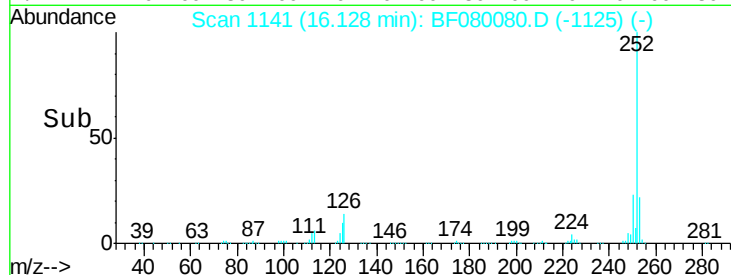
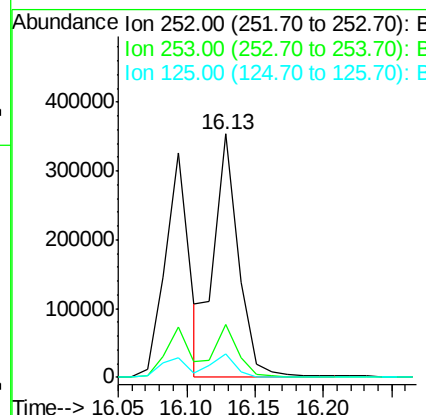
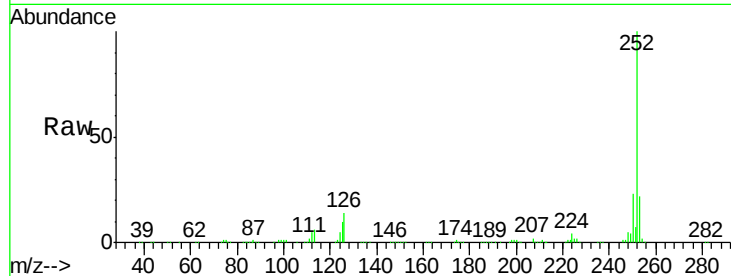
#88
Benzo(k)fluoranthene
Concen: 33.39 ng m
RT: 16.13 min Scan# 1141
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		440125		
253	21.5	17.0	25.4		
125	9.5	16.0	24.0		

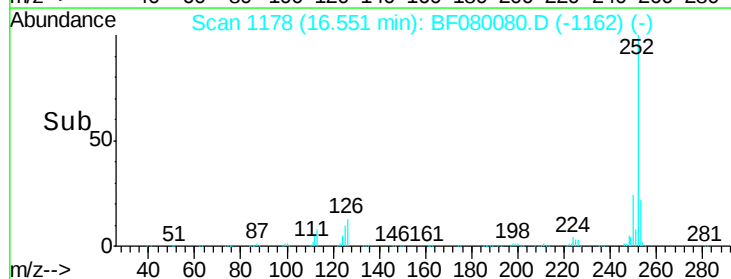
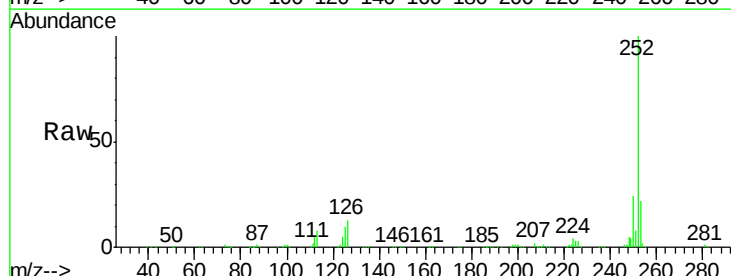
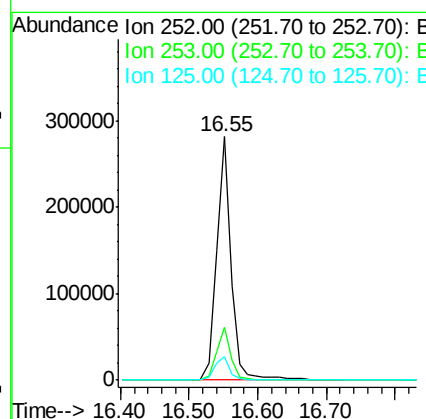
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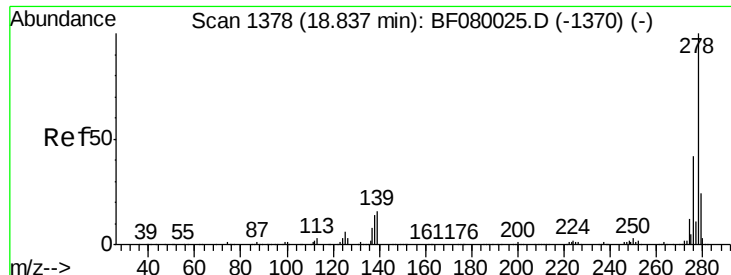
apatel
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#89
Benzo(a)pyrene
Concen: 33.88 ng
RT: 16.55 min Scan# 1178
Delta R.T. -0.11 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		416462		
253	21.9	17.2	25.8		
125	9.7	18.0	27.0		





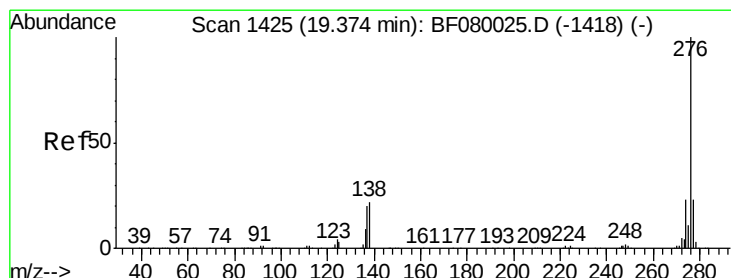
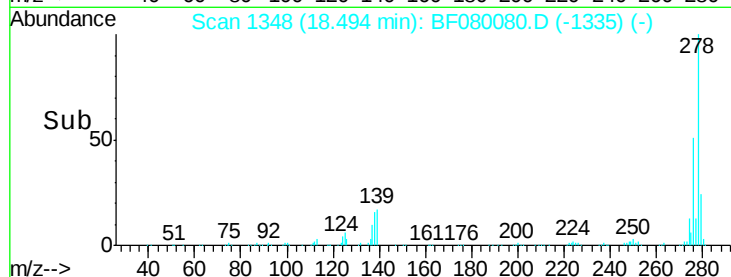
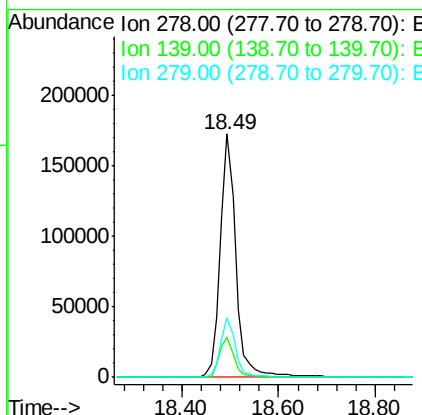
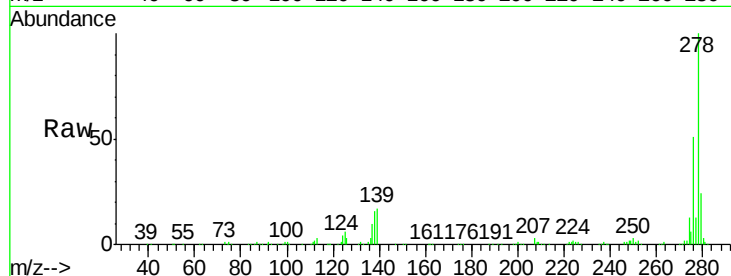
#90
Dibenzo(a,h)anthracene
Concen: 31.26 ng
RT: 18.49 min Scan# 1348
Delta R.T. -0.15 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Instrument :
BNA_F
ClientSampleId :
PE-2MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	26.3	39.5#
279	24.2	18.2	27.4

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#91
Benzo(g,h,i)perylene
Concen: 30.51 ng
RT: 19.03 min Scan# 1395
Delta R.T. -0.15 min
Lab File: BF080080.D
Acq: 20 Jun 2015 4:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	22.5	34.6	51.8#

