

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080079.D
 Acq On : 20 Jun 2015 4:03
 Operator : TP/IZ
 Sample : G2683-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Manual Integrations
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 6/22/2015 2:43:52 PM

Quant Time: Jun 20 04:47:42 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	38037	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	159578	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	86427	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	184104	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	209126	20.00	ng	-0.05
86) Perylene-d12	16.67	264	195609	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	323190	150.41	ng	0.00
7) Phenol-d6	6.93	99	411274	143.83	ng	-0.01
23) Nitrobenzene-d5	7.89	82	269740	98.40	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	131098	155.12	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	496025	81.85	ng	-0.01
78) Terphenyl-d14	13.57	244	692616	77.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	32615	31.93	ng	89
3) Pyridine	4.04	79	103495	38.10	ng	# 81
4) n-Nitrosodimethylamine	3.94	42	48465	37.54	ng	95
6) Aniline	6.98	93	168195	42.75	ng	92
8) 2-Chlorophenol	7.11	128	118109	47.56	ng	85
9) Benzaldehyde	6.88	77	56406	34.17	ng	# 88
10) Phenol	6.95	94	144633	46.35	ng	86
11) bis(2-Chloroethyl)ether	7.05	93	108175	43.69	ng	87
12) 1,3-Dichlorobenzene	7.27	146	122796m	41.16	ng	
13) 1,4-Dichlorobenzene	7.35	146	139253m	49.08	ng	
14) 1,2-Dichlorobenzene	7.51	146	123517	44.74	ng	99
15) Benzyl Alcohol	7.45	79	105946	45.32	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.60	45	188353	51.26	ng	84
17) 2-Methylphenol	7.56	107	91522	43.14	ng	# 82
18) Hexachloroethane	7.85	117	45078	47.72	ng	# 87
19) n-Nitroso-di-n-propylamine	7.73	70	87953	44.30	ng	# 77
20) 3+4-Methylphenols	7.72	107	131859	48.16	ng	92
22) Acetophenone	7.73	105	169233	45.51	ng	# 82
24) Nitrobenzene	7.91	77	123188	43.54	ng	# 77
25) Isophorone	8.14	82	231580	41.98	ng	# 83
26) 2-Nitrophenol	8.23	139	59868	50.55	ng	# 74
27) 2,4-Dimethylphenol	8.25	122	105972	42.91	ng	87
28) bis(2-Chloroethoxy)methane	8.34	93	150347	46.39	ng	# 92
29) 2,4-Dichlorophenol	8.47	162	106115	50.18	ng	97
30) 1,2,4-Trichlorobenzene	8.56	180	118053	49.16	ng	99
31) Naphthalene	8.64	128	341189m	40.89	ng	
32) Benzoic acid	8.25	122	105972	70.98	ng	# 25
33) 4-Chloroaniline	8.68	127	120157m	33.65	ng	
34) Hexachlorobutadiene	8.77	225	64171	43.39	ng	99
35) Caprolactam	9.01	113	29916	43.58	ng	# 69
36) 4-Chloro-3-methylphenol	9.14	107	105739	44.33	ng	# 71
37) 2-Methylnaphthalene	9.34	142	268479	49.75	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	121253	48.21	ng	99
40) Hexachlorocyclopentadiene	9.50	237	113000	86.74	ng	97

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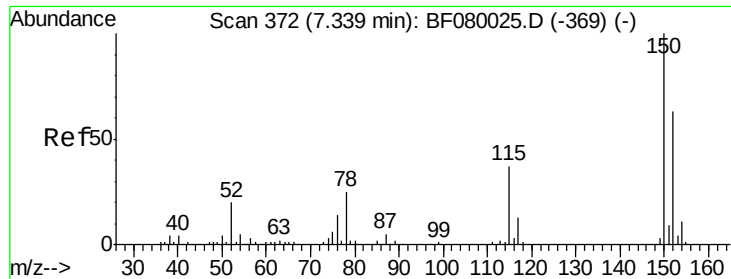
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	81410	47.57	ng	98
43) 2,4,5-Trichlorophenol	9.65	196	82073	41.63	ng #	90
45) 1,1'-Biphenyl	9.81	154	292098	41.54	ng	93
46) 2-Chloronaphthalene	9.83	162	236228	41.40	ng	93
47) 2-Nitroaniline	9.91	65	66907	42.72	ng #	57
48) Acenaphthylene	10.25	152	405546	42.59	ng	98
49) Dimethylphthalate	10.09	163	310657	47.81	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	57727	44.32	ng #	47
51) Acenaphthene	10.42	154	254252	43.64	ng	94
52) 3-Nitroaniline	10.32	138	58488	38.92	ng #	52
53) 2,4-Dinitrophenol	10.44	184	45336	85.11	ng #	1
54) Dibenzofuran	10.60	168	348466	42.15	ng #	87
55) 4-Nitrophenol	10.47	139	116124	96.66	ng #	67
56) 2,4-Dinitrotoluene	10.56	165	87052	52.66	ng #	91
57) Fluorene	10.95	166	295109	44.99	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.71	232	71055	42.69	ng	99
59) Diethylphthalate	10.79	149	284060	43.42	ng	98
60) 4-Chlorophenyl-phenylether	10.93	204	137190	43.52	ng #	84
61) 4-Nitroaniline	10.94	138	70485	45.41	ng #	48
62) Azobenzene	11.09	77	302371	45.40	ng	86
64) 4,6-Dinitro-2-methylphenol	10.97	198	40352	44.69	ng	94
65) n-Nitrosodiphenylamine	11.04	169	255941	42.69	ng	91
66) 4-Bromophenyl-phenylether	11.43	248	83266	42.54	ng #	85
67) Hexachlorobenzene	11.51	284	92865	42.69	ng #	78
68) Atrazine	11.57	200	76093	40.18	ng	86
69) Pentachlorophenol	11.69	266	102018	82.75	ng	97
70) Phenanthrene	11.92	178	467056	41.90	ng	96
71) Anthracene	11.98	178	452418	42.16	ng	99
72) Carbazole	12.13	167	408515	39.87	ng	97
73) Di-n-butylphthalate	12.45	149	524674	44.32	ng #	99
74) Fluoranthene	13.17	202	503312	42.40	ng	90
76) Benzidine	13.28	184	317504	54.32	ng #	98
77) Pyrene	13.42	202	513588	39.89	ng	96
79) Butylbenzylphthalate	14.09	149	215133	41.61	ng #	78
80) Benzo(a)anthracene	14.80	228	519484	40.78	ng	96
81) 3,3'-Dichlorobenzidine	14.75	252	167323	38.08	ng #	93
82) Chrysene	14.85	228	478638	40.74	ng	94
83) Bis(2-ethylhexyl)phthalate	14.77	149	343074	41.98	ng #	92
84) Di-n-octyl phthalate	15.56	149	553397	39.52	ng	95
85) Indeno(1,2,3-cd)pyrene	18.52	276	552775	37.31	ng #	88
87) Benzo(b)fluoranthene	16.13	252	470604	39.74	ng #	86
88) Benzo(k)fluoranthene	16.16	252	506441m	41.99	ng	
89) Benzo(a)pyrene	16.59	252	480654	42.73	ng #	87
90) Dibenzo(a,h)anthracene	18.54	278	469707	40.80	ng #	80
91) Benzo(g,h,i)perylene	19.08	276	467928	40.26	ng #	76

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



#1

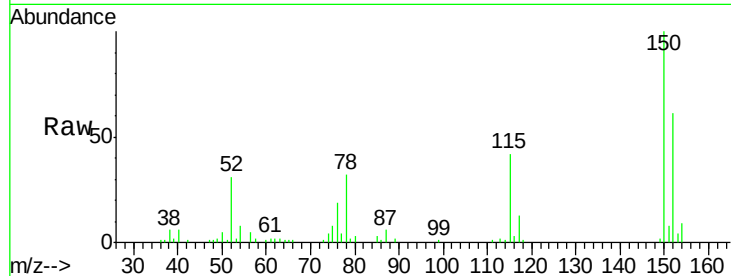
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampled :
PE-2MS

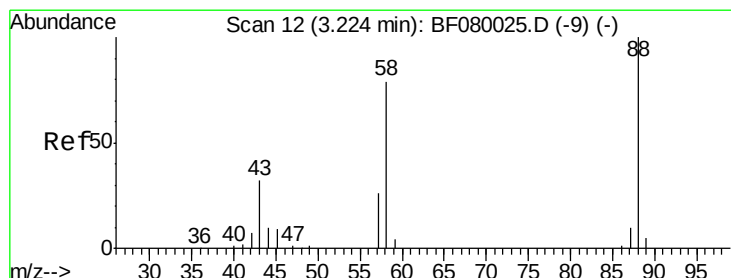
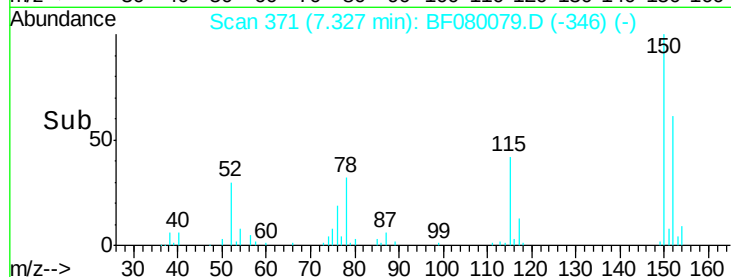
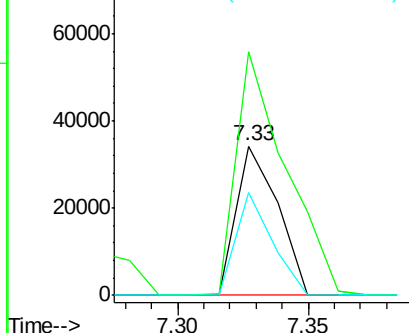
Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.3	124.7	187.1
115	68.8	39.0	58.4

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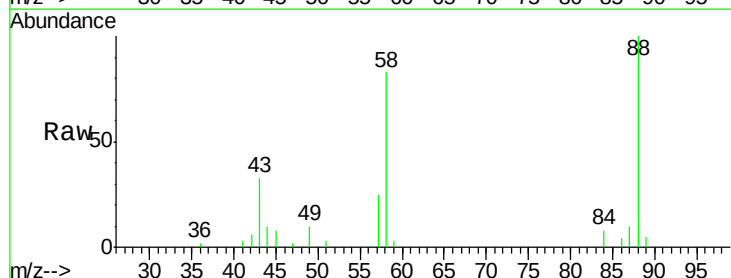
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



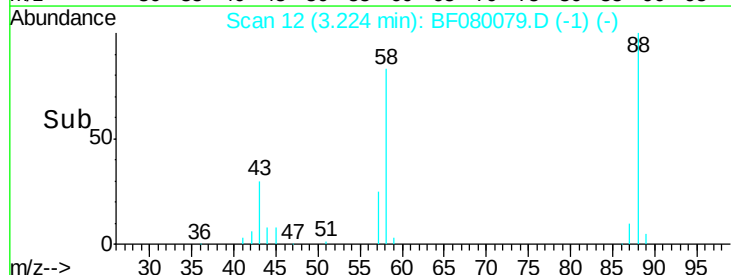
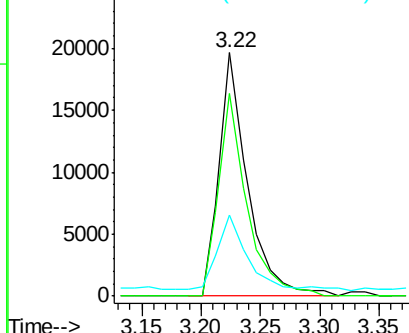
#2

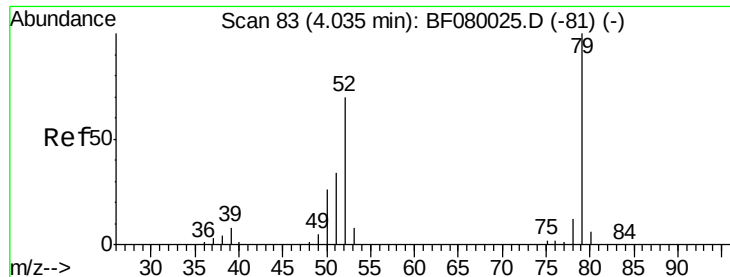
1,4-Dioxane
Concen: 31.93 ng
RT: 3.22 min Scan# 12
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	77.7	116.5
43	33.2	26.6	40.0



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





#3

Pyridine

Concen: 38.10 ng

RT: 4.04 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

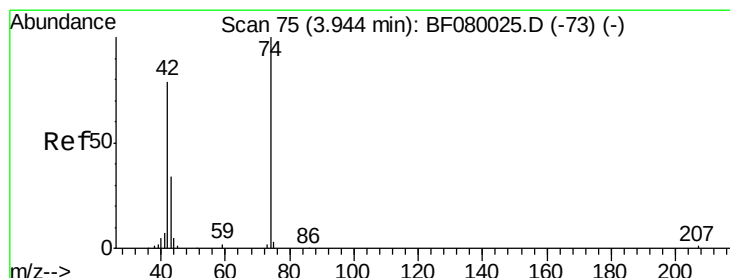
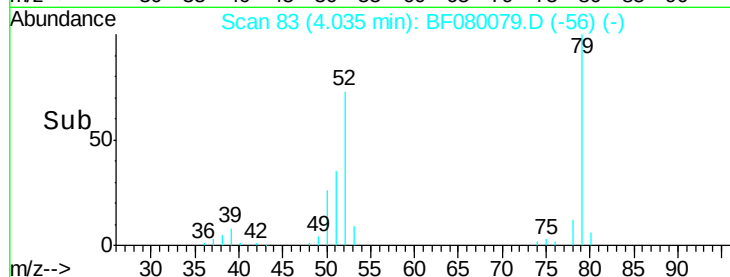
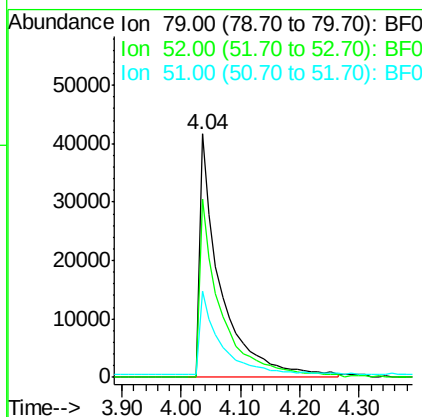
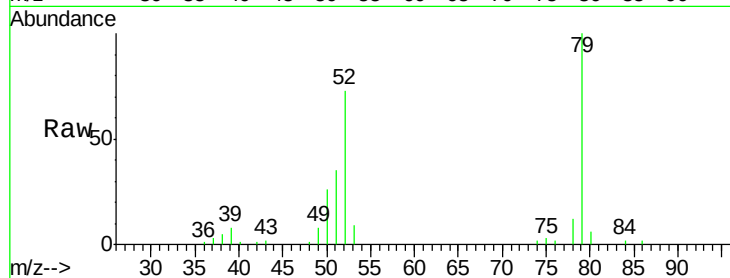
ClientSampleId :

PE-2MS

Tgt Ion:	79	Resp:	103495
Ion Ratio	Lower	Upper	
79	100		
52	73.4	76.8	115.2#
51	35.5	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 37.54 ng

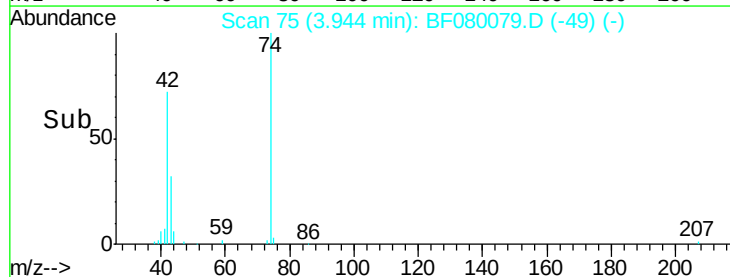
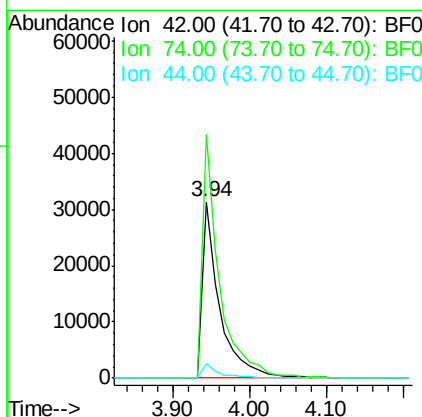
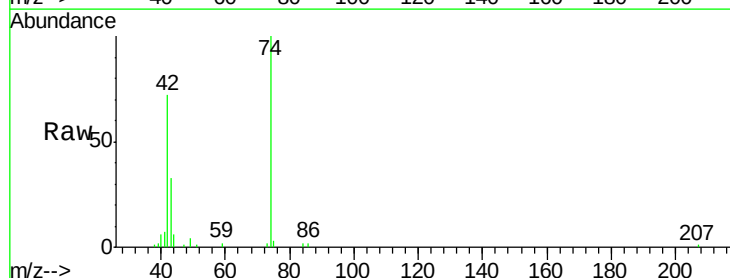
RT: 3.94 min Scan# 75

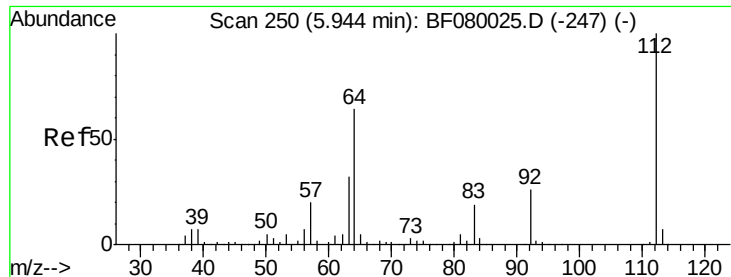
Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	42	Resp:	48465
Ion Ratio	Lower	Upper	
42	100		
74	138.1	105.0	157.6
44	8.3	6.6	10.0





#5

2-Fluorophenol

Concen: 150.41 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

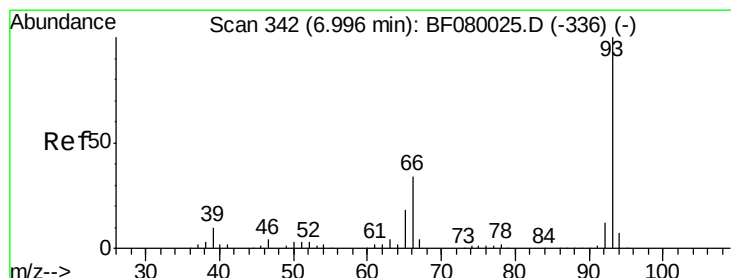
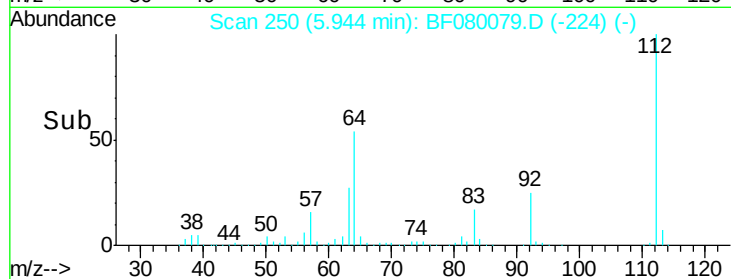
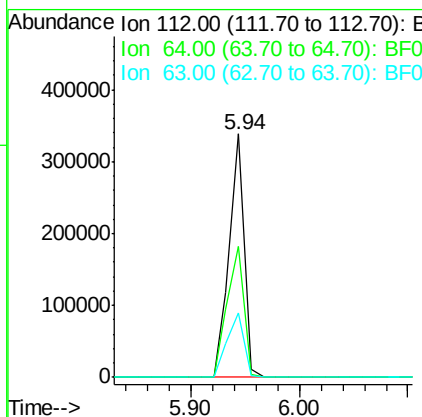
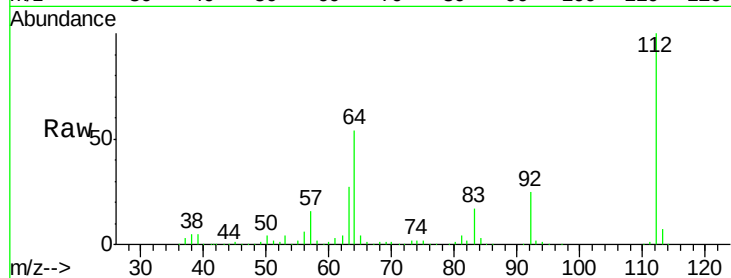
ClientSampled :

PE-2MS

Tgt Ion:	112	Resp:	323190
Ion Ratio	Lower	Upper	
112	100		
64	53.7	39.7	59.5
63	26.7	17.4	26.0

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#6

Aniline

Concen: 42.75 ng

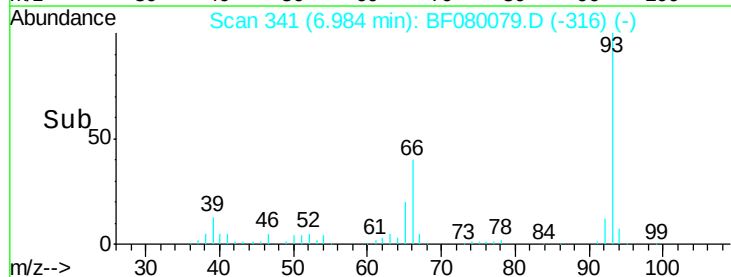
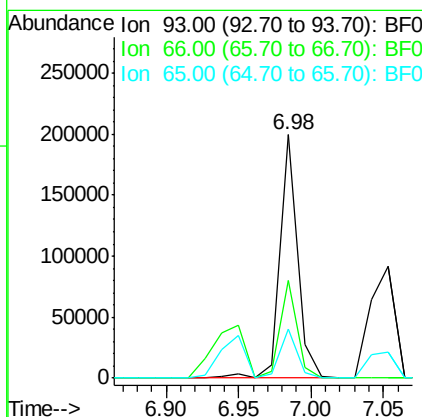
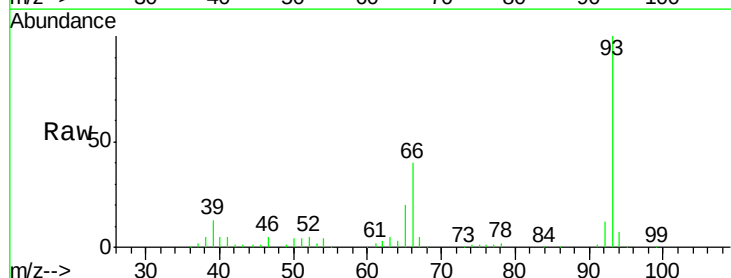
RT: 6.98 min Scan# 341

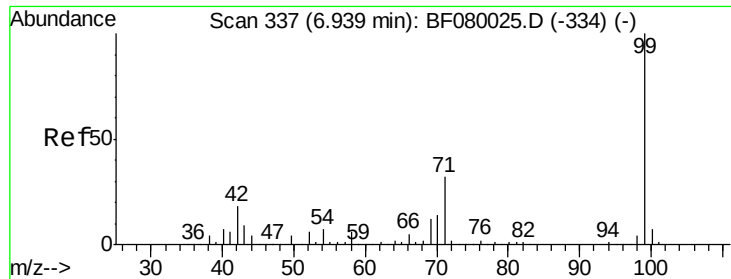
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	93	Resp:	168195
Ion Ratio	Lower	Upper	
93	100		
66	39.9	27.2	40.8
65	20.1	14.7	22.1





#7

Phenol-d6

Concen: 143.83 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

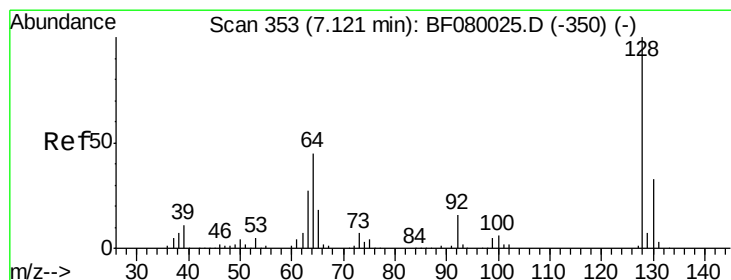
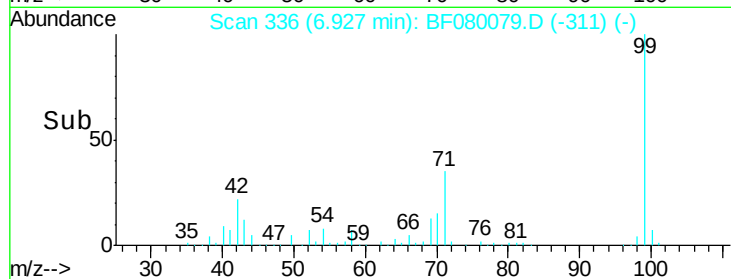
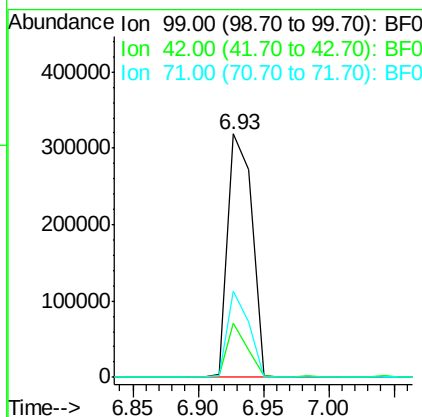
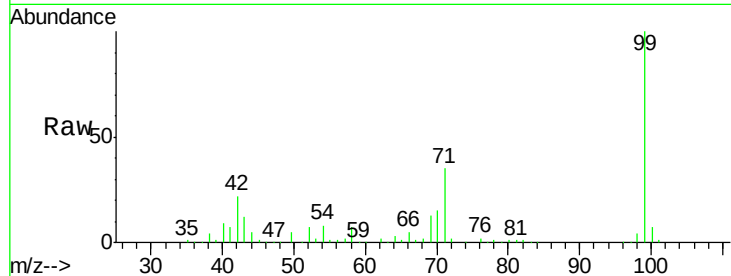
ClientSampleId :

PE-2MS

Tgt Ion:	99	Resp:	411274
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.7	20.5#
71	35.3	14.2	21.2#

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#8

2-Chlorophenol

Concen: 47.56 ng

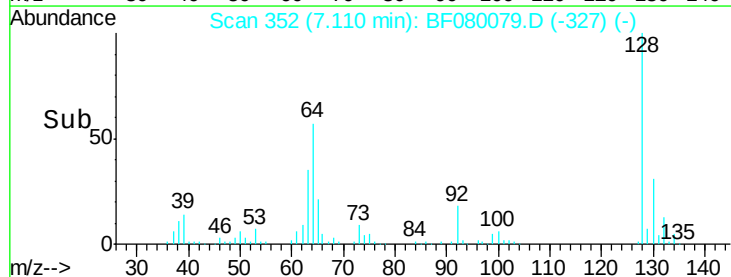
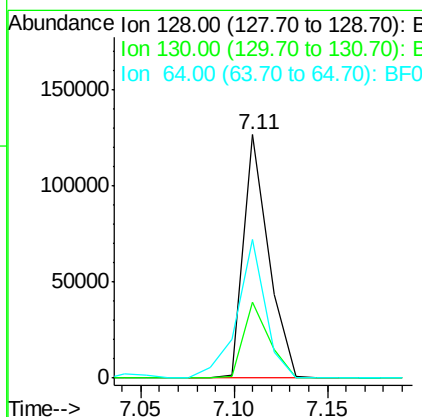
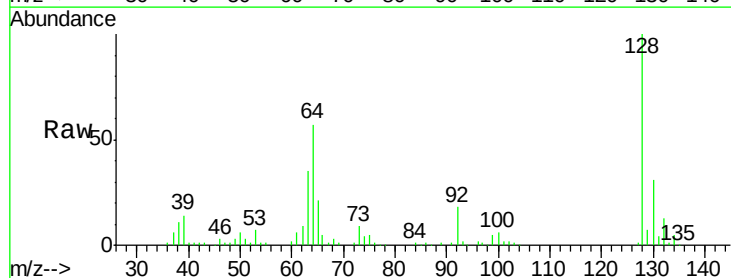
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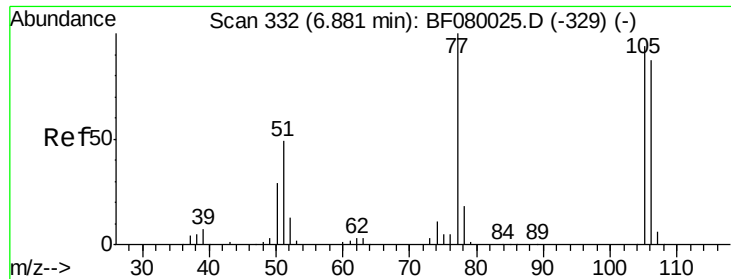
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	128	Resp:	118109
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.2	52.2
64	56.8	20.5	60.5





#9

Benzaldehyde

Concen: 34.17 ng

RT: 6.88 min Scan# 332

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

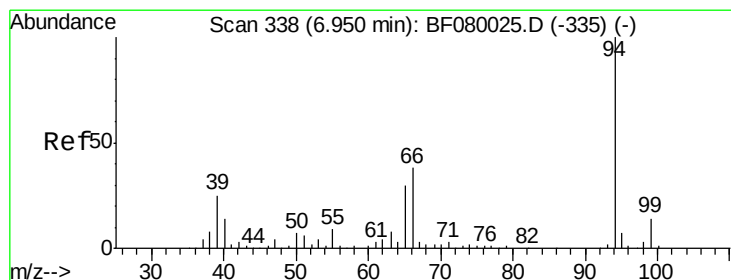
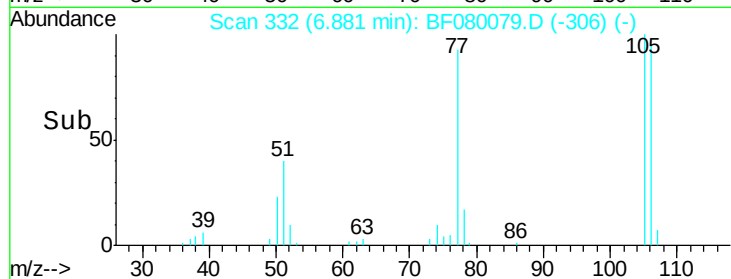
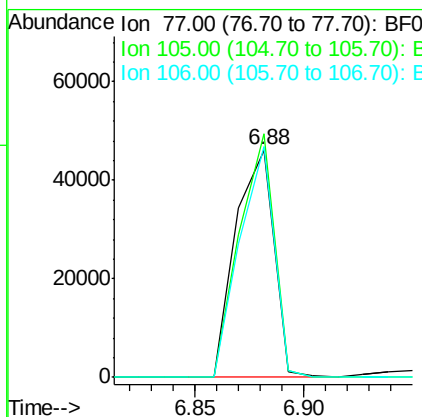
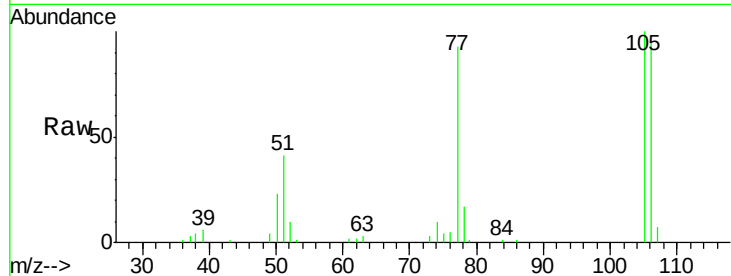
ClientSampleId :

PE-2MS

Tgt Ion:	77	Resp:	56406
Ion	Ratio	Lower	Upper
77	100		
105	107.1	91.6	131.6
106	101.4	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 46.35 ng

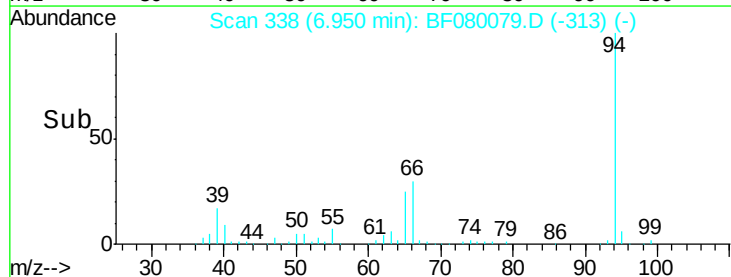
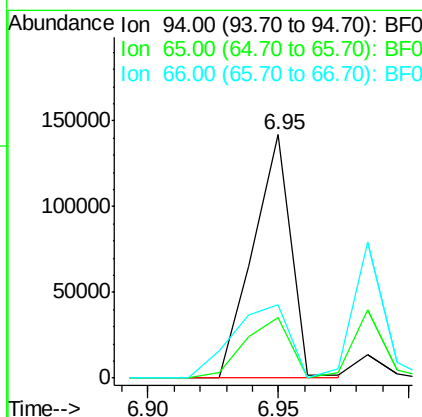
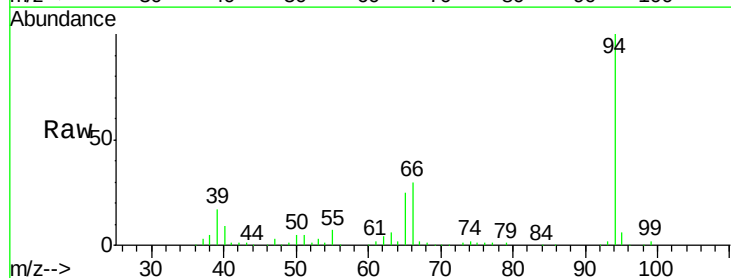
RT: 6.95 min Scan# 338

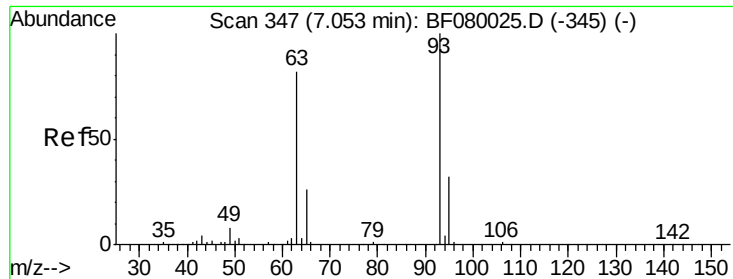
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	94	Resp:	144633
Ion	Ratio	Lower	Upper
94	100		
65	24.7	0.7	40.7
66	30.3	0.8	40.8





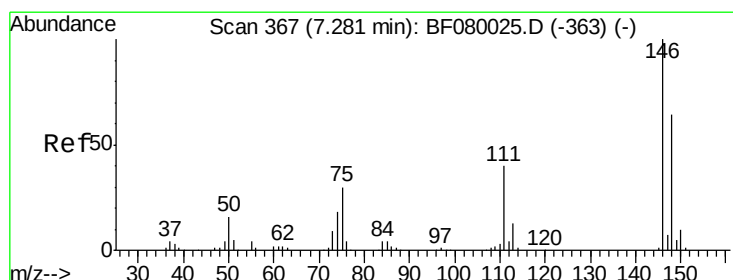
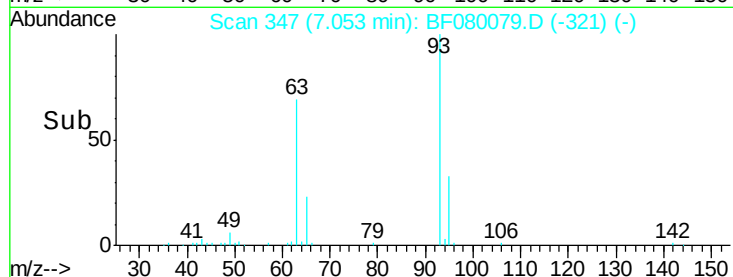
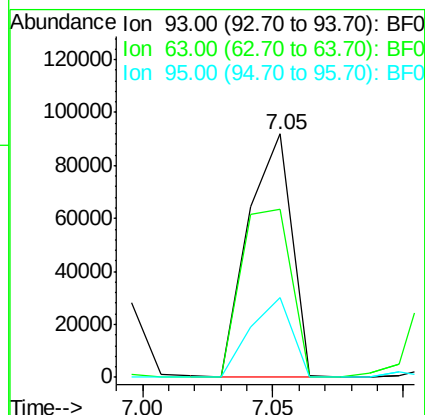
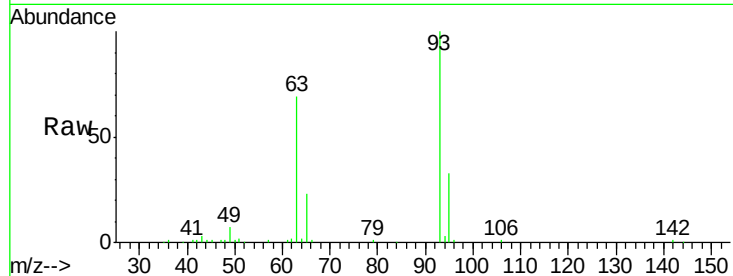
#11
bis(2-Chloroethyl)ether
Concen: 43.69 ng
RT: 7.05 min Scan# 347
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	68.9	65.6	105.6
95	32.9	13.6	53.6

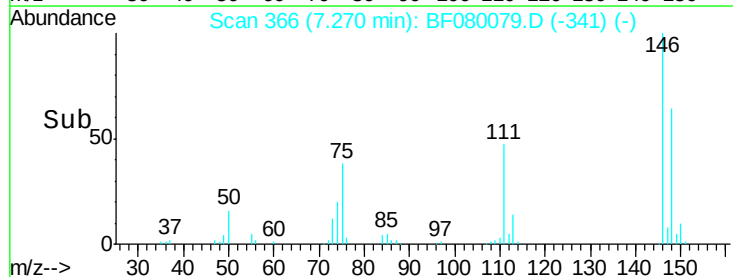
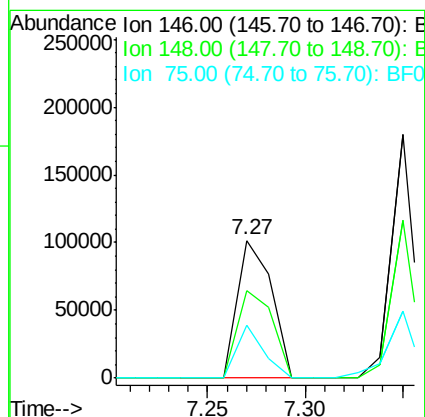
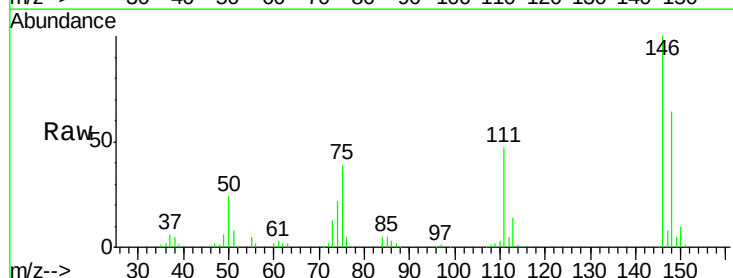
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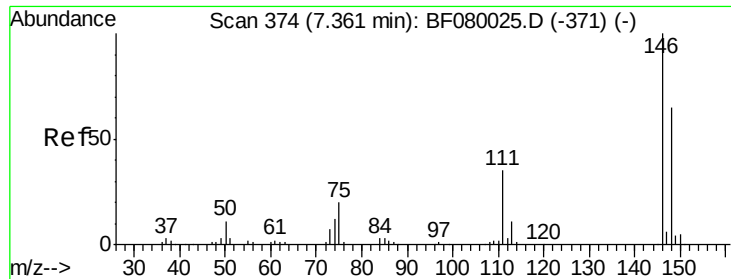
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#12
1,3-Dichlorobenzene
Concen: 41.16 ng m
RT: 7.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.8	51.0	76.4
75	38.8	15.0	22.6#





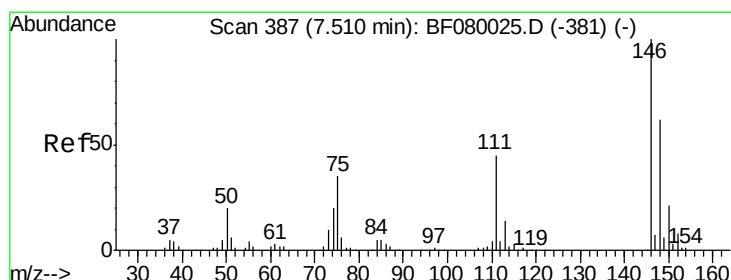
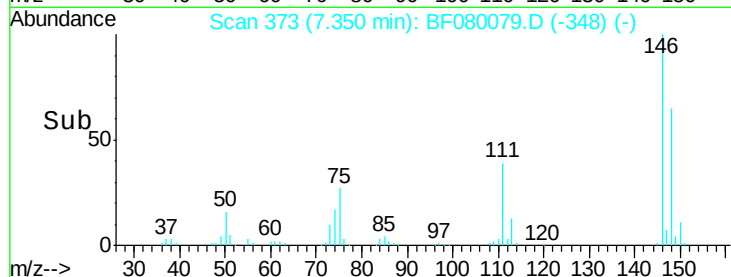
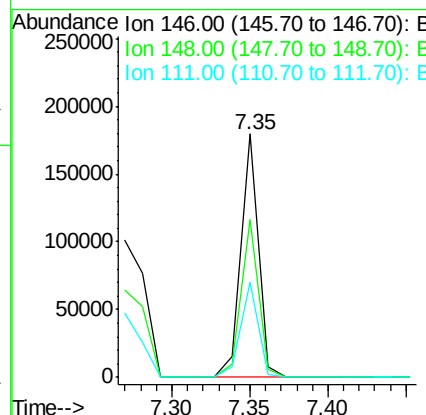
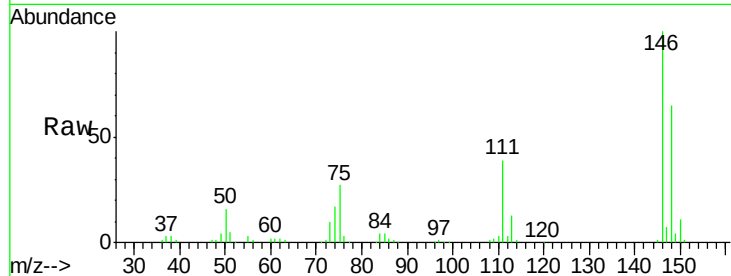
#13
 1,4-Dichlorobenzene
 Concen: 49.08 ng m
 RT: 7.35 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampled :
 PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	139253		
148	65.0	51.8	77.6	
111	39.2	24.9	37.3#	

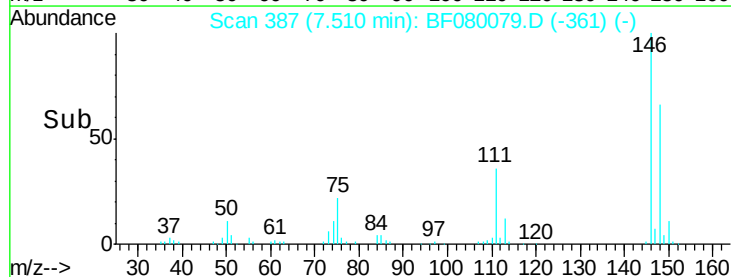
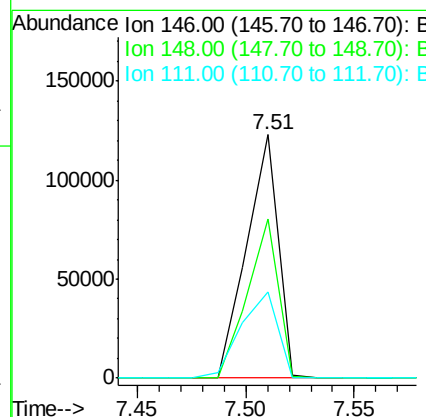
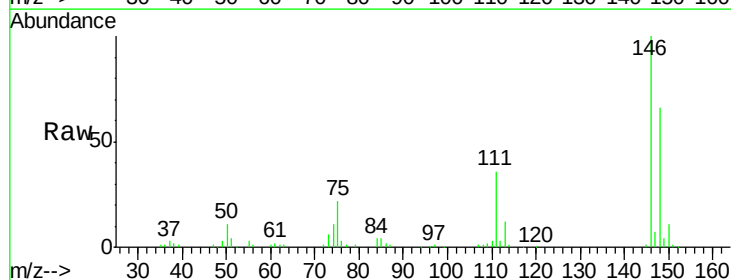
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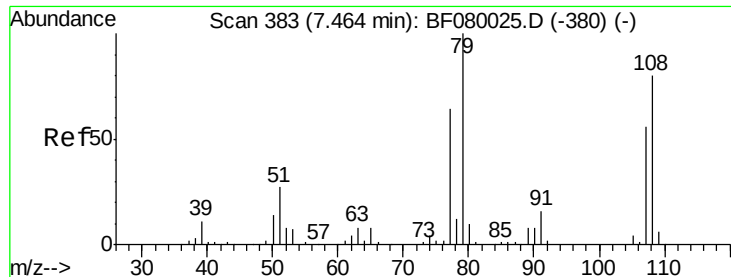
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#14
 1,2-Dichlorobenzene
 Concen: 44.74 ng
 RT: 7.51 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	123517		
148	65.6	52.7	79.1	
111	35.6	28.8	43.2	





#15

Benzyl Alcohol

Concen: 45.32 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampled :

PE-2MS

Tgt Ion: 79 Resp: 105946
Ion Ratio Lower Upper

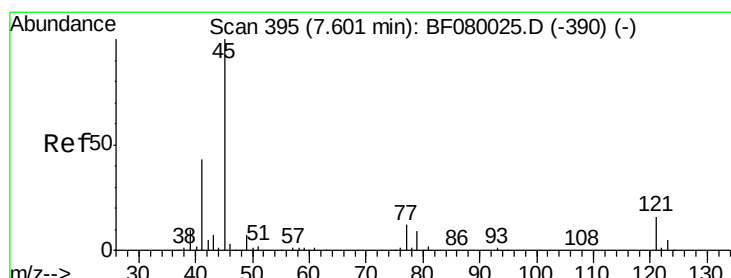
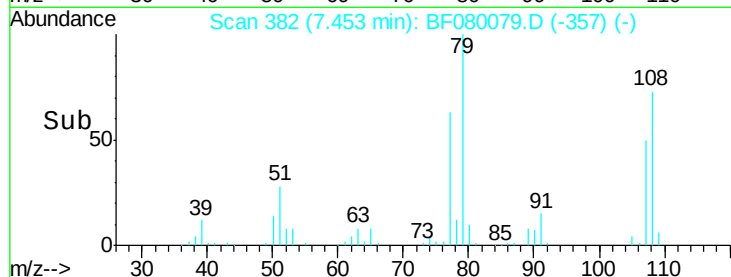
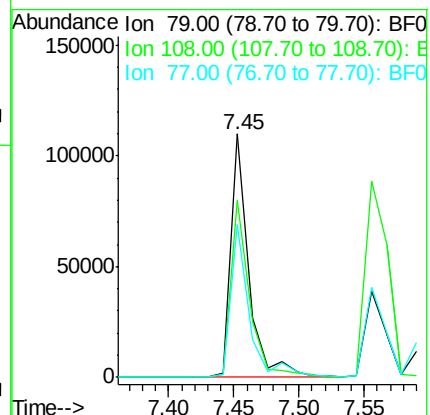
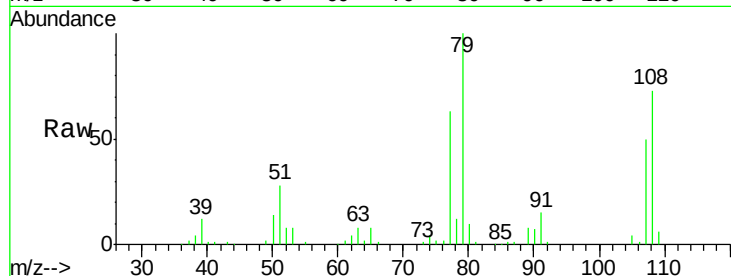
79 100

108 72.9 88.6 132.8#

77 62.9 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.26 ng

RT: 7.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080079.D

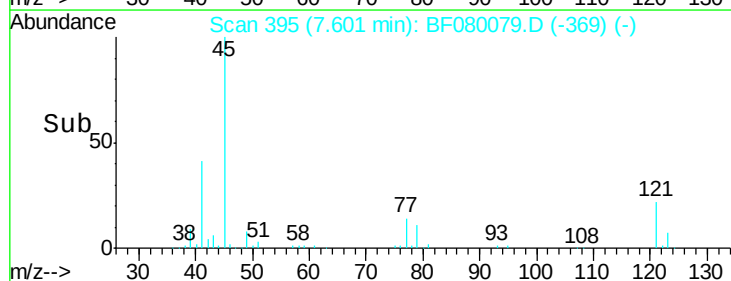
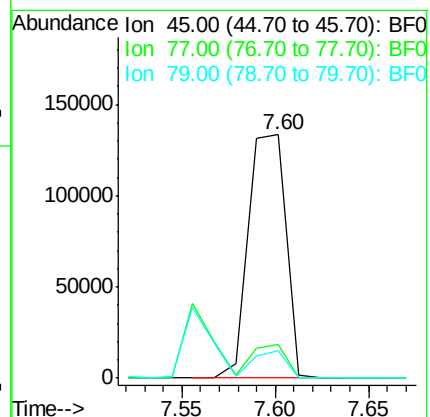
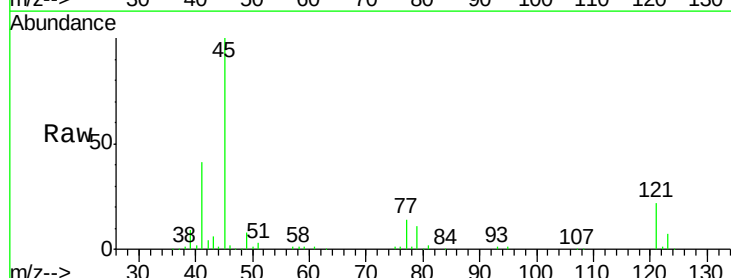
Acq: 20 Jun 2015 4:03

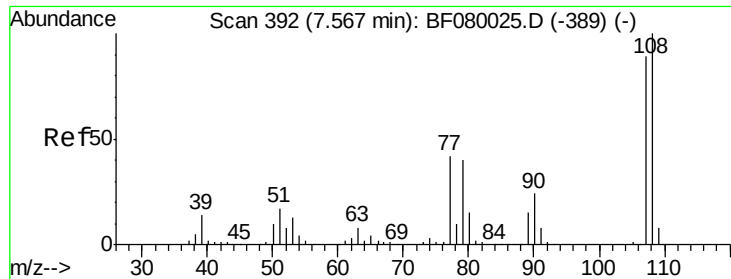
Tgt Ion: 45 Resp: 188353
Ion Ratio Lower Upper

45 100

77 14.0 0.0 28.1

79 11.2 0.0 26.0





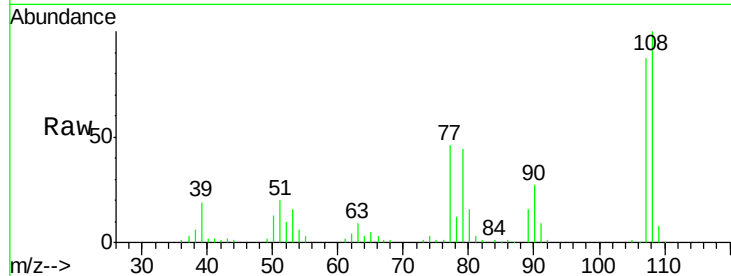
#17
2-Methylphenol
Concen: 43.14 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.4	96.6	145.0
77	53.1	23.3	34.9#
79	50.8	22.0	33.0#

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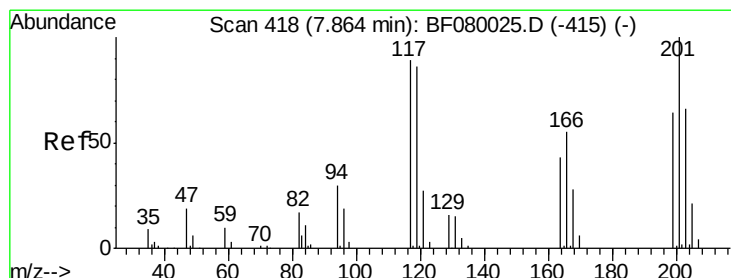
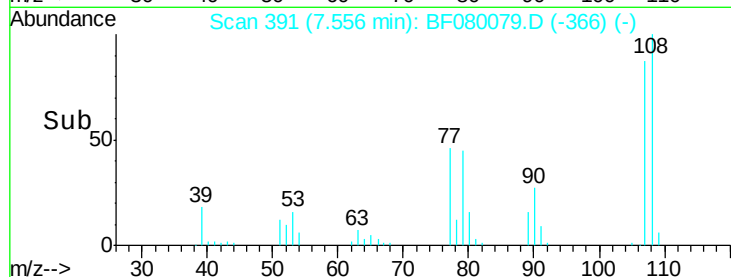
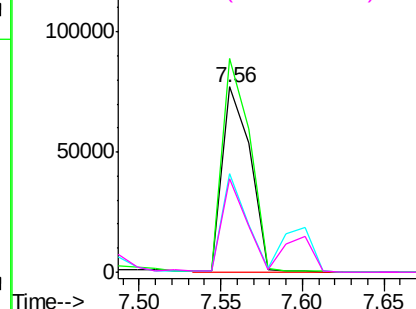
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 47.72 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

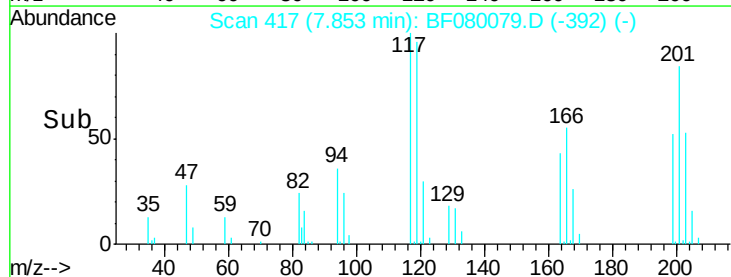
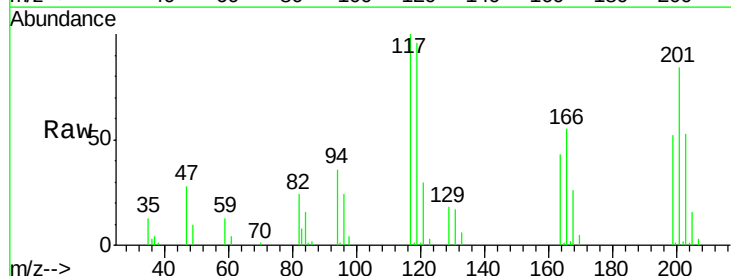
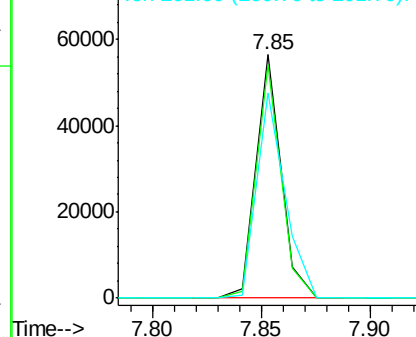
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.8	83.8	125.6
201	84.3	55.1	82.7#

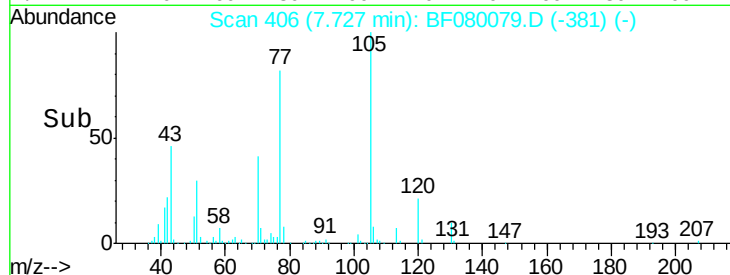
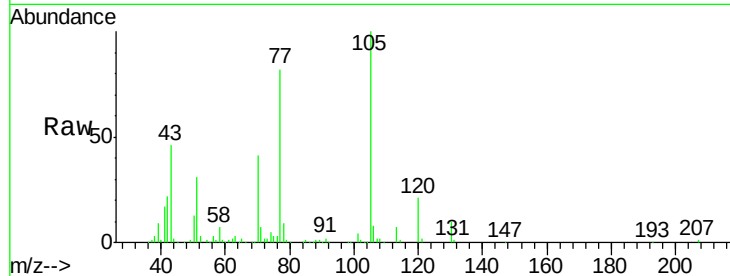
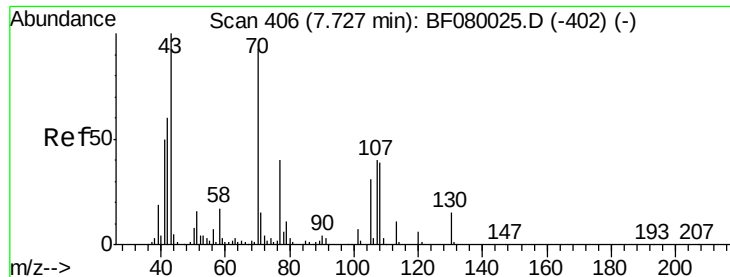
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





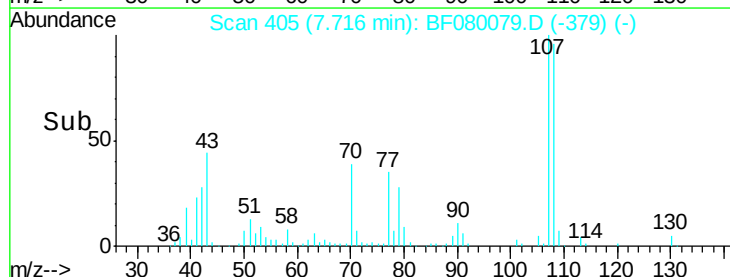
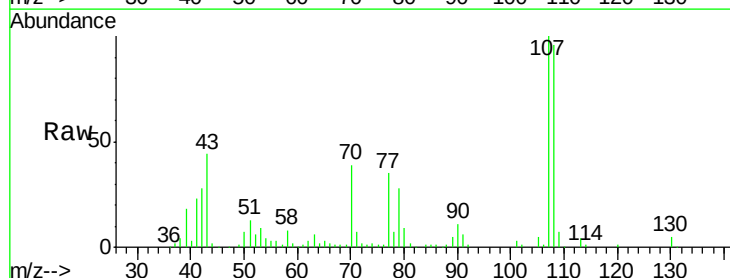
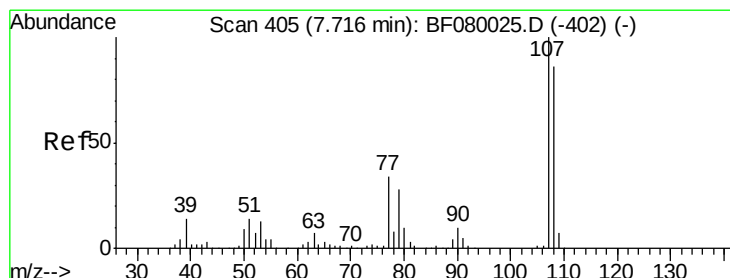
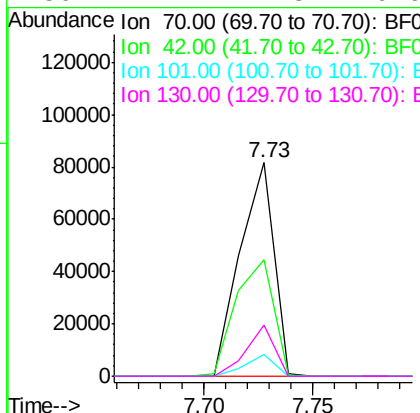
#19
n-Nitroso-di-n-propylamine
Concen: 44.30 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

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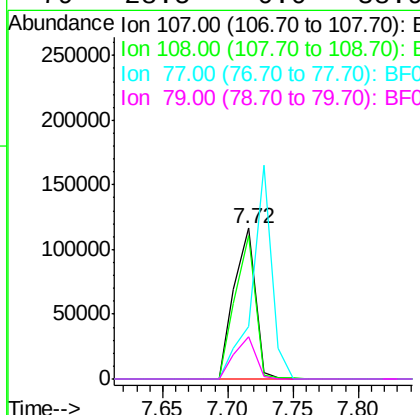
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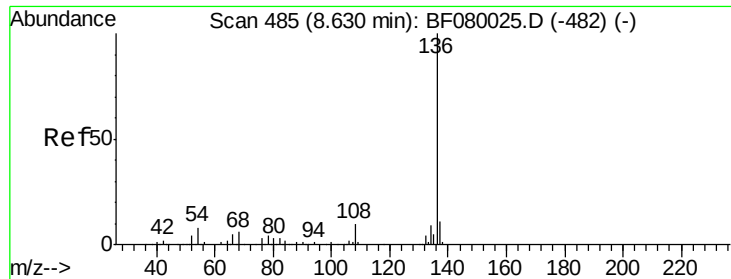
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	63.8	95.6#	
101	9.9	9.2	13.8	
130	24.2	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 48.16 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.7	74.6	114.6	
77	34.7	0.7	40.7	
79	28.5	0.0	38.9	





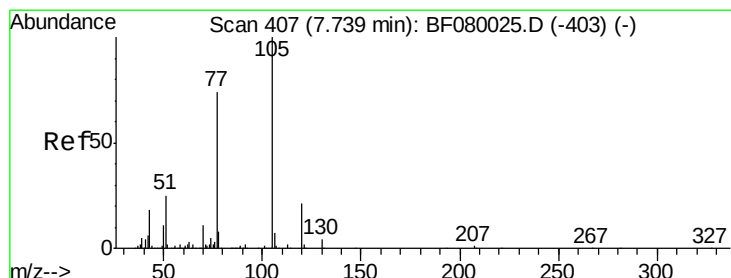
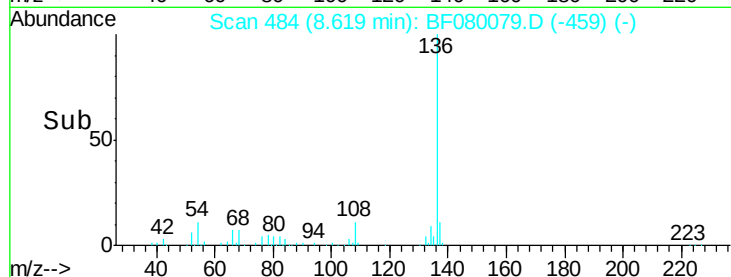
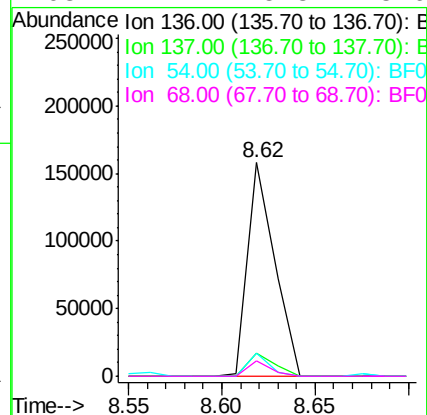
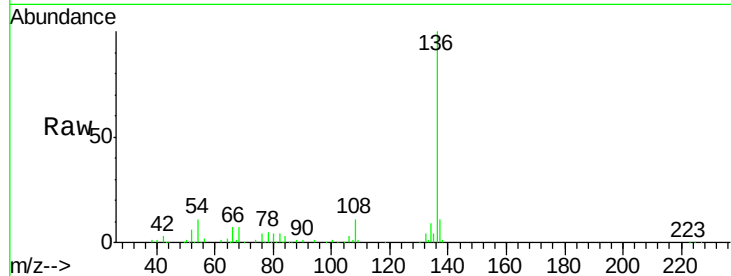
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	159578		
137	10.9	9.0	13.6	
54	10.7	8.2	12.2	
68	7.2	5.8	8.6	

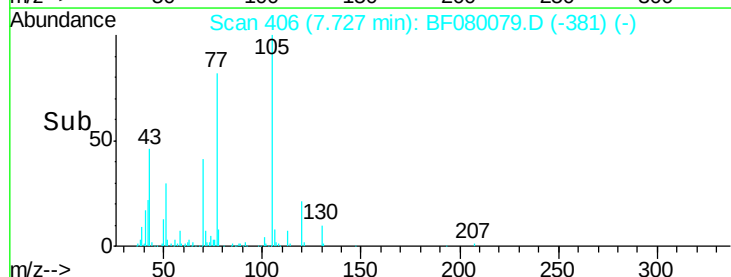
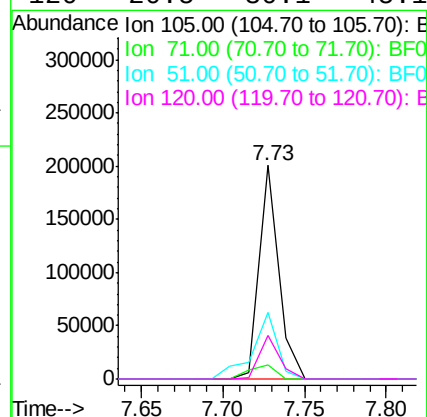
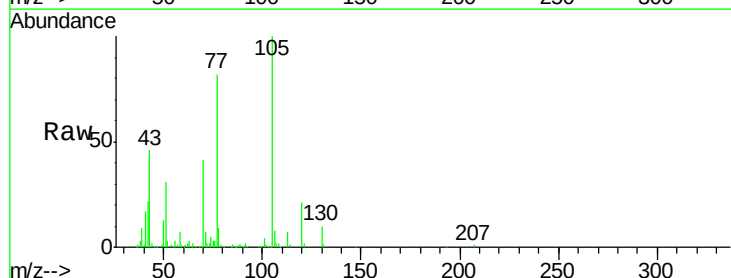
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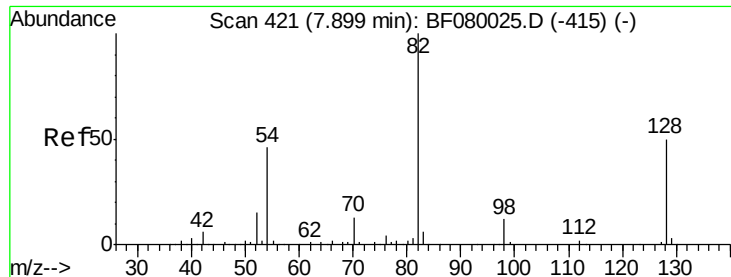
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#22
Acetophenone
Concen: 45.51 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	169233		
71	6.7	4.7	7.1	
51	31.0	22.0	33.0	
120	20.5	30.1	45.1#	





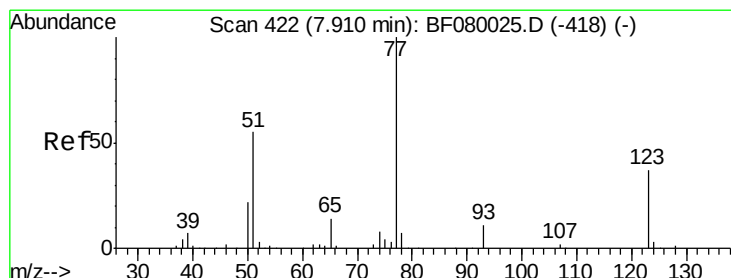
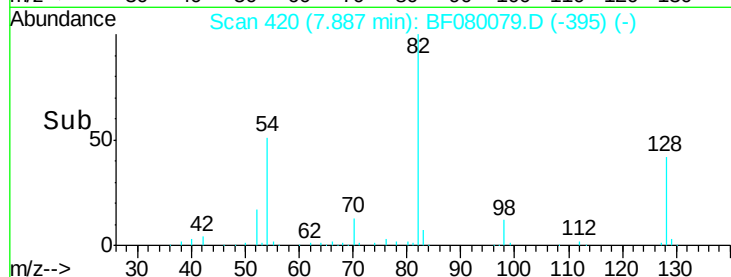
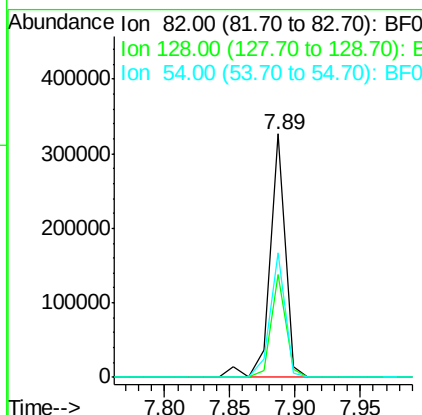
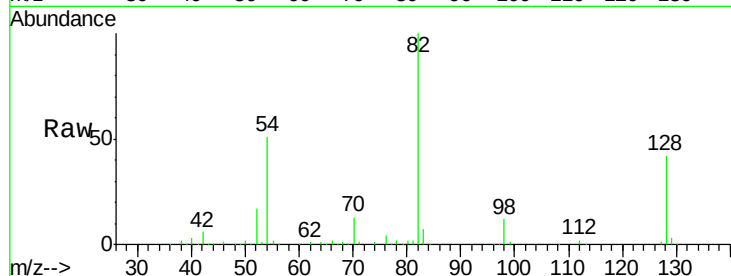
#23
 Nitrobenzene-d5
 Concen: 98.40 ng
 RT: 7.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampled :
 PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	269740		
128	42.2	51.0	76.6#	
54	51.3	47.5	71.3	

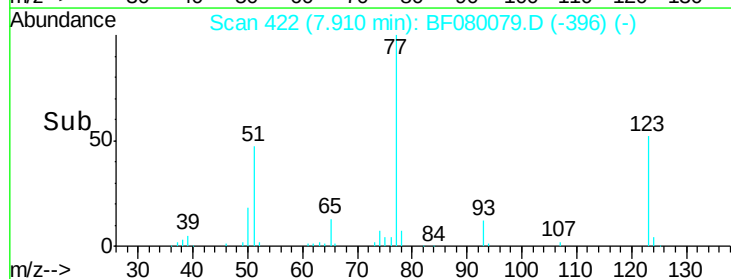
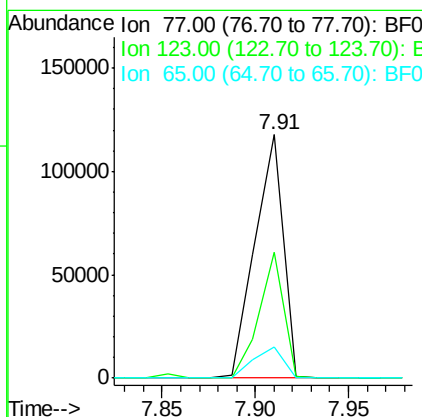
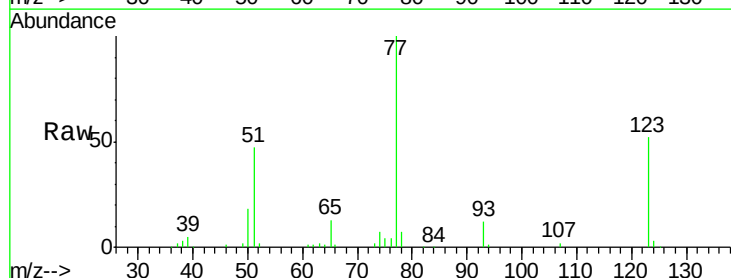
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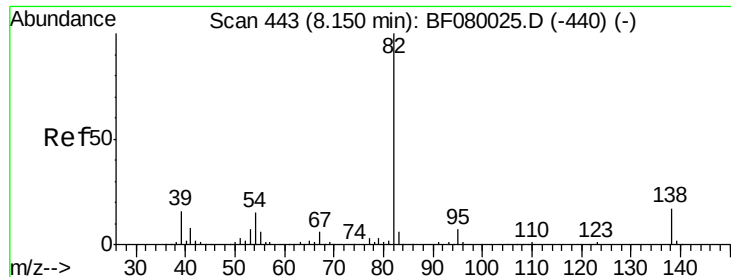
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#24
 Nitrobenzene
 Concen: 43.54 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	123188		
123	51.9	59.8	89.8#	
65	12.6	10.2	15.4	





#25

Isophorone

Concen: 41.98 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

Tgt Ion: 82 Resp: 231580
Ion Ratio Lower Upper

82 100

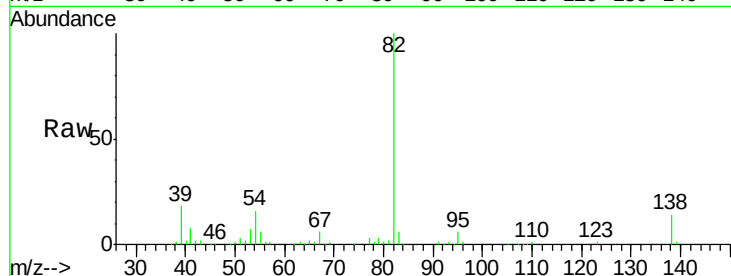
95 6.3 4.0 6.0#

138 13.5 18.3 27.5#

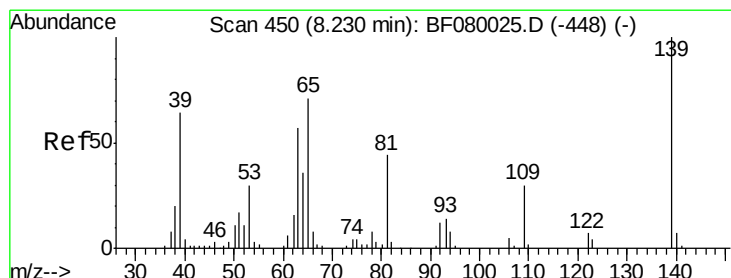
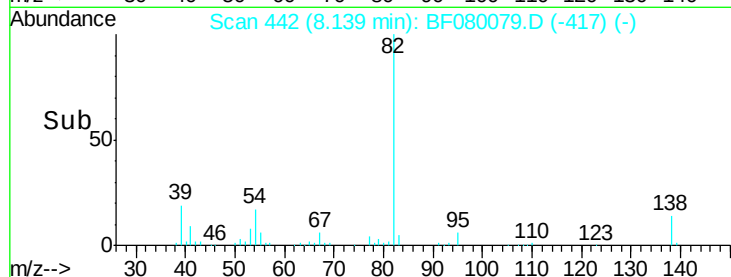
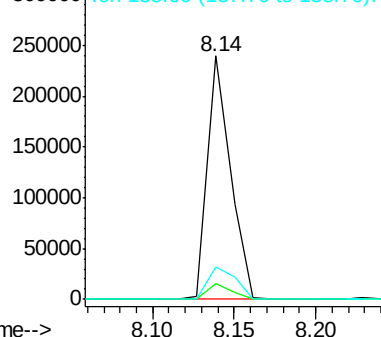
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.55 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080079.D

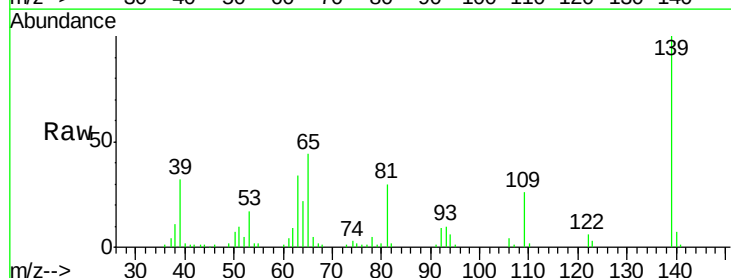
Acq: 20 Jun 2015 4:03

Tgt Ion: 139 Resp: 59868
Ion Ratio Lower Upper

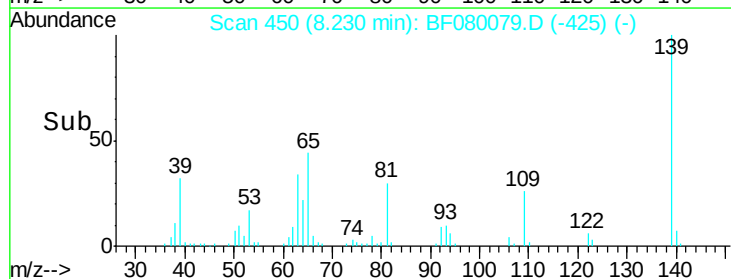
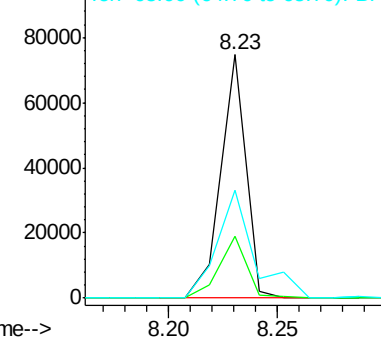
139 100

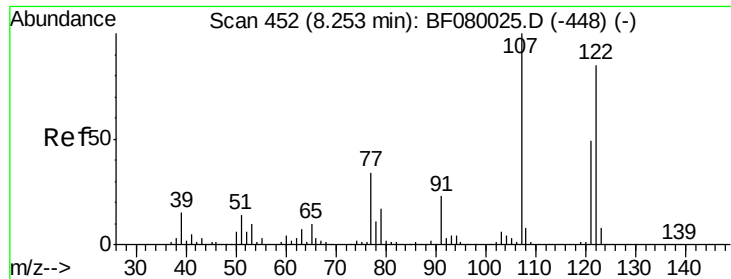
109 25.5 11.0 16.4#

65 44.1 24.7 37.1#



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





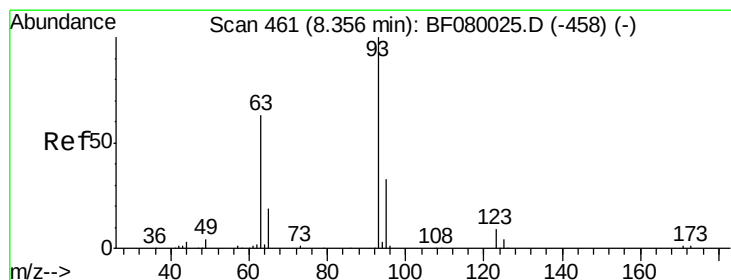
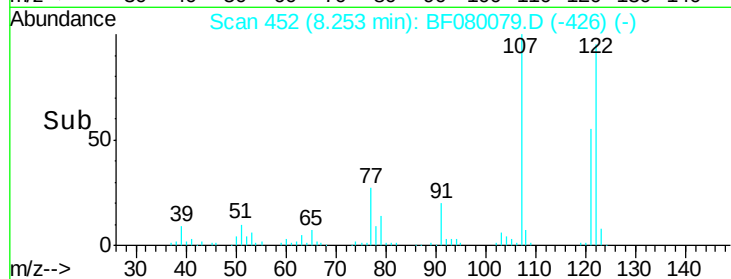
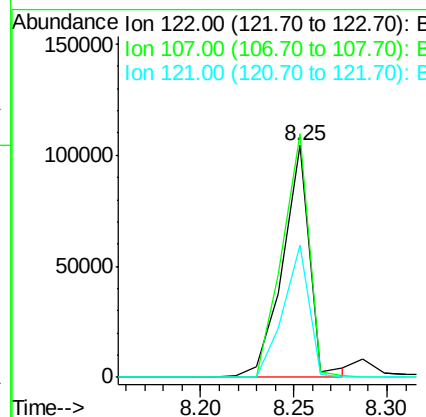
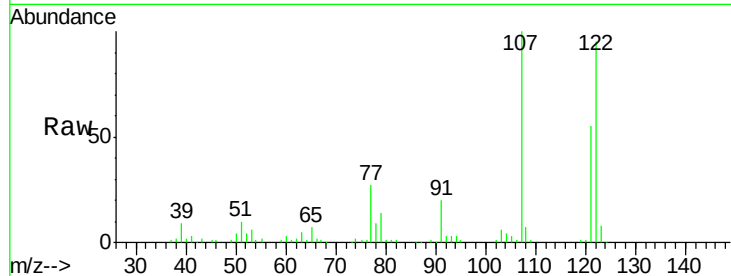
#27
 2,4-Dimethylphenol
 Concen: 42.91 ng
 RT: 8.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	105972		
107	105.1	71.8	107.6	
121	57.3	42.3	63.5	

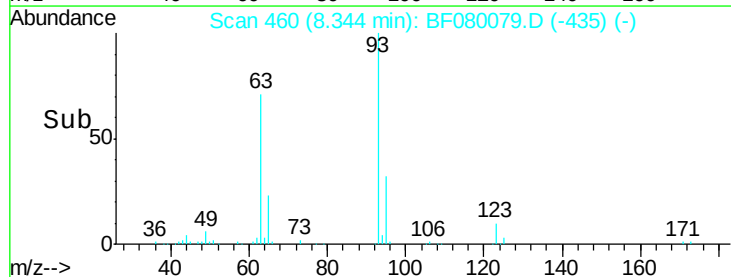
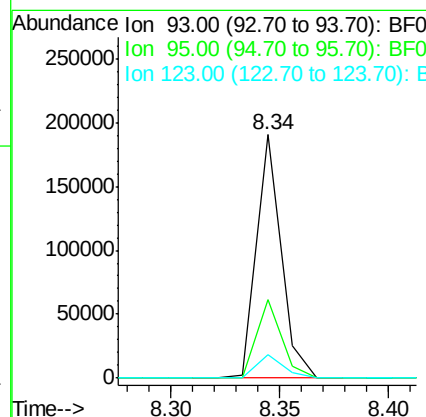
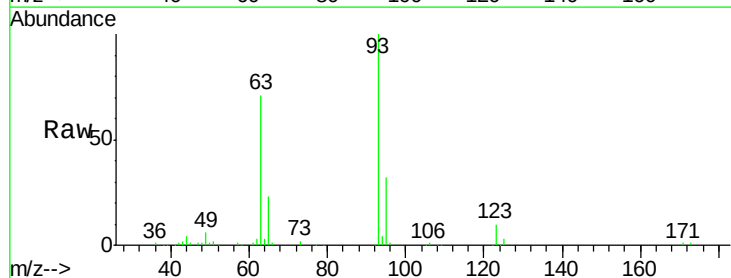
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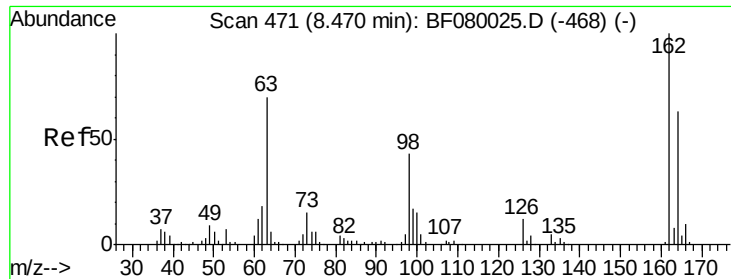
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.39 ng
 RT: 8.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	150347		
95	32.0	27.5	41.3	
123	9.9	13.7	20.5	





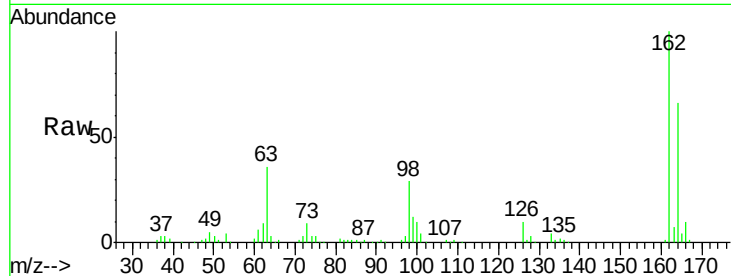
#29
 2,4-Dichlorophenol
 Concen: 50.18 ng
 RT: 8.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

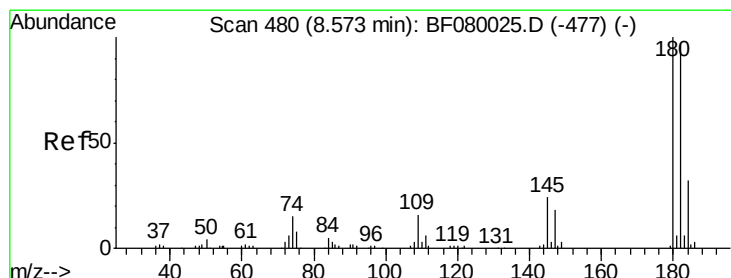
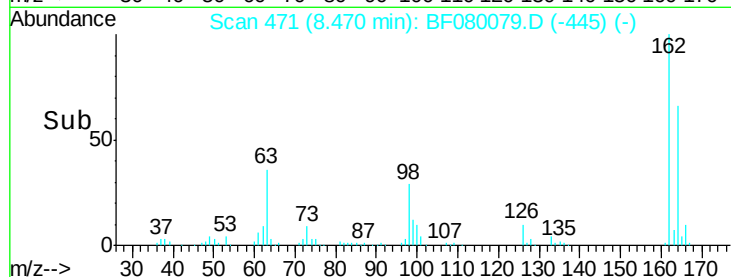
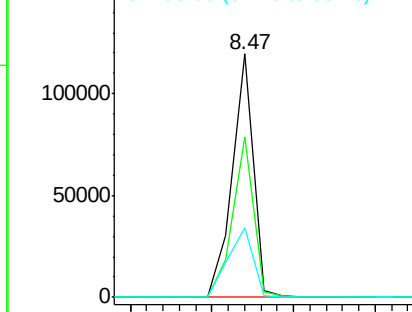
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	44.9	84.9
98	28.5	13.0	53.0

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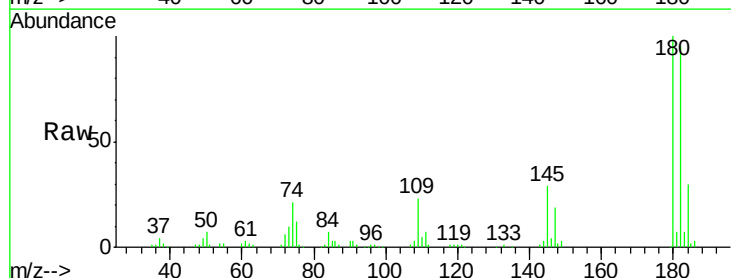


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

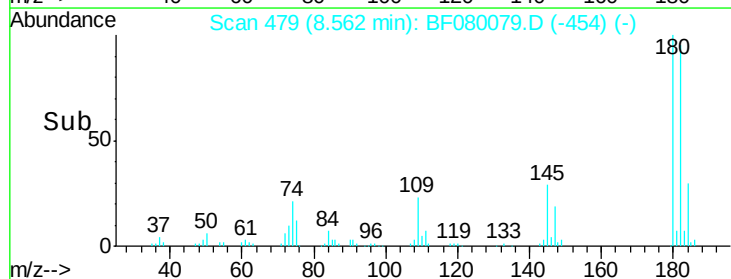
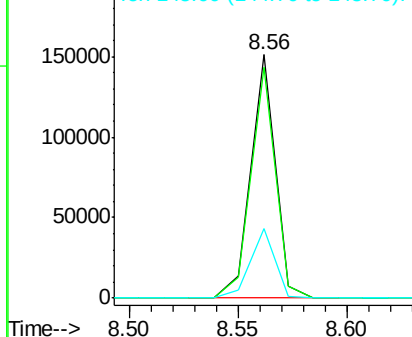


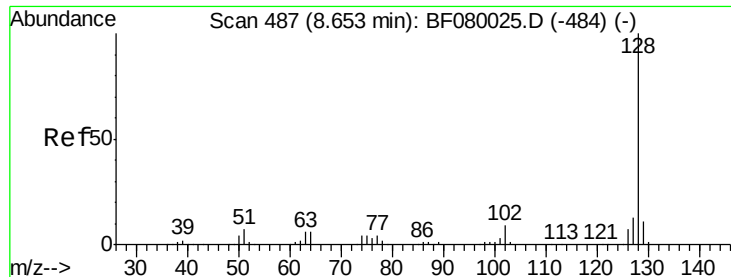
#30
 1,2,4-Trichlorobenzene
 Concen: 49.16 ng
 RT: 8.56 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	77.1	115.7
145	28.8	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





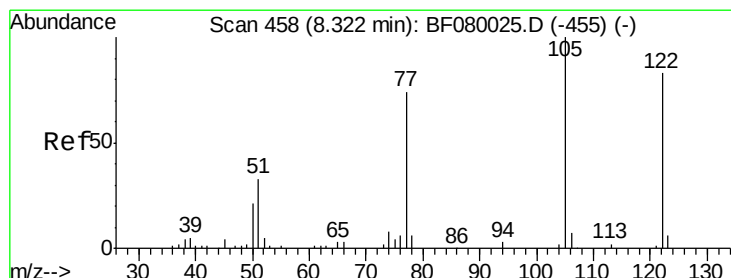
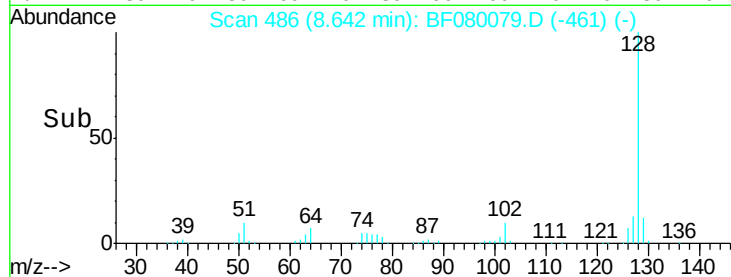
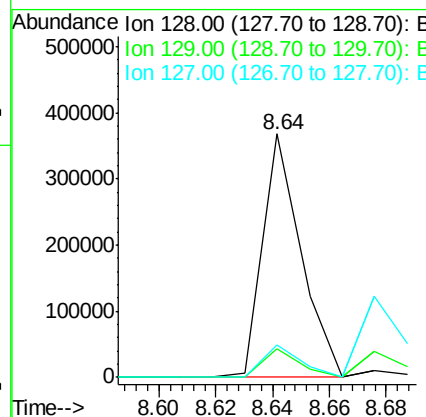
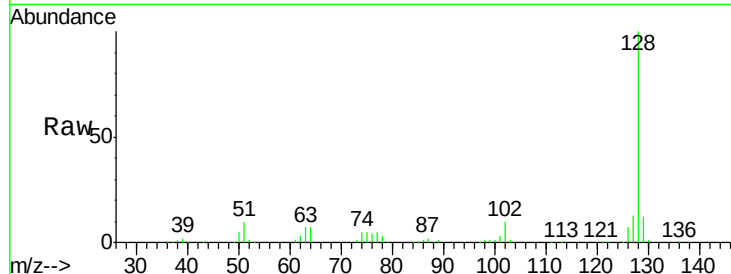
#31
Naphthalene
Concen: 40.89 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.4	12.6
127	13.4	9.9	14.9

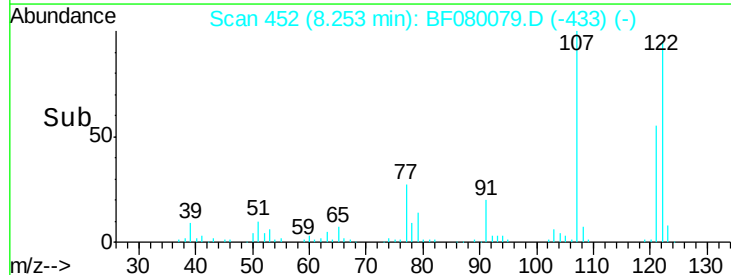
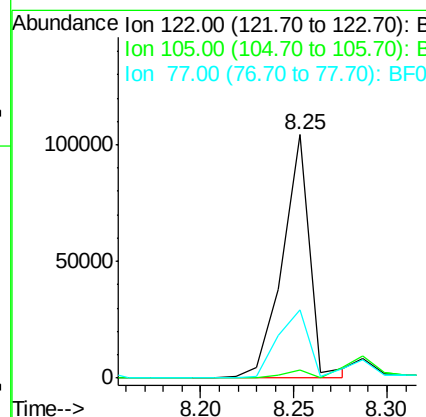
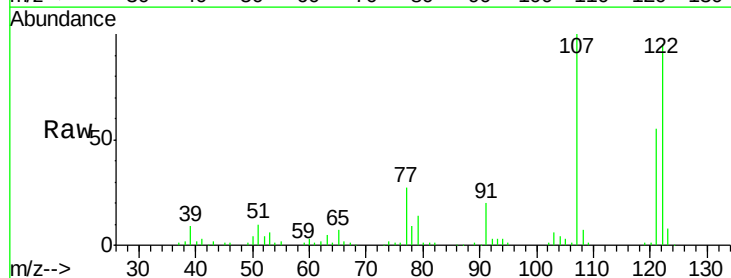
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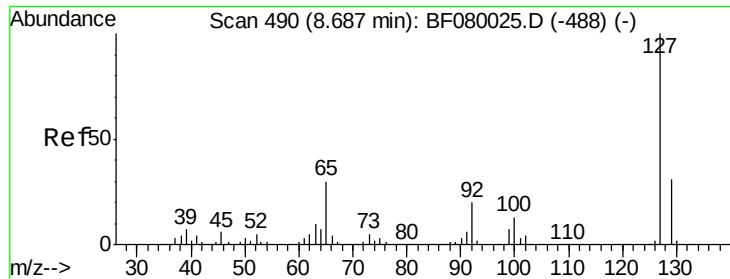
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#32
Benzoic acid
Concen: 70.98 ng
RT: 8.25 min Scan# 452
Delta R.T. -0.08 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	3.4	76.1	116.1#
77	28.2	40.5	80.5#





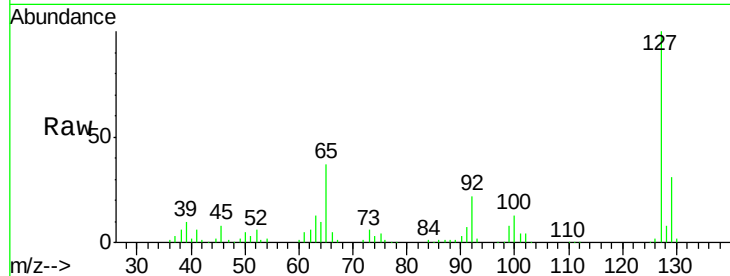
#33
4-Chloroaniline
Concen: 33.65 ng m
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

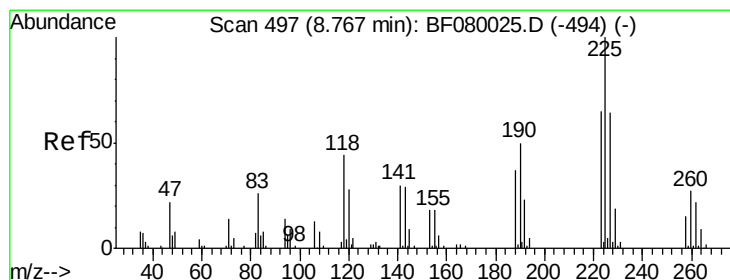
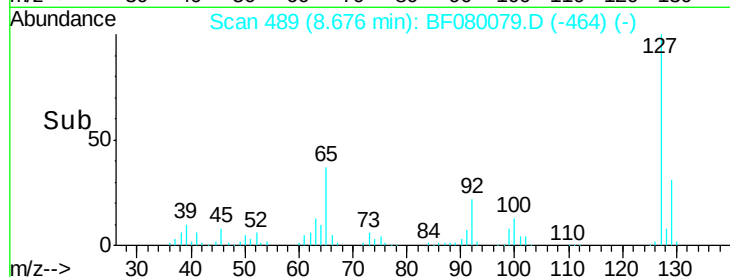
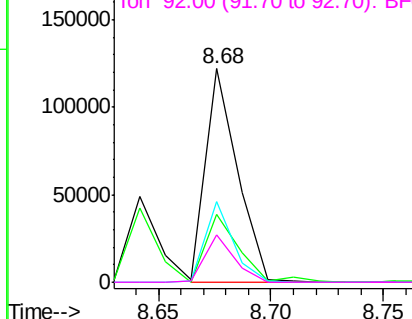
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	25.8	38.6
65	37.5	17.9	26.9
92	21.9	10.5	15.7

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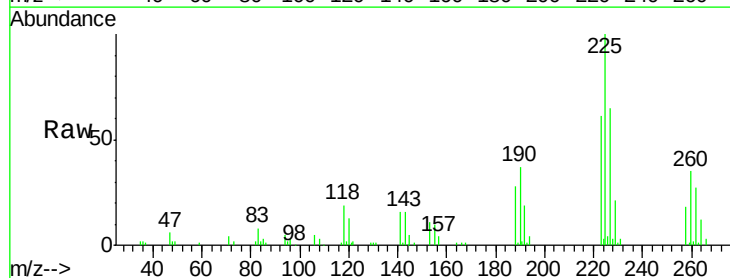


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

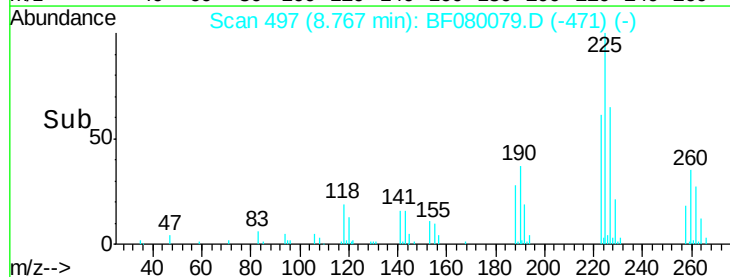
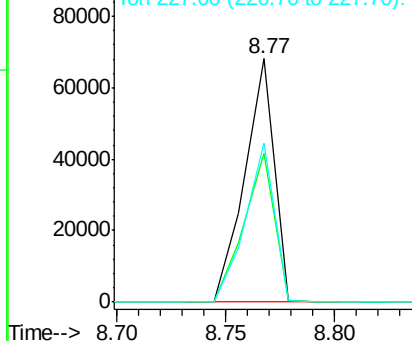


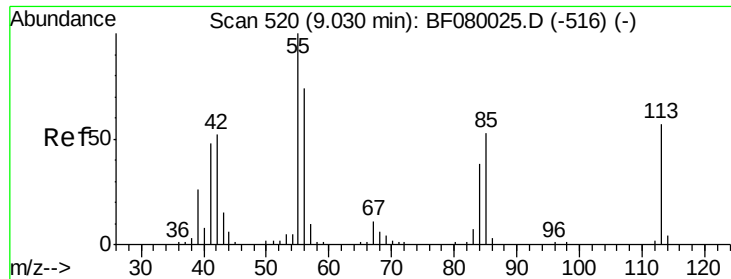
#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.1	50.2	75.2
227	65.3	52.2	78.2



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





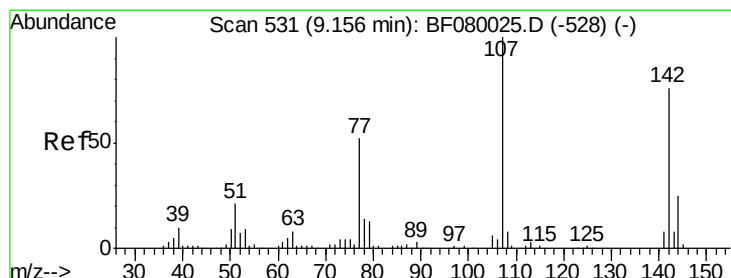
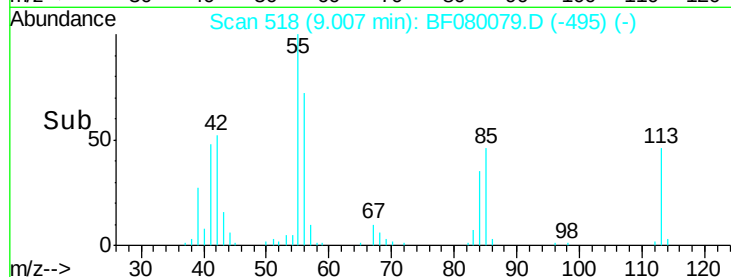
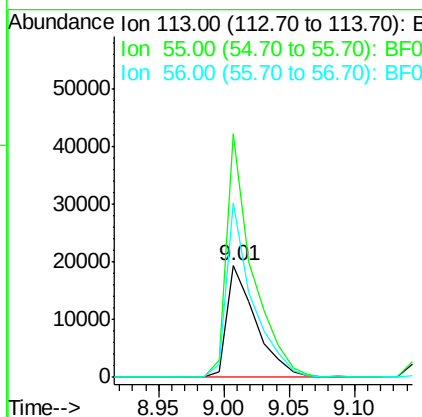
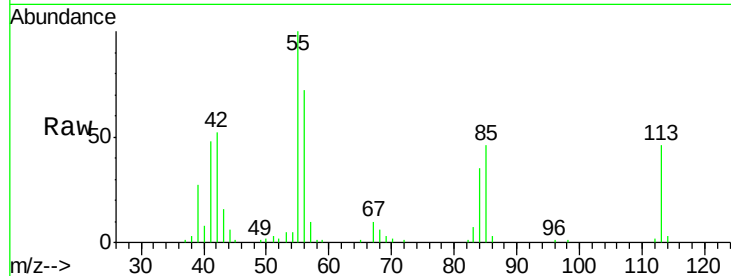
#35
 Caprolactam
 Concen: 43.58 ng
 RT: 9.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion:113 Resp: 29916
 Ion Ratio Lower Upper
 113 100
 55 218.9 152.4 192.4#
 56 157.0 104.6 144.6#

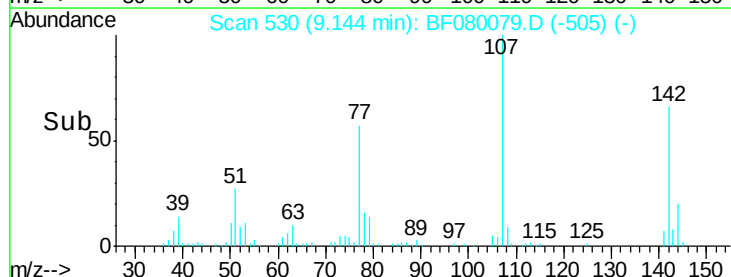
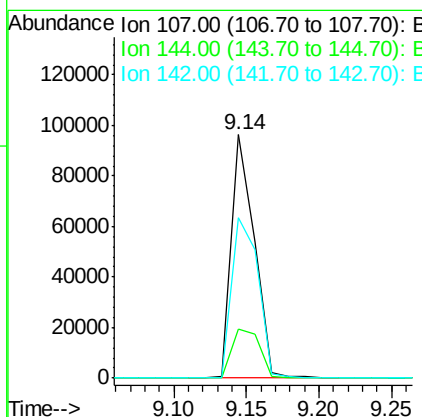
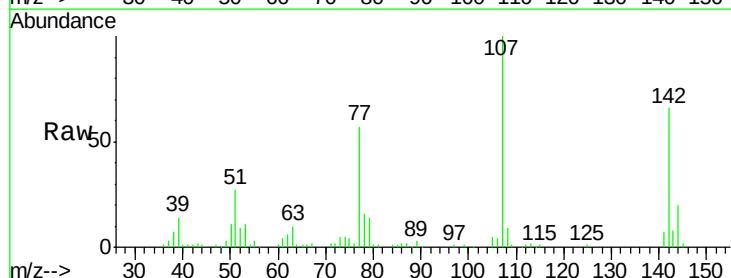
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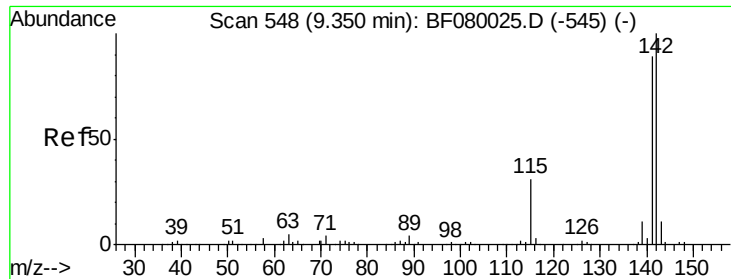
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#36
 4-Chloro-3-methylphenol
 Concen: 44.33 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion:107 Resp: 105739
 Ion Ratio Lower Upper
 107 100
 144 20.1 25.4 38.0#
 142 66.1 77.3 115.9#





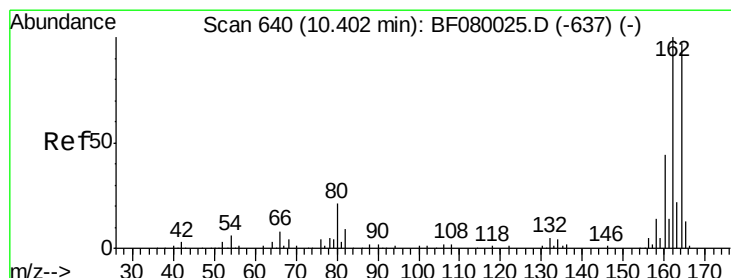
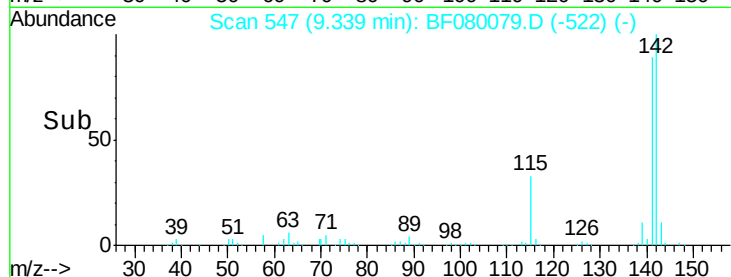
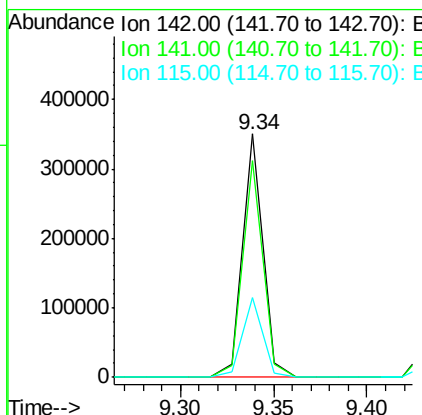
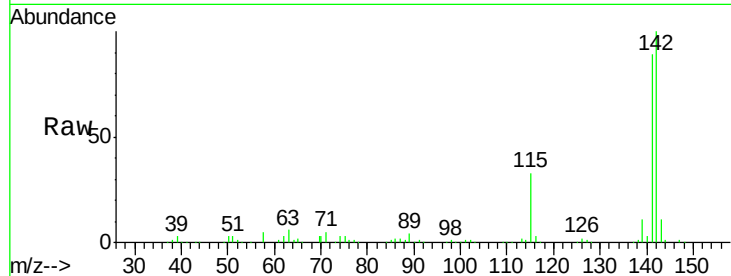
#37
 2-Methylnaphthalene
 Concen: 49.75 ng
 RT: 9.34 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.1	67.5	101.3
115	33.0	18.2	27.2

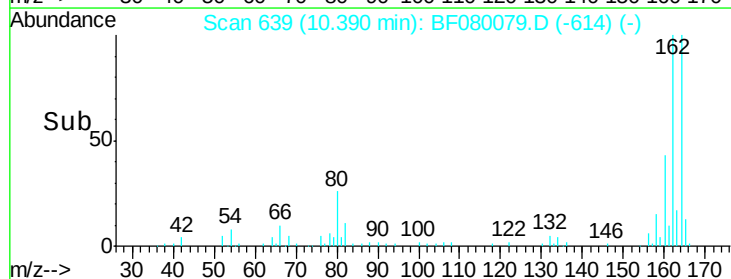
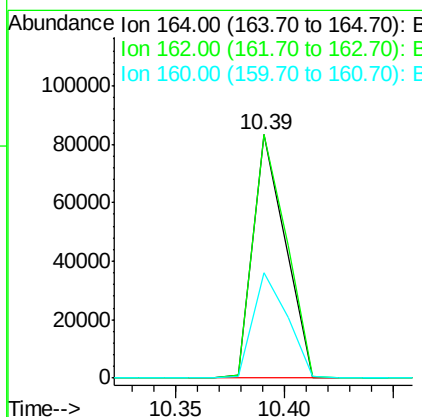
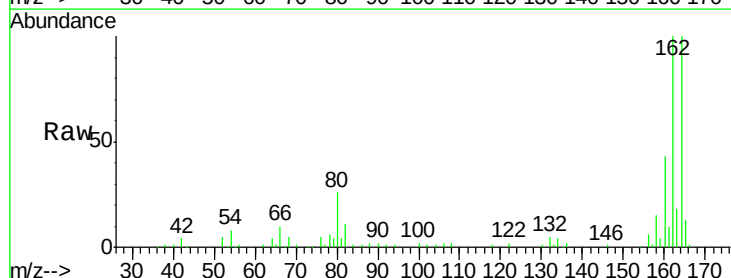
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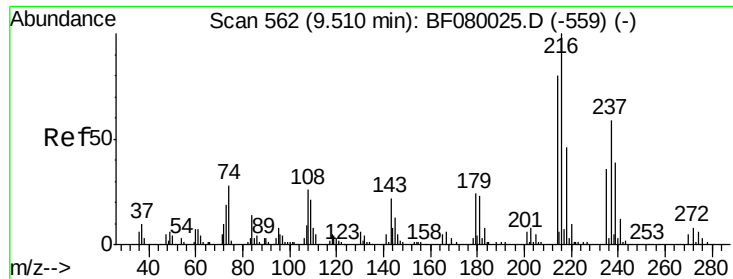
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	100.0	75.2	112.8
160	43.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.21 ng

RT: 9.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF080079.D

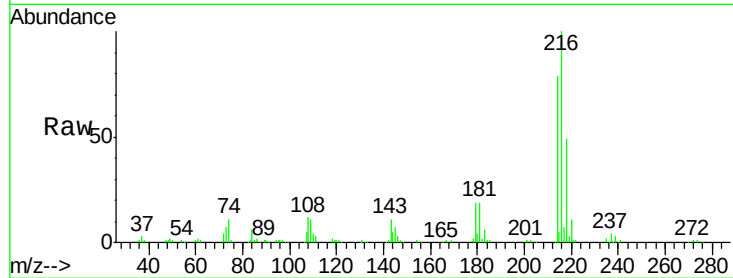
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

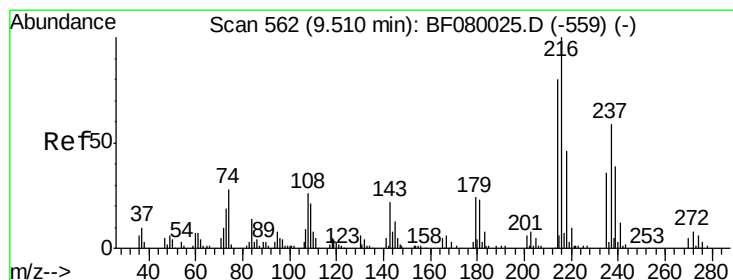
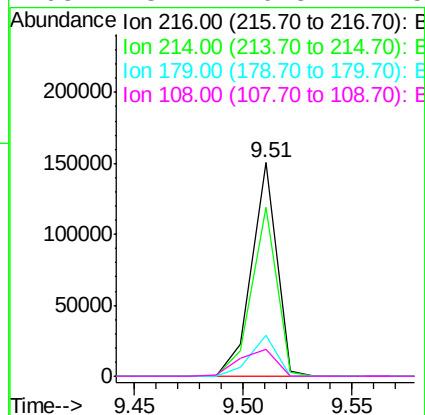
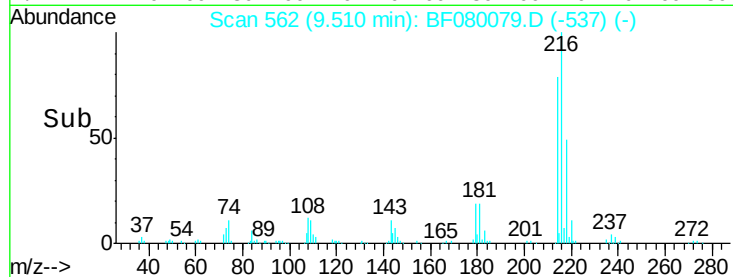
PE-2MS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	121253		
214	78.9	63.5	95.3	
179	20.2	16.6	24.8	
108	18.7	16.3	24.5	

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#40

Hexachlorocyclopentadiene

Concen: 86.74 ng

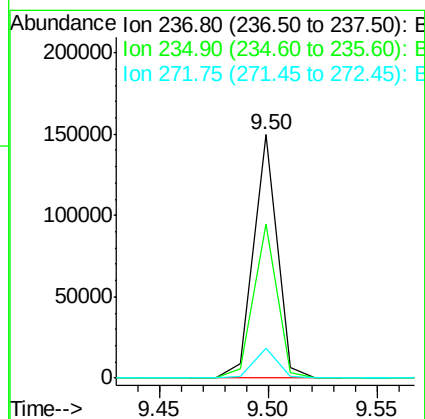
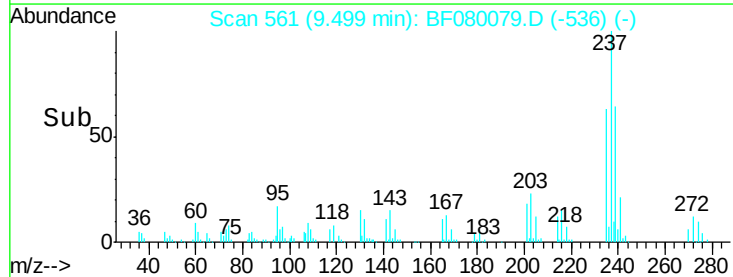
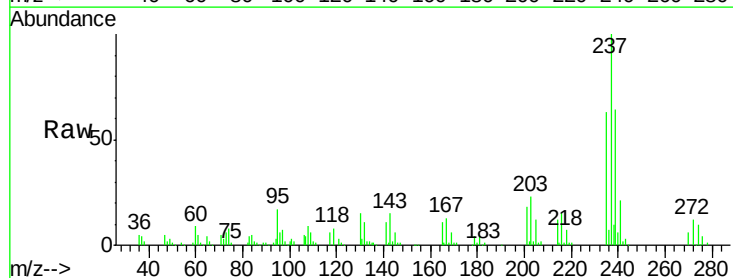
RT: 9.50 min Scan# 561

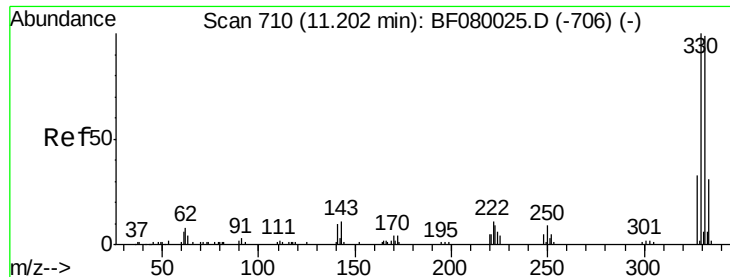
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	113000		
235	63.5	42.0	82.0	
272	12.1	0.0	36.1	





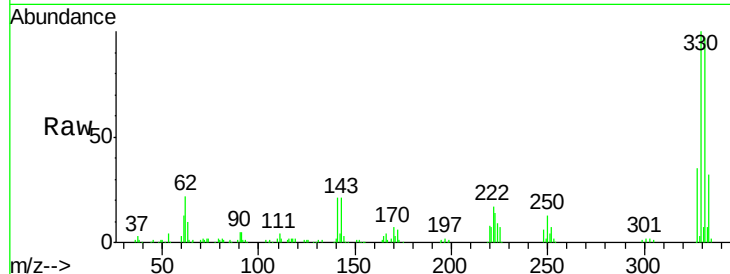
#41
 2,4,6-Tribromophenol
 Concen: 155.12 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

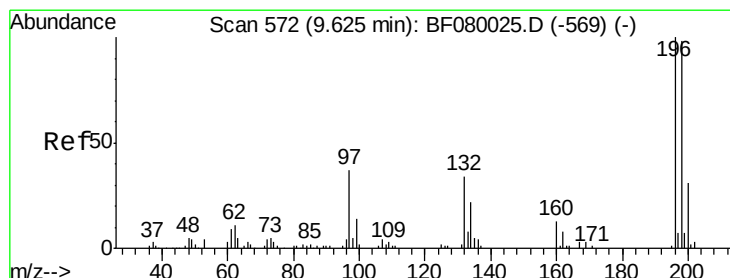
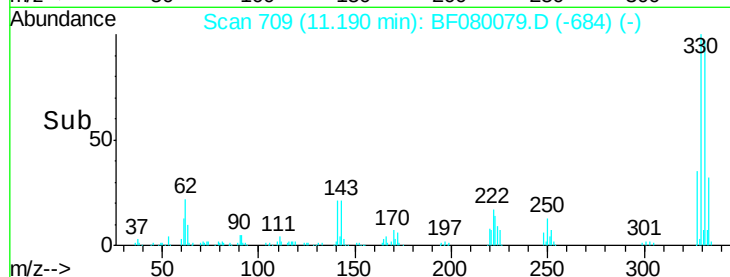
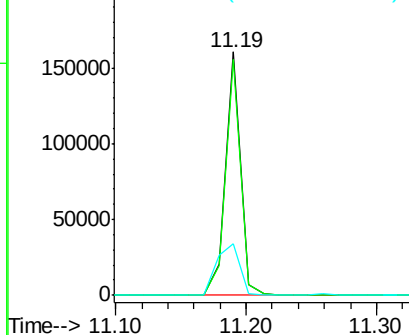
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	131098		
332	96.0	76.6	114.8	
141	32.5	29.7	44.5	

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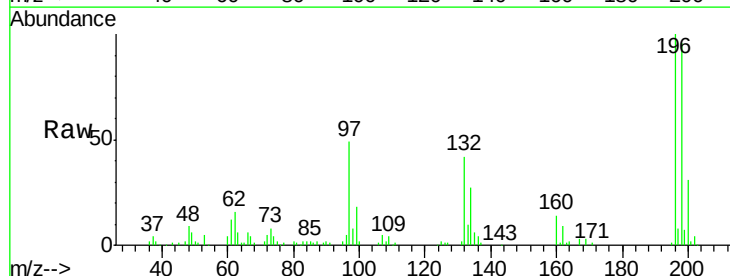


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

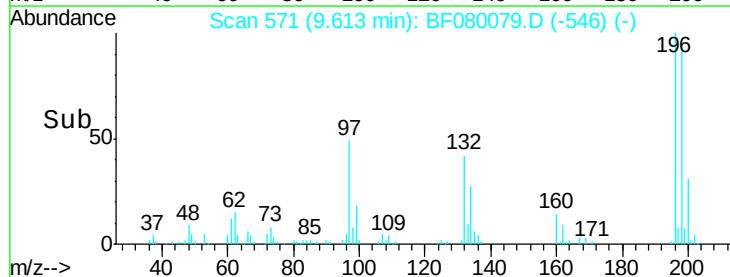
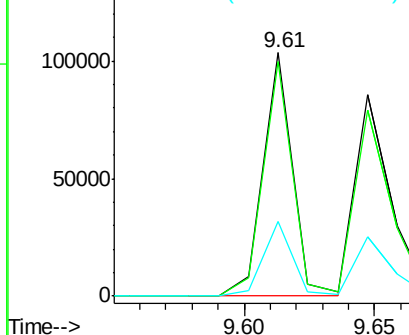


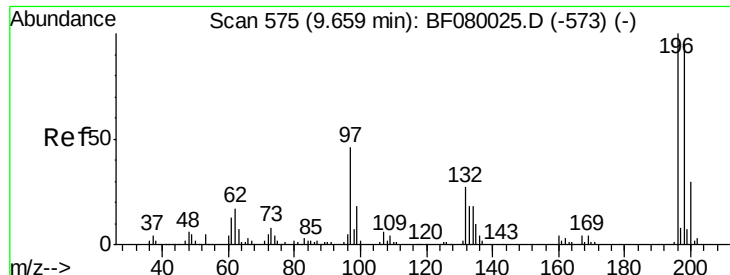
#42
 2,4,6-Trichlorophenol
 Concen: 47.57 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81410		
198	96.4	75.7	113.5	
200	30.9	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





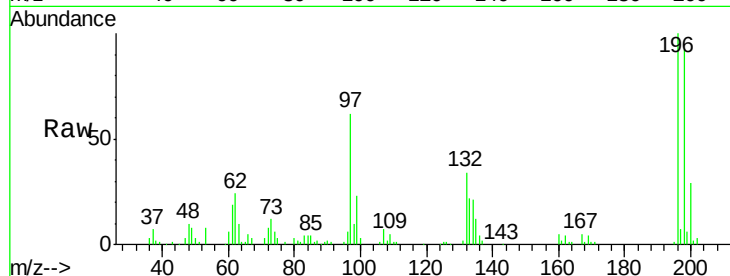
#43
 2,4,5-Trichlorophenol
 Concen: 41.63 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

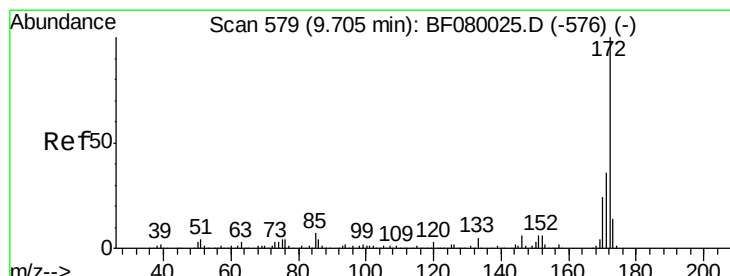
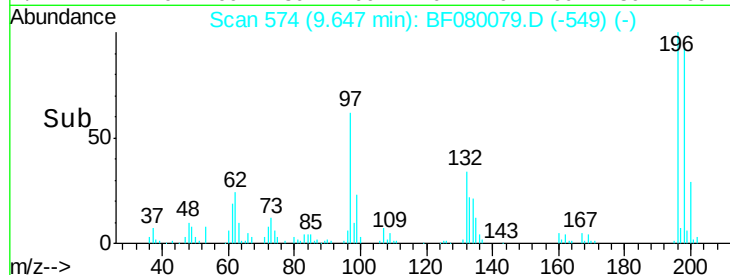
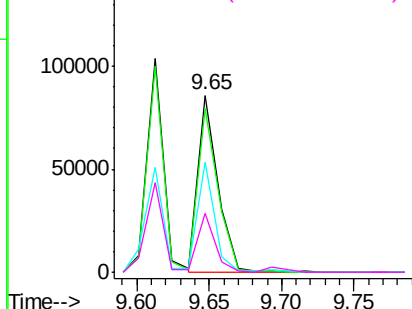
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	82073		
198	92.4	75.4	113.0	
97	61.9	33.3	49.9	
132	33.5	24.6	37.0	

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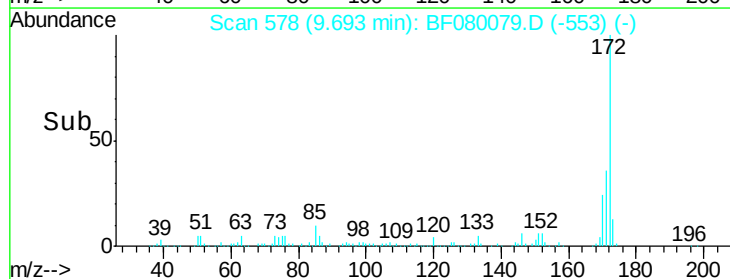
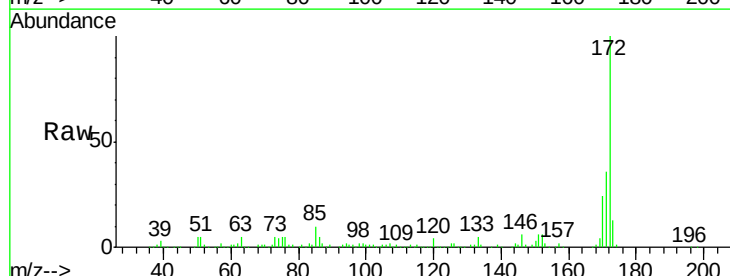
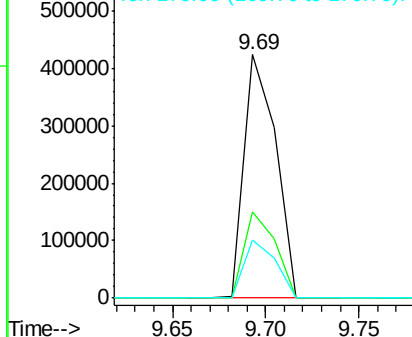
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

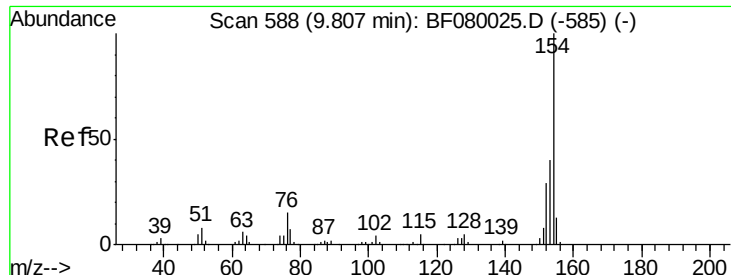


#44
 2-Fluorobiphenyl
 Concen: 81.85 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	496025		
171	35.5	26.1	39.1	
170	23.7	17.4	26.2	

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





#45

1,1'-Biphenyl

Concen: 41.54 ng

RT: 9.81 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

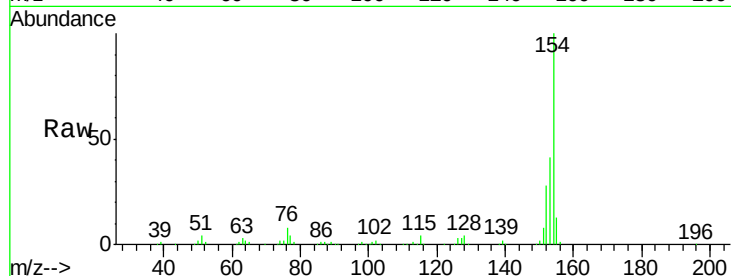
ClientSampleId :

PE-2MS

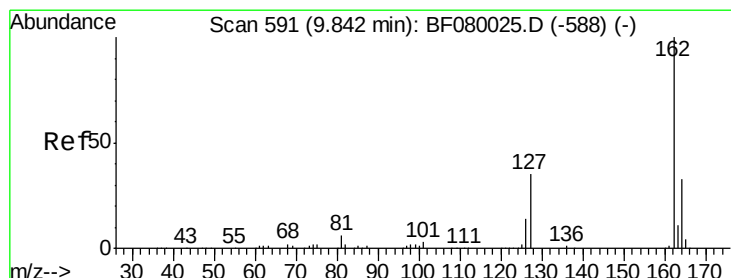
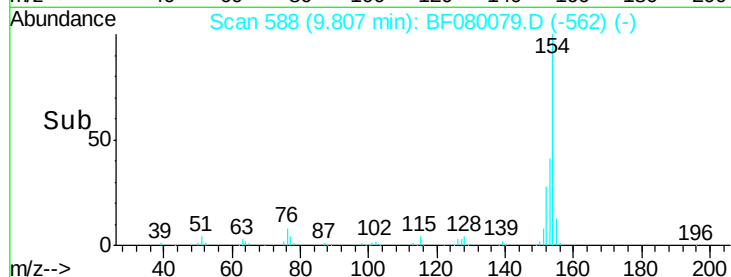
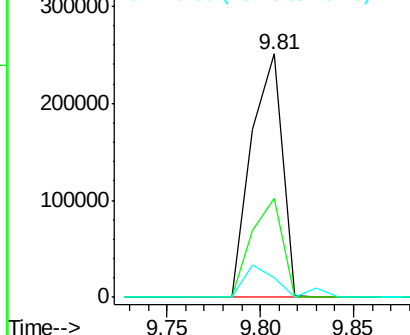
Tgt Ion:	154	Resp:	292098
Ion Ratio	Lower	Upper	
154	100		
153	40.7	17.1	57.1
76	8.0	0.0	31.6

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



#46

2-Chloronaphthalene

Concen: 41.40 ng

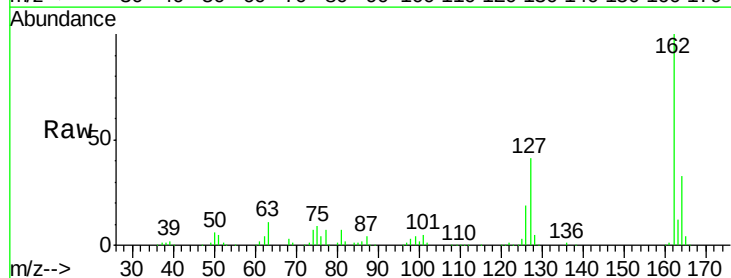
RT: 9.83 min Scan# 590

Delta R.T. -0.01 min

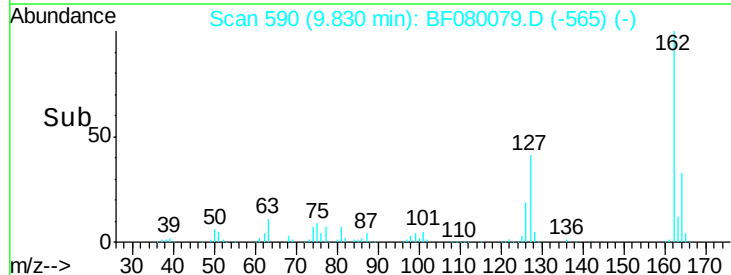
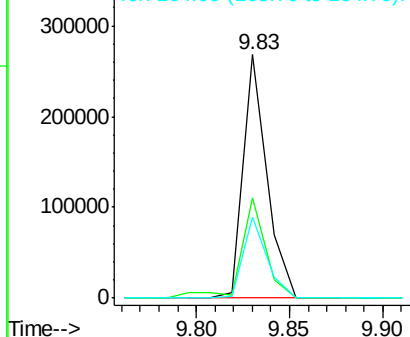
Lab File: BF080079.D

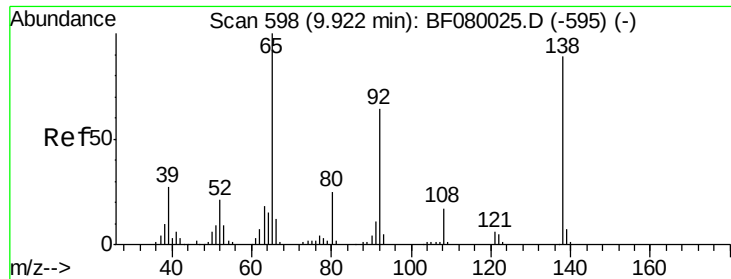
Acq: 20 Jun 2015 4:03

Tgt Ion:	162	Resp:	236228
Ion Ratio	Lower	Upper	
162	100		
127	41.3	27.6	41.4
164	33.1	25.4	38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.72 ng

RT: 9.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS

Tgt Ion: 65 Resp: 66907
Ion Ratio Lower Upper

65 100

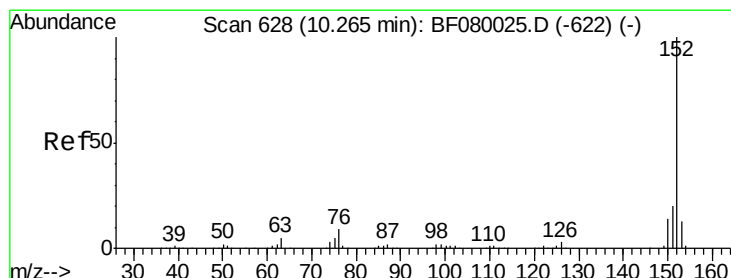
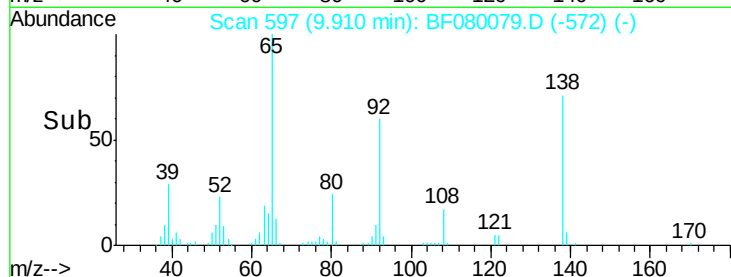
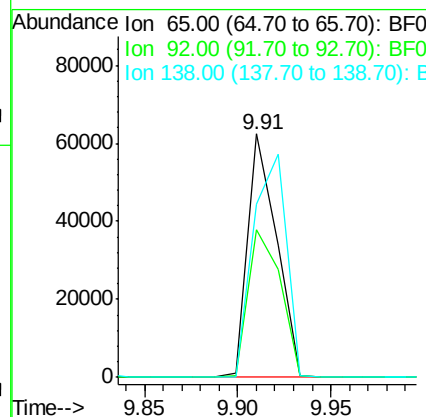
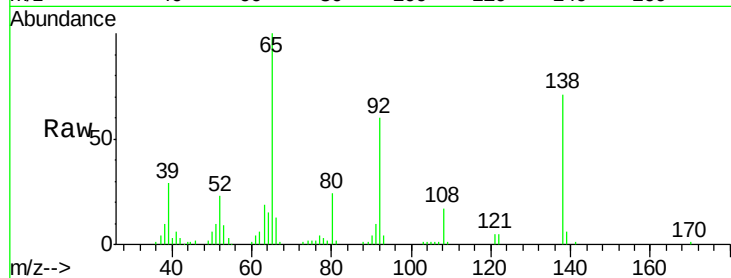
92 60.4 55.4 83.0

138 71.3 115.5 173.3#

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#48

Acenaphthylene

Concen: 42.59 ng

RT: 10.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF080079.D

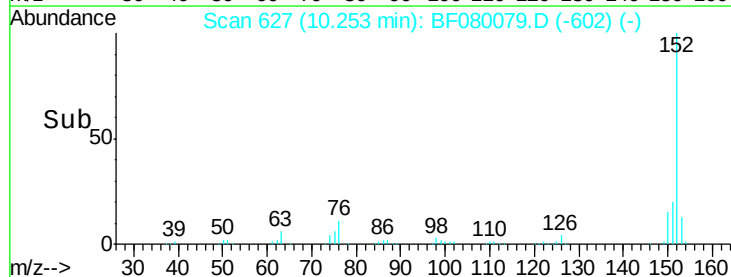
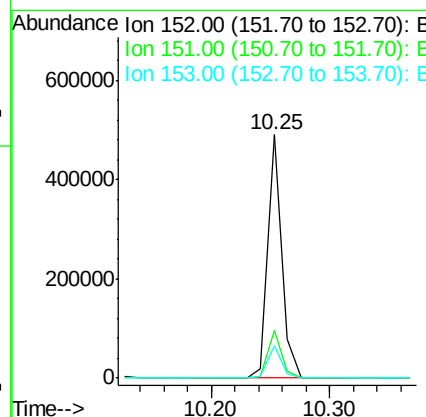
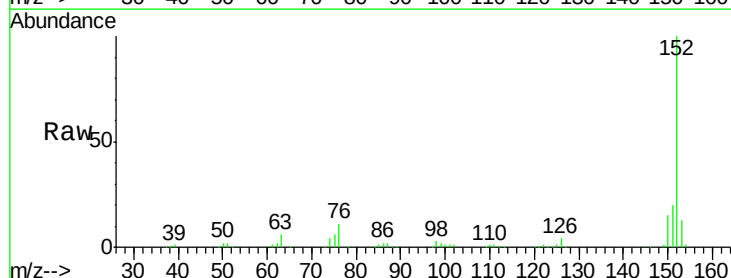
Acq: 20 Jun 2015 4:03

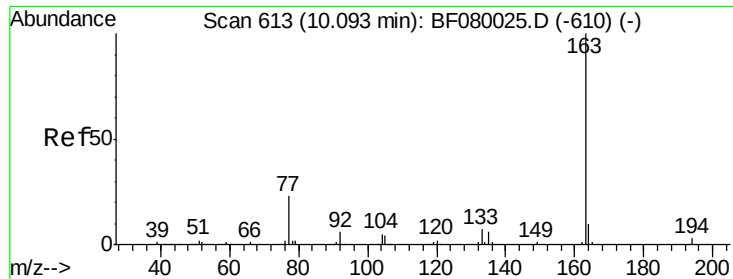
Tgt Ion: 152 Resp: 405546
Ion Ratio Lower Upper

152 100

151 19.7 14.6 22.0

153 13.4 10.3 15.5





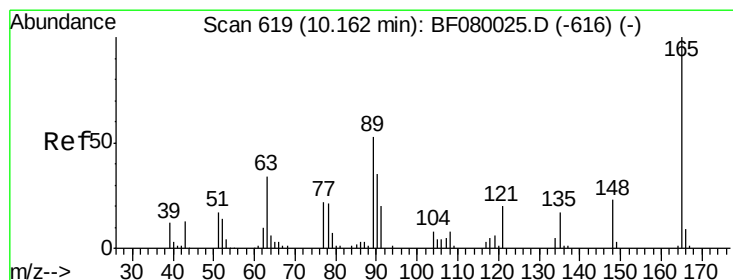
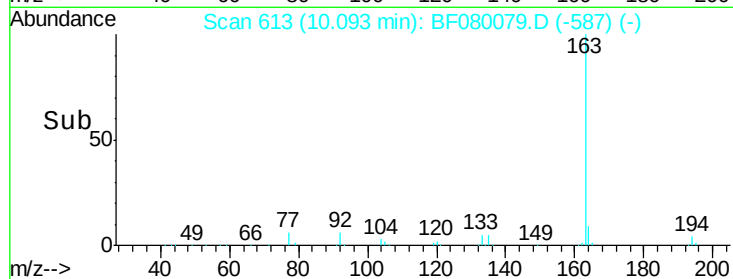
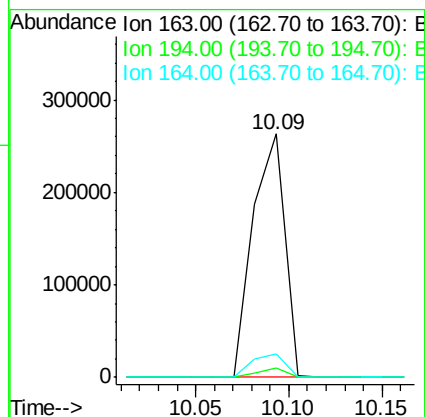
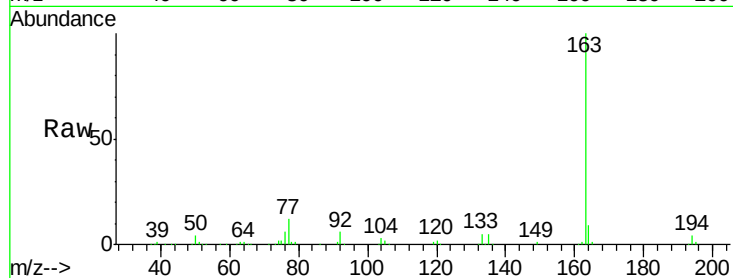
#49
Dimethylphthalate
Concen: 47.81 ng
RT: 10.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	4.4	6.6#
164	9.5	8.3	12.5

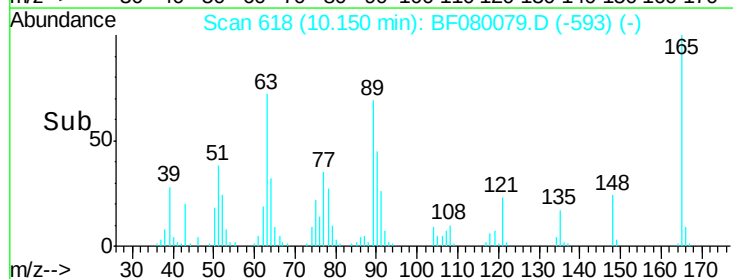
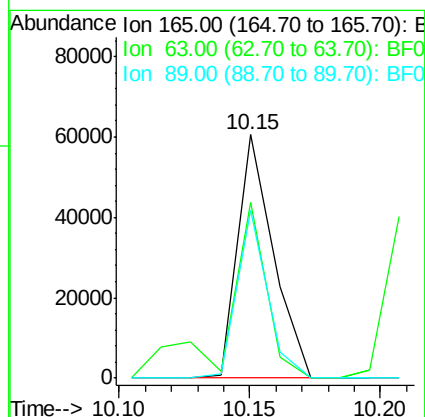
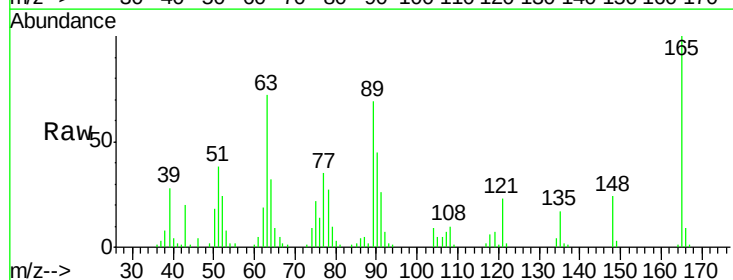
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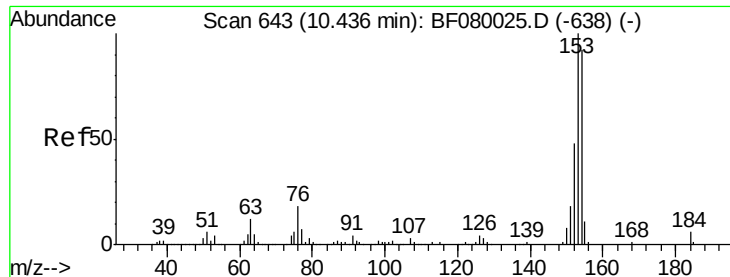
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#50
2,6-Dinitrotoluene
Concen: 44.32 ng
RT: 10.15 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.0	32.3	48.5#
89	68.8	28.6	43.0#





#51

Acenaphthene

Concen: 43.64 ng

RT: 10.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080079.D

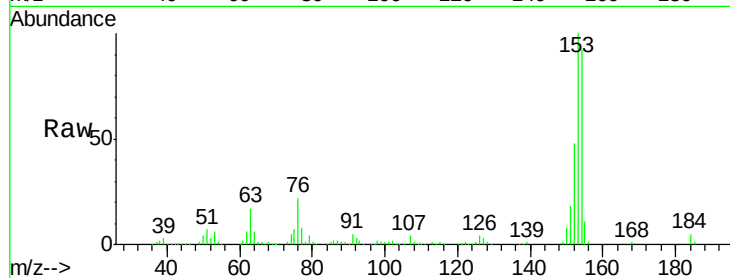
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

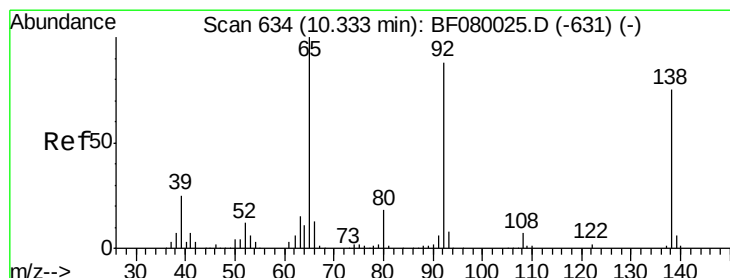
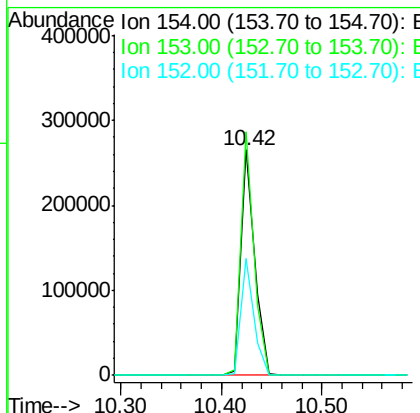
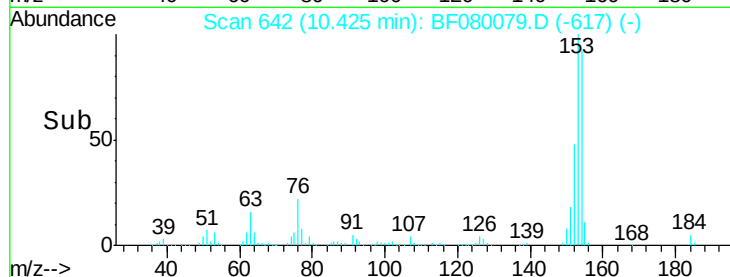
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Tgt Ion:	154	Resp:	254252
Ion Ratio	Lower	Upper	
154	100		
153	108.1	82.1	123.1
152	52.0	37.9	56.9

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#52

3-Nitroaniline

Concen: 38.92 ng

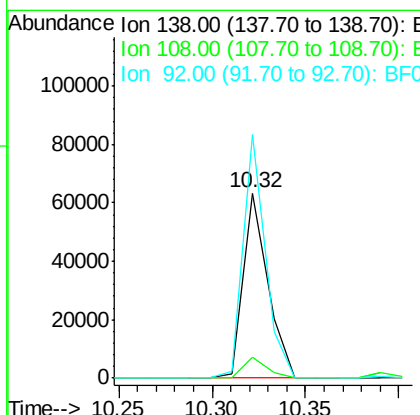
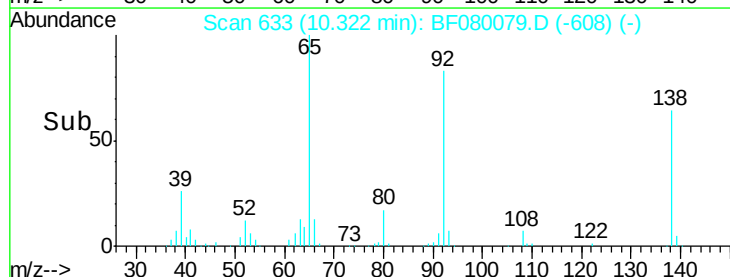
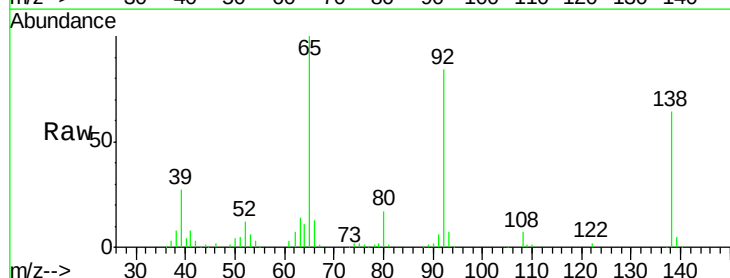
RT: 10.32 min Scan# 633

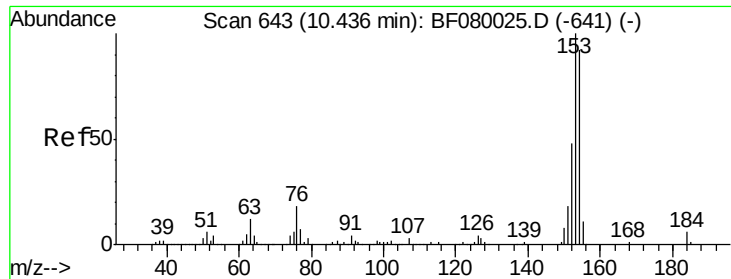
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	138	Resp:	58488
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.7	8.5#
92	131.5	67.7	101.5#





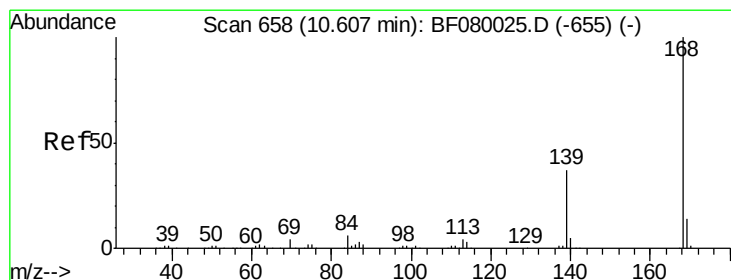
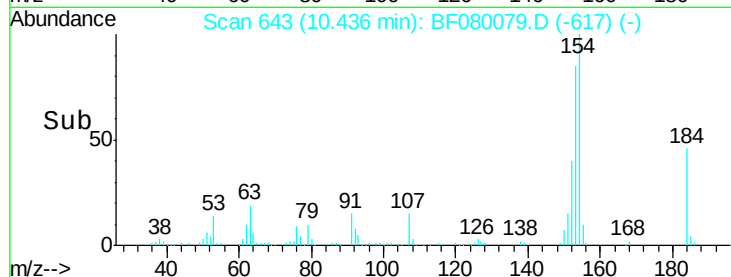
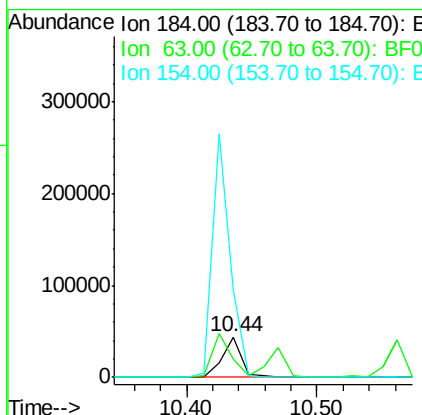
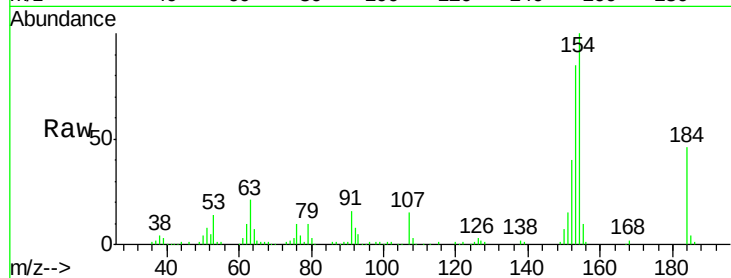
#53
2,4-Dinitrophenol
Concen: 85.11 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	44.6	35.4	53.2
154	216.2	32.2	48.4#

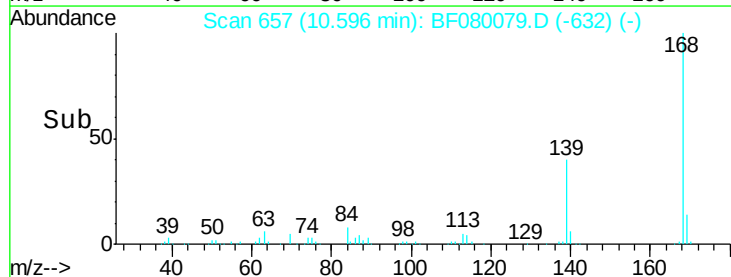
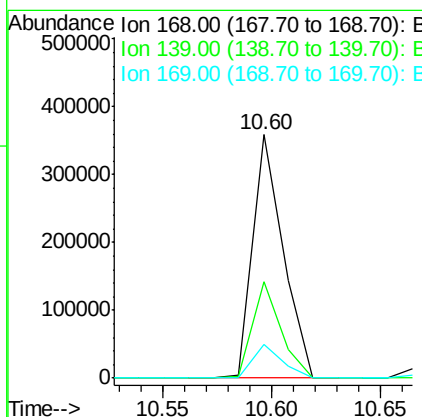
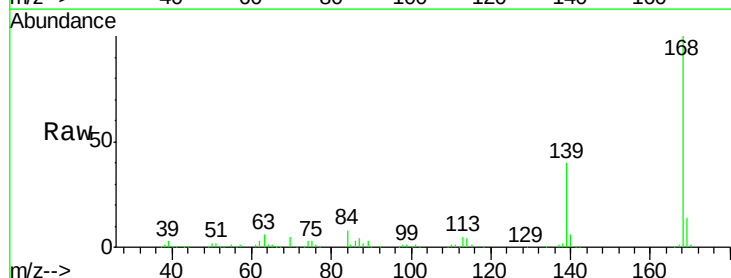
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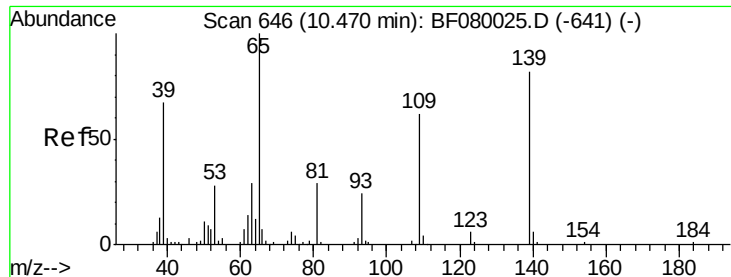
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#54
Dibenzofuran
Concen: 42.15 ng
RT: 10.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	39.7	24.2	36.2#
169	13.9	10.6	15.8





#55

4-Nitrophenol

Concen: 96.66 ng

RT: 10.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

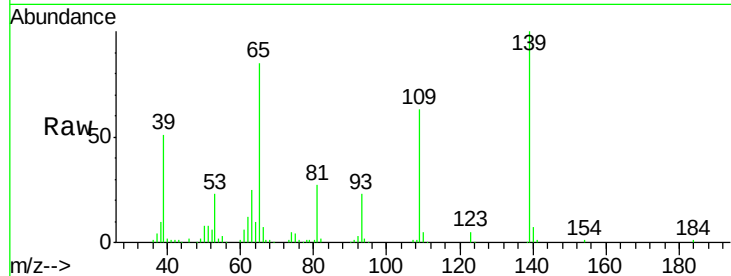
ClientSampleId :

PE-2MS

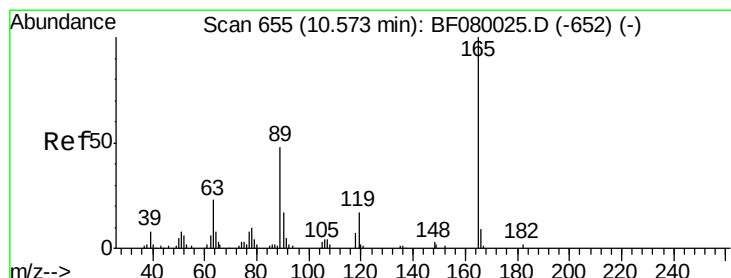
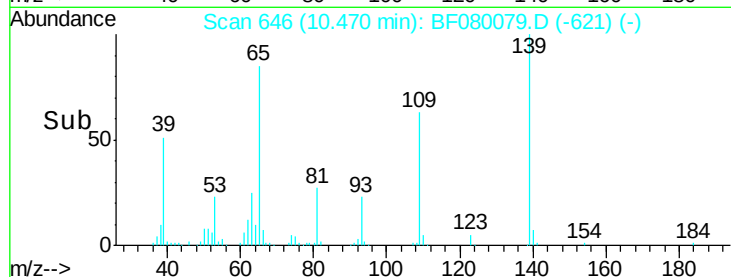
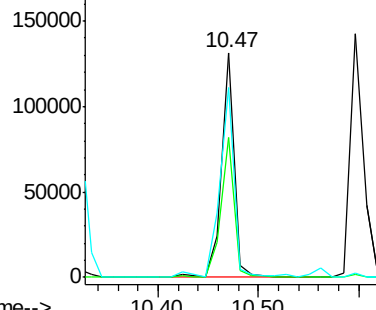
Tgt Ion:	139	Resp:	116124
Ion Ratio	Lower	Upper	
139	100		
109	62.5	12.7	52.7#
65	84.8	45.9	85.9

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



#56

2,4-Dinitrotoluene

Concen: 52.66 ng

RT: 10.56 min Scan# 654

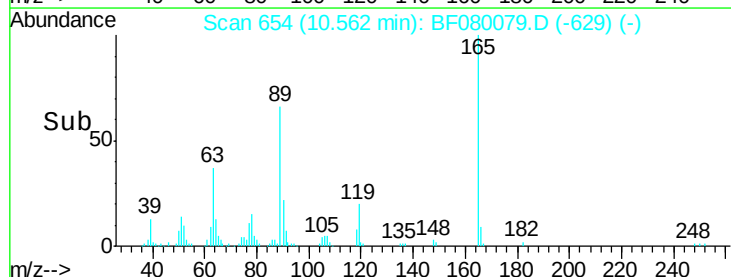
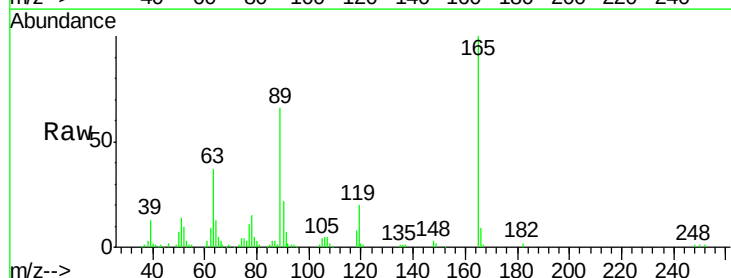
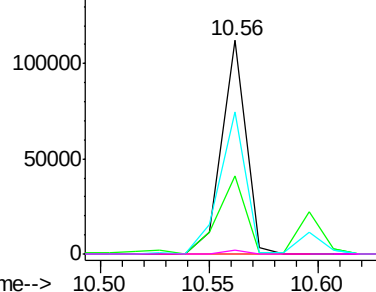
Delta R.T. -0.01 min

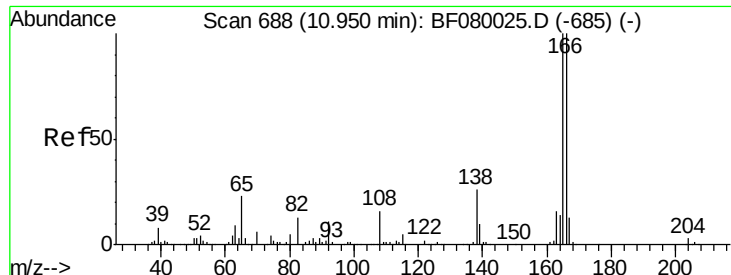
Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	165	Resp:	87052
Ion Ratio	Lower	Upper	
165	100		
63	36.6	29.8	44.6
89	66.3	44.5	66.7
182	2.1	3.0	4.4#

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





#57

Fluorene

Concen: 44.99 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF080079.D

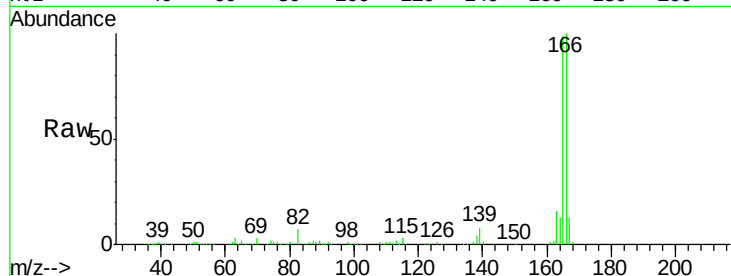
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

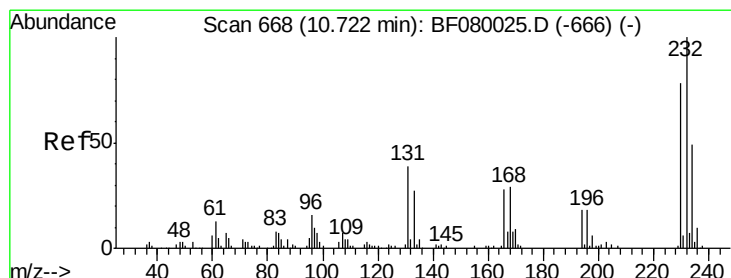
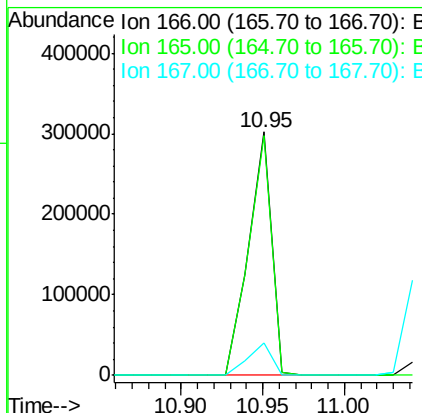
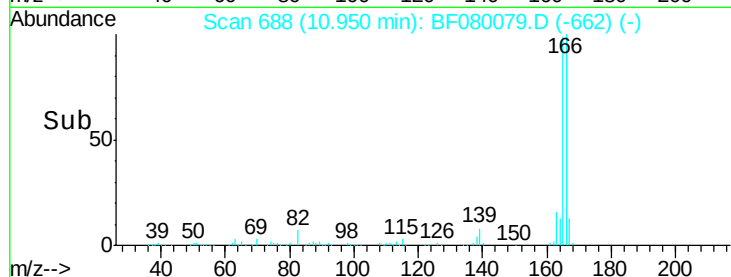
PE-2MS



Tgt Ion:	166	Resp:	295109
Ion Ratio	Lower	Upper	
166	100		
165	98.5	72.6	109.0
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

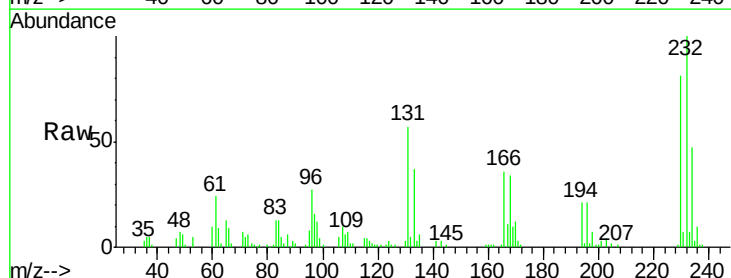
Concen: 42.69 ng

RT: 10.71 min Scan# 667

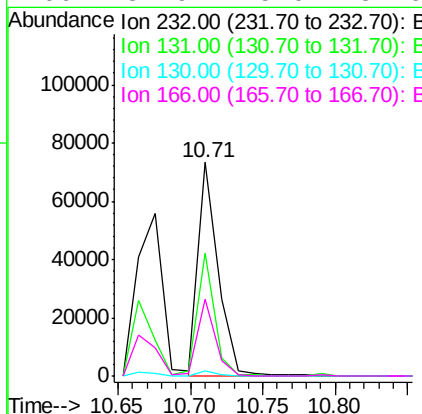
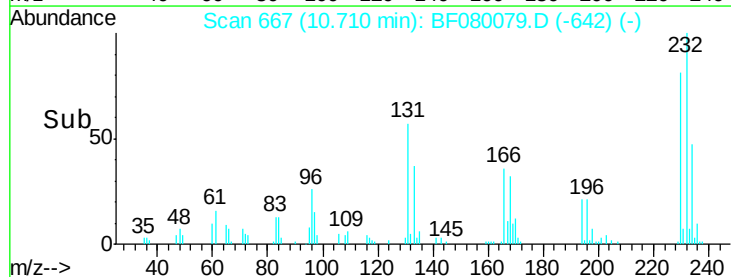
Delta R.T. -0.01 min

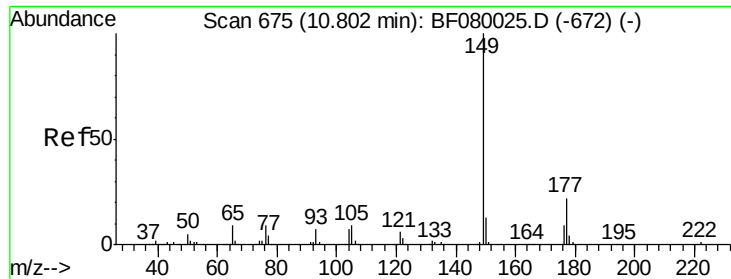
Lab File: BF080079.D

Acq: 20 Jun 2015 4:03



Tgt Ion:	232	Resp:	71055
Ion Ratio	Lower	Upper	
232	100		
131	49.0	38.5	57.7
130	2.2	1.8	2.6
166	31.9	25.0	37.6





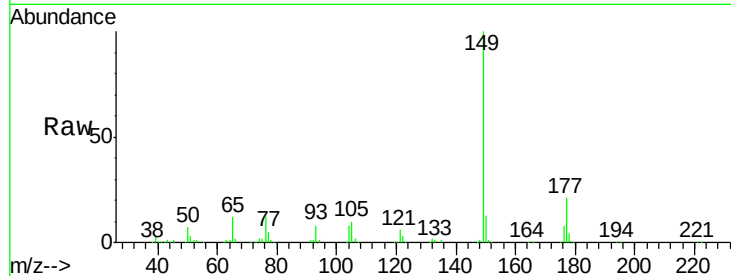
#59
Diethylphthalate
Concen: 43.42 ng
RT: 10.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

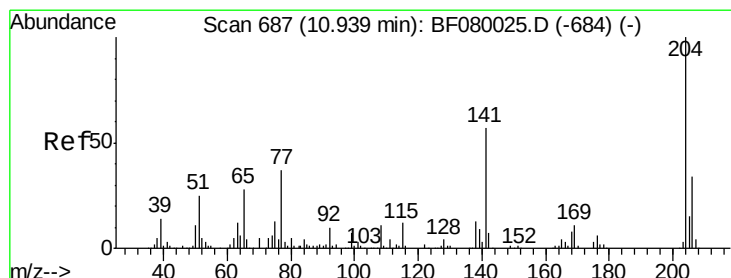
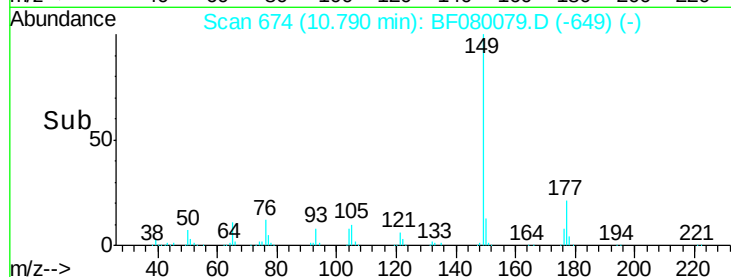
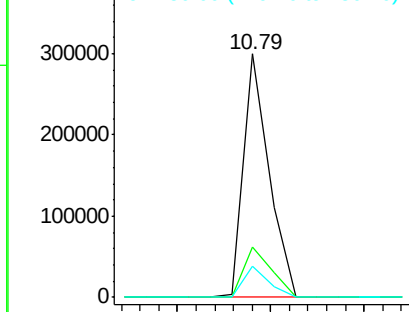
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.7	17.5	26.3
150	12.6	9.4	14.2

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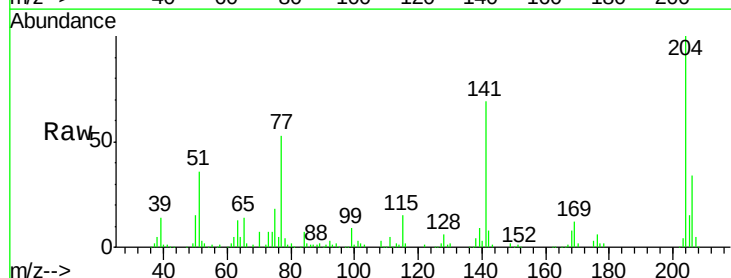


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

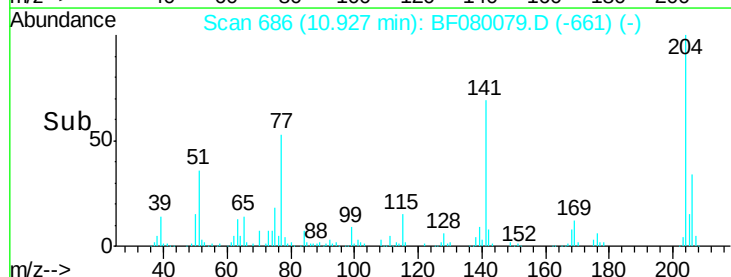
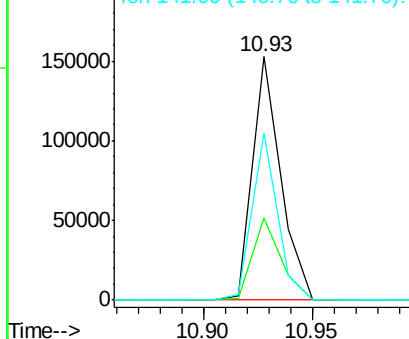


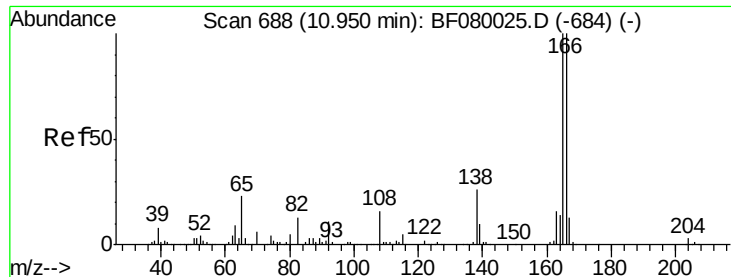
#60
4-Chlorophenyl-phenylether
Concen: 43.52 ng
RT: 10.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.9	24.8	37.2
141	68.7	42.2	63.4#



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





#61

4-Nitroaniline

Concen: 45.41 ng

RT: 10.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF080079.D

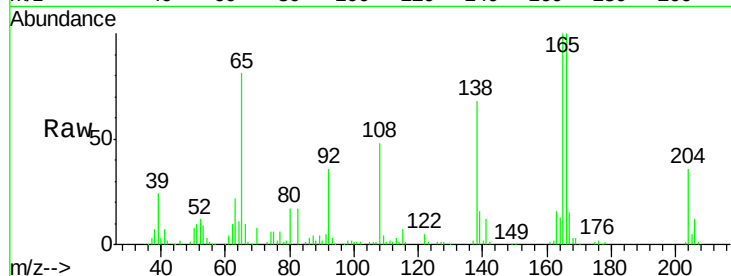
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampled :

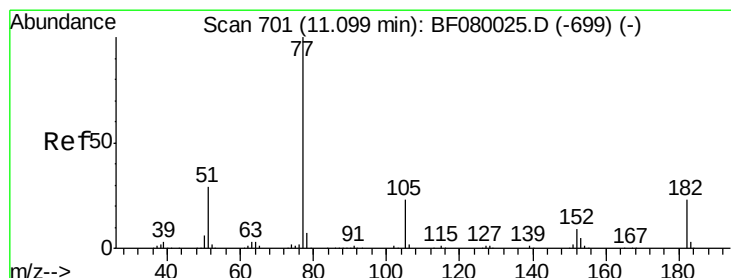
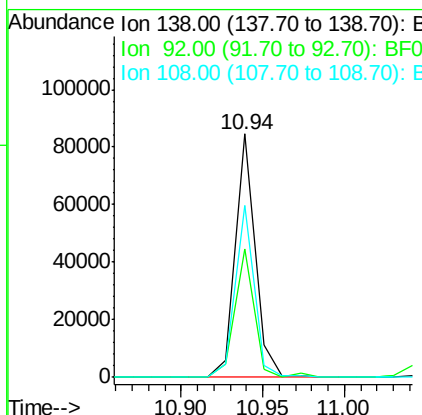
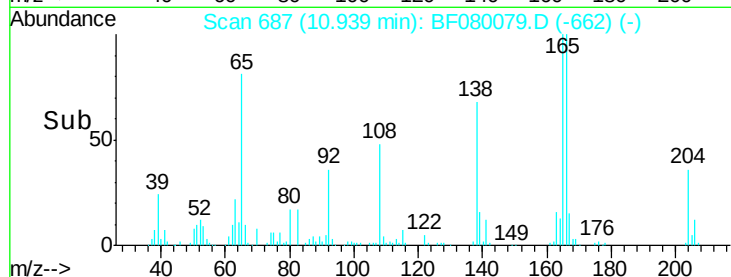
PE-2MS



Tgt Ion:	138	Resp:	70485
Ion Ratio	Lower	Upper	
138	100		
92	52.8	12.6	52.6#
108	70.4	12.4	52.4#

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#62

Azobenzene

Concen: 45.40 ng

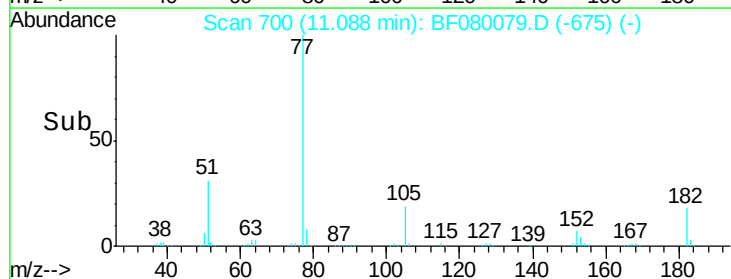
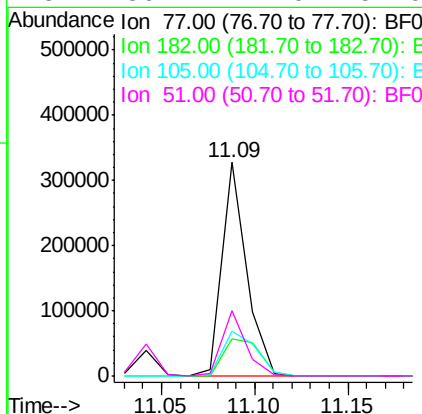
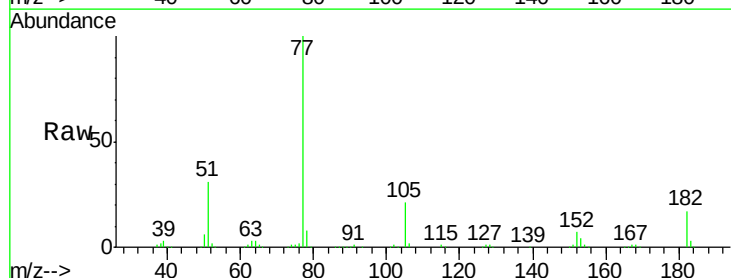
RT: 11.09 min Scan# 700

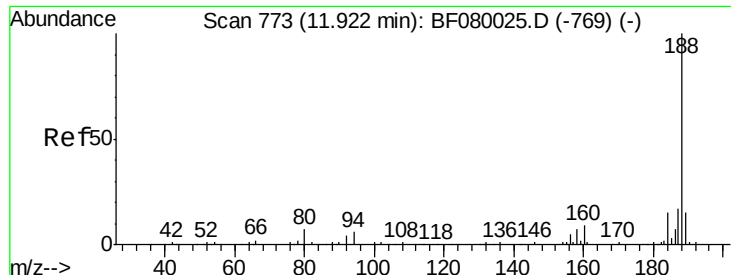
Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	77	Resp:	302371
Ion Ratio	Lower	Upper	
77	100		
182	17.5	15.1	55.1
105	21.2	3.4	43.4
51	30.7	12.0	52.0





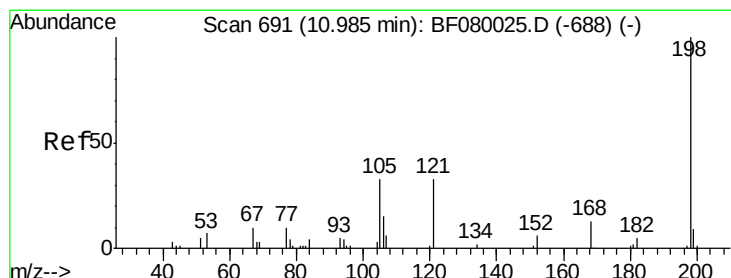
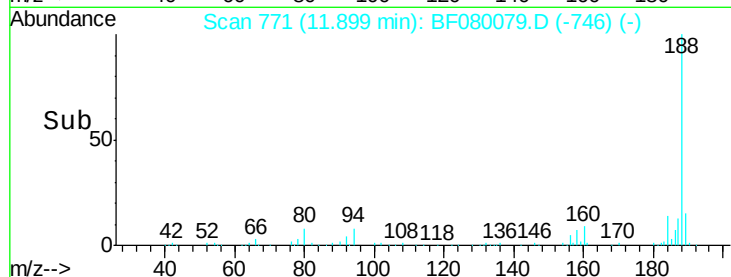
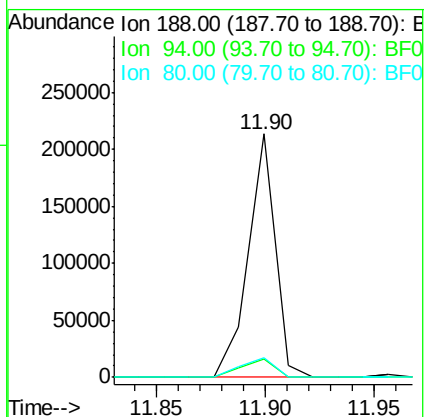
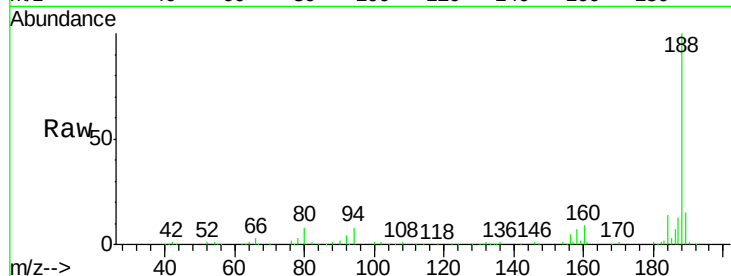
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	11.1	16.7#
80	8.2	11.0	16.4#

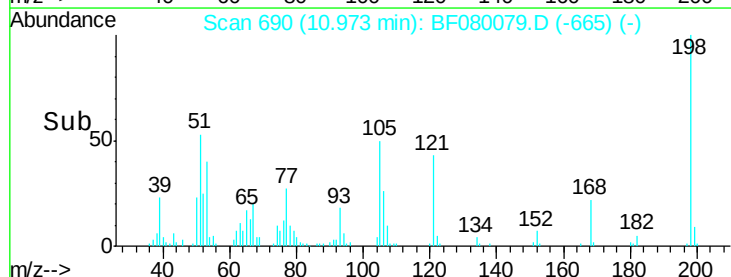
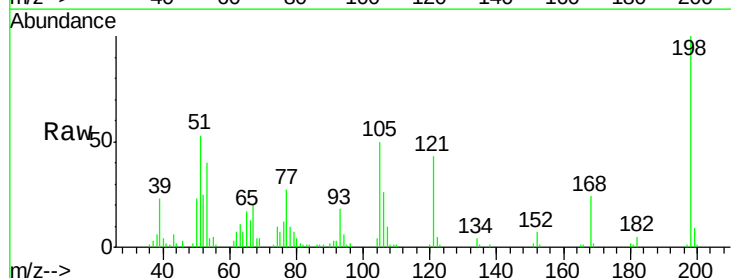
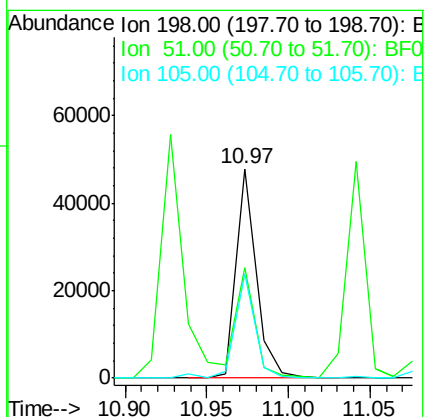
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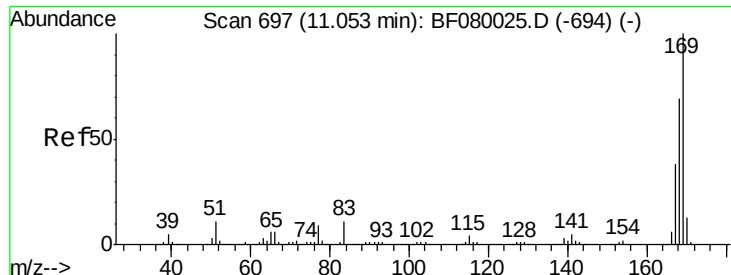
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.69 ng
RT: 10.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.6	39.6	79.6
105	49.6	28.5	68.5





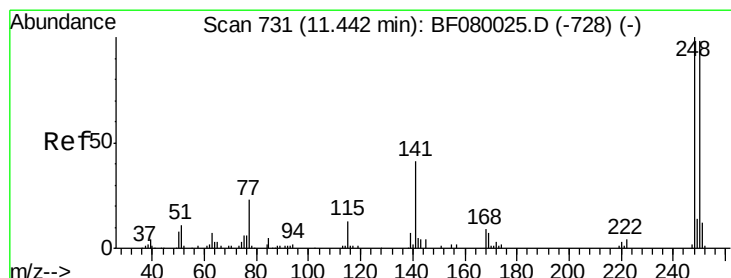
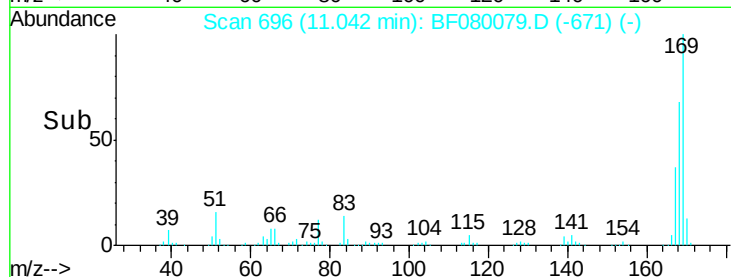
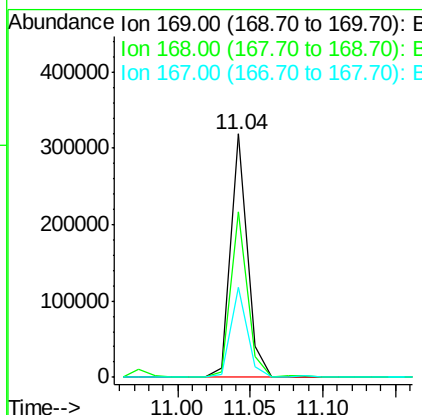
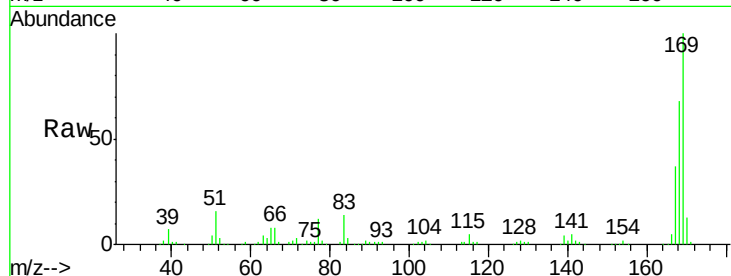
#65
 n-Nitrosodiphenylamine
 Concen: 42.69 ng
 RT: 11.04 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	255941		
168	67.9	48.9	73.3	
167	37.2	26.2	39.4	

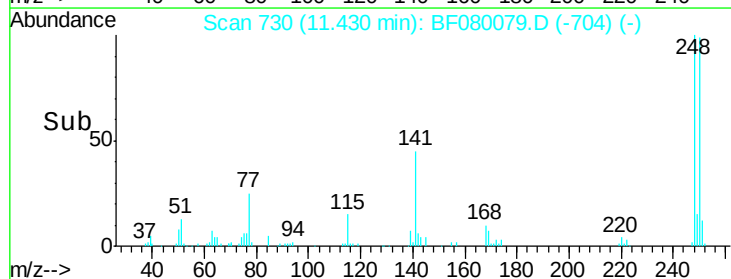
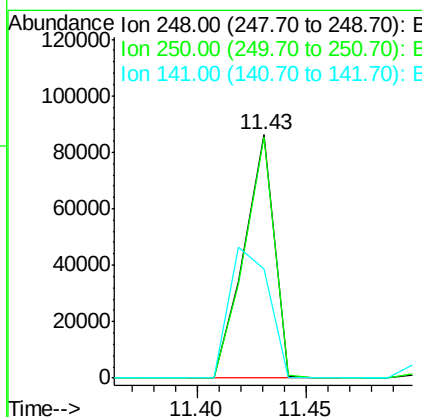
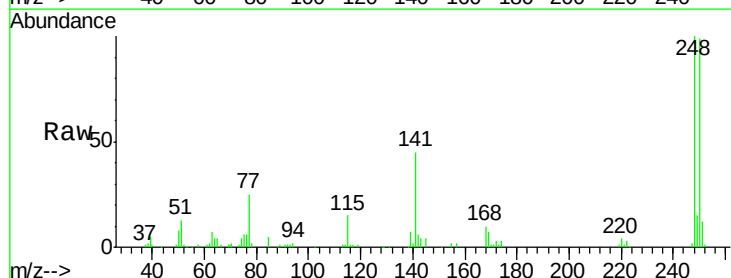
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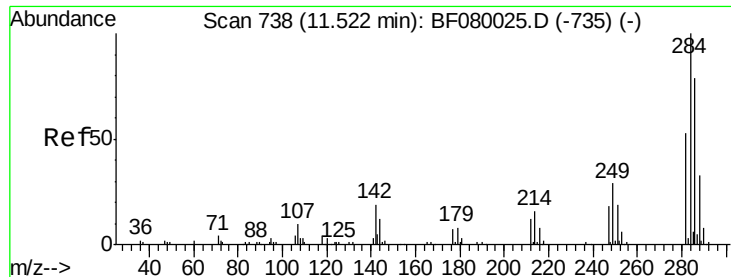
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#66
 4-Bromophenyl-phenylether
 Concen: 42.54 ng
 RT: 11.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83266		
250	99.1	78.5	117.7	
141	44.7	59.0	88.6	





#67

Hexachlorobenzene

Concen: 42.69 ng

RT: 11.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

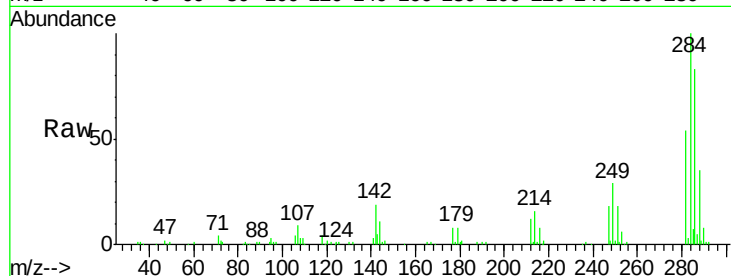
ClientSampleId :

PE-2MS

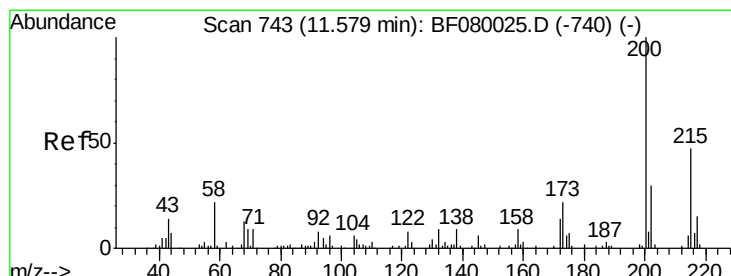
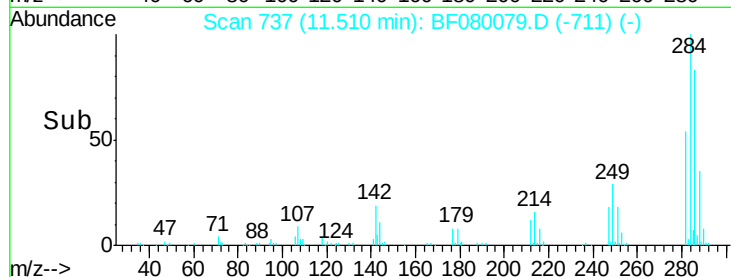
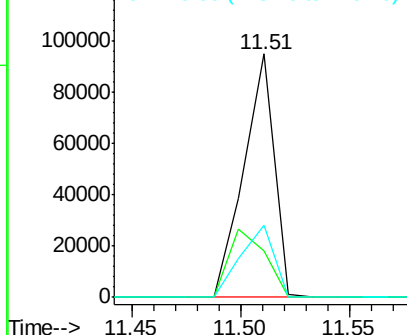
Tgt Ion:	284	Resp:	92865
Ion Ratio	Lower	Upper	
284	100		
142	19.0	29.5	44.3#
249	29.5	19.5	29.3#

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.18 ng

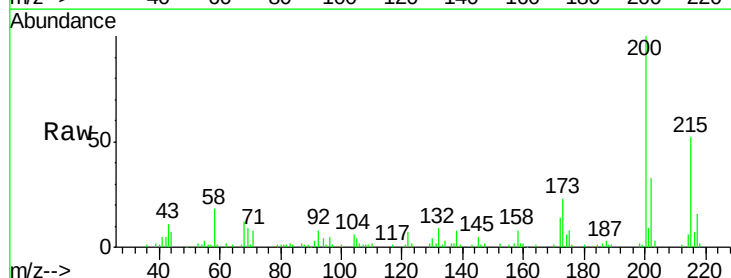
RT: 11.57 min Scan# 742

Delta R.T. -0.00 min

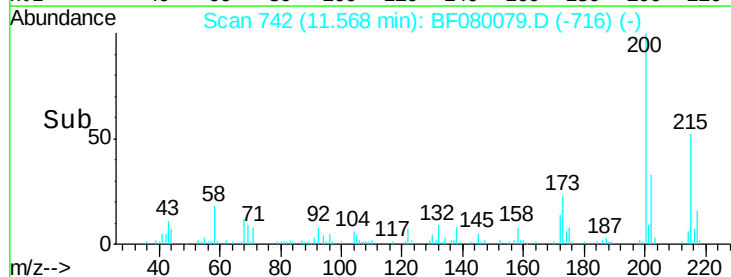
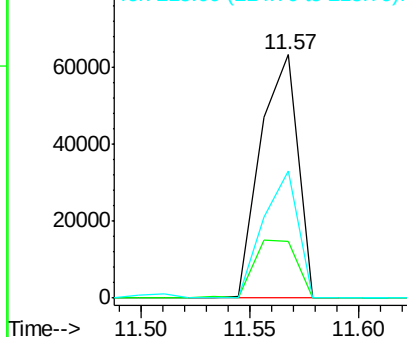
Lab File: BF080079.D

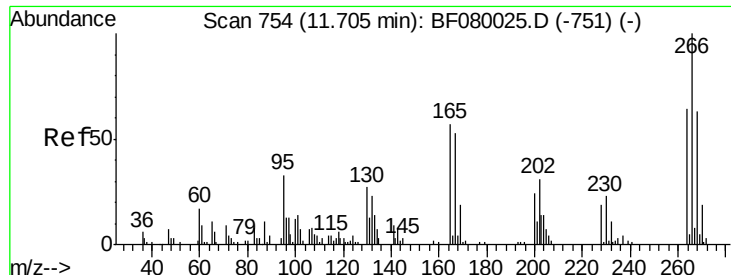
Acq: 20 Jun 2015 4:03

Tgt Ion:	200	Resp:	76093
Ion Ratio	Lower	Upper	
200	100		
173	23.2	13.2	53.2
215	52.2	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





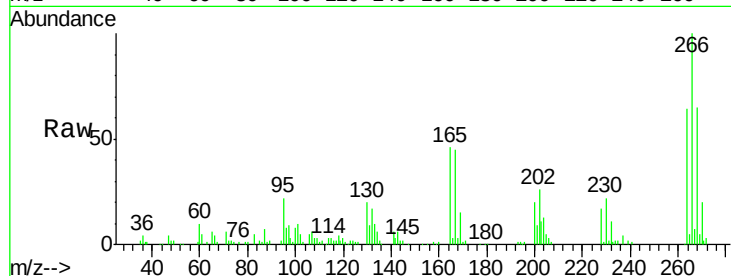
#69
 Pentachlorophenol
 Concen: 82.75 ng
 RT: 11.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

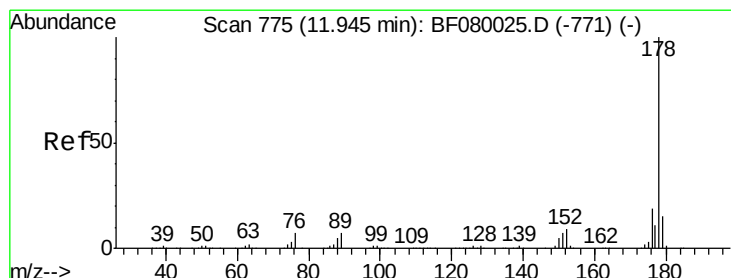
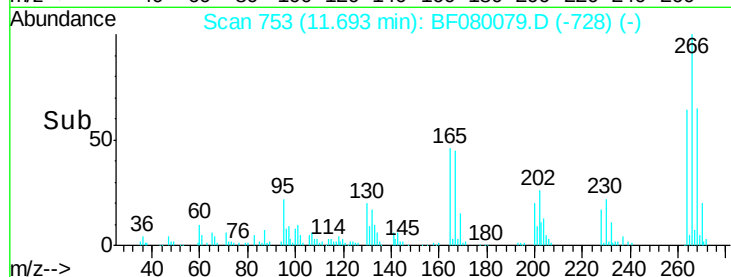
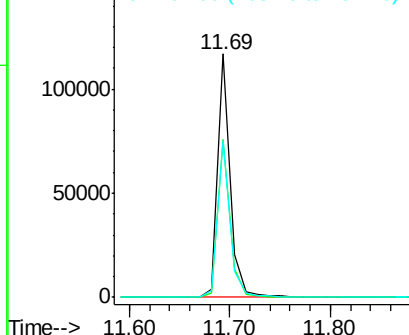
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	102018		
268	64.8	49.8	74.6	
264	64.2	50.2	75.2	

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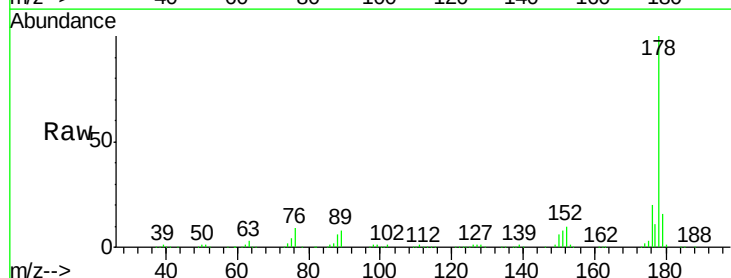


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

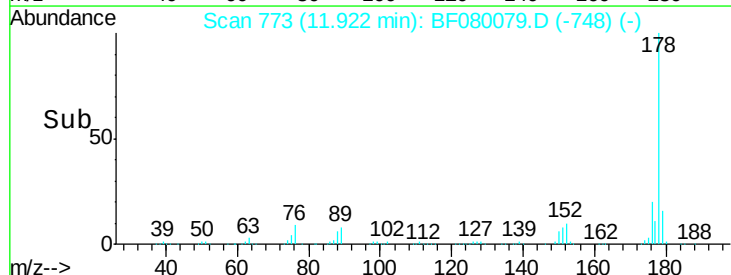
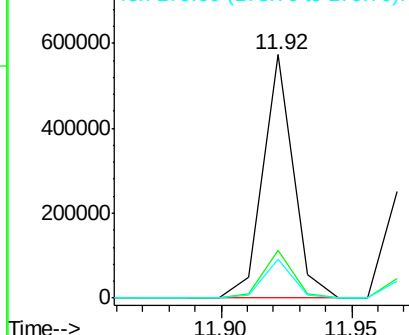


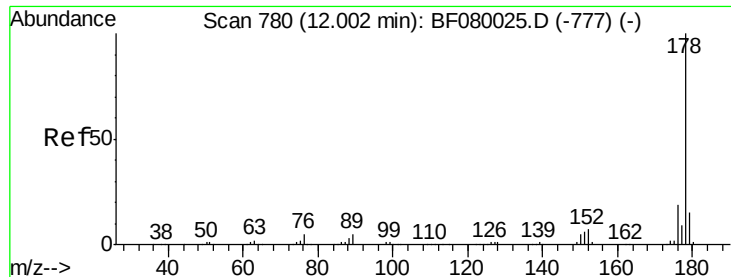
#70
 Phenanthrene
 Concen: 41.90 ng
 RT: 11.92 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	467056		
176	19.9	13.8	20.8	
179	15.8	12.2	18.2	



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





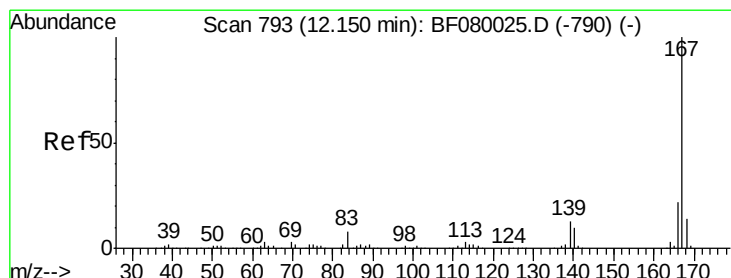
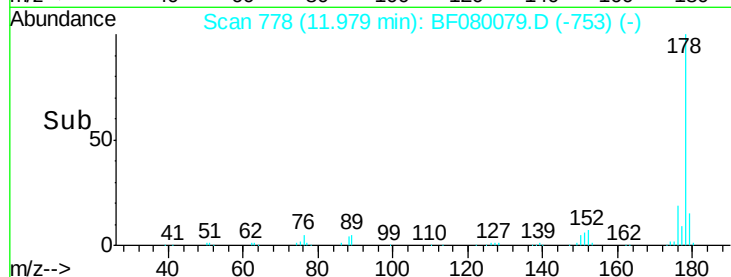
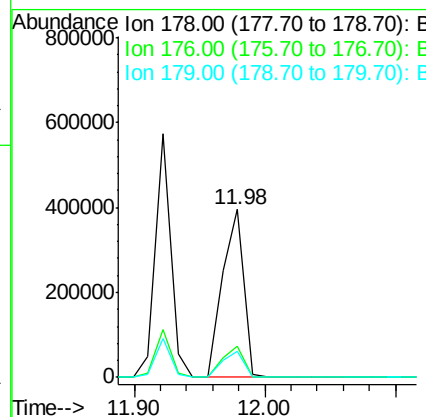
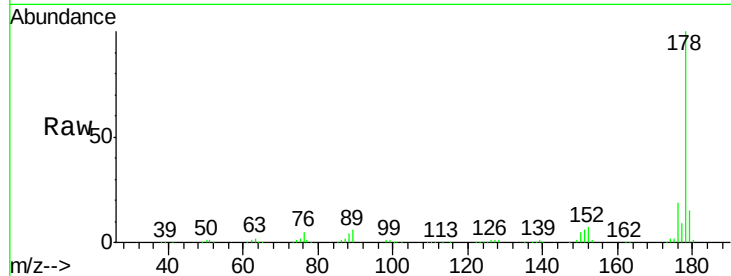
#71
 Anthracene
 Concen: 42.16 ng
 RT: 11.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	452418		
176	18.6	14.1	21.1	
179	15.2	12.2	18.2	

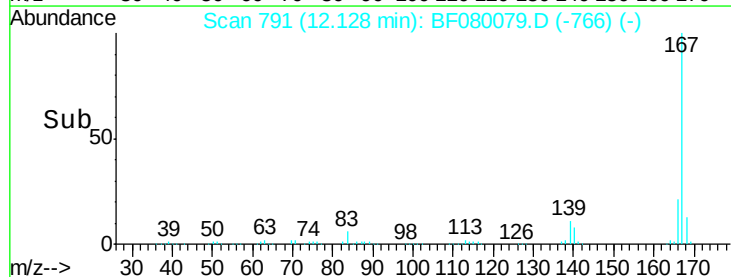
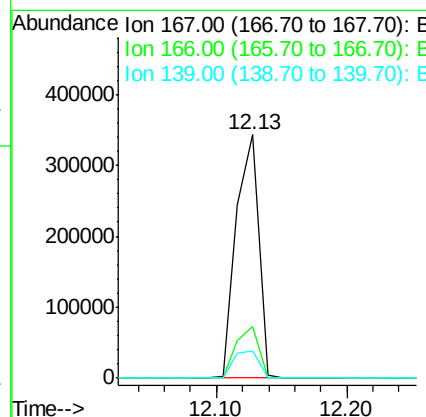
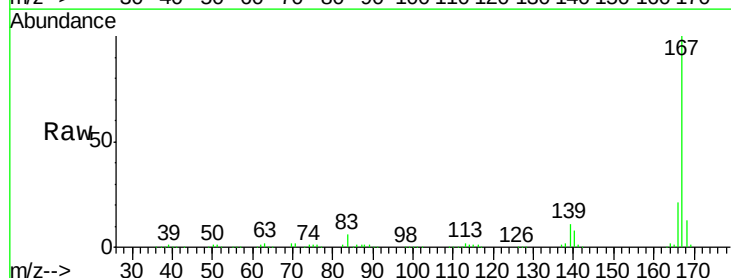
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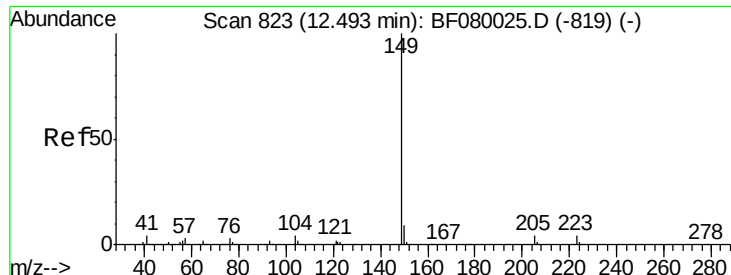
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#72
 Carbazole
 Concen: 39.87 ng
 RT: 12.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	408515		
166	21.2	15.7	23.5	
139	11.1	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 44.32 ng

RT: 12.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

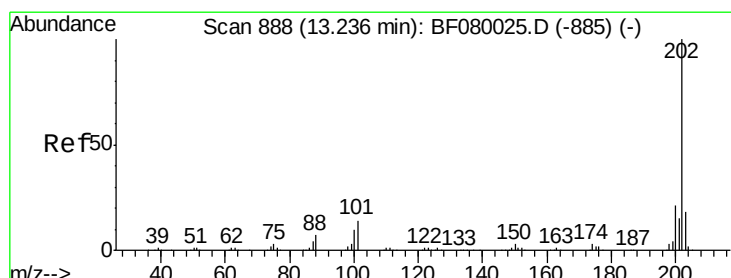
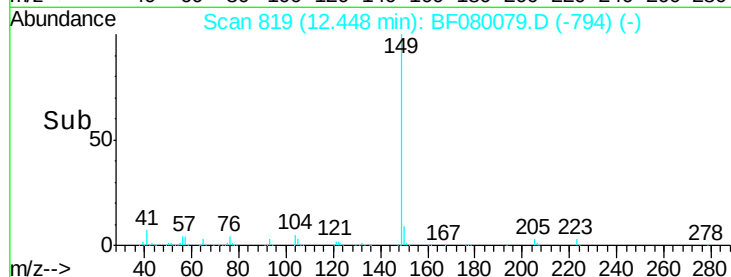
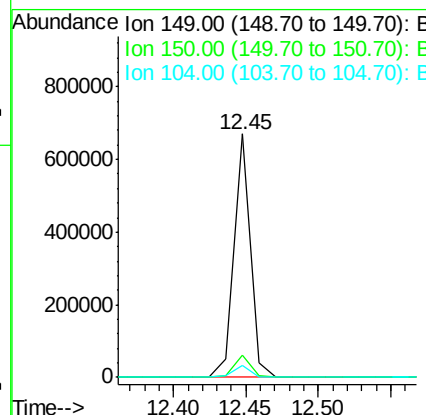
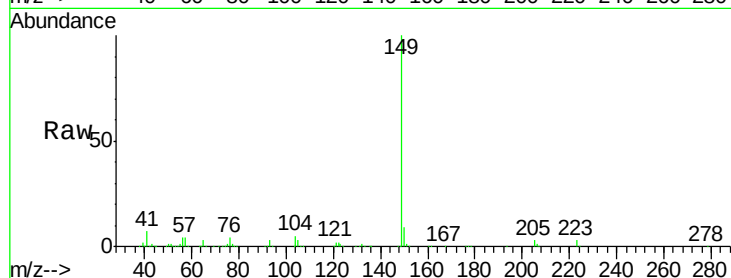
PE-2MS

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Tgt	Ion	149	Resp	524674
	Ratio	100	Lower	Upper
	149	100		
	150	9.4	7.4	11.2
	104	4.6	2.4	3.6



#74

Fluoranthene

Concen: 42.40 ng

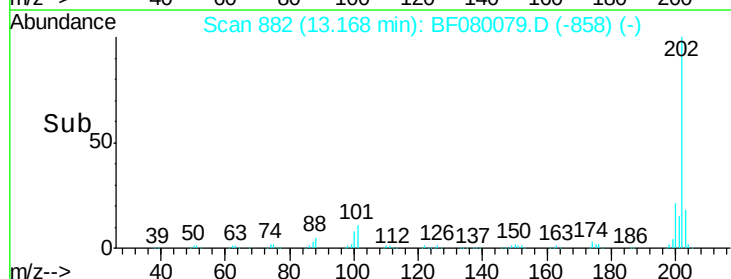
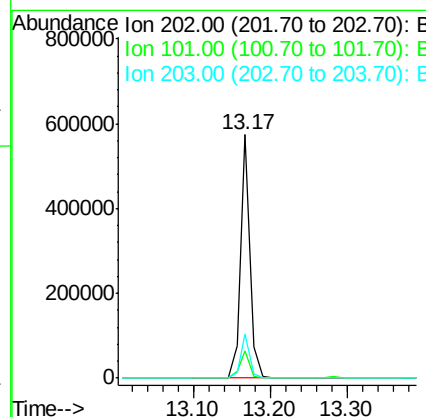
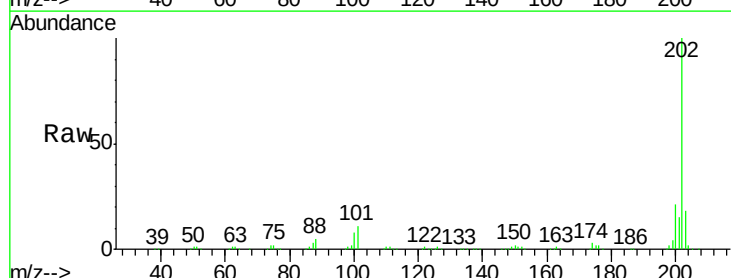
RT: 13.17 min Scan# 882

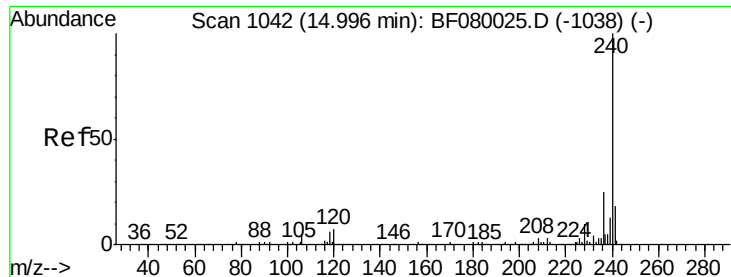
Delta R.T. -0.02 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt	Ion	202	Resp	503312
	Ratio	100	Lower	Upper
	202	100		
	101	11.0	0.0	38.3
	203	18.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.05 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

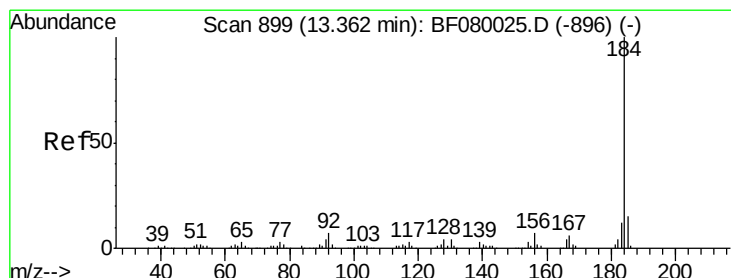
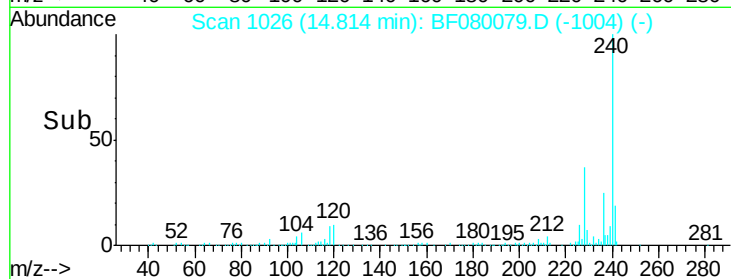
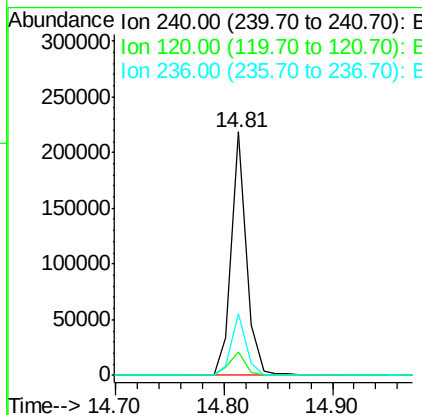
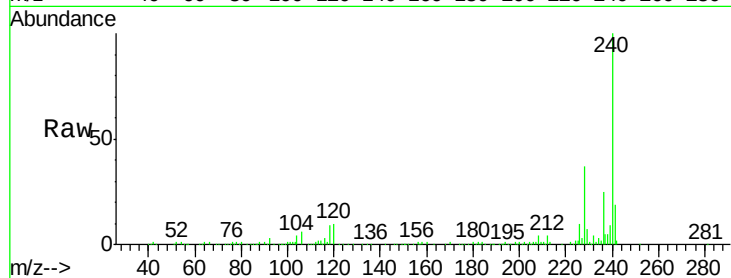
ClientSampleId :

PE-2MS

Tgt Ion:	240	Resp:	209126
Ion Ratio		Lower	Upper
240	100		
120	9.7	16.2	24.2#
236	25.4	18.4	27.6

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#76

Benzidine

Concen: 54.32 ng

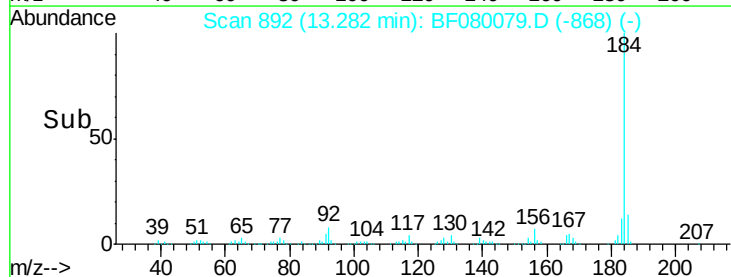
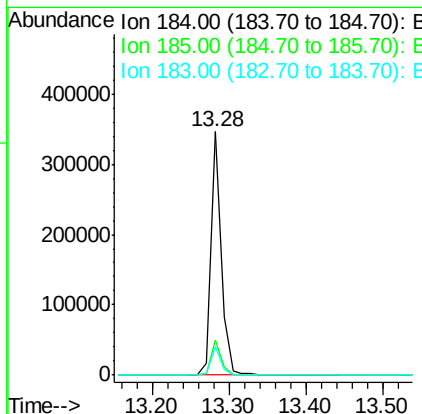
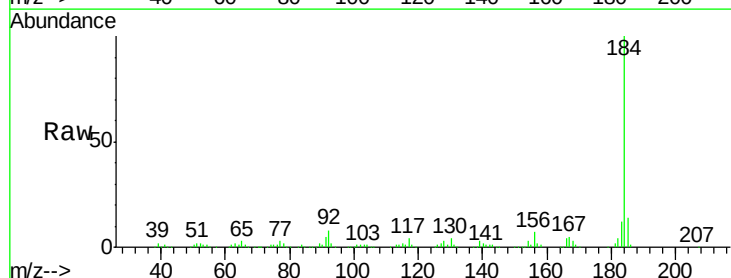
RT: 13.28 min Scan# 892

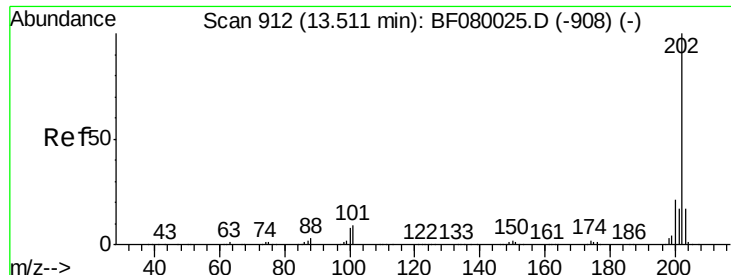
Delta R.T. -0.02 min

Lab File: BF080079.D

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Tgt Ion:	184	Resp:	317504
Ion Ratio		Lower	Upper
184	100		
185	14.5	11.8	17.6
183	11.5	7.6	11.4#





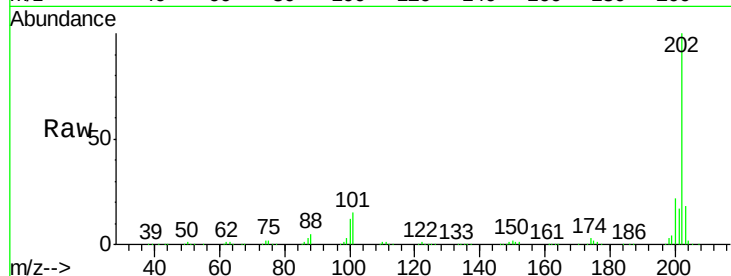
#77
 Pyrene
 Concen: 39.89 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

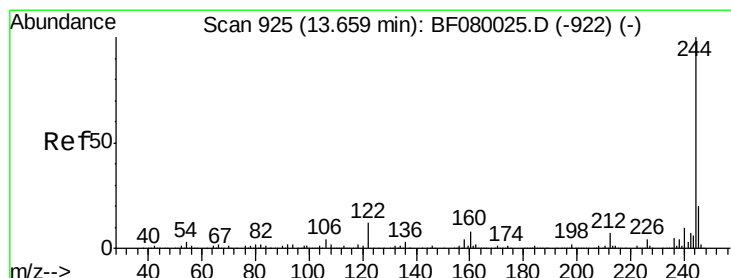
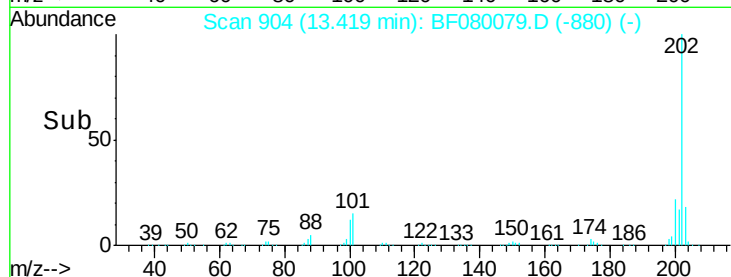
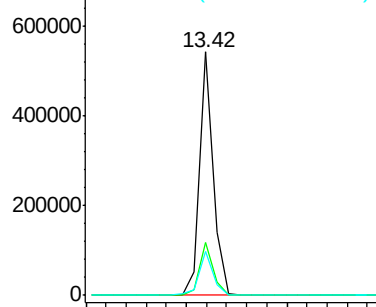
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	513588		
200	21.6	15.0	22.4	
203	17.9	14.1	21.1	

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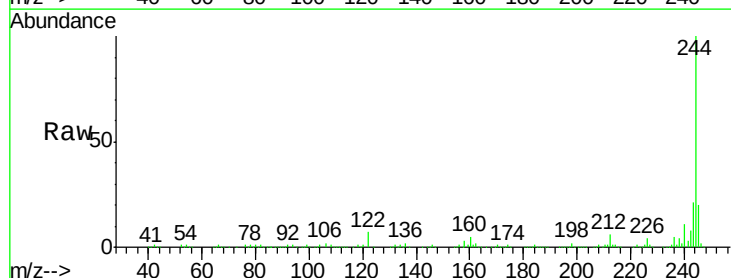


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

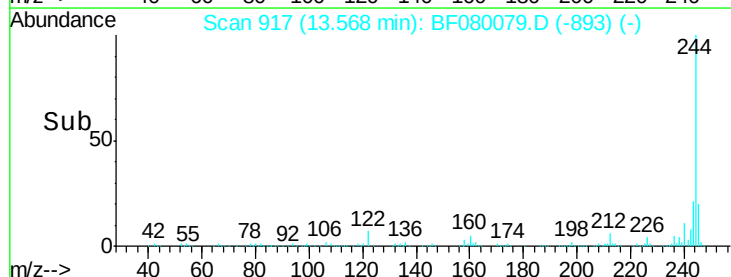
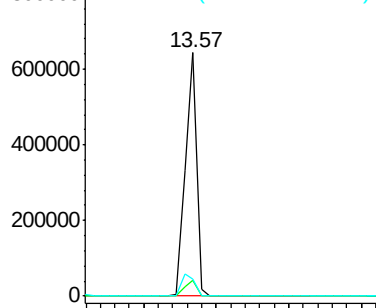


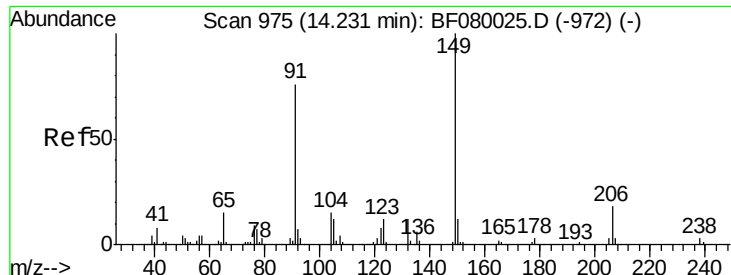
#78
 Terphenyl-d14
 Concen: 77.35 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	692616		
212	6.5	4.3	6.5#	
122	7.0	17.4	26.2#	



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





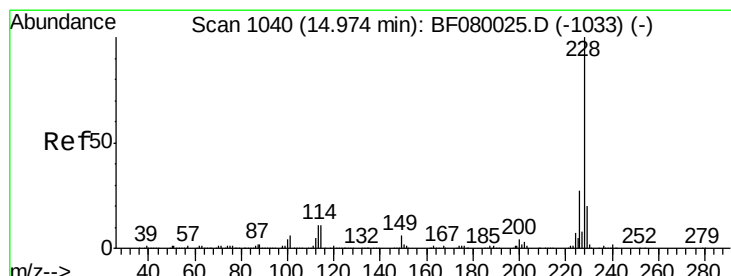
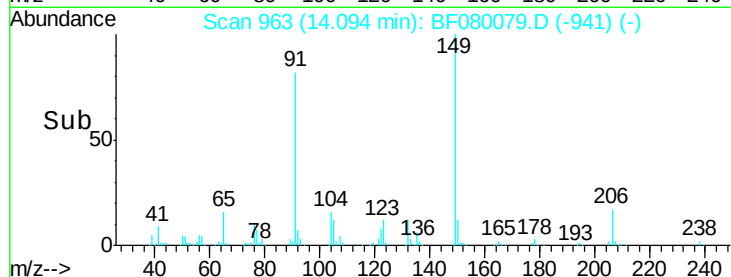
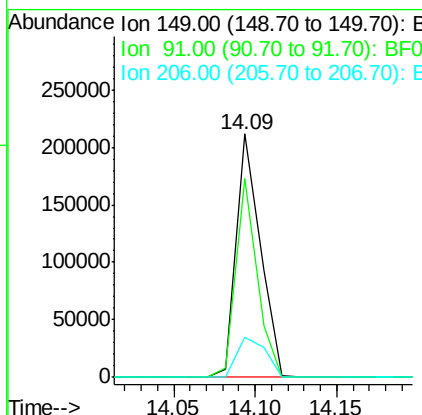
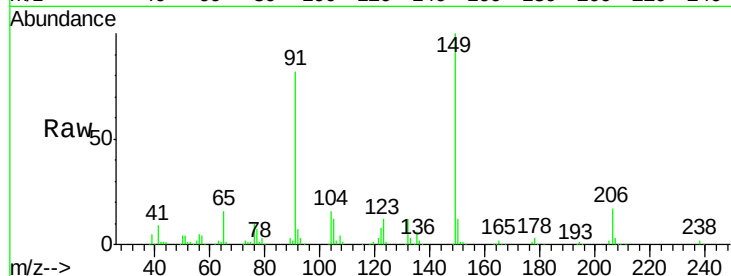
#79
Butylbenzylphthalate
Concen: 41.61 ng
RT: 14.09 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampled :
PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	81.6	48.6	72.8#
206	16.7	14.9	22.3

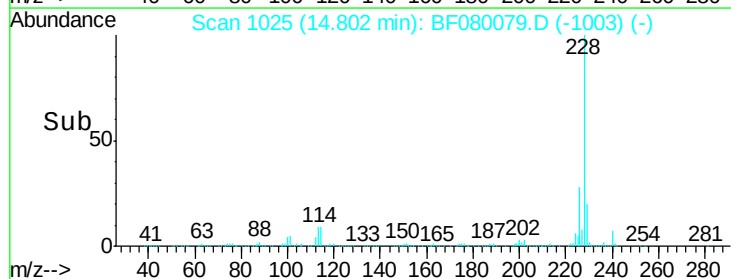
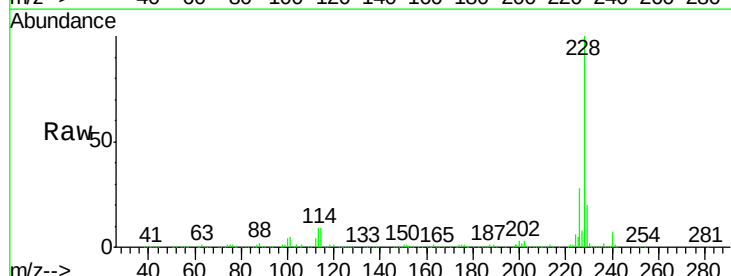
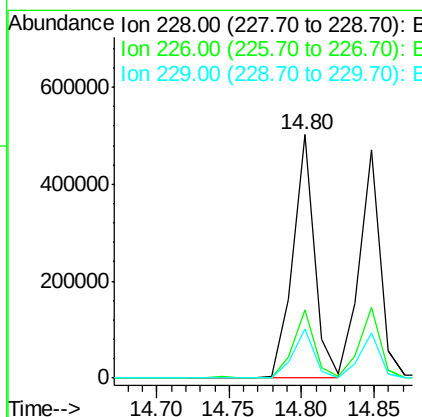
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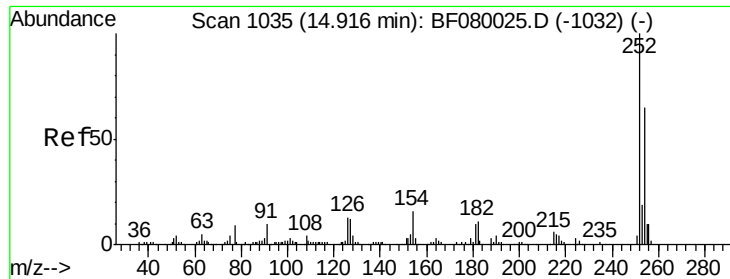
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#80
Benzo(a)anthracene
Concen: 40.78 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	20.0	30.0
229	19.9	15.4	23.2





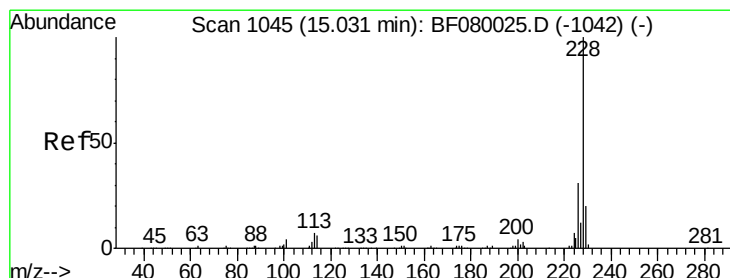
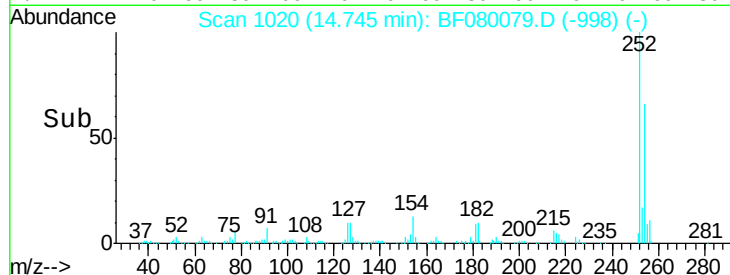
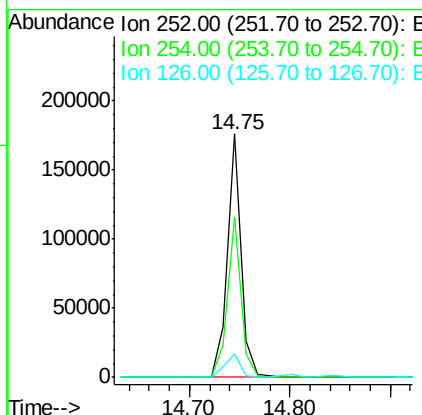
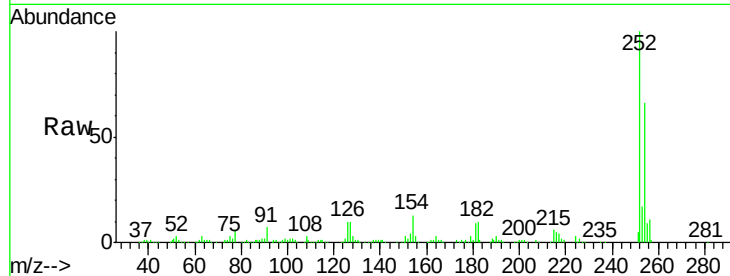
#81
 3,3'-Dichlorobenzidine
 Concen: 38.08 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Instrument :
 BNA_F
 ClientSampleId :
 PE-2MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.8	51.4	77.2
126	9.9	16.4	24.6

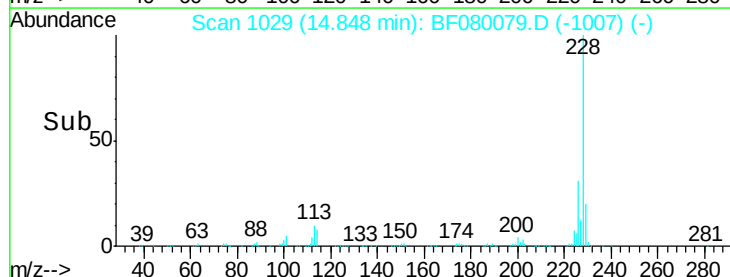
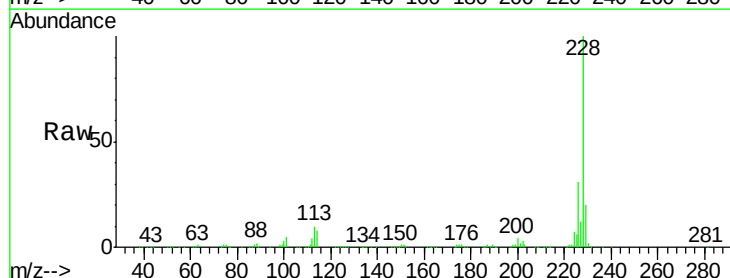
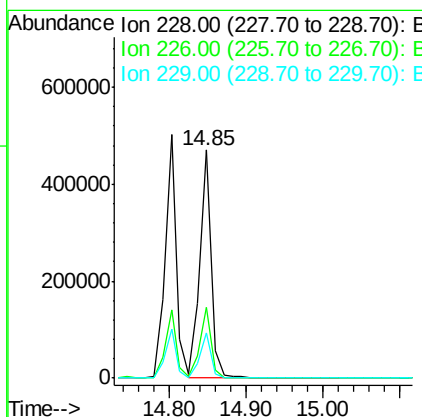
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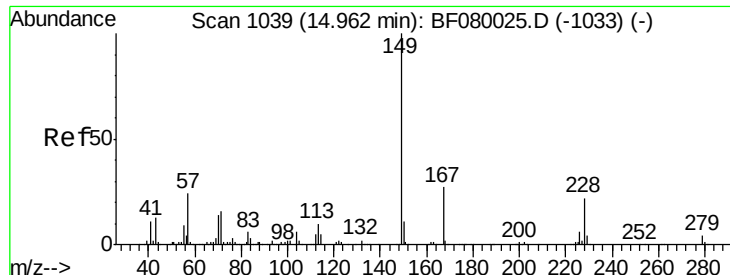
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#82
 Chrysene
 Concen: 40.74 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF080079.D
 Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	21.0	31.4
229	20.0	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.98 ng

RT: 14.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF080079.D

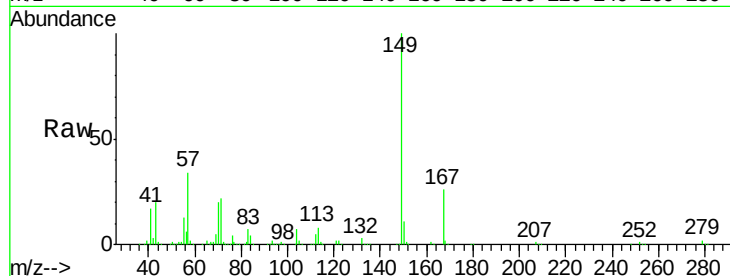
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

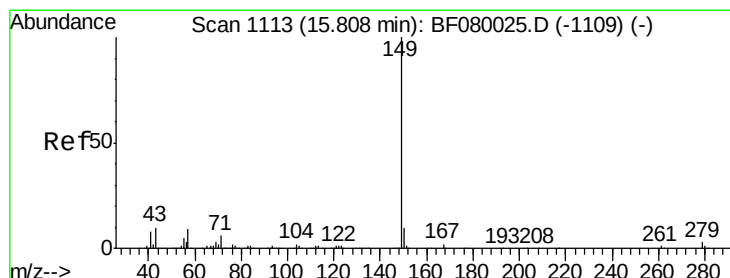
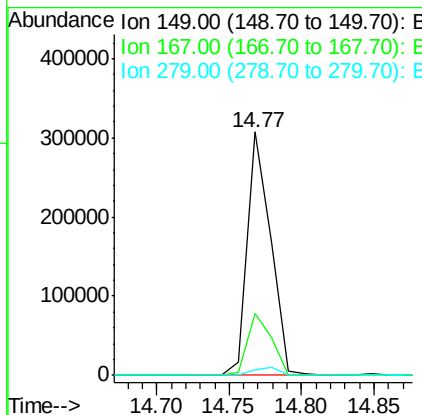
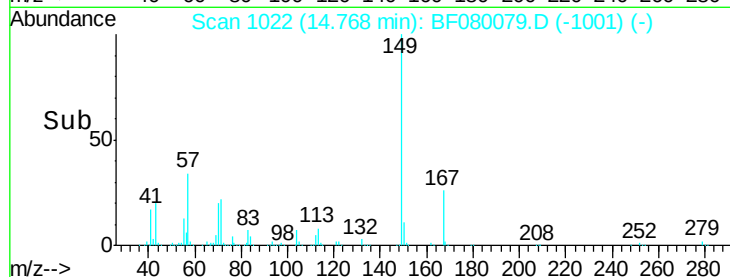
PE-2MS



Tgt Ion:	149	Resp:	343074
Ion Ratio	Lower	Upper	
149	100		
167	25.6	24.2	36.2
279	2.5	3.8	5.6#

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#84

Di-n-octyl phthalate

Concen: 39.52 ng

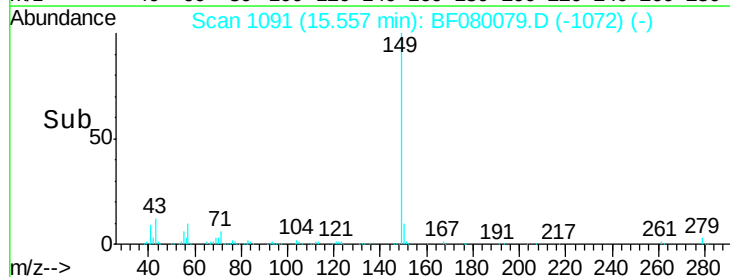
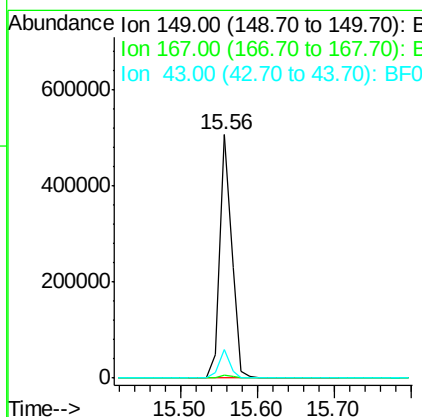
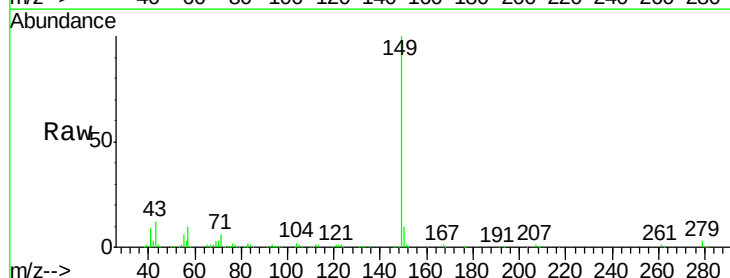
RT: 15.56 min Scan# 1091

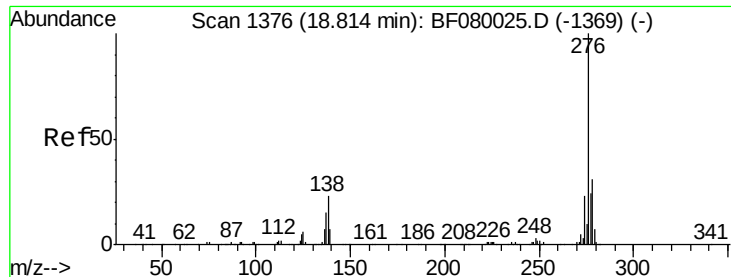
Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion:	149	Resp:	553397
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	10.7	10.2	15.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.31 ng

RT: 18.52 min Scan# 1350

Delta R.T. -0.10 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

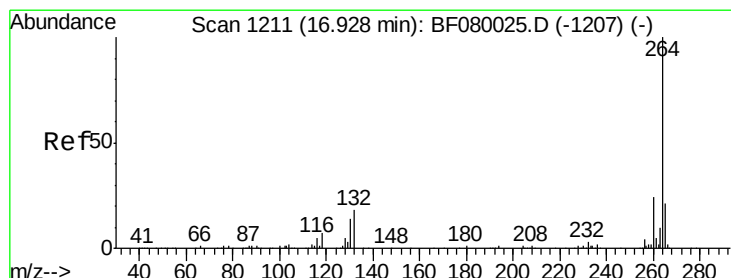
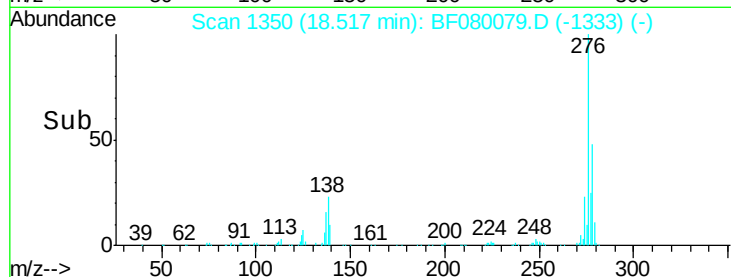
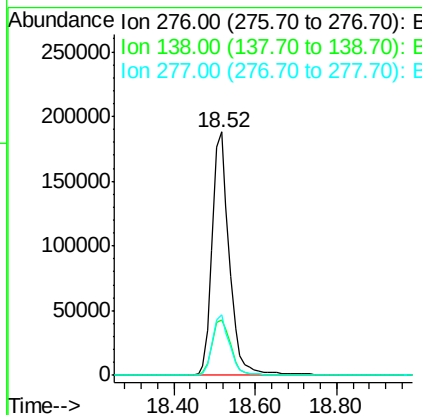
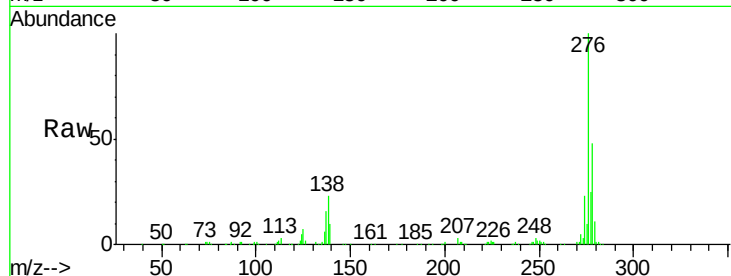
ClientSampled :

PE-2MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.7	38.5#
277	24.7	15.6	23.4#

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#86

Perylene-d12

Concen: 20.00 ng

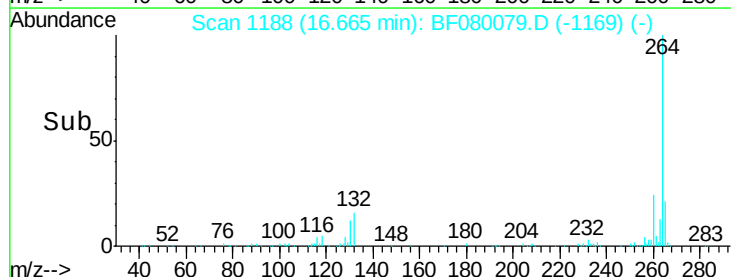
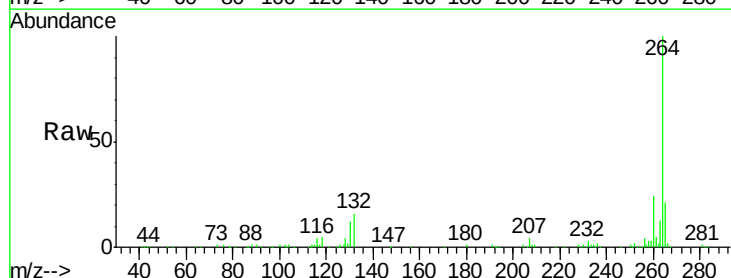
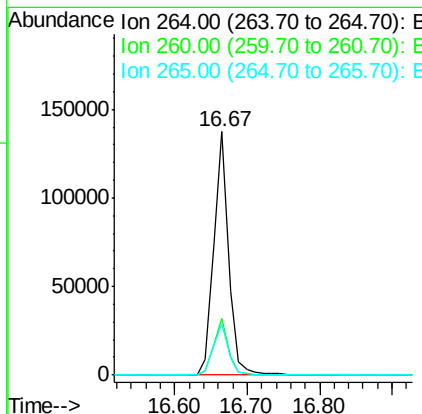
RT: 16.67 min Scan# 1188

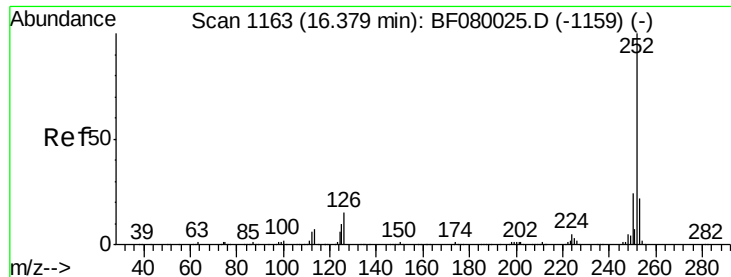
Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.74 ng

RT: 16.13 min Scan# 1141

Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

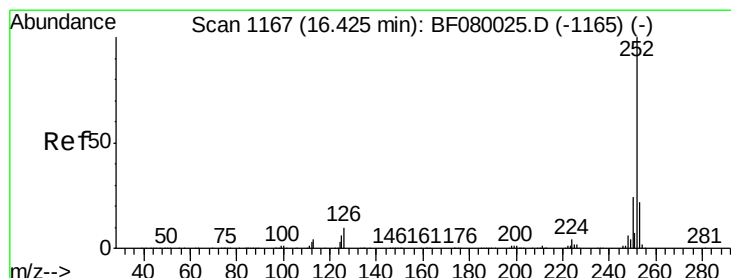
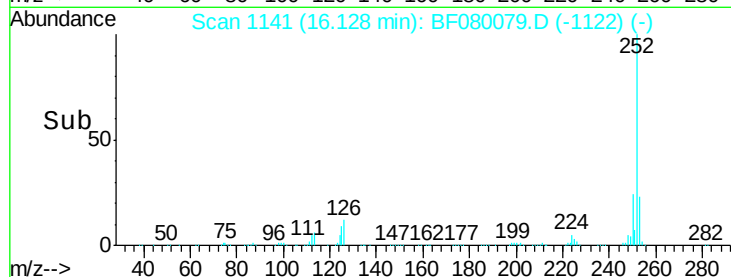
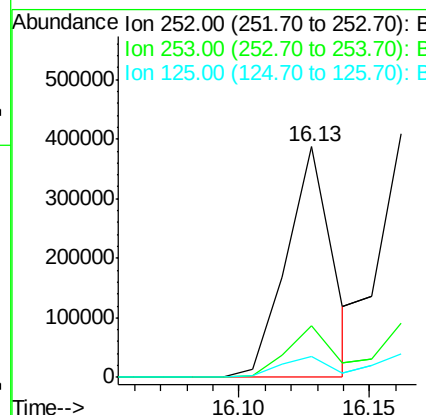
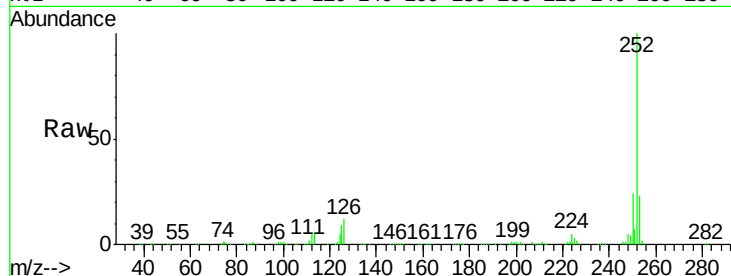
ClientSampled :

PE-2MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.0	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 41.99 ng m

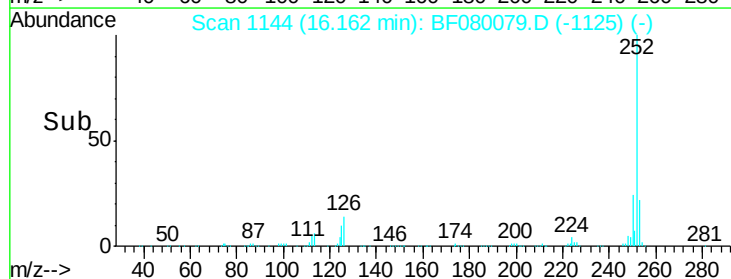
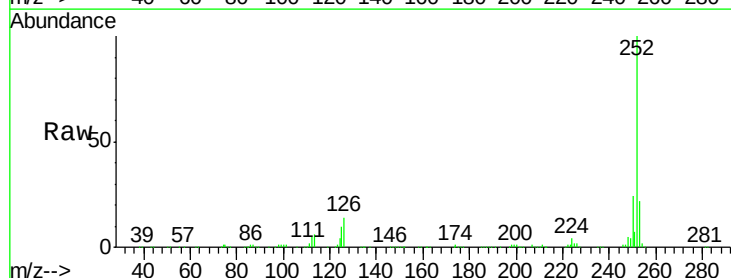
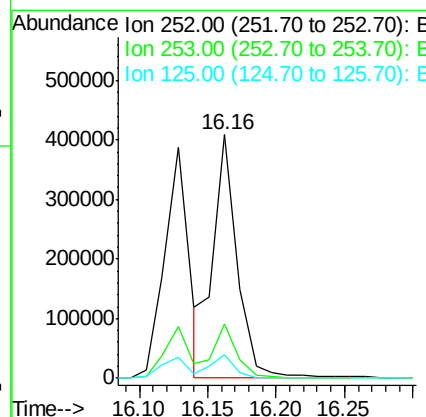
RT: 16.16 min Scan# 1144

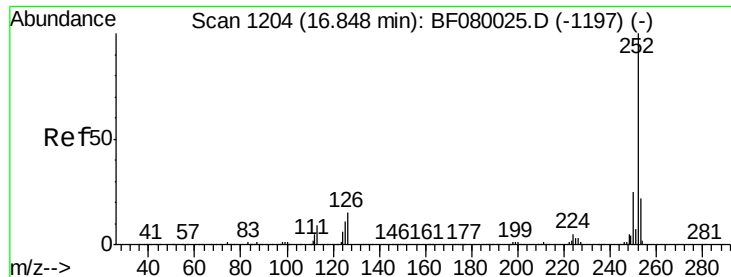
Delta R.T. -0.08 min

Lab File: BF080079.D

Acq: 20 Jun 2015 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	9.9	16.0	24.0#





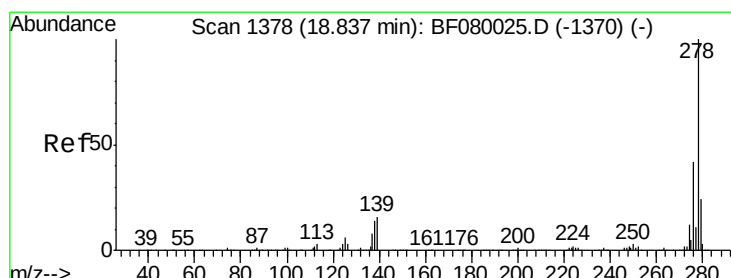
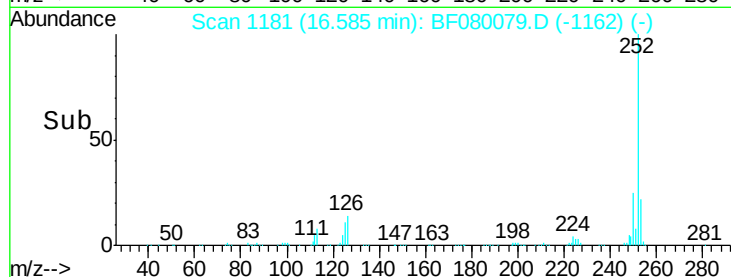
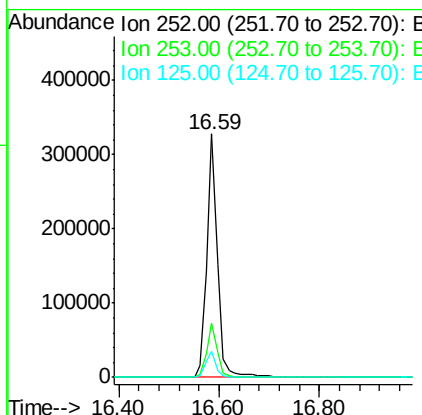
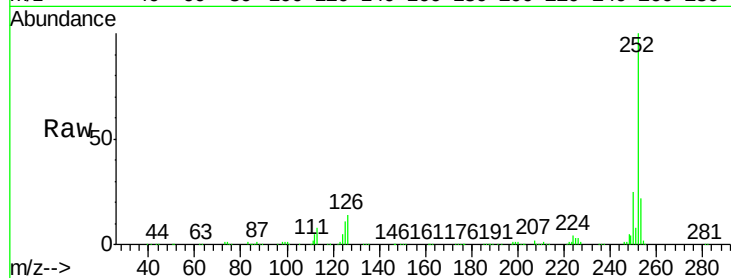
#89
Benzo(a)pyrene
Concen: 42.73 ng
RT: 16.59 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Instrument :
BNA_F
ClientSampleId :
PE-2MS

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		480654		
253	22.3	17.2	25.8		
125	10.6	18.0	27.0		

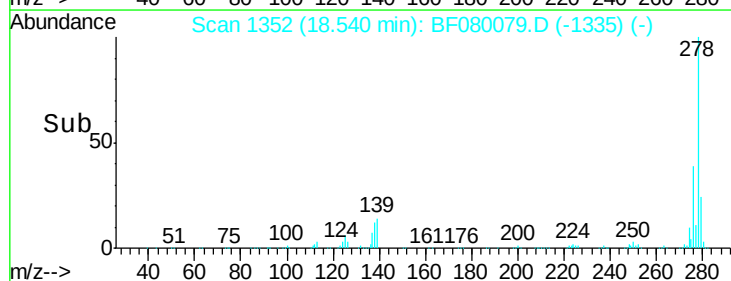
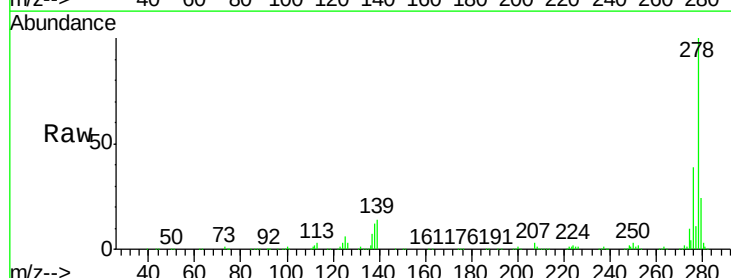
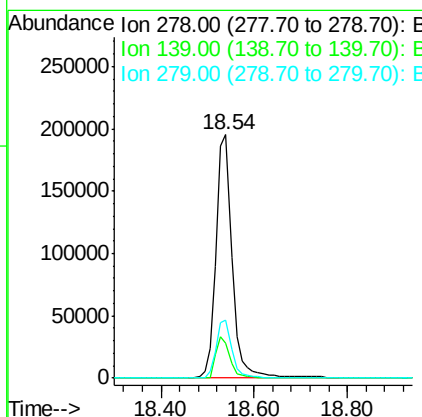
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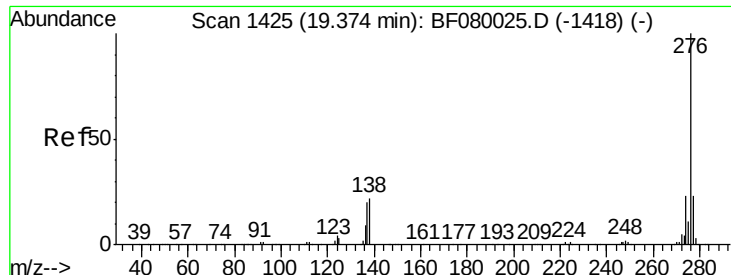
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#90
Dibenzo(a,h)anthracene
Concen: 40.80 ng
RT: 18.54 min Scan# 1352
Delta R.T. -0.10 min
Lab File: BF080079.D
Acq: 20 Jun 2015 4:03

Tgt	Ion	Ratio	Resp	Lower	Upper
278	100		469707		
139	14.4	26.3	39.5		
279	24.0	18.2	27.4		





#91

Benzo(g,h,i)perylene

Concen: 40.26 ng

RT: 19.08 min Scan# 1399

Delta R.T. -0.10 min

Lab File: BF080079.D

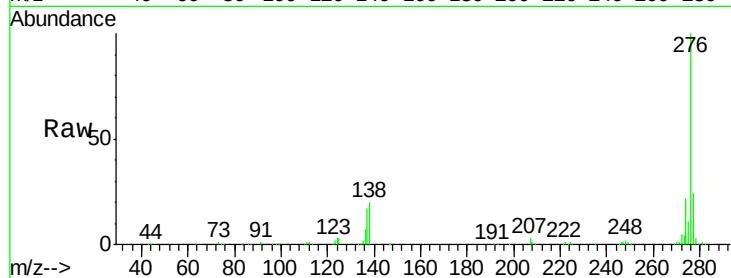
Acq: 20 Jun 2015 4:03

Instrument :

BNA_F

ClientSampleId :

PE-2MS



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	20.4	34.6	51.8#

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