

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080583.D
 Acq On : 23 Jul 2015 5:27
 Operator : TP/UM
 Sample : G3045-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Manual Integrations
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 7/23/2015 11:51:41 AM

Quant Time: Jul 23 06:57:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45105	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	170844	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	75949	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	124972	20.00	ng	0.00
75) Chrysene-d12	14.26	240	84679	20.00	ng	-0.06
86) Perylene-d12	15.91	264	63328	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	131989	51.89	ng	0.00
7) Phenol-d6	6.57	99	101825	32.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	247015	93.13	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	75322	132.52	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	395125	74.81	ng	0.00
78) Terphenyl-d14	13.11	244	332062	80.41	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	15773	11.93	ng	# 100
3) Pyridine	3.32	79	32236	10.50	ng	99
4) n-Nitrosodimethylamine	3.21	42	27675	14.27	ng	93
6) Aniline	6.61	93	78260	16.67	ng	97
8) 2-Chlorophenol	6.74	128	85358	32.05	ng	98
9) Benzaldehyde	6.50	77	36279	15.39	ng	89
10) Phenol	6.58	94	44620	11.98	ng	96
11) bis(2-Chloroethyl)ether	6.68	93	111599	41.71	ng	94
12) 1,3-Dichlorobenzene	6.90	146	103154	29.94	ng	98
13) 1,4-Dichlorobenzene	6.98	146	96116	29.28	ng	97
14) 1,2-Dichlorobenzene	7.13	146	103798	32.79	ng	99
15) Benzyl Alcohol	7.09	79	70978	27.37	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	217424	38.80	ng	98
17) 2-Methylphenol	7.20	107	58225	25.63	ng	95
18) Hexachloroethane	7.48	117	31432	27.16	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	85443	42.47	ng	96
20) 3+4-Methylphenols	7.36	107	71322	24.89	ng	# 76
22) Acetophenone	7.37	105	163384	40.05	ng	98
24) Nitrobenzene	7.54	77	130874	41.00	ng	99
25) Isophorone	7.78	82	232826	41.56	ng	98
26) 2-Nitrophenol	7.86	139	43660	53.25	ng	97
27) 2,4-Dimethylphenol	7.89	122	87861	37.04	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	127712	42.50	ng	99
29) 2,4-Dichlorophenol	8.10	162	80402	42.41	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	88285	33.31	ng	97
31) Naphthalene	8.27	128	301399m	35.53	ng	
32) Benzoic acid	7.93	122	12281m	23.46	ng	
33) 4-Chloroaniline	8.32	127	74872	22.93	ng	96
34) Hexachlorobutadiene	8.40	225	45842	29.61	ng	96
35) Caprolactam	8.65	113	3359	6.28	ng	# 69
36) 4-Chloro-3-methylphenol	8.78	107	85049	36.28	ng	96
37) 2-Methylnaphthalene	8.96	142	180743	38.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	95709	36.76	ng	98
40) Hexachlorocyclopentadiene	9.12	237	98182	87.52	ng	97

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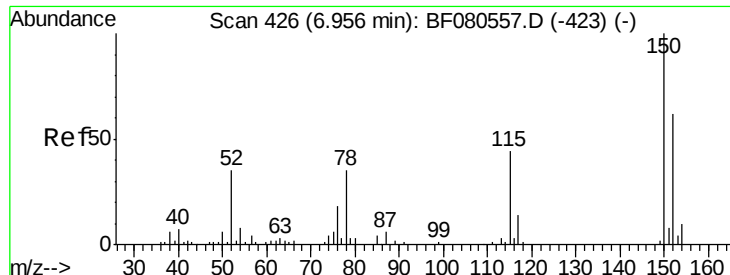
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	55634	43.14	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	60802	45.12	ng	95
45) 1,1'-Biphenyl	9.42	154	257586	40.46	ng	98
46) 2-Chloronaphthalene	9.45	162	193099	38.40	ng	99
47) 2-Nitroaniline	9.54	65	62420	51.52	ng	99
48) Acenaphthylene	9.87	152	303662	41.15	ng	98
49) Dimethylphthalate	9.72	163	251884	47.23	ng	99
50) 2,6-Dinitrotoluene	9.78	165	43849	48.97	ng	94
51) Acenaphthene	10.04	154	193216	44.57	ng	99
52) 3-Nitroaniline	9.95	138	27944	33.91	ng	# 96
53) 2,4-Dinitrophenol	10.05	184	24567	103.38	ng	# 73
54) Dibenzofuran	10.21	168	274625	43.12	ng	97
55) 4-Nitrophenol	10.09	139	21270	32.82	ng	92
56) 2,4-Dinitrotoluene	10.18	165	53288	51.85	ng	# 96
57) Fluorene	10.56	166	211959	41.65	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.33	232	45834	42.02	ng	98
59) Diethylphthalate	10.42	149	210199	42.71	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	93297	42.51	ng	97
61) 4-Nitroaniline	10.56	138	36614	38.31	ng	92
62) Azobenzene	10.70	77	234927	43.34	ng	100
64) 4,6-Dinitro-2-methylphenol	10.59	198	16721	62.07	ng	88
65) n-Nitrosodiphenylamine	10.66	169	174128	42.26	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	55548	46.18	ng	99
67) Hexachlorobenzene	11.10	284	61665	45.14	ng	99
68) Atrazine	11.18	200	49752	45.01	ng	98
69) Pentachlorophenol	11.29	266	58746	108.30	ng	94
70) Phenanthrene	11.52	178	286976	40.46	ng	99
71) Anthracene	11.57	178	285398	43.47	ng	99
72) Carbazole	11.72	167	259143	43.58	ng	99
73) Di-n-butylphthalate	12.06	149	298078	42.99	ng	100
74) Fluoranthene	12.72	202	272382	42.44	ng	97
76) Benzidine	12.84	184	24861	9.87	ng	97
77) Pyrene	12.96	202	275657	47.82	ng	99
79) Butylbenzylphthalate	13.62	149	102594	53.83	ng	# 71
80) Benzo(a)anthracene	14.25	228	213576	44.38	ng	98
81) 3,3'-Dichlorobenzidine	14.21	252	53801	37.16	ng	98
82) Chrysene	14.29	228	205682	42.77	ng	100
83) Bis(2-ethylhexyl)phthalate	14.26	149	148705	47.80	ng	# 98
84) Di-n-octyl phthalate	15.00	149	208171	51.52	ng	96
85) Indeno(1,2,3-cd)pyrene	17.43	276	242429	70.95	ng	98
87) Benzo(b)fluoranthene	15.46	252	181476	45.58	ng	# 96
88) Benzo(k)fluoranthene	15.49	252	148021m	37.55	ng	
89) Benzo(a)pyrene	15.85	252	156272	45.29	ng	# 91
90) Dibenzo(a,h)anthracene	17.46	278	196302	66.65	ng	97
91) Benzo(g,h,i)perylene	17.88	276	243103	81.17	ng	95

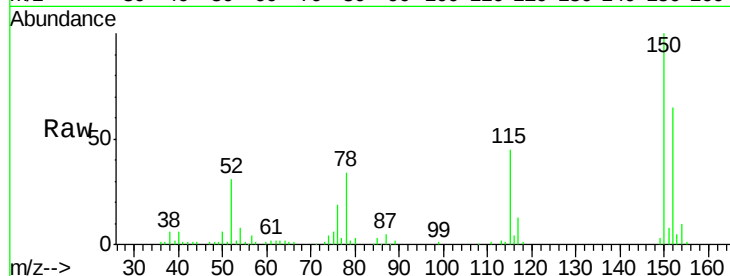
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

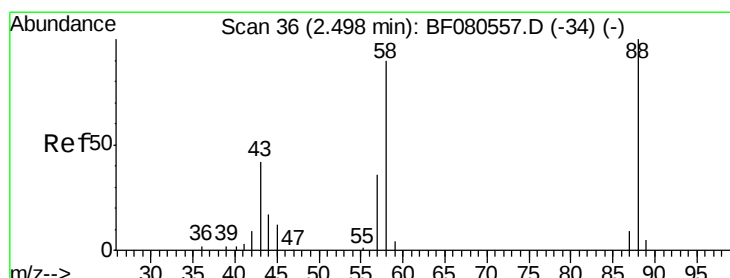
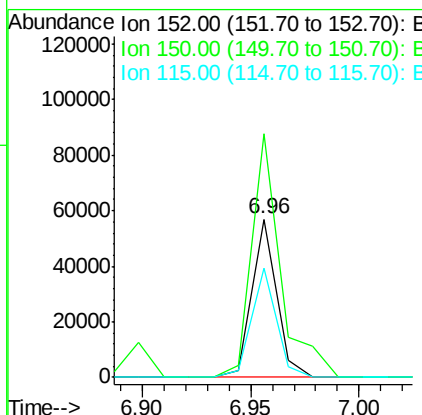
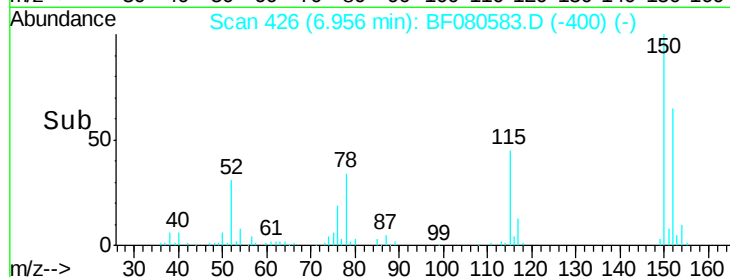
Instrument :
BNA_F
ClientSampleId :
MW-2MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.7	193.1
115	69.1	56.8	85.2

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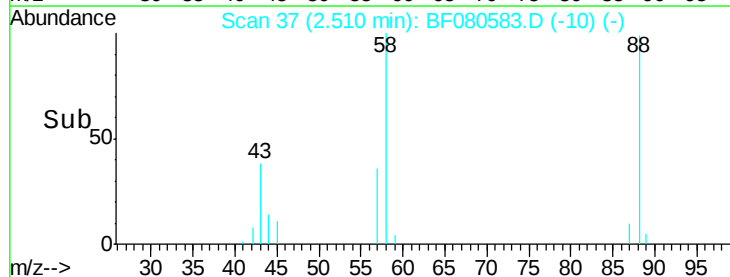
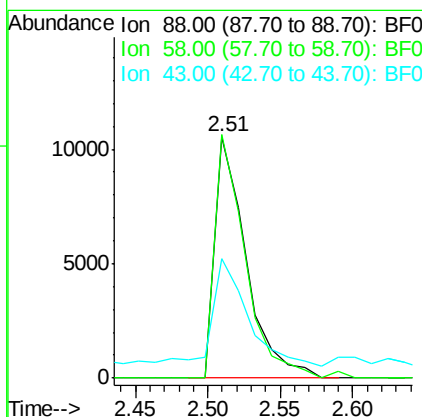
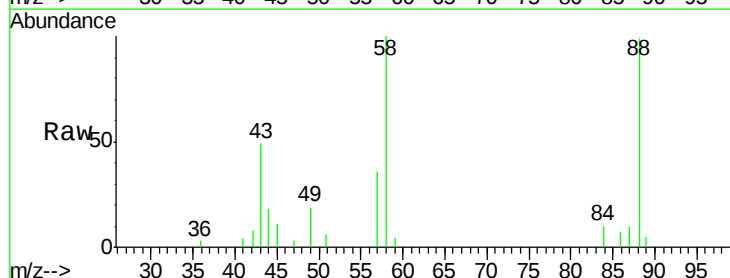
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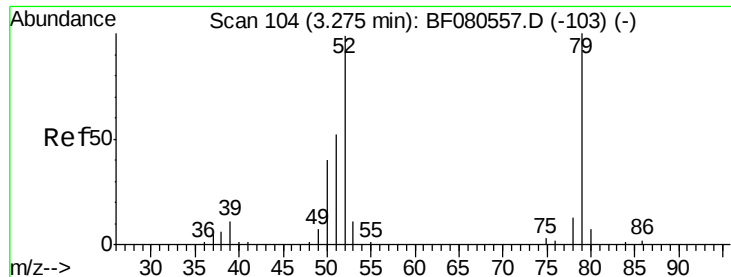


#2

1,4-Dioxane
Concen: 11.93 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.01 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.2	0.0	0.0#
43	52.3	0.0	0.0#





#3

Pyridine

Concen: 10.50 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

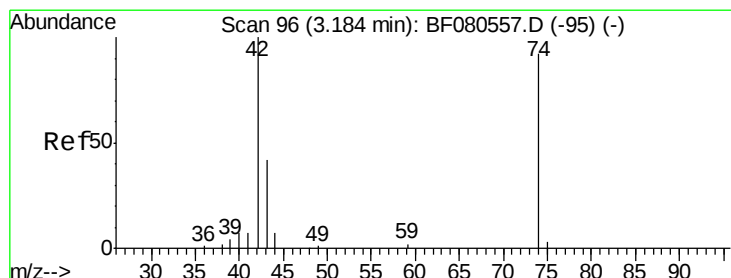
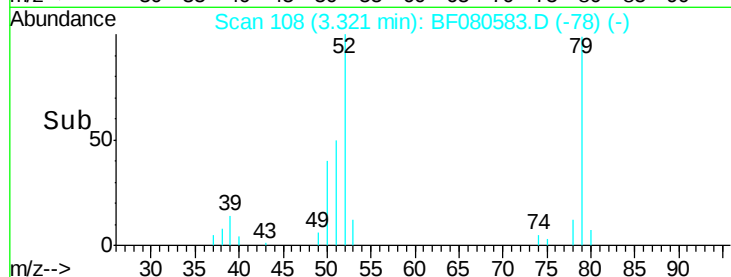
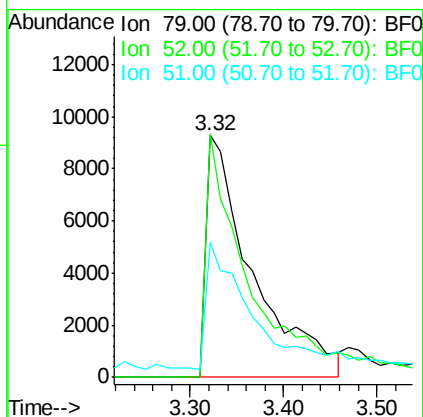
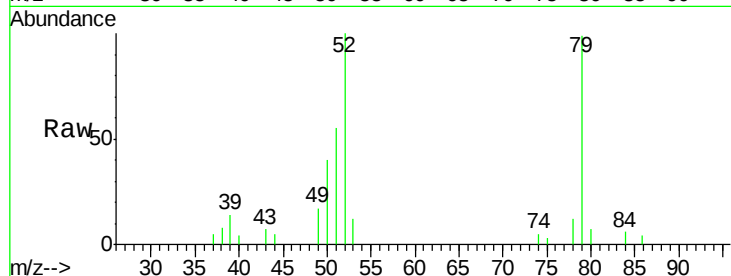
ClientSampleId :

MW-2MSD

Tgt Ion:	79	Resp:	32236
Ion	Ratio	Lower	Upper
79	100		
52	100.5	79.6	119.4
51	55.4	44.5	66.7

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#4

n-Nitrosodimethylamine

Concen: 14.27 ng

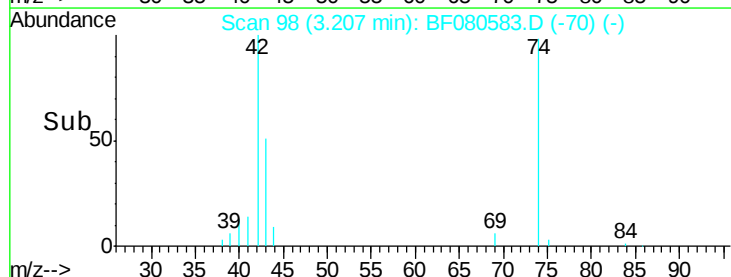
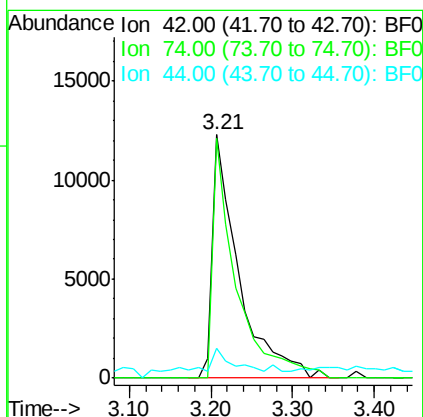
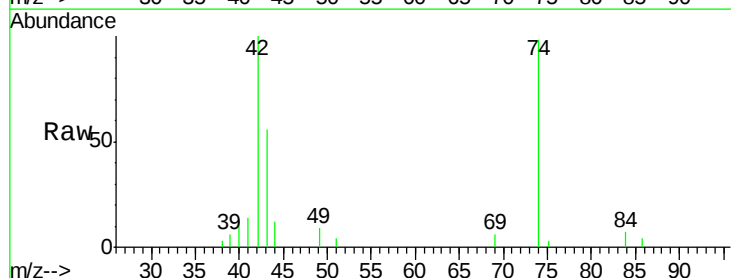
RT: 3.21 min Scan# 98

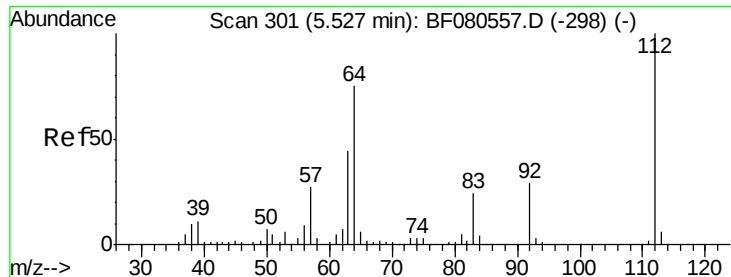
Delta R.T. 0.02 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	42	Resp:	27675
Ion	Ratio	Lower	Upper
42	100		
74	98.4	72.6	108.8
44	12.3	10.4	15.6





#5

2-Fluorophenol

Concen: 51.89 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

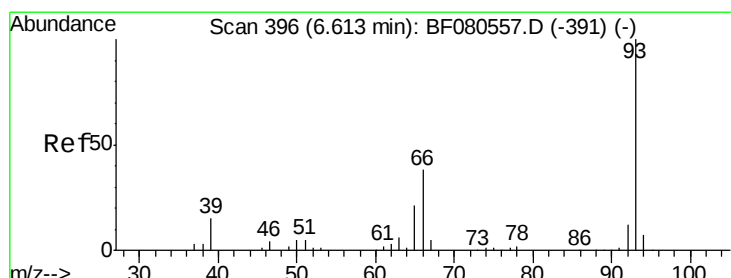
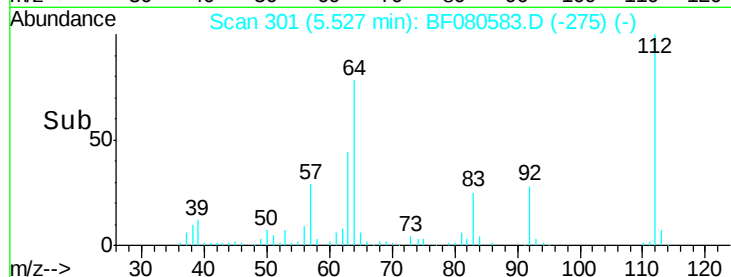
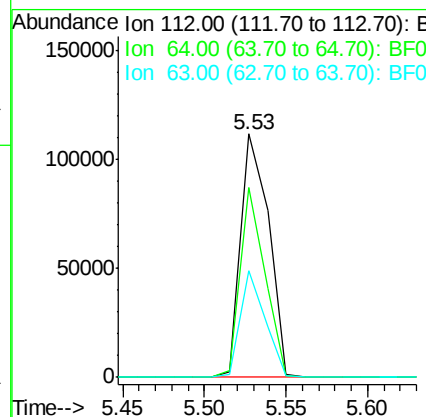
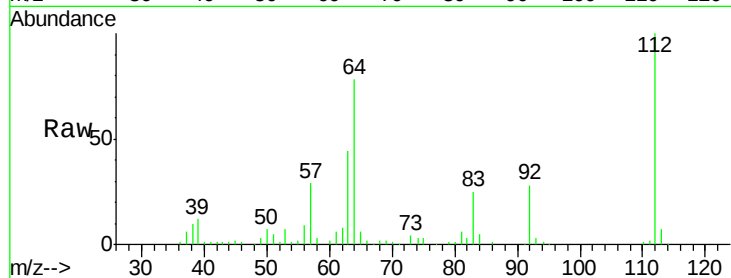
ClientSampleId :

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Tgt Ion:	112	Resp:	131989
Ion Ratio	Lower	Upper	
112	100		
64	77.8	60.2	90.2
63	43.6	34.8	52.2

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#6

Aniline

Concen: 16.67 ng

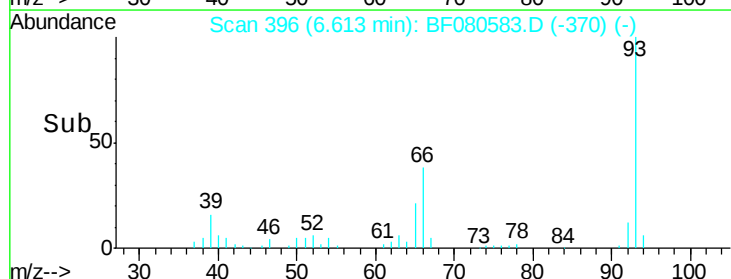
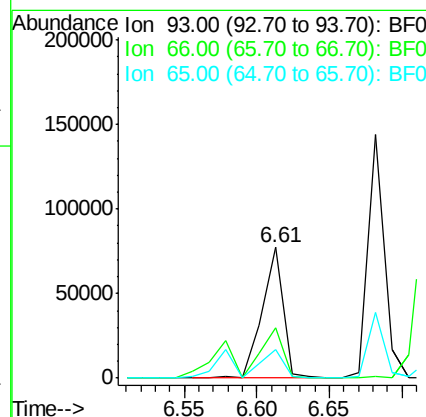
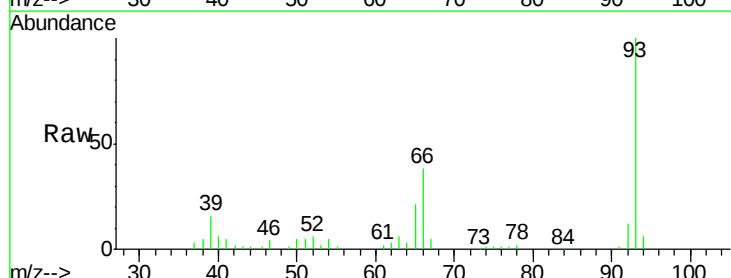
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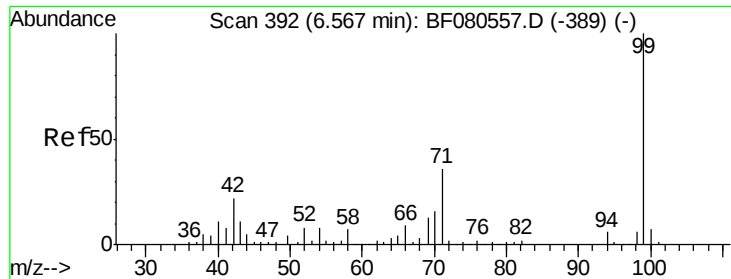
Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	93	Resp:	78260
Ion Ratio	Lower	Upper	
93	100		
66	38.4	33.1	49.7
65	21.4	17.2	25.8





#7

Phenol-d6

Concen: 32.51 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

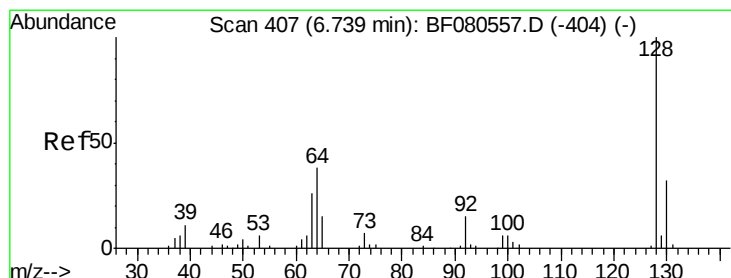
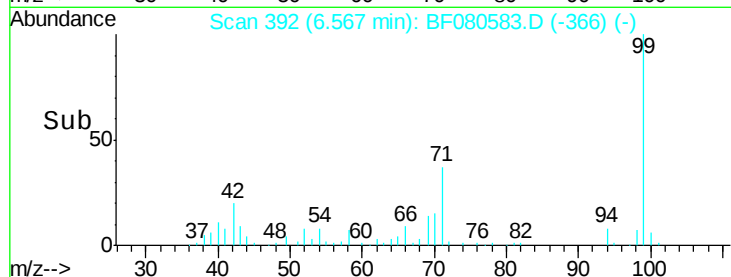
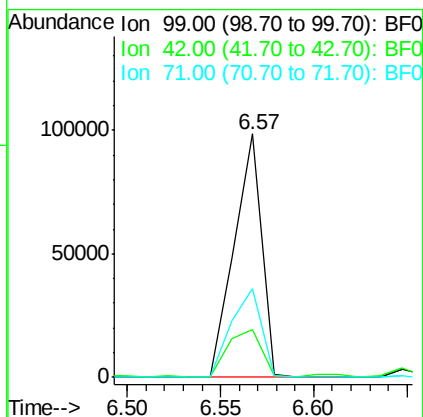
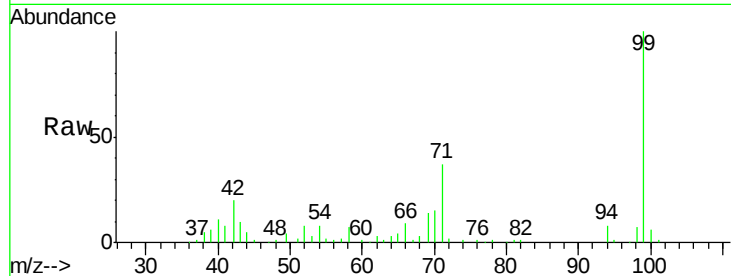
ClientSampleId :

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Tgt Ion:	99	Resp:	101825
Ion Ratio	Lower	Upper	
99	100		
42	19.9	17.4	26.2
71	36.6	29.0	43.6

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#8

2-Chlorophenol

Concen: 32.05 ng

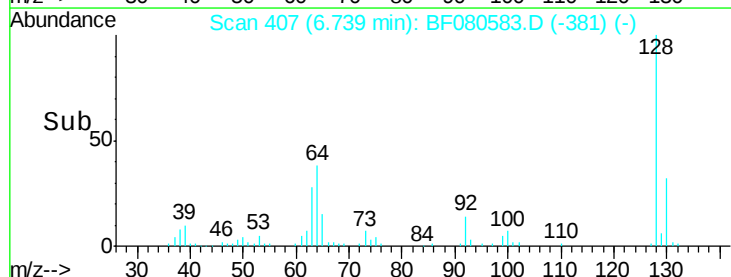
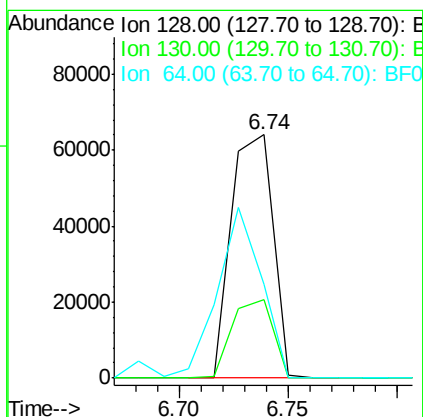
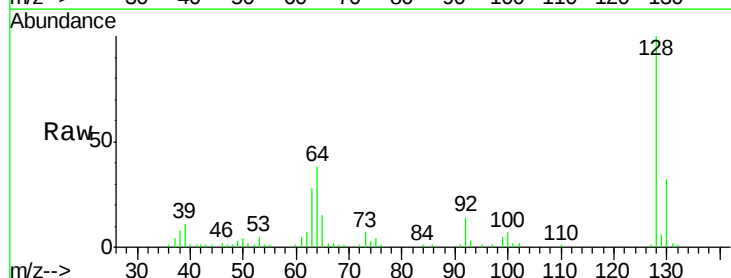
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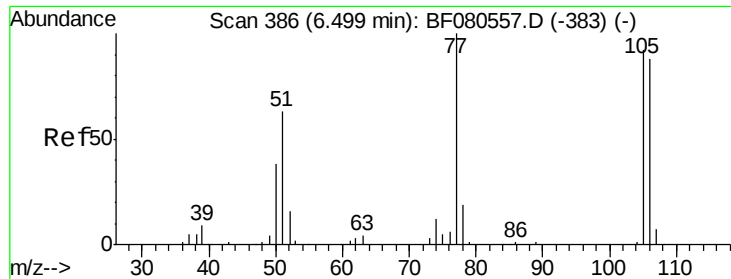
Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	128	Resp:	85358
Ion Ratio	Lower	Upper	
128	100		
130	32.1	11.8	51.8
64	38.4	20.2	60.2





#9

Benzaldehyde

Concen: 15.39 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080583.D

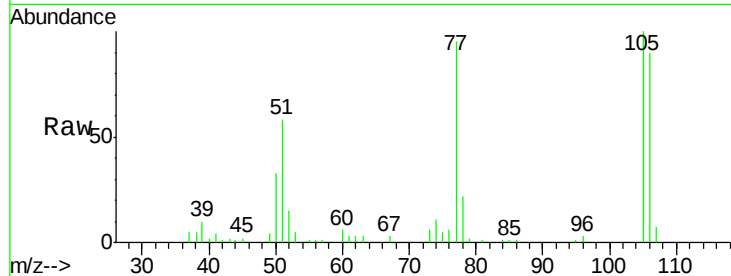
Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

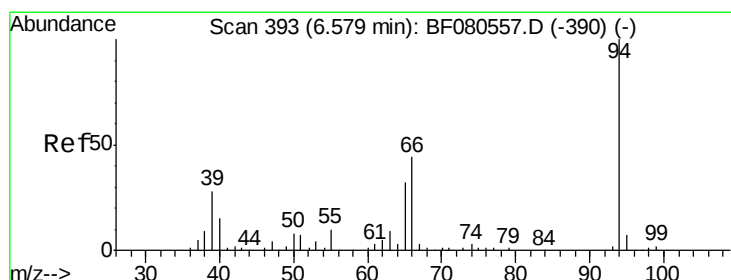
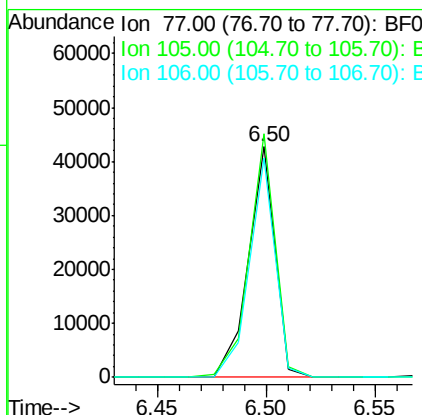
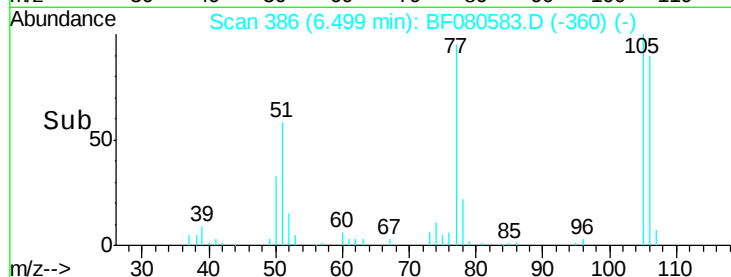
MW-2MSD



Tgt Ion:	77	Resp:	36279
Ion	Ratio	Lower	Upper
77	100		
105	105.6	72.3	112.3
106	94.9	67.5	107.5

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#10

Phenol

Concen: 11.98 ng

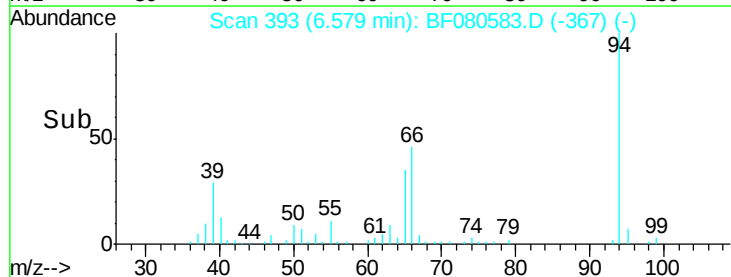
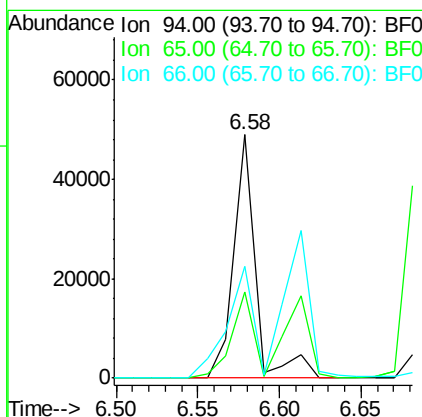
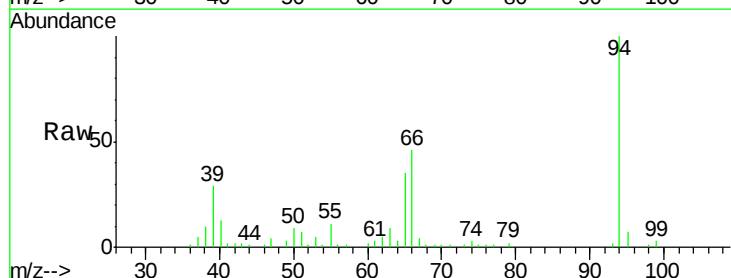
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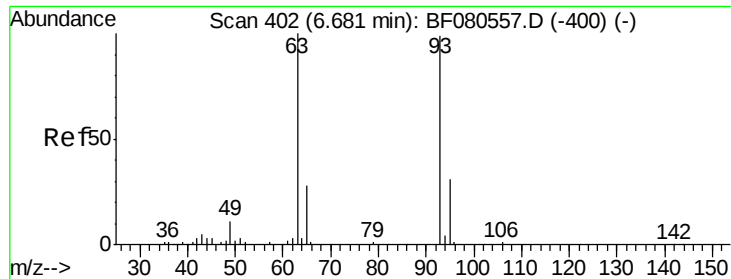
Delta R.T. 0.00 min

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Tgt Ion:	94	Resp:	44620
Ion	Ratio	Lower	Upper
94	100		
65	35.2	12.1	52.1
66	45.8	24.3	64.3





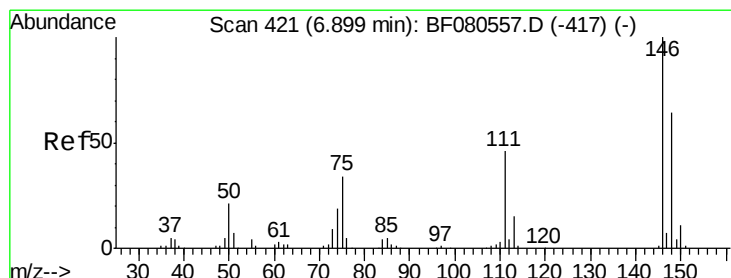
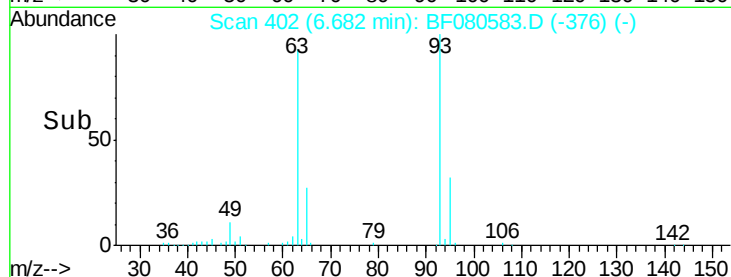
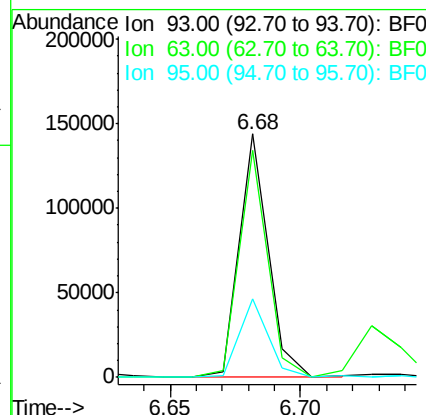
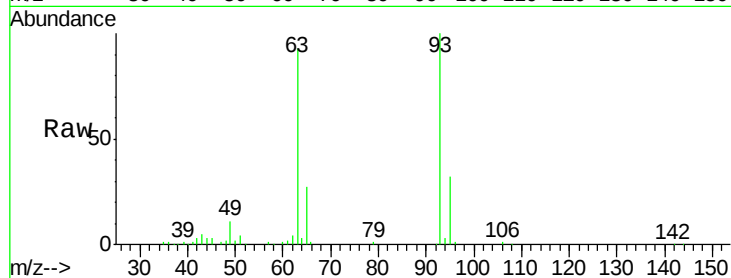
#11
bis(2-Chloroethyl)ether
Concen: 41.71 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	93.5	80.5	120.5
95	32.2	11.2	51.2

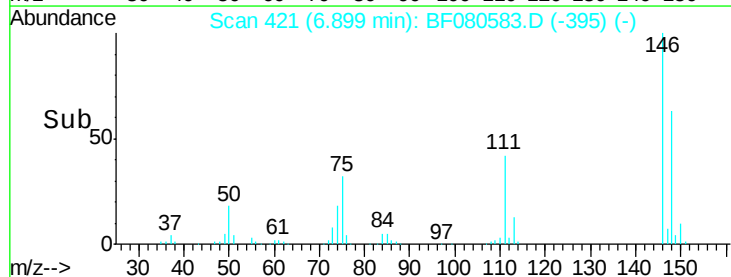
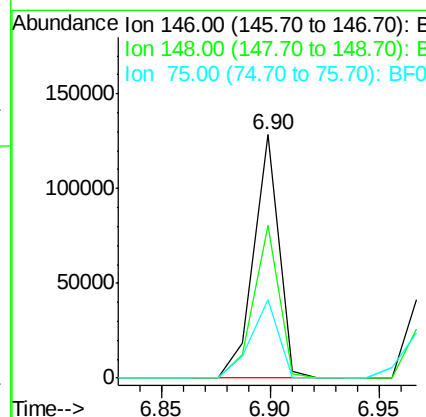
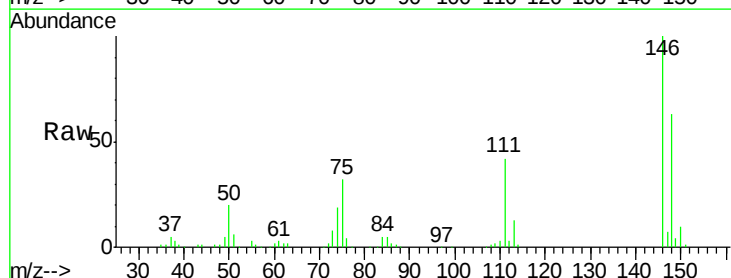
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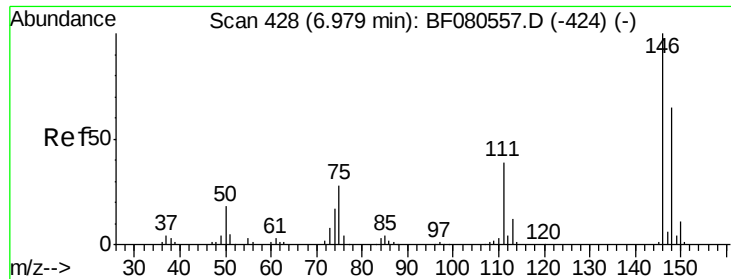
apatel
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#12
1,3-Dichlorobenzene
Concen: 29.94 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.7	50.9	76.3
75	32.3	27.1	40.7





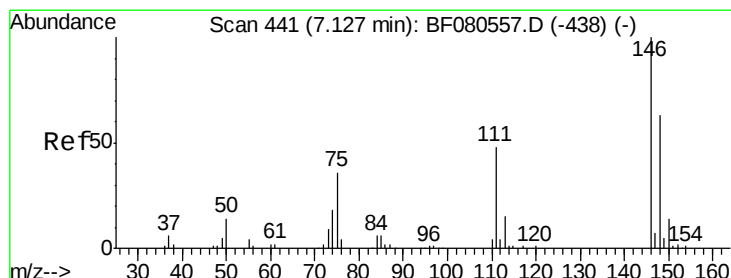
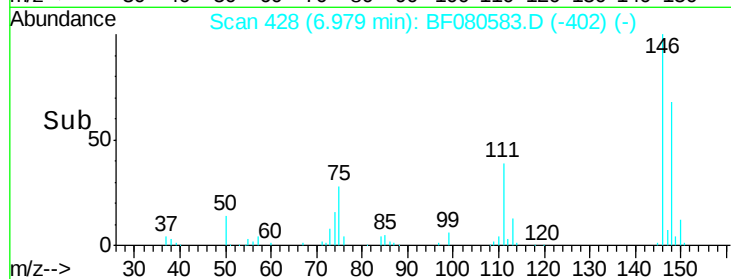
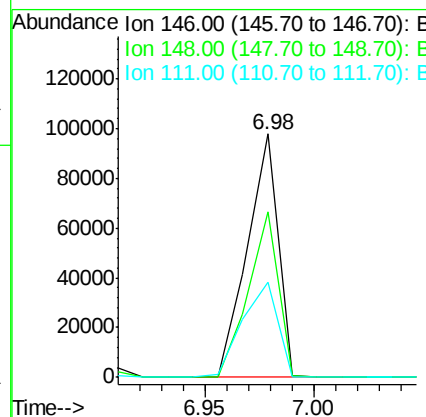
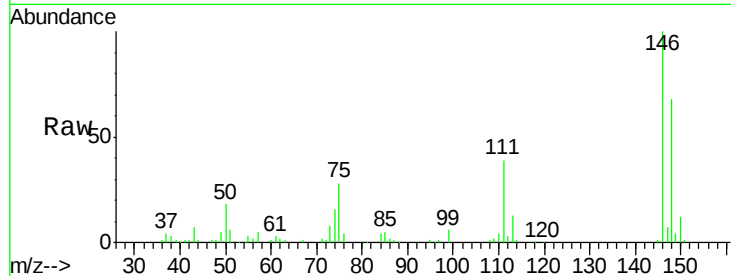
#13
 1,4-Dichlorobenzene
 Concen: 29.28 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	52.0	78.0
111	39.1	31.4	47.2

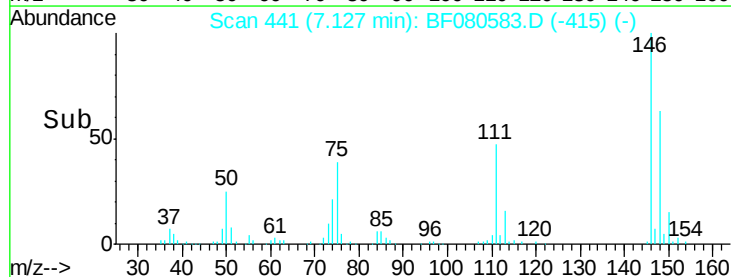
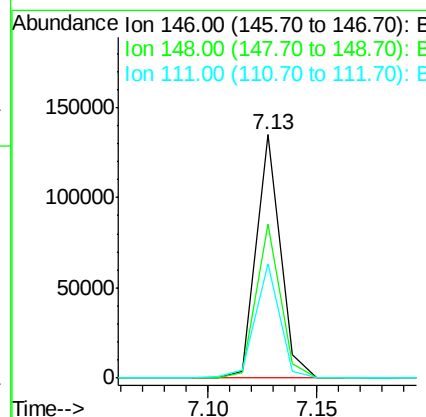
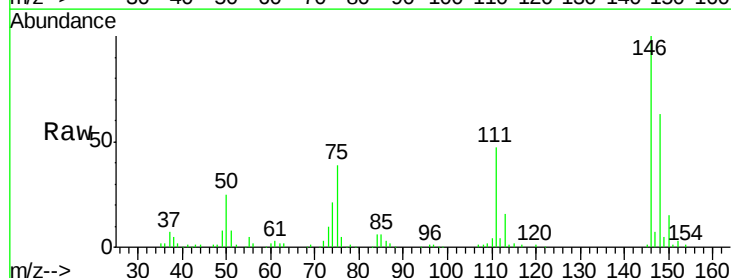
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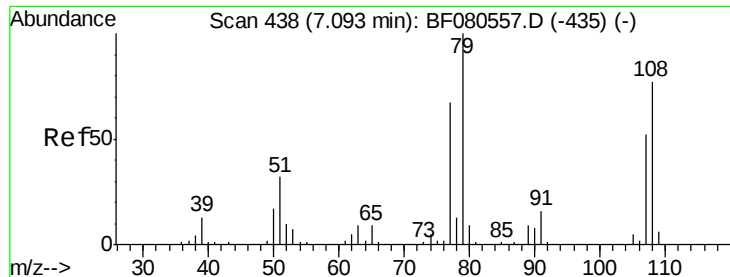
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#14
 1,2-Dichlorobenzene
 Concen: 32.79 ng
 RT: 7.13 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.3	75.5
111	47.1	38.2	57.2





#15

Benzyl Alcohol

Concen: 27.37 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

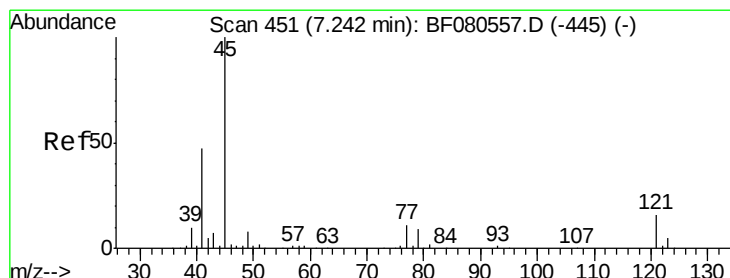
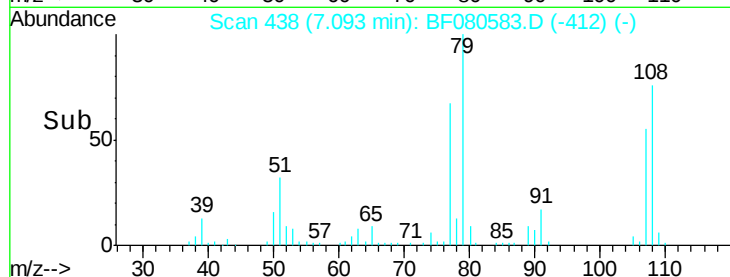
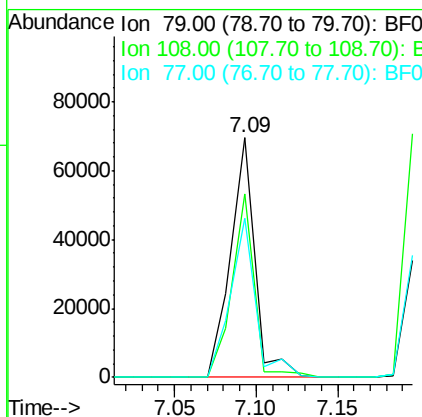
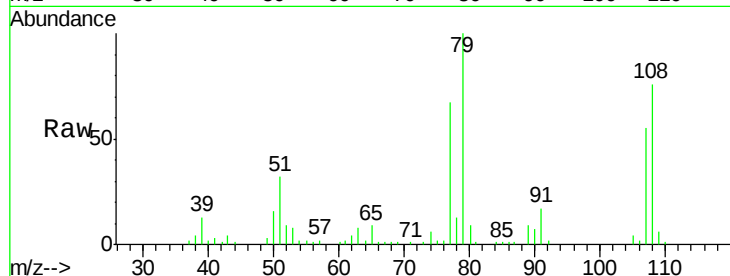
ClientSampleId :

MW-2MSD

Tgt Ion:	79	Resp:	70978
Ion	Ratio	Lower	Upper
79	100		
108	76.5	61.5	92.3
77	66.6	53.6	80.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.80 ng

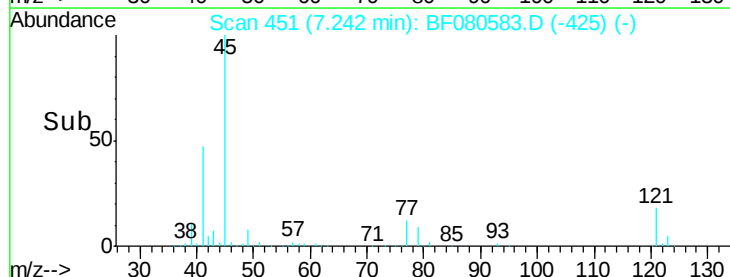
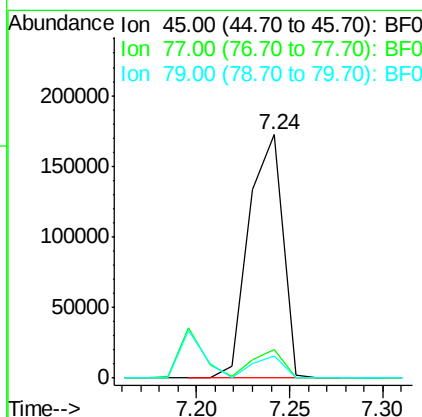
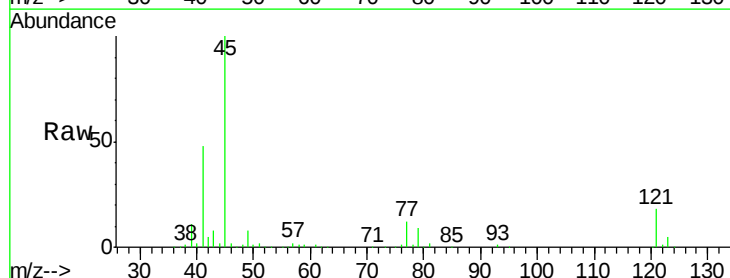
RT: 7.24 min Scan# 451

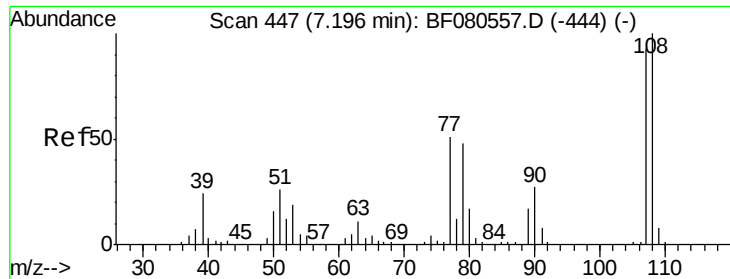
Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	45	Resp:	217424
Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	30.8
79	9.3	0.0	28.6





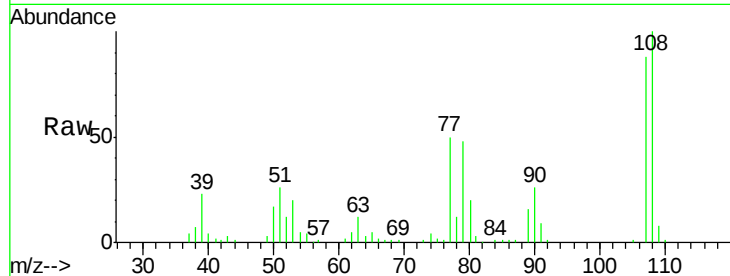
#17
2-Methylphenol
Concen: 25.63 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.1	86.0	129.0
77	57.0	43.4	65.2
79	55.0	41.2	61.8

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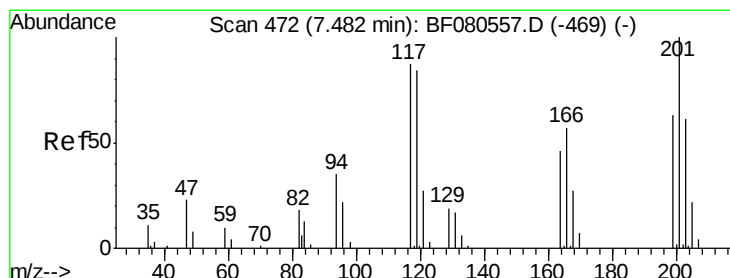
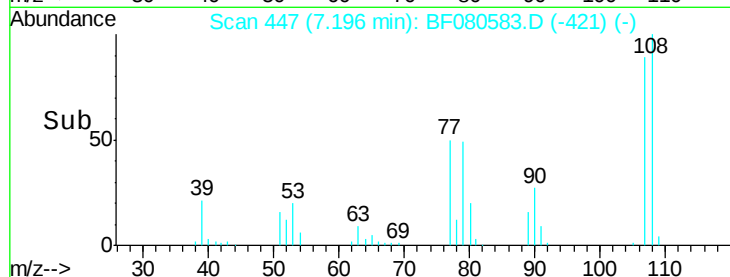
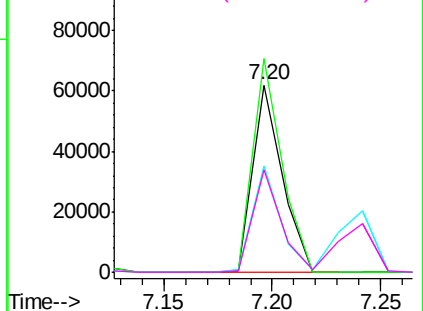
Abundance

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: 27.16 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

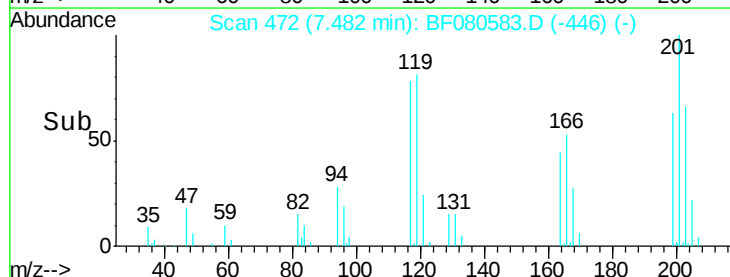
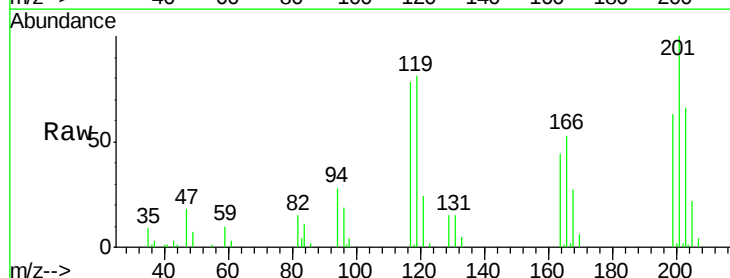
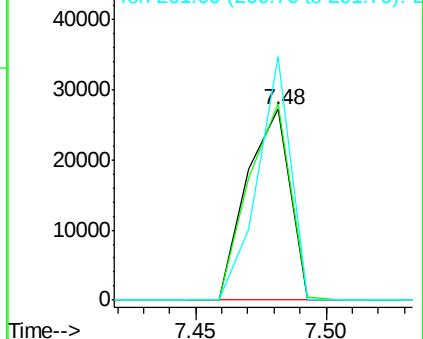
Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	103.1	76.5	114.7
201	127.7	91.6	137.4

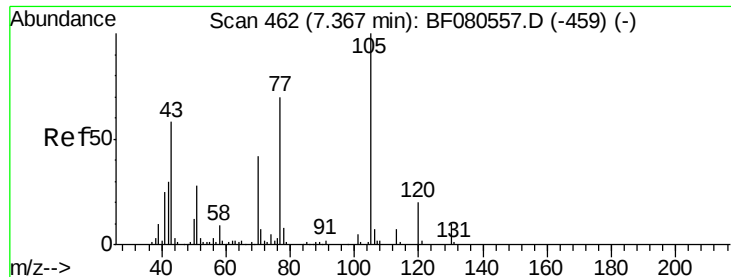
Abundance

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





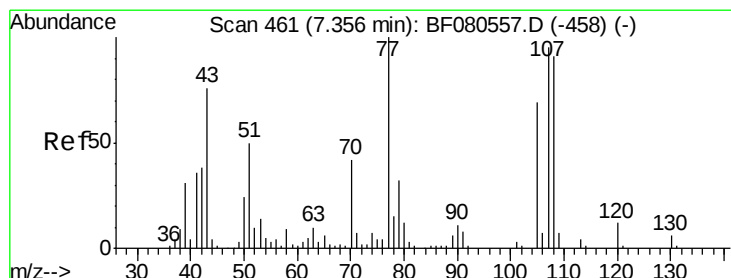
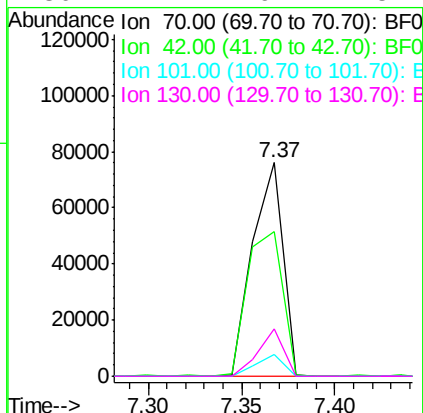
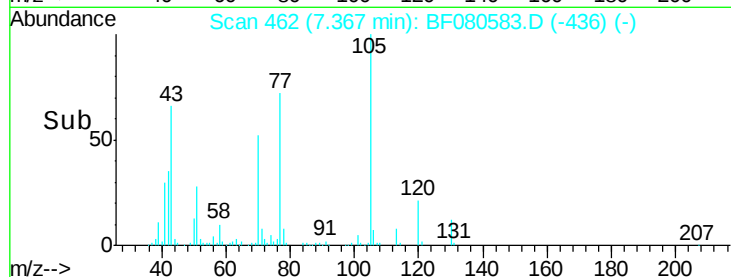
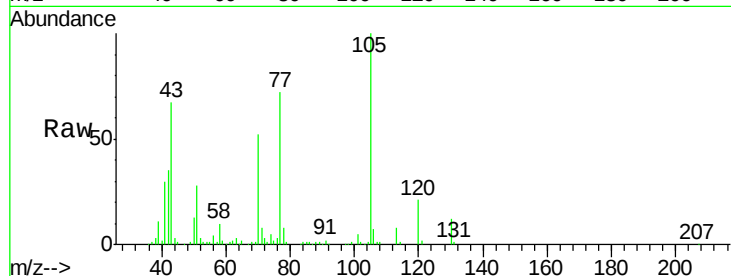
#19
n-Nitroso-di-n-propylamine
Concen: 42.47 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	56.6	85.0
101	10.4	9.7	14.5
130	22.4	19.1	28.7

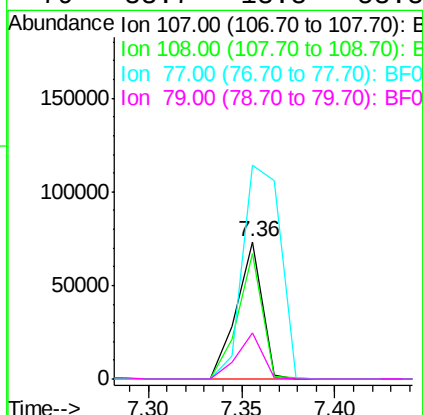
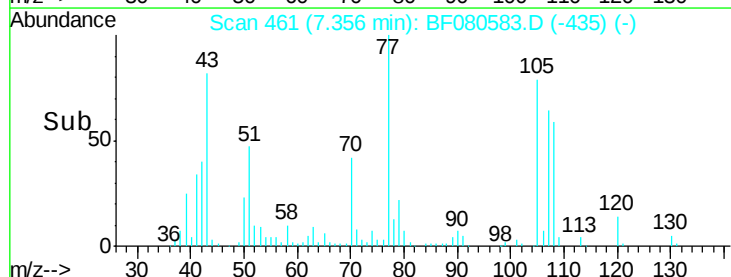
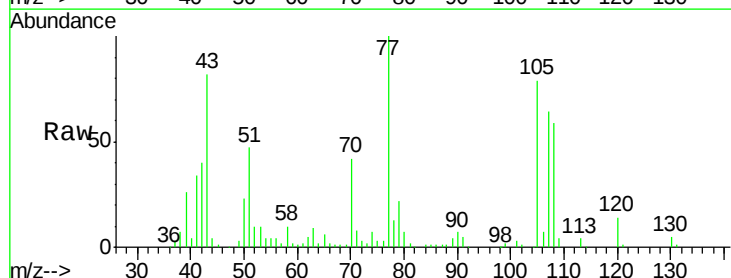
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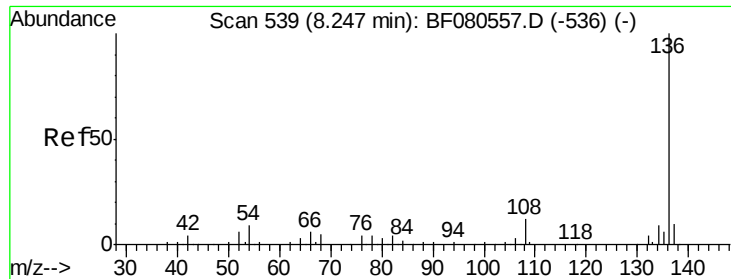
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#20
3+4-Methylphenols
Concen: 24.89 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	75.6	115.6
77	155.3	84.7	124.7#
79	33.7	13.8	53.8





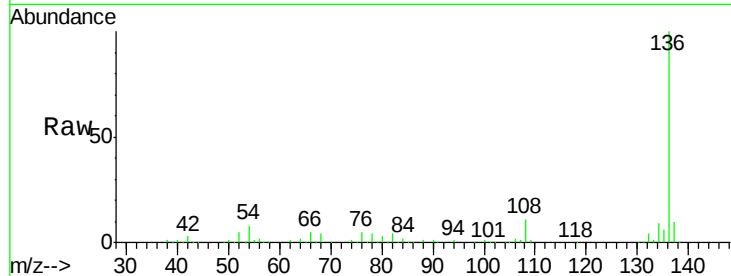
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

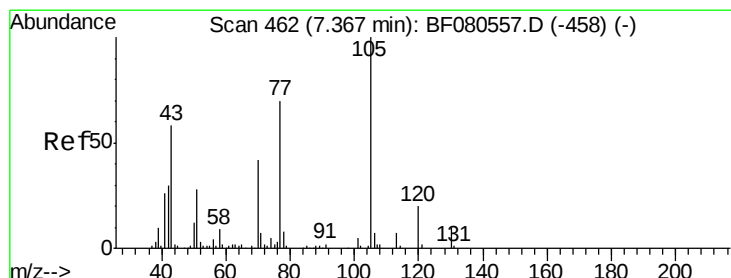
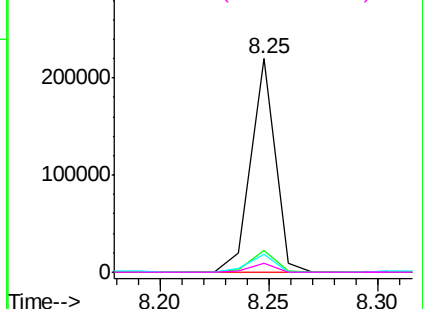
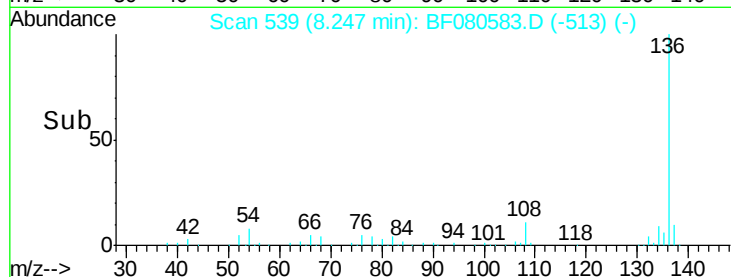
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	170844		
137	10.4	7.8	11.8	
54	8.4	7.2	10.8	
68	4.2	3.8	5.6	

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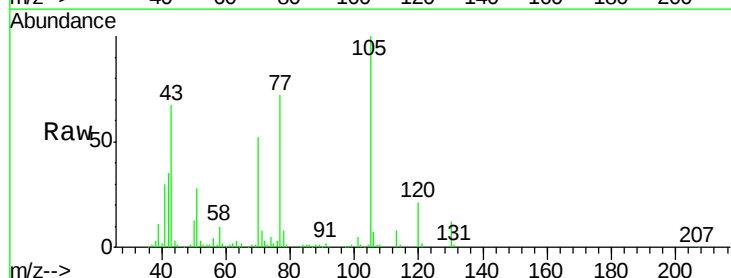


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

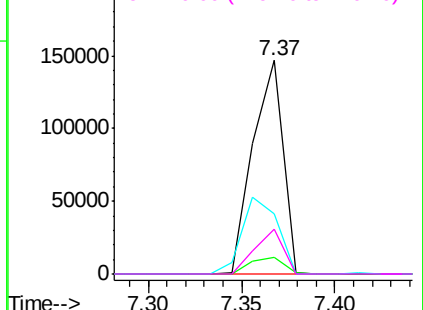
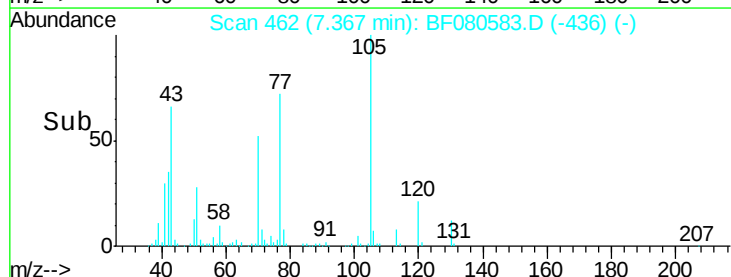


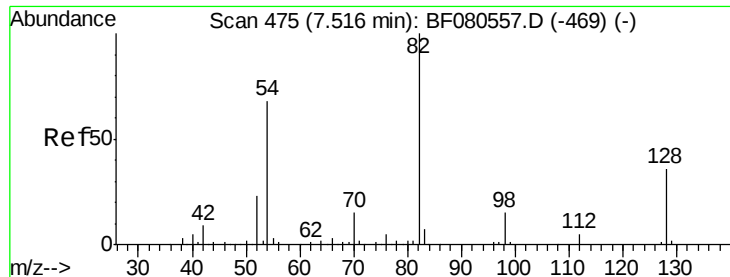
#22
Acetophenone
Concen: 40.05 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163384		
71	7.8	5.5	8.3	
51	28.3	23.0	34.4	
120	21.3	15.8	23.8	



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





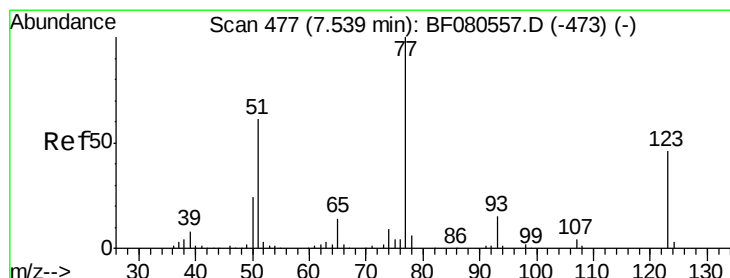
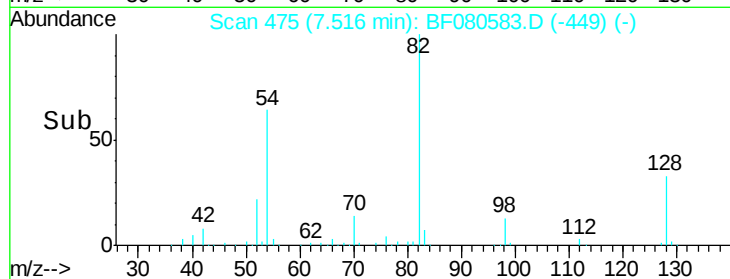
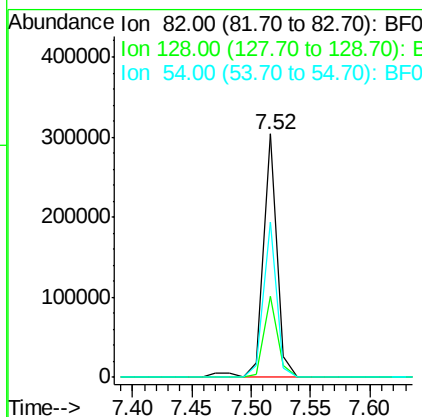
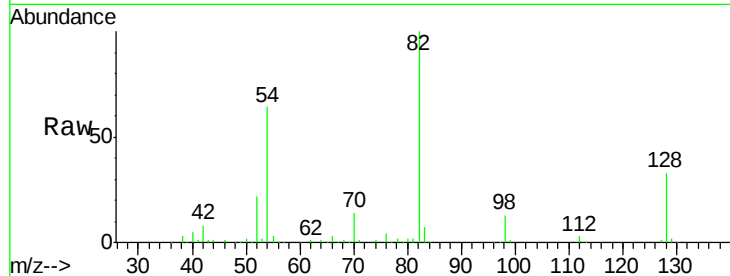
#23
 Nitrobenzene-d5
 Concen: 93.13 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	33.4	28.9	43.3
54	63.9	54.5	81.7

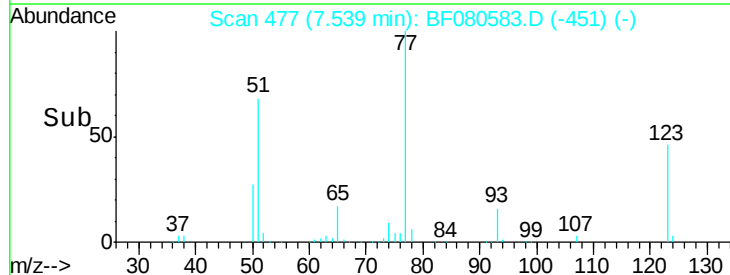
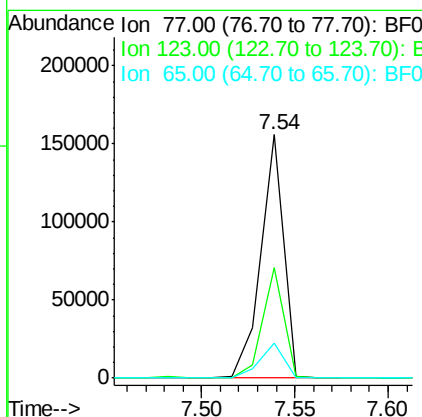
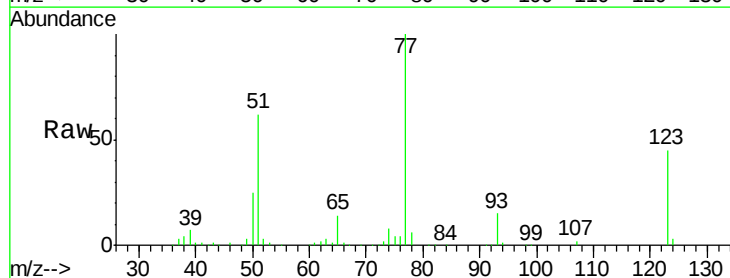
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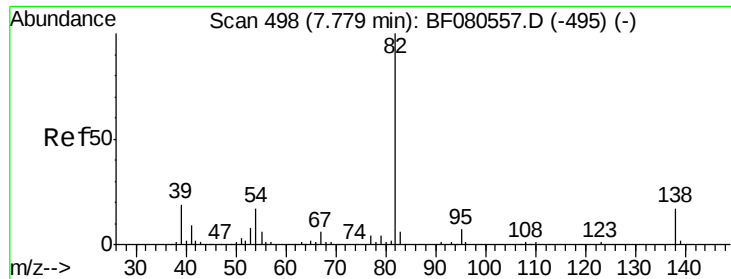
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#24
 Nitrobenzene
 Concen: 41.00 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	45.3	37.1	55.7
65	14.4	11.4	17.2





#25

Isophorone

Concen: 41.56 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

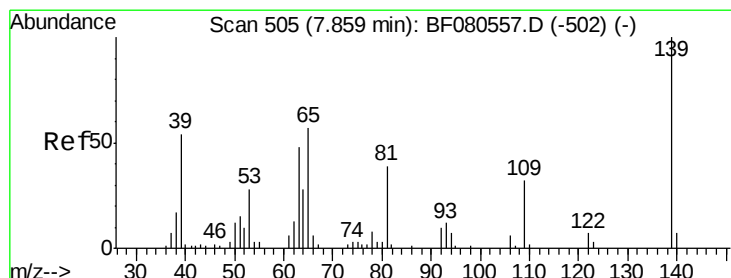
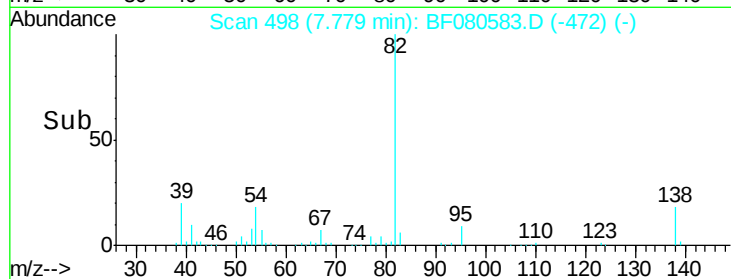
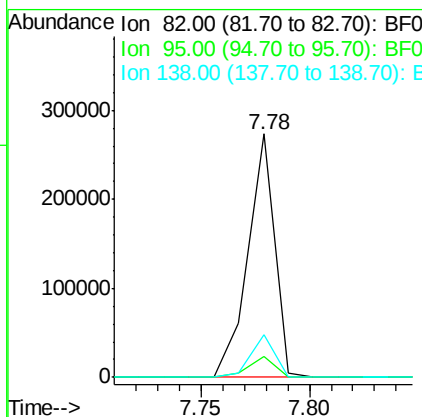
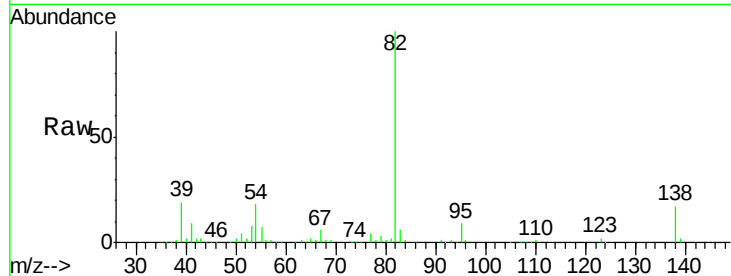
ClientSampleId :

MW-2MSD

Tgt Ion:	82	Resp:	232826
Ion Ratio	Lower	Upper	
82	100		
95	8.7	5.9	8.9
138	17.5	13.4	20.2

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#26

2-Nitrophenol

Concen: 53.25 ng

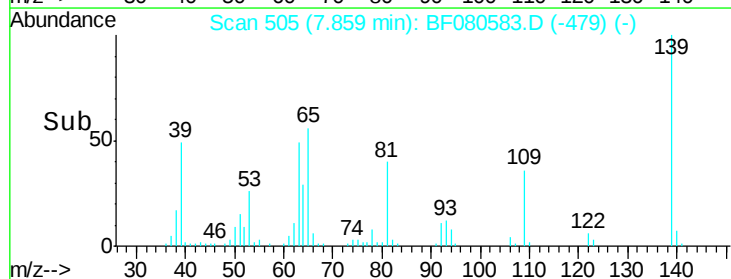
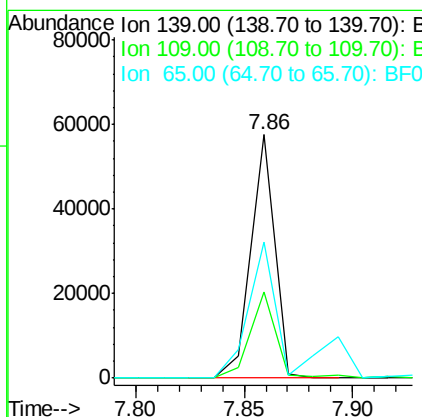
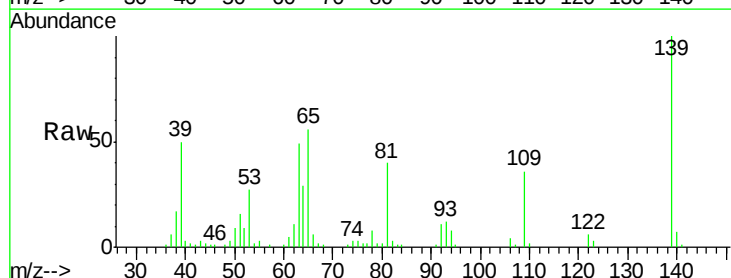
RT: 7.86 min Scan# 505

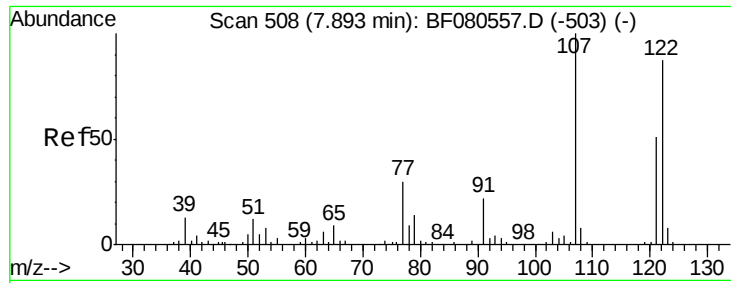
Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	139	Resp:	43660
Ion Ratio	Lower	Upper	
139	100		
109	35.5	26.0	39.0
65	55.8	45.4	68.0





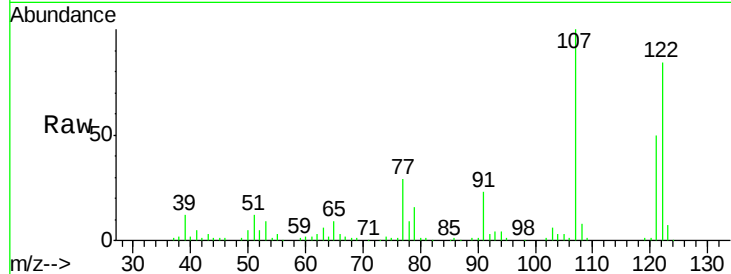
#27
 2,4-Dimethylphenol
 Concen: 37.04 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampled :
 MW-2MSD

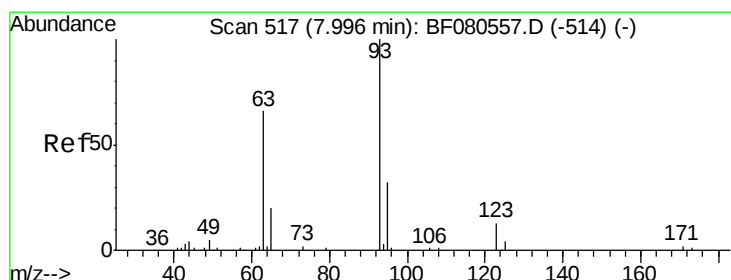
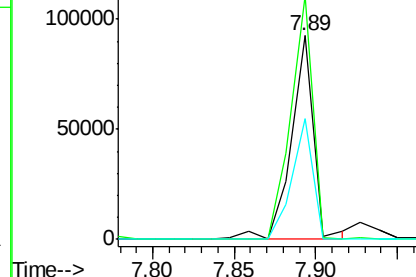
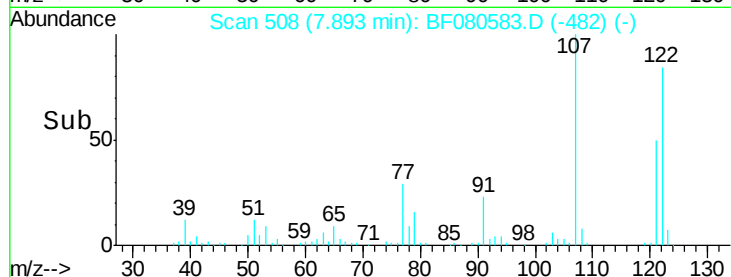
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	87861		
107	119.7	92.3	138.5	
121	59.4	47.1	70.7	

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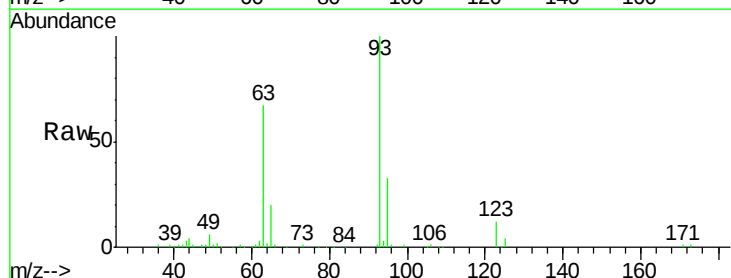


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

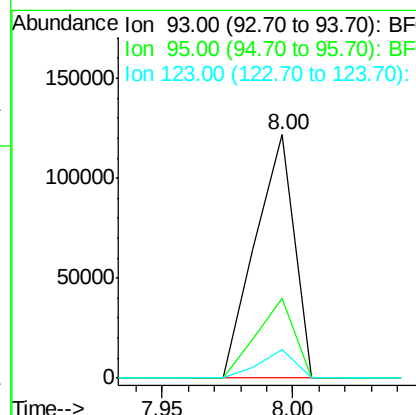
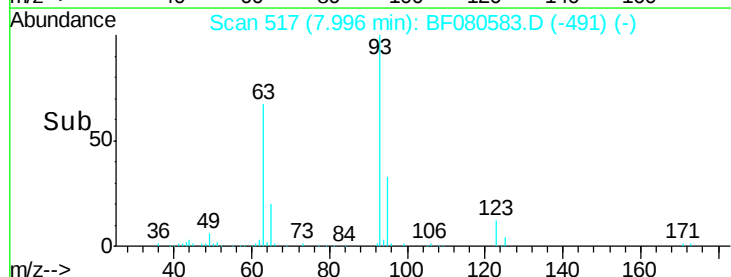


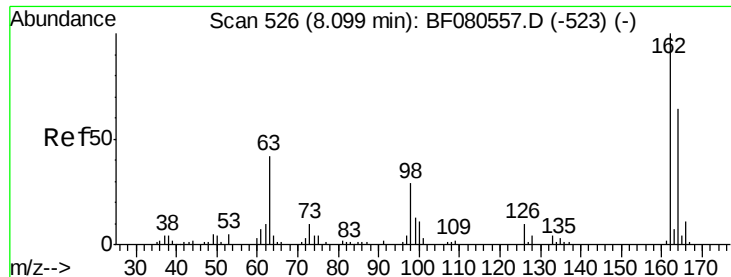
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.50 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127712		
95	32.6	25.9	38.9	
123	11.9	10.3	15.5	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





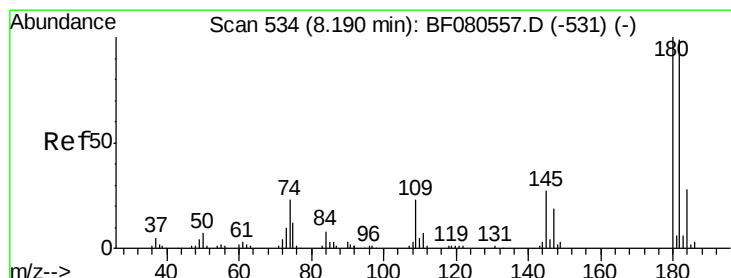
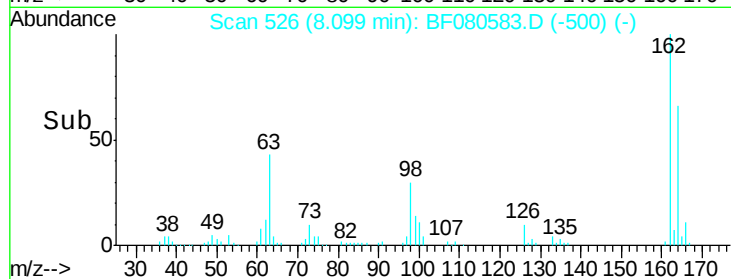
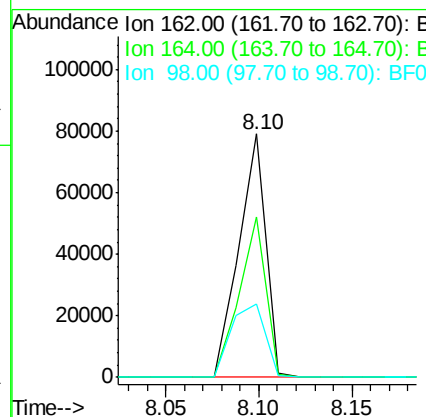
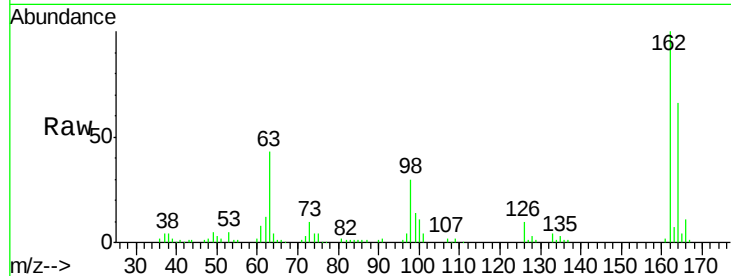
#29
2,4-Dichlorophenol
Concen: 42.41 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.7	44.1	84.1
98	30.1	8.9	48.9

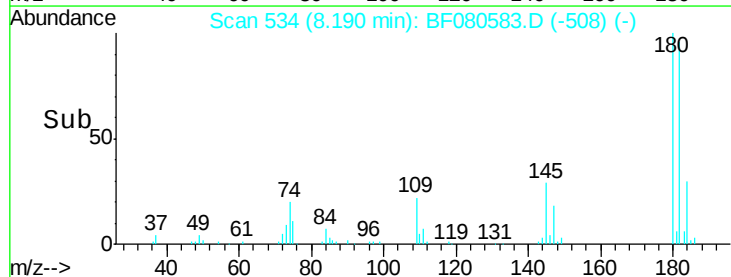
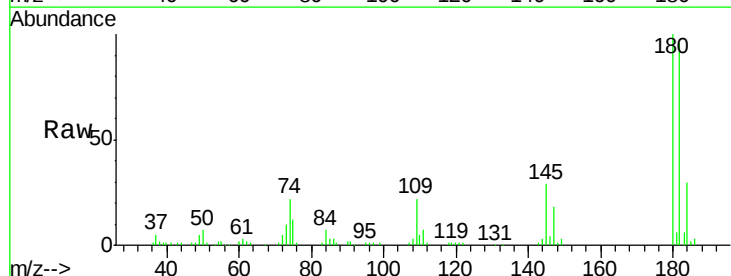
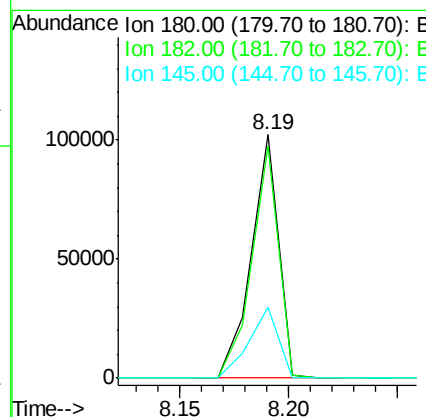
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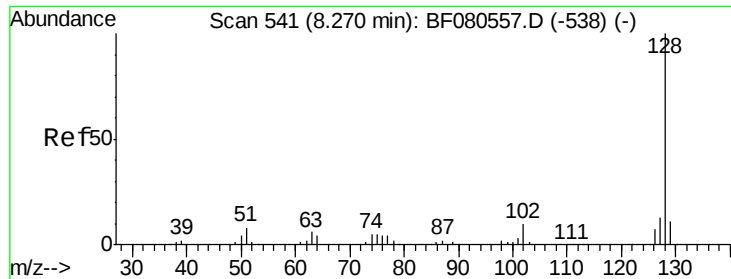
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#30
1,2,4-Trichlorobenzene
Concen: 33.31 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	79.0	118.4
145	28.8	22.0	33.0





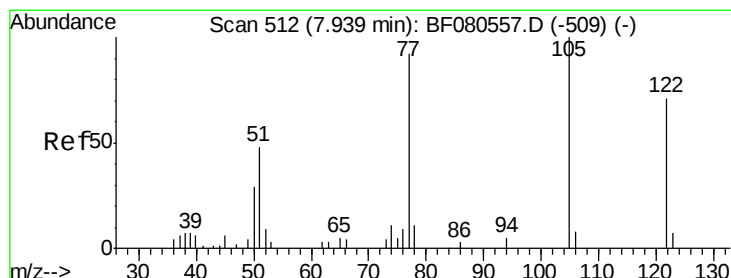
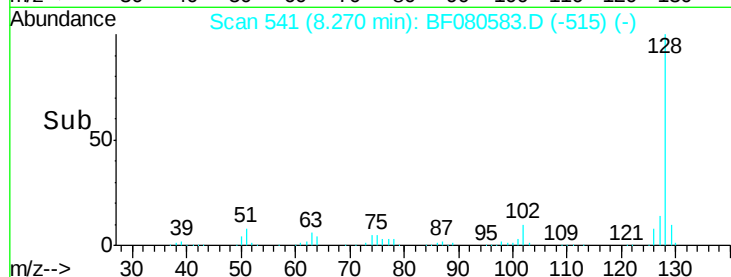
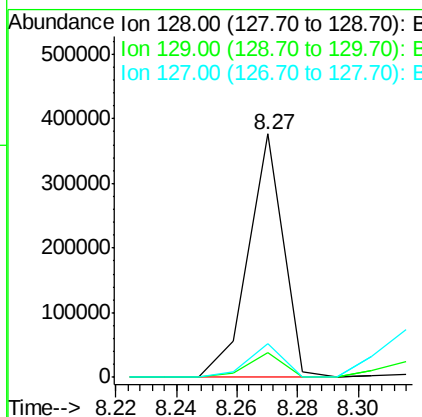
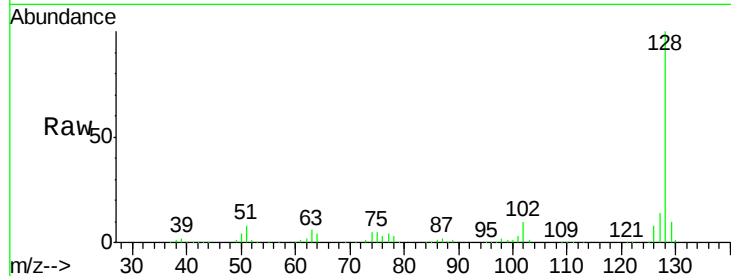
#31
Naphthalene
Concen: 35.53 ng m
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.4	8.6	13.0
127	13.6	10.7	16.1

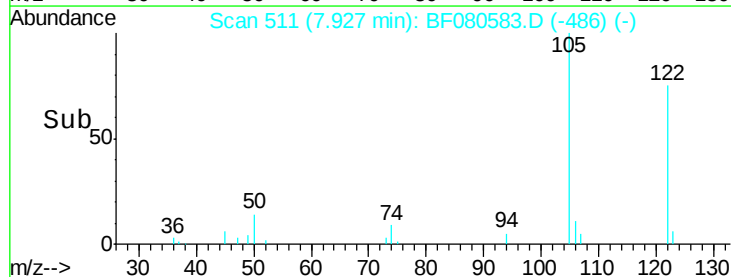
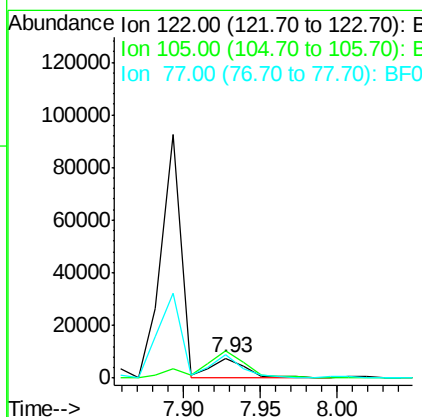
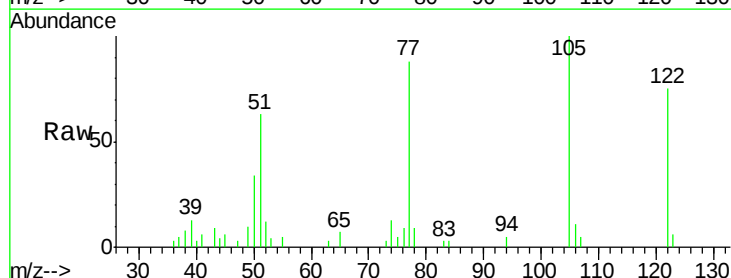
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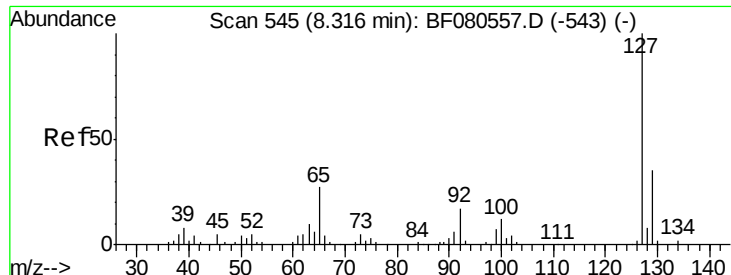
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#32
Benzoic acid
Concen: 23.46 ng m
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	133.0	112.5	152.5
77	116.7	102.5	142.5





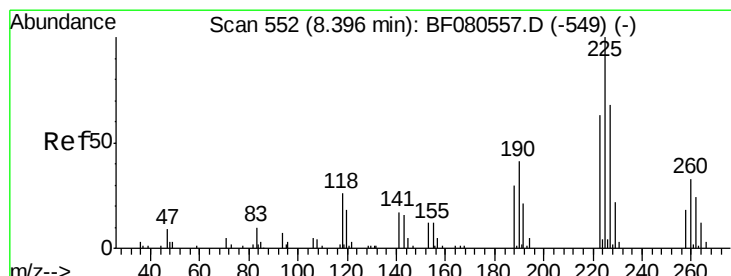
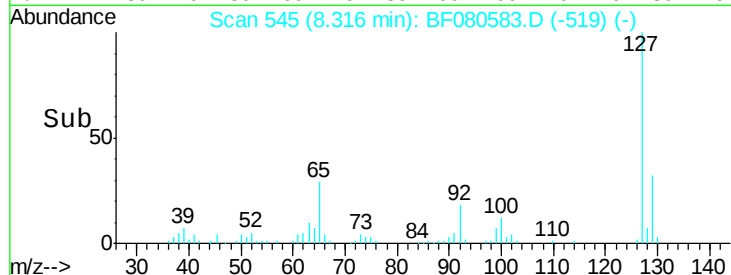
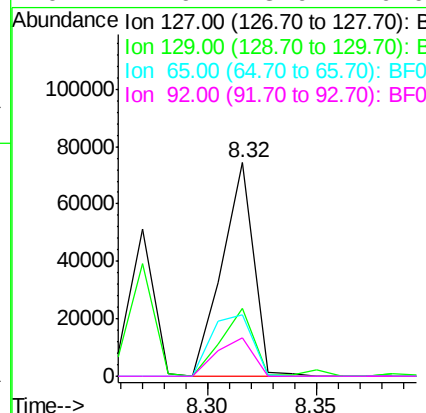
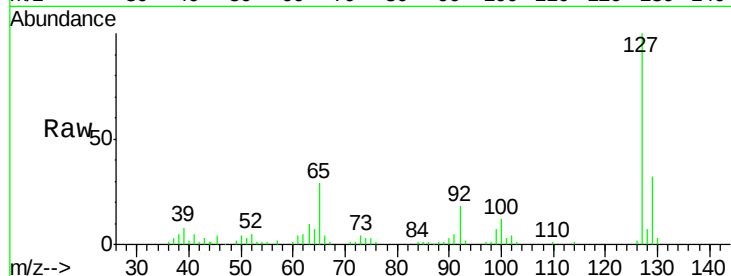
#33
4-Chloroaniline
Concen: 22.93 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion:	127	Resp:	74872
Ion Ratio	Lower	Upper	
127	100		
129	31.6	27.8	41.6
65	29.0	21.2	31.8
92	17.9	13.9	20.9

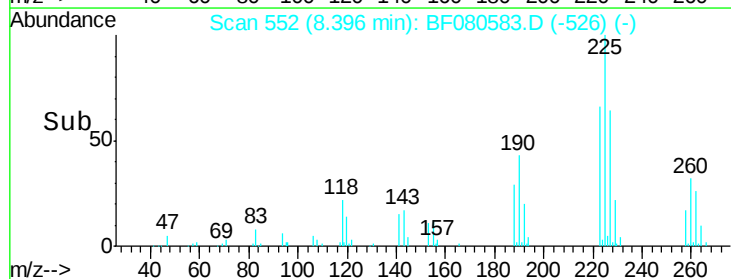
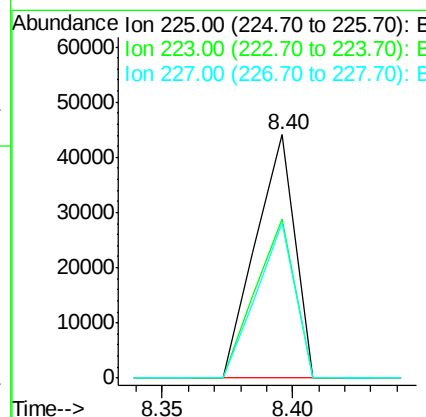
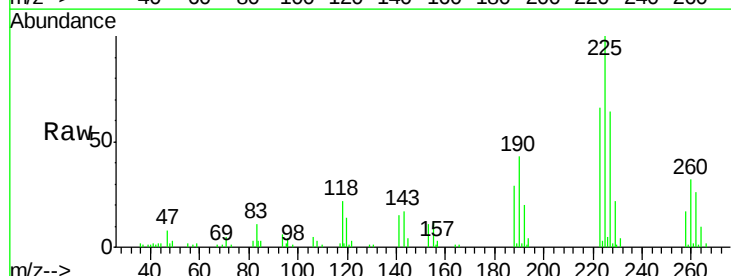
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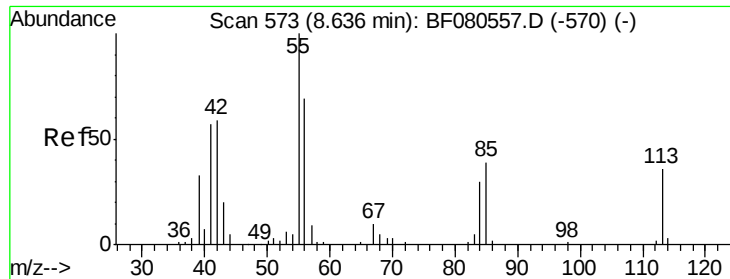
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#34
Hexachlorobutadiene
Concen: 29.61 ng
RT: 8.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion:	225	Resp:	45842
Ion Ratio	Lower	Upper	
225	100		
223	65.5	50.3	75.5
227	64.0	54.5	81.7





#35

Caprolactam

Concen: 6.28 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

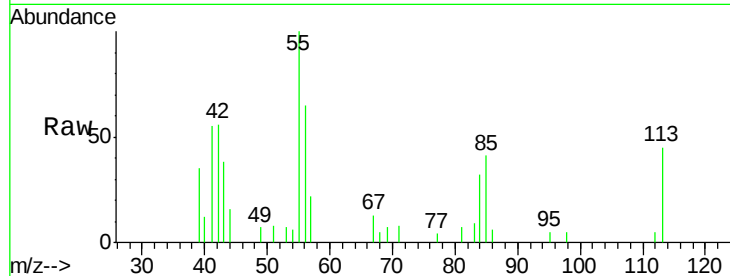
ClientSampleId :

MW-2MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	221.5	259.3	299.3#
56	145.1	171.6	211.6#

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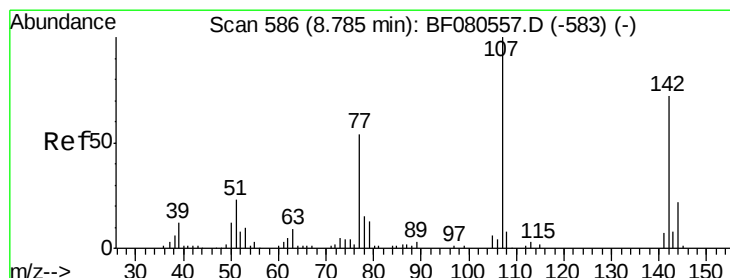
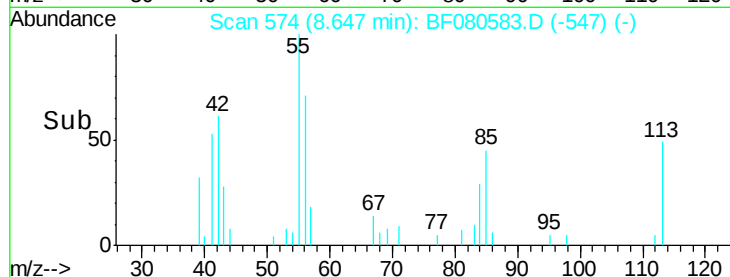
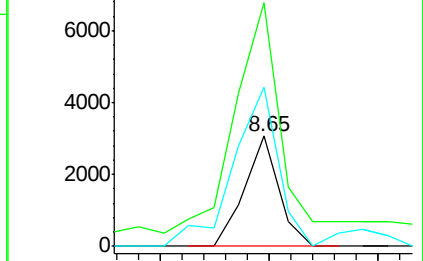
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.28 ng

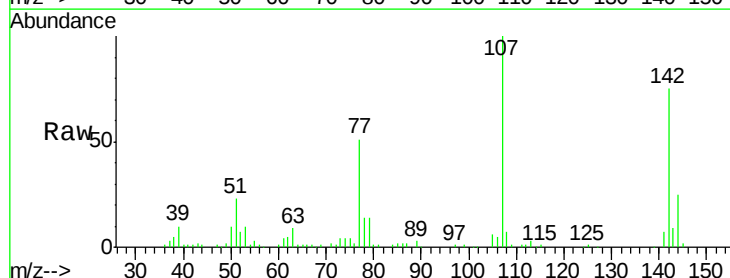
RT: 8.78 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

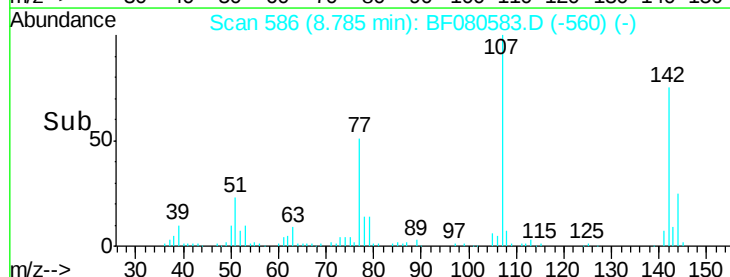
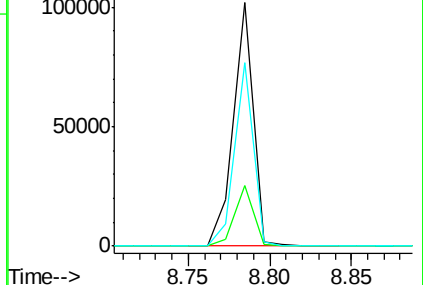
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	17.7	26.5
142	75.1	57.7	86.5

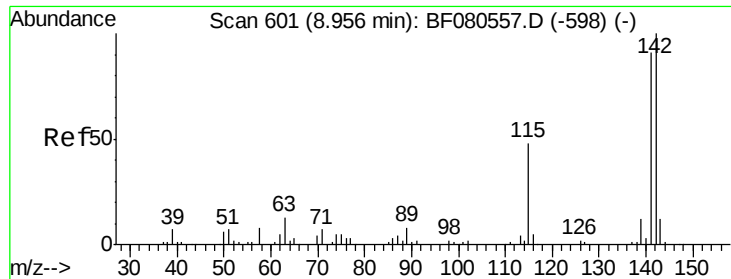


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





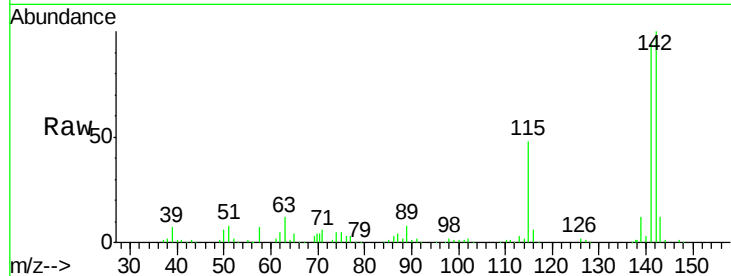
#37
2-Methylnaphthalene
Concen: 38.04 ng
RT: 8.96 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

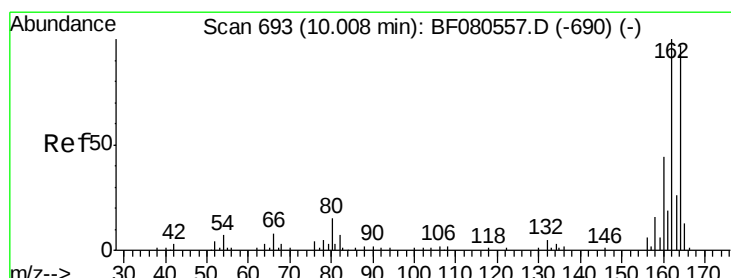
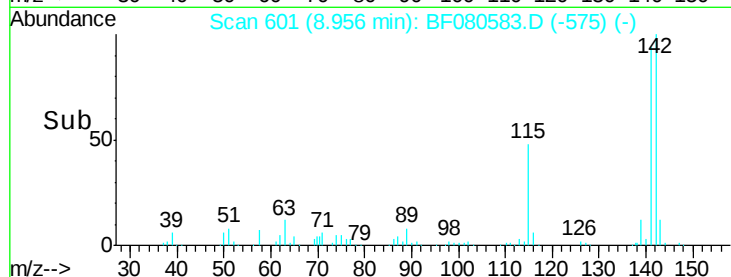
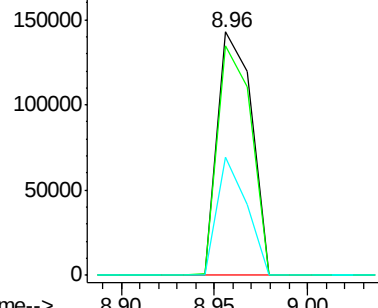
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	180743		
141	94.5	72.6	109.0	
115	48.5	38.2	57.2	

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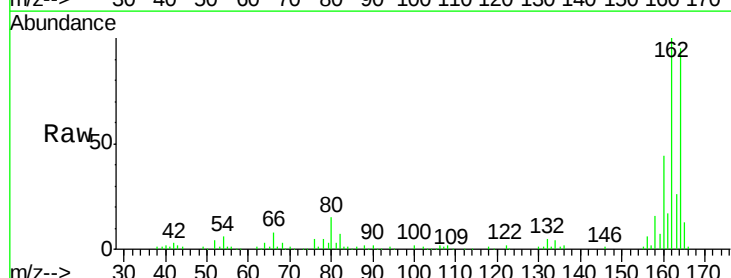


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

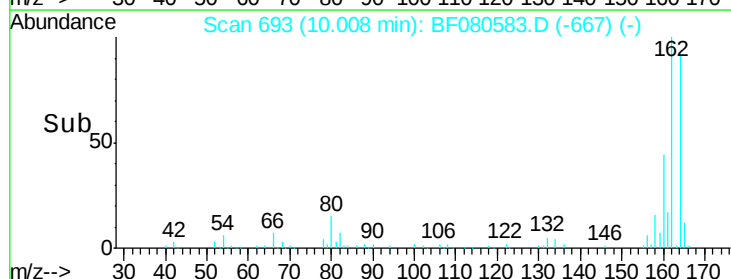
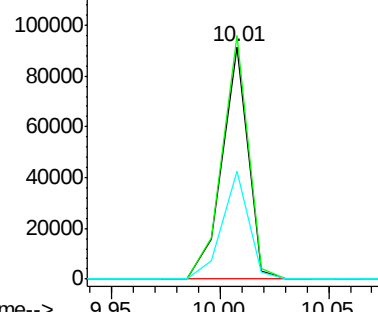


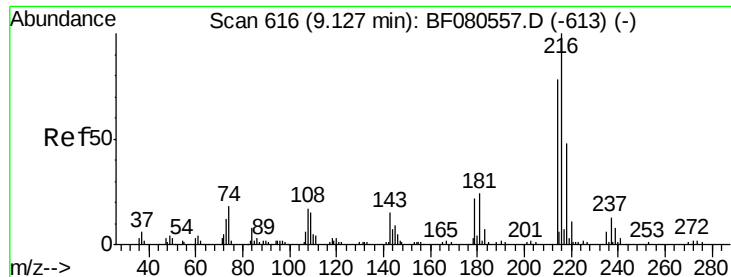
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75949		
162	104.7	82.2	123.4	
160	46.6	36.1	54.1	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





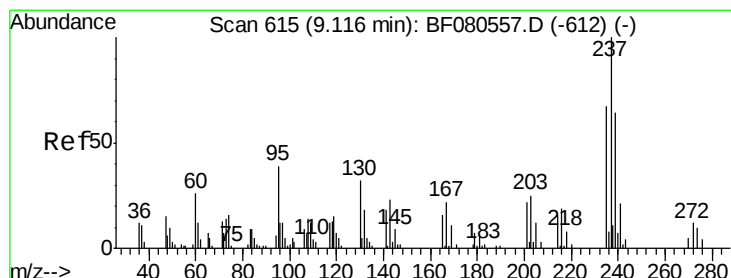
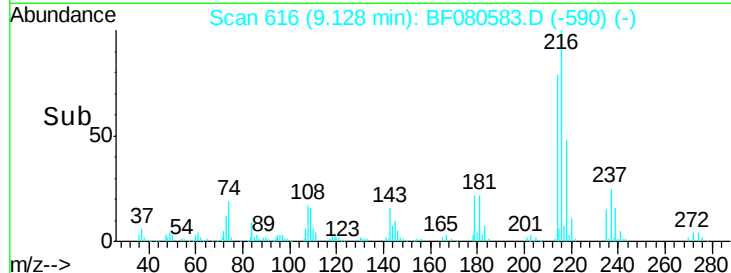
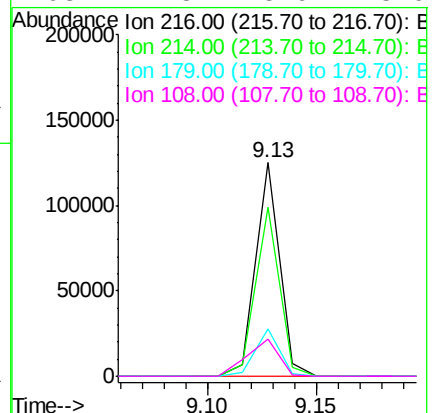
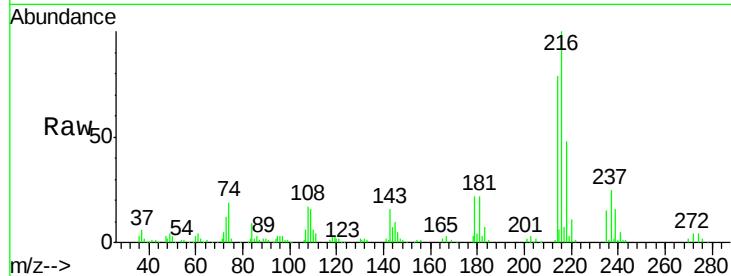
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.76 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	95709		
214	79.2	62.6	93.8	
179	22.7	18.0	27.0	
108	22.8	15.9	23.9	

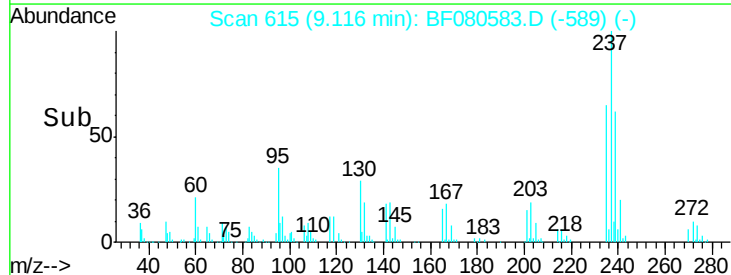
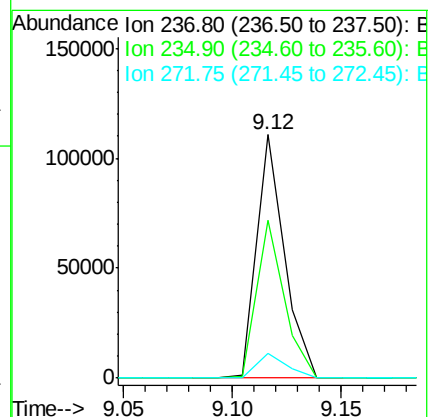
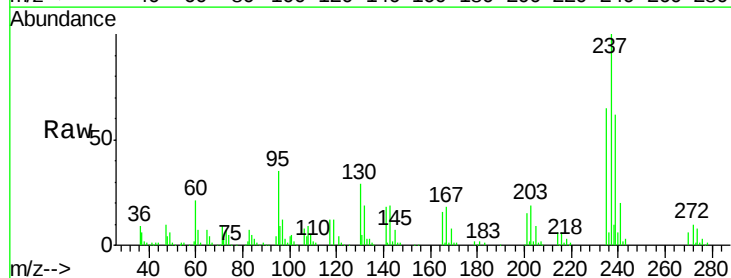
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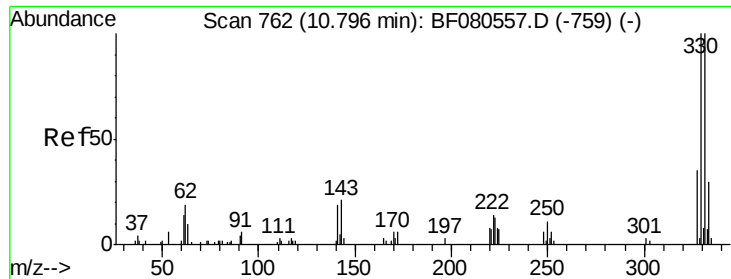
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#40
 Hexachlorocyclopentadiene
 Concen: 87.52 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	98182		
235	64.9	47.3	87.3	
272	10.1	0.0	31.5	





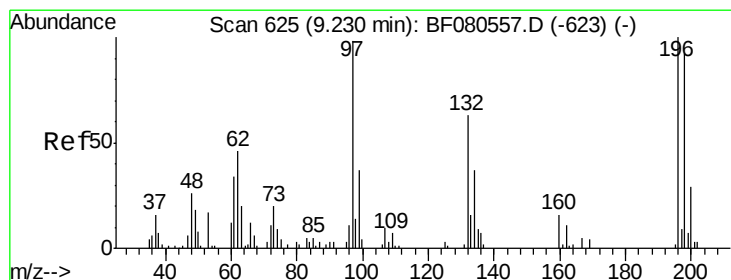
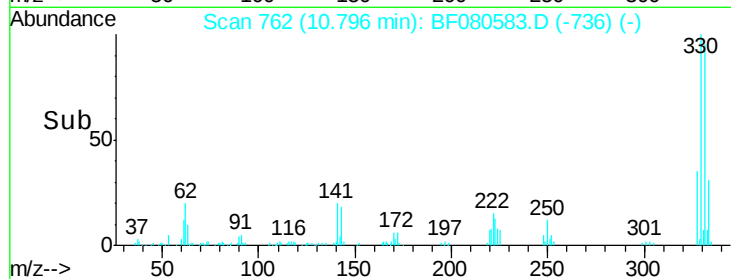
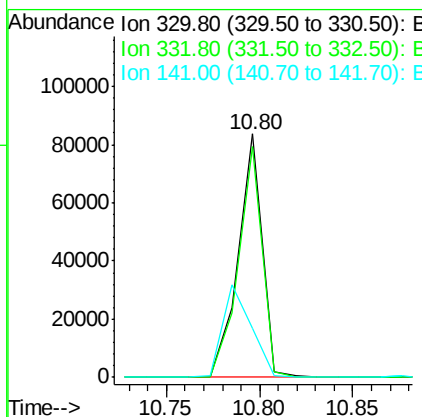
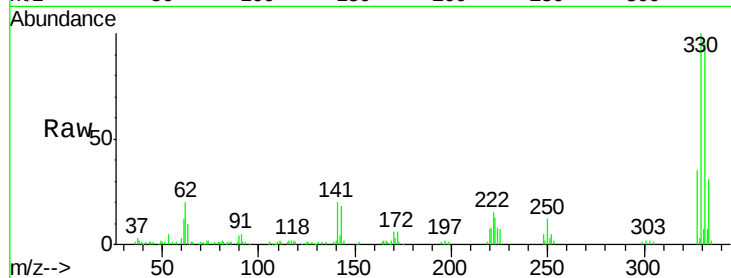
#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 10.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	75322		
332	94.5	78.3	117.5	
141	45.5	37.9	56.9	

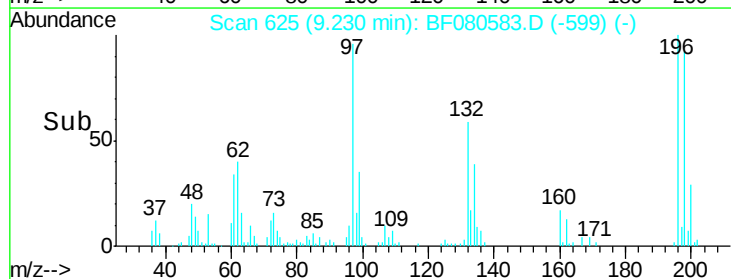
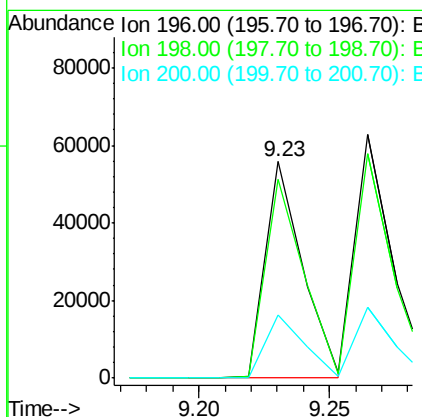
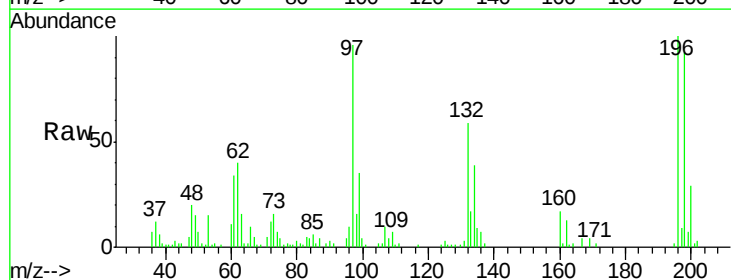
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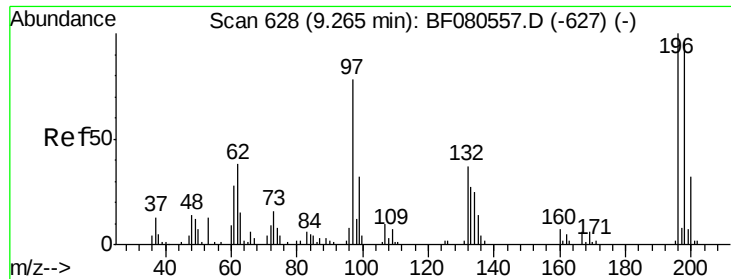
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#42
 2,4,6-Trichlorophenol
 Concen: 43.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

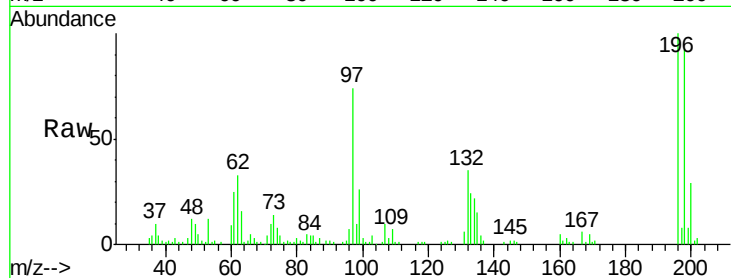
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55634		
198	91.8	73.9	110.9	
200	29.3	23.4	35.0	





#43
 2,4,5-Trichlorophenol
 Concen: 45.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

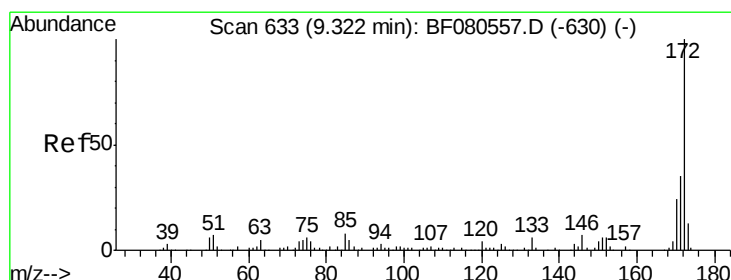
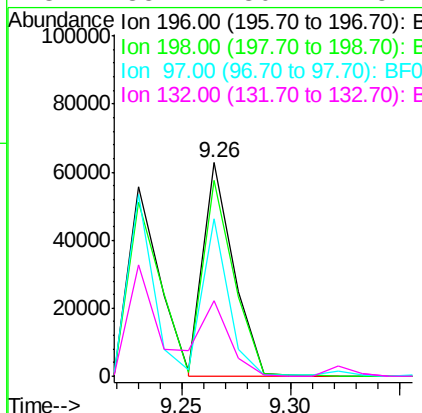
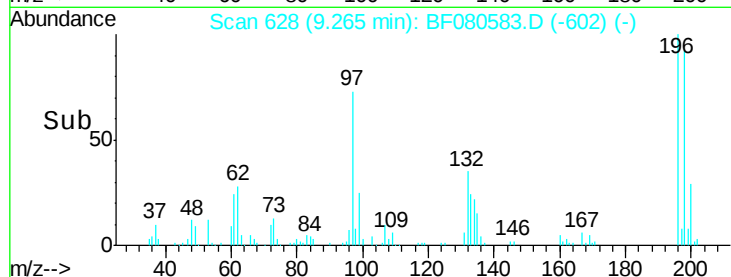
Instrument :
 BNA_F
 ClientSampleID :
 MW-2MSD



Tgt Ion:	196	Resp:	60802
Ion Ratio	Lower	Upper	
196	100		
198	91.9	76.9	115.3
97	73.7	63.0	94.4
132	35.4	30.1	45.1

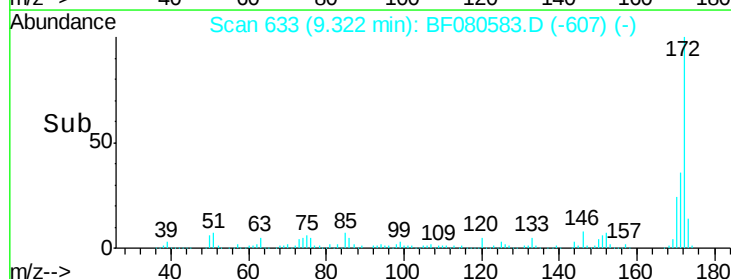
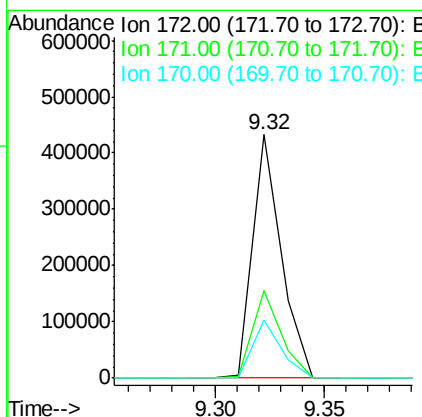
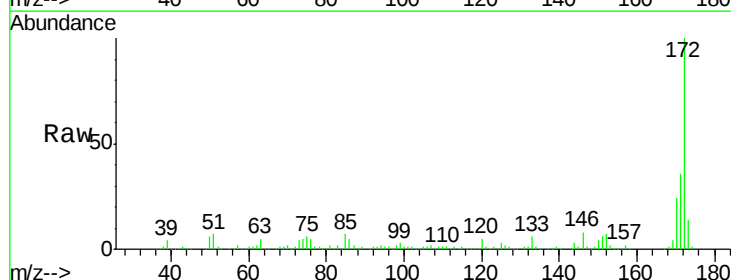
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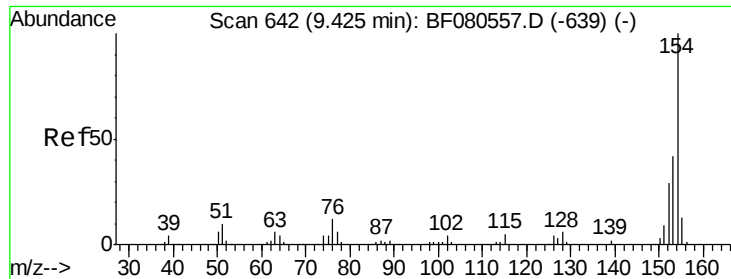
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#44
 2-Fluorobiphenyl
 Concen: 74.81 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:	172	Resp:	395125
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.7	41.5
170	23.9	19.1	28.7





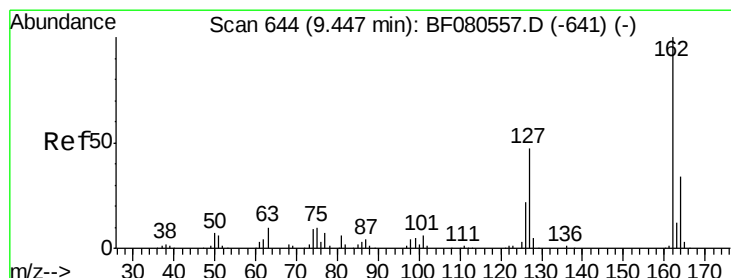
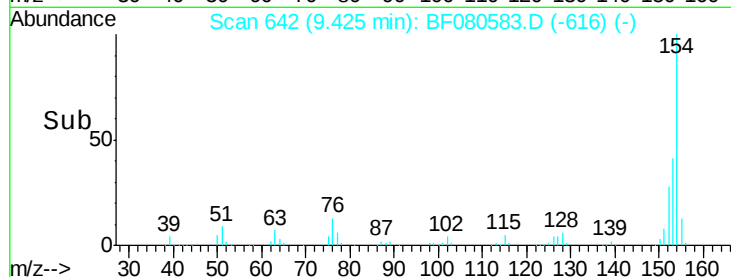
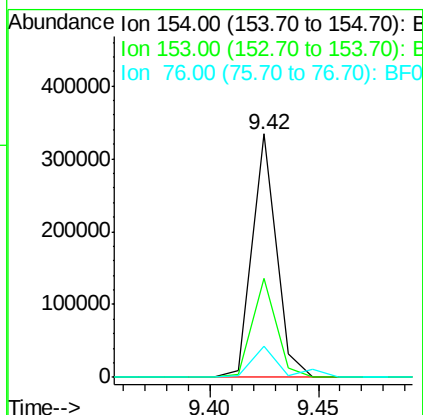
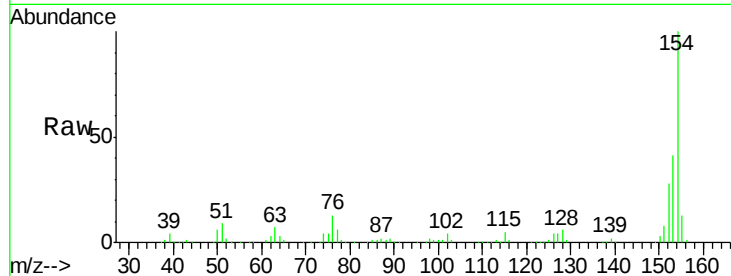
#45
 1,1'-Biphenyl
 Concen: 40.46 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.6	21.8	61.8
76	12.6	0.0	32.1

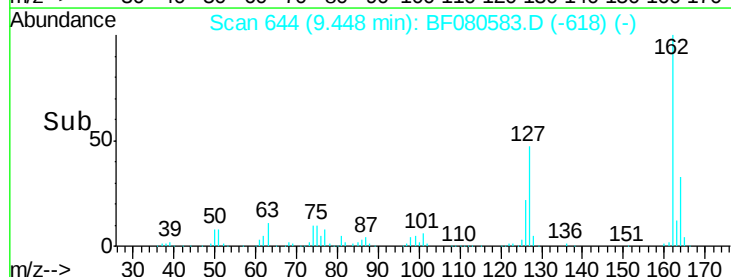
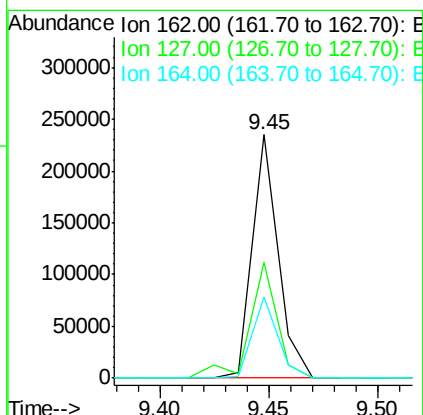
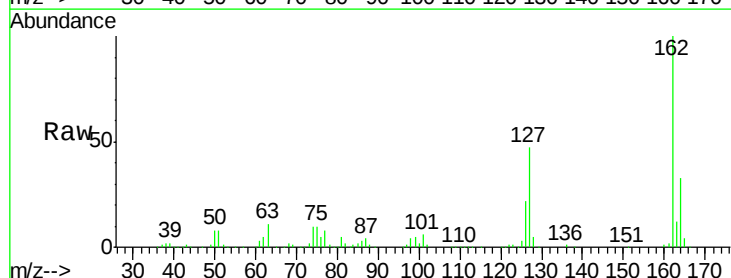
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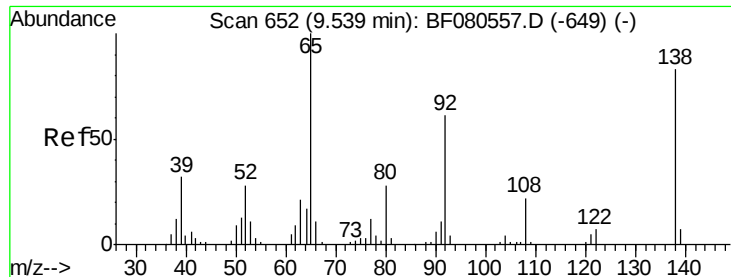
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#46
 2-Chloronaphthalene
 Concen: 38.40 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	47.2	37.6	56.4
164	33.1	27.4	41.0





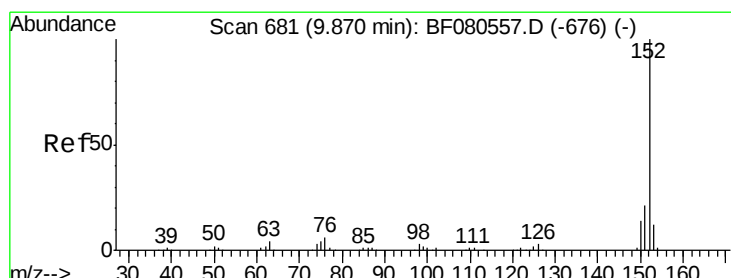
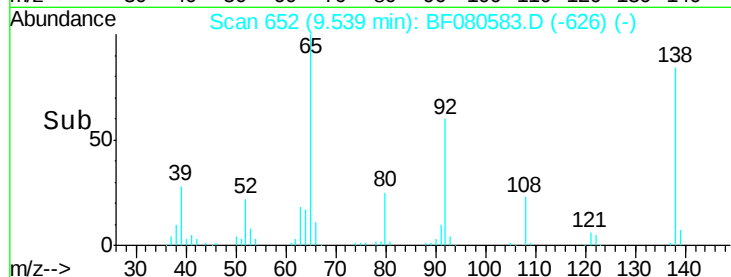
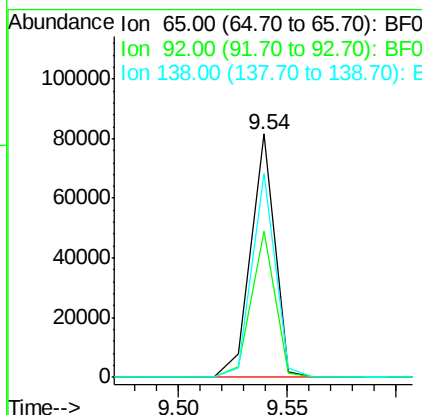
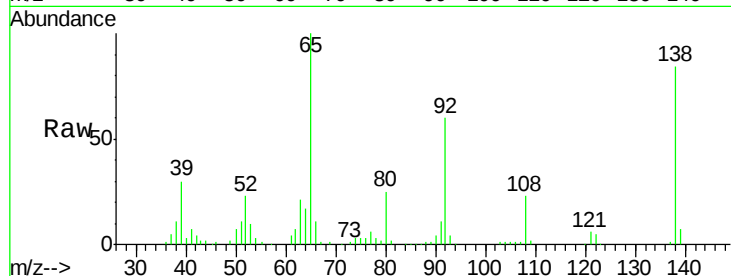
#47
2-Nitroaniline
Concen: 51.52 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion: 65 Resp: 62420
Ion Ratio Lower Upper
65 100
92 60.1 48.7 73.1
138 83.9 66.8 100.2

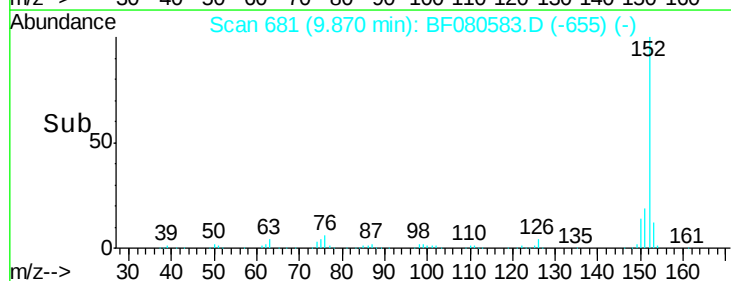
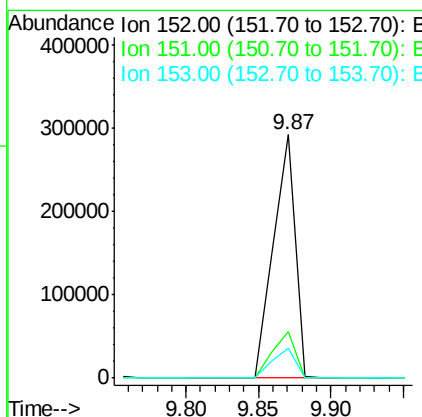
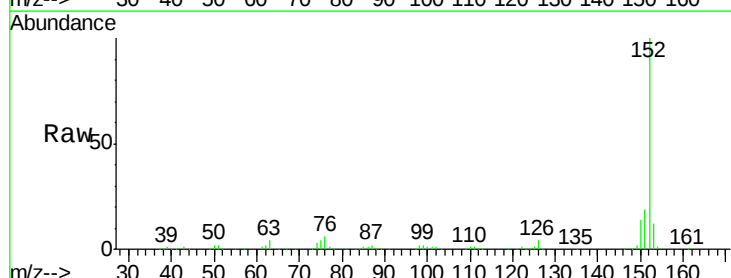
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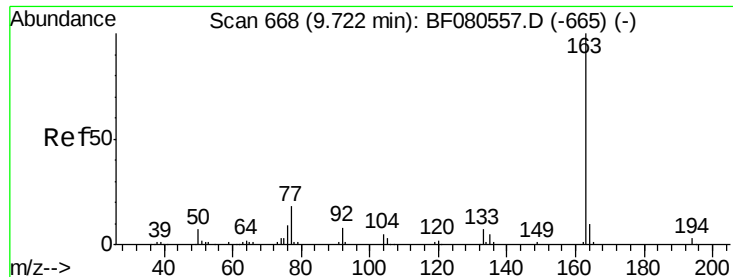
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#48
Acenaphthylene
Concen: 41.15 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion: 152 Resp: 303662
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 12.1 9.7 14.5





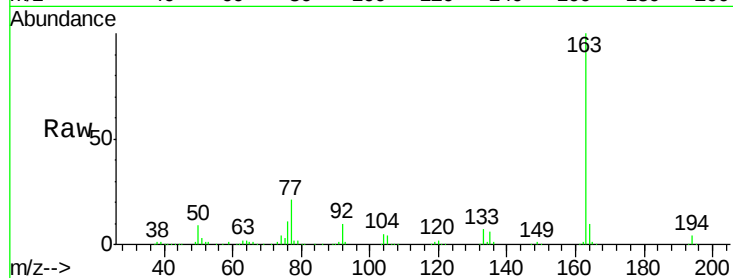
#49
Dimethylphthalate
Concen: 47.23 ng
RT: 9.72 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

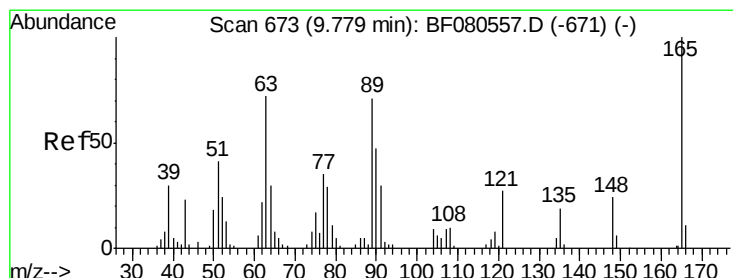
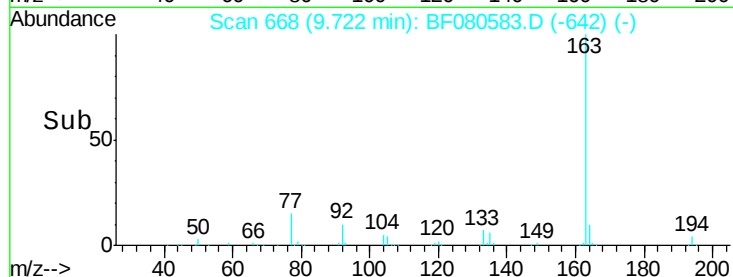
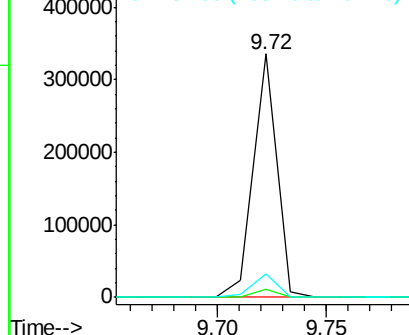
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	2.5	3.7
164	9.8	8.1	12.1

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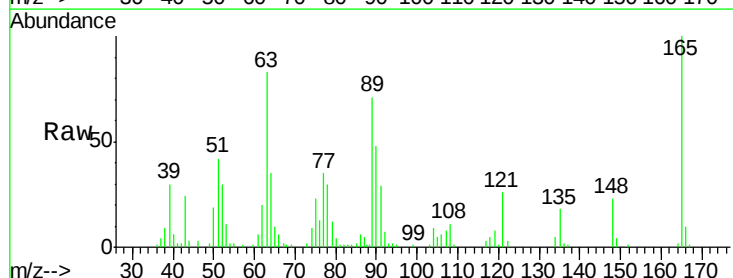


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

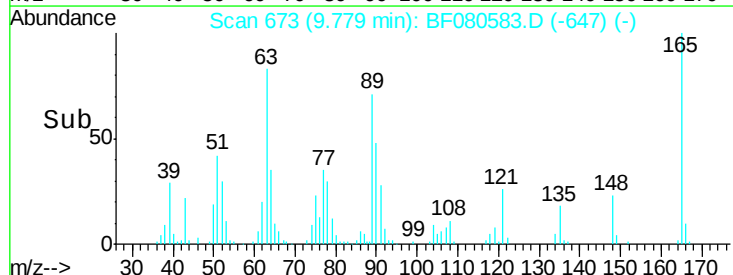
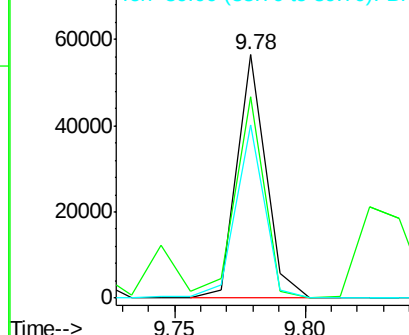


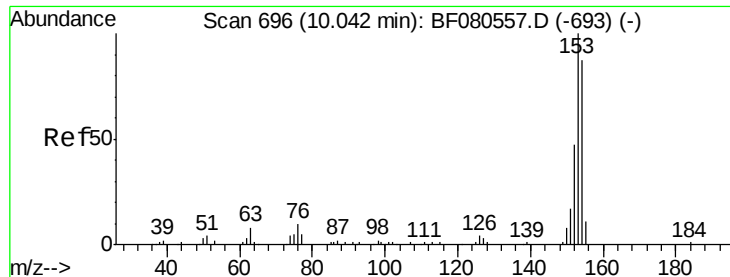
#50
2,6-Dinitrotoluene
Concen: 48.97 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	82.9	59.0	88.6
89	70.9	56.9	85.3



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





#51

Acenaphthene

Concen: 44.57 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

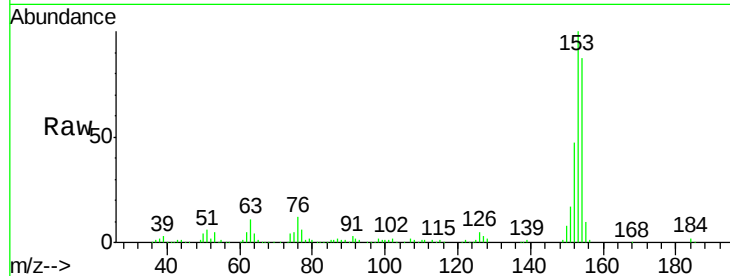
ClientSampleId :

MW-2MSD

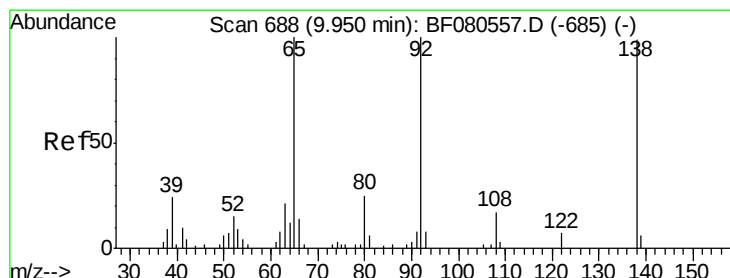
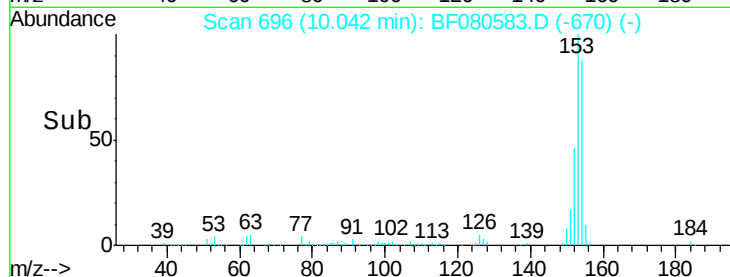
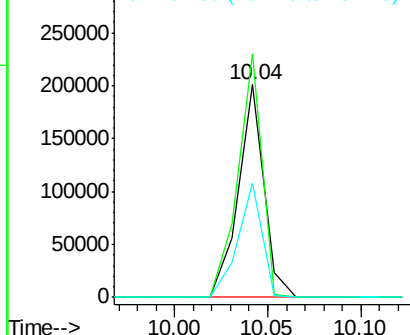
Tgt Ion:	154	Resp:	193216
Ion Ratio	Lower	Upper	
154	100		
153	114.4	92.2	138.2
152	54.0	43.6	65.4

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



#52

3-Nitroaniline

Concen: 33.91 ng

RT: 9.95 min Scan# 688

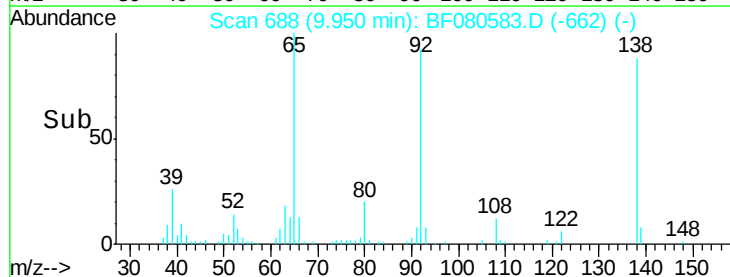
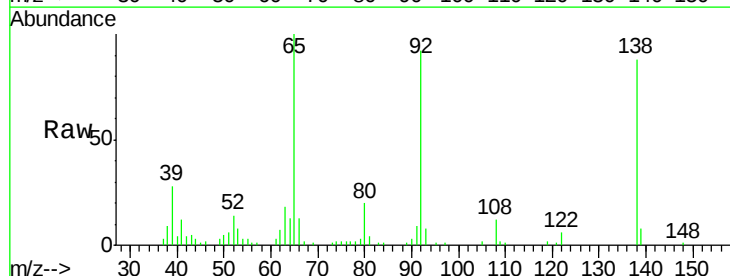
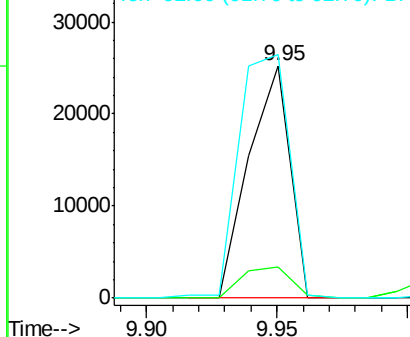
Delta R.T. 0.00 min

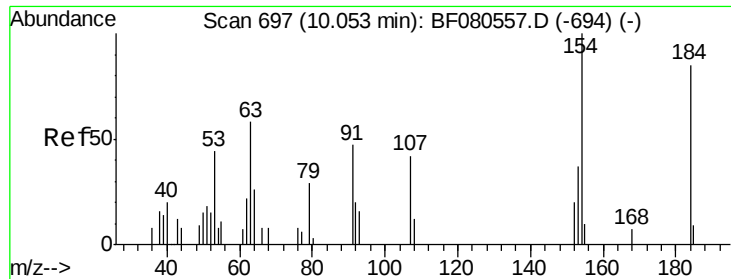
Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	138	Resp:	27944
Ion Ratio	Lower	Upper	
138	100		
108	13.5	13.7	20.5#
92	104.7	81.0	121.4

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





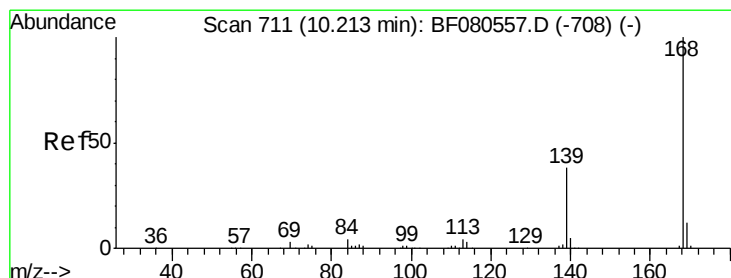
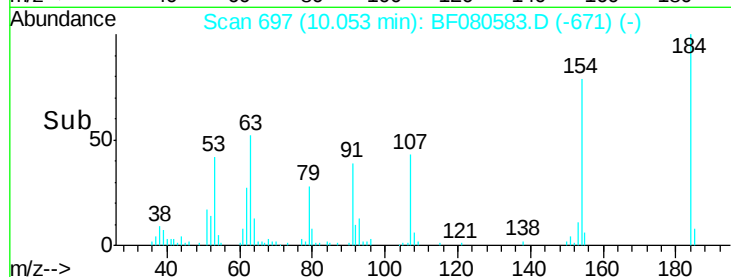
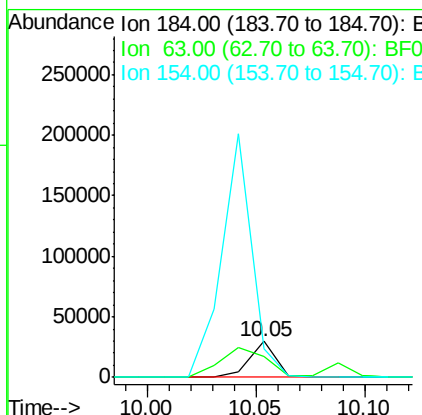
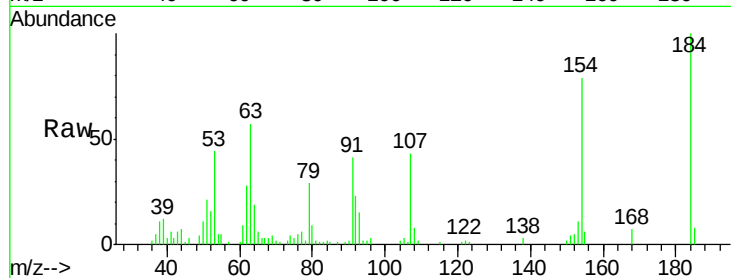
#53
 2,4-Dinitrophenol
 Concen: 103.38 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampled :
 MW-2MSD

Tgt Ion:184 Resp: 24567
 Ion Ratio Lower Upper
 184 100
 63 57.3 54.9 82.3
 154 79.4 94.2 141.4#

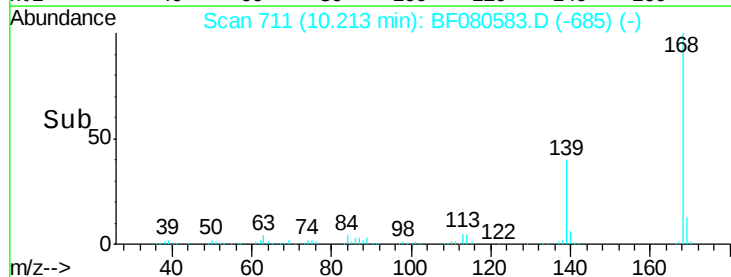
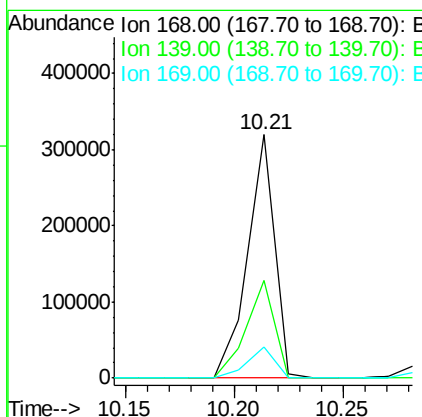
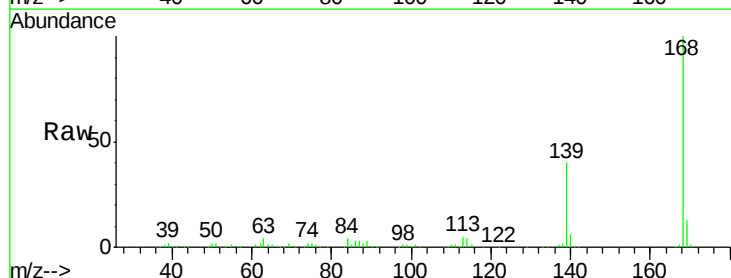
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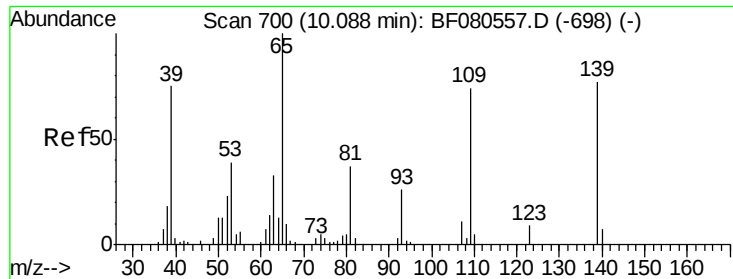
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#54
 Dibenzofuran
 Concen: 43.12 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:168 Resp: 274625
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.7 46.1
 169 12.9 9.8 14.8





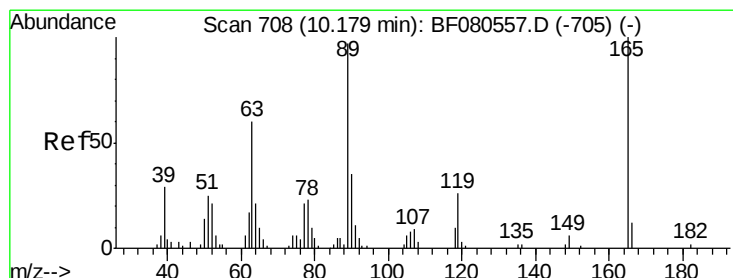
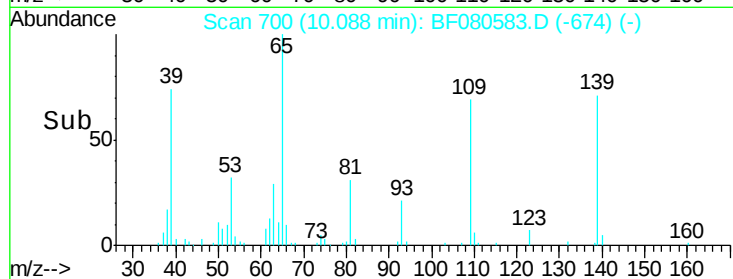
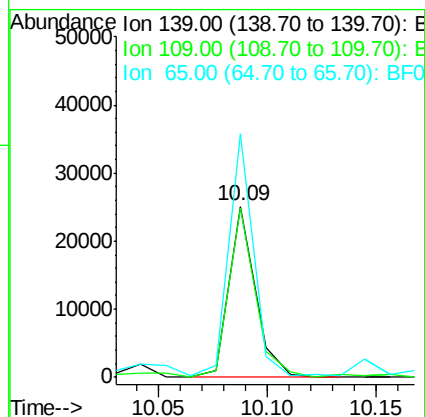
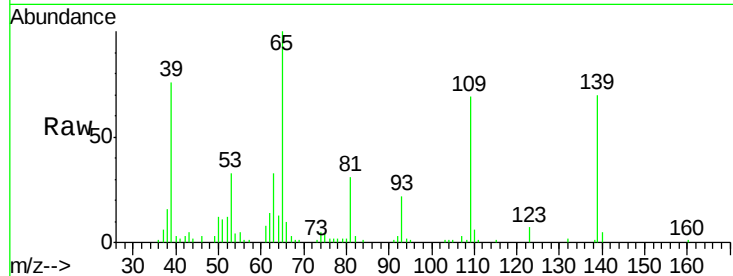
#55
4-Nitrophenol
Concen: 32.82 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	21270		
109	98.8	75.9	115.9	
65	142.3	109.4	149.4	

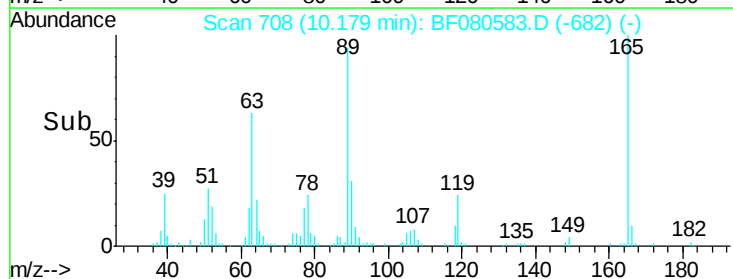
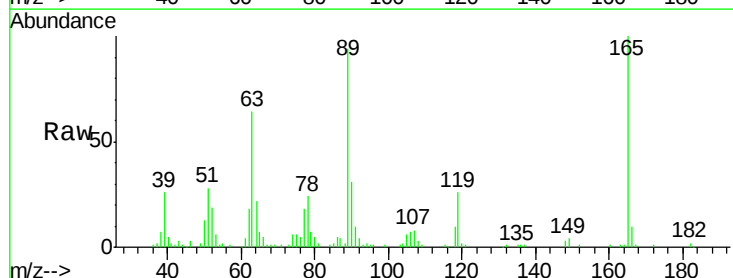
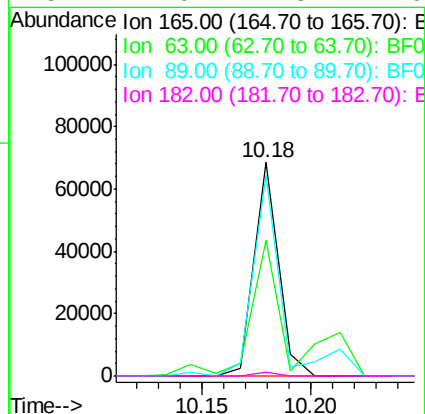
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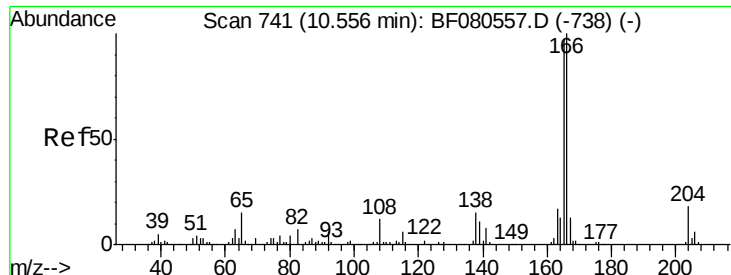
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#56
2,4-Dinitrotoluene
Concen: 51.85 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53288		
63	63.8	48.1	72.1	
89	93.8	77.4	116.0	
182	2.0	1.3	1.9#	





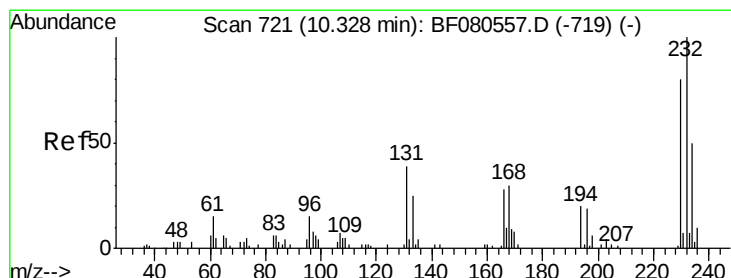
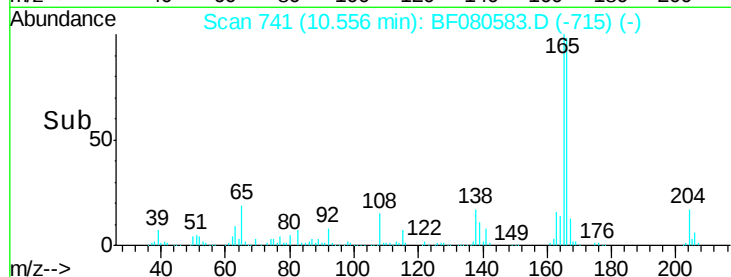
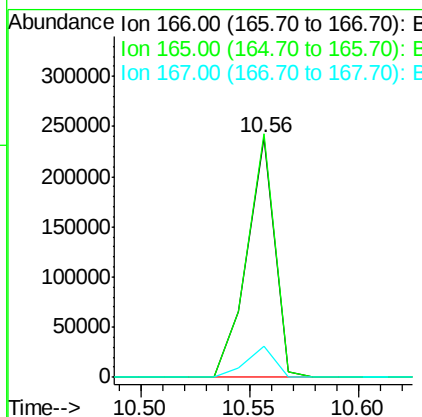
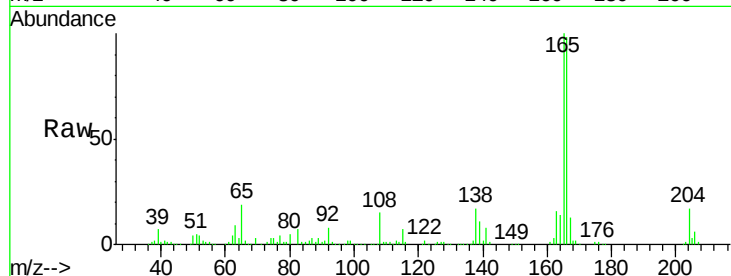
#57
Fluorene
Concen: 41.65 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	211959		
165	101.7	77.7	116.5	
167	13.3	10.5	15.7	

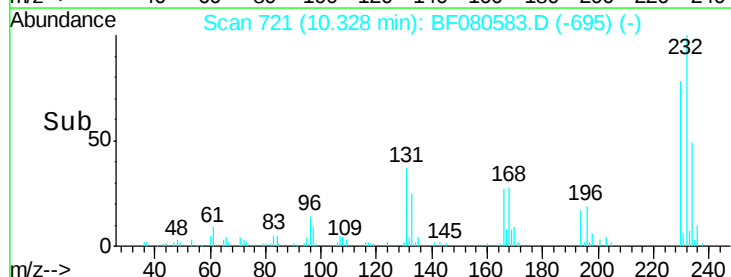
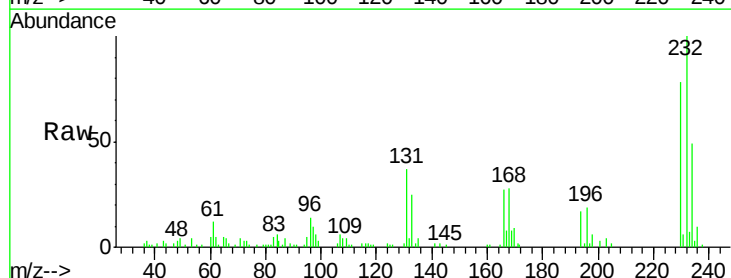
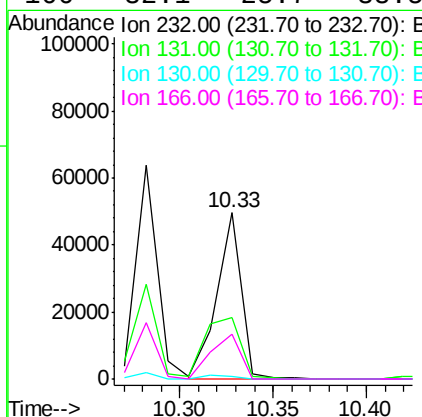
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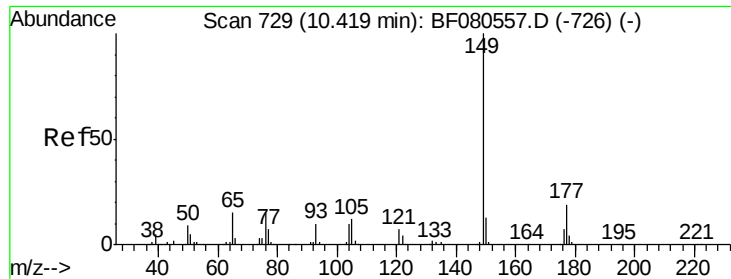
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#58
2,3,4,6-Tetrachlorophenol
Concen: 42.02 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	45834		
131	53.9	41.4	62.0	
130	2.9	1.9	2.9	
166	32.1	25.7	38.5	





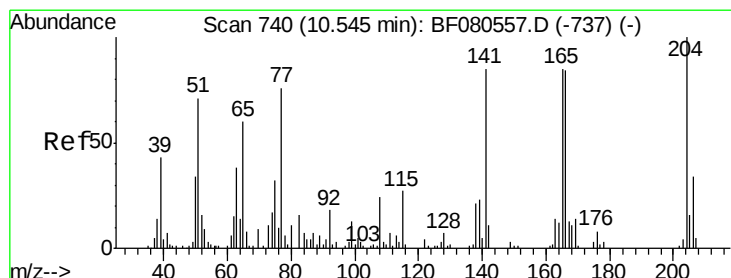
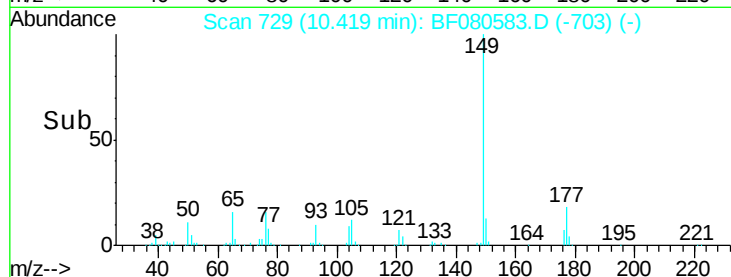
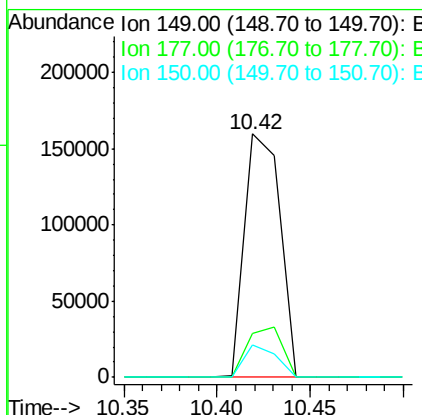
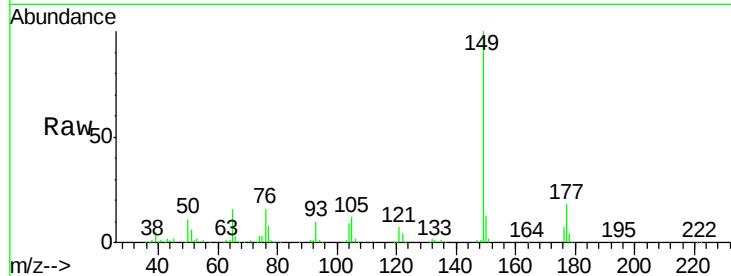
#59
Diethylphthalate
Concen: 42.71 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	210199		
177	18.3	14.9	22.3	
150	13.1	10.0	15.0	

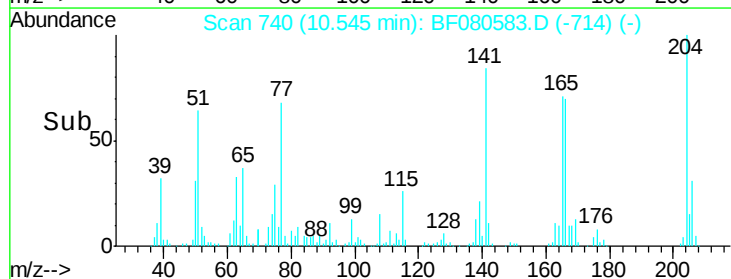
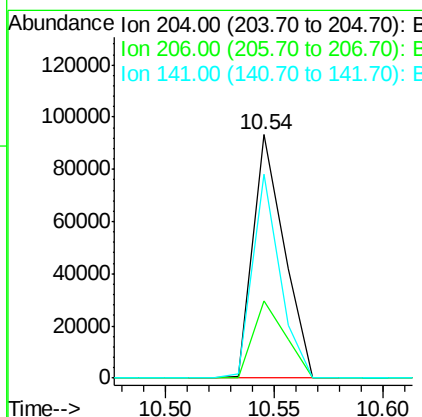
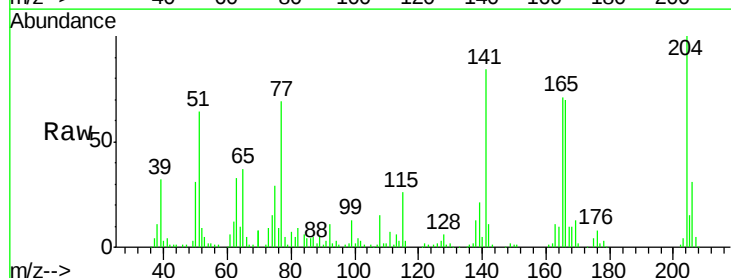
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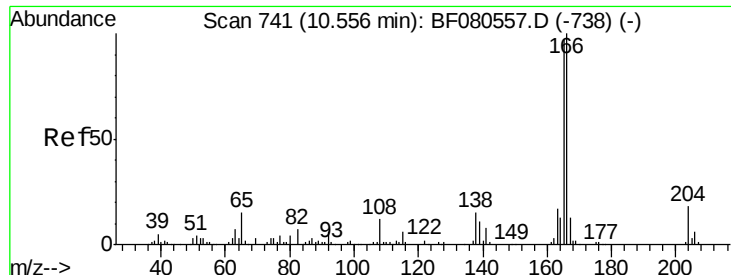
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#60
4-Chlorophenyl-phenylether
Concen: 42.51 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	93297		
206	31.5	27.1	40.7	
141	83.5	68.3	102.5	





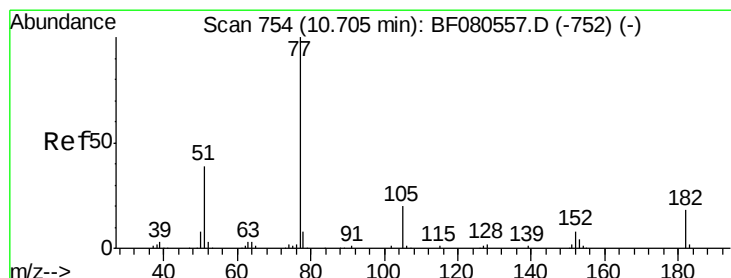
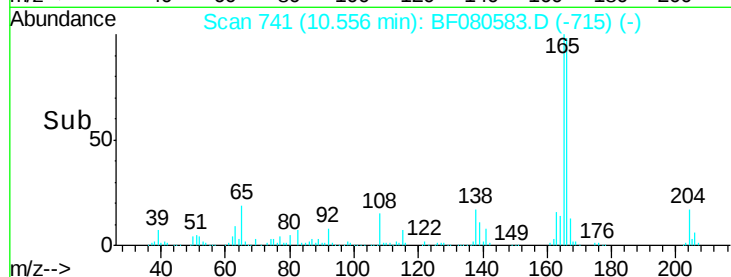
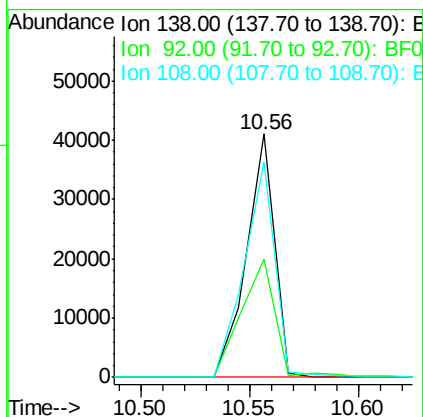
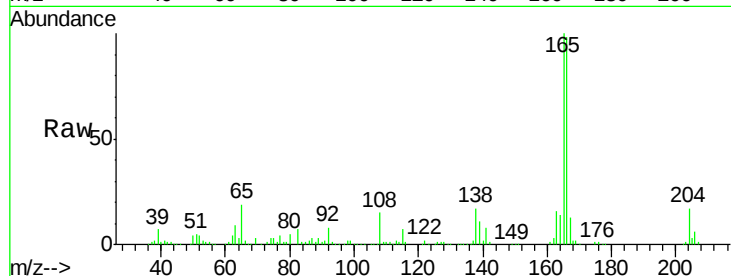
#61
4-Nitroaniline
Concen: 38.31 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampled :
MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	36614		
92	48.5	22.6	62.6	
108	88.4	62.0	102.0	

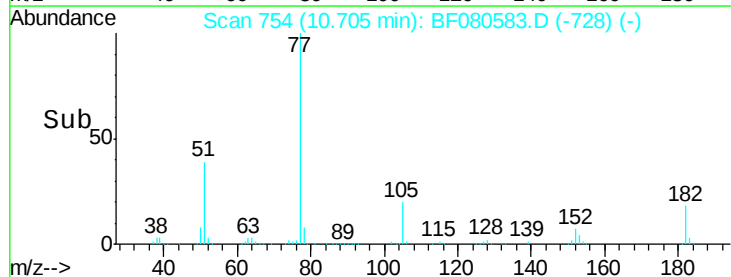
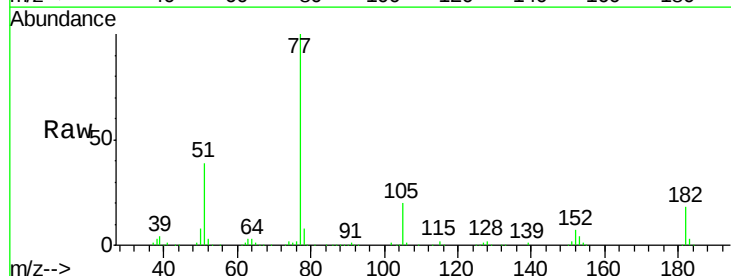
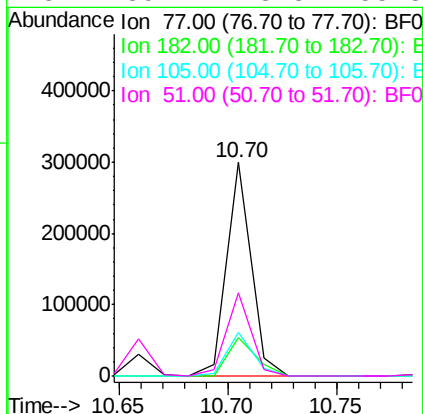
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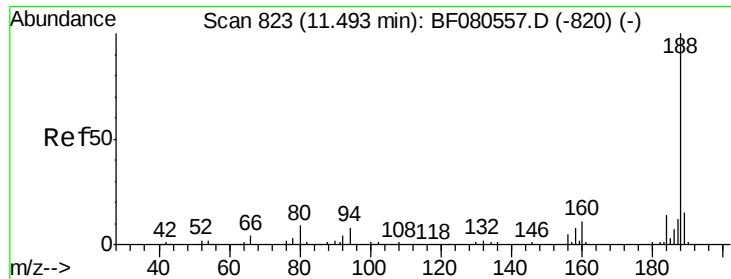
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#62
Azobenzene
Concen: 43.34 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	234927		
182	17.9	0.0	37.8	
105	20.1	0.1	40.1	
51	39.1	18.8	58.8	





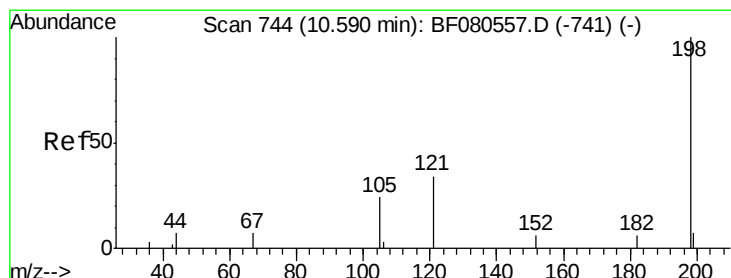
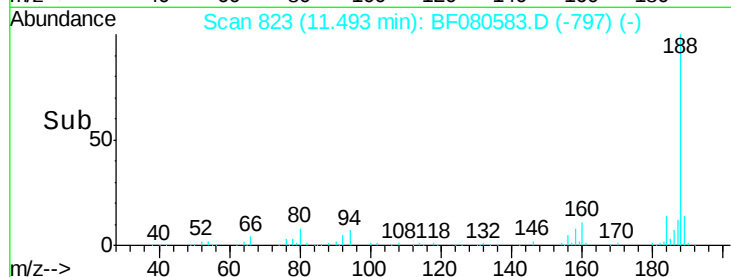
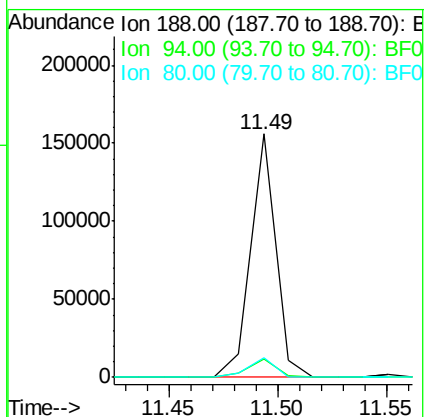
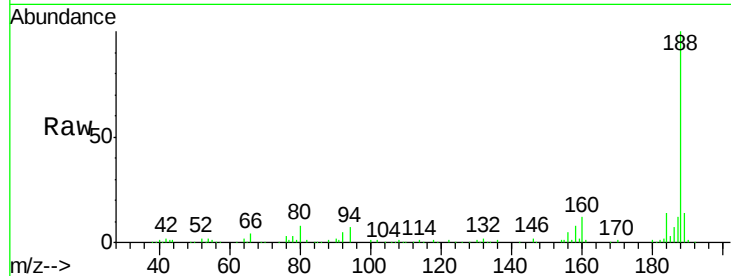
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.3	6.1	9.1
80	8.1	7.0	10.6

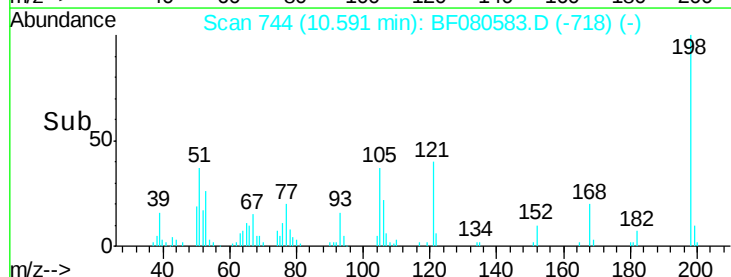
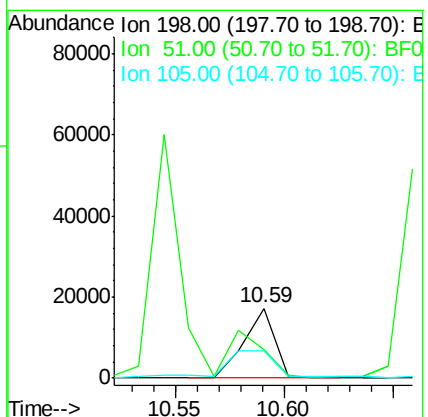
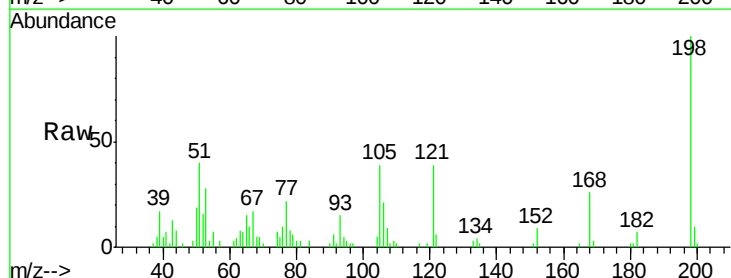
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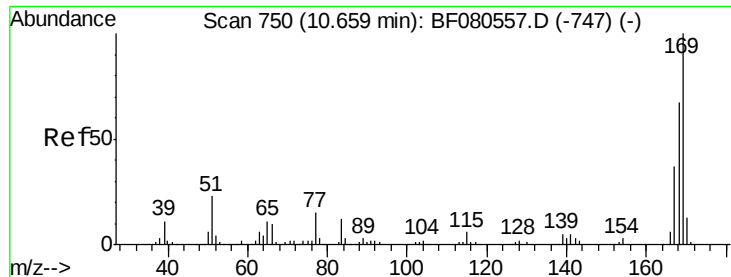
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#64
4,6-Dinitro-2-methylphenol
Concen: 62.07 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	40.0	32.0	72.0
105	39.1	16.3	56.3





#65

n-Nitrosodiphenylamine

Concen: 42.26 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

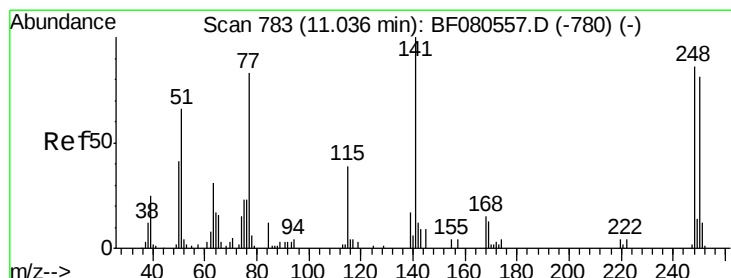
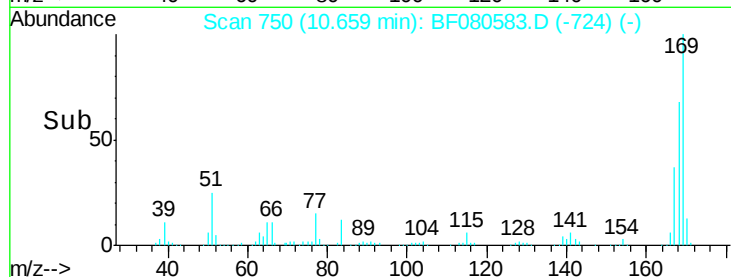
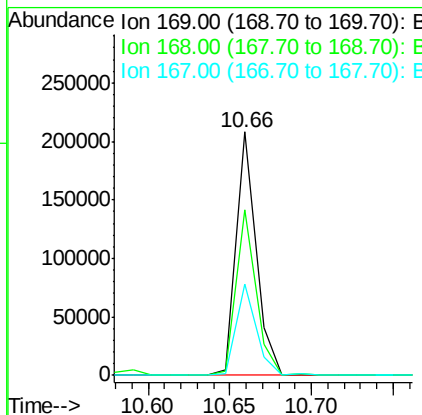
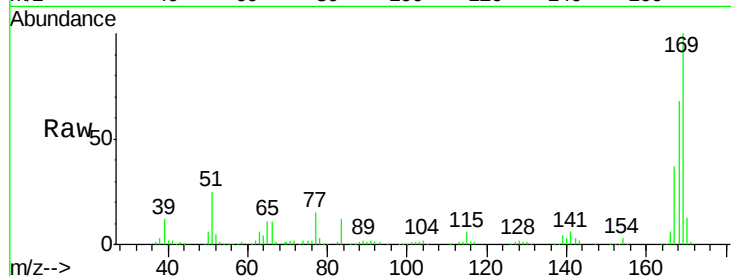
ClientSampleId :

MW-2MSD

Tgt Ion:	169	Resp:	174128
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.3	79.9
167	37.5	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 46.18 ng

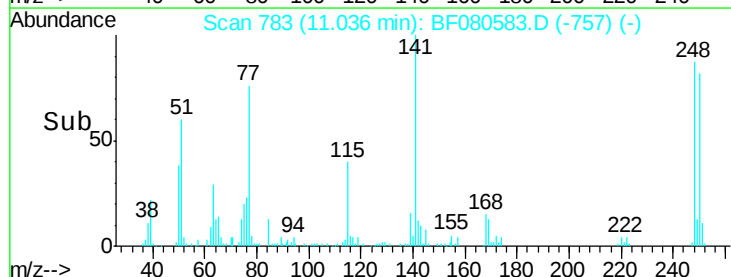
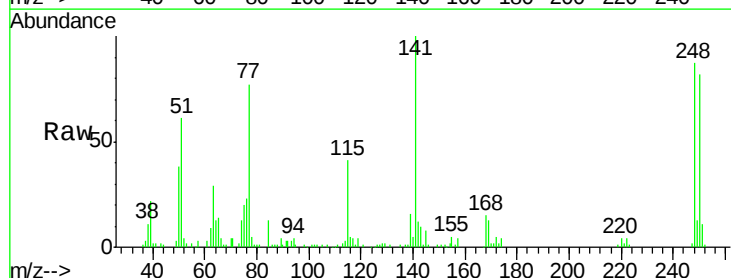
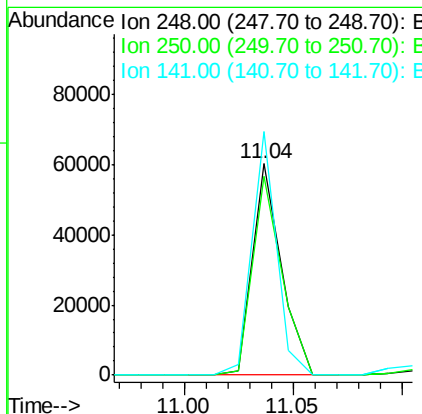
RT: 11.04 min Scan# 783

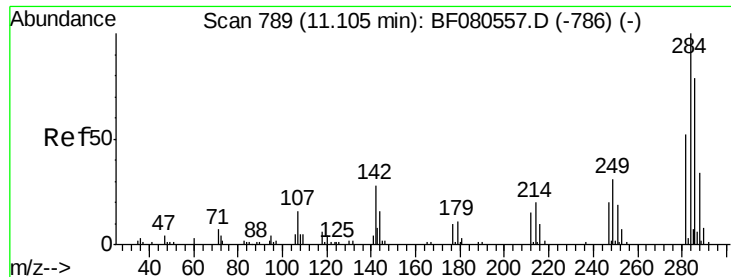
Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	248	Resp:	55548
Ion Ratio	Lower	Upper	
248	100		
250	94.1	75.4	113.2
141	115.1	93.4	140.0





#67

Hexachlorobenzene

Concen: 45.14 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF080583.D

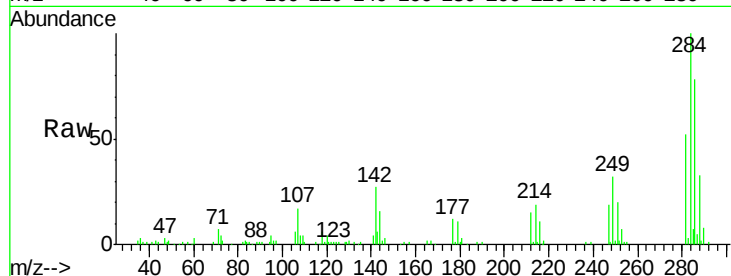
Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

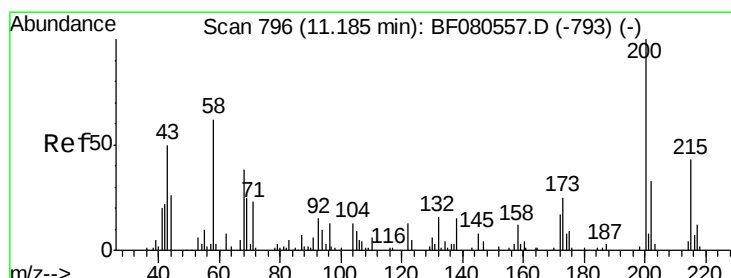
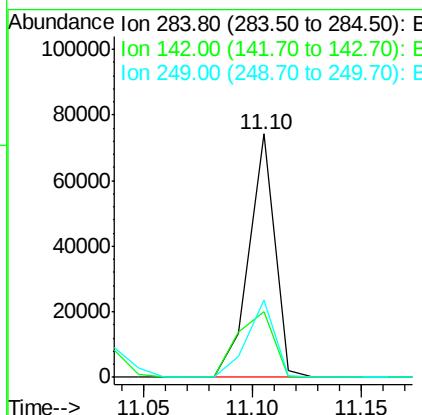
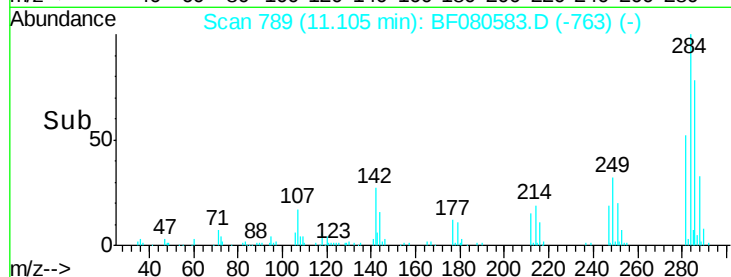
MW-2MSD



Tgt Ion:	284	Resp:	61665
Ion Ratio	Lower	Upper	
284	100		
142	26.8	22.4	33.6
249	31.6	25.0	37.4

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#68

Atrazine

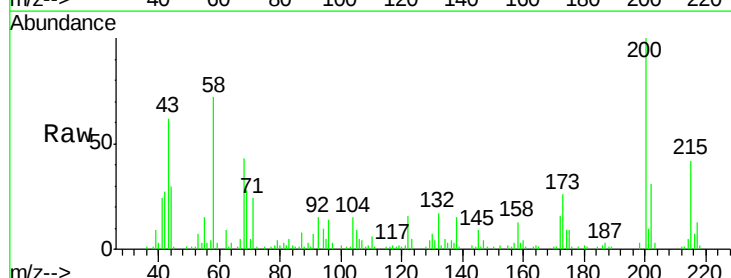
Concen: 45.01 ng

RT: 11.18 min Scan# 796

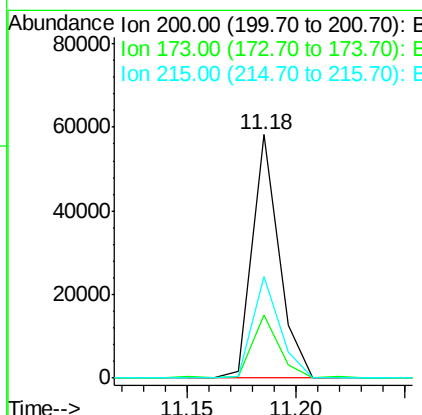
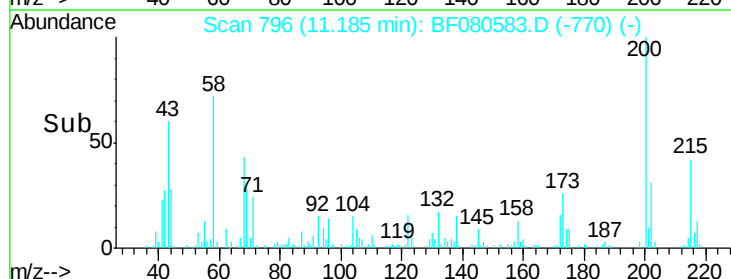
Delta R.T. 0.00 min

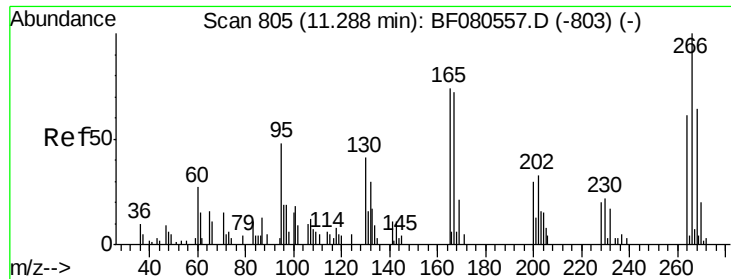
Lab File: BF080583.D

Acq: 23 Jul 2015 5:27



Tgt Ion:	200	Resp:	49752
Ion Ratio	Lower	Upper	
200	100		
173	26.1	4.6	44.6
215	41.6	22.9	62.9





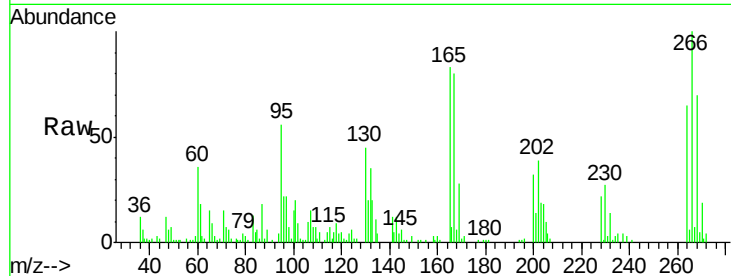
#69
 Pentachlorophenol
 Concen: 108.30 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

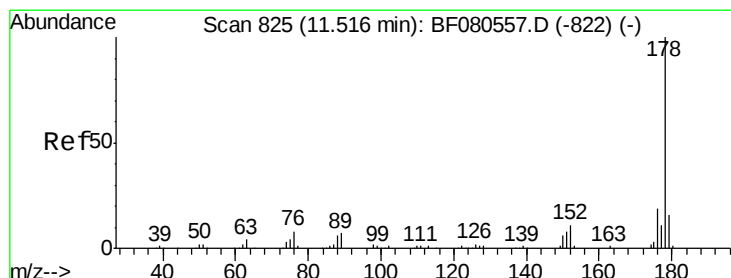
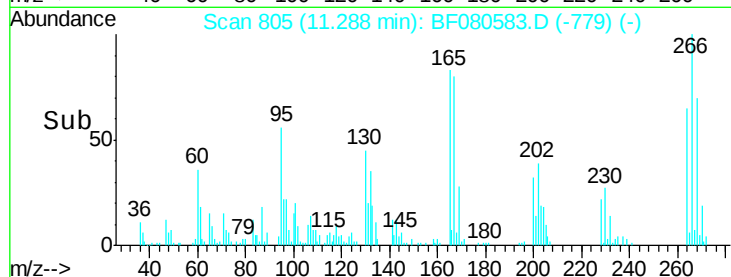
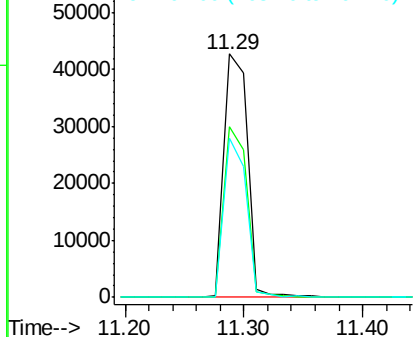
Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.0	51.5	77.3
264	65.2	48.8	73.2

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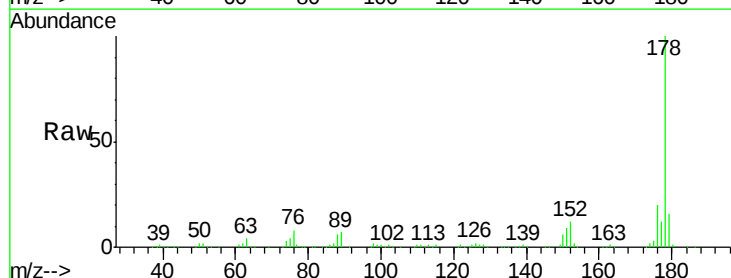


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

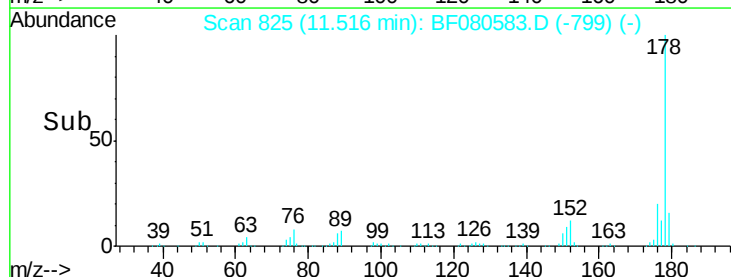
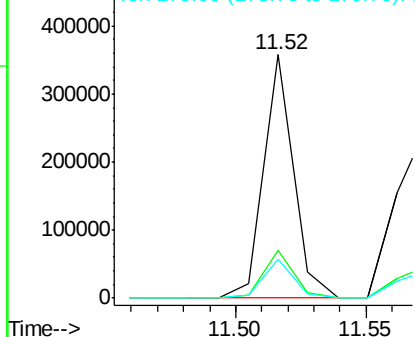


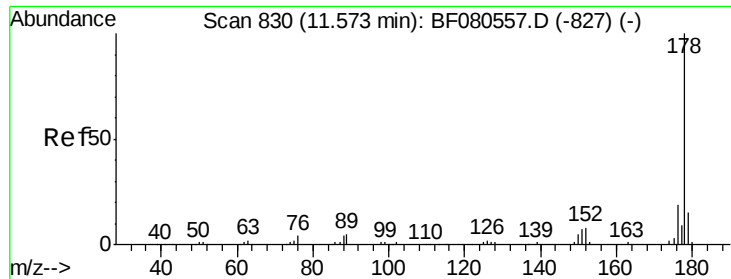
#70
 Phenanthrene
 Concen: 40.46 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.2	22.8
179	16.0	12.5	18.7



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





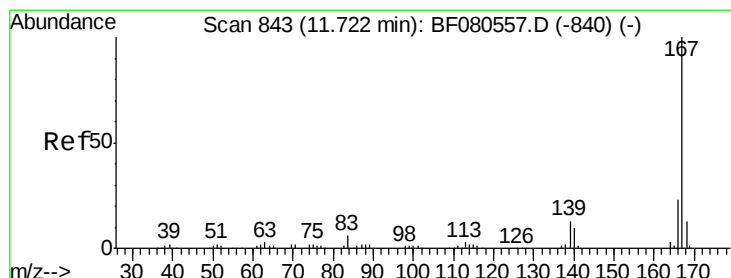
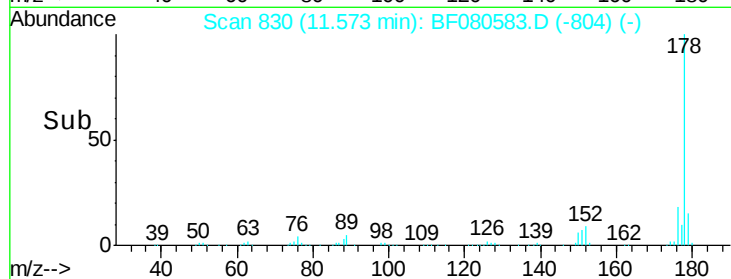
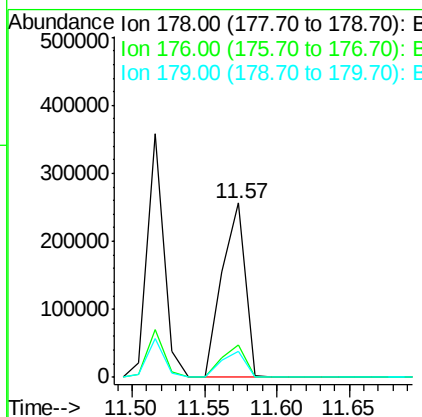
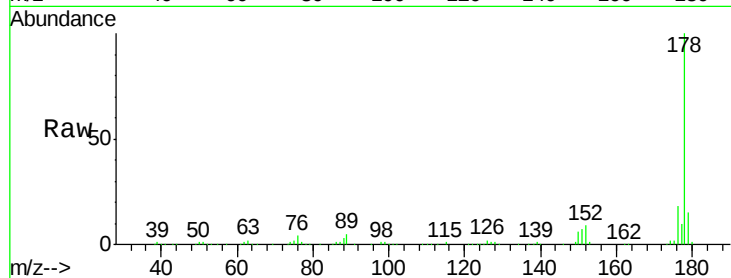
#71
 Anthracene
 Concen: 43.47 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	285398		
176	18.5	15.1	22.7	
179	15.1	12.0	18.0	

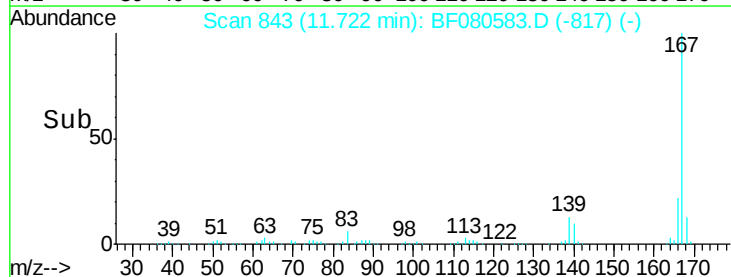
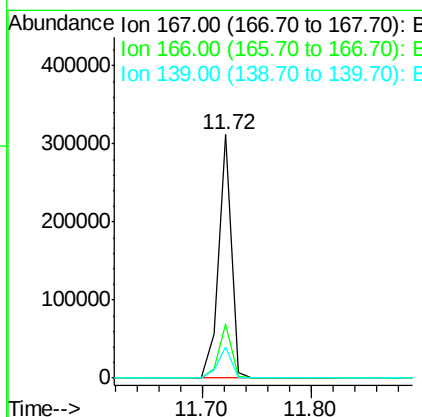
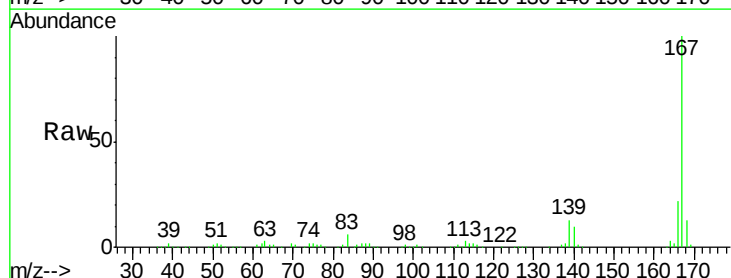
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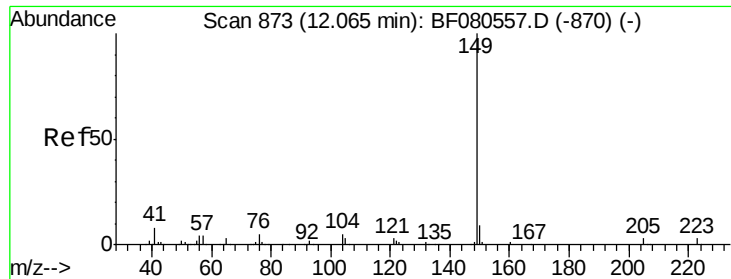
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#72
 Carbazole
 Concen: 43.58 ng
 RT: 11.72 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	259143		
166	22.4	18.1	27.1	
139	12.7	10.7	16.1	





#73

Di-n-butylphthalate

Concen: 42.99 ng

RT: 12.06 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

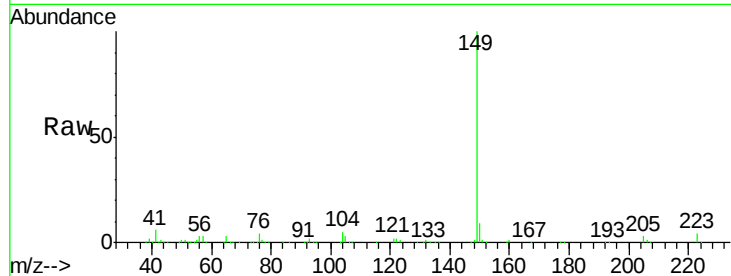
ClientSampleId :

MW-2MSD

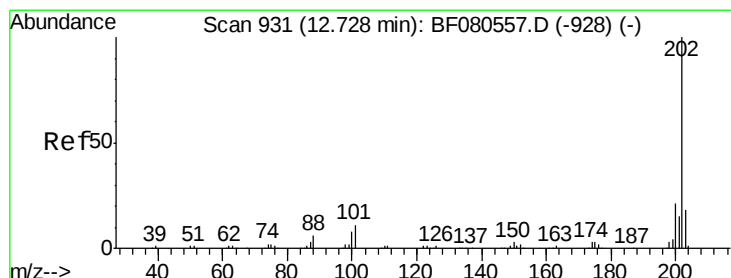
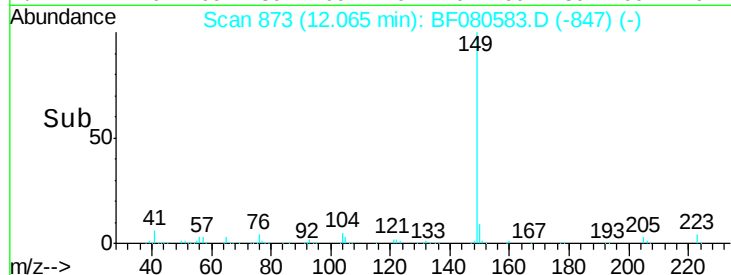
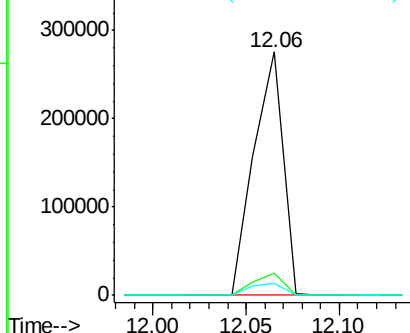
Tgt Ion:	149	Resp:	298078
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.2	10.8
104	4.9	3.8	5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.44 ng

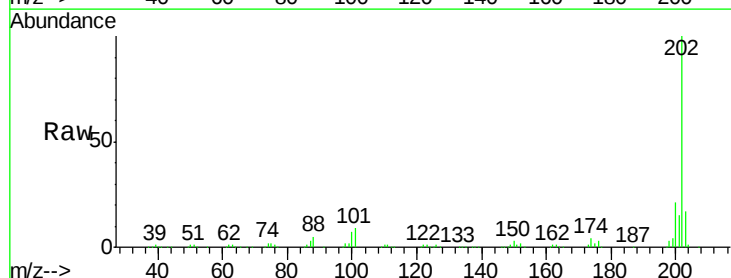
RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

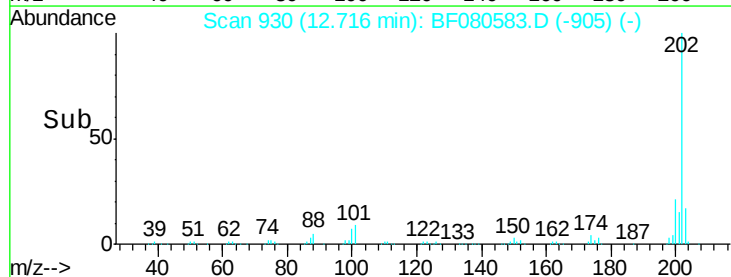
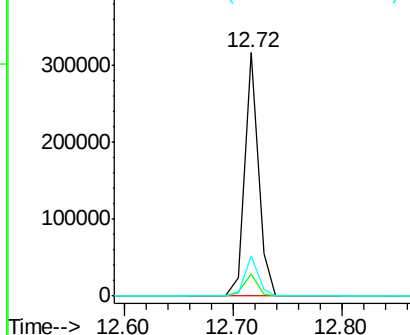
Lab File: BF080583.D

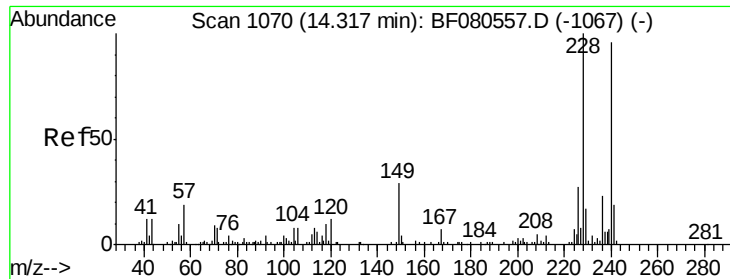
Acq: 23 Jul 2015 5:27

Tgt Ion:	202	Resp:	272382
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	31.1
203	16.6	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.06 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

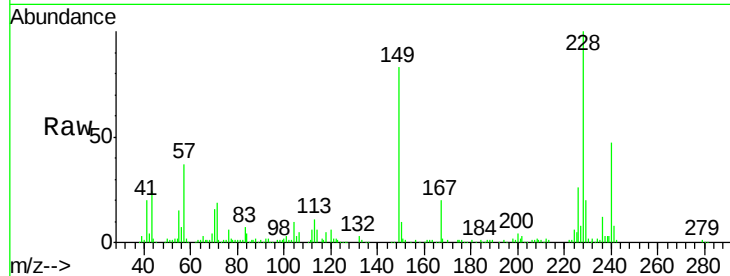
ClientSampleId :

MW-2MSD

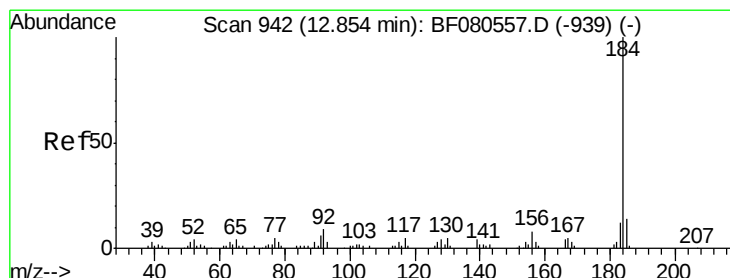
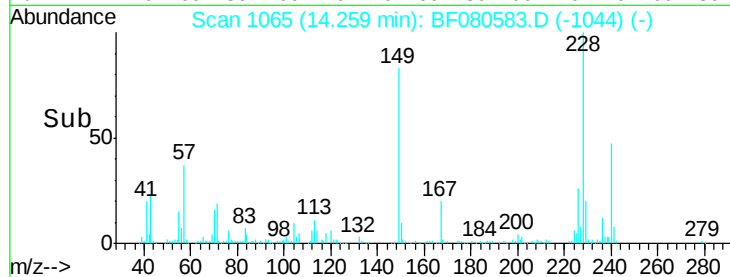
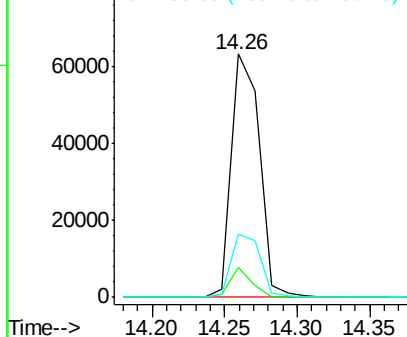
Tgt Ion:	240	Resp:	84679
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.9	14.9
236	26.1	19.1	28.7

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



#76

Benzidine

Concen: 9.87 ng

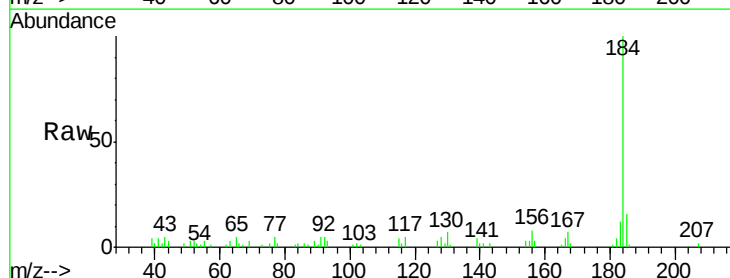
RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

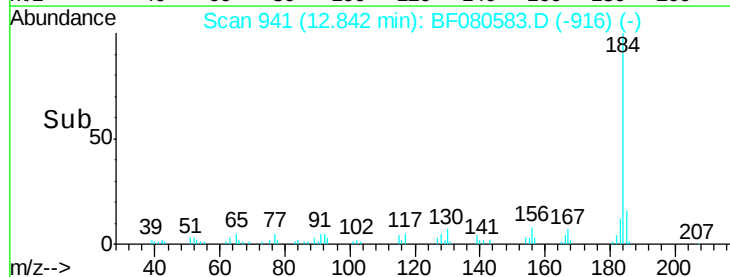
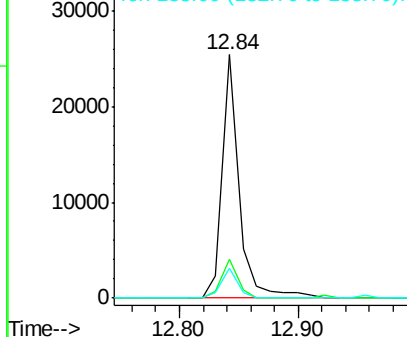
Lab File: BF080583.D

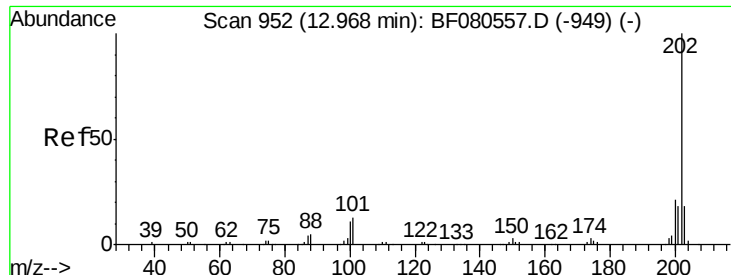
Acq: 23 Jul 2015 5:27

Tgt Ion:	184	Resp:	24861
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.2	16.8
183	12.3	9.6	14.4



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





#77

Pyrene

Concen: 47.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

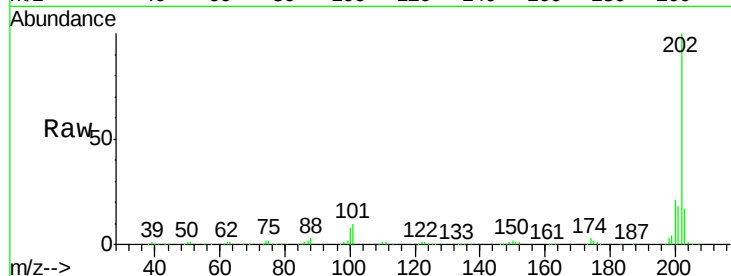
ClientSampleId :

MW-2MSD

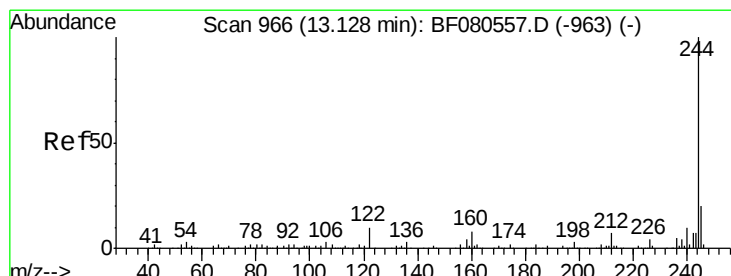
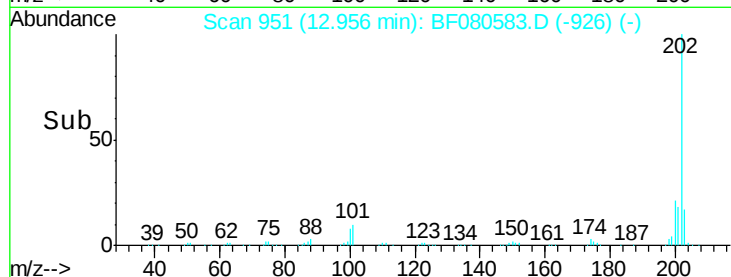
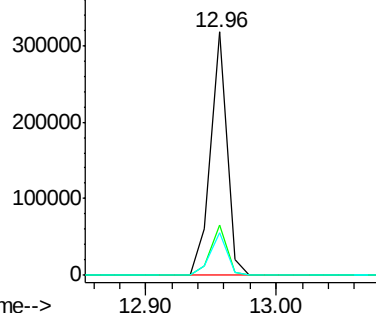
Tgt	Ion	202	Resp:	275657
Ion	Ratio	Lower	Upper	
202	100			
200	20.7	16.9	25.3	
203	17.3	14.5	21.7	

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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: 80.41 ng

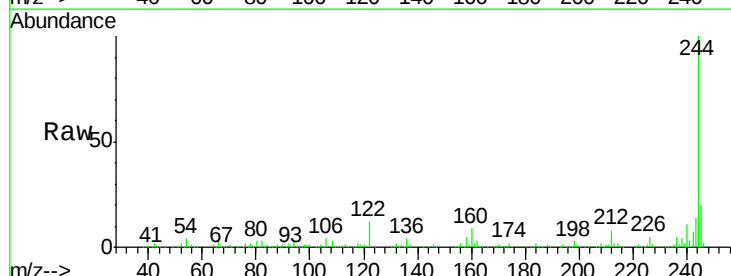
RT: 13.11 min Scan# 964

Delta R.T. -0.02 min

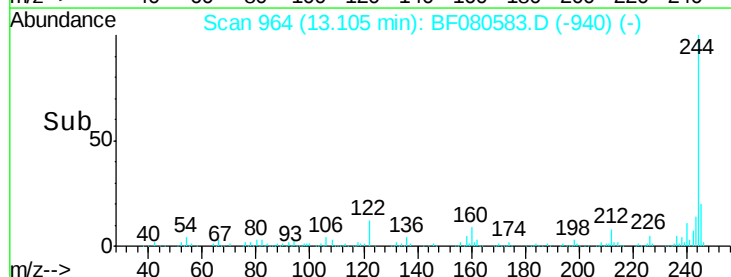
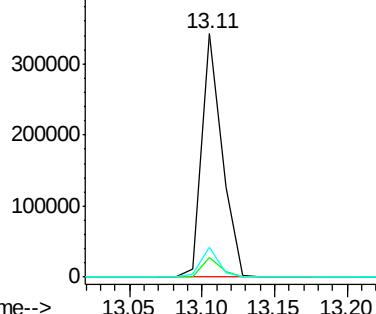
Lab File: BF080583.D

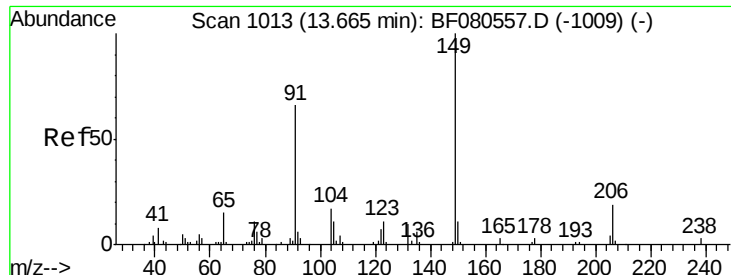
Acq: 23 Jul 2015 5:27

Tgt	Ion	244	Resp:	332062
Ion	Ratio	Lower	Upper	
244	100			
212	8.0	6.0	9.0	
122	12.4	8.2	12.2#	



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: 53.83 ng

RT: 13.62 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

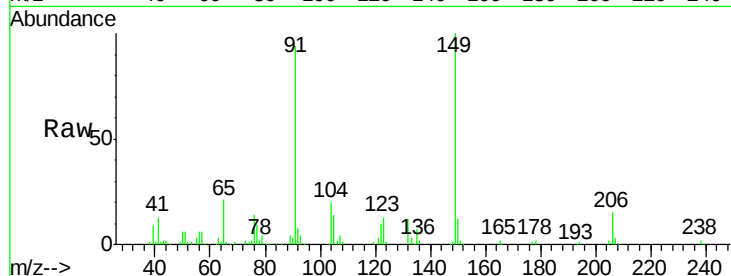
ClientSampled :

MW-2MSD

Tgt Ion:	149	Resp:	102594
Ion Ratio		Lower	Upper
149	100		
91	93.9	53.0	79.6#
206	14.8	15.0	22.6#

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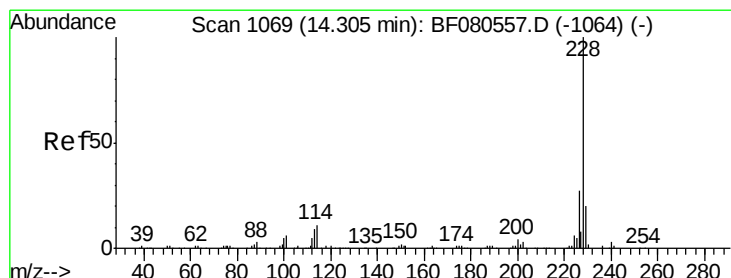
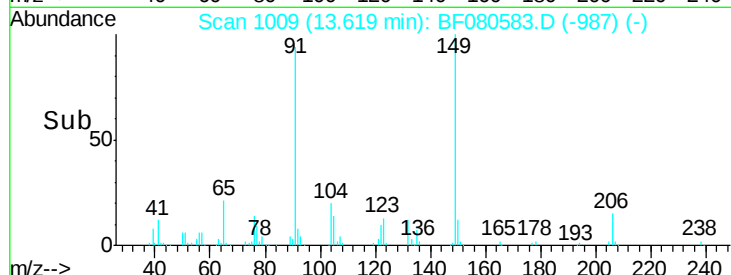
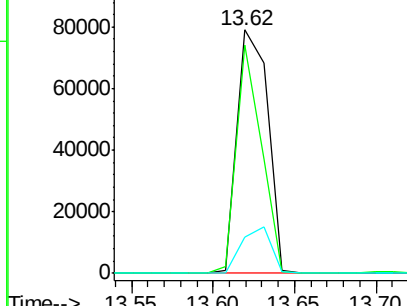
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.38 ng

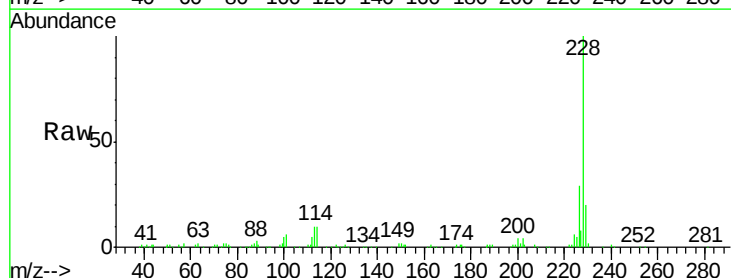
RT: 14.25 min Scan# 1064

Delta R.T. -0.06 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

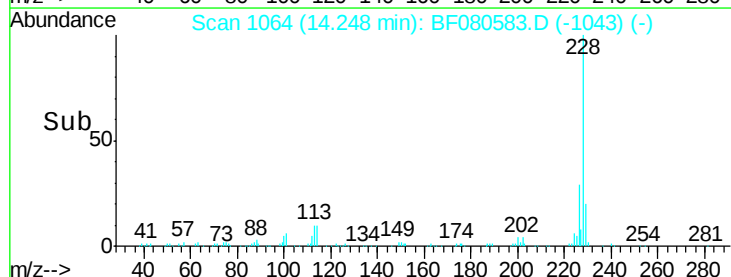
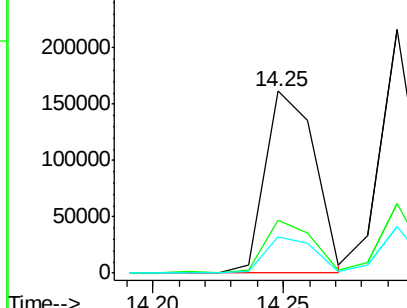
Tgt Ion:	228	Resp:	213576
Ion Ratio		Lower	Upper
228	100		
226	28.9	22.0	33.0
229	20.1	15.7	23.5

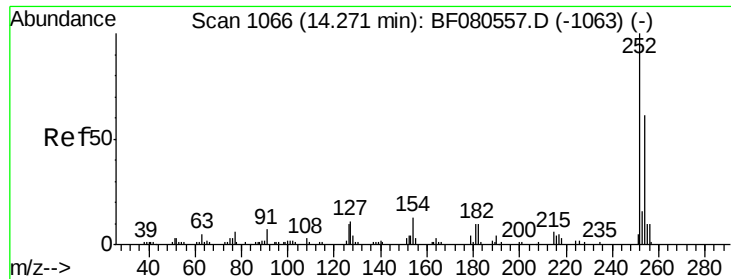


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





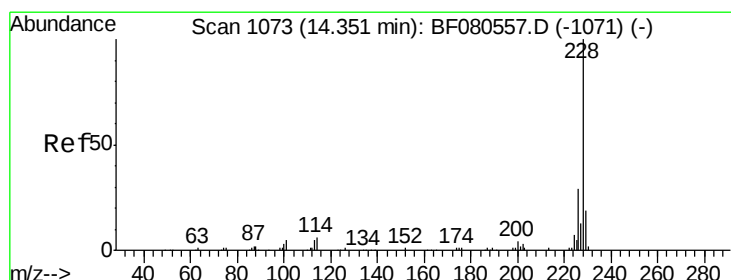
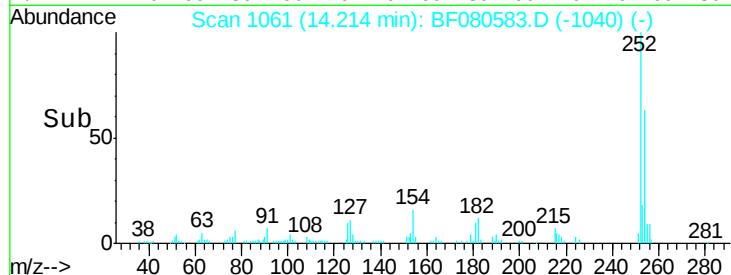
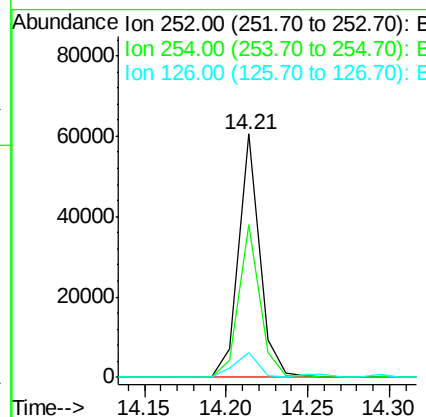
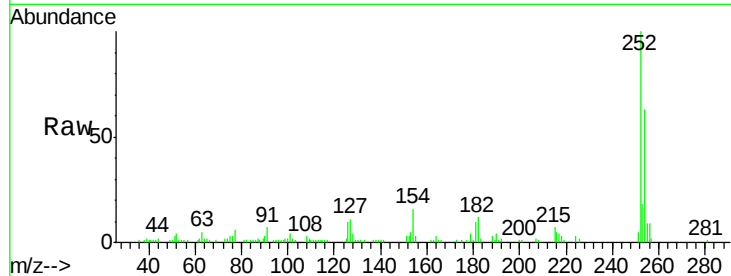
#81
 3,3'-Dichlorobenzidine
 Concen: 37.16 ng
 RT: 14.21 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	49.2	73.8
126	10.2	8.1	12.1

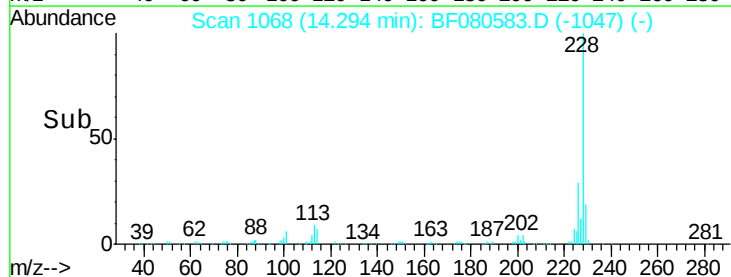
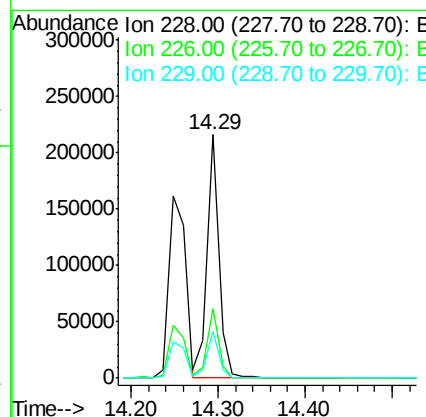
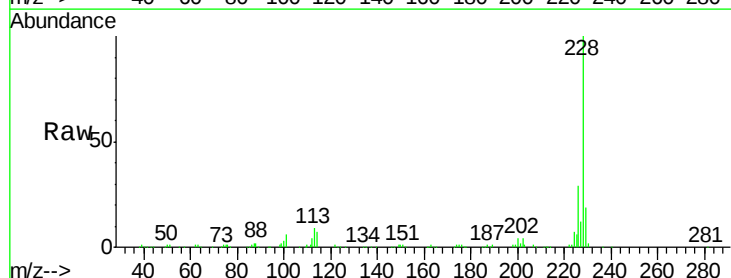
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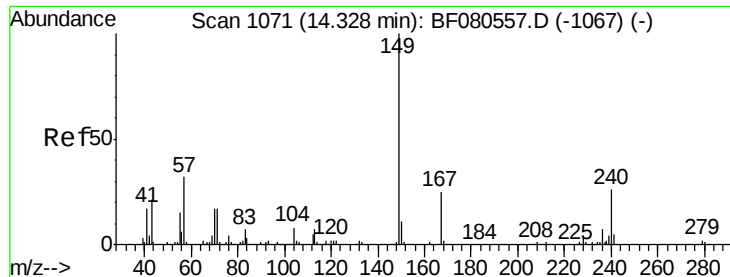
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#82
 Chrysene
 Concen: 42.77 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.06 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.80 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.07 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

ClientSampleId :

MW-2MSD

Tgt Ion:149 Resp: 148705
Ion Ratio Lower Upper

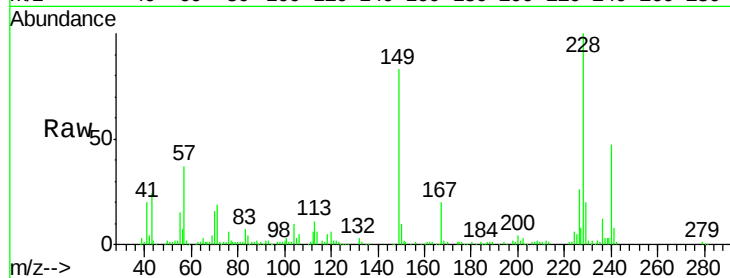
149 100

167 24.2 20.2 30.2

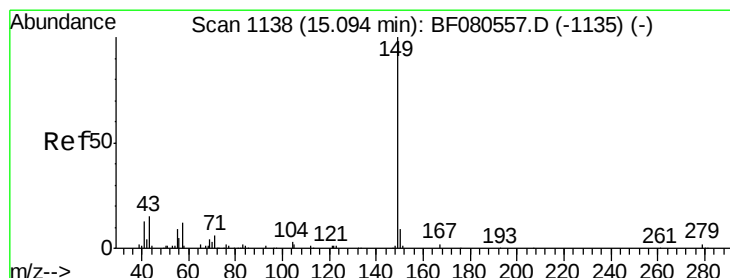
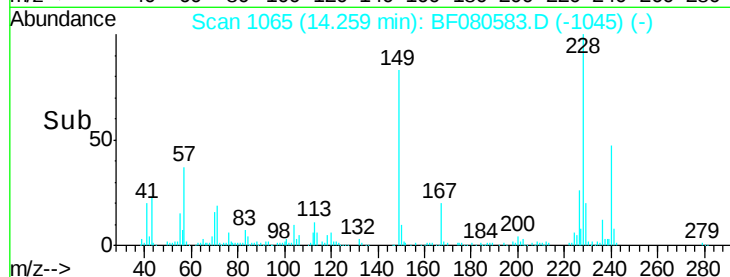
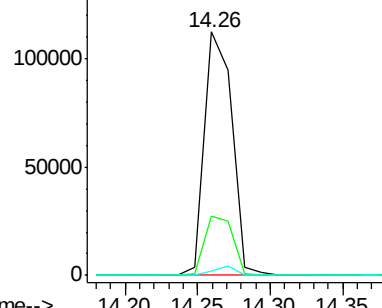
279 1.6 2.0 3.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.52 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.09 min

Lab File: BF080583.D

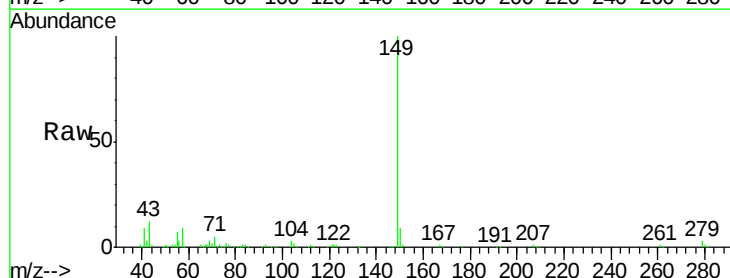
Acq: 23 Jul 2015 5:27

Tgt Ion:149 Resp: 208171
Ion Ratio Lower Upper

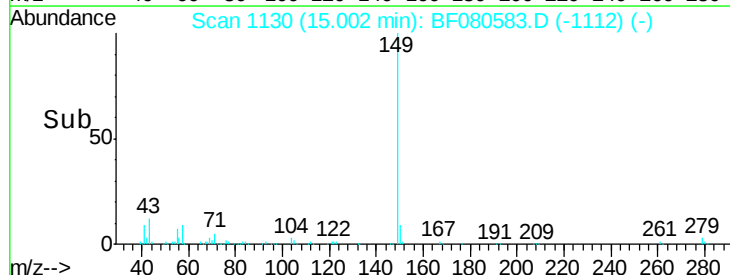
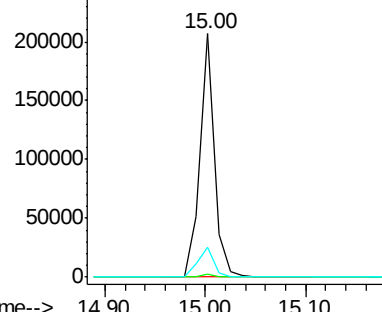
149 100

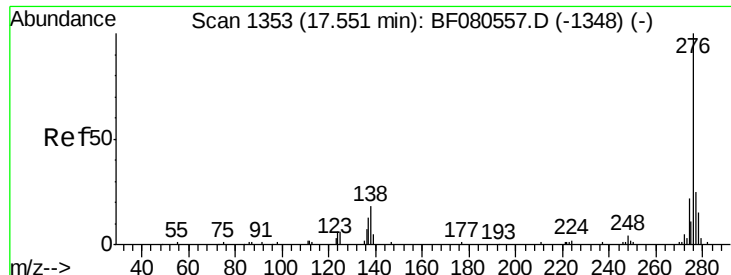
167 1.4 1.2 1.8

43 13.7 12.5 18.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





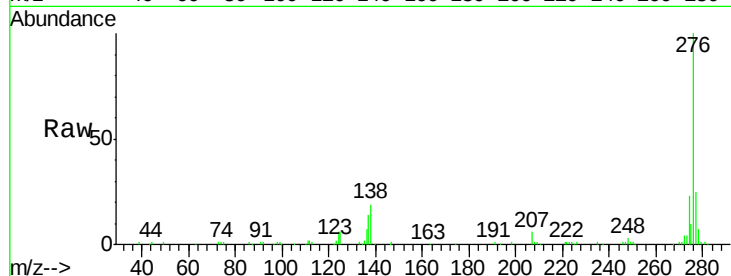
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 70.95 ng
 RT: 17.43 min Scan# 1342
 Delta R.T. -0.13 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

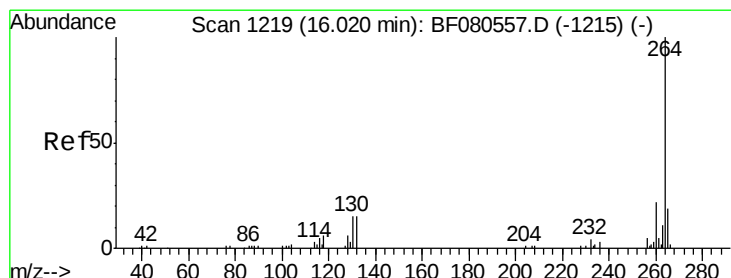
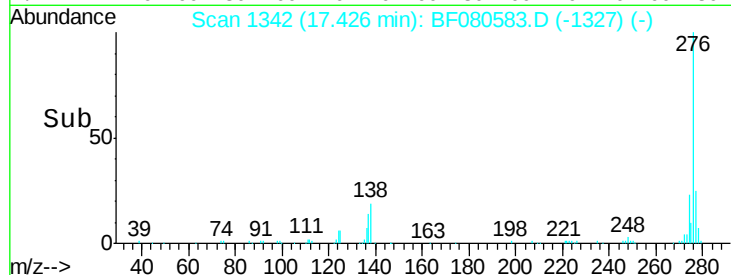
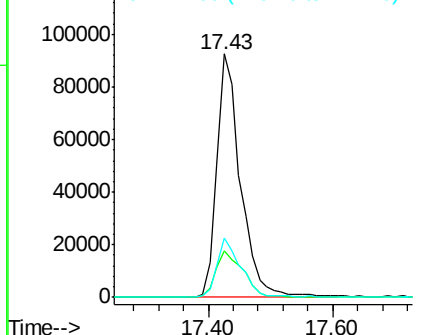
Tgt Ion:	276	Resp:	242429
Ion Ratio	Lower	Upper	
276	100		
138	21.9	18.9	28.3
277	24.5	19.9	29.9

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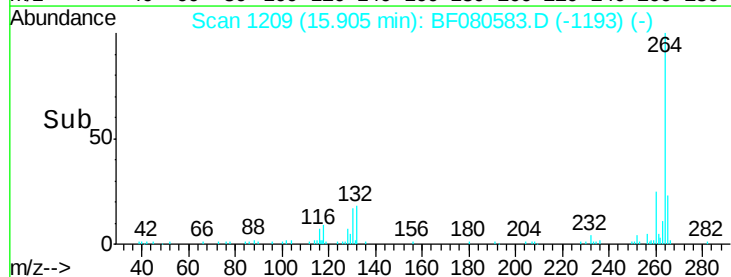
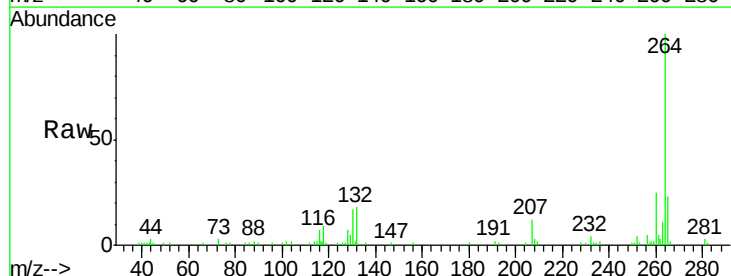
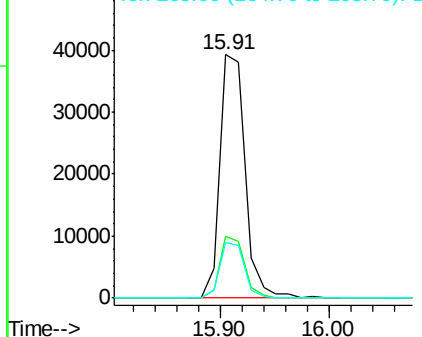
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

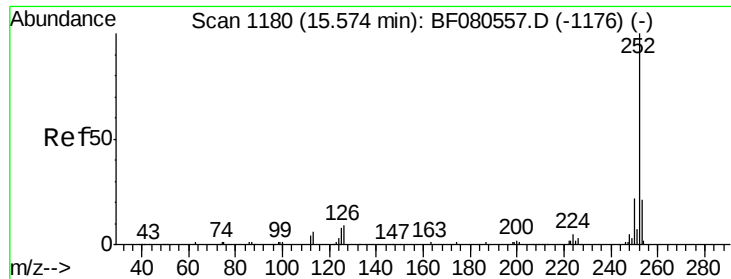


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1209
 Delta R.T. -0.11 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Tgt Ion:	264	Resp:	63328
Ion Ratio	Lower	Upper	
264	100		
260	25.5	17.8	26.8
265	23.0	15.6	23.4

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.58 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.11 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Instrument :

BNA_F

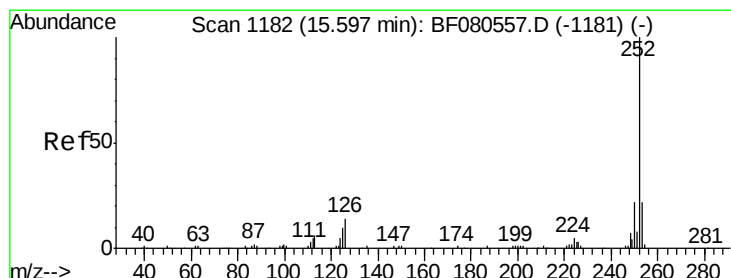
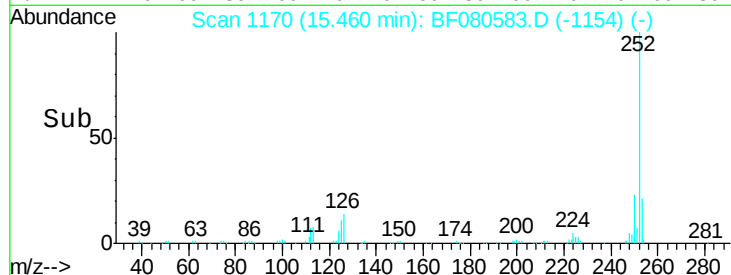
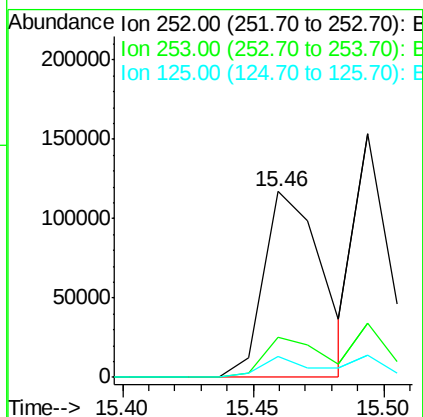
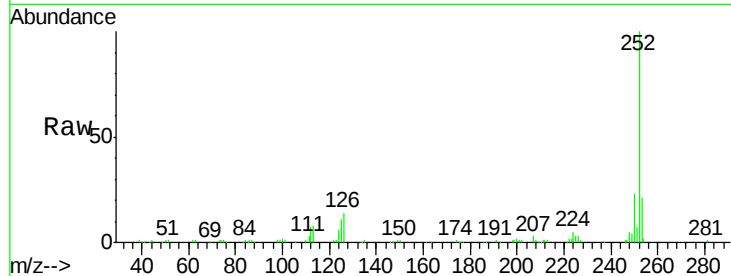
ClientSampleId :

MW-2MSD

Tgt Ion:	252	Resp:	181476
Ion Ratio		Lower	Upper
252	100		
253	21.4	16.6	25.0
125	11.1	6.1	9.1

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#88

Benzo(k)fluoranthene

Concen: 37.55 ng m

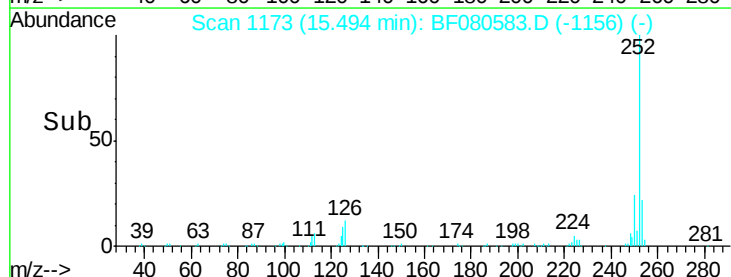
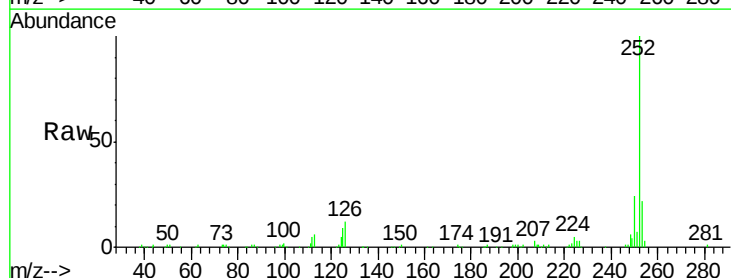
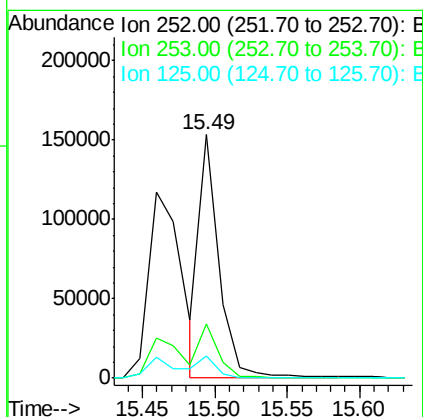
RT: 15.49 min Scan# 1173

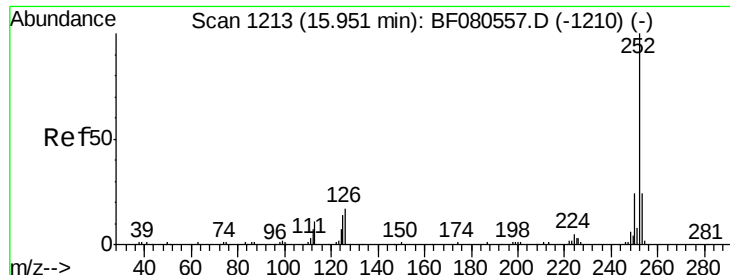
Delta R.T. -0.10 min

Lab File: BF080583.D

Acq: 23 Jul 2015 5:27

Tgt Ion:	252	Resp:	148021
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.0	25.6
125	9.0	8.6	13.0





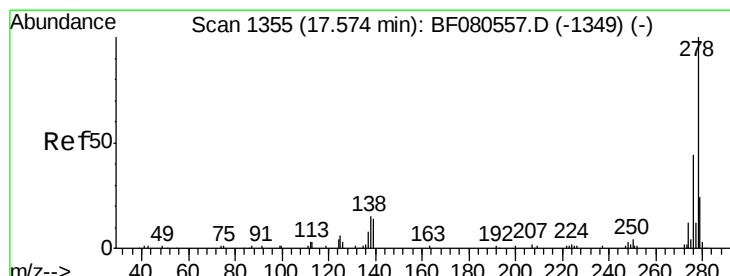
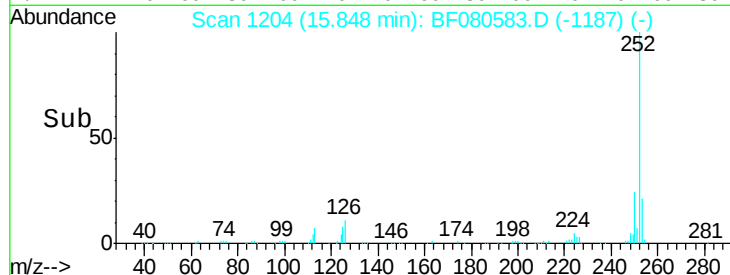
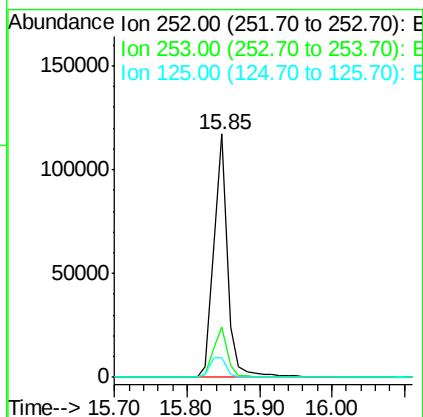
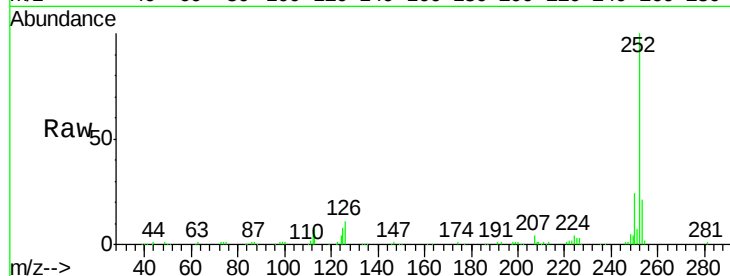
#89
Benzo(a)pyrene
Concen: 45.29 ng
RT: 15.85 min Scan# 1204
Delta R.T. -0.10 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Instrument :
BNA_F
ClientSampleId :
MW-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	19.0	28.6
125	8.3	11.2	16.8

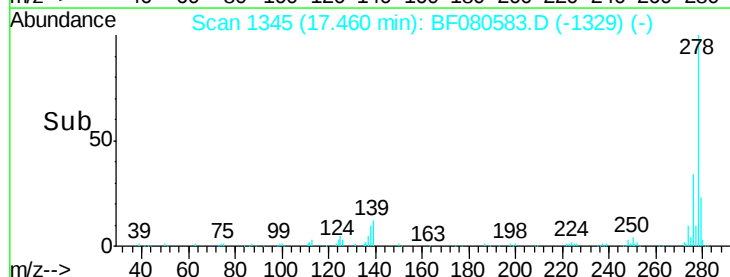
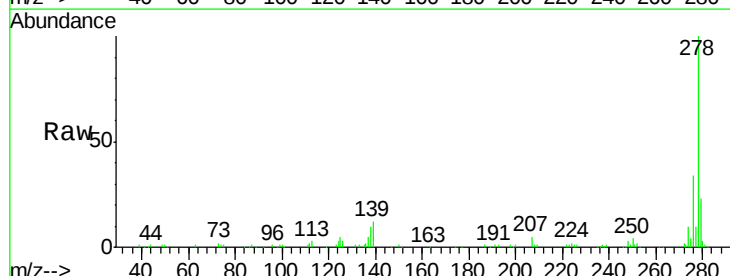
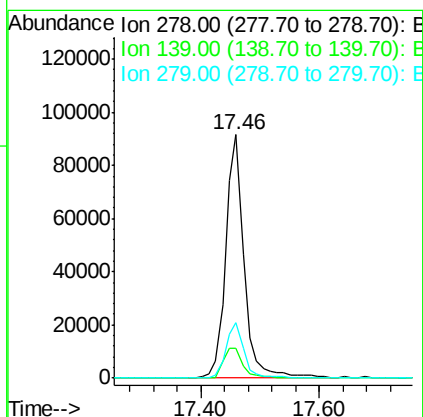
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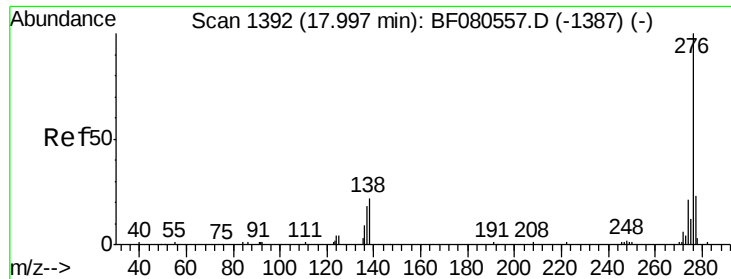
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 66.65 ng
RT: 17.46 min Scan# 1345
Delta R.T. -0.11 min
Lab File: BF080583.D
Acq: 23 Jul 2015 5:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.6	17.4
279	22.7	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 81.17 ng
 RT: 17.88 min Scan# 1382
 Delta R.T. -0.11 min
 Lab File: BF080583.D
 Acq: 23 Jul 2015 5:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		243103		
277	23.6	18.0	27.0		
138	18.5	17.8	26.6		

Manual Integrations
 APPROVED

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