

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078187.D
 Acq On : 2 Apr 2015 8:54
 Operator : TP/IZ
 Sample : G1719-10MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Manual Integrations
 APPROVED

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 4/2/2015 5:52:03 PM

Quant Time: Apr 02 14:04:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38481	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	152810	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	76409	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	144020	20.00	ng	0.00
75) Chrysene-d12	15.86	240	146488	20.00	ng	-0.01
86) Perylene-d12	17.55	264	141150	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	119404	51.16	ng	0.00
7) Phenol-d6	6.60	99	95949	32.80	ng	0.00
23) Nitrobenzene-d5	7.72	82	231443	91.80	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	91065	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	503635	94.22	ng	0.00
78) Terphenyl-d14	14.59	244	591120	91.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	15156	14.36	ng	# 91
3) Pyridine	2.54	79	34041	12.31	ng	93
4) n-Nitrosodimethylamine	2.45	42	17703m	16.64	ng	
6) Aniline	6.60	93	91978	22.17	ng	98
8) 2-Chlorophenol	6.75	128	93702	33.95	ng	99
10) Phenol	6.62	94	45284	12.92	ng	92
11) bis(2-Chloroethyl)ether	6.72	93	118280	46.93	ng	98
12) 1,3-Dichlorobenzene	6.93	146	116553	38.45	ng	97
13) 1,4-Dichlorobenzene	7.04	146	119500	39.16	ng	99
14) 1,2-Dichlorobenzene	7.22	146	116704	40.79	ng	98
15) Benzyl Alcohol	7.21	79	54643	26.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	155555	46.27	ng	99
17) 2-Methylphenol	7.37	107	59465	27.75	ng	98
18) Hexachloroethane	7.64	117	40165	39.03	ng	95
19) n-Nitroso-di-n-propylamine	7.55	70	88185	45.70	ng	99
20) 3+4-Methylphenols	7.56	107	72318	25.30	ng	97
22) Acetophenone	7.53	105	167961	47.17	ng	# 88
24) Nitrobenzene	7.74	77	124635	47.29	ng	99
25) Isophorone	8.04	82	232555	48.60	ng	100
26) 2-Nitrophenol	8.13	139	55613	44.28	ng	94
27) 2,4-Dimethylphenol	8.21	122	89829	38.46	ng	99
28) bis(2-Chloroethoxy)methane	8.33	93	150449	49.04	ng	100
29) 2,4-Dichlorophenol	8.44	162	89229	42.00	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	104903	43.06	ng	98
31) Naphthalene	8.62	128	359723	45.23	ng	99
32) Benzoic acid	8.32	122	11196	14.76	ng	99
33) 4-Chloroaniline	8.70	127	116644	35.34	ng	99
34) Hexachlorobutadiene	8.78	225	54749	40.93	ng	96
35) Caprolactam	9.13	113	3308	5.22	ng	95
36) 4-Chloro-3-methylphenol	9.32	107	88565	41.31	ng	91
37) 2-Methylnaphthalene	9.48	142	256518	47.50	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	108346	45.76	ng	97
40) Hexachlorocyclopentadiene	9.68	237	92330	89.69	ng	96
42) 2,4,6-Trichlorophenol	9.84	196	67766	45.39	ng	99

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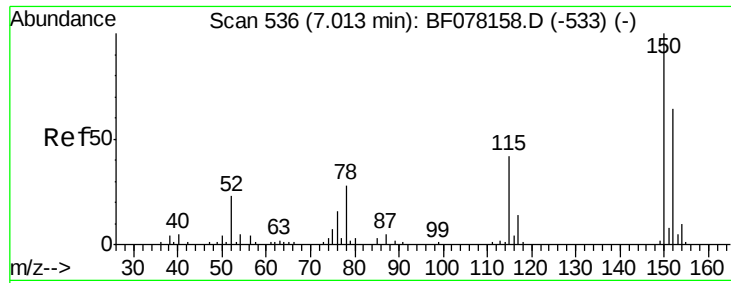
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	69316	44.44	nq	# 85
45) 1,1'-Biphenyl	10.06	154	304288	48.69	nq	100
46) 2-Chloronaphthalene	10.08	162	234558	47.70	nq	100
47) 2-Nitroaniline	10.21	65	57119	46.95	nq	95
48) Acenaphthylene	10.59	152	370195	46.62	nq	99
49) Dimethylphthalate	10.45	163	280486	48.86	nq	99
50) 2,6-Dinitrotoluene	10.53	165	62488	52.91	nq	98
51) Acenaphthene	10.80	154	212946	47.63	nq	100
52) 3-Nitroaniline	10.73	138	51872	38.63	nq	100
53) 2,4-Dinitrophenol	10.87	184	42254	87.78	nq	93
54) Dibenzofuran	11.01	168	336106	49.22	nq	100
55) 4-Nitrophenol	10.97	139	24588	26.77	nq	86
56) 2,4-Dinitrotoluene	11.03	165	82264	53.78	nq	99
57) Fluorene	11.44	166	277587	50.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	56251	48.64	nq	99
59) Diethylphthalate	11.33	149	279064	50.42	nq	98
60) 4-Chlorophenyl-phenylether	11.45	204	124354	48.84	nq	# 72
61) 4-Nitroaniline	11.48	138	49389	36.38	nq	97
62) Azobenzene	11.64	77	262702	52.00	nq	99
64) 4,6-Dinitro-2-methylphenol	11.52	198	28109	40.87	nq	93
65) n-Nitrosodiphenylamine	11.61	169	237963	47.77	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	75716	49.64	nq	99
67) Hexachlorobenzene	12.11	284	80797	48.34	nq	97
68) Atrazine	12.28	200	75488	52.32	nq	97
69) Pentachlorophenol	12.36	266	61972	83.26	nq	97
70) Phenanthrene	12.63	178	421489	50.59	nq	99
71) Anthracene	12.68	178	389166	47.41	nq	100
72) Carbazole	12.90	167	403480	52.44	nq	99
73) Di-n-butylphthalate	13.36	149	450884	51.73	nq	99
74) Fluoranthene	14.09	202	439003	49.97	nq	97
76) Benzidine	14.28	184	226514	40.16	nq	98
77) Pyrene	14.37	202	463330	50.38	nq	99
79) Butylbenzylphthalate	15.21	149	197151	56.25	nq	93
80) Benzo(a)anthracene	15.85	228	420888	48.29	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	82939	28.41	nq	# 97
82) Chrysene	15.89	228	401407	49.02	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	293240	53.34	nq	# 96
84) Di-n-octyl phthalate	16.71	149	502392	55.66	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.85	276	472937	50.90	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	470823	53.97	nq	# 95
88) Benzo(k)fluoranthene	17.15	252	352319m	45.45	nq	
89) Benzo(a)pyrene	17.49	252	401326	52.71	nq	99
90) Dibenzo(a,h)anthracene	18.89	278	391703	51.39	nq	98
91) Benzo(g,h,i)perylene	19.23	276	389962	51.03	nq	98

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



#1

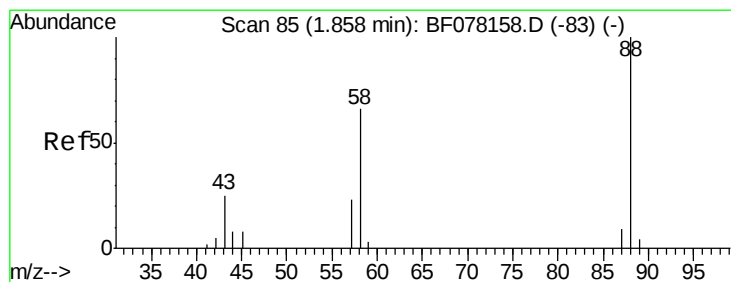
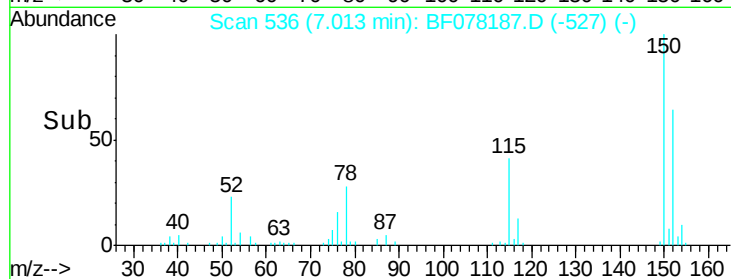
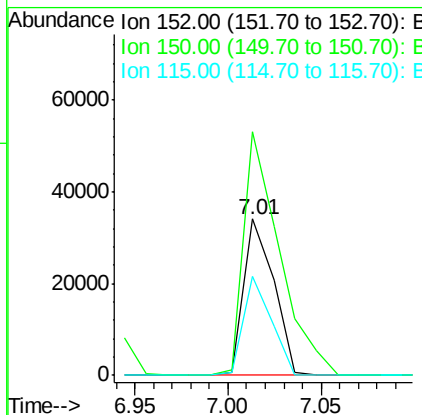
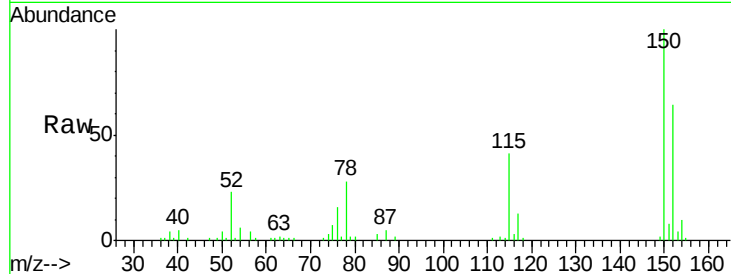
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	63.7	52.7	79.1

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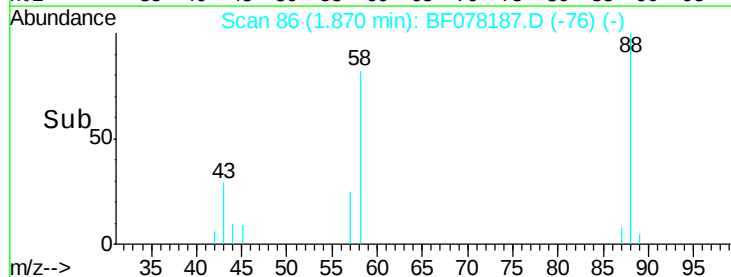
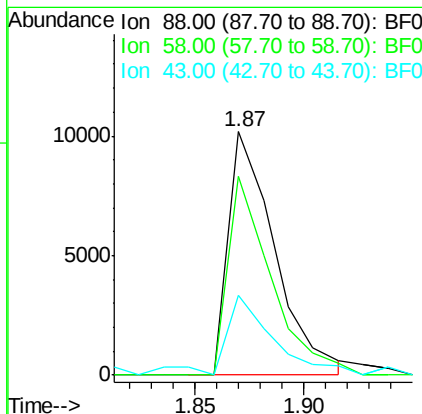
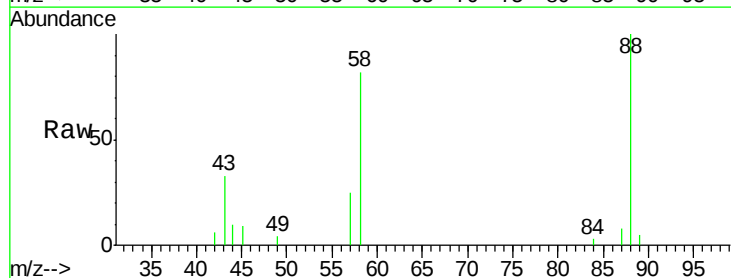
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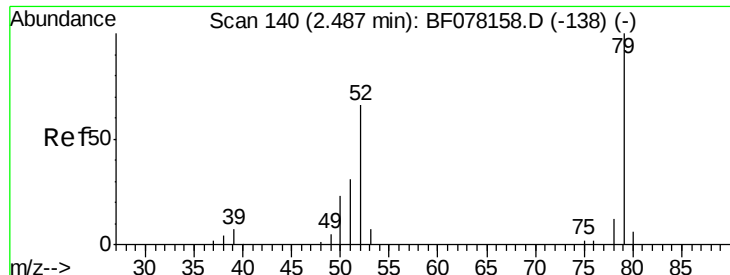


#2

1,4-Dioxane
Concen: 14.36 ng
RT: 1.87 min Scan# 86
Delta R.T. 0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	56.9	85.3
43	36.3	21.4	32.2





#3

Pvridine

Concen: 12.31 ng

RT: 2.54 min Scan# 145

Delta R.T. 0.06 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

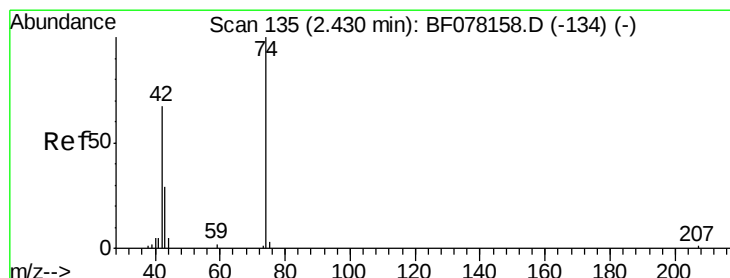
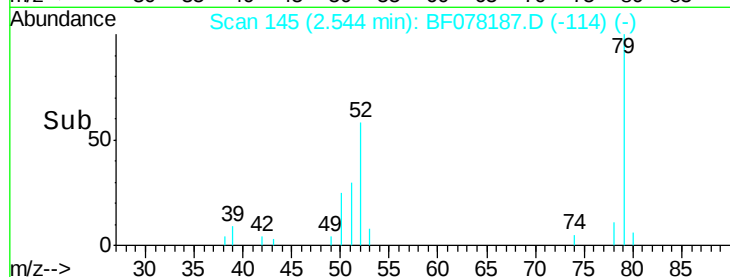
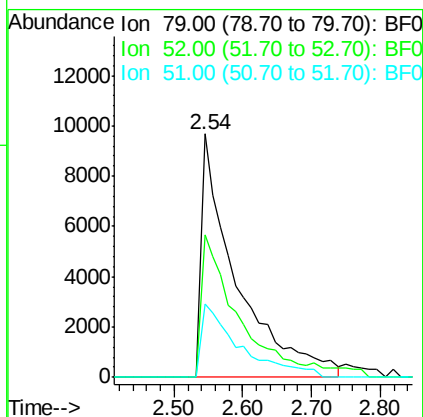
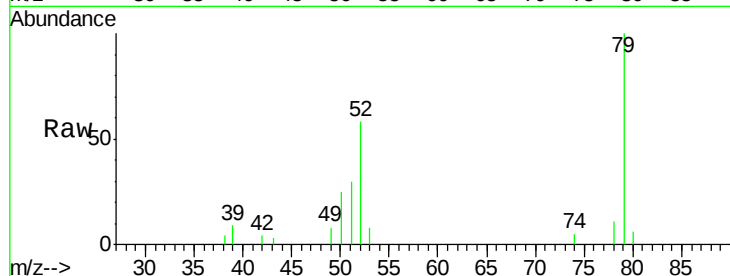
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	79	Resp:	34041
Ion Ratio	Lower	Upper	
79	100		
52	58.4	52.4	78.6
51	30.2	24.9	37.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 16.64 ng m

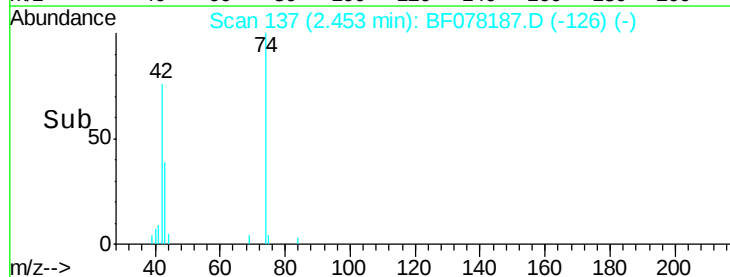
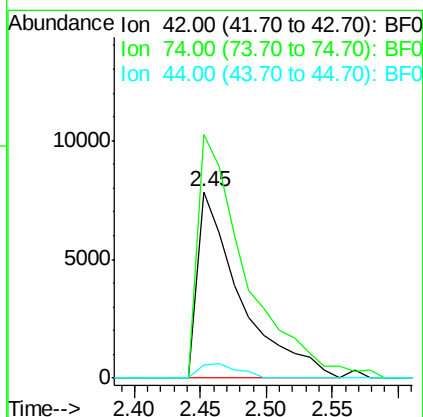
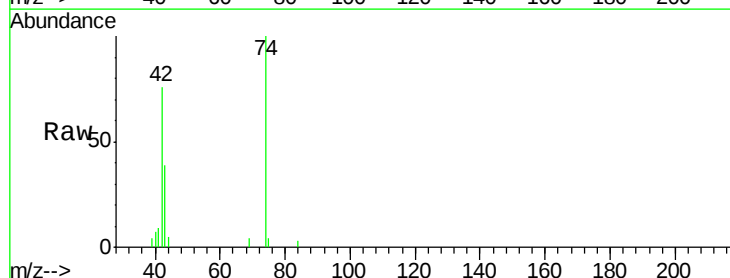
RT: 2.45 min Scan# 137

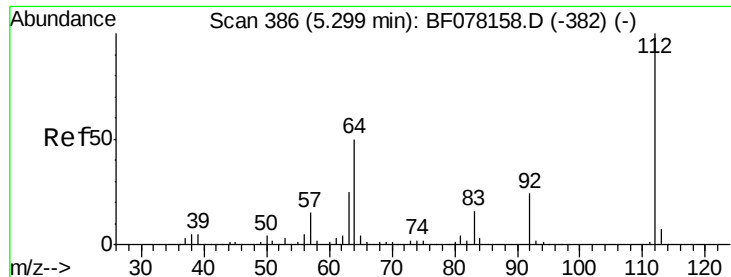
Delta R.T. 0.02 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	42	Resp:	17703
Ion Ratio	Lower	Upper	
42	100		
74	130.8	118.7	178.1
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 51.16 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

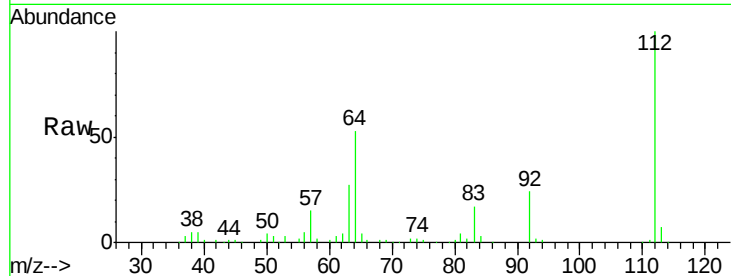
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	112	Resp:	119404
Ion Ratio	Lower	Upper	
112	100		
64	52.6	39.9	59.9
63	26.6	20.2	30.4

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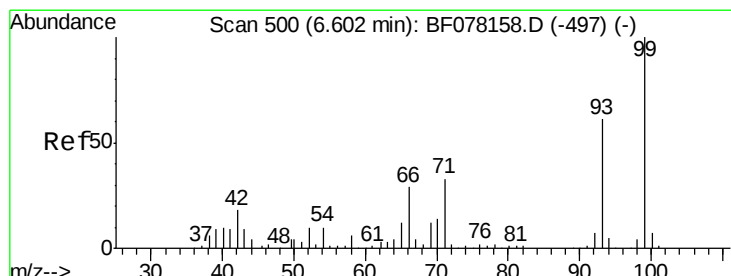
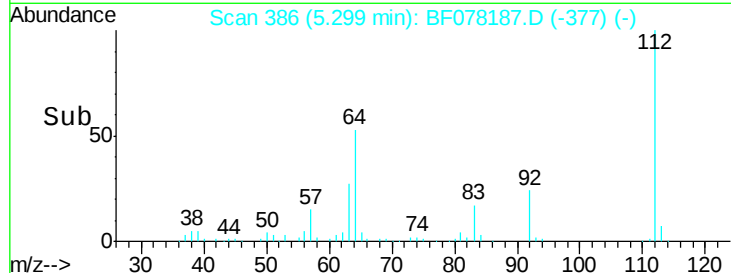
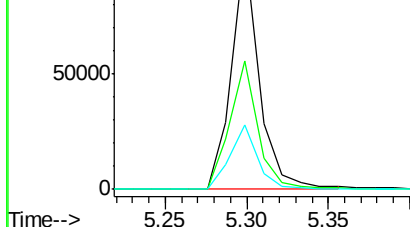
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.17 ng

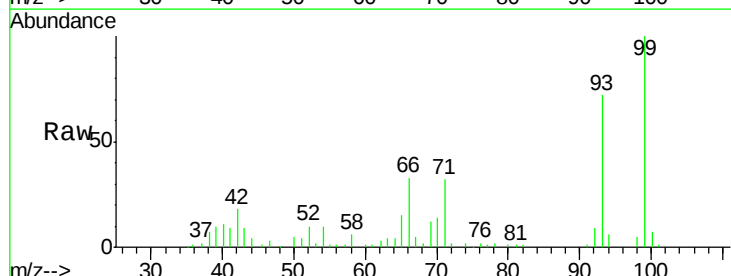
RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

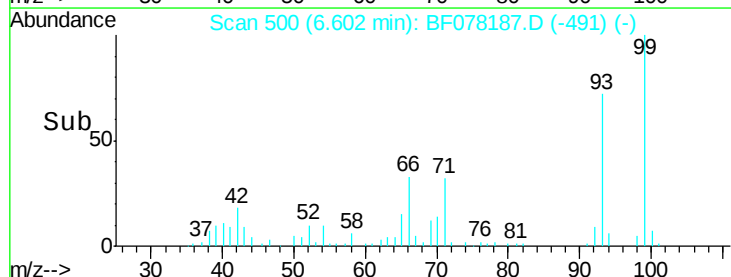
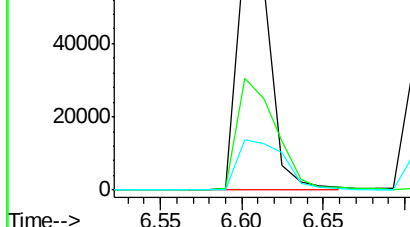
Tgt Ion:	93	Resp:	91978
Ion Ratio	Lower	Upper	
93	100		
66	45.7	38.0	57.0
65	20.5	16.3	24.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 32.80 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

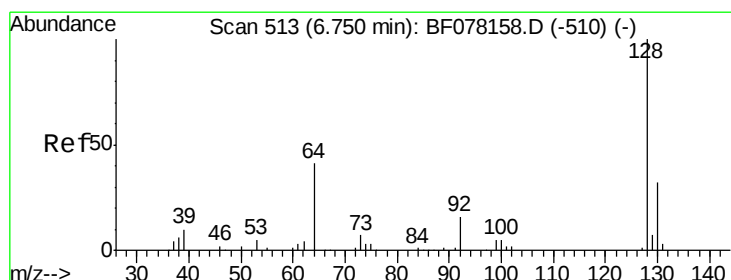
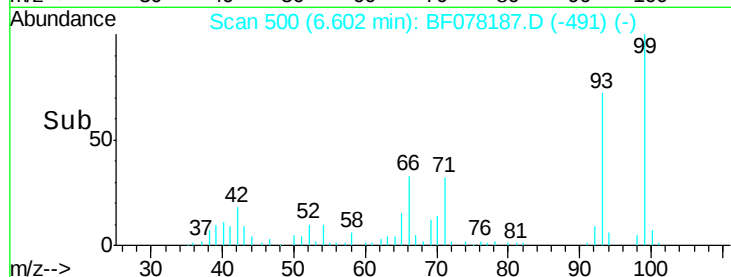
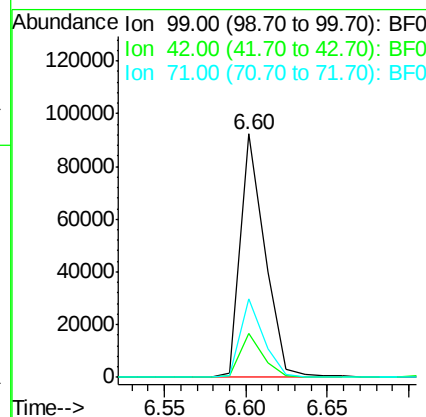
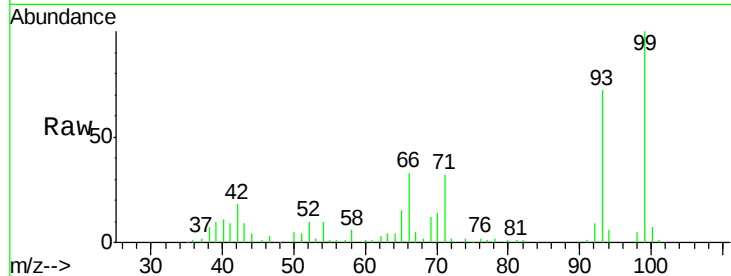
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	99	Resp:	95949
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.8	22.2
71	32.3	26.6	39.8

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#8

2-Chlorophenol

Concen: 33.95 ng

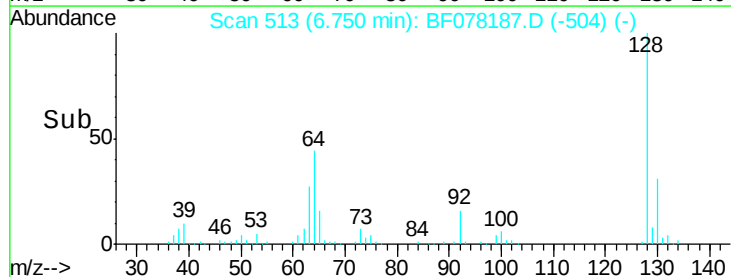
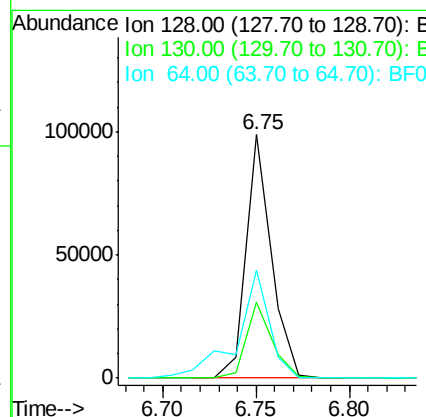
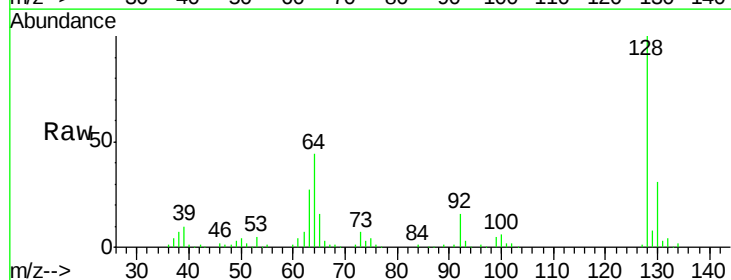
RT: 6.75 min Scan# 513

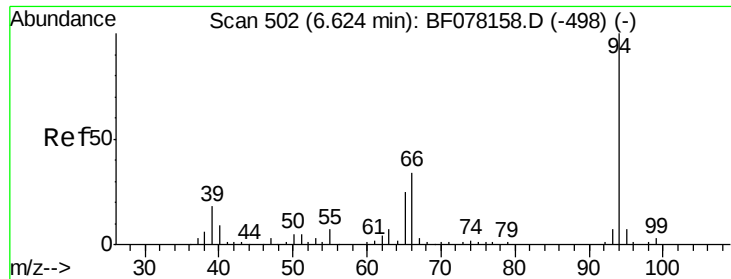
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	128	Resp:	93702
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.3	52.3
64	44.4	23.8	63.8





#10

Phenol

Concen: 12.92 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

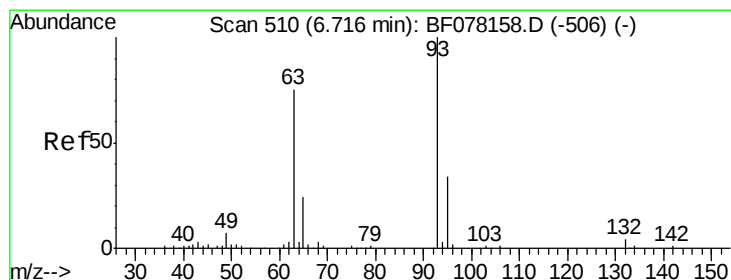
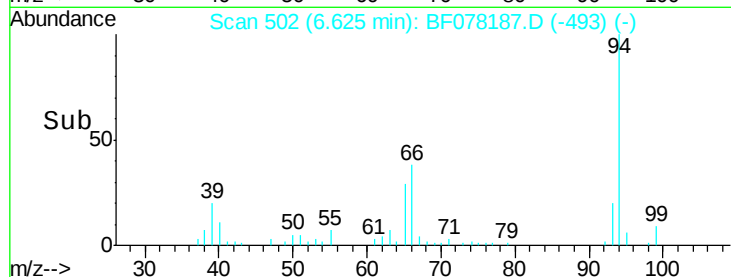
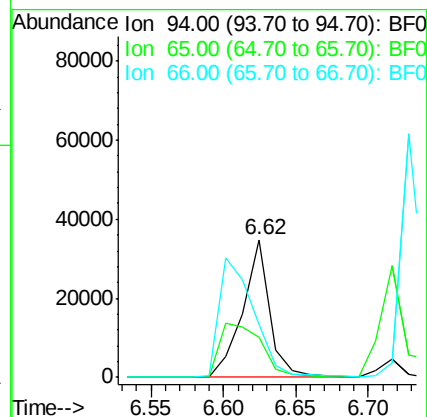
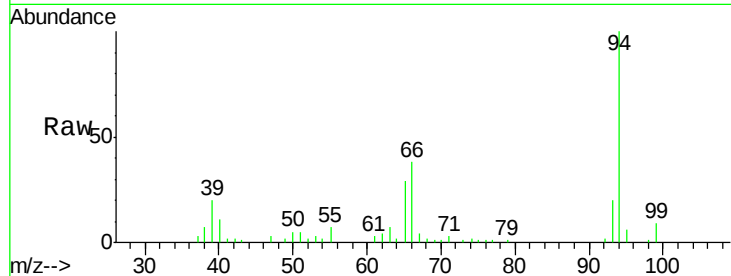
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	94	Resp:	45284
Ion	Ratio	Lower	Upper
94	100		
65	29.0	4.9	44.9
66	38.0	13.8	53.8

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 46.93 ng

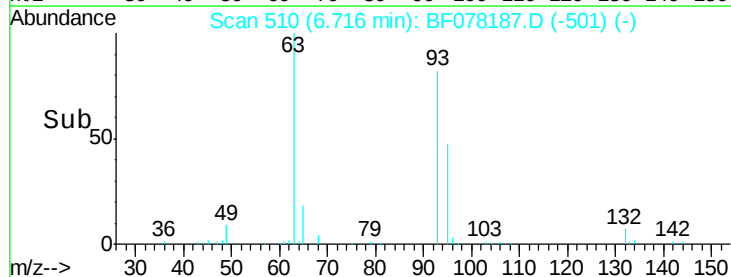
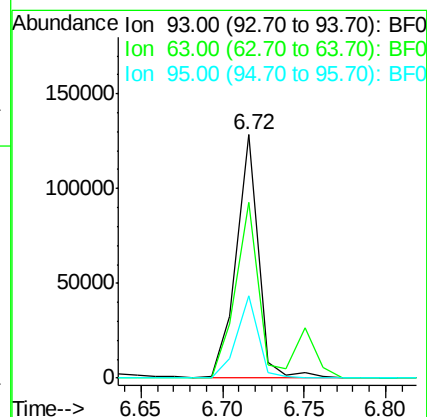
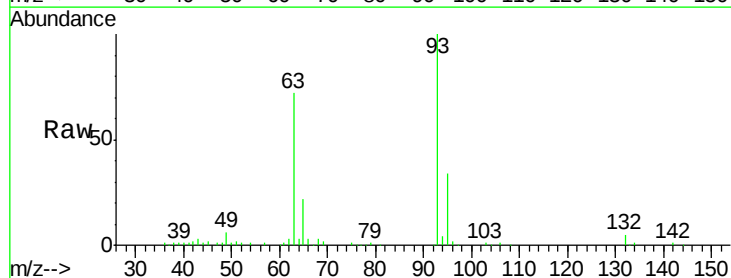
RT: 6.72 min Scan# 510

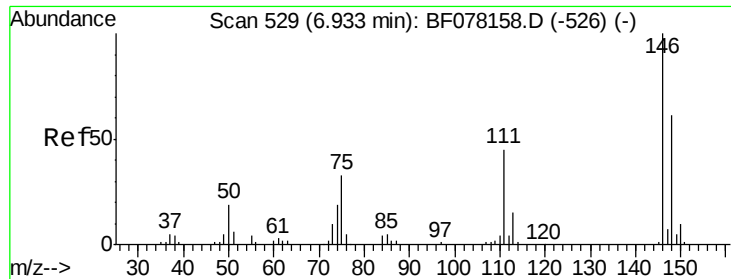
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	93	Resp:	118280
Ion	Ratio	Lower	Upper
93	100		
63	72.2	54.6	94.6
95	33.7	13.6	53.6





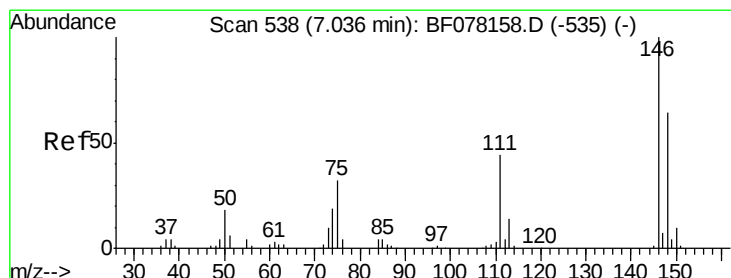
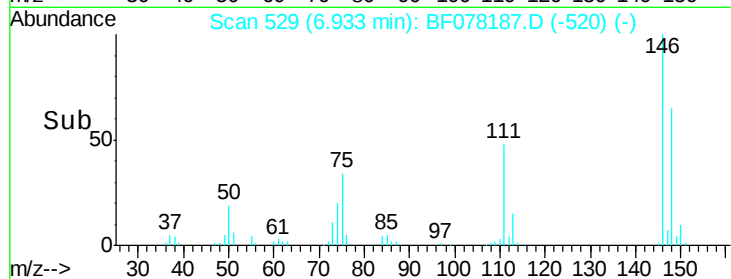
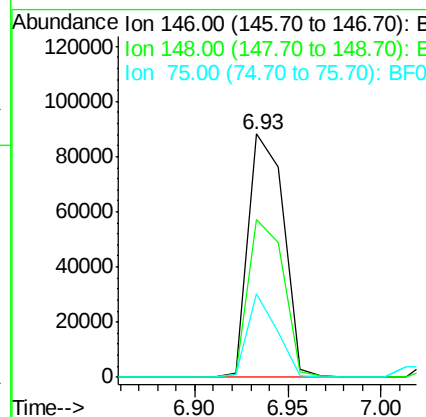
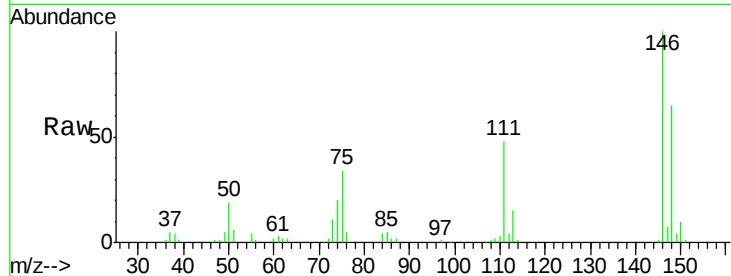
#12
 1,3-Dichlorobenzene
 Concen: 38.45 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	116553		
148	64.7	49.1	73.7	
75	34.2	26.6	40.0	

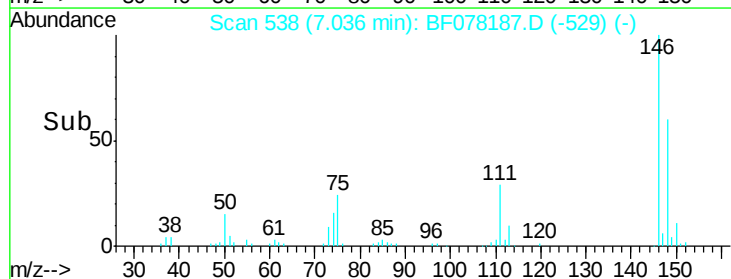
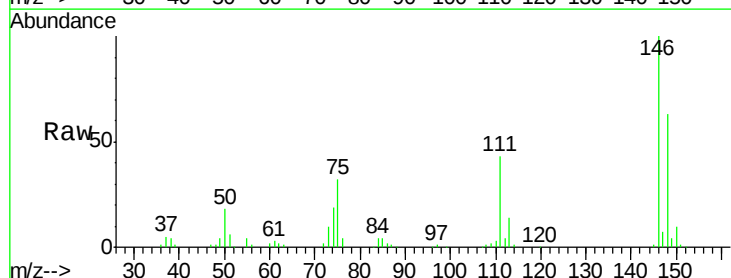
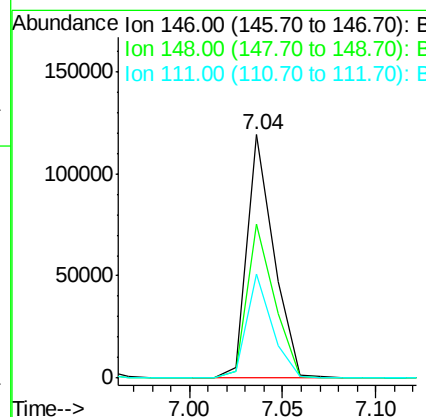
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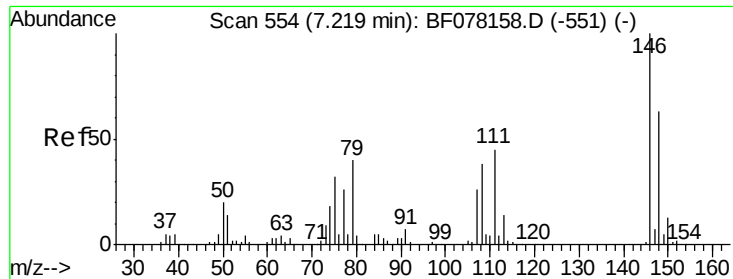
apatel
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#13
 1,4-Dichlorobenzene
 Concen: 39.16 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	119500		
148	63.4	51.4	77.0	
111	42.7	35.0	52.4	





#14

1,2-Dichlorobenzene

Concen: 40.79 ng

RT: 7.22 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

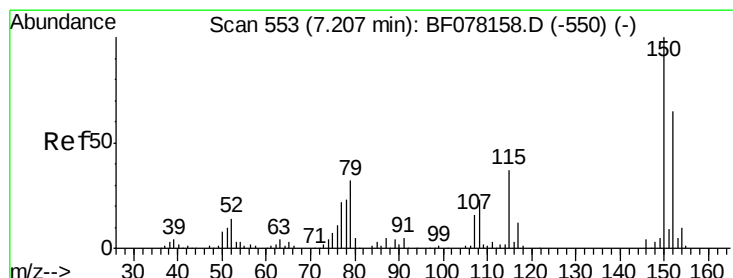
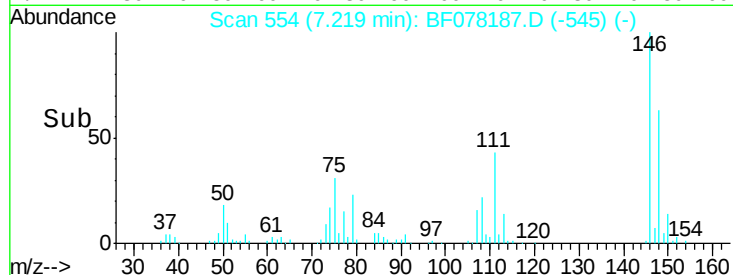
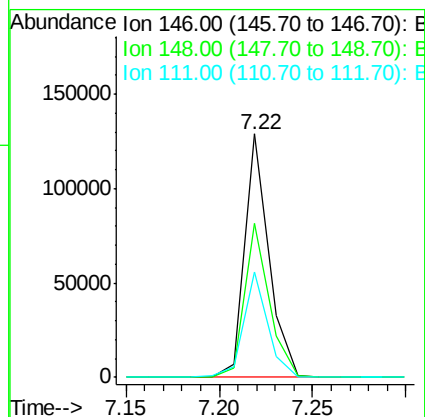
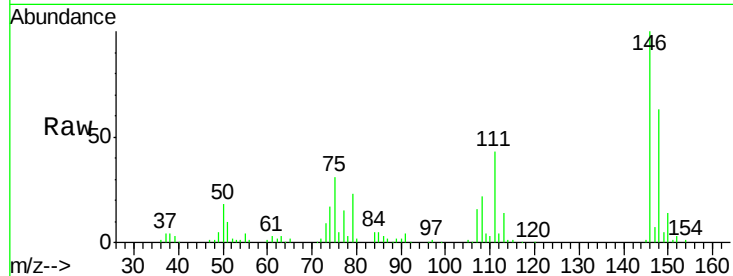
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	146	Resp:	116704
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.4
111	43.4	36.1	54.1

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#15

Benzyl Alcohol

Concen: 26.58 ng

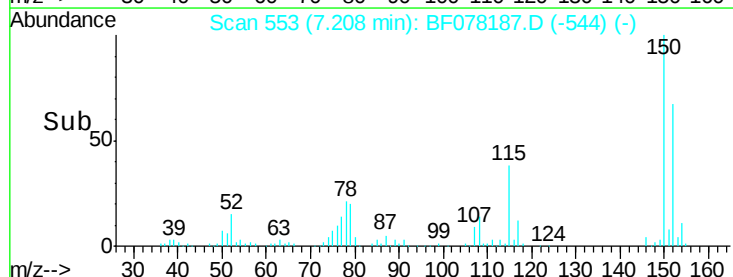
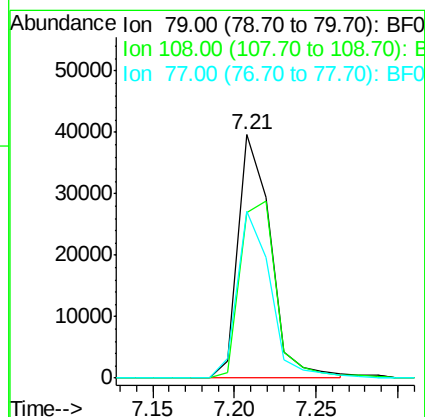
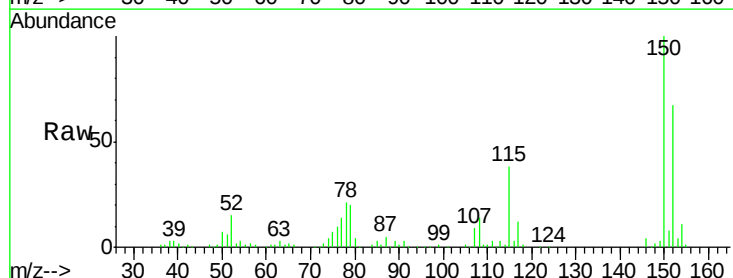
RT: 7.21 min Scan# 553

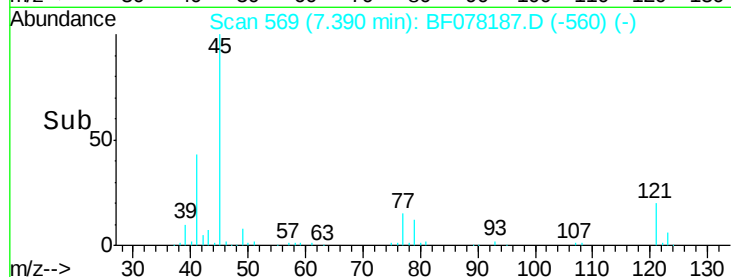
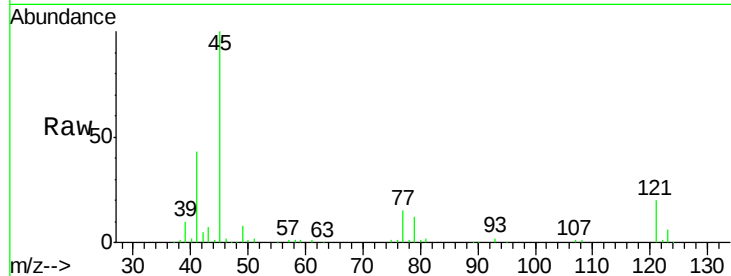
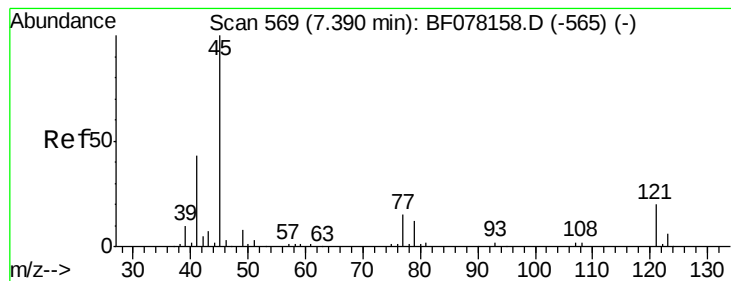
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	79	Resp:	54643
Ion Ratio	Lower	Upper	
79	100		
108	68.2	57.6	86.4
77	68.6	53.5	80.3





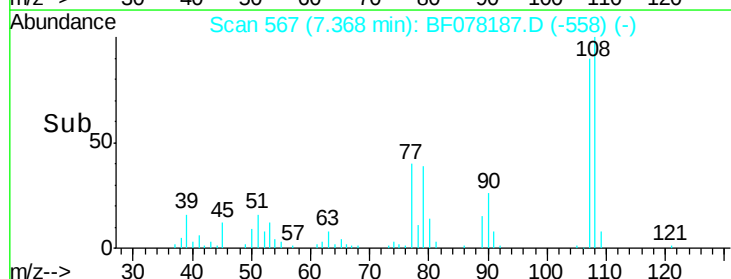
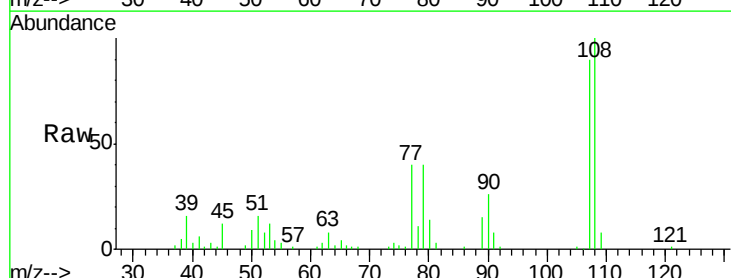
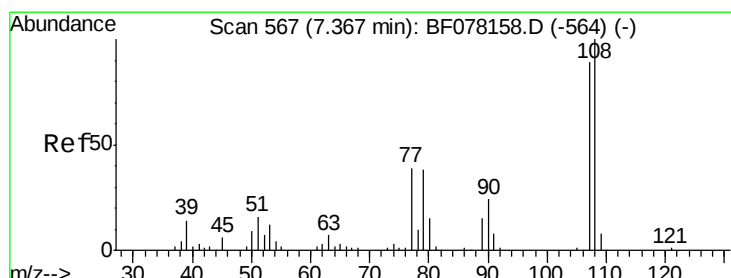
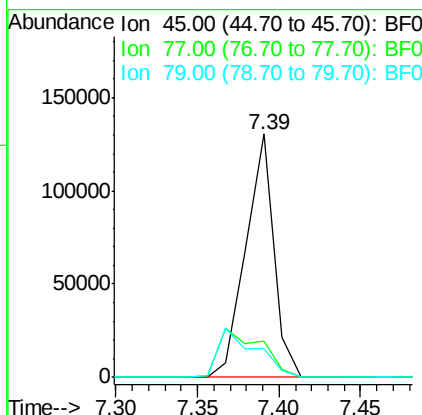
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 46.27 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

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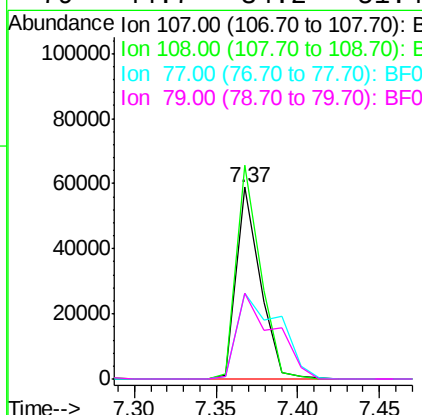
apatel
4/2/2015 5:52:03 PM

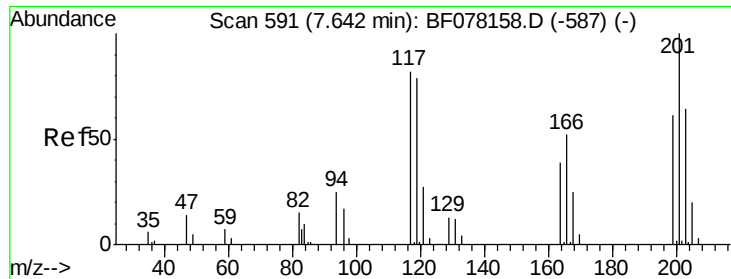
Tot Ion	Ratio	Resp	Lower	Upper
45	100	155555		
77	14.8	0.0	34.5	
79	12.0	0.0	31.9	



#17
2-Methylphenol
Concen: 27.75 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	59465		
108	111.3	90.3	135.5	
77	44.7	35.5	53.3	
79	44.7	34.2	51.4	





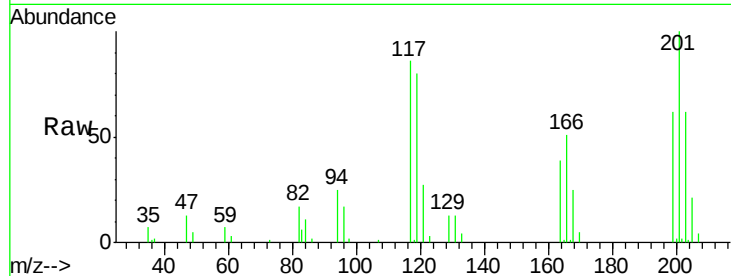
#18
Hexachloroethane
Concen: 39.03 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	40165		
119	92.8	77.0	115.6	
201	115.6	98.1	147.1	

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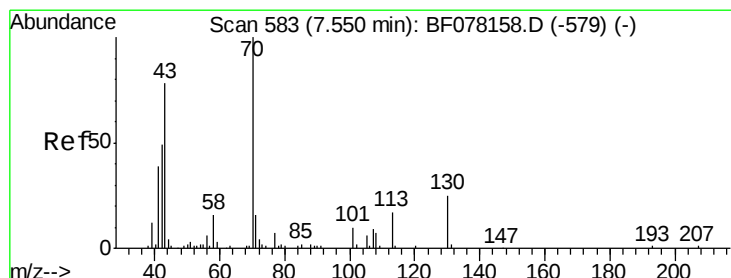
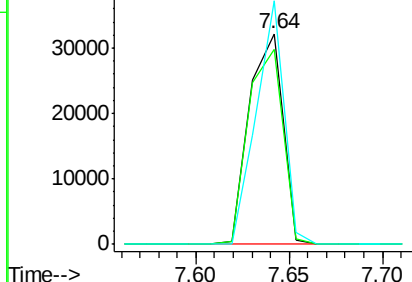
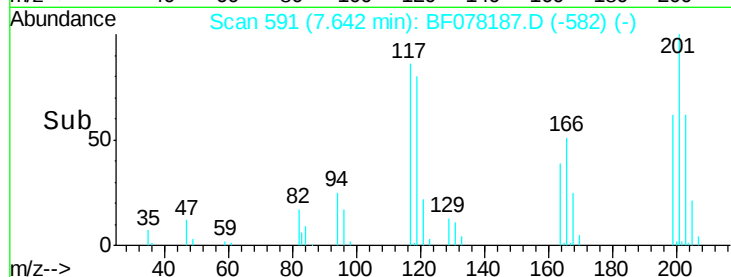


Abundance

Ion 117.00 (116.70 to 117.70): E

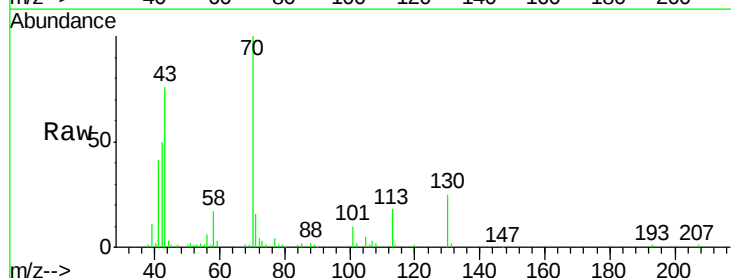
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 45.70 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	88185		
42	49.5	38.9	58.3	
101	10.2	8.3	12.5	
130	24.8	19.8	29.8	



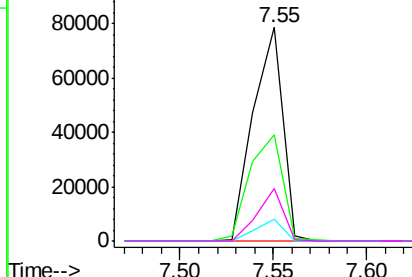
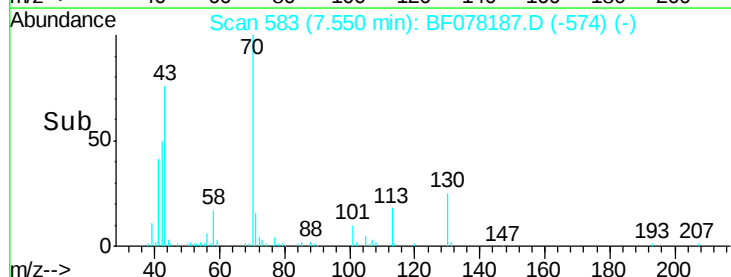
Abundance

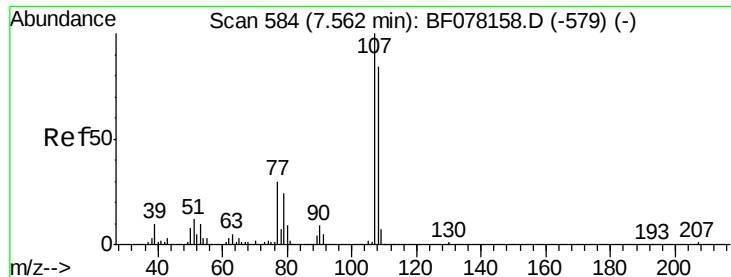
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





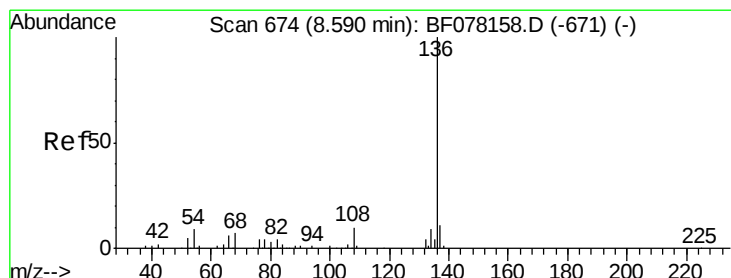
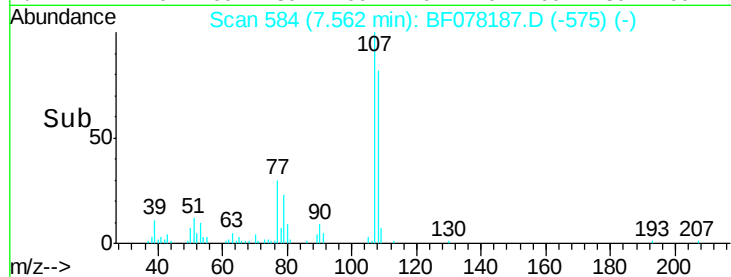
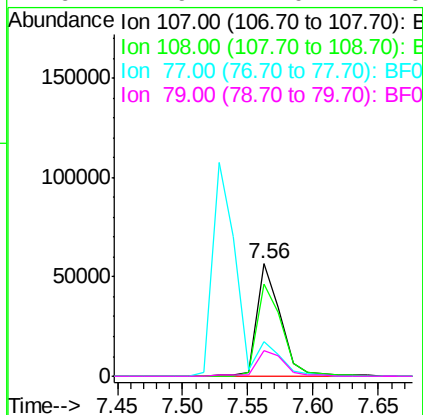
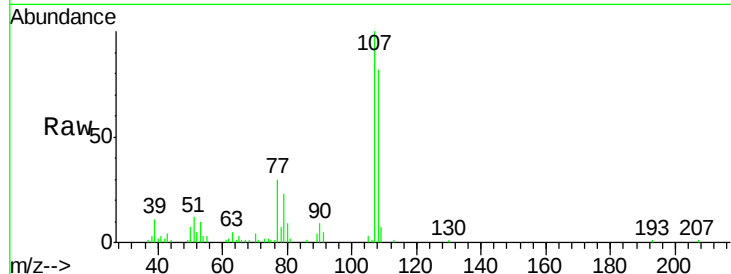
#20
3+4-Methylphenols
Concen: 25.30 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion:	107	Resp:	72318
Ion Ratio	Lower	Upper	
107	100		
108	81.5	64.4	104.4
77	30.3	9.7	49.7
79	22.9	4.0	44.0

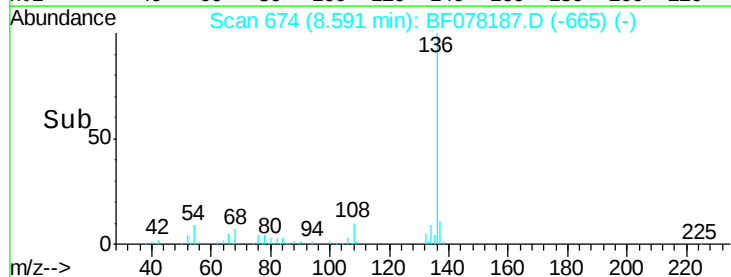
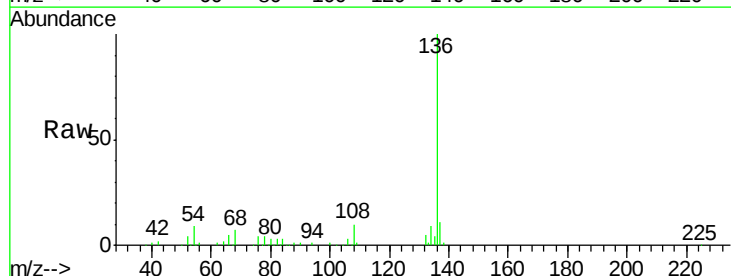
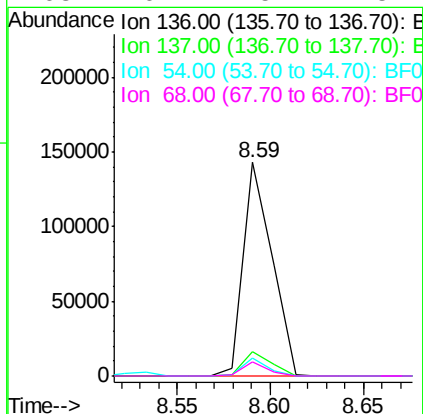
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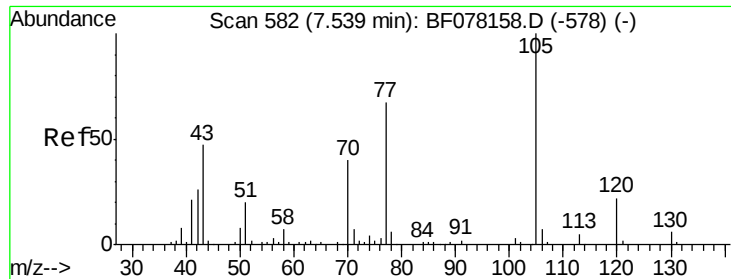
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion:	136	Resp:	152810
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	8.5	7.0	10.6
68	6.7	5.4	8.2





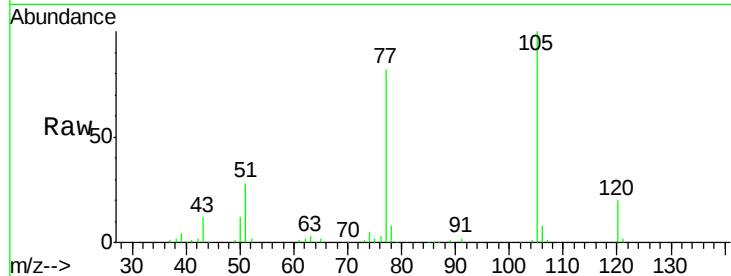
#22
Acetophenone
Concen: 47.17 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	100		167961		
71	0.0	5.5	8.3#		
51	28.3	16.0	24.0#		
120	20.4	17.8	26.6		

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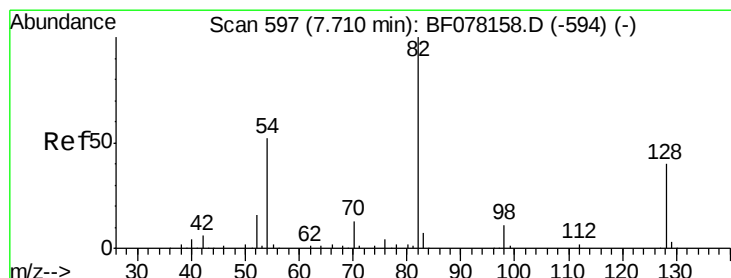
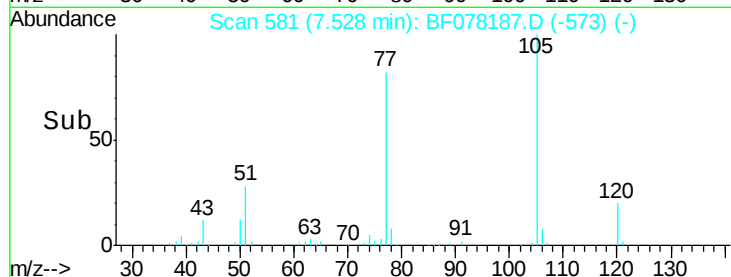
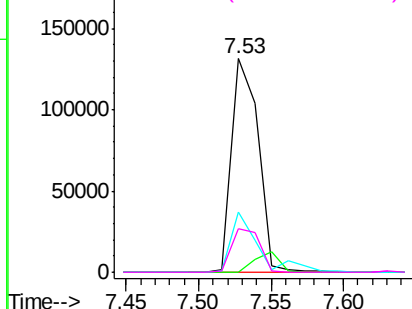


Abundance Ion 105.00 (104.70 to 105.70): E

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



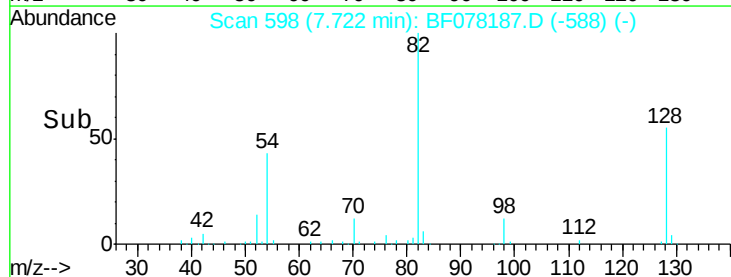
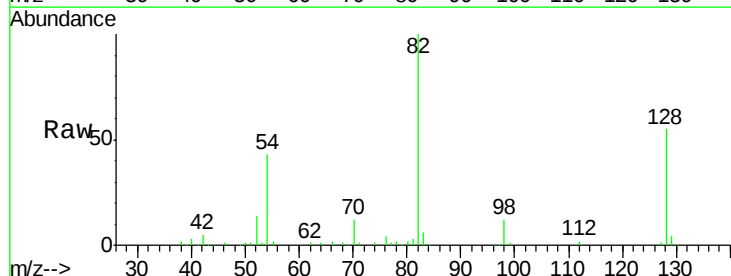
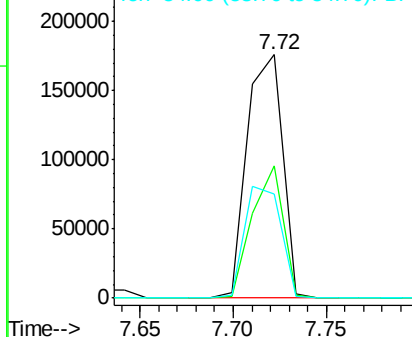
#23
Nitrobenzene-d5
Concen: 91.80 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

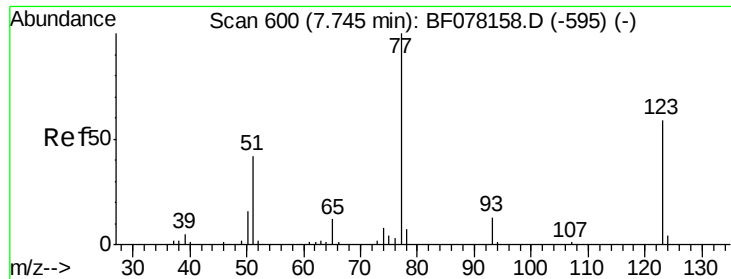
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		231443		
128	54.5	31.8	47.8#		
54	42.6	41.5	62.3		

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 47.29 ng

RT: 7.74 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

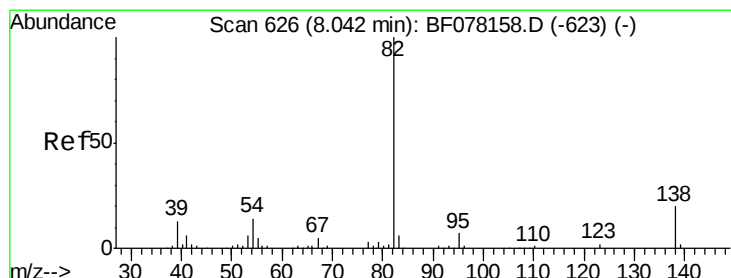
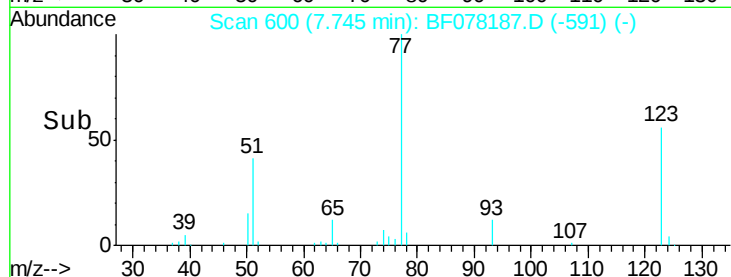
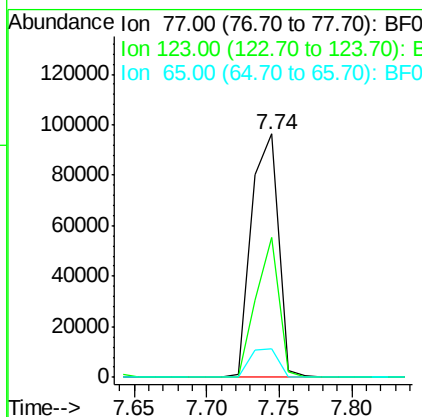
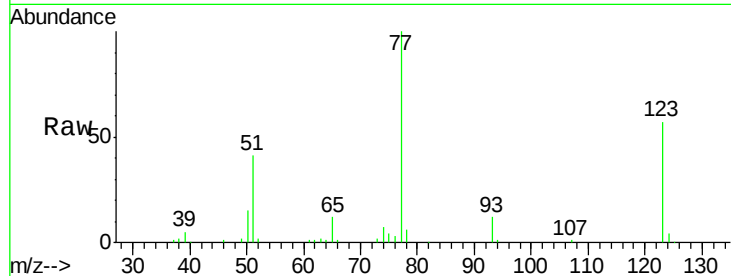
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	77	Resp:	124635
Ion Ratio	Lower	Upper	
77	100		
123	57.4	46.9	70.3
65	11.8	9.5	14.3

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#25

Isophorone

Concen: 48.60 ng

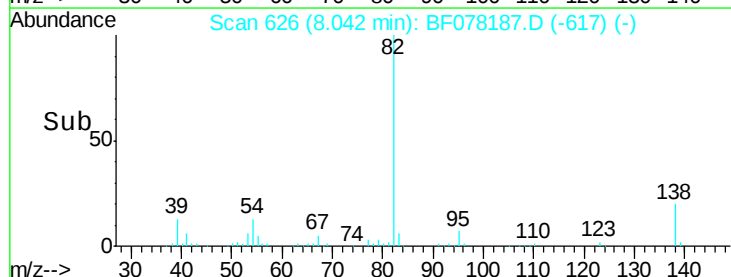
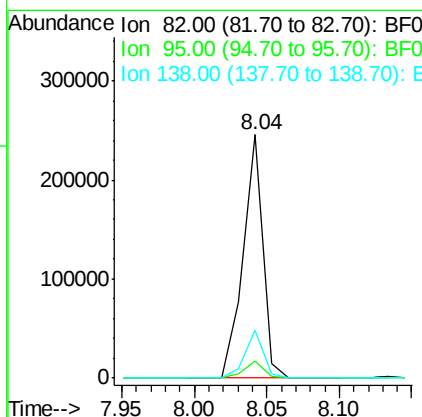
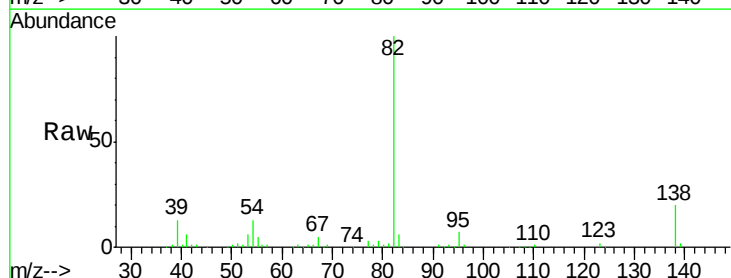
RT: 8.04 min Scan# 626

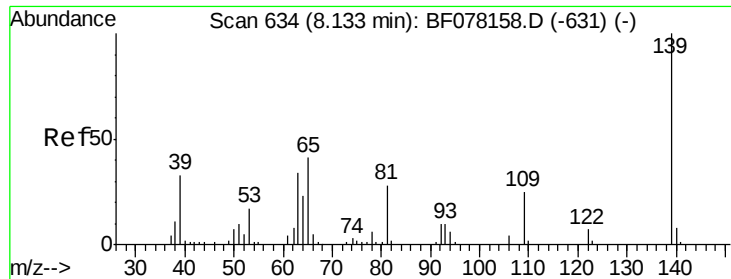
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	82	Resp:	232555
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	19.6	15.8	23.8





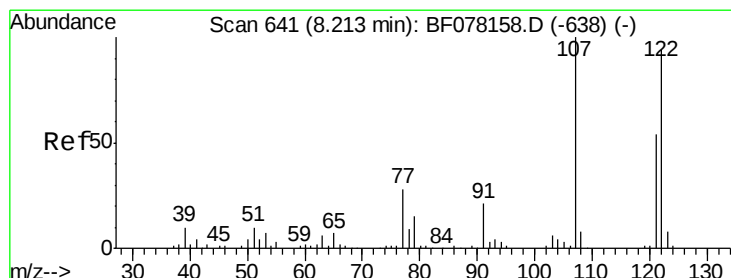
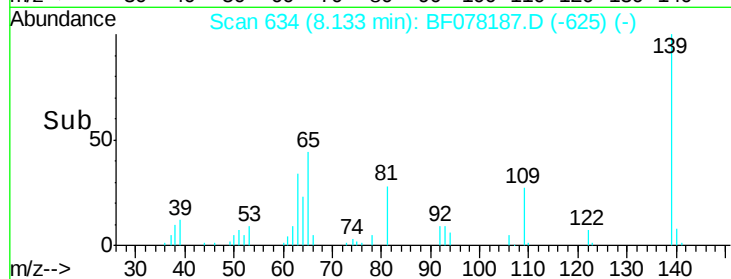
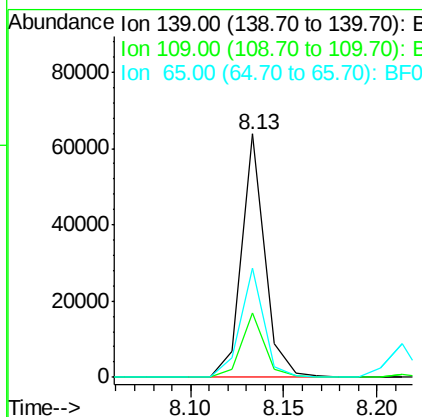
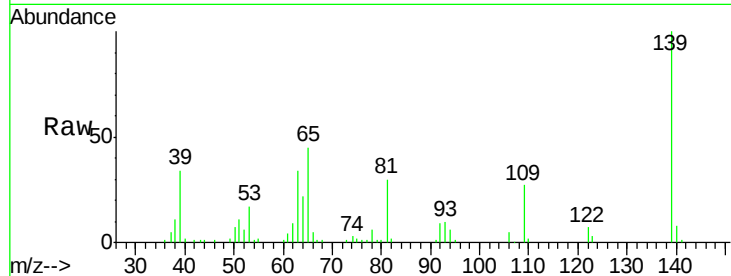
#26
2-Nitrophenol
Concen: 44.28 ng
RT: 8.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	55613		
109	26.6	19.8	29.8	
65	45.1	32.7	49.1	

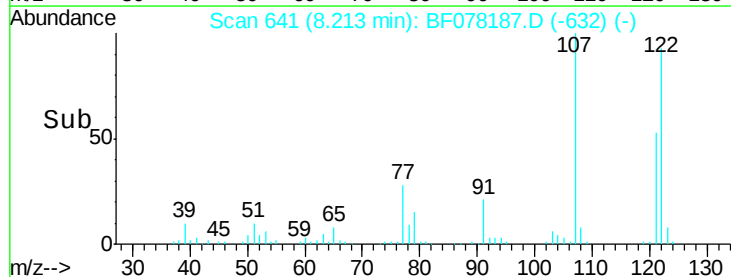
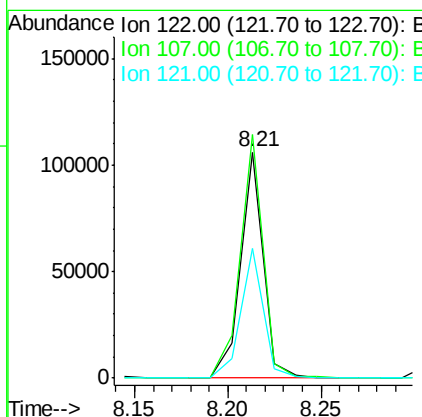
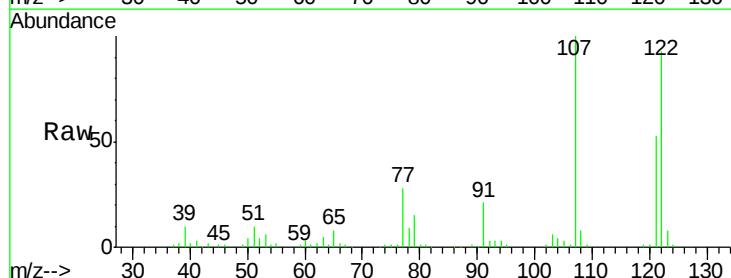
Manual Integrations
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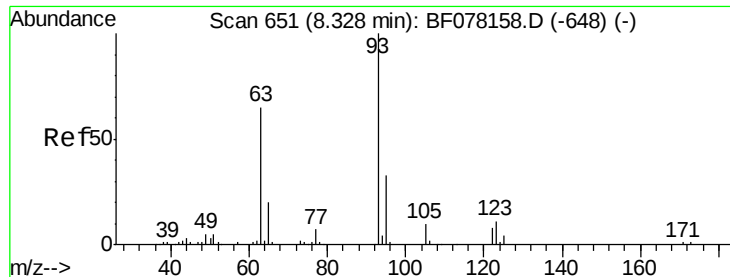
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#27
2,4-Dimethylphenol
Concen: 38.46 ng
RT: 8.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	89829		
107	107.9	84.6	127.0	
121	57.3	46.0	69.0	





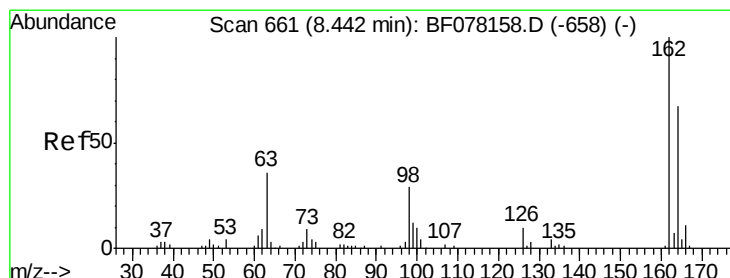
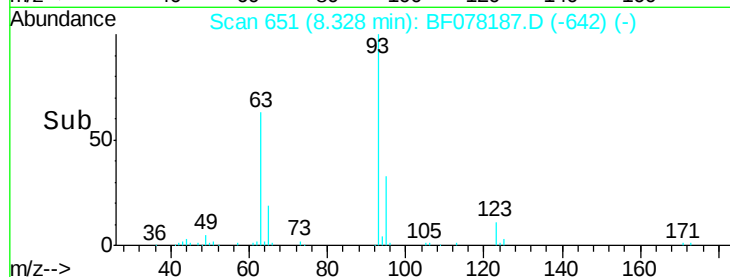
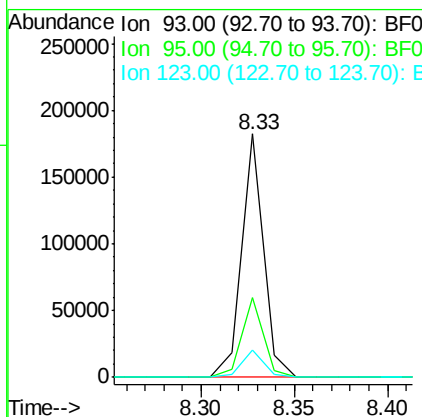
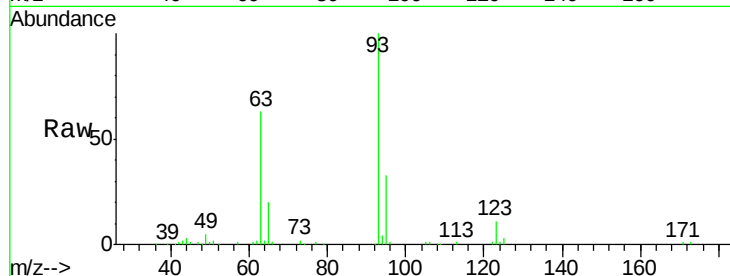
#28
bis(2-Chloroethoxy)methane
Concen: 49.04 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	26.3	39.5	
123	11.1	9.1	13.7	

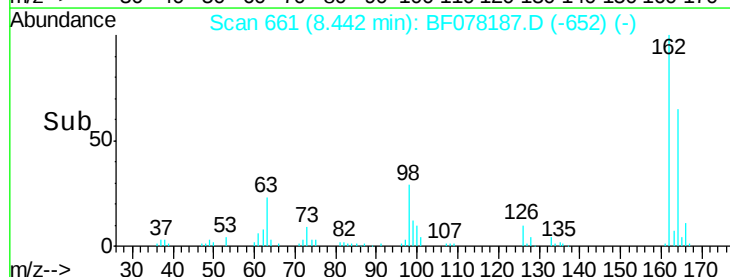
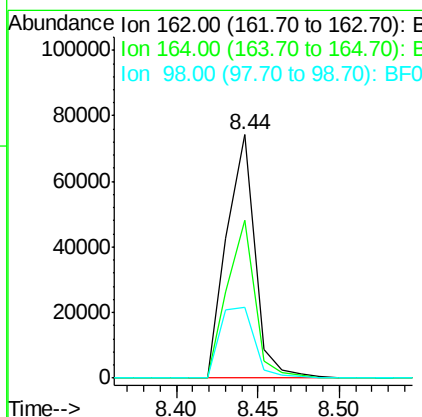
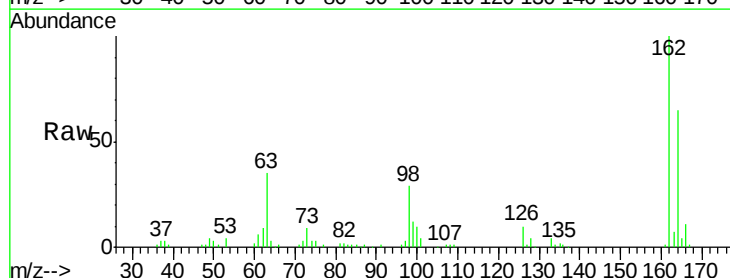
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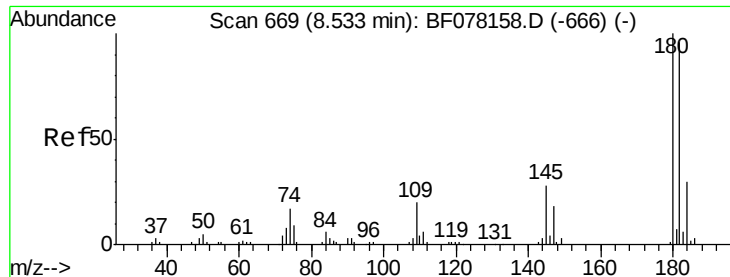
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#29
2,4-Dichlorophenol
Concen: 42.00 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.9	47.0	87.0	
98	29.2	9.2	49.2	





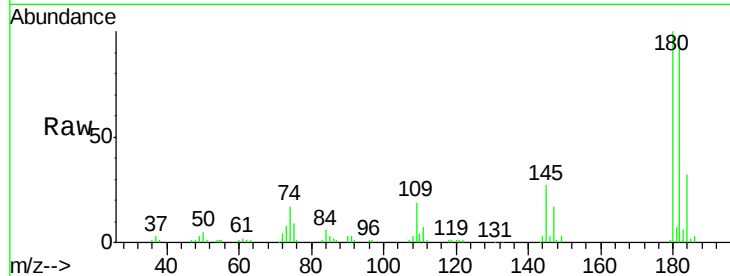
#30
 1,2,4-Trichlorobenzene
 Concen: 43.06 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

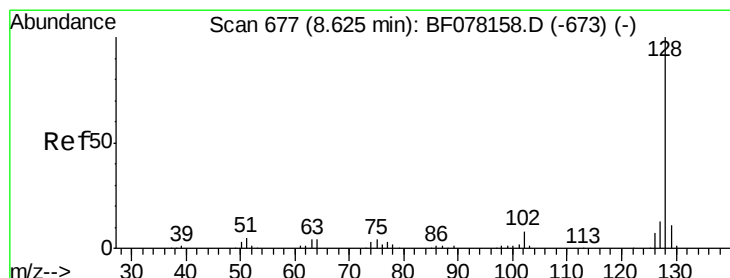
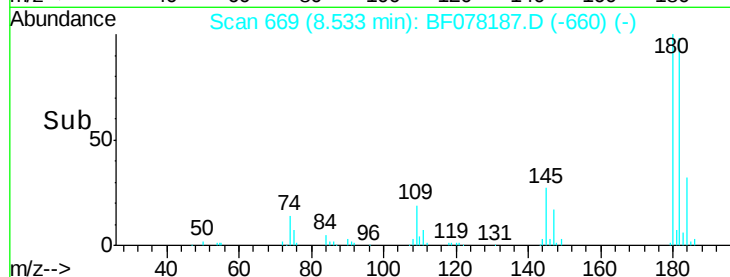
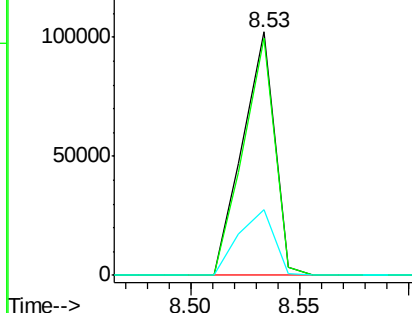
Tot Ion	Ratio	Resp	Lower	Upper
180	100	104903		
182	97.7	76.9	115.3	
145	27.0	22.5	33.7	

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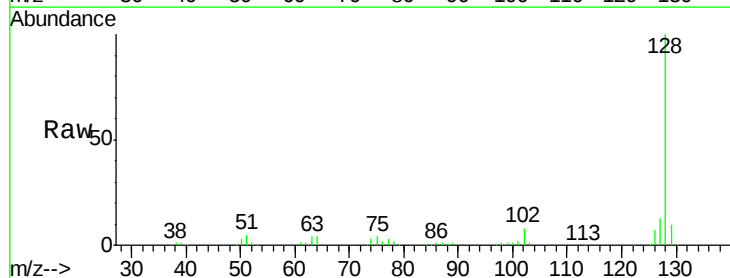


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

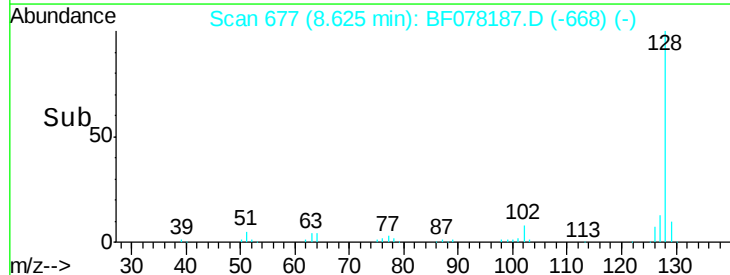
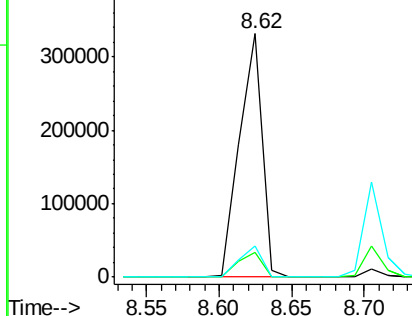


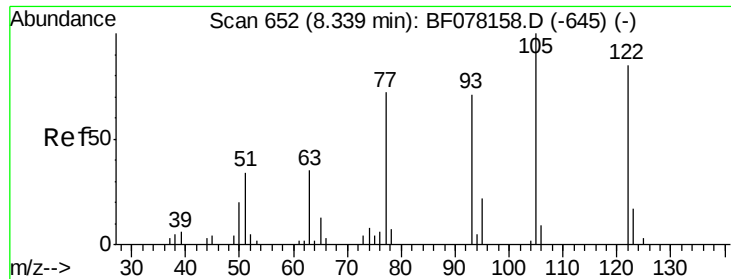
#31
 Naphthalene
 Concen: 45.23 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	359723		
129	10.4	8.6	12.8	
127	13.0	10.7	16.1	



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





#32

Benzoic acid

Concen: 14.76 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

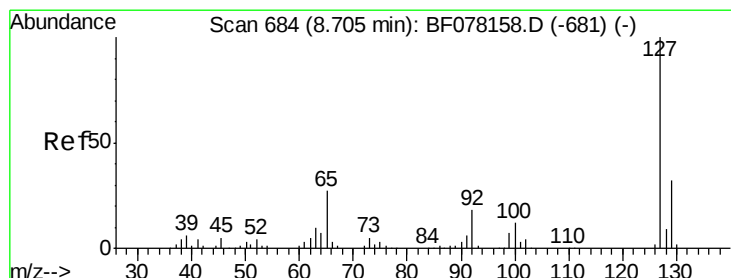
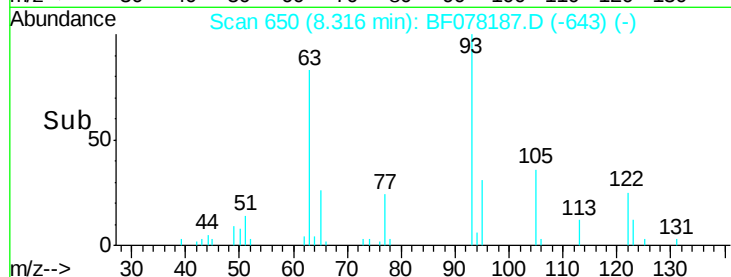
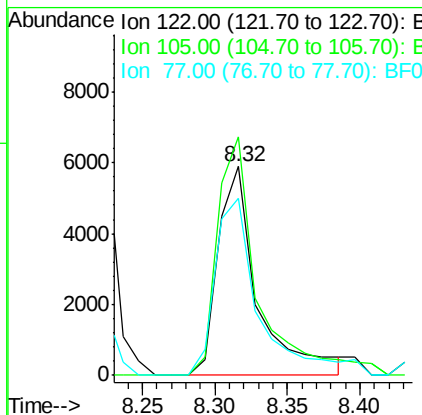
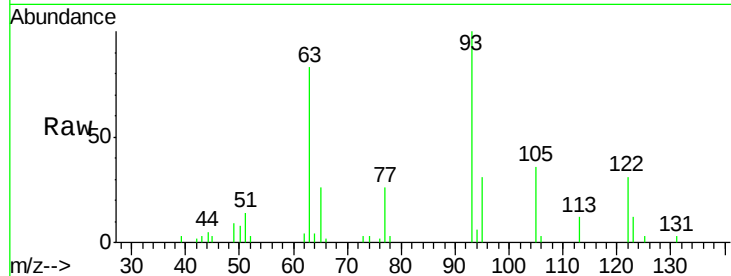
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	122	Resp:	11196
Ion Ratio	Lower	Upper	
122	100		
105	114.6	96.1	136.1
77	85.2	64.1	104.1

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#33

4-Chloroaniline

Concen: 35.34 ng

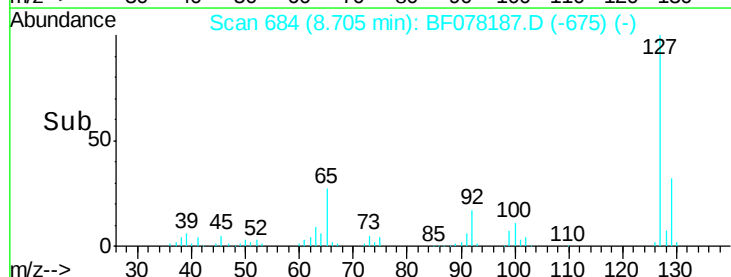
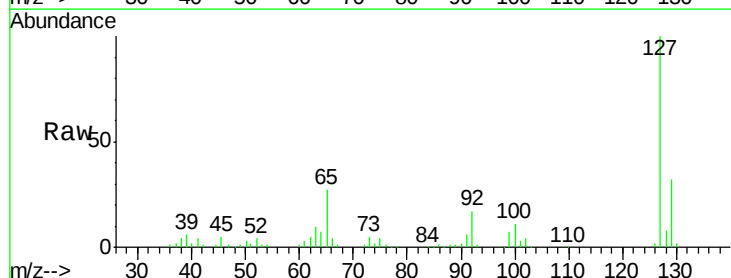
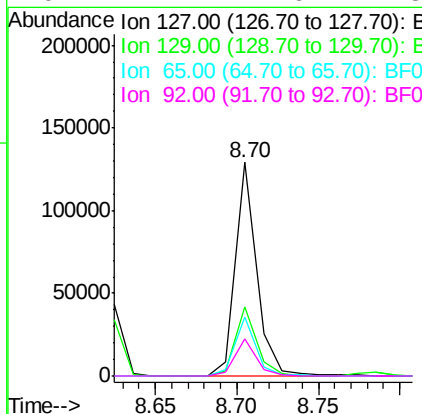
RT: 8.70 min Scan# 684

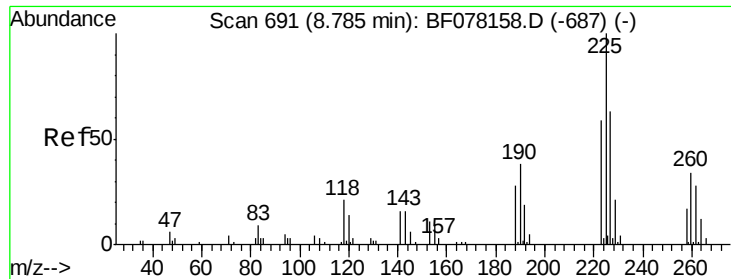
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	127	Resp:	116644
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.5	38.3
65	27.4	21.7	32.5
92	17.2	14.6	21.8





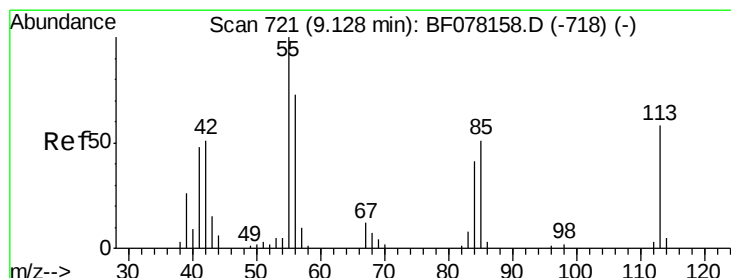
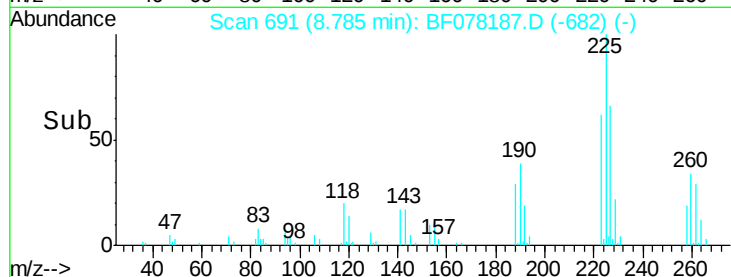
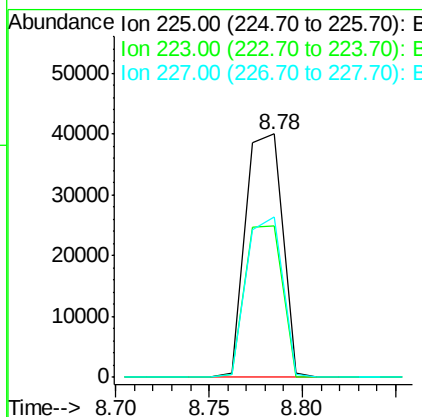
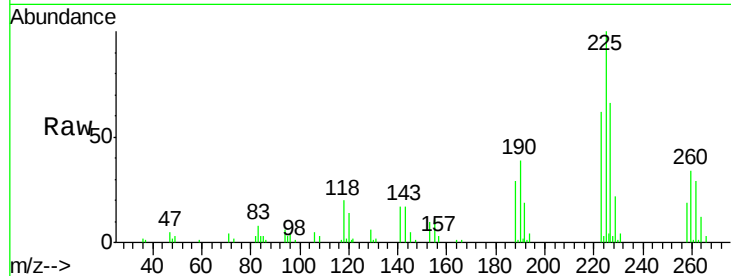
#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.3	47.5	71.3
227	65.6	50.2	75.2

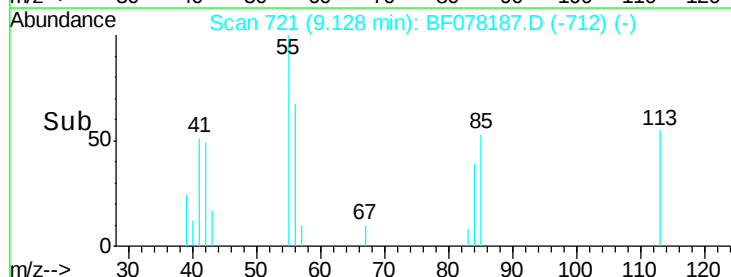
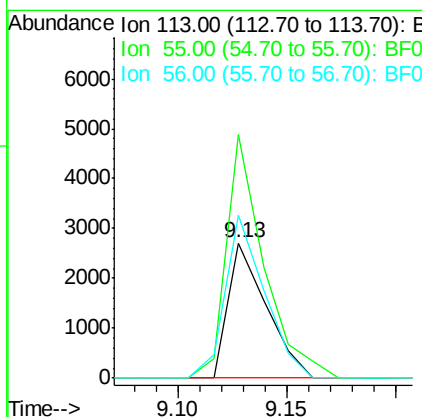
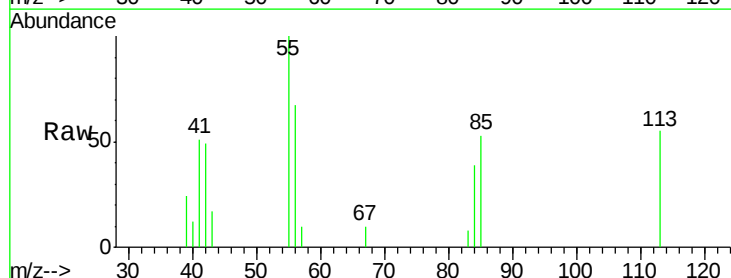
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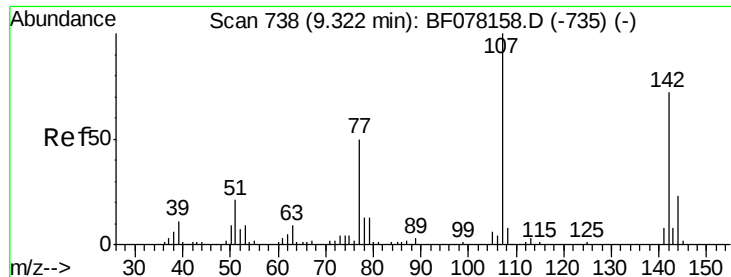
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#35
Caprolactam
Concen: 5.22 ng
RT: 9.13 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	180.3	151.9	191.9
56	121.1	106.1	146.1





#36

4-Chloro-3-methylphenol

Concen: 41.31 ng

RT: 9.32 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

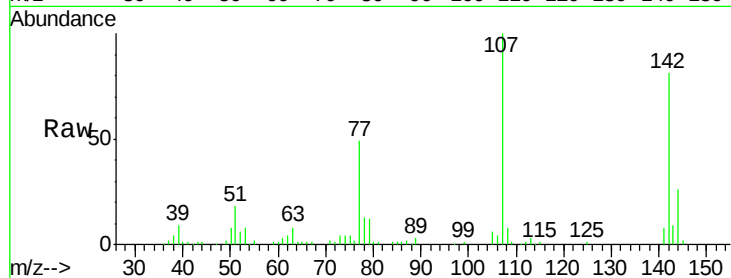
ClientSampleId :

DCW-WW-109-33015MSD

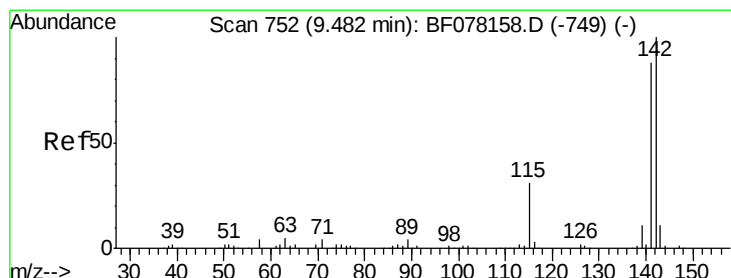
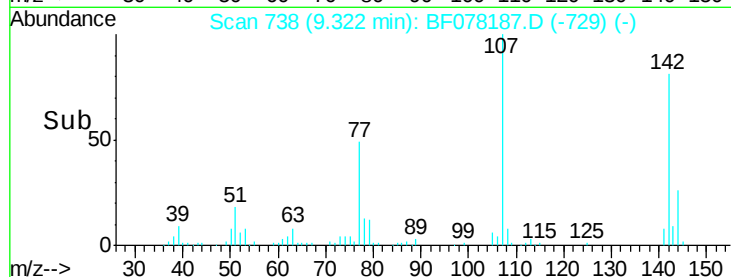
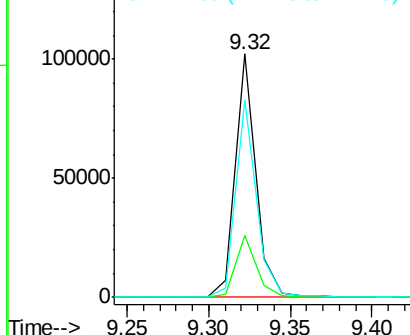
Tot Ion:	107	Resp:	88565
Ion Ratio	Lower	Upper	
107	100		
144	25.5	18.2	27.2
142	80.9	58.0	87.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 47.50 ng

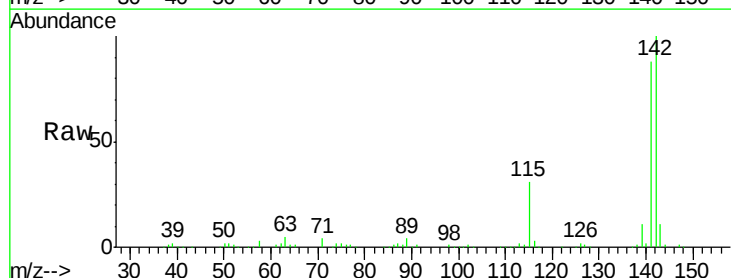
RT: 9.48 min Scan# 752

Delta R.T. 0.00 min

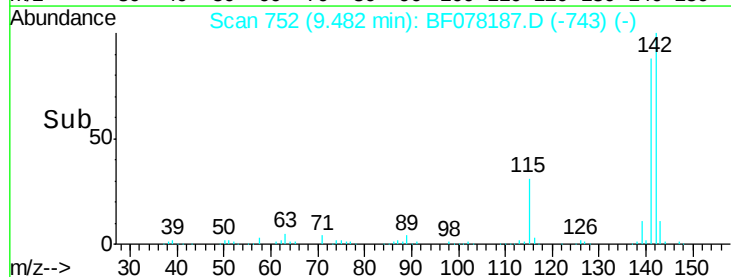
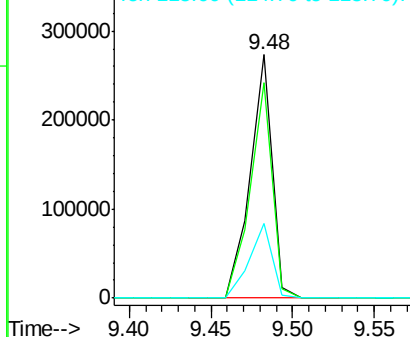
Lab File: BF078187.D

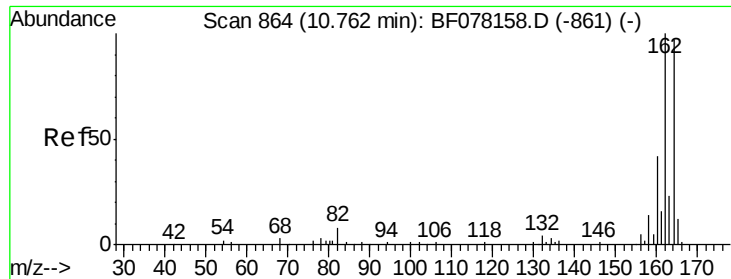
Acq: 2 Apr 2015 8:54

Tgt Ion:	142	Resp:	256518
Ion Ratio	Lower	Upper	
142	100		
141	88.4	70.3	105.5
115	30.7	24.6	37.0



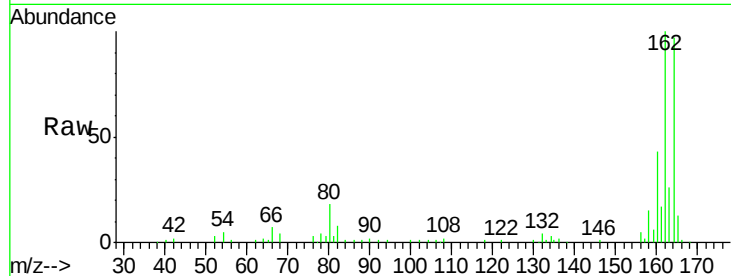
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

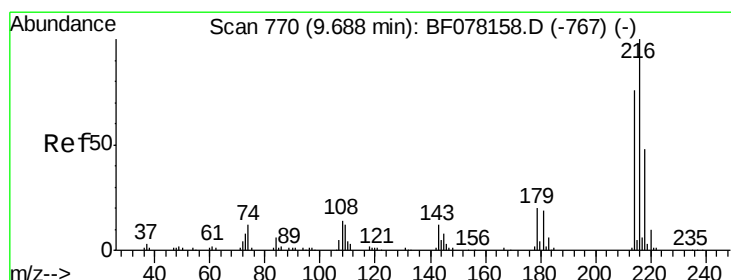
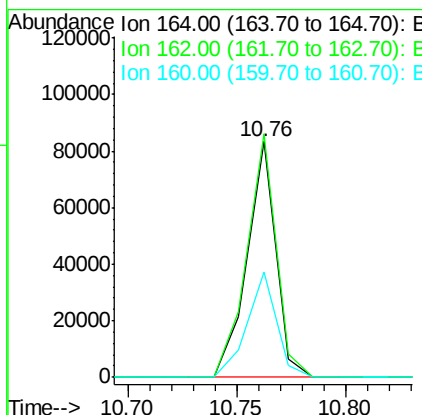
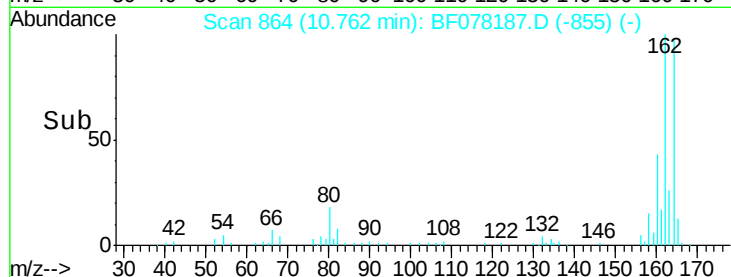
Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD



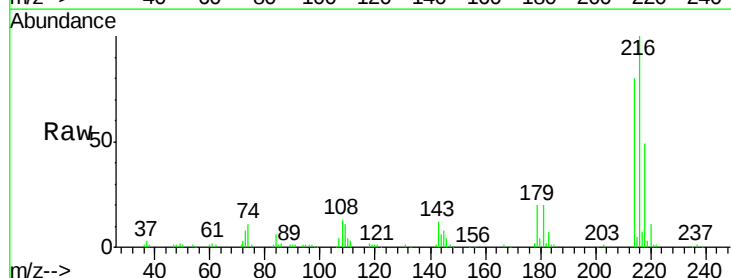
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.2	123.2
160	44.7	34.7	52.1

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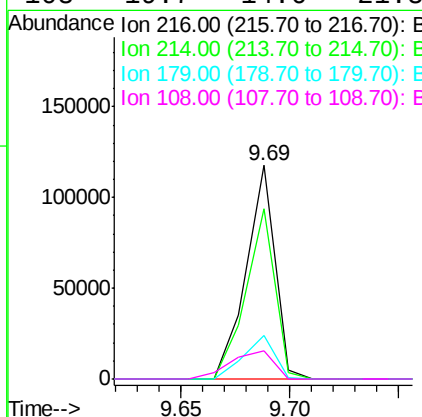
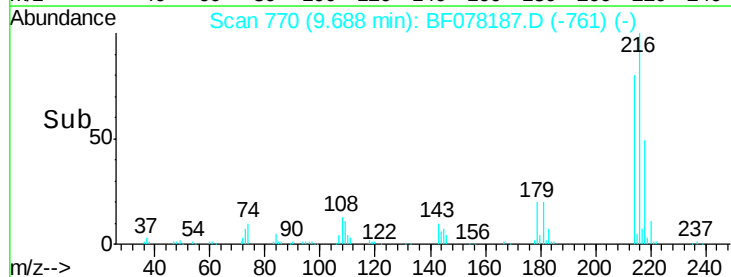
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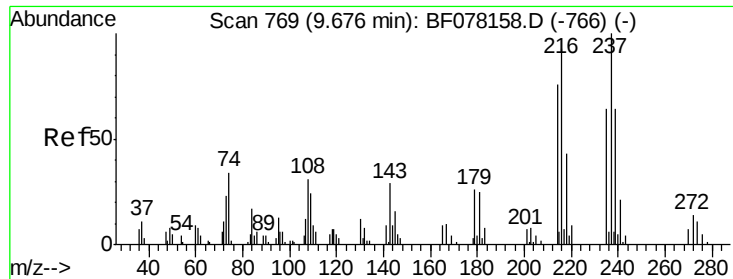


#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.76 ng
RT: 9.69 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54



Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	62.0	93.0
179	22.1	17.3	25.9
108	19.7	14.6	21.8





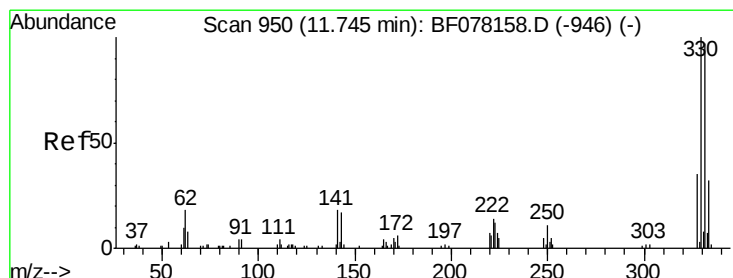
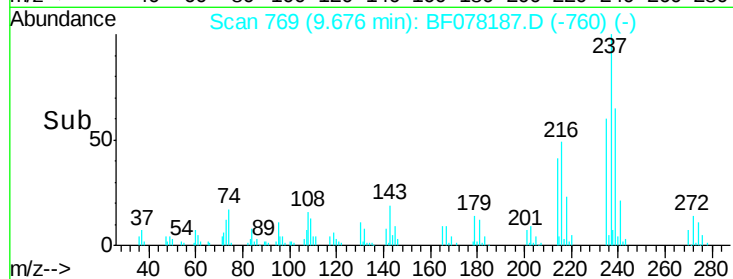
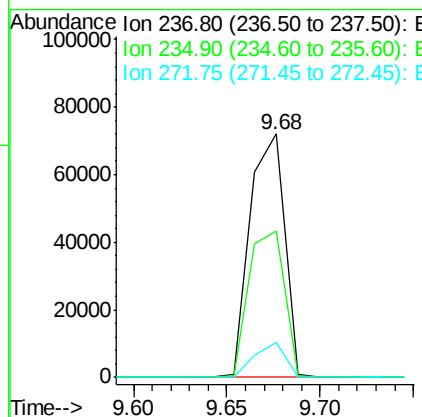
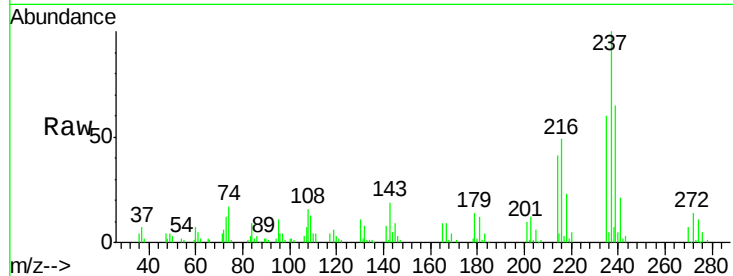
#40
Hexachlorocyclopentadiene
Concen: 89.69 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.1	44.1	84.1
272	14.2	0.0	34.4

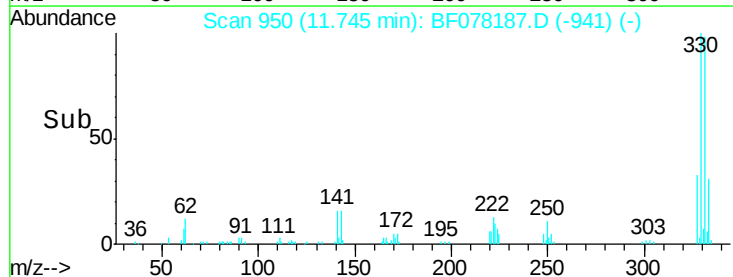
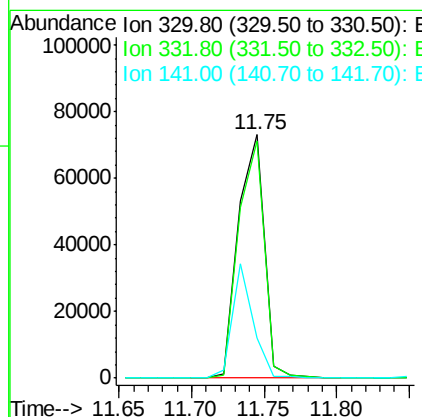
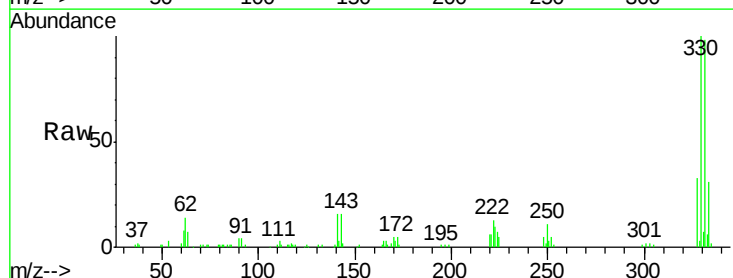
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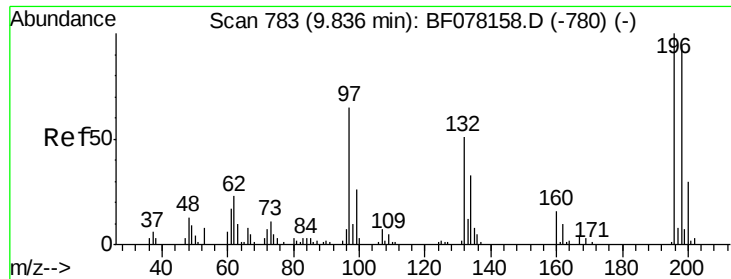
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#41
2,4,6-Tribromophenol
Concen: 143.70 ng
RT: 11.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	78.6	117.8
141	37.5	31.2	46.8





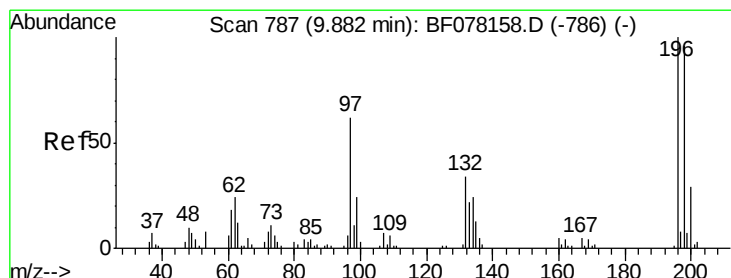
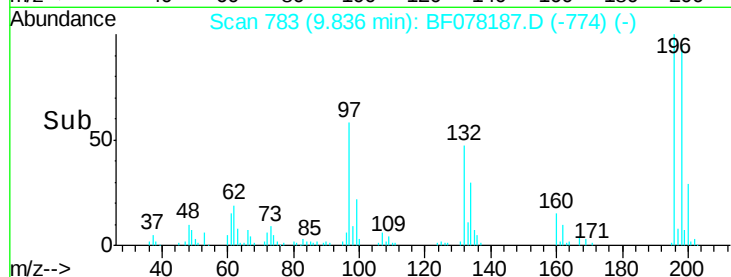
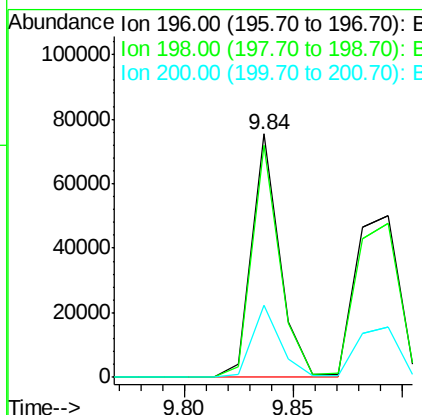
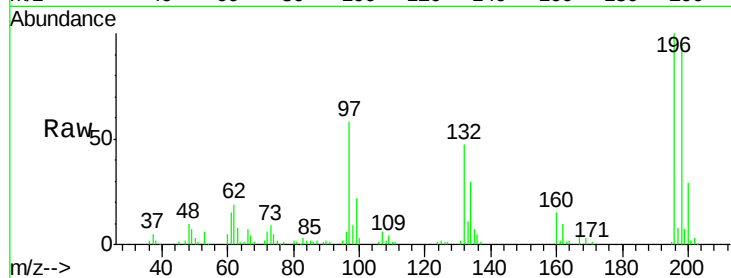
#42
 2,4,6-Trichlorophenol
 Concen: 45.39 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	67766		
198	95.3	75.4	113.2	
200	29.5	24.0	36.0	

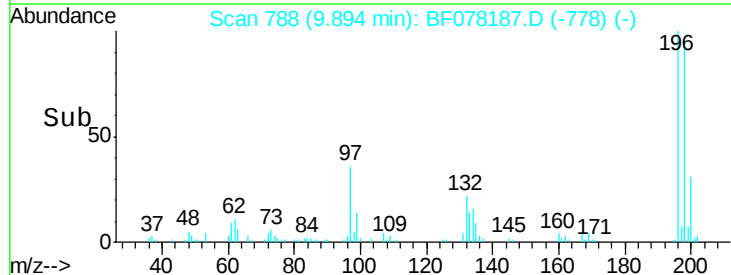
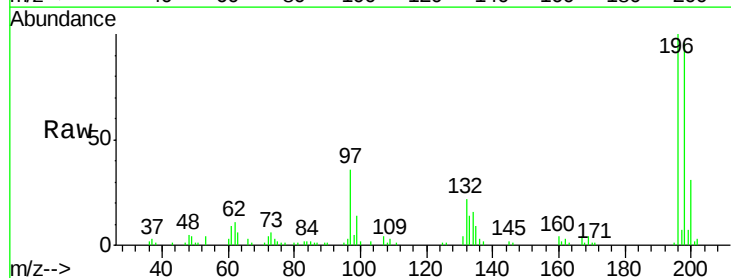
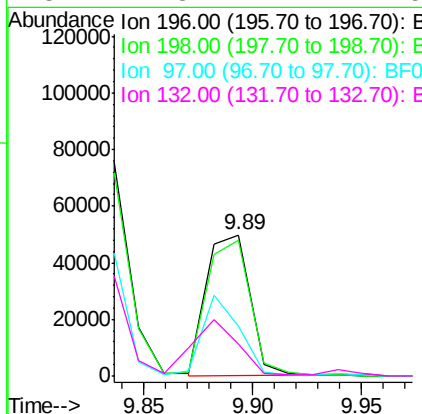
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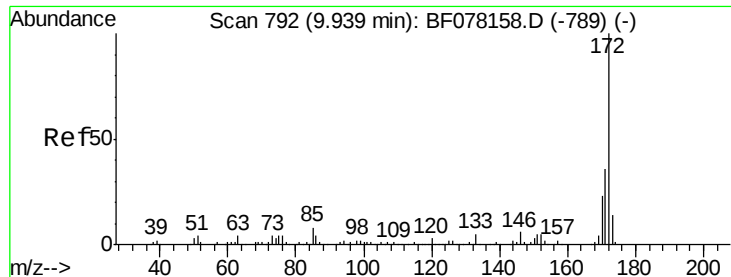
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#43
 2,4,5-Trichlorophenol
 Concen: 44.44 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69316		
198	95.6	76.6	115.0	
97	35.7	50.6	75.8#	
132	22.3	27.7	41.5#	





#44

2-Fluorobiphenyl

Concen: 94.22 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

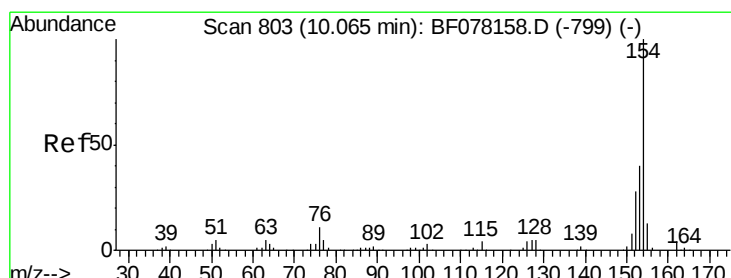
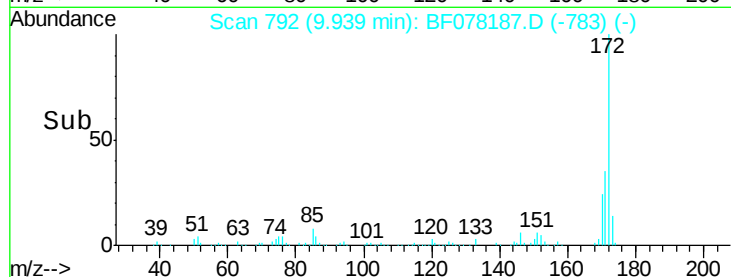
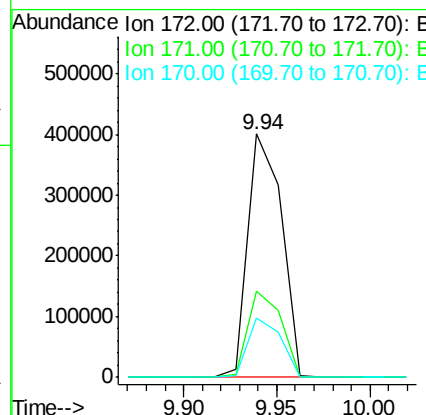
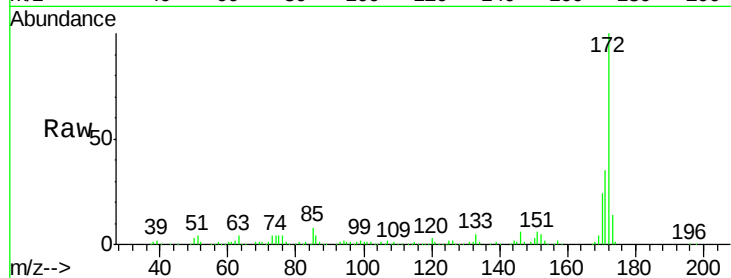
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	172	Resp:	503635
Ion Ratio		Lower	Upper
172	100		
171	35.2	28.6	42.8
170	24.2	18.5	27.7

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#45

1,1'-Biphenyl

Concen: 48.69 ng

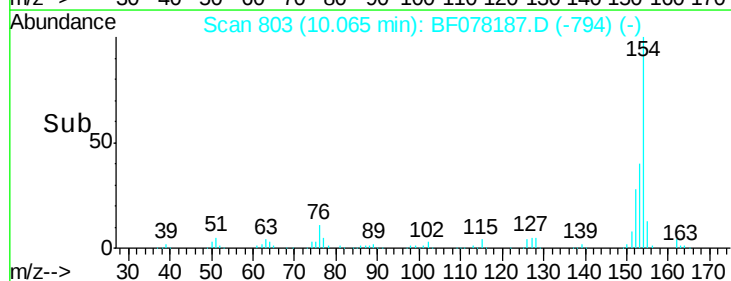
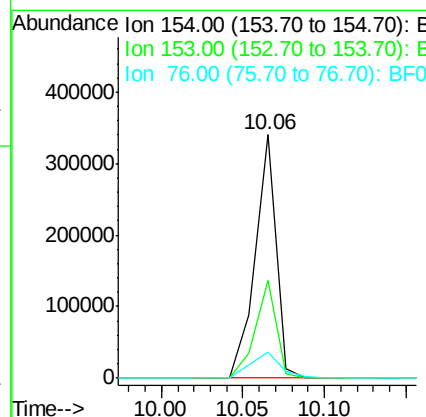
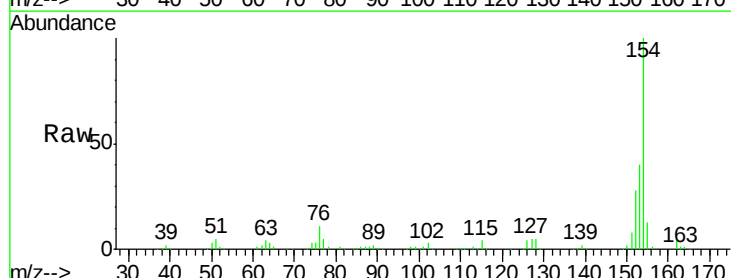
RT: 10.06 min Scan# 803

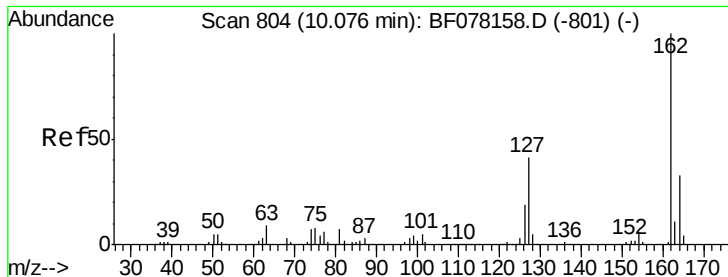
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	154	Resp:	304288
Ion Ratio		Lower	Upper
154	100		
153	40.1	20.0	60.0
76	10.8	0.0	30.6





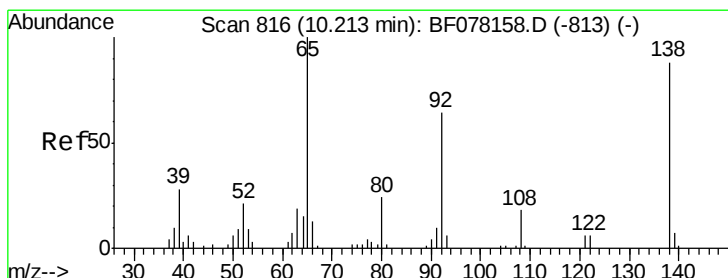
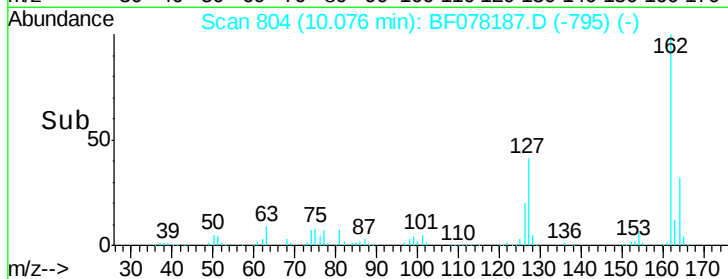
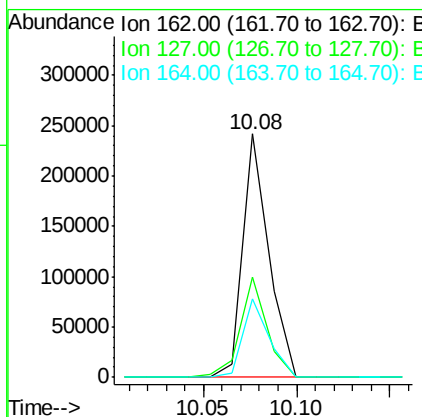
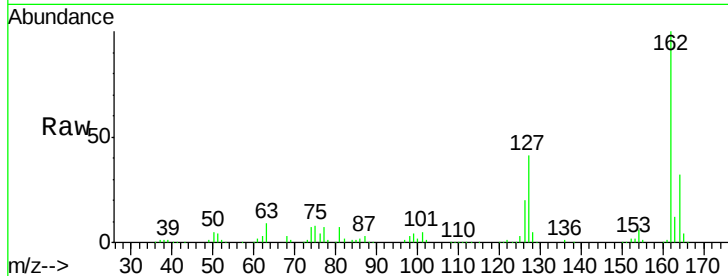
#46
 2-Chloronaphthalene
 Concen: 47.70 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.2	32.6	49.0
164	32.4	26.0	39.0

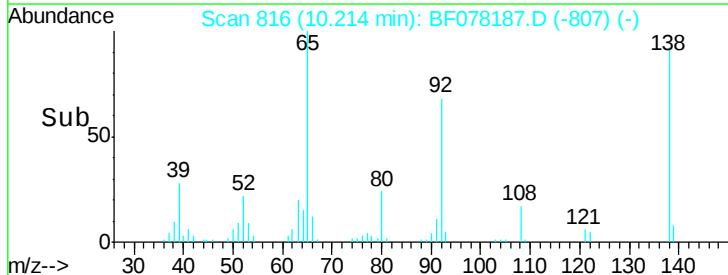
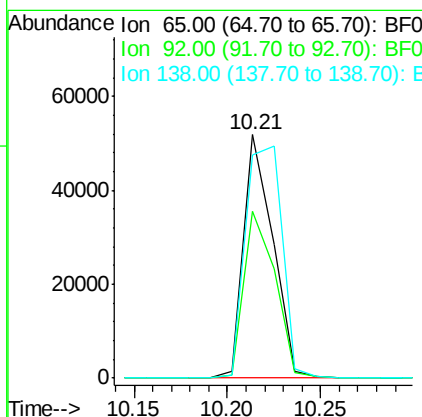
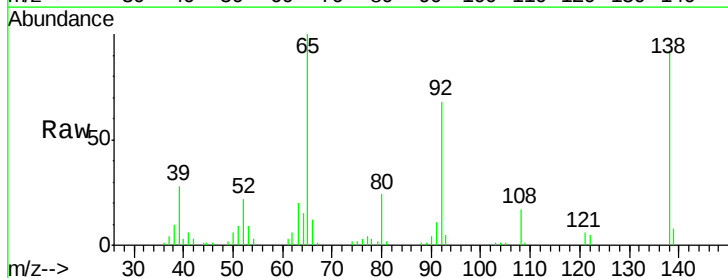
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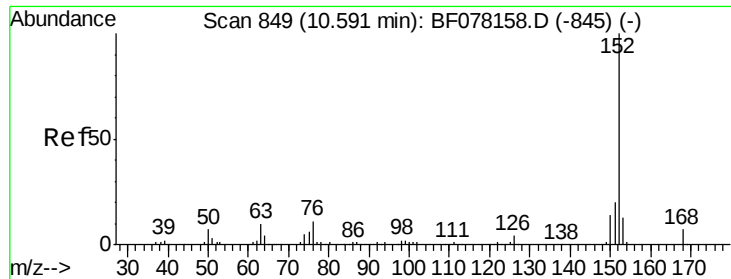
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#47
 2-Nitroaniline
 Concen: 46.95 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.4	51.3	76.9
138	91.9	70.4	105.6





#48

Acenaphthylene

Concen: 46.62 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

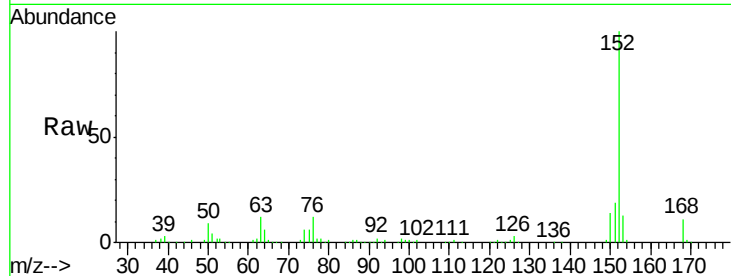
ClientSampleId :

DCW-WW-109-33015MSD

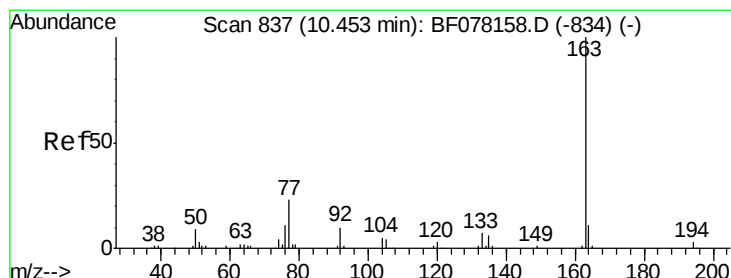
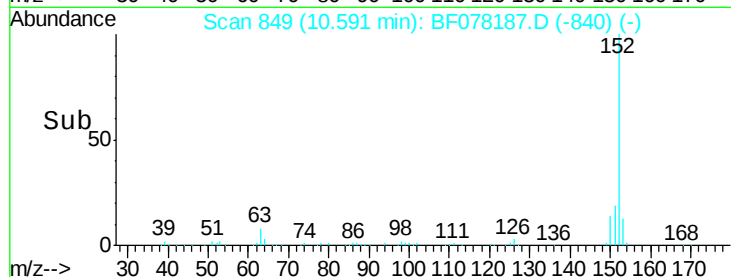
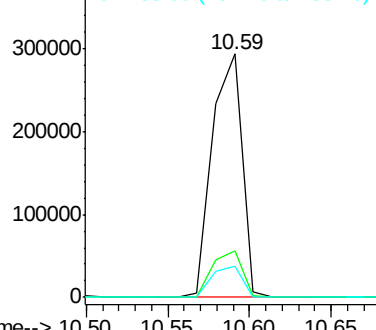
Tot Ion:	152	Resp:	370195
Ion Ratio		Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.7	10.2	15.2

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 48.86 ng

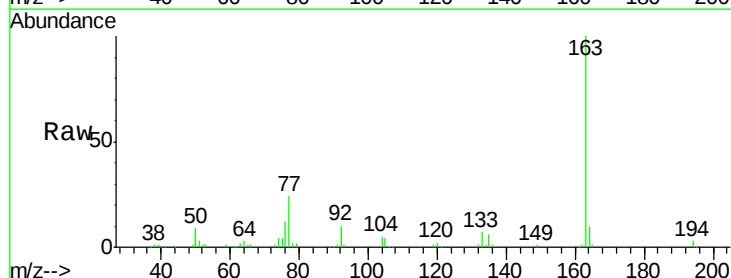
RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

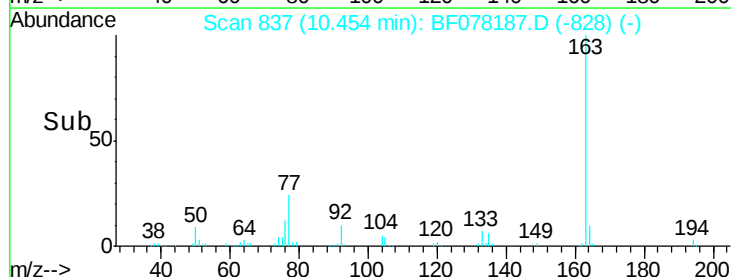
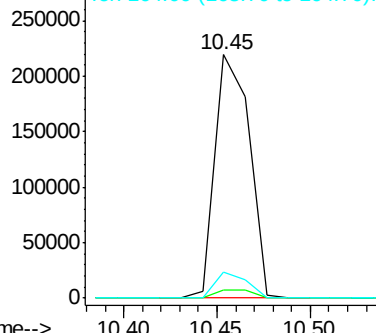
Lab File: BF078187.D

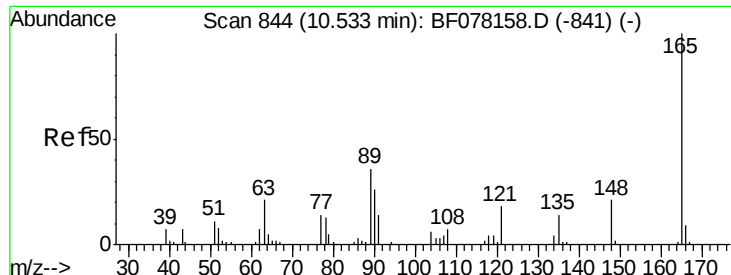
Acq: 2 Apr 2015 8:54

Tgt Ion:	163	Resp:	280486
Ion Ratio		Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.5	8.6	13.0



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





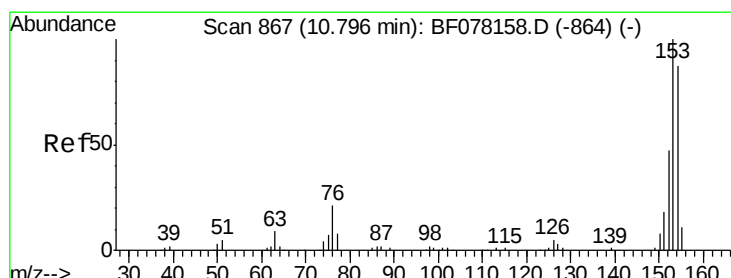
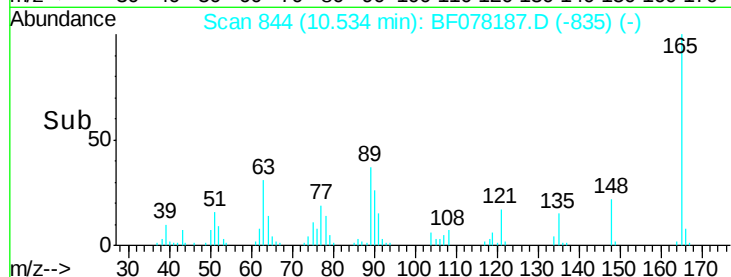
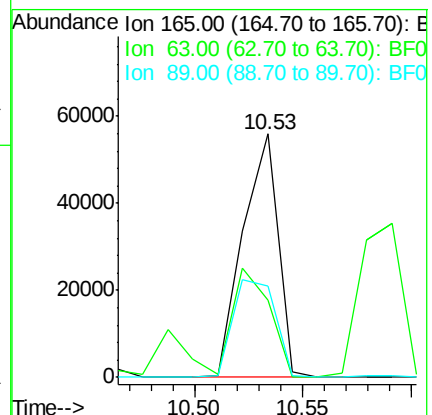
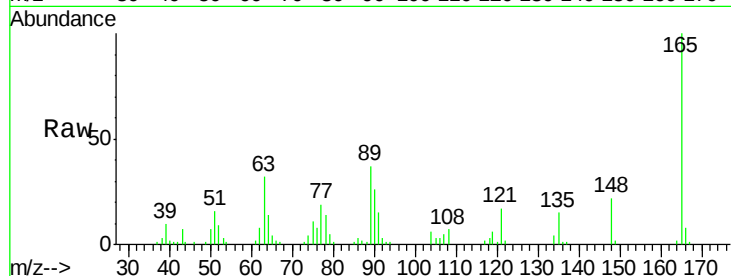
#50
2,6-Dinitrotoluene
Concen: 52.91 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	31.7	24.1	36.1
89	37.3	28.9	43.3

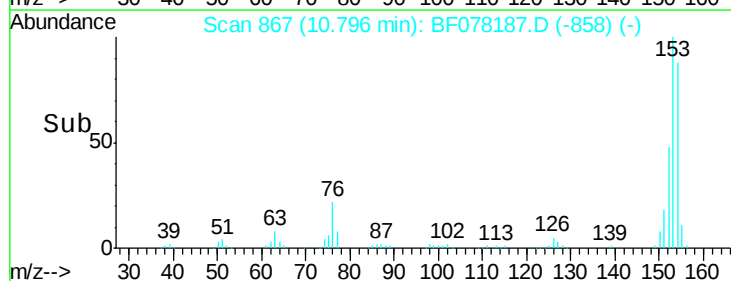
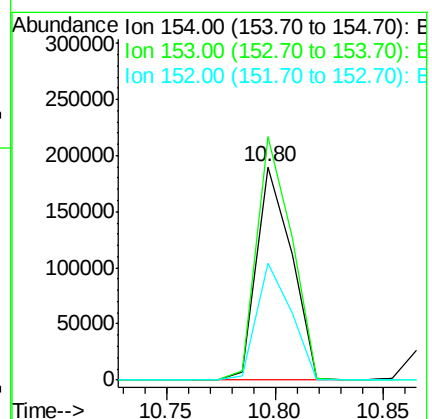
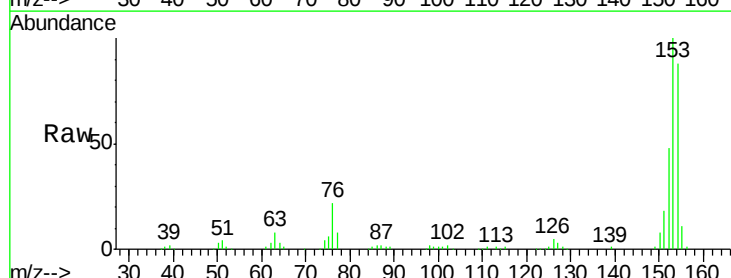
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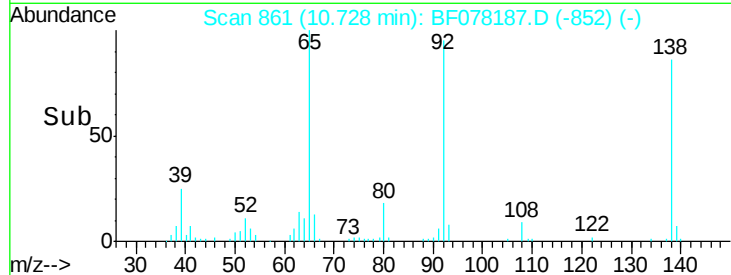
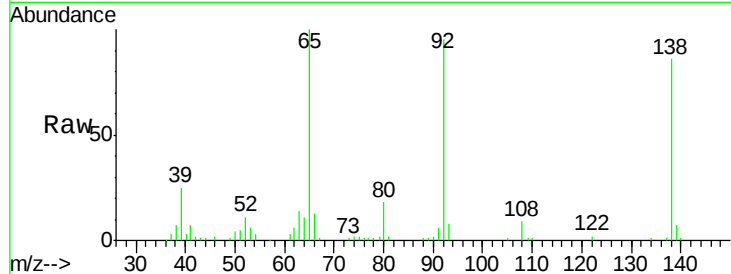
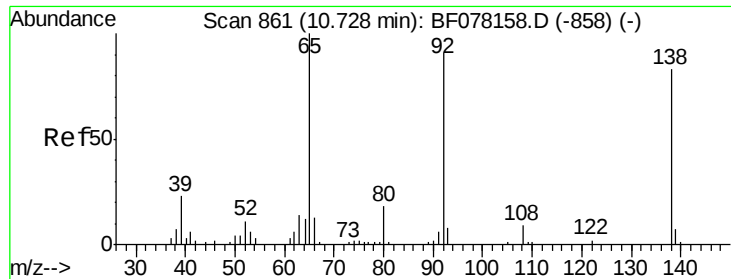
apatel
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#51
Acenaphthene
Concen: 47.63 ng
RT: 10.80 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.1	91.4	137.2
152	54.5	43.0	64.6





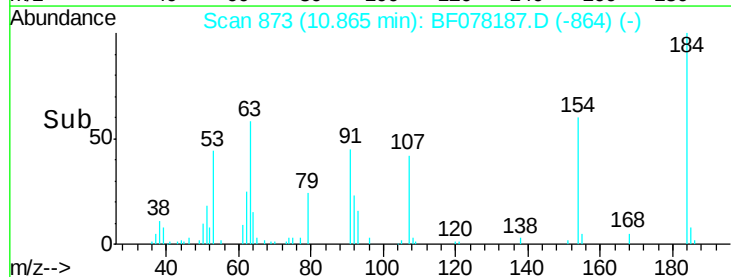
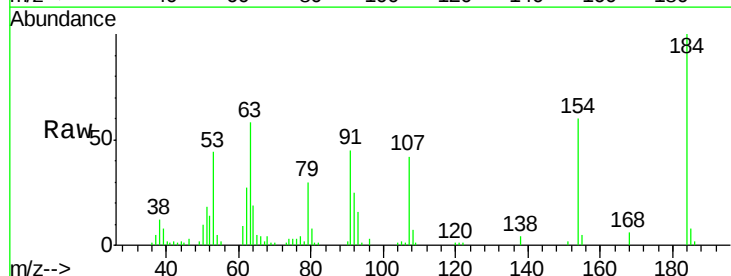
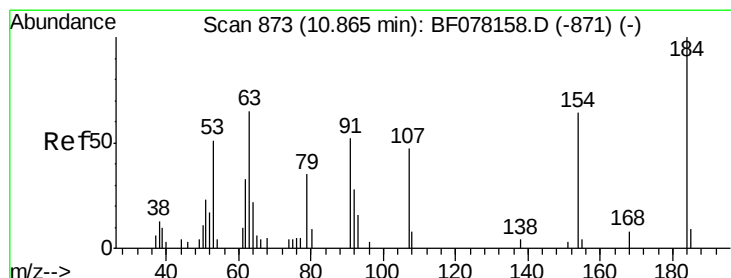
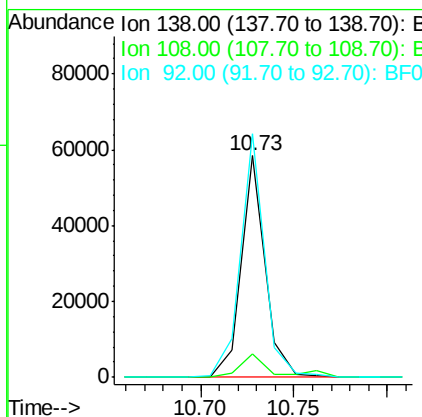
#52
3-Nitroaniline
Concen: 38.63 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	110.1	88.4	132.6

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

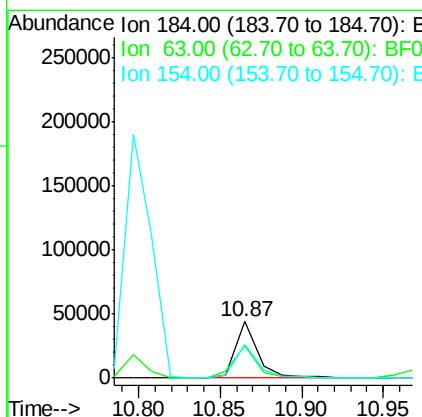
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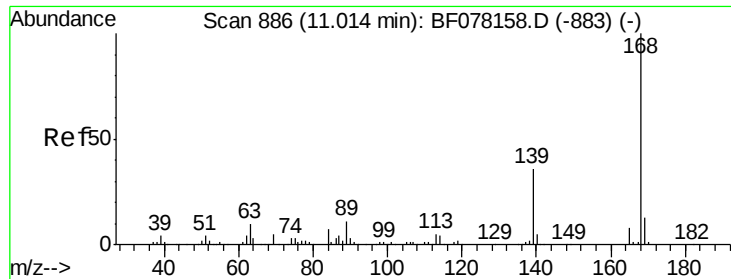
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#53
2,4-Dinitrophenol
Concen: 87.78 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	51.9	77.9
154	60.4	51.0	76.4





#54

Dibenzenofuran

Concen: 49.22 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF078187.D

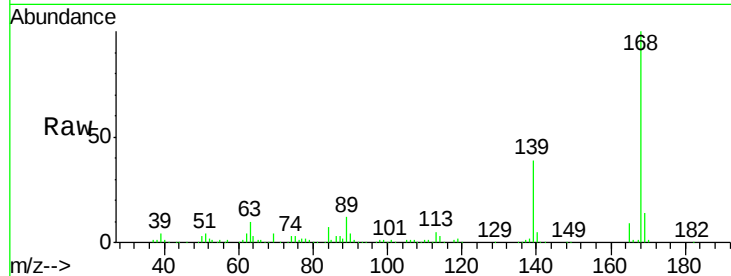
Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

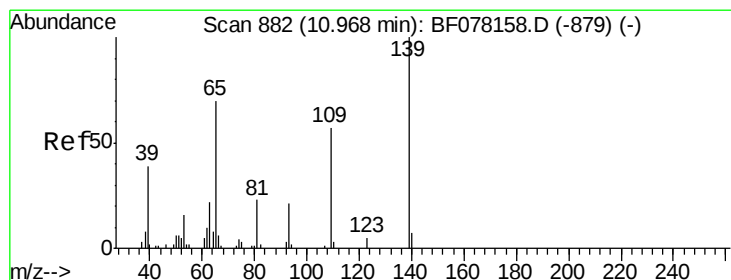
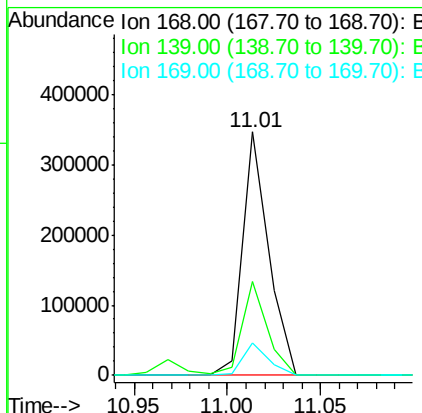
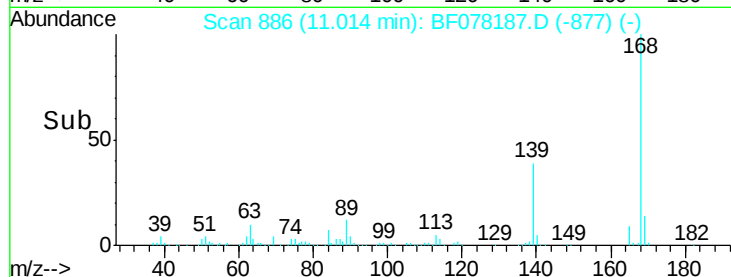
DCW-WW-109-33015MSD



Tot Ion	168	Resp	336106
Ion Ratio	Lower	Upper	
168	100		
139	38.6	31.0	46.4
169	13.5	10.7	16.1

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#55

4-Nitrophenol

Concen: 26.77 ng

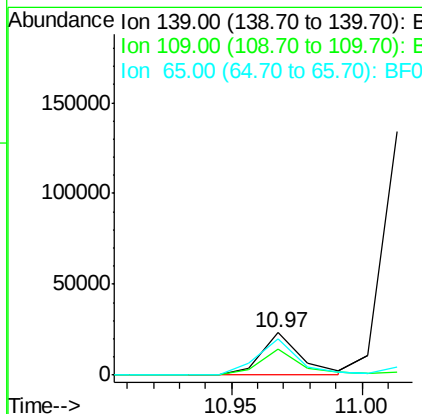
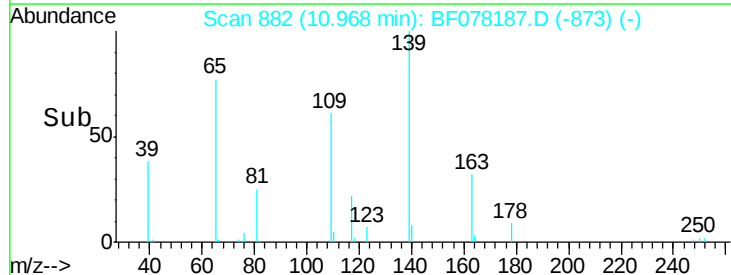
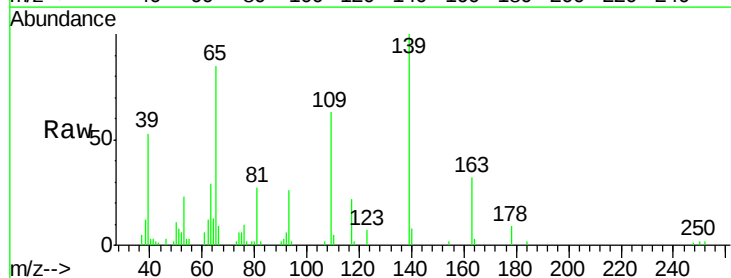
RT: 10.97 min Scan# 882

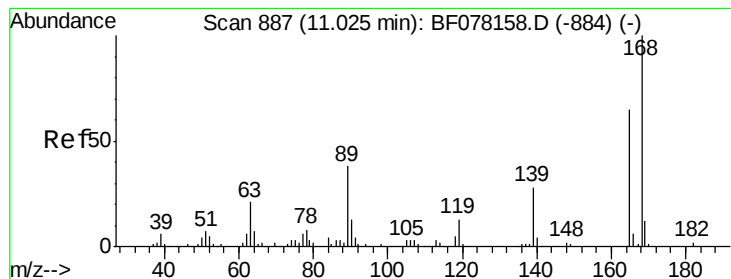
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion	139	Resp	24588
Ion Ratio	Lower	Upper	
139	100		
109	63.3	36.7	76.7
65	85.3	49.9	89.9





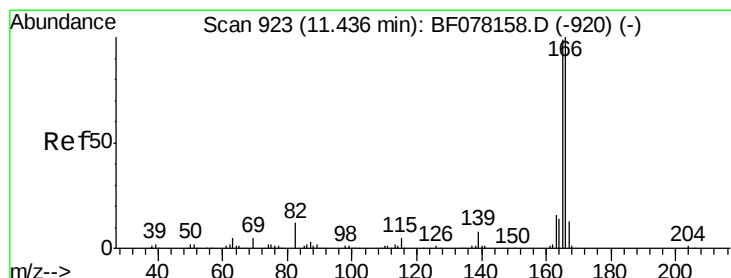
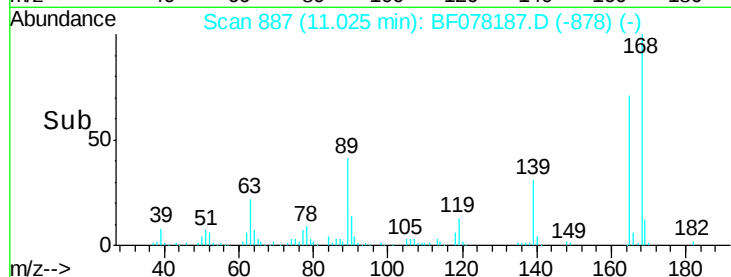
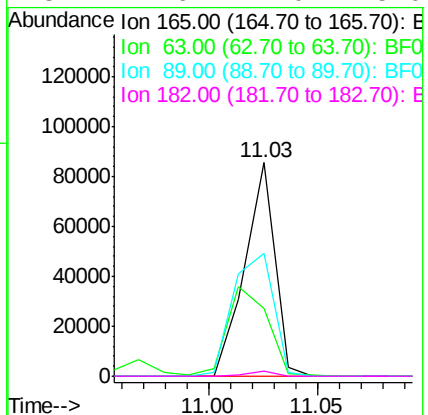
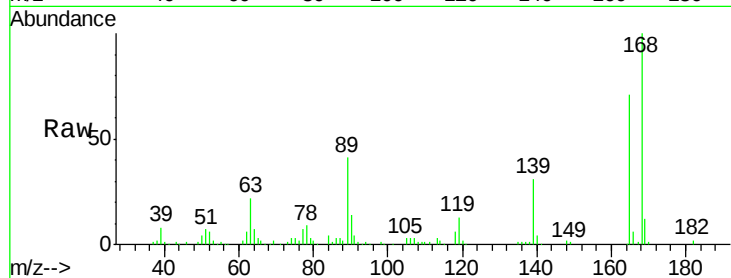
#56
2,4-Dinitrotoluene
Concen: 53.78 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.6	26.5	39.7	
89	57.7	46.4	69.6	
182	2.6	2.0	3.0	

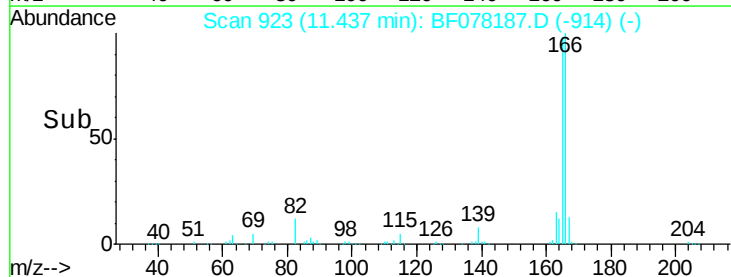
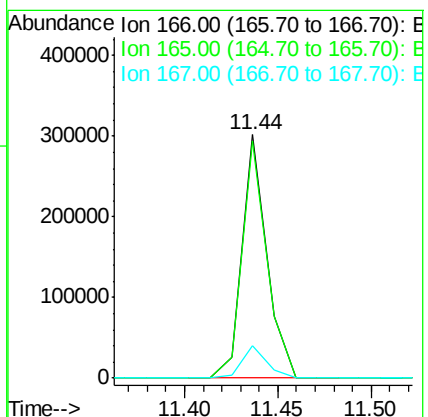
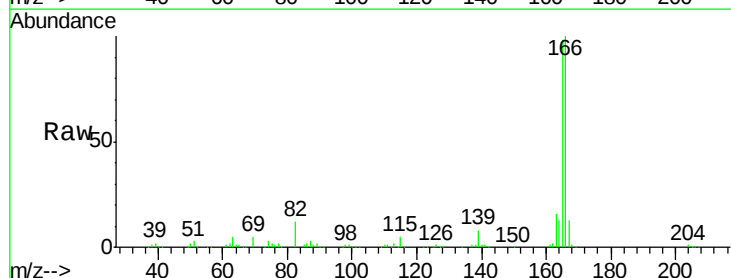
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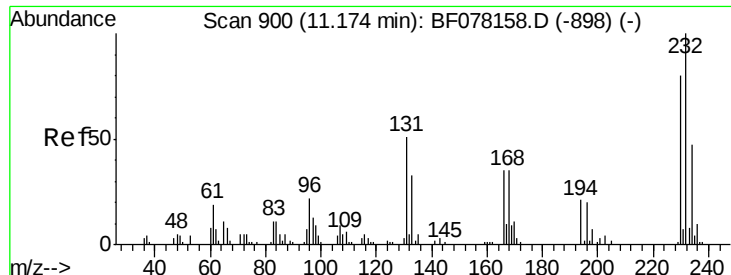
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#57
Fluorene
Concen: 50.15 ng
RT: 11.44 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	78.9	118.3	
167	13.4	10.7	16.1	





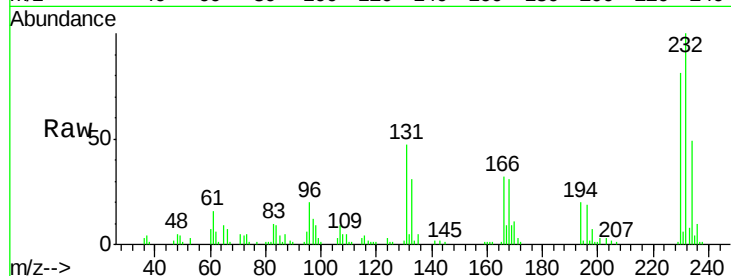
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.64 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

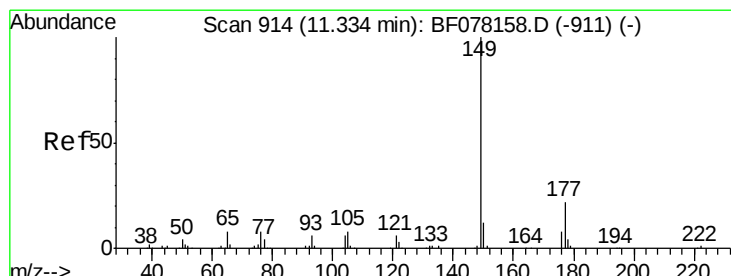
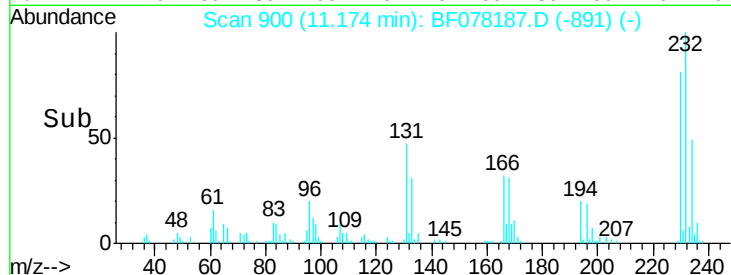
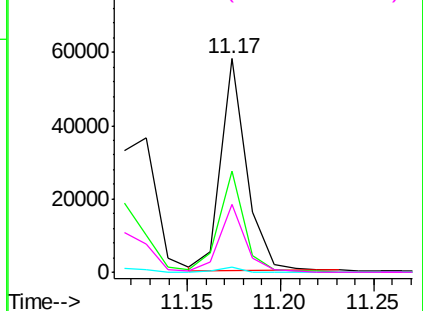
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.8	56.8
130	2.1	1.5	2.3
166	31.6	25.8	38.6

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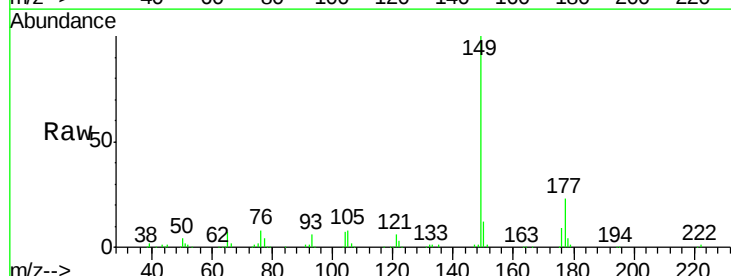


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

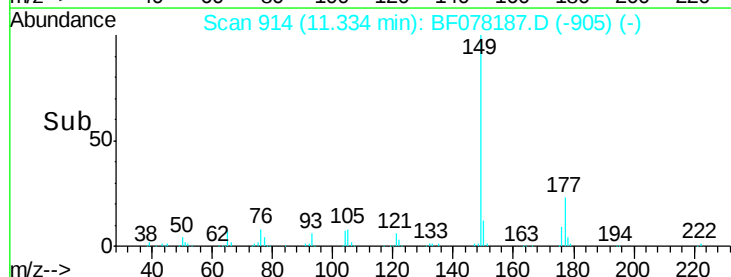
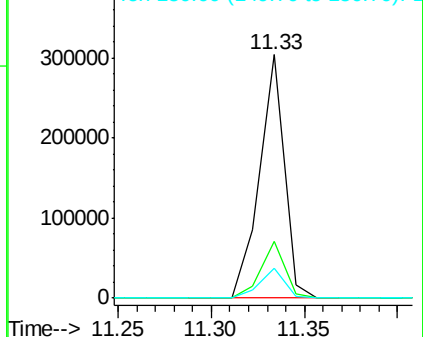


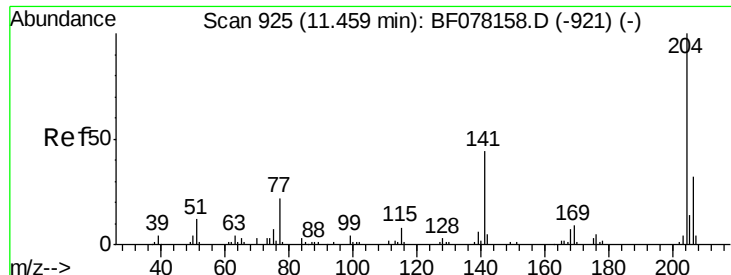
#59
 Diethylphthalate
 Concen: 50.42 ng
 RT: 11.33 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.4	26.2
150	12.3	9.4	14.2



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





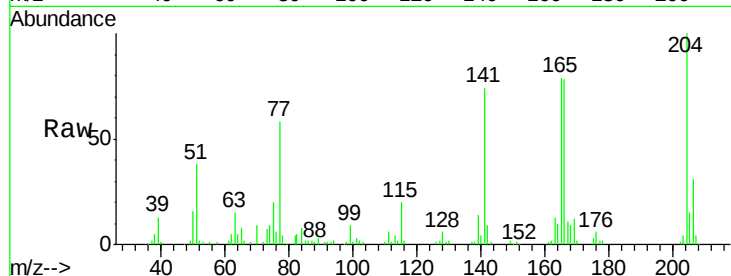
#60
4-Chlorophenyl-phenylether
Concen: 48.84 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

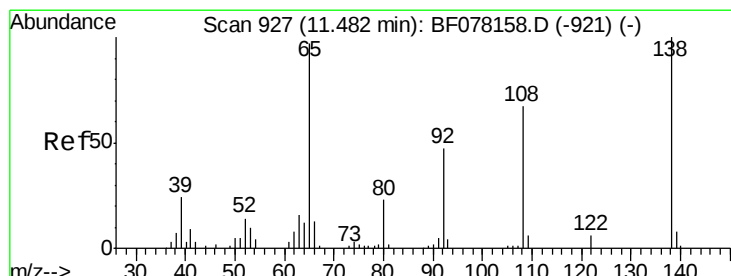
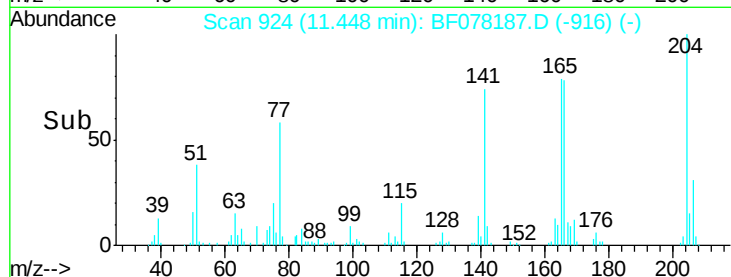
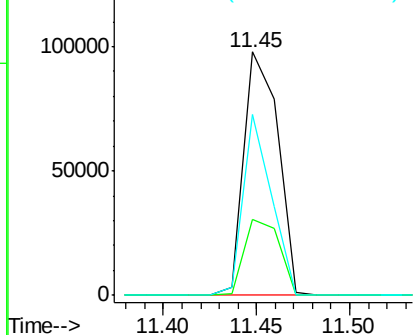
Tot Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	31.3	25.6	38.4
141	74.4	35.4	53.0

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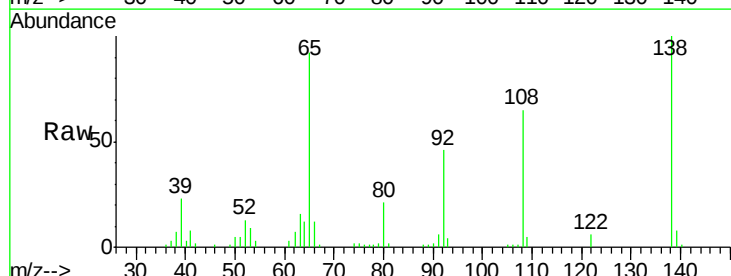


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

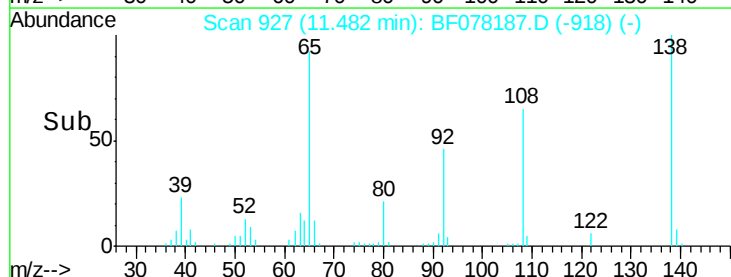
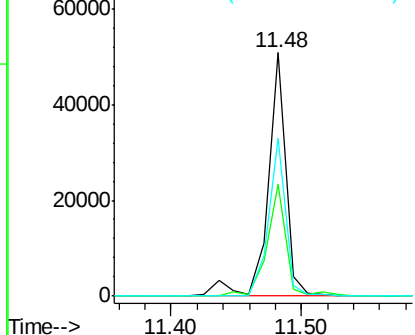


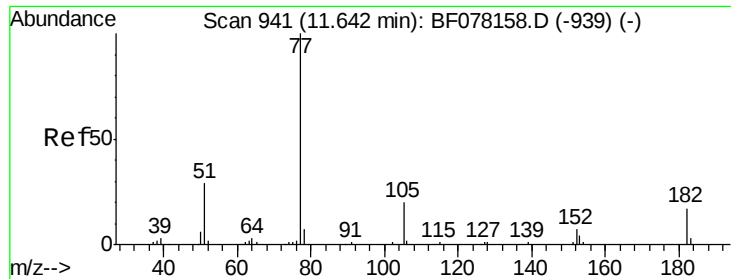
#61
4-Nitroaniline
Concen: 36.38 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	46.0	27.3	67.3
108	64.6	47.2	87.2



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





#62

Azobenzene

Concen: 52.00 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

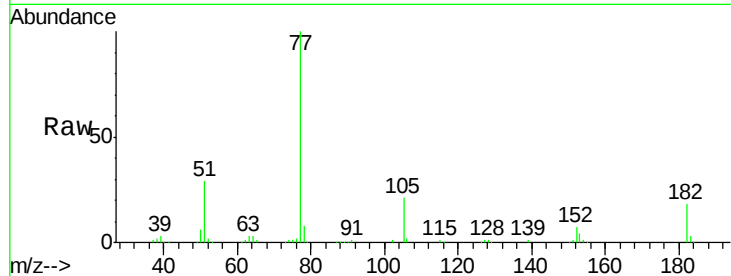
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	17.6	0.0	36.8		
105	21.1	0.3	40.3		
51	29.5	9.1	49.1		

Manual Integrations
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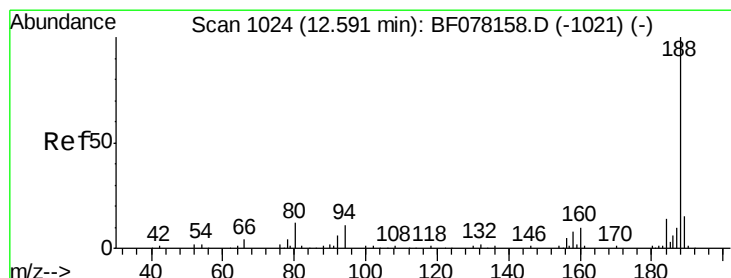
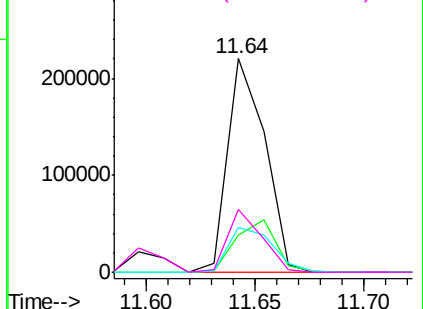
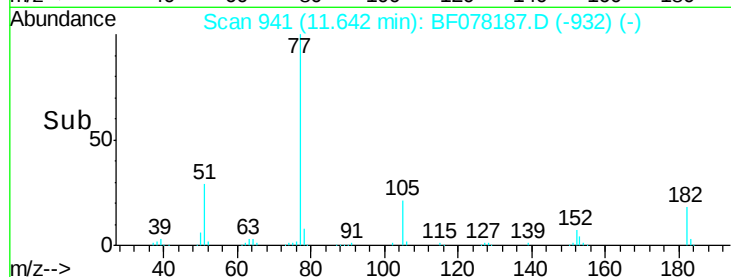


Abundance Ion 77.00 (76.70 to 77.70): BF078187.D (-939) (-)

Ion 182.00 (181.70 to 182.70): BF078187.D (-939) (-)

Ion 105.00 (104.70 to 105.70): BF078187.D (-939) (-)

Ion 51.00 (50.70 to 51.70): BF078187.D (-939) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

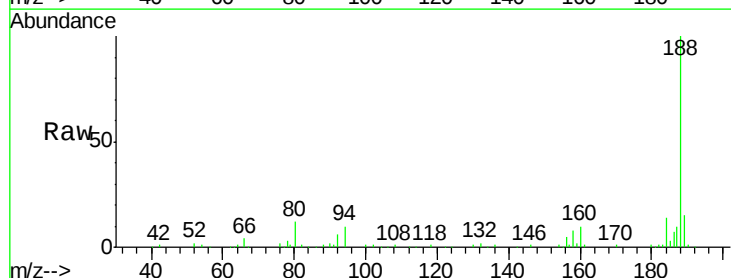
RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

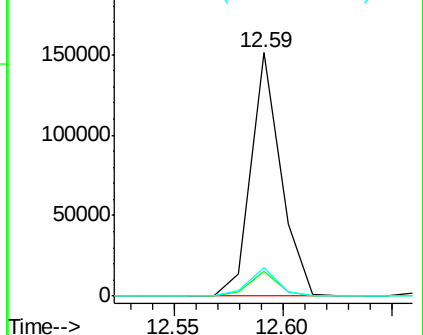
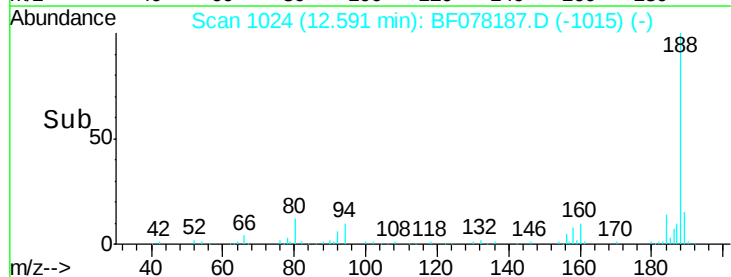
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	9.0	13.4		
80	12.0	9.5	14.3		

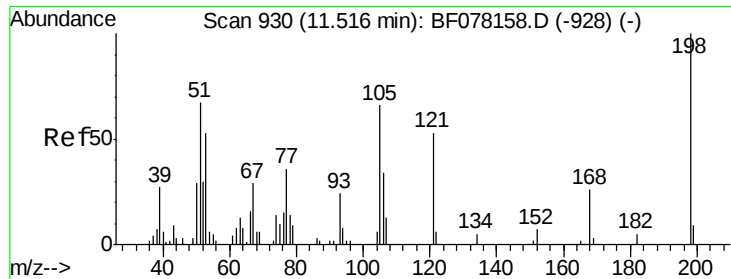


Abundance Ion 188.00 (187.70 to 188.70): BF078187.D (-1015) (-)

Ion 94.00 (93.70 to 94.70): BF078187.D (-1015) (-)

Ion 80.00 (79.70 to 80.70): BF078187.D (-1015) (-)





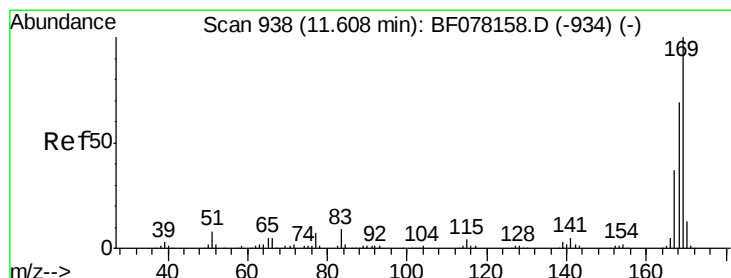
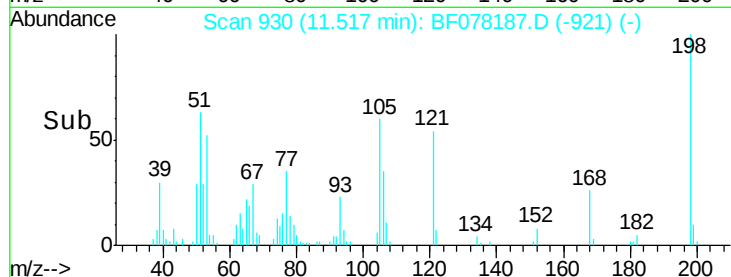
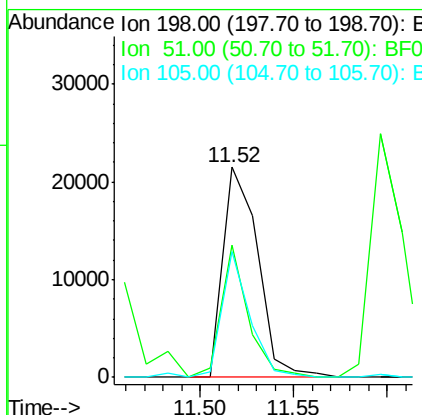
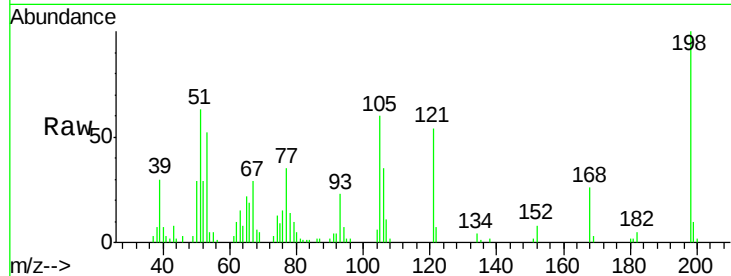
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.87 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	28109		
51	63.3	48.6	88.6	
105	60.1	45.8	85.8	

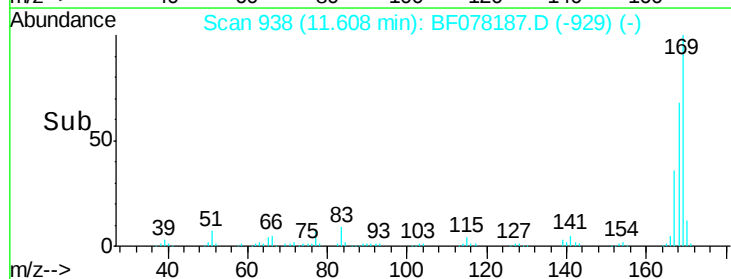
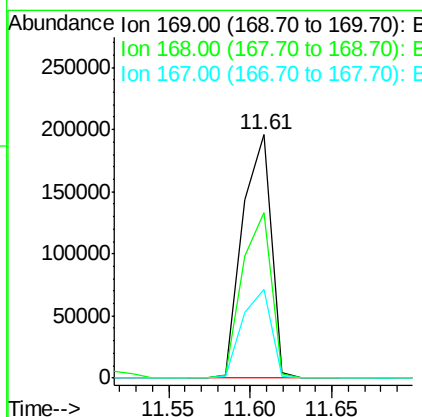
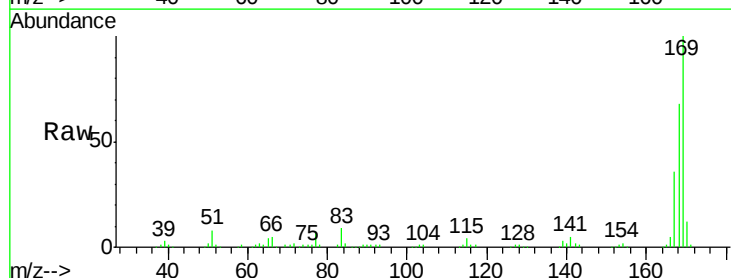
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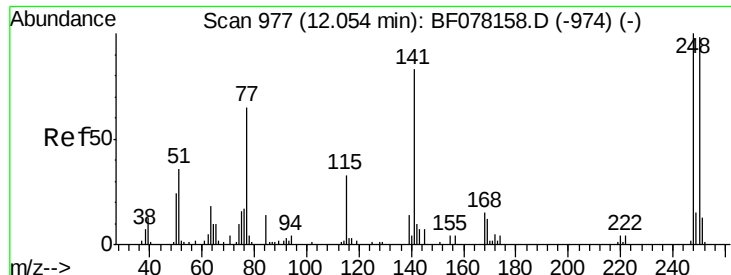
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#65
 n-Nitrosodiphenylamine
 Concen: 47.77 ng
 RT: 11.61 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	237963		
168	67.9	55.0	82.4	
167	36.3	29.3	43.9	





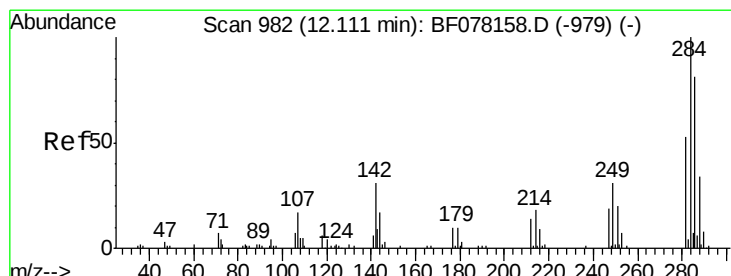
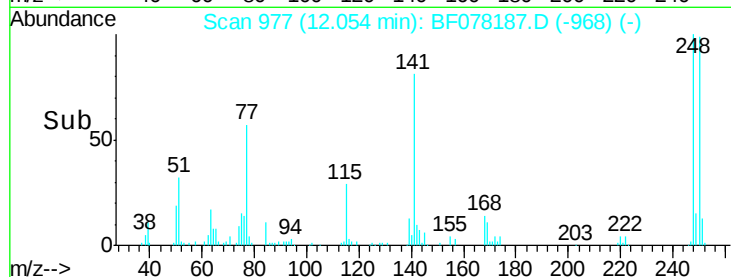
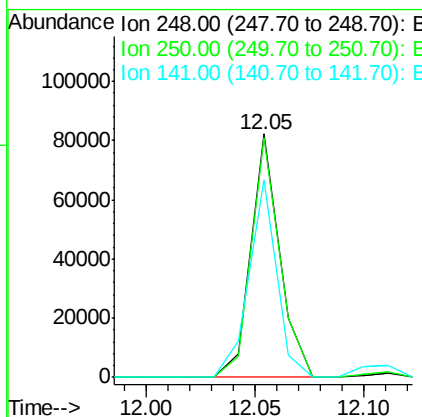
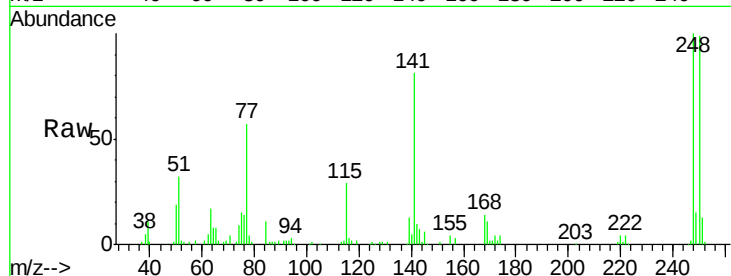
#66
4-Bromophenyl-phenylether
Concen: 49.64 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.2
141	81.1	66.4	99.6

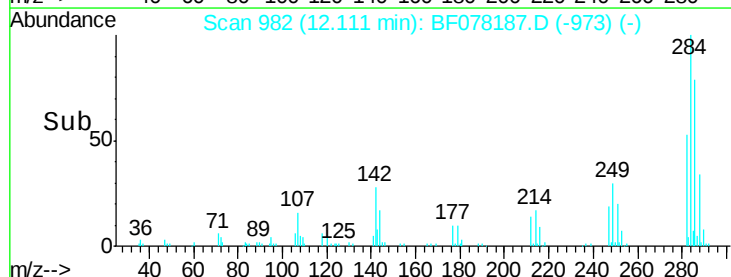
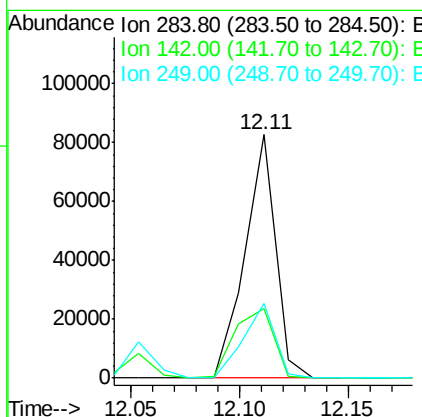
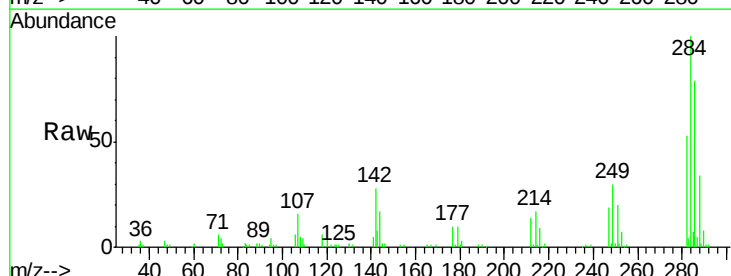
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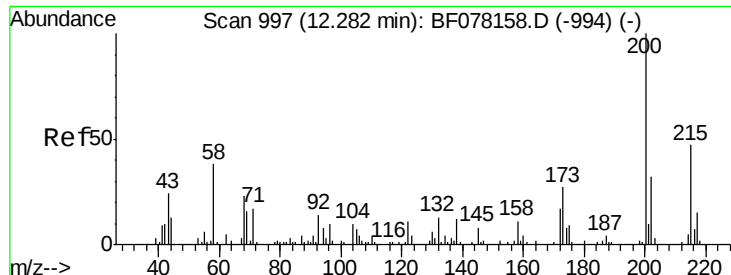
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#67
Hexachlorobenzene
Concen: 48.34 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	24.5	36.7
249	30.5	24.8	37.2





#68

Atrazine

Concen: 52.32 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

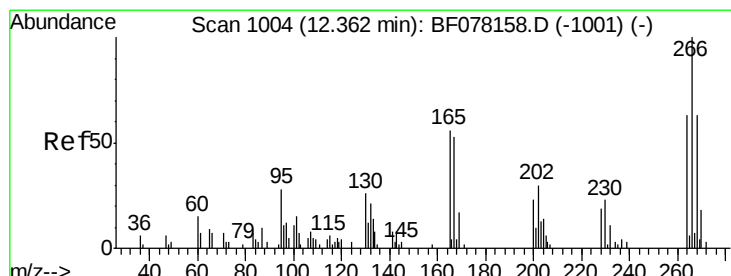
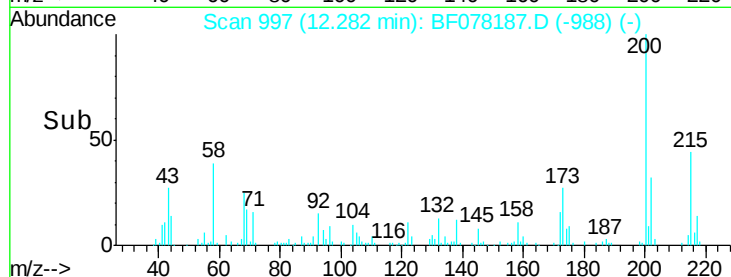
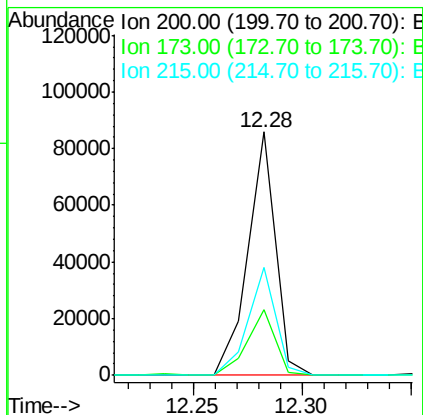
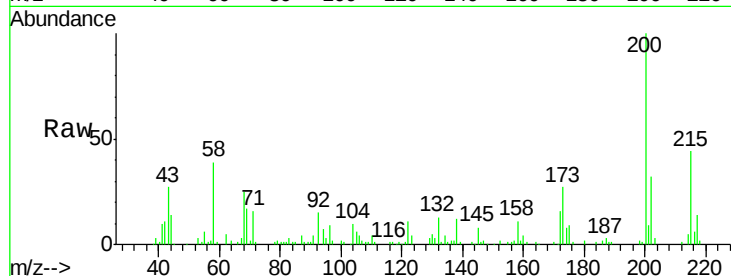
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	200	Resp:	75488
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.9	46.9
215	44.2	27.1	67.1

Manual Integrations
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#69

Pentachlorophenol

Concen: 83.26 ng

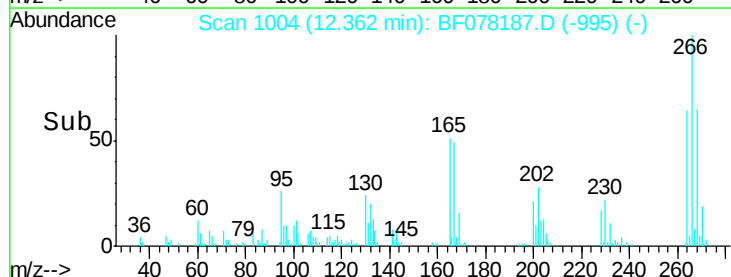
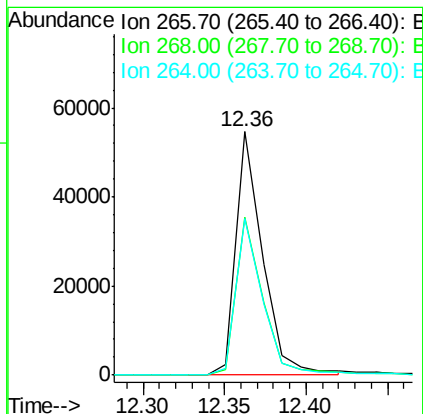
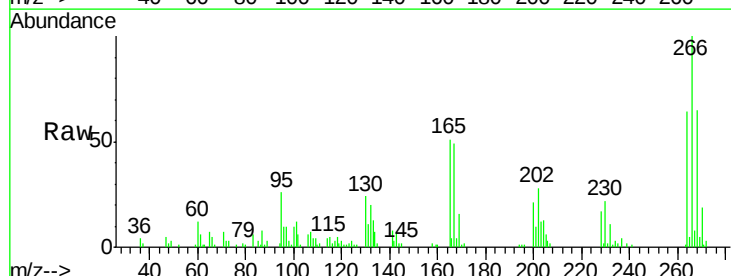
RT: 12.36 min Scan# 1004

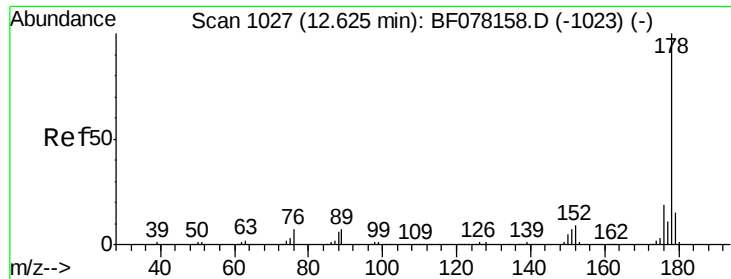
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	266	Resp:	61972
Ion Ratio	Lower	Upper	
266	100		
268	64.9	50.1	75.1
264	64.5	50.0	75.0





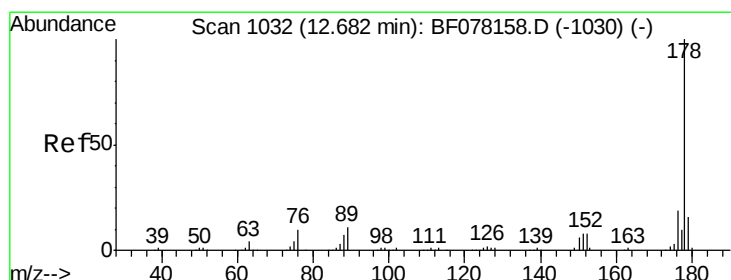
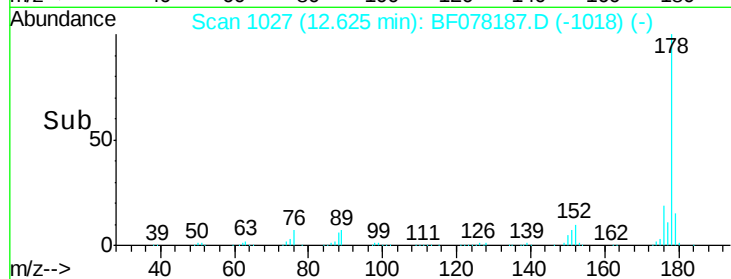
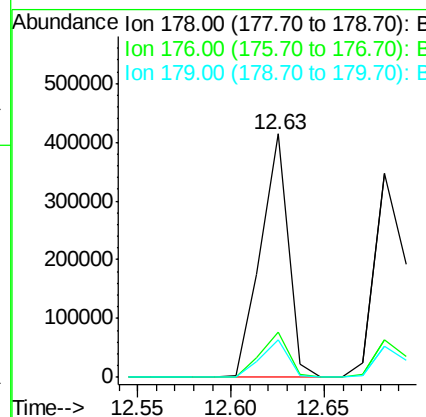
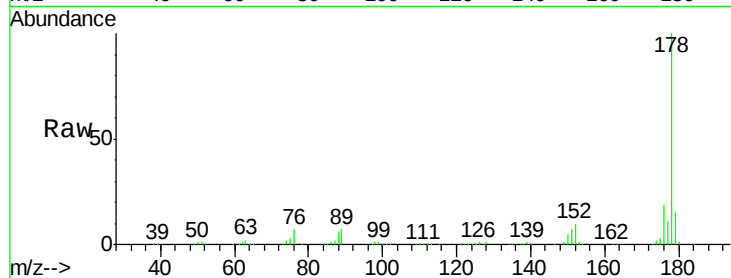
#70
Phenanthrene
Concen: 50.59 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.2	12.2	18.2

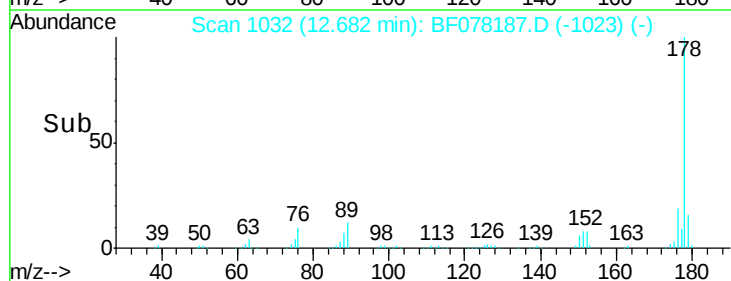
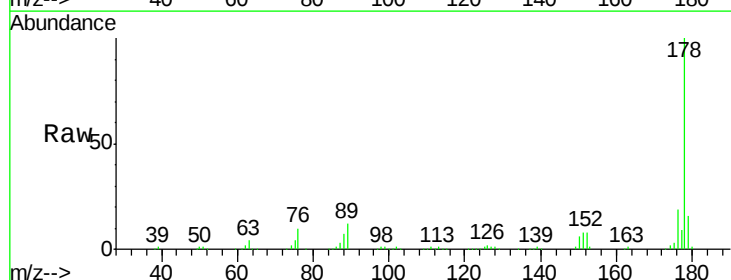
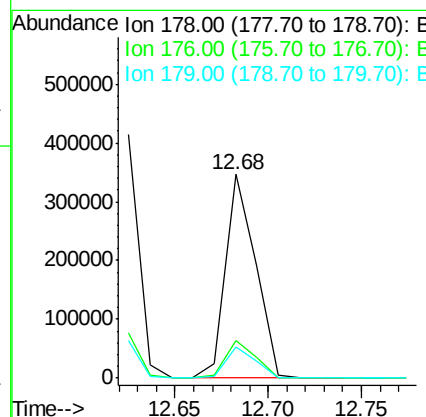
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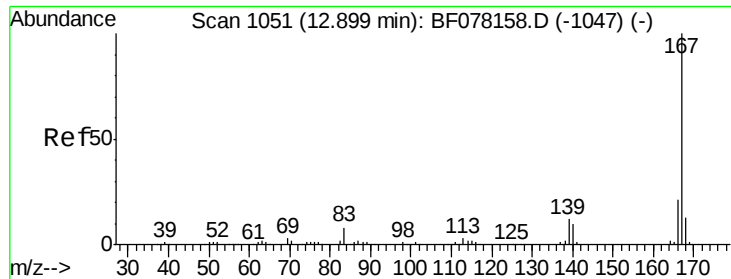
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#71
Anthracene
Concen: 47.41 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.6	12.4	18.6





#72

Carbazole

Concen: 52.44 ng

RT: 12.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF078187.D

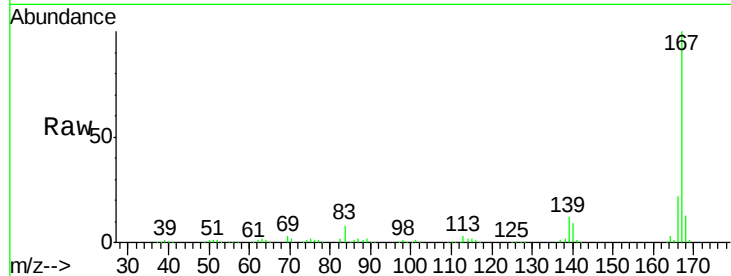
Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

ClientSampleId :

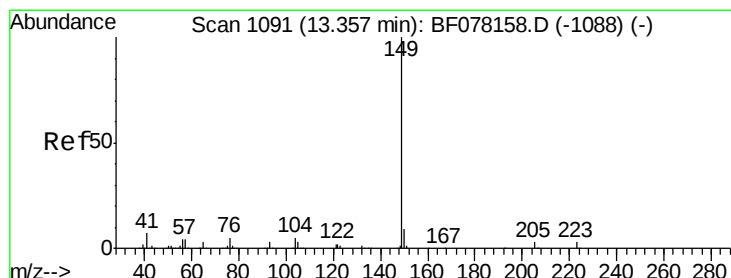
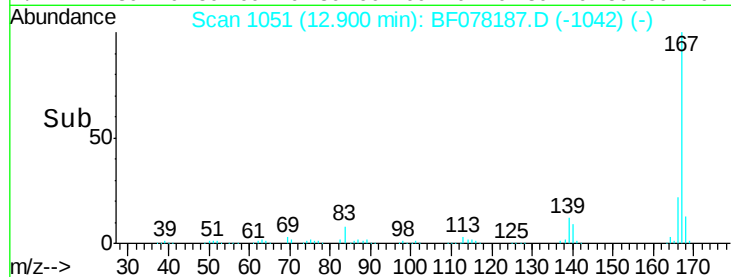
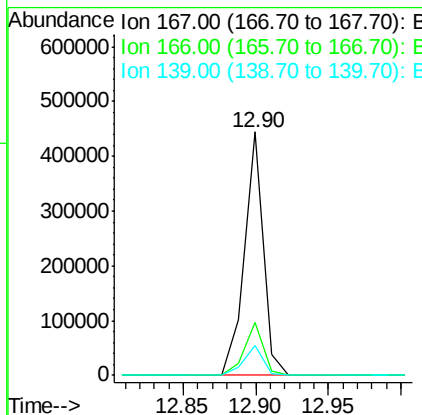
DCW-WW-109-33015MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		403480		
166	21.7		16.8	25.2	
139	12.3		10.0	15.0	

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#73

Di-n-butylphthalate

Concen: 51.73 ng

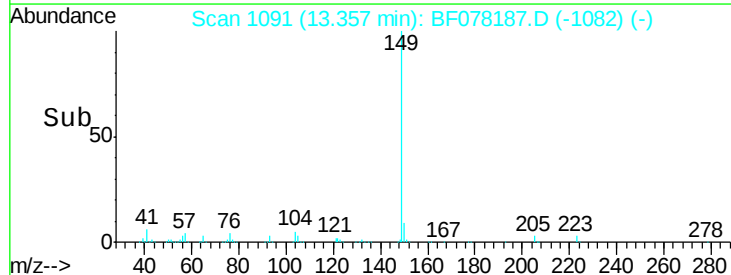
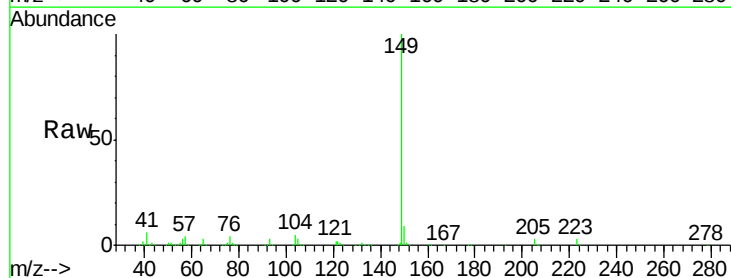
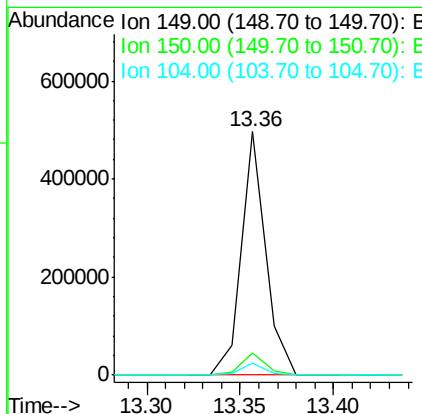
RT: 13.36 min Scan# 1091

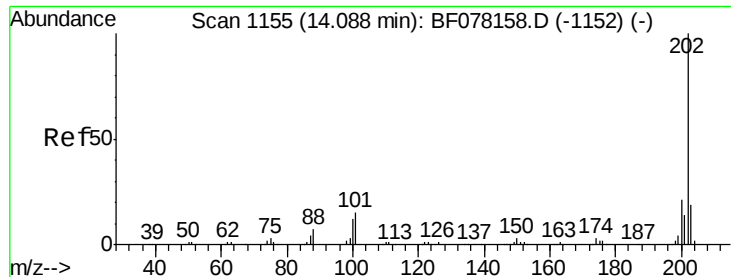
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		450884		
150	9.3		7.1	10.7	
104	4.7		3.8	5.6	





#74

Fluoranthene

Concen: 49.97 ng

RT: 14.09 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

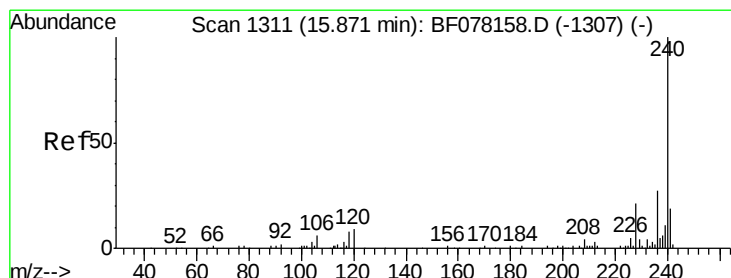
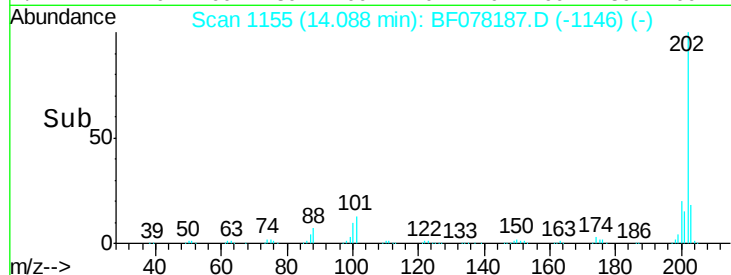
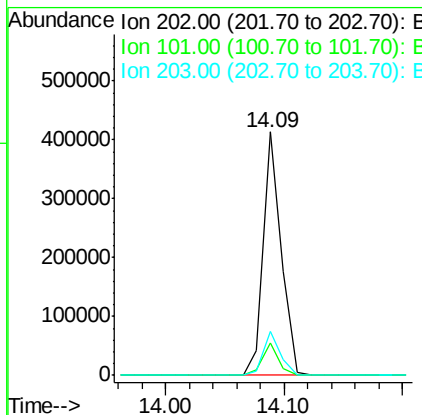
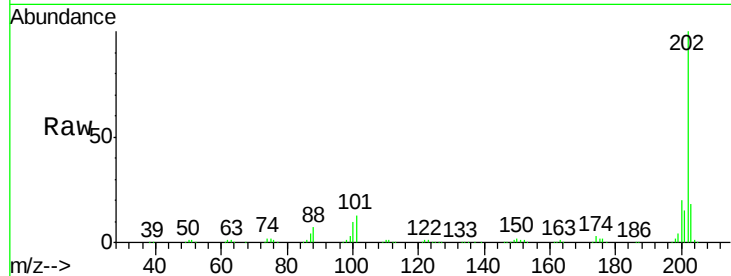
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	439003		
101	13.2	0.0	35.2	
203	17.8	0.0	38.5	

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#75

Chrysene-d12

Concen: 20.00 ng

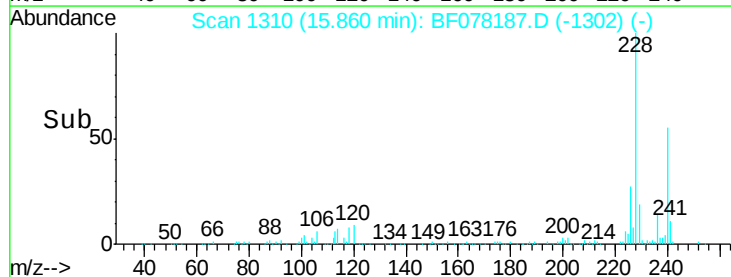
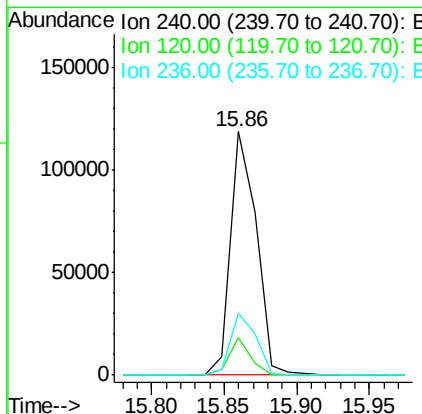
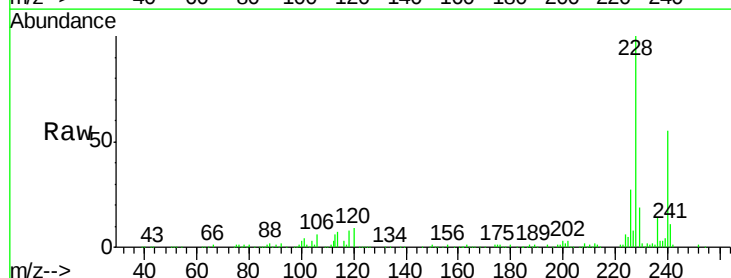
RT: 15.86 min Scan# 1310

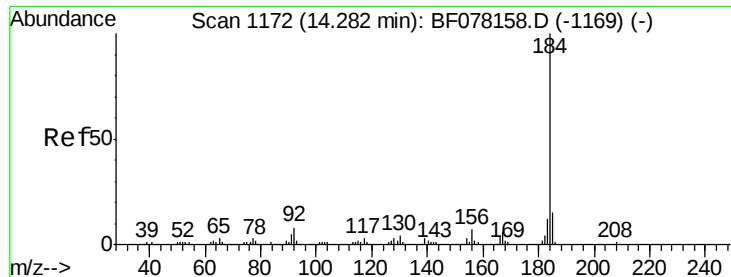
Delta R.T. -0.01 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	146488		
120	15.4	7.1	10.7#	
236	25.5	21.4	32.2	





#76

Benzidine

Concen: 40.16 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

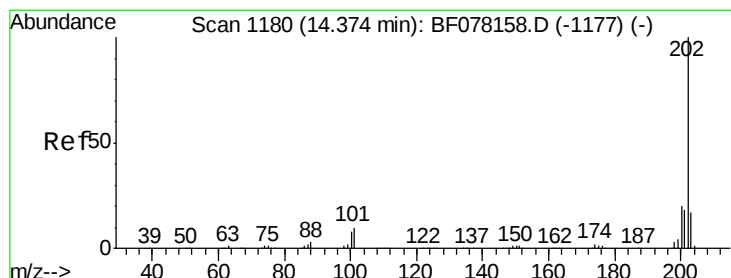
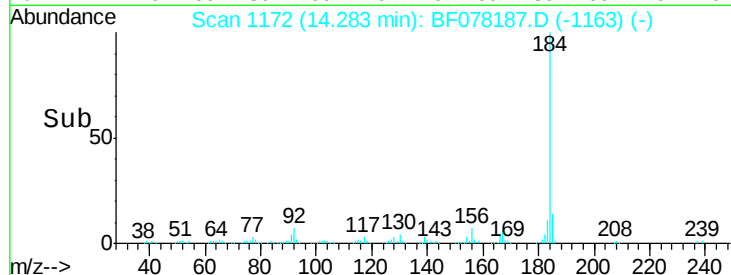
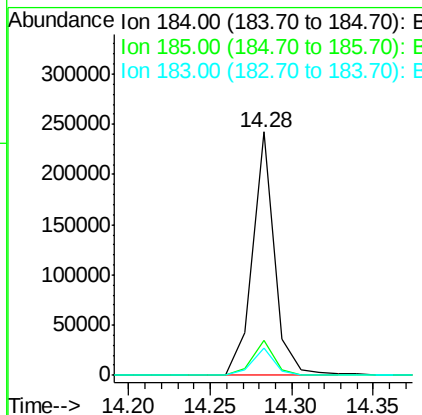
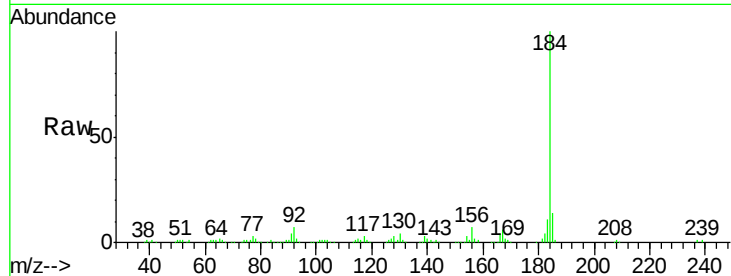
ClientSampleId :

DCW-WW-109-33015MSD

Tot Ion:	184	Resp:	226514
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.1	9.5	14.3

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#77

Pyrene

Concen: 50.38 ng

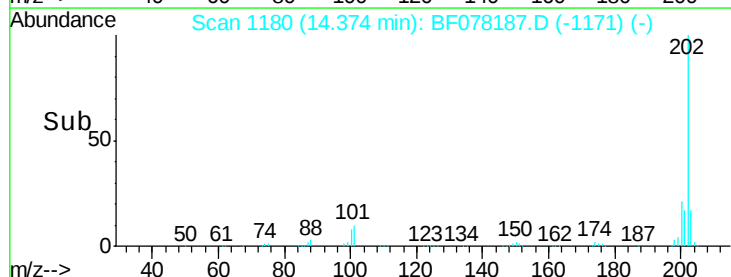
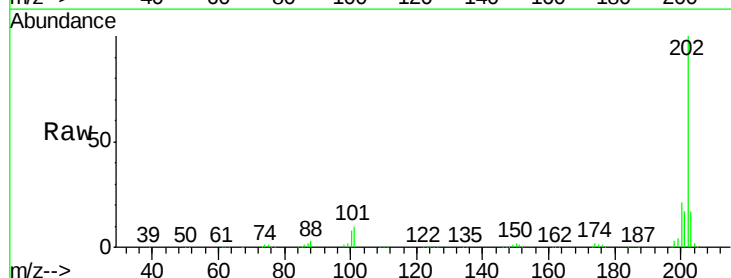
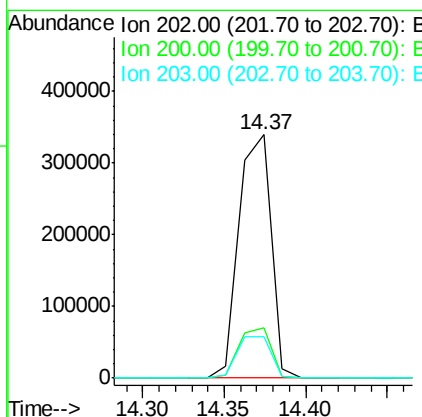
RT: 14.37 min Scan# 1180

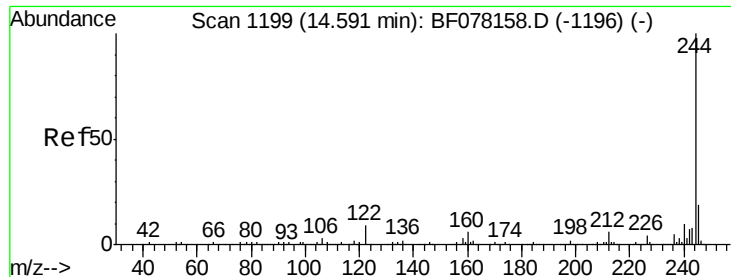
Delta R.T. 0.00 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	202	Resp:	463330
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	17.1	13.8	20.6





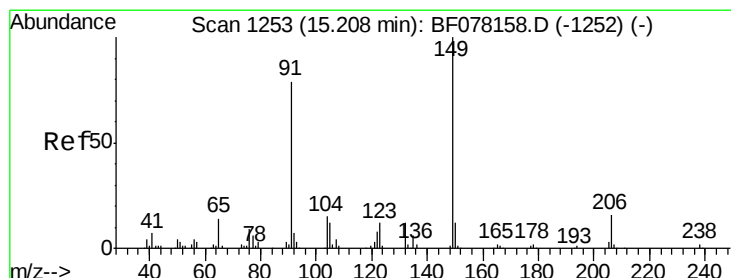
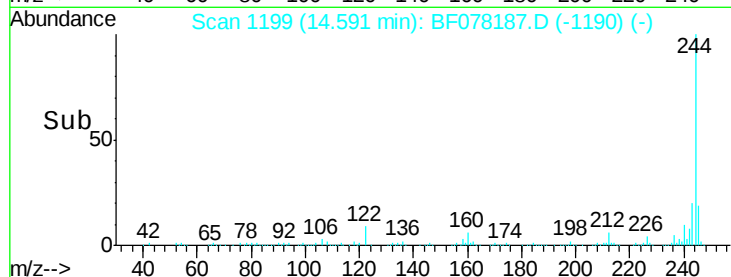
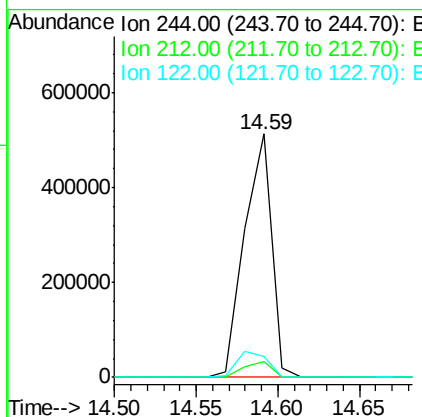
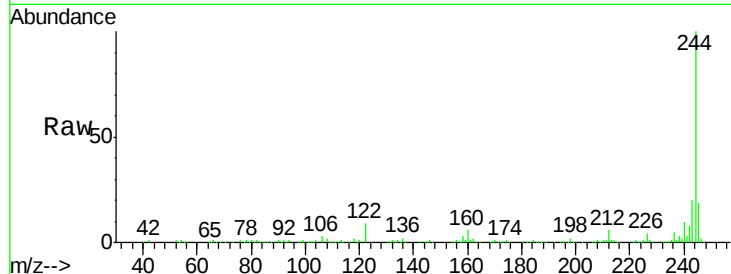
#78
 Terphenyl-d14
 Concen: 91.18 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-109-33015MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.0	7.4
122	8.6	7.1	10.7

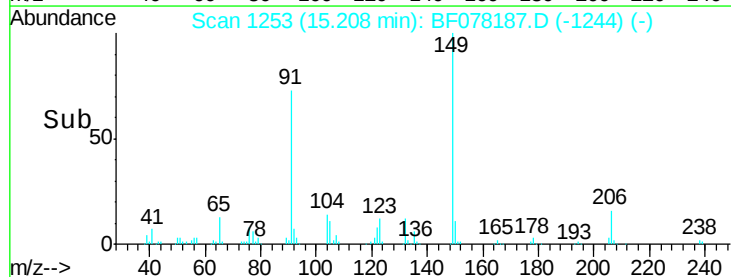
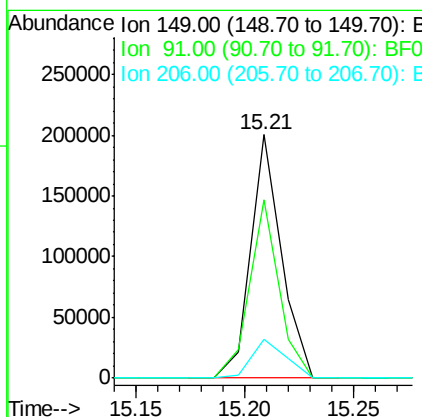
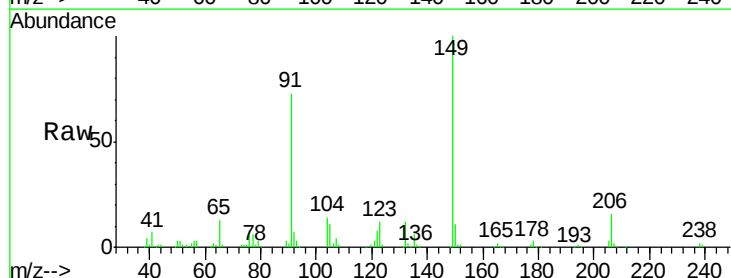
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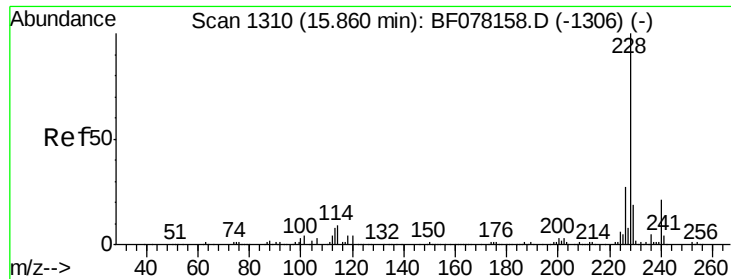
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#79
 Butylbenzylphthalate
 Concen: 56.25 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF078187.D
 Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	73.3	64.2	96.2
206	16.2	12.6	18.8





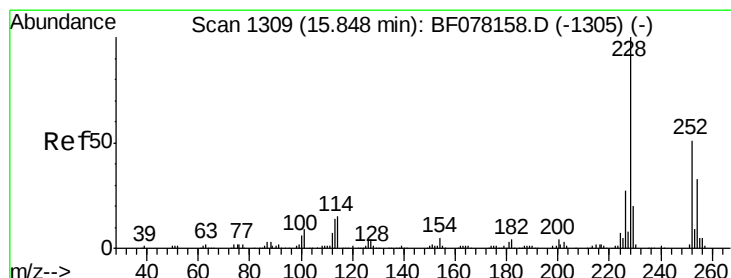
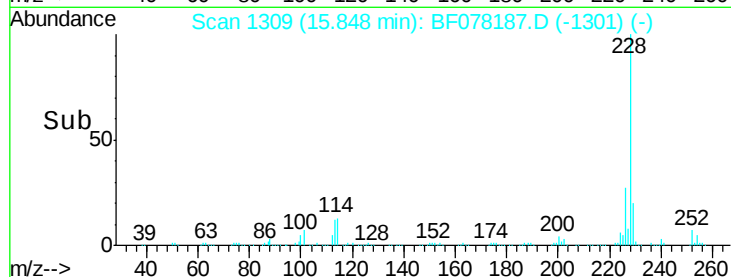
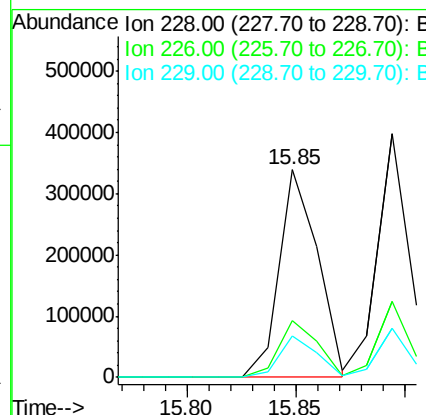
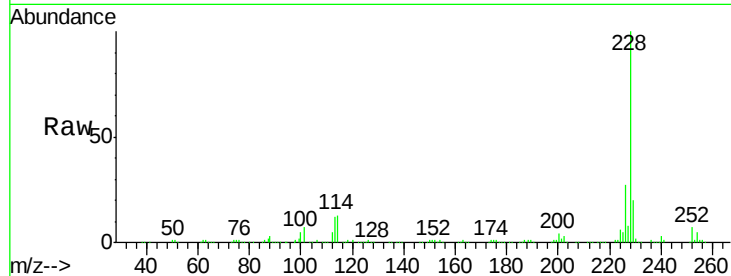
#80
Benzo(a)anthracene
Concen: 48.29 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	19.9	15.4	23.2

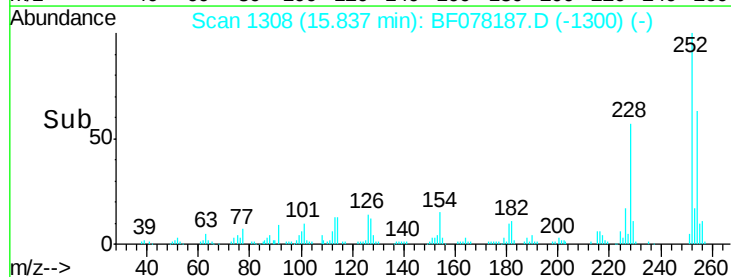
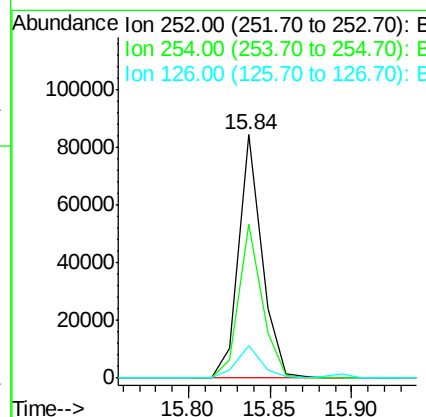
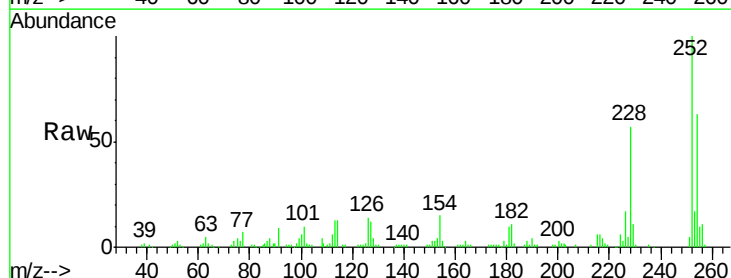
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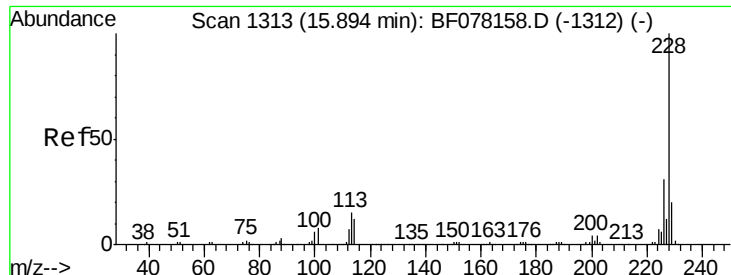
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#81
3,3'-Dichlorobenzidine
Concen: 28.41 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	13.6	6.3	9.5#





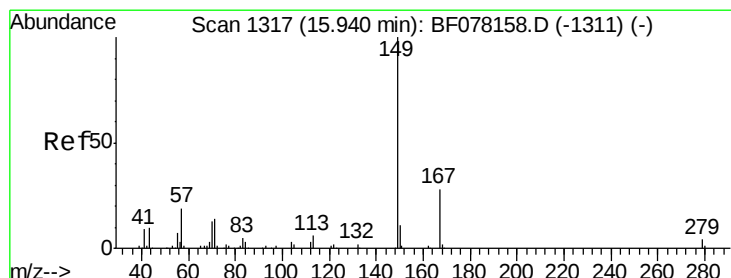
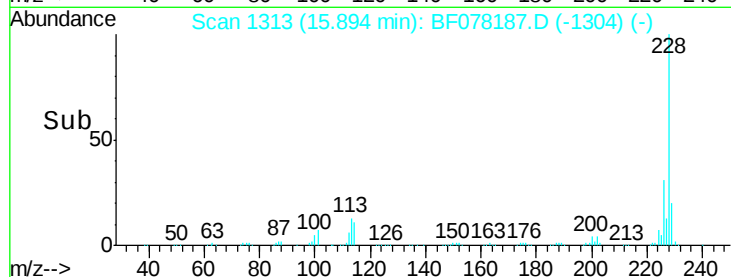
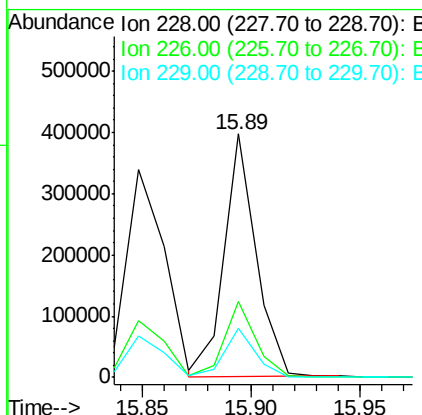
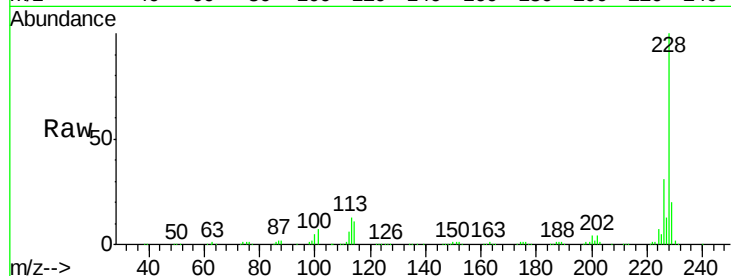
#82
Chrysene
Concen: 49.02 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	20.1	15.8	23.8

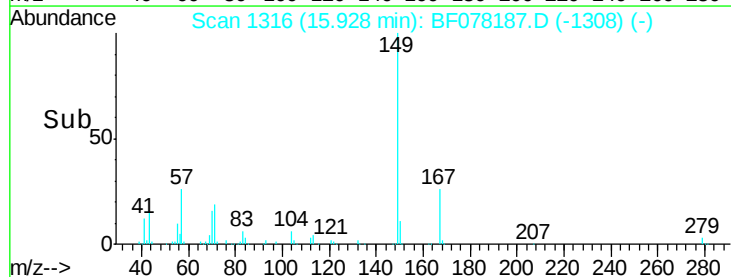
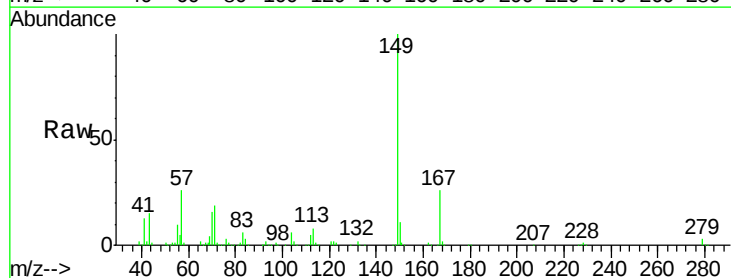
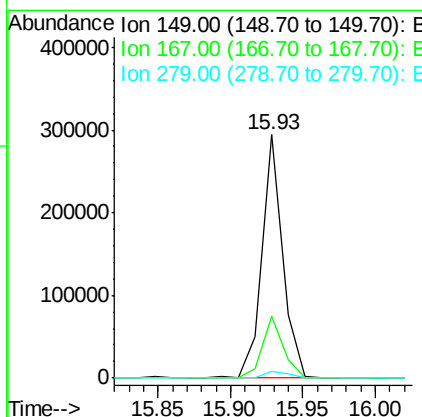
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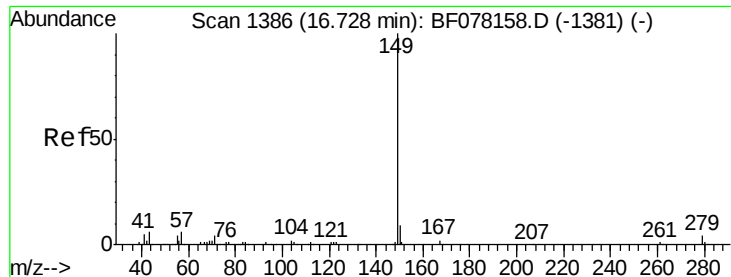
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#83
Bis(2-ethylhexyl)phthalate
Concen: 53.34 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.6	22.2	33.2
279	2.6	3.2	4.8#





#84

Di-n-octyl phthalate

Concen: 55.66 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Instrument :

BNA_F

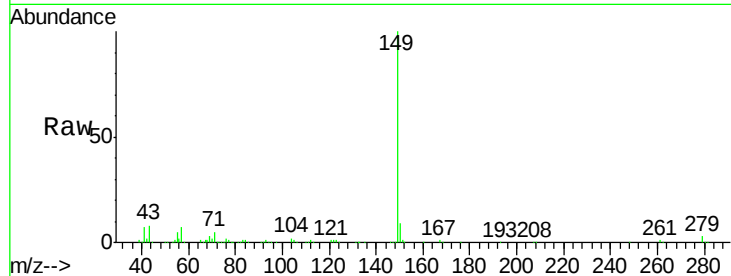
ClientSampleId :

DCW-WW-109-33015MSD

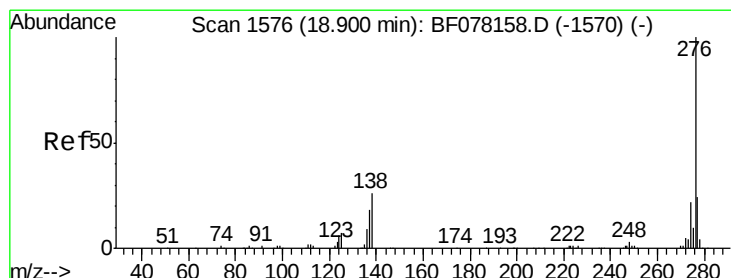
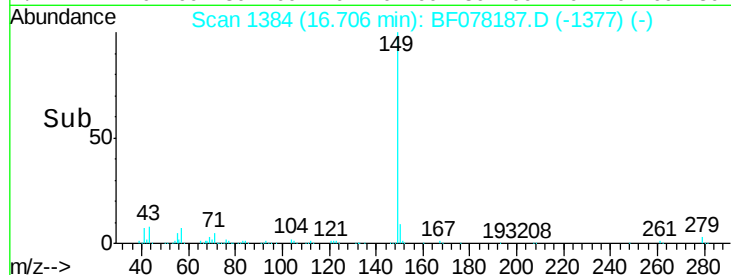
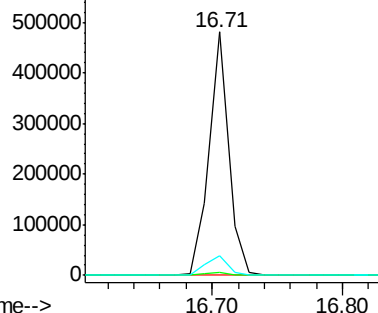
Tot Ion:	149	Resp:	502392
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.2	0.0	0.0#

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



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.90 ng

RT: 18.85 min Scan# 1572

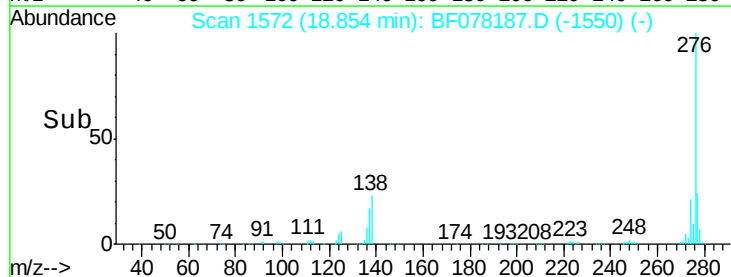
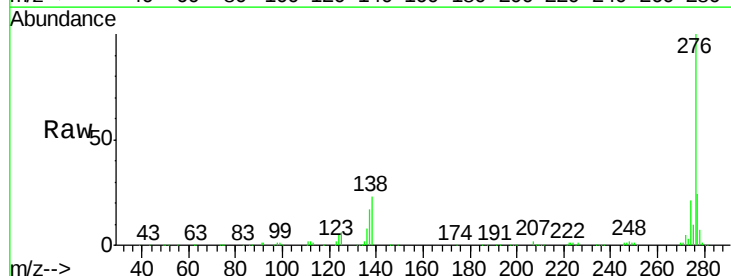
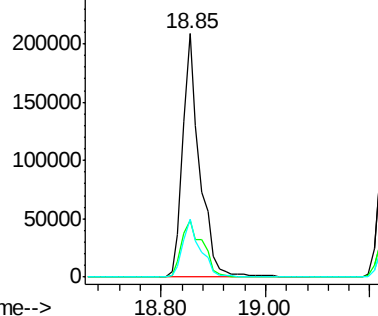
Delta R.T. -0.05 min

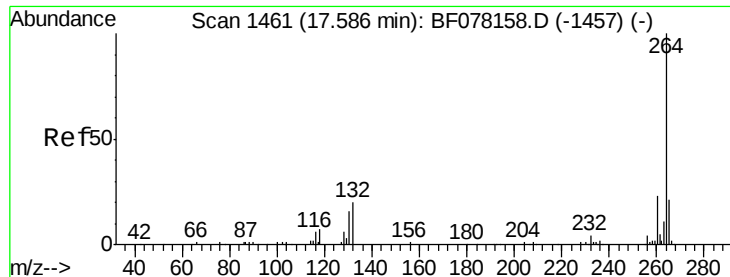
Lab File: BF078187.D

Acq: 2 Apr 2015 8:54

Tgt Ion:	276	Resp:	472937
Ion Ratio	Lower	Upper	
276	100		
138	29.2	16.9	25.3#
277	24.9	15.8	23.6#

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





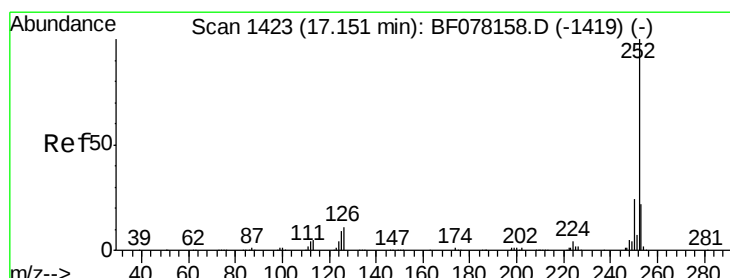
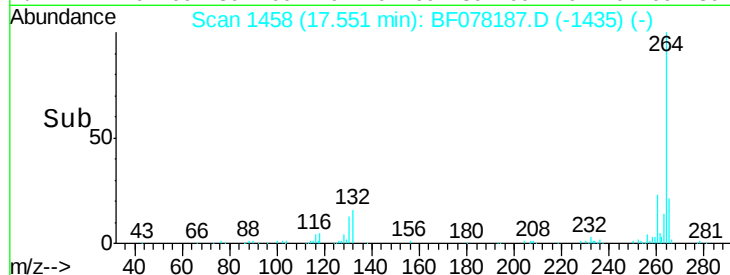
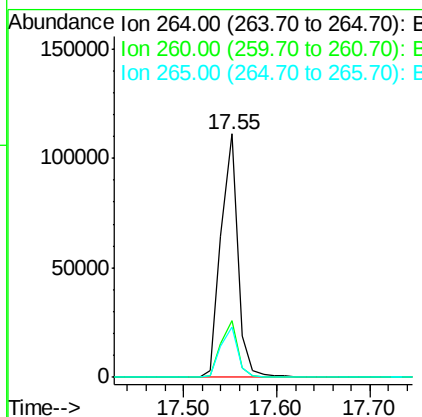
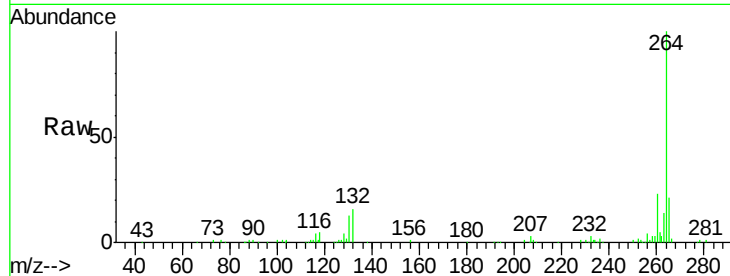
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.03 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.8	17.0	25.6

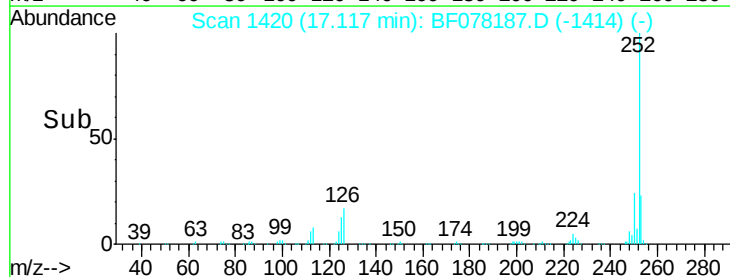
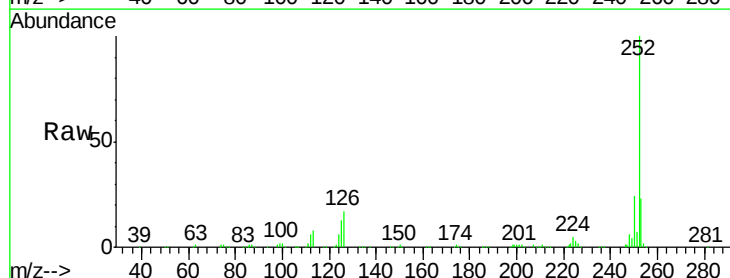
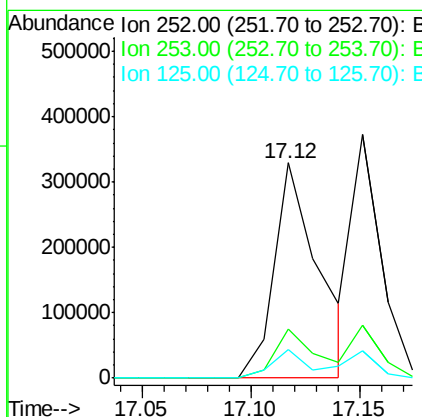
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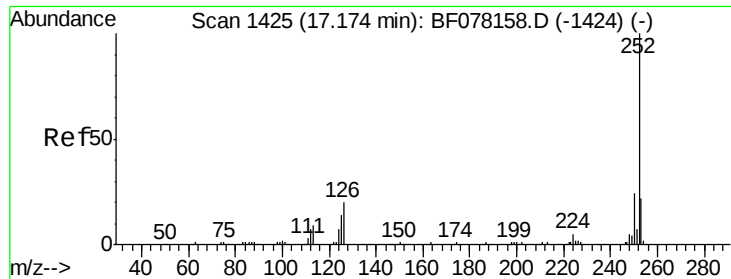
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#87
Benzo(b)fluoranthene
Concen: 53.97 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	13.1	7.0	10.4#





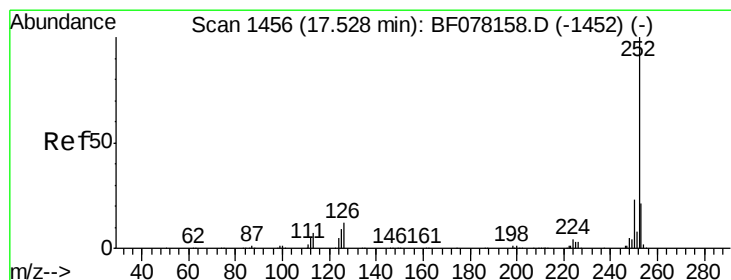
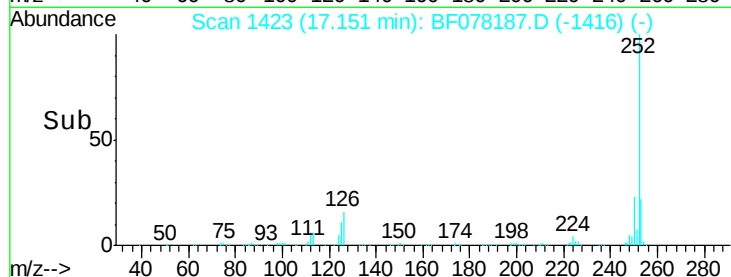
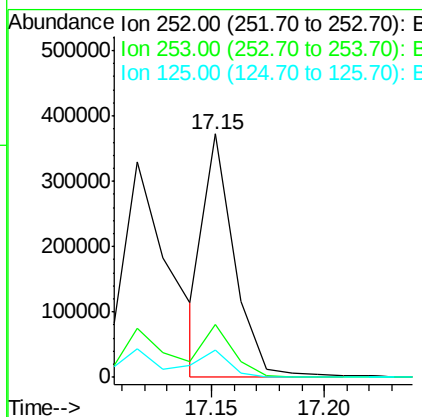
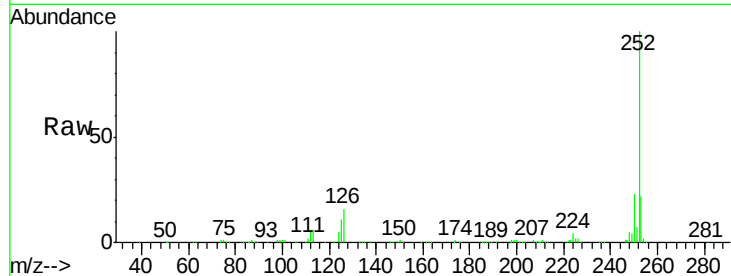
#88
Benzo(k)fluoranthene
Concen: 45.45 ng m
RT: 17.15 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.3	11.6	17.4

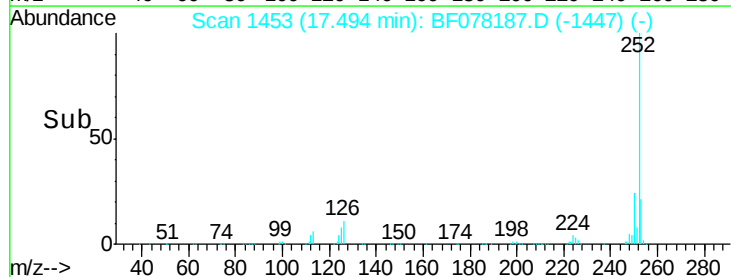
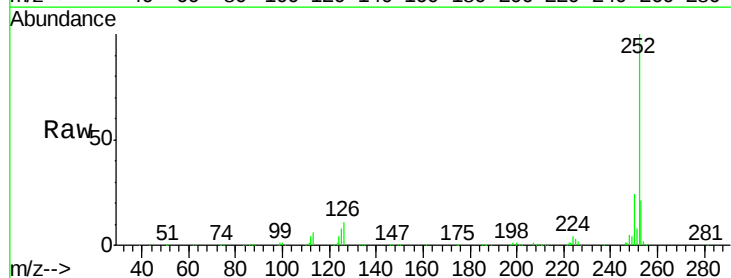
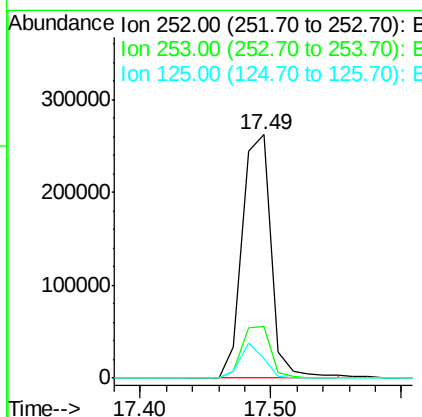
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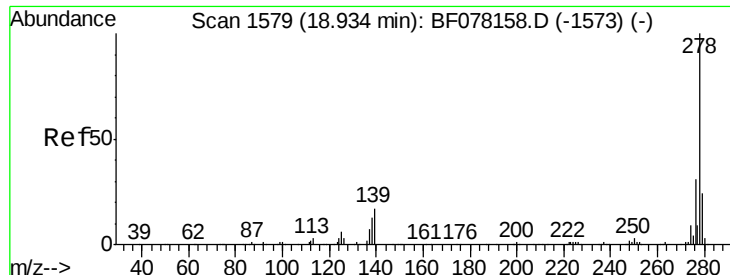
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#89
Benzo(a)pyrene
Concen: 52.71 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.8	25.2
125	8.2	7.4	11.0





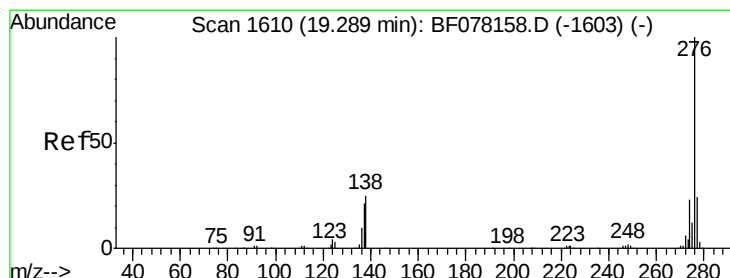
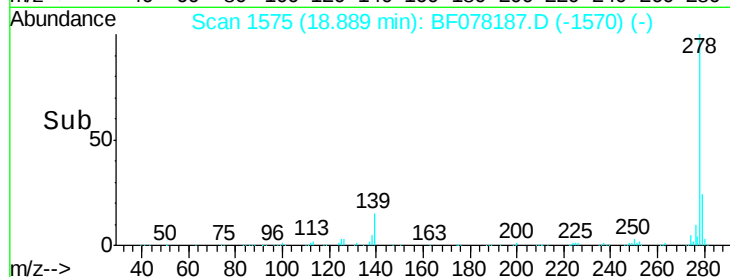
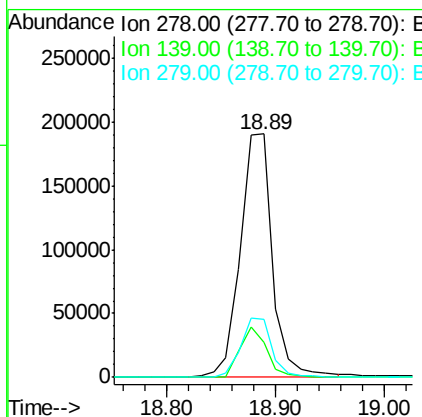
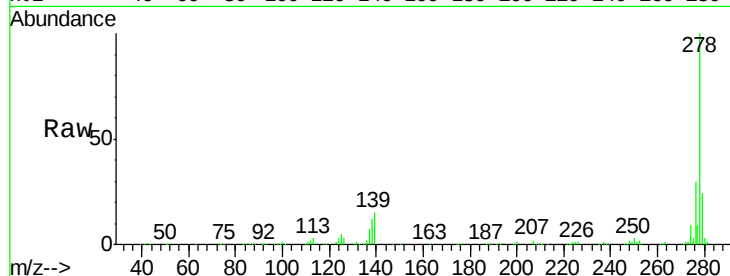
#90
Dibenzo(a,h)anthracene
Concen: 51.39 ng
RT: 18.89 min Scan# 1575
Delta R.T. -0.05 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Instrument :
BNA_F
ClientSampleId :
DCW-WW-109-33015MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.6	20.4
279	23.8	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 51.03 ng
RT: 19.23 min Scan# 1605
Delta R.T. -0.06 min
Lab File: BF078187.D
Acq: 2 Apr 2015 8:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	26.9	19.9	29.9

