

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078162.D
 Acq On : 1 Apr 2015 20:02
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:50:52 PM

Quant Time: Apr 02 13:47:15 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	36749	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	148030	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	74839	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	139642	20.00	ng	0.00
75) Chrysene-d12	15.87	240	148137	20.00	ng	0.00
86) Perylene-d12	17.64	264	142368	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	181700	81.52	ng	0.00
7) Phenol-d6	6.60	99	225182	80.62	ng	0.00
23) Nitrobenzene-d5	7.71	82	201999	82.71	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	55202	88.94	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	417180	79.68	ng	0.00
78) Terphenyl-d14	14.59	244	521967	79.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	41375	41.05	ng	99
3) Pyridine	2.49	79	106682	40.41	ng	99
4) n-Nitrosodimethylamine	2.43	42	40738	40.09	ng	100
6) Aniline	6.60	93	157465	39.75	ng	100
8) 2-Chlorophenol	6.75	128	107172	40.66	ng	100
9) Benzaldehyde	6.46	77	76951	41.57	ng	96
10) Phenol	6.62	94	133012	39.74	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	99419	41.31	ng	99
12) 1,3-Dichlorobenzene	6.93	146	114433	39.53	ng	97
13) 1,4-Dichlorobenzene	7.04	146	118789	40.76	ng	100
14) 1,2-Dichlorobenzene	7.22	146	111825	40.93	ng	98
15) Benzyl Alcohol	7.21	79	80155	40.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	130220	40.56	ng	99
17) 2-Methylphenol	7.37	107	86401	42.22	ng	100
18) Hexachloroethane	7.64	117	39610	40.31	ng	99
19) n-Nitroso-di-n-propylamine	7.55	70	75777	41.12	ng	99
20) 3+4-Methylphenols	7.56	107	112307	41.14	ng	99
22) Acetophenone	7.54	105	143204	41.52	ng	99
24) Nitrobenzene	7.74	77	106192	41.59	ng	99
25) Isophorone	8.04	82	197255	42.56	ng	99
26) 2-Nitrophenol	8.13	139	54688	44.95	ng	98
27) 2,4-Dimethylphenol	8.21	122	94964	41.98	ng	100
28) bis(2-Chloroethoxy)methane	8.33	93	123921	41.69	ng	99
29) 2,4-Dichlorophenol	8.44	162	86271	41.92	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	94583	40.08	ng	100
31) Naphthalene	8.62	128	311306	40.40	ng	99
32) Benzoic acid	8.34	122	45322	43.25	ng	97
33) 4-Chloroaniline	8.70	127	135684	42.44	ng	99
34) Hexachlorobutadiene	8.78	225	52803	40.75	ng	96
35) Caprolactam	9.14	113	28162	45.84	ng	# 72
36) 4-Chloro-3-methylphenol	9.32	107	90140	43.41	ng	100
37) 2-Methylnaphthalene	9.48	142	214878	41.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	96435	41.59	ng	99
40) Hexachlorocyclopentadiene	9.68	237	37983	41.62	ng	95

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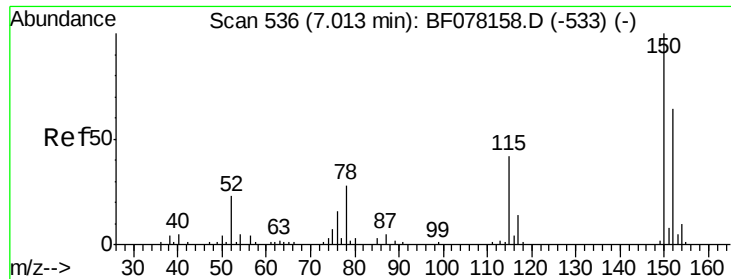
Manual Integrations
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Quant Time: Apr 02 13:47:15 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	62429	42.69	nq	98
43) 2,4,5-Trichlorophenol	9.88	196	64493	42.21	nq	99
45) 1,1'-Biphenyl	10.06	154	256945	41.97	nq	99
46) 2-Chloronaphthalene	10.08	162	195491	40.59	nq	97
47) 2-Nitroaniline	10.21	65	52414	43.98	nq	96
48) Acenaphthylene	10.59	152	323075	41.54	nq	100
49) Dimethylphthalate	10.45	163	226600	40.30	nq	100
50) 2,6-Dinitrotoluene	10.53	165	48416	41.85	nq	94
51) Acenaphthene	10.80	154	177534	40.54	nq	99
52) 3-Nitroaniline	10.73	138	57376	43.62	nq	97
53) 2,4-Dinitrophenol	10.86	184	14552	43.34	nq	95
54) Dibenzofuran	11.01	168	270828	40.49	nq	99
55) 4-Nitrophenol	10.97	139	38146	40.79	nq	93
56) 2,4-Dinitrotoluene	11.02	165	68424	45.67	nq	98
57) Fluorene	11.44	166	223227	41.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	49286	43.51	nq	98
59) Diethylphthalate	11.33	149	231927	42.78	nq	100
60) 4-Chlorophenyl-phenylether	11.46	204	101856	40.84	nq	96
61) 4-Nitroaniline	11.48	138	59093	44.44	nq	99
62) Azobenzene	11.64	77	198864	40.19	nq	99
64) 4,6-Dinitro-2-methylphenol	11.53	198	27337	40.96	nq	# 52
65) n-Nitrosodiphenylamine	11.61	169	199752	41.35	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	60023	40.59	nq	96
67) Hexachlorobenzene	12.11	284	66922	41.30	nq	98
68) Atrazine	12.28	200	60242	43.06	nq	99
69) Pentachlorophenol	12.36	266	26043	40.48	nq	98
70) Phenanthrene	12.63	178	341822	42.32	nq	100
71) Anthracene	12.68	178	335770	42.18	nq	100
72) Carbazole	12.90	167	305058	40.90	nq	99
73) Di-n-butylphthalate	13.36	149	361403	42.77	nq	99
74) Fluoranthene	14.09	202	356085	41.80	nq	98
76) Benzidine	14.28	184	224451	39.35	nq	97
77) Pyrene	14.37	202	379603	40.82	nq	99
79) Butylbenzylphthalate	15.21	149	155488	43.87	nq	100
80) Benzo(a)anthracene	15.86	228	351726	39.91	nq	98
81) 3,3'-Dichlorobenzidine	15.85	252	123088	41.70	nq	# 97
82) Chrysene	15.91	228	328102	39.62	nq	99
83) Bis(2-ethylhexyl)phthalate	15.94	149	234605	42.20	nq	# 94
84) Di-n-octyl phthalate	16.75	149	381630	41.81	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.97	276	387002	41.19	nq	# 86
87) Benzo(b)fluoranthene	17.19	252	324975	36.93	nq	# 98
88) Benzo(k)fluoranthene	17.22	252	344078m	44.00	nq	
89) Benzo(a)pyrene	17.57	252	316220	41.18	nq	# 96
90) Dibenzo(a,h)anthracene	19.00	278	309955	40.32	nq	99
91) Benzo(g,h,i)perylene	19.36	276	310091	40.23	nq	99

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



#1

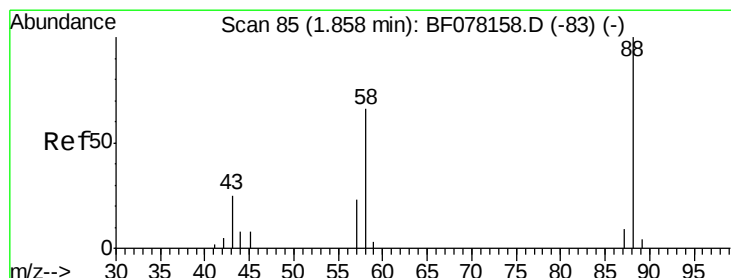
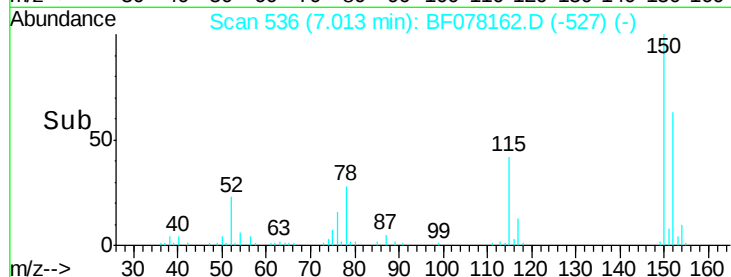
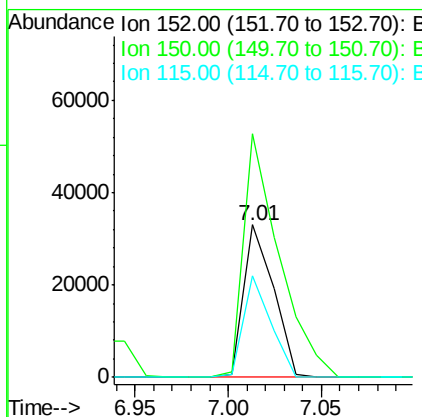
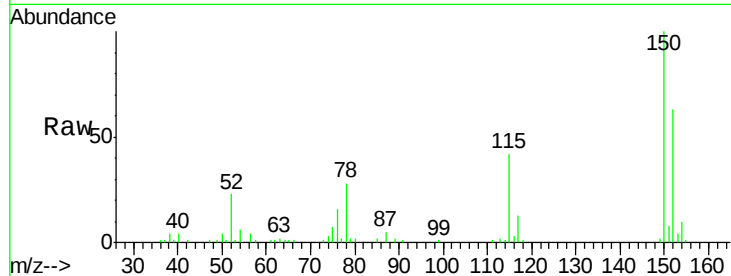
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	66.9	52.7	79.1

Manual Integrations
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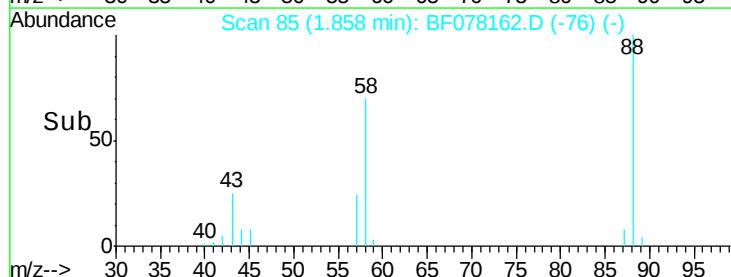
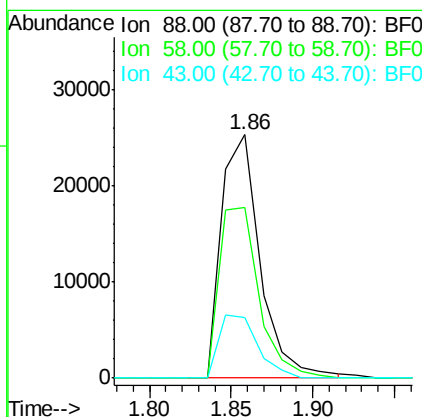
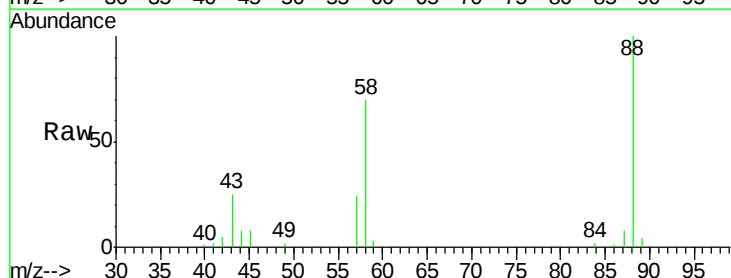
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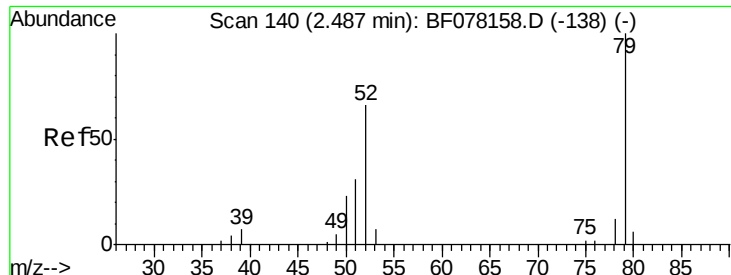


#2

1,4-Dioxane
Concen: 41.05 ng
RT: 1.86 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	56.9	85.3
43	26.2	21.4	32.2





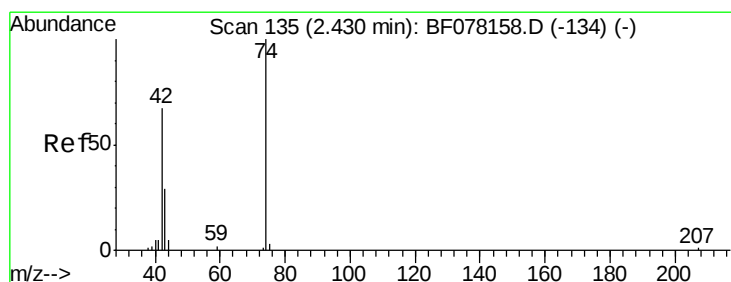
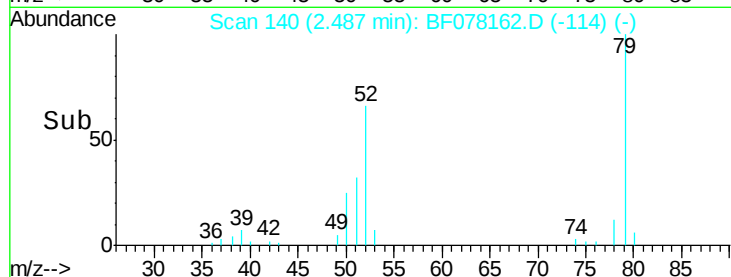
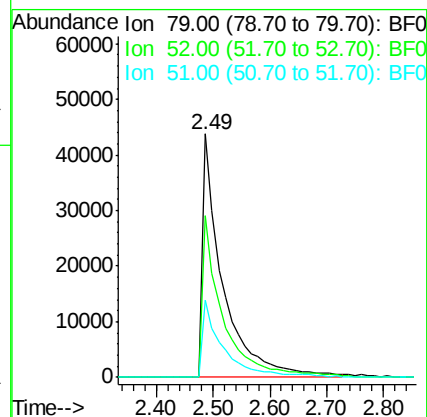
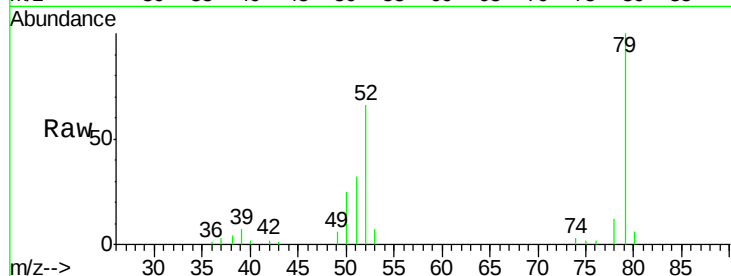
#3
 Pvridine
 Concen: 40.41 ng
 RT: 2.49 min Scan# 140
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.3	52.4	78.6
51	31.6	24.9	37.3

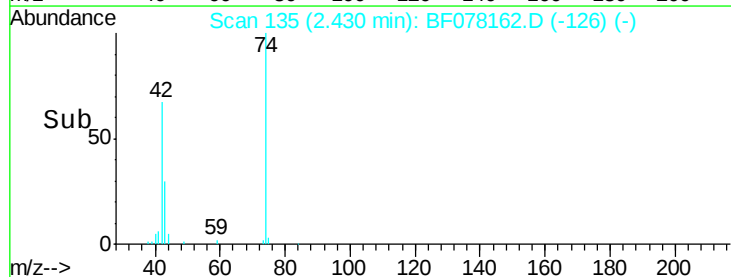
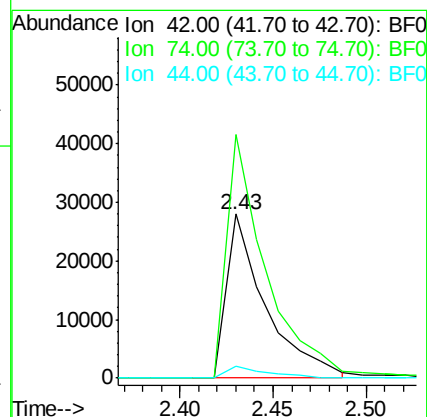
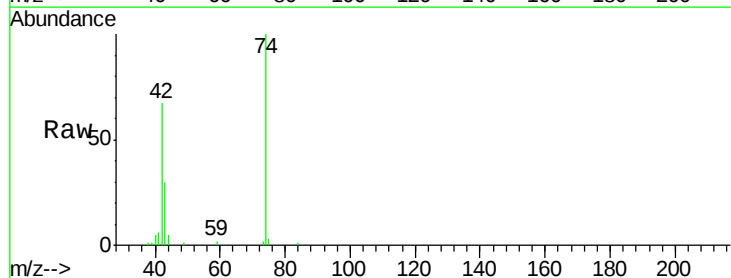
Manual Integrations
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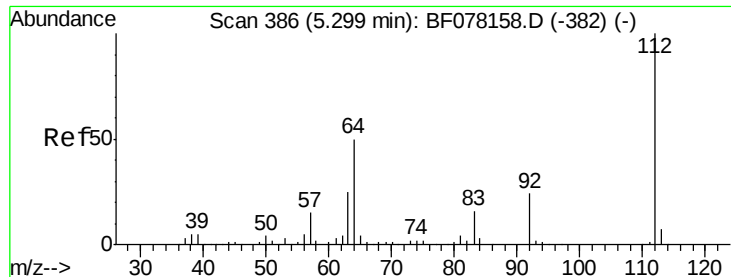
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#4
 n-Nitrosodimethylamine
 Concen: 40.09 ng
 RT: 2.43 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.6	118.7	178.1
44	7.7	5.9	8.9





#5

2-Fluorophenol

Concen: 81.52 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

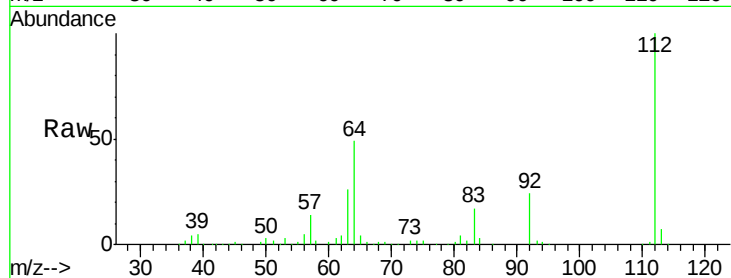
ClientSampleId :

ICVBF040115

Tot Ion:	112	Resp:	181700
Ion Ratio	Lower	Upper	
112	100		
64	49.0	39.9	59.9
63	25.7	20.2	30.4

Manual Integrations
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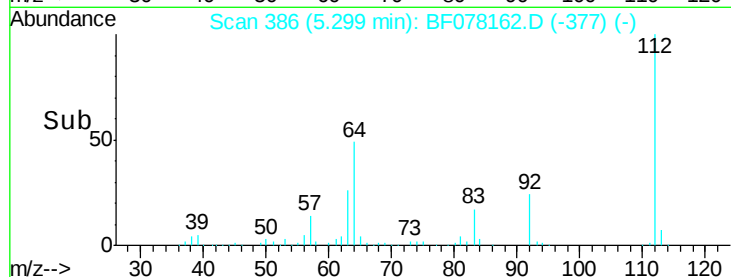


Abundance Ion 112.00 (111.70 to 112.70): E

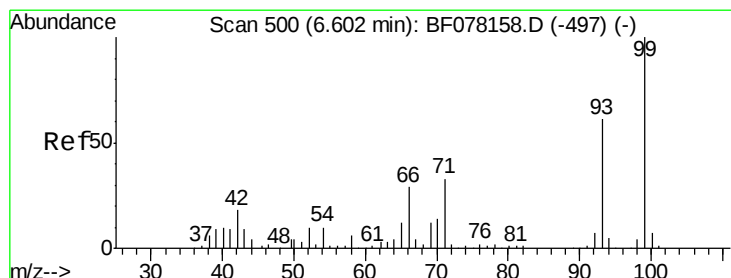
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 39.75 ng

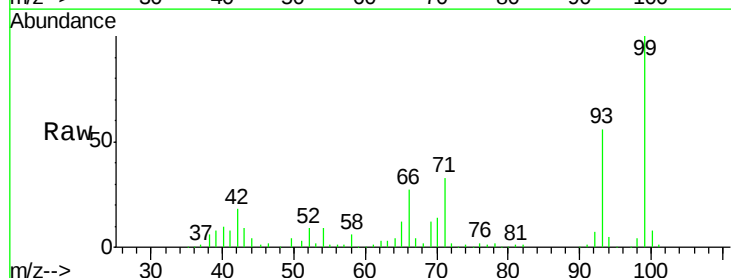
RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	93	Resp:	157465
Ion Ratio	Lower	Upper	
93	100		
66	47.8	38.0	57.0
65	20.4	16.3	24.5

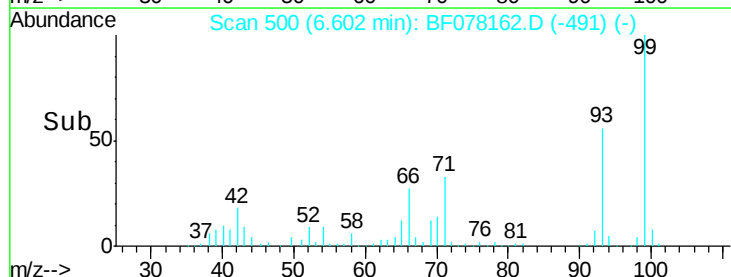


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 80.62 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

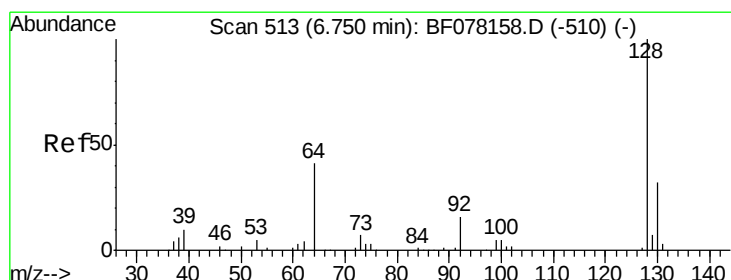
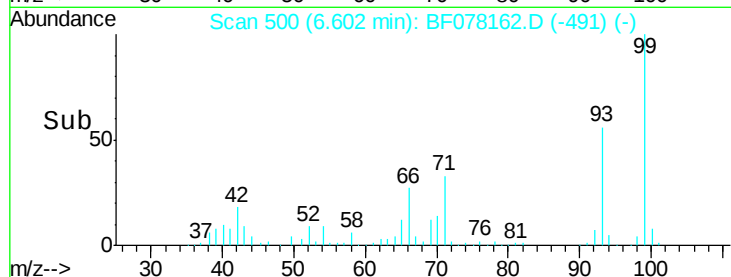
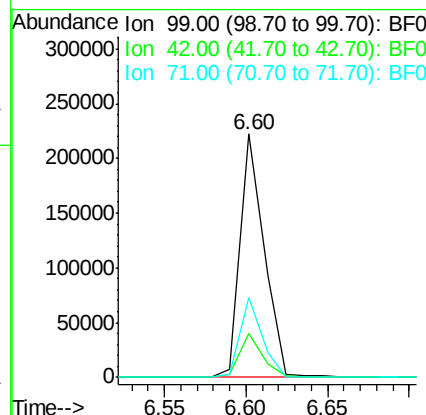
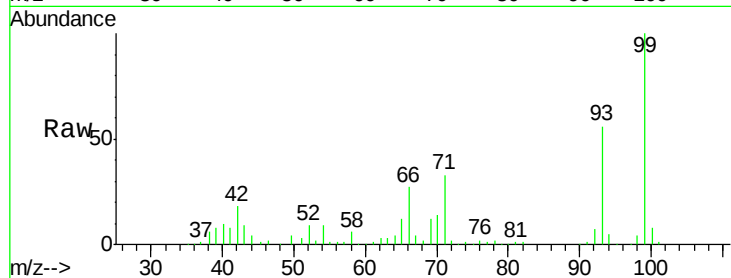
ClientSampleId :

ICVBF040115

Tot Ion:	99	Resp:	225182
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.8	22.2
71	32.6	26.6	39.8

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#8

2-Chlorophenol

Concen: 40.66 ng

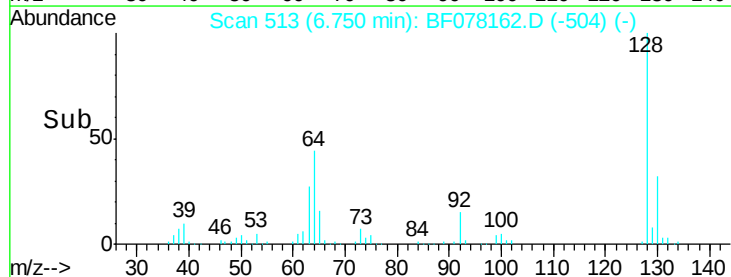
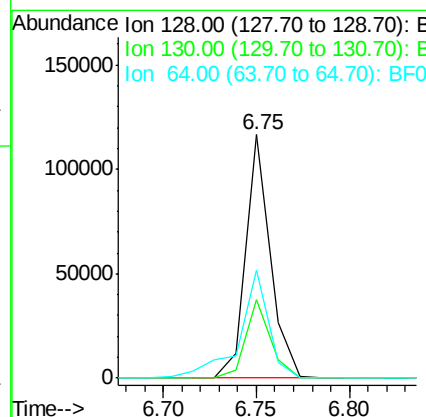
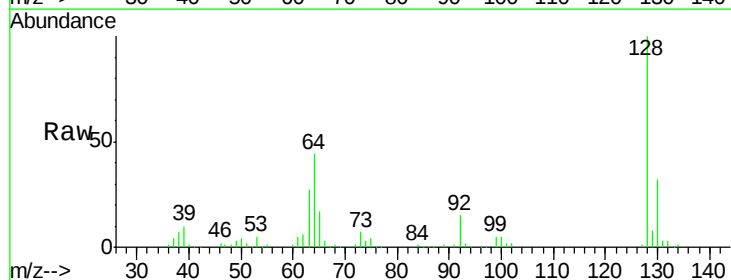
RT: 6.75 min Scan# 513

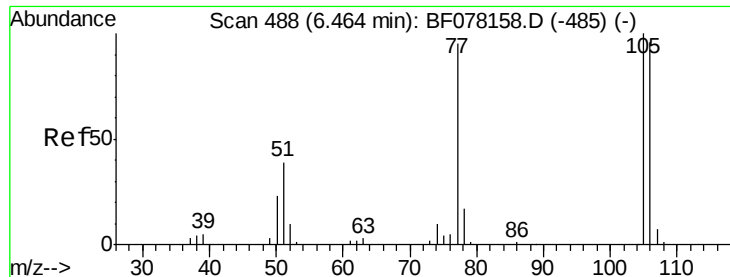
Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	128	Resp:	107172
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	44.1	23.8	63.8





#9

Benzaldehyde

Concen: 41.57 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

ClientSampleId :

ICVBF040115

Tot Ion: 77 Resp: 76951

Ion Ratio Lower Upper

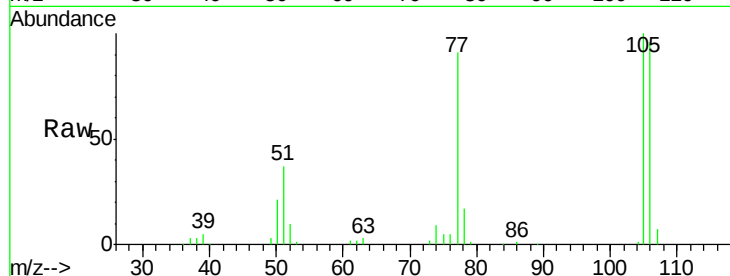
77 100

105 109.3 85.4 125.4

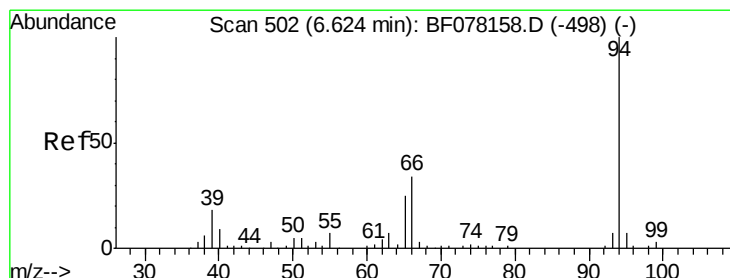
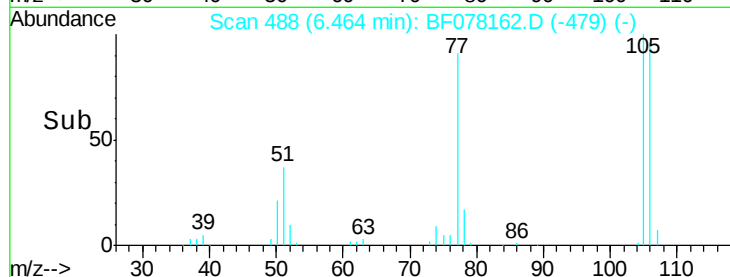
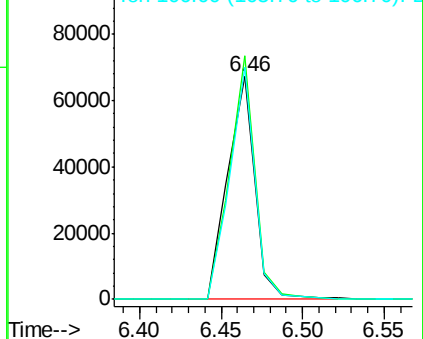
106 104.4 80.8 120.8

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.74 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

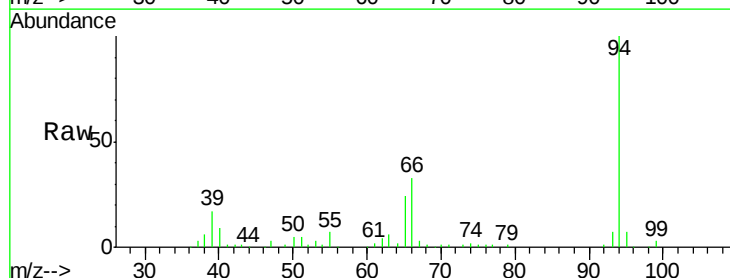
Tgt Ion: 94 Resp: 133012

Ion Ratio Lower Upper

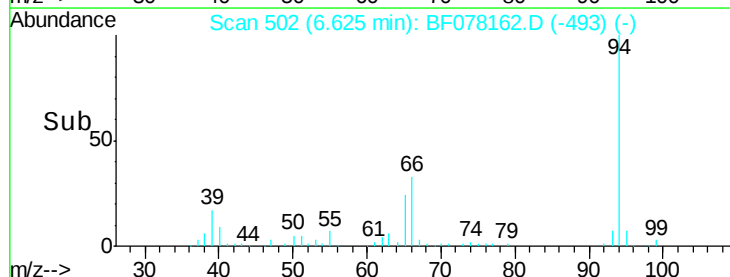
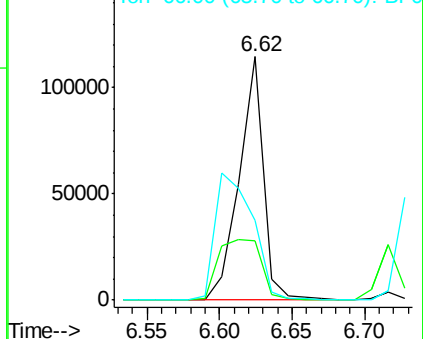
94 100

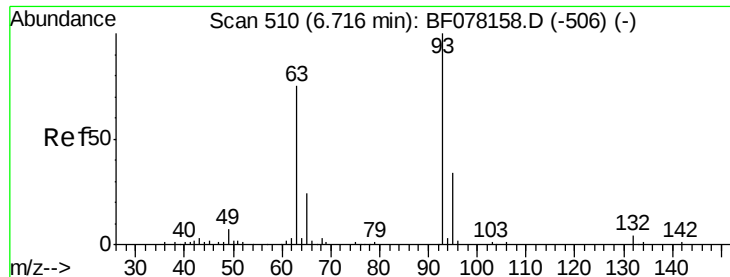
65 24.4 4.9 44.9

66 33.0 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





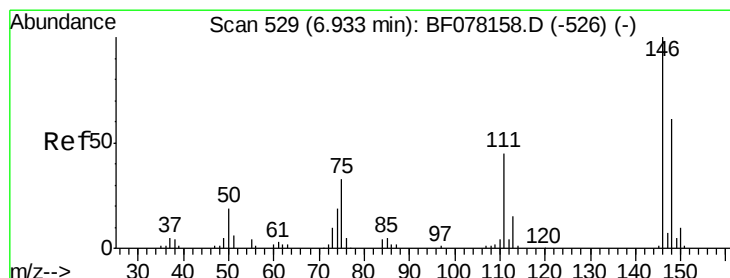
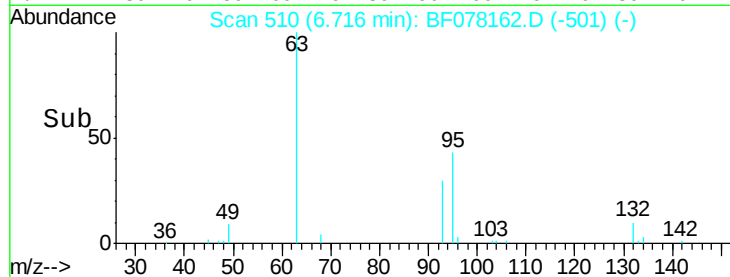
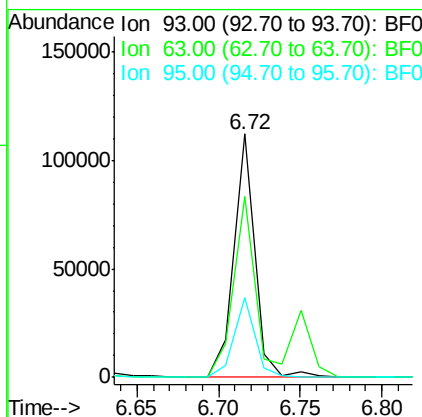
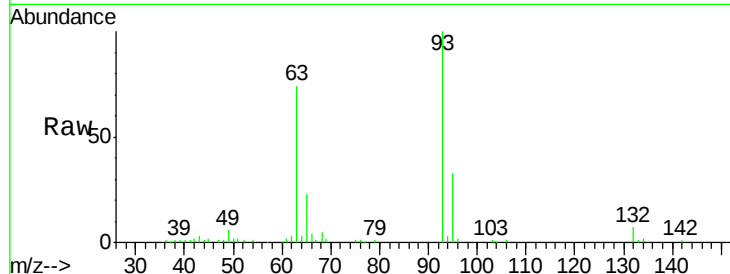
#11
bis(2-Chloroethyl)ether
Concen: 41.31 ng
RT: 6.72 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion:	93	Resp:	99419
Ion Ratio	Lower	Upper	
93	100		
63	74.4	54.6	94.6
95	32.9	13.6	53.6

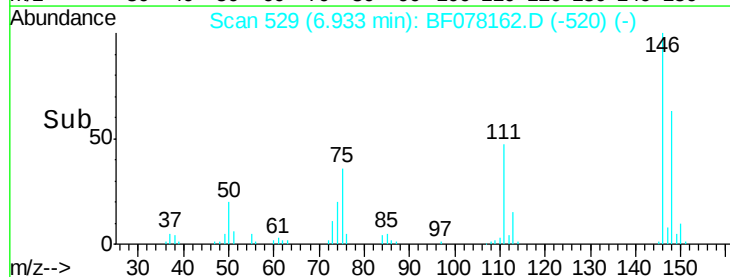
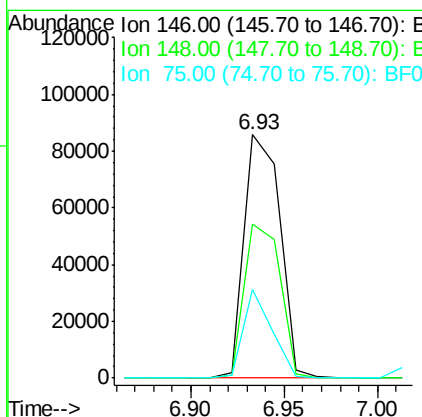
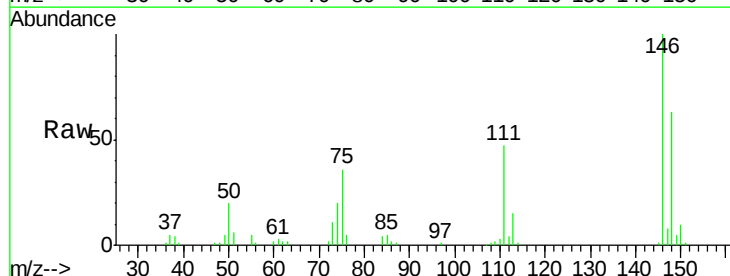
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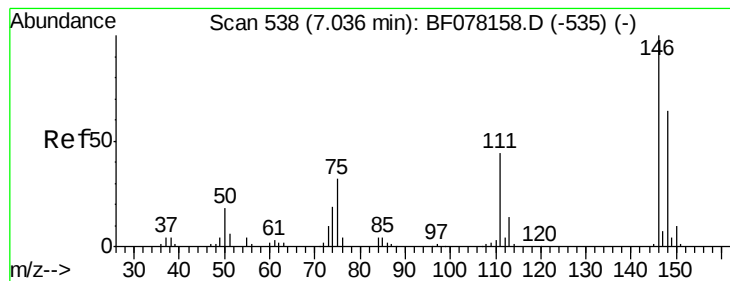
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#12
1,3-Dichlorobenzene
Concen: 39.53 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion:	146	Resp:	114433
Ion Ratio	Lower	Upper	
146	100		
148	63.3	49.1	73.7
75	36.2	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 40.76 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

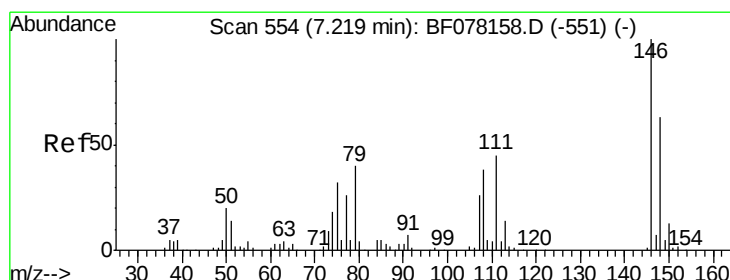
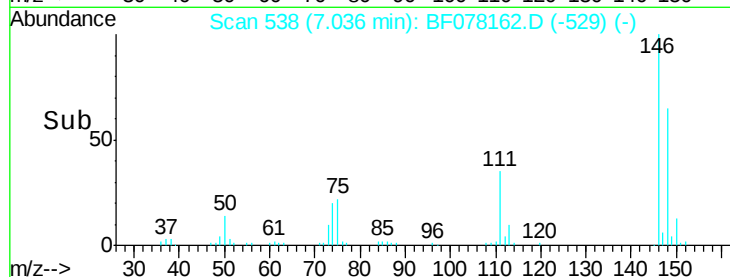
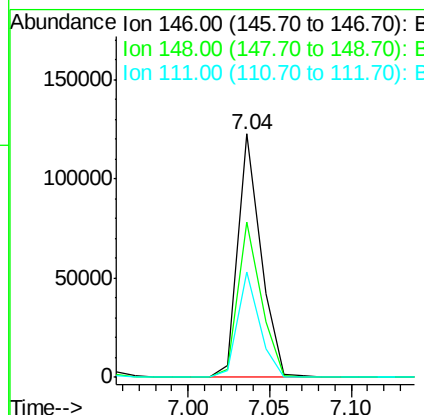
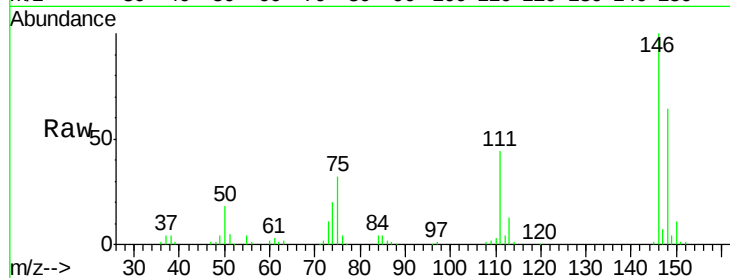
ClientSampleId :

ICVBF040115

Tot Ion:	146	Resp:	118789
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.0
111	43.5	35.0	52.4

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#14

1,2-Dichlorobenzene

Concen: 40.93 ng

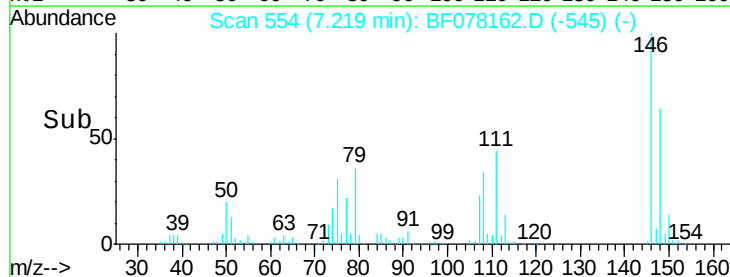
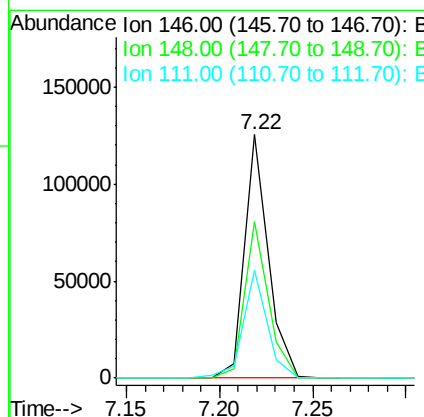
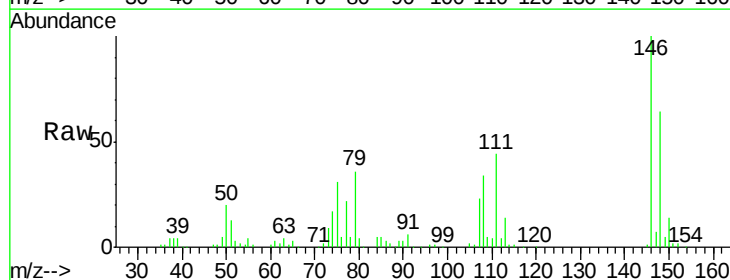
RT: 7.22 min Scan# 554

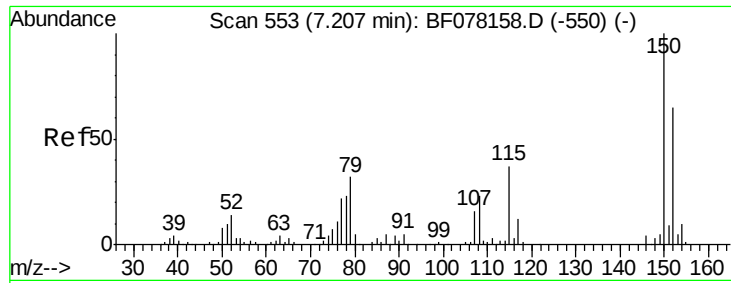
Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	146	Resp:	111825
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.2	75.4
111	44.4	36.1	54.1





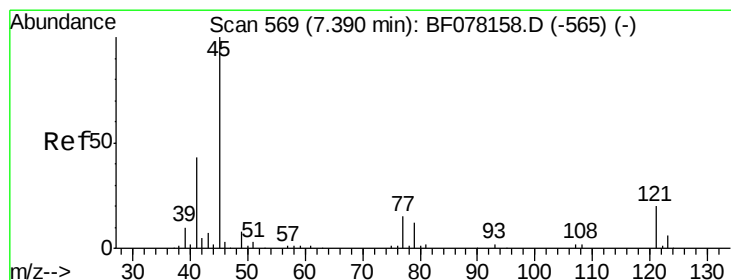
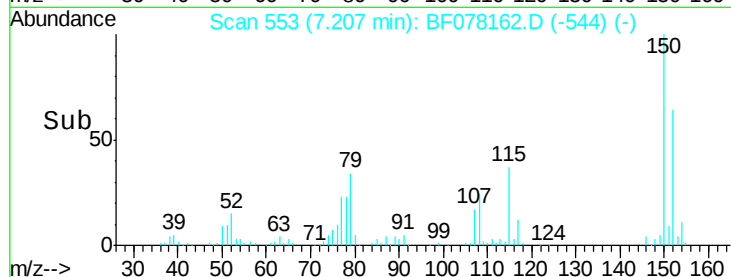
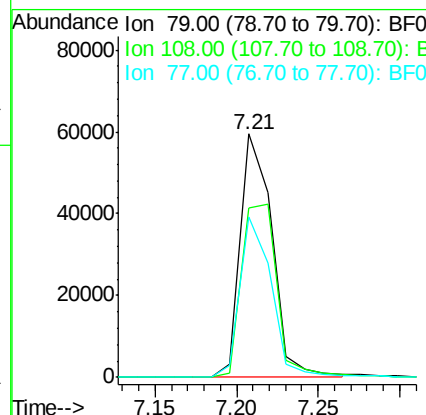
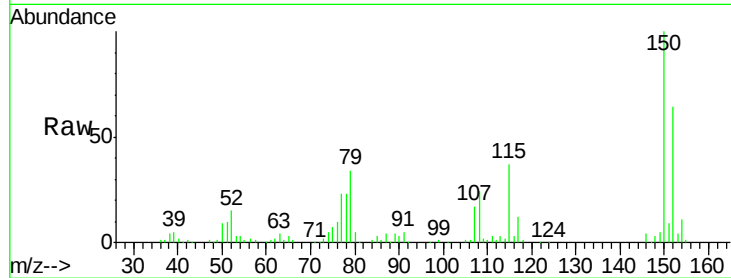
#15
Benzyl Alcohol
Concen: 40.83 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	69.7	57.6	86.4	
77	66.0	53.5	80.3	

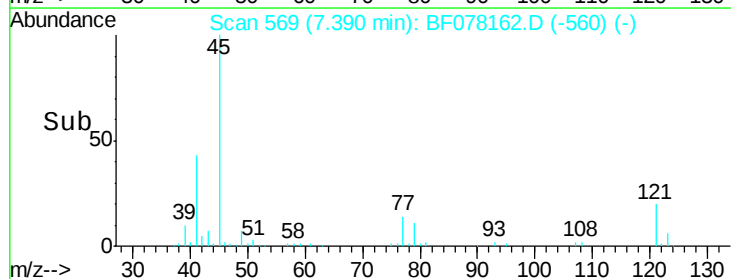
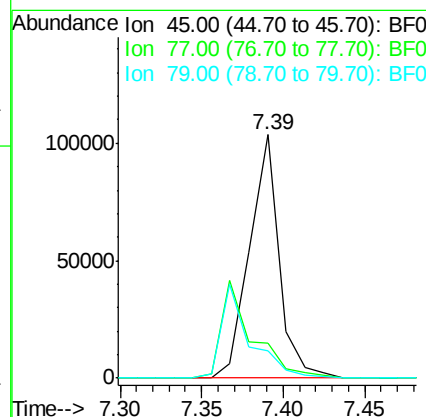
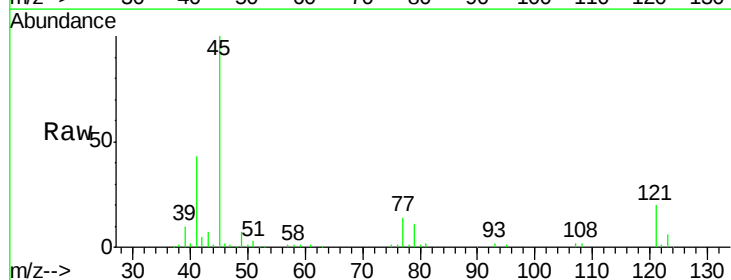
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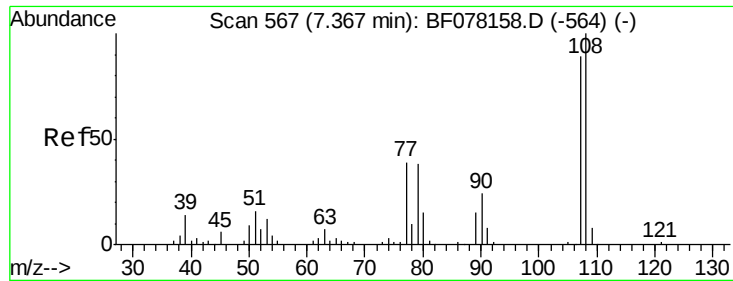
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.56 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.2	0.0	34.5	
79	11.3	0.0	31.9	





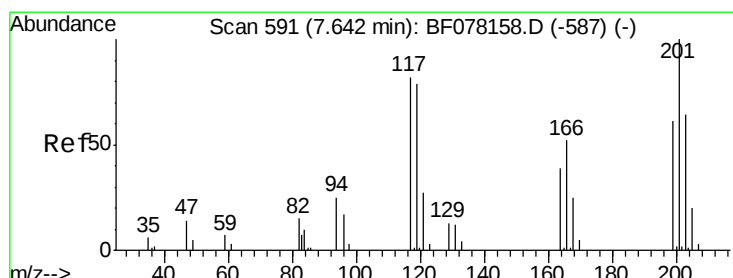
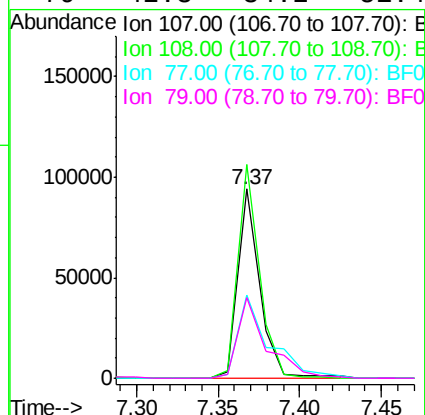
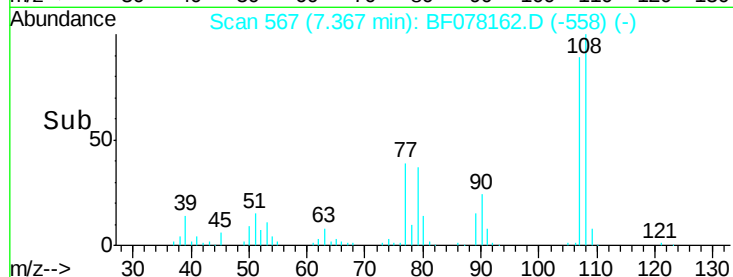
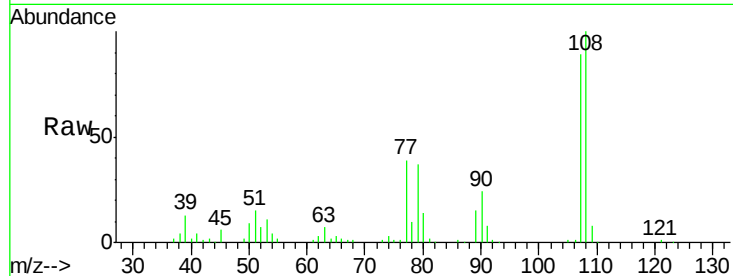
#17
2-Methylphenol
Concen: 42.22 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion:	107	Resp:	86401
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.3	135.5
77	44.0	35.5	53.3
79	42.3	34.2	51.4

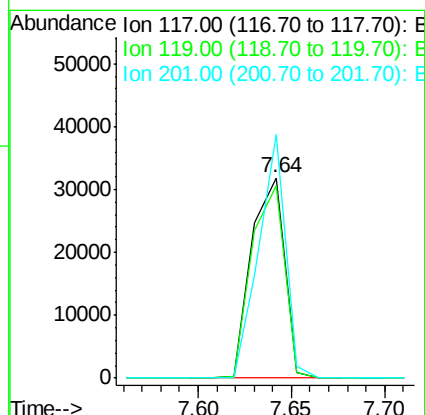
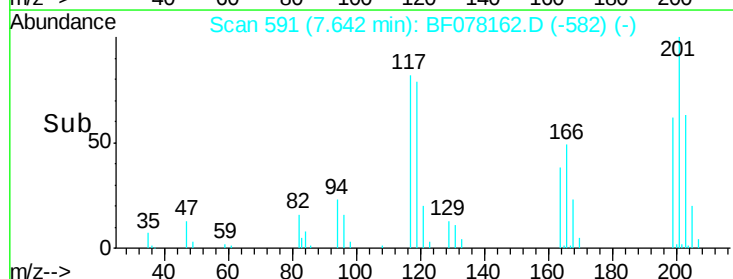
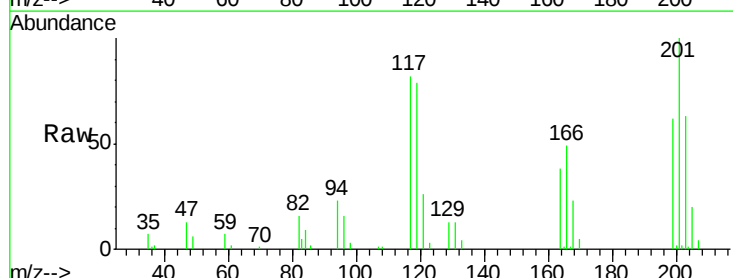
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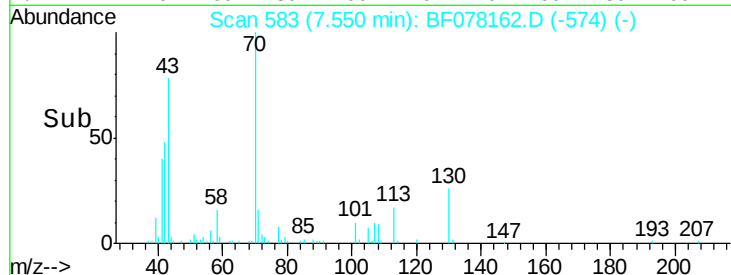
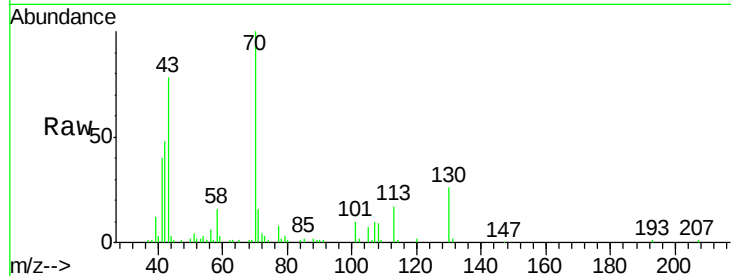
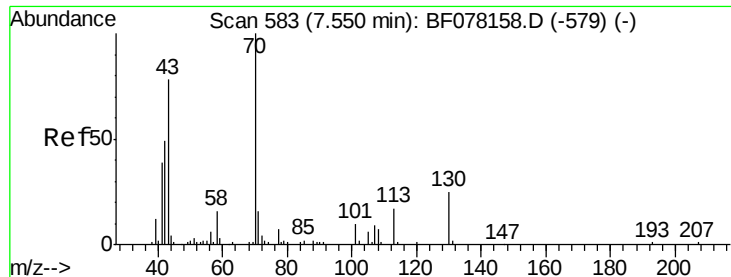
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#18
Hexachloroethane
Concen: 40.31 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion:	117	Resp:	39610
Ion Ratio	Lower	Upper	
117	100		
119	96.4	77.0	115.6
201	121.6	98.1	147.1





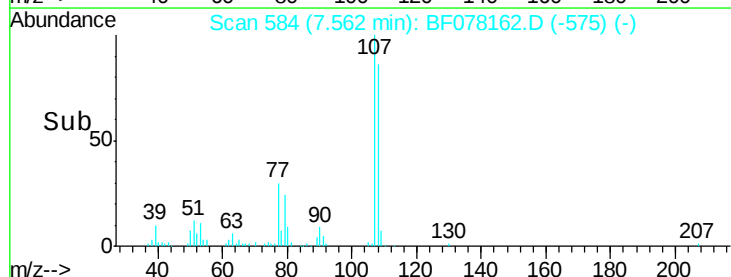
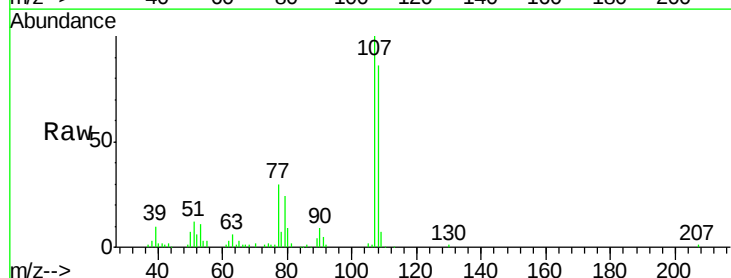
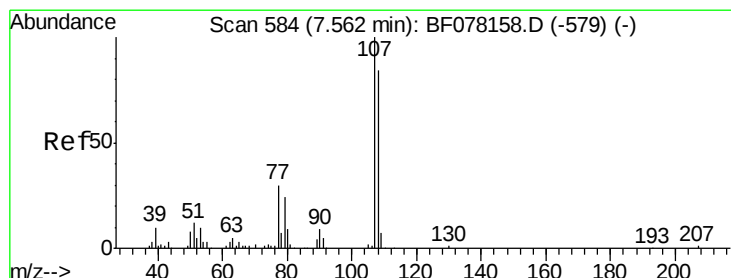
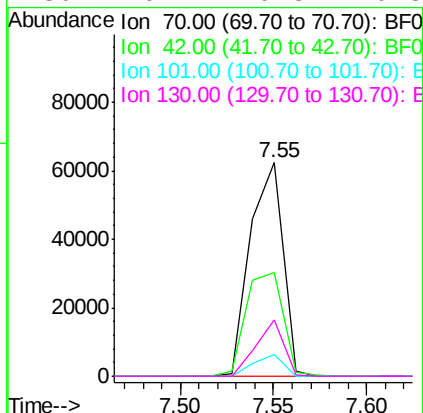
#19
n-Nitroso-di-n-propylamine
Concen: 41.12 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Manual Integrations
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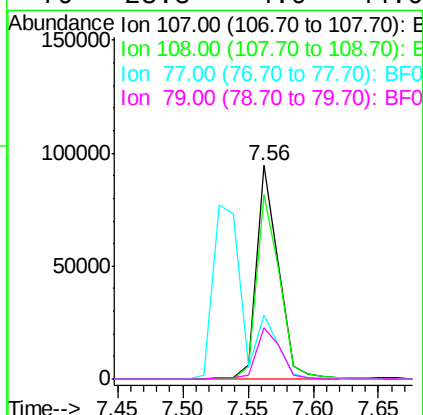
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.4	38.9	58.3	
101	10.3	8.3	12.5	
130	26.4	19.8	29.8	



#20
3+4-Methylphenols
Concen: 41.14 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	64.4	104.4	
77	30.0	9.7	49.7	
79	23.8	4.0	44.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

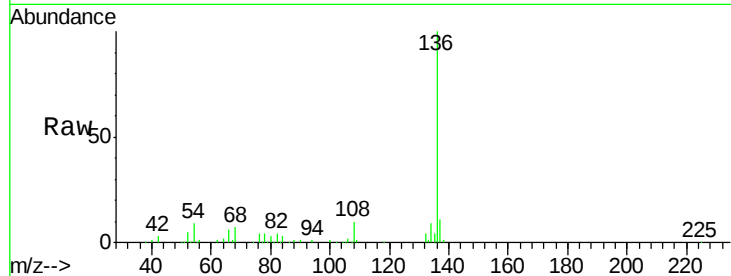
ClientSampleId :

ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
136	100	148030		
137	11.3	9.0	13.4	
54	8.7	7.0	10.6	
68	7.4	5.4	8.2	

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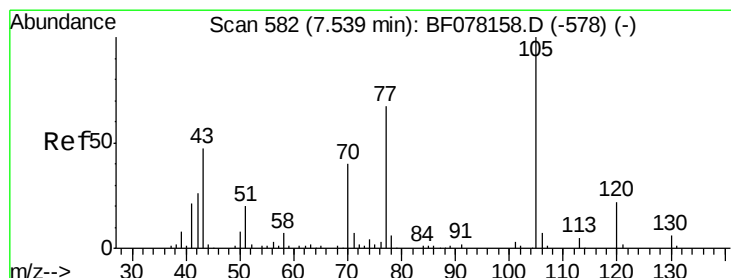
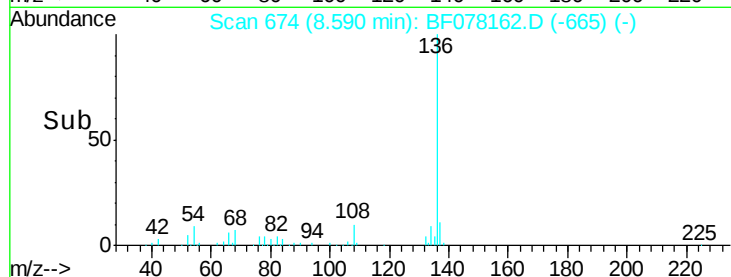
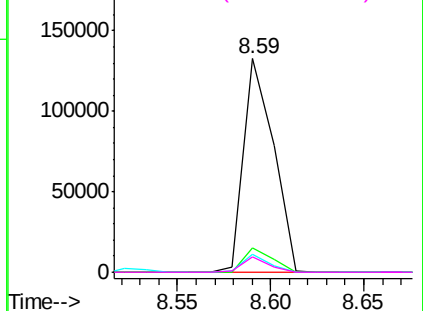


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.52 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

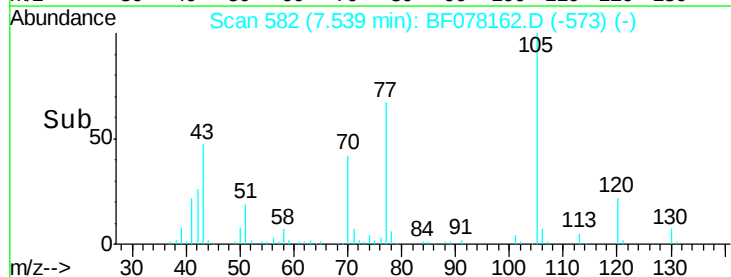
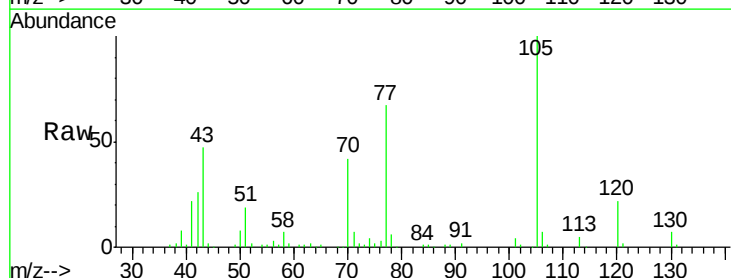
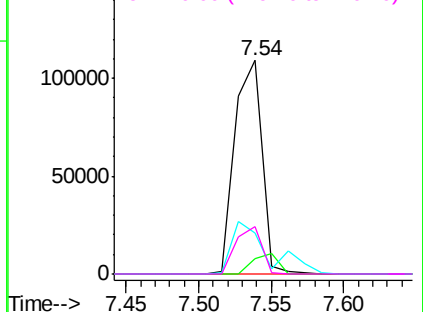
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	143204		
71	7.4	5.5	8.3	
51	18.9	16.0	24.0	
120	22.3	17.8	26.6	

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: 82.71 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

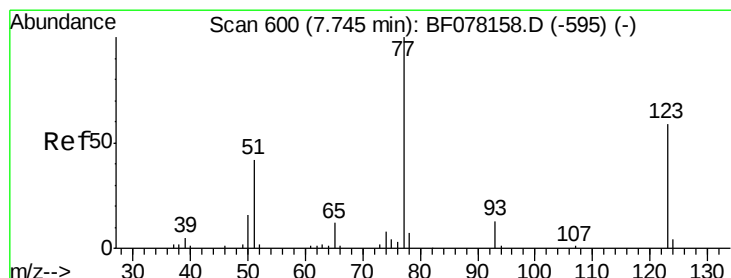
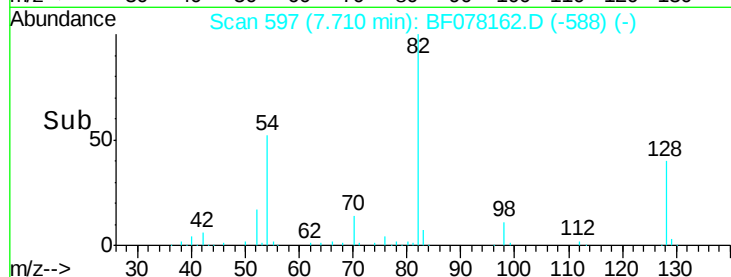
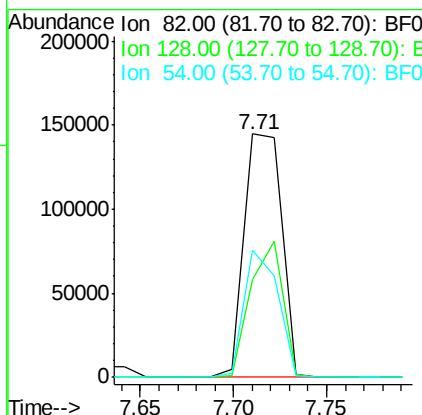
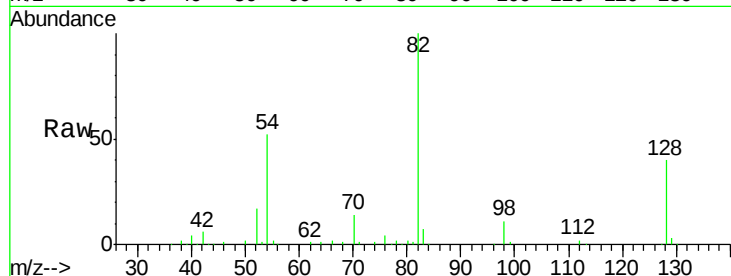
ClientSampleId :

ICVBF040115

Tot Ion:	82	Resp:	201999
Ion Ratio	Lower	Upper	
82	100		
128	40.1	31.8	47.8
54	52.0	41.5	62.3

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#24

Nitrobenzene

Concen: 41.59 ng

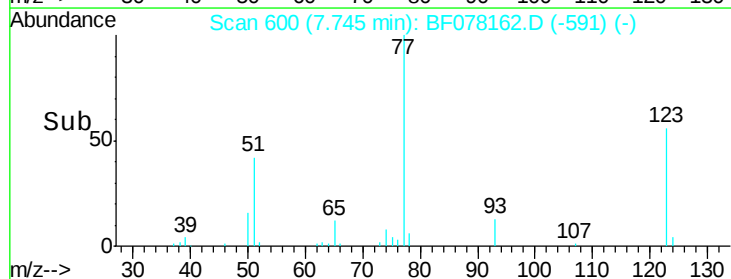
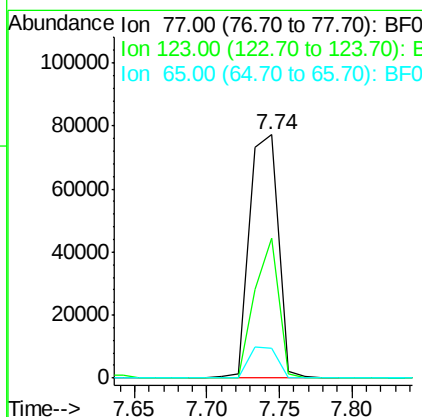
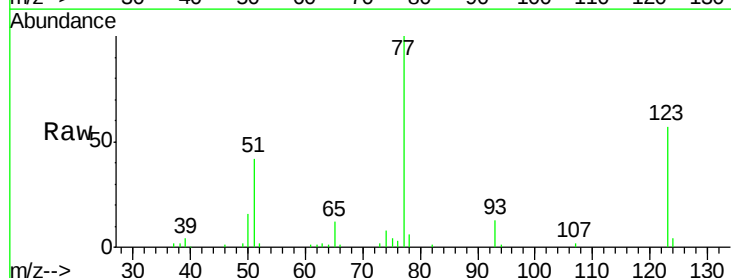
RT: 7.74 min Scan# 600

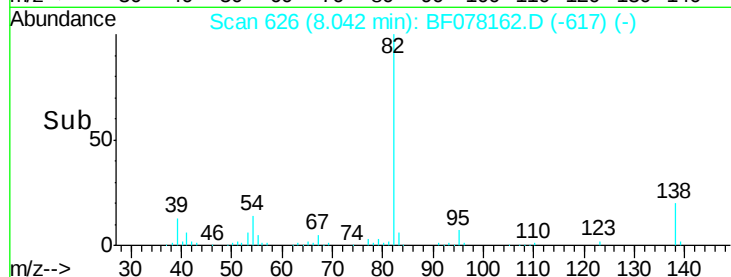
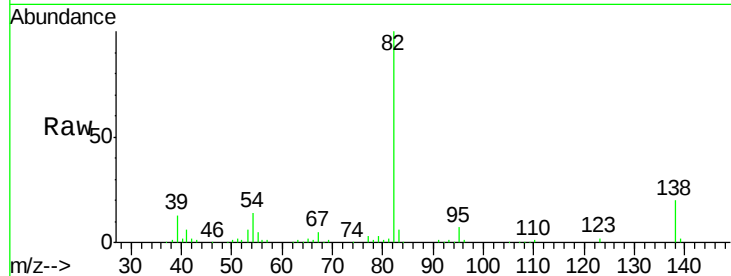
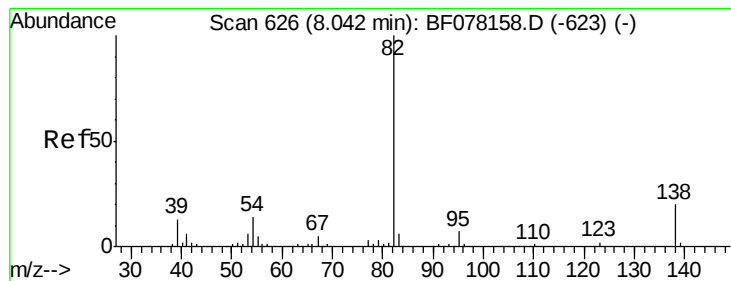
Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	77	Resp:	106192
Ion Ratio	Lower	Upper	
77	100		
123	57.5	46.9	70.3
65	12.0	9.5	14.3





#25

Isophorone

Concen: 42.56 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tot Ion:	82	Resp:	197255
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	20.3	15.8	23.8

Instrument :

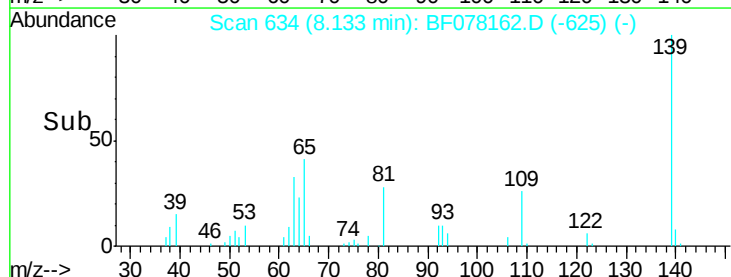
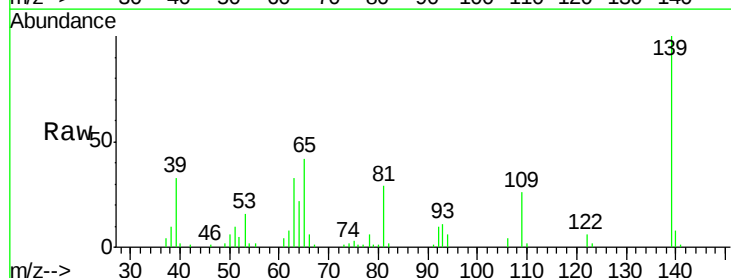
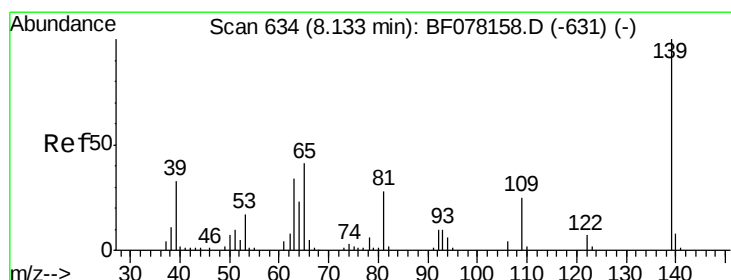
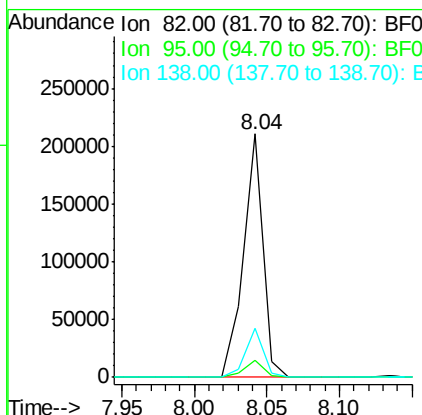
BNA_F

ClientSampleId :

ICVBF040115

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#26

2-Nitrophenol

Concen: 44.95 ng

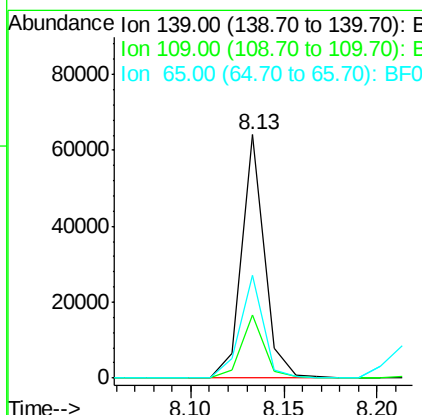
RT: 8.13 min Scan# 634

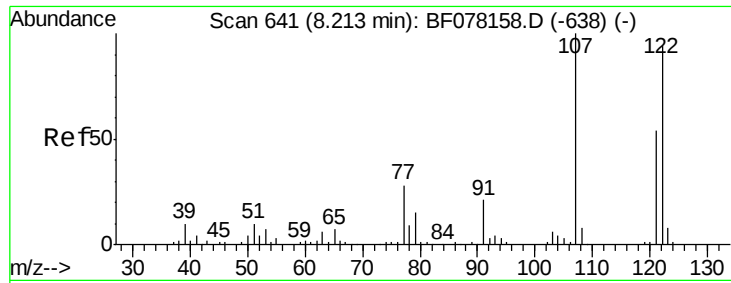
Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	139	Resp:	54688
Ion Ratio	Lower	Upper	
139	100		
109	25.9	19.8	29.8
65	42.4	32.7	49.1





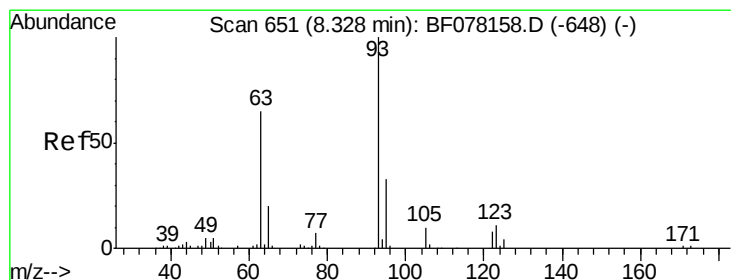
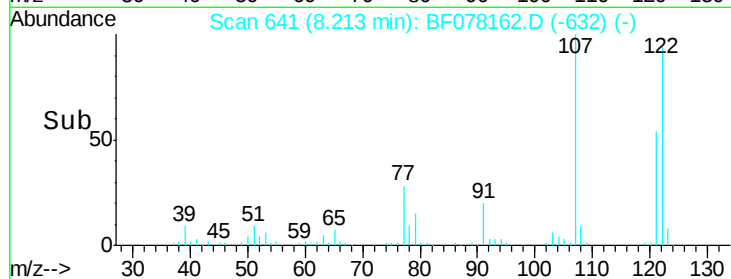
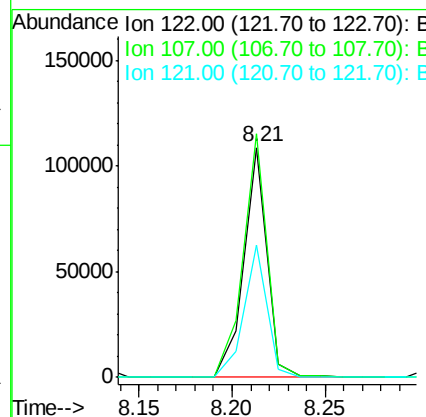
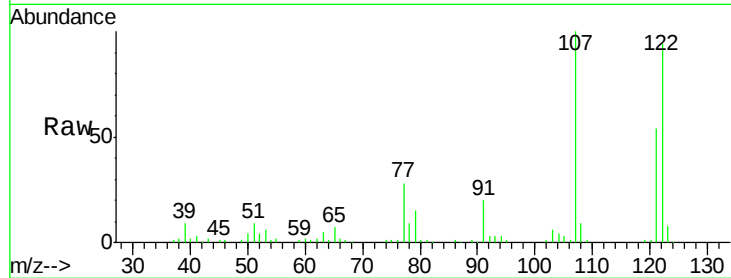
#27
 2,4-Dimethylphenol
 Concen: 41.98 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		94964		
107	106.0	84.6	127.0		
121	57.7	46.0	69.0		

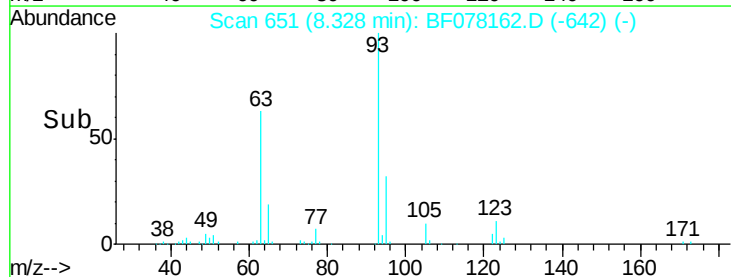
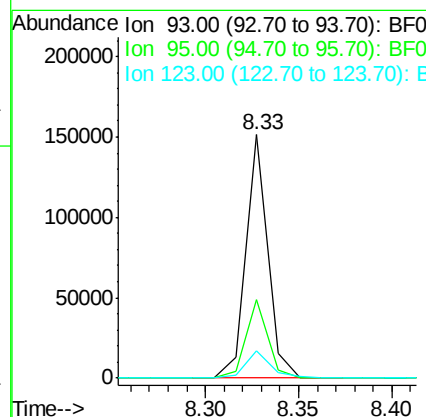
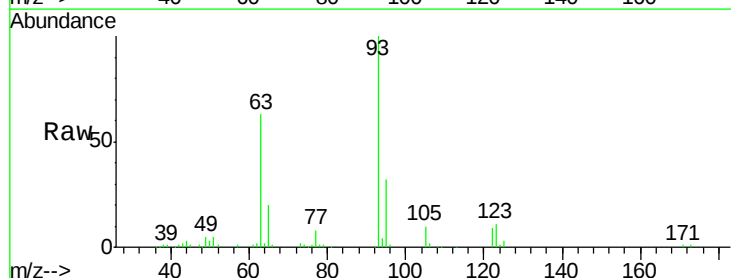
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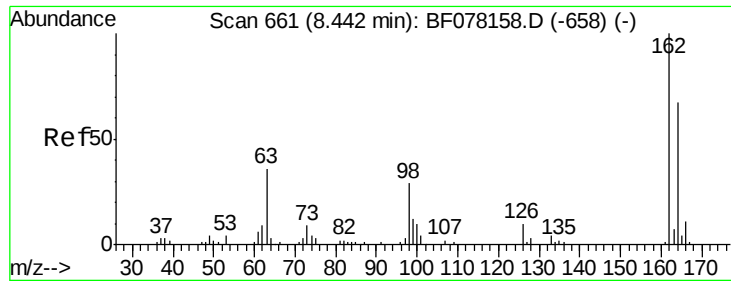
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.69 ng
 RT: 8.33 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		123921		
95	32.3	26.3	39.5		
123	11.0	9.1	13.7		





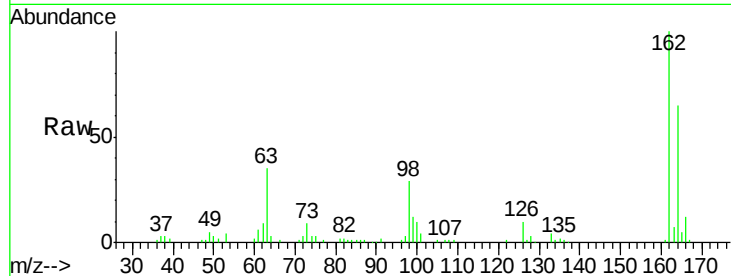
#29
 2,4-Dichlorophenol
 Concen: 41.92 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

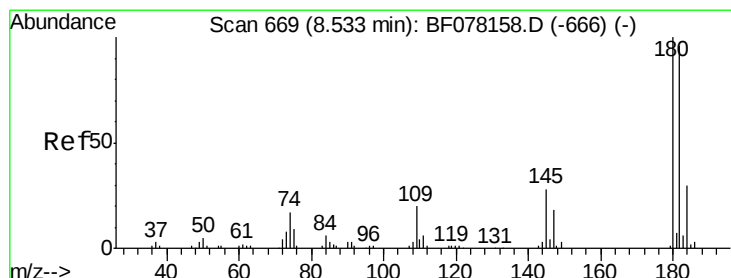
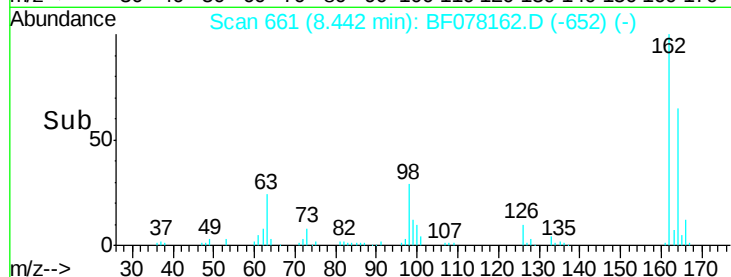
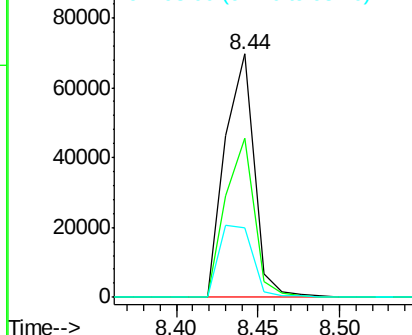
Tot Ion	Ratio	Resp	Lower	Upper
162	100	86271		
164	65.2	47.0	87.0	
98	28.7	9.2	49.2	

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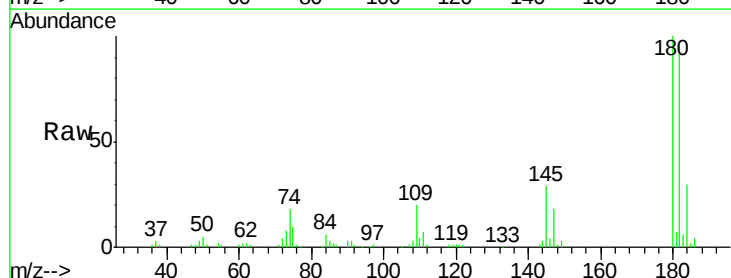


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

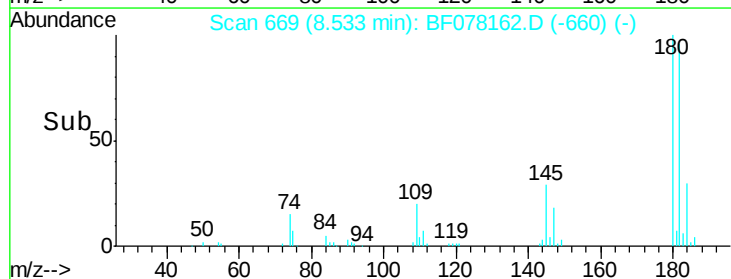
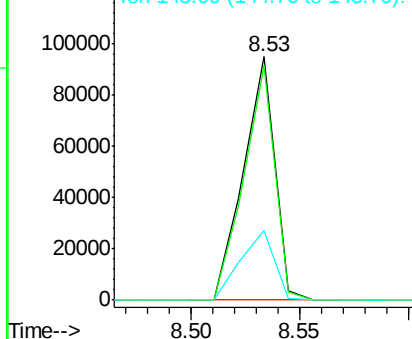


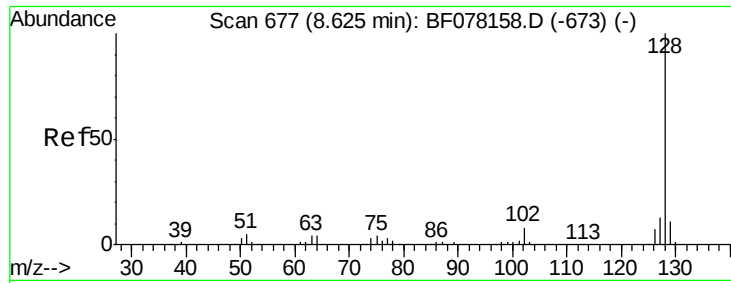
#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94583		
182	96.4	76.9	115.3	
145	28.5	22.5	33.7	



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





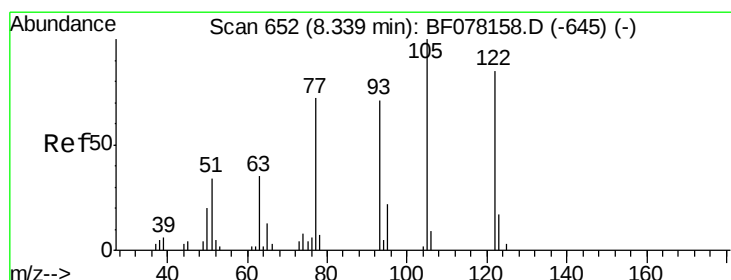
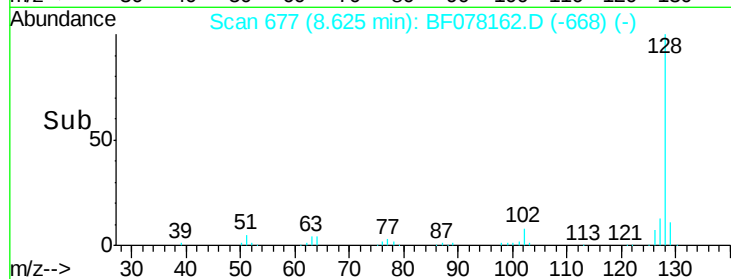
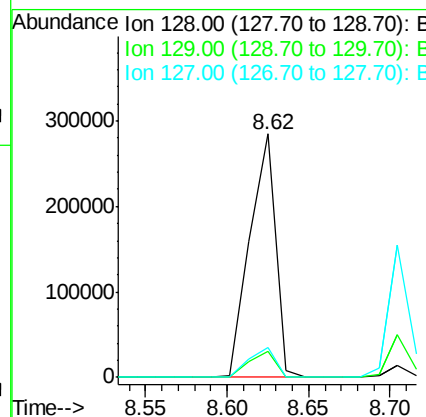
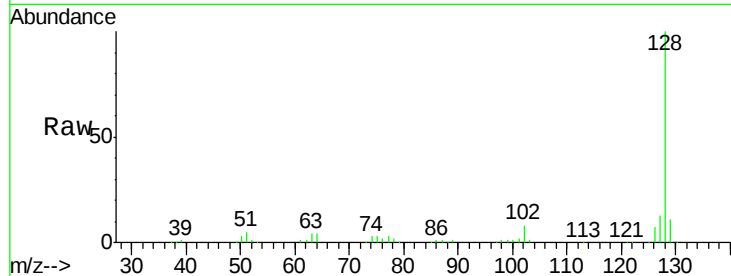
#31
Naphthalene
Concen: 40.40 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.5	10.7	16.1

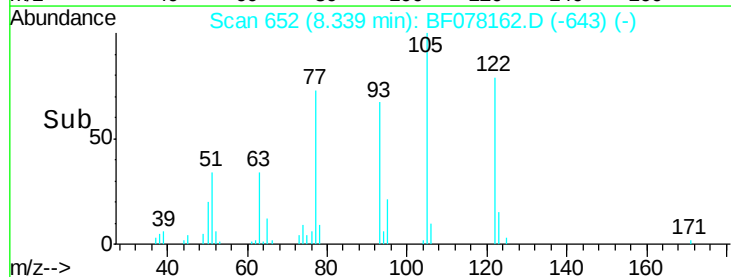
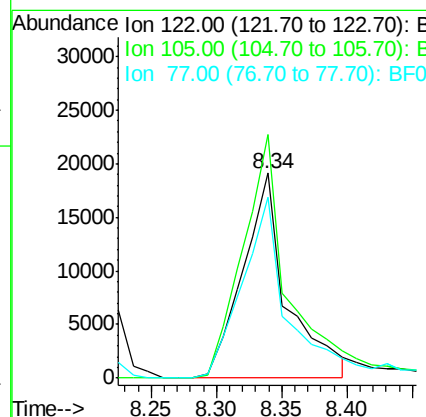
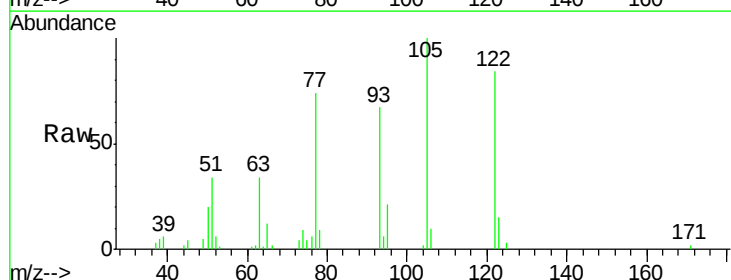
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#32
Benzoic acid
Concen: 43.25 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	96.1	136.1
77	88.2	64.1	104.1





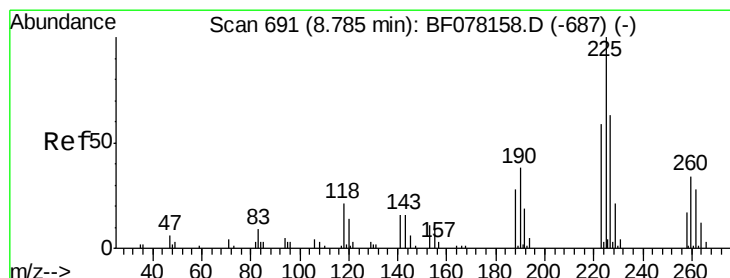
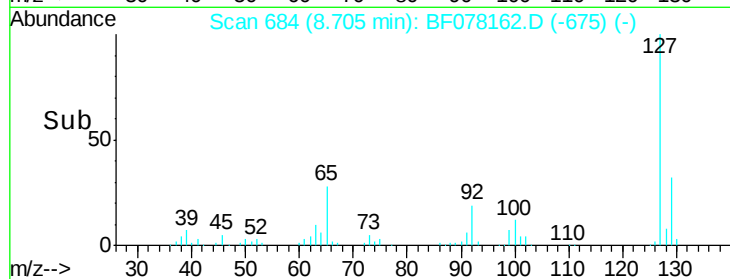
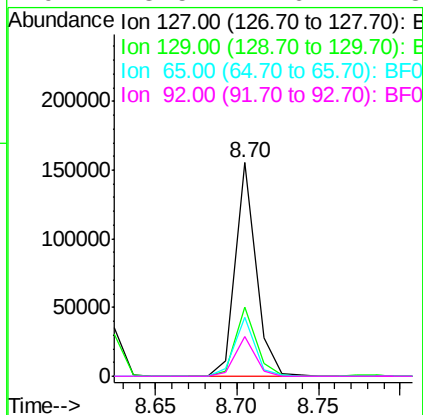
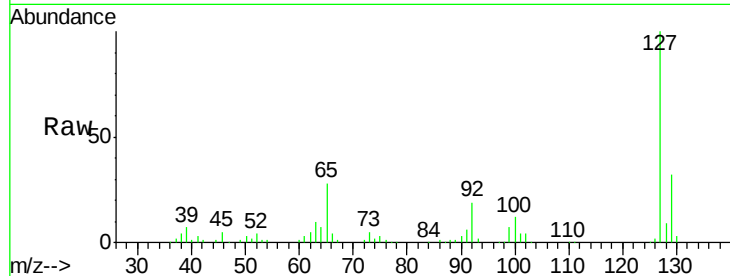
#33
4-Chloroaniline
Concen: 42.44 ng
RT: 8.70 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	25.5	38.3		
65	27.5	21.7	32.5		
92	18.5	14.6	21.8		

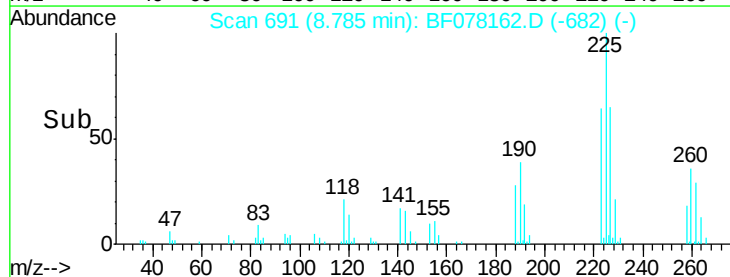
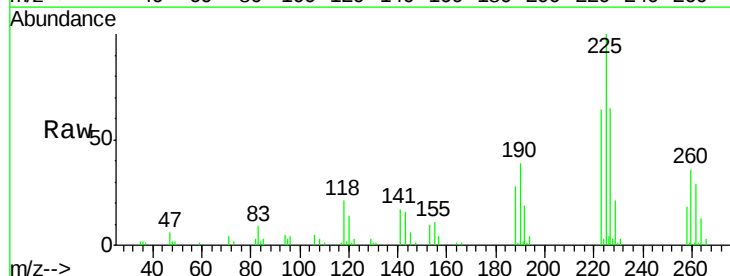
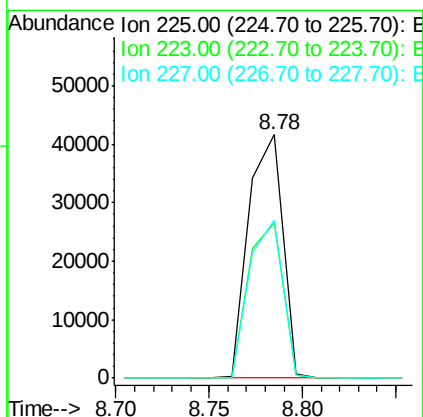
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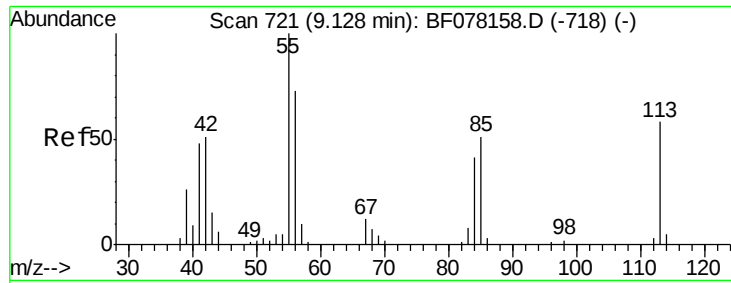
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#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 8.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	47.5	71.3		
227	64.9	50.2	75.2		





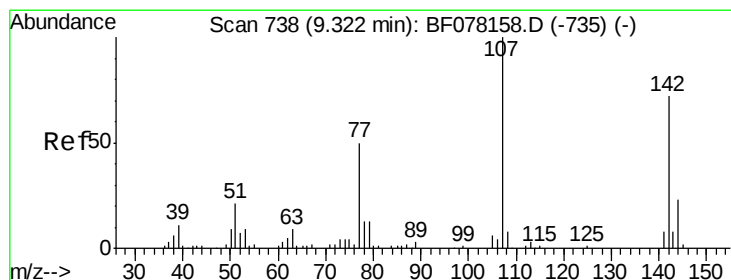
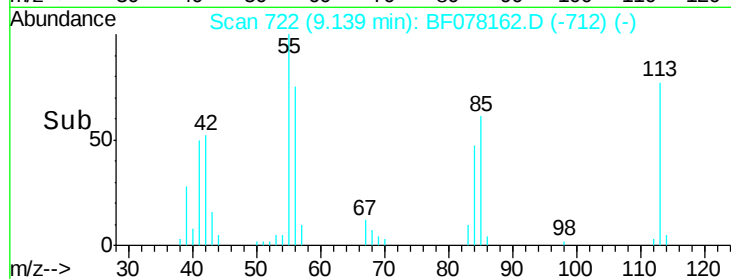
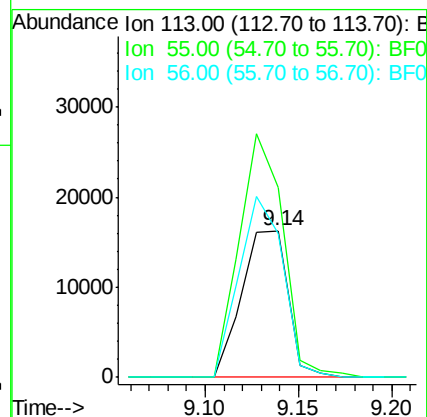
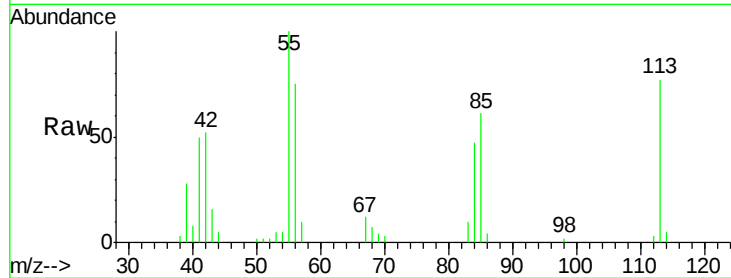
#35
 Caprolactam
 Concen: 45.84 ng
 RT: 9.14 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion:113 Resp: 28162
 Ion Ratio Lower Upper
 113 100
 55 129.6 151.9 191.9#
 56 97.6 106.1 146.1#

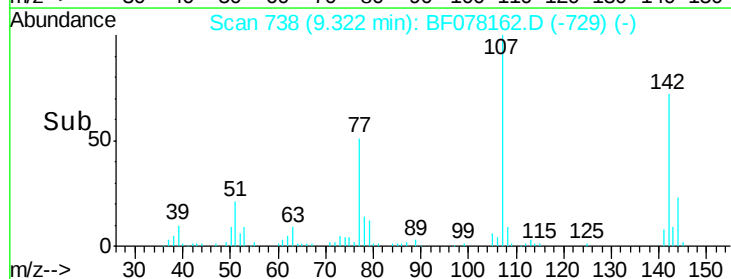
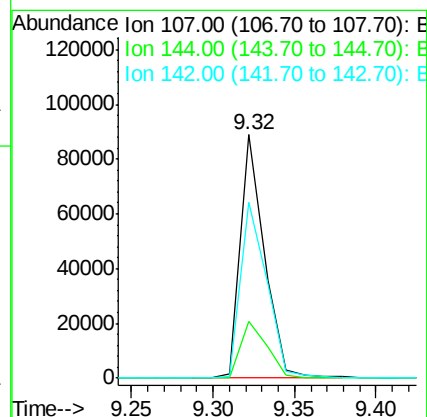
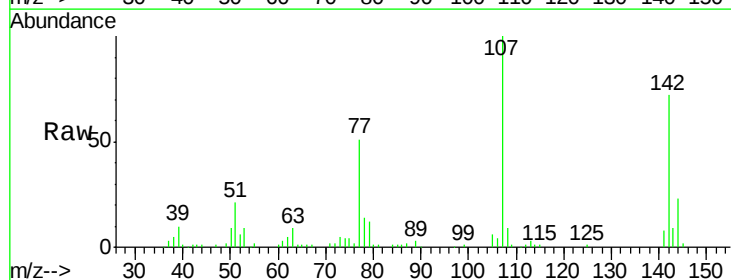
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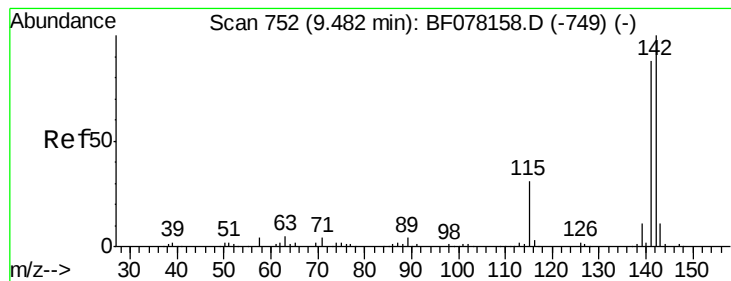
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#36
 4-Chloro-3-methylphenol
 Concen: 43.41 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion:107 Resp: 90140
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.2 27.2
 142 72.4 58.0 87.0





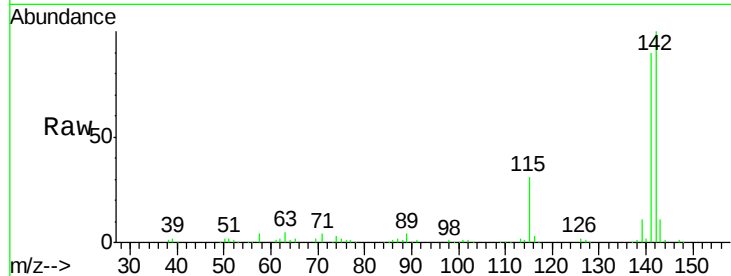
#37
 2-Methylnaphthalene
 Concen: 41.08 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.3	105.5
115	31.1	24.6	37.0

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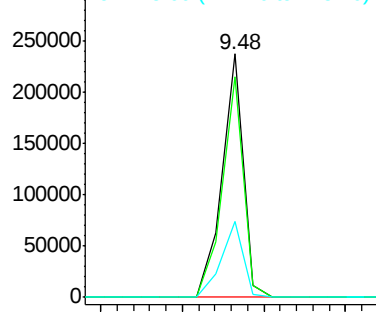


Abundance

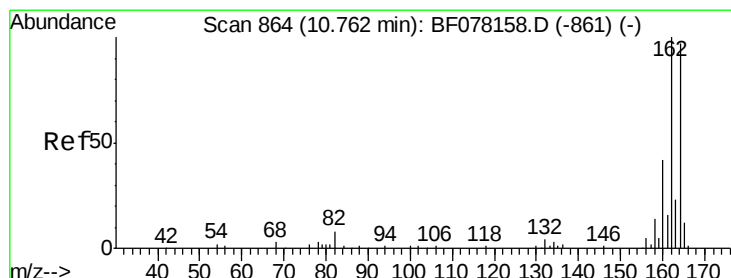
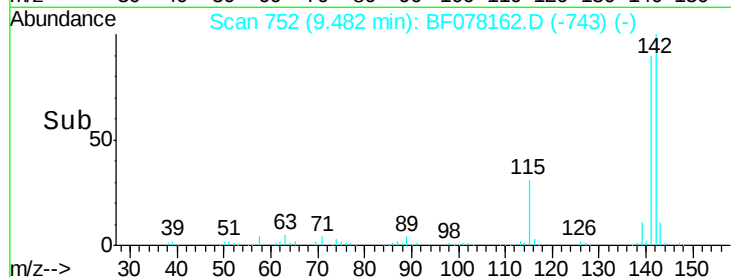
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

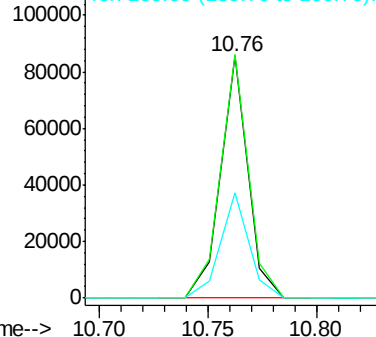
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	43.5	34.7	52.1

Abundance

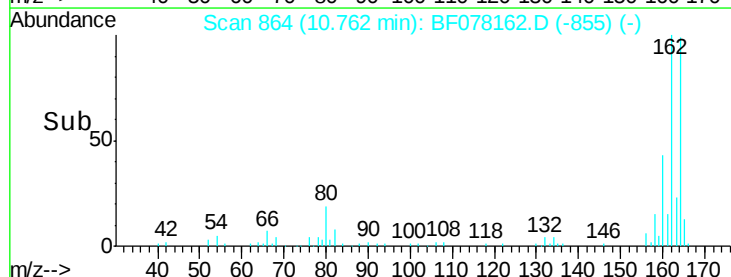
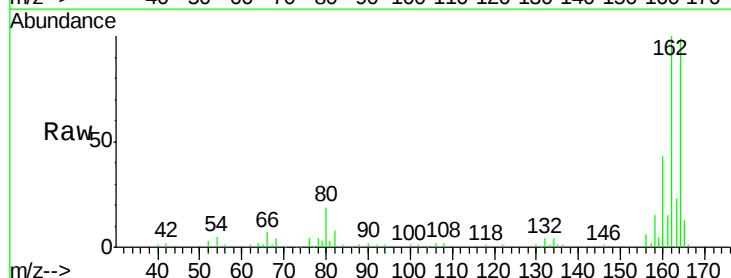
Ion 164.00 (163.70 to 164.70): E

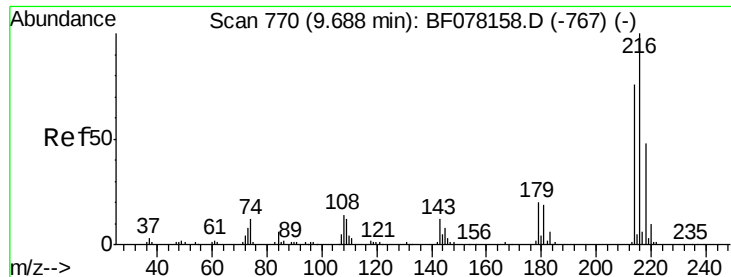
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.59 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

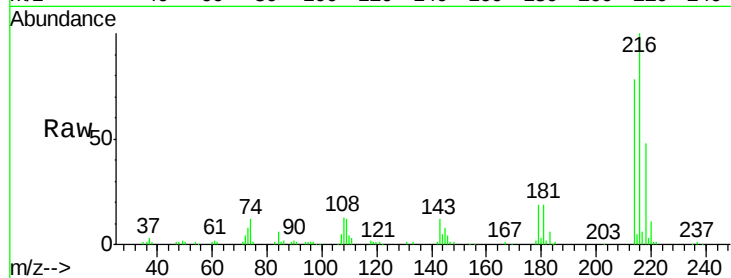
ClientSampleId :

ICVBF040115

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.8		62.0	93.0	
179	20.9		17.3	25.9	
108	18.3		14.6	21.8	

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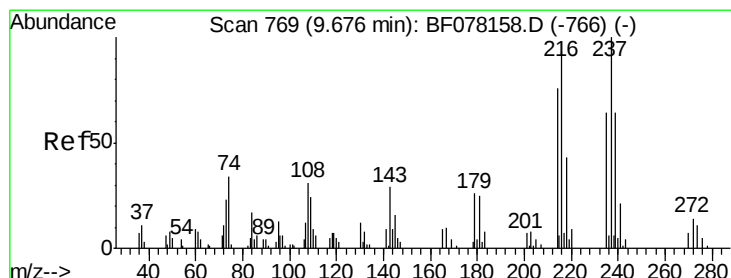
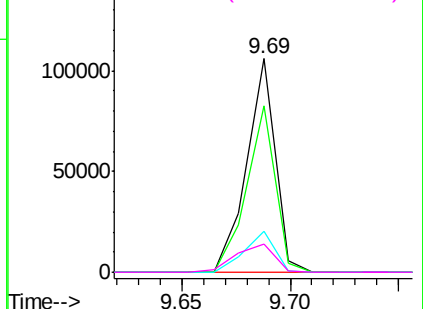
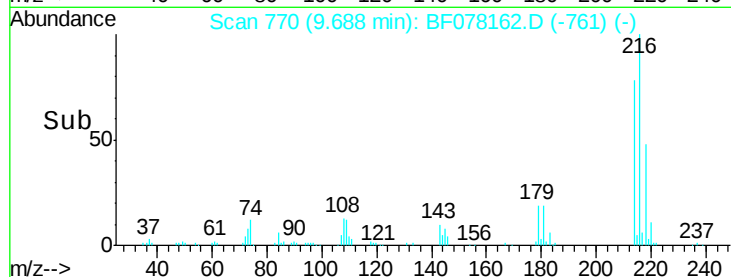


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.62 ng

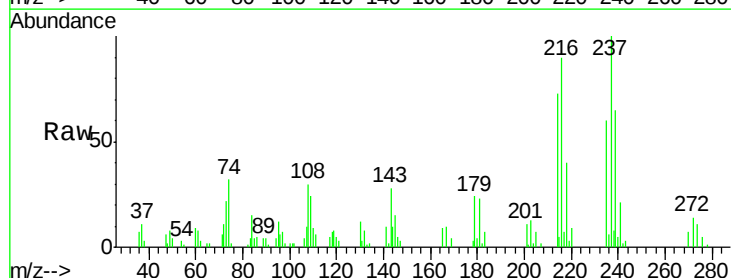
RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

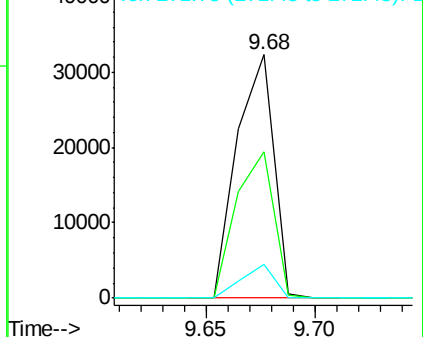
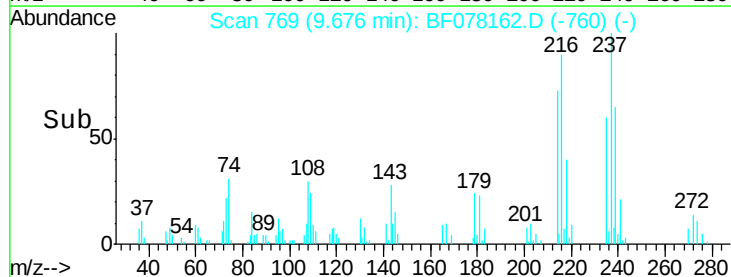
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	59.9		44.1	84.1	
272	13.7		0.0	34.4	

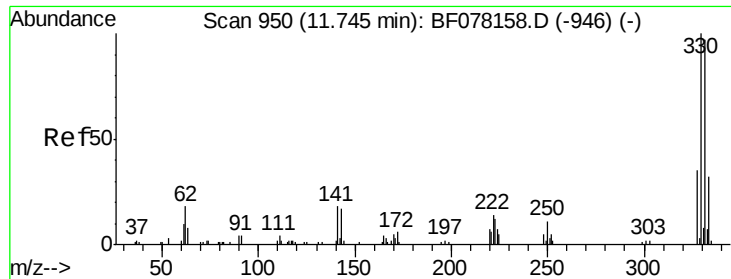


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





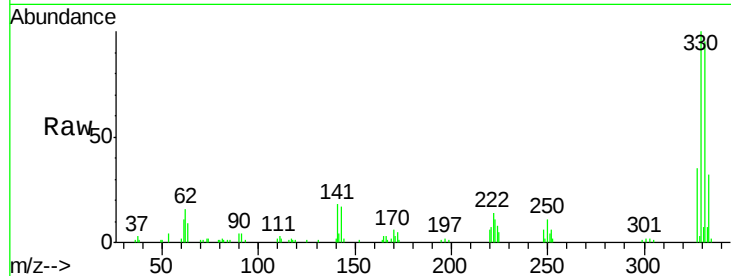
#41
 2,4,6-Tribromophenol
 Concen: 88.94 ng
 RT: 11.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

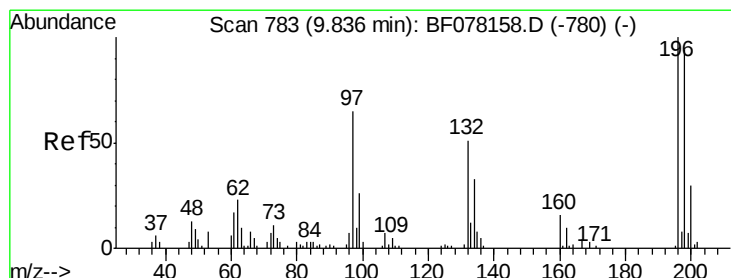
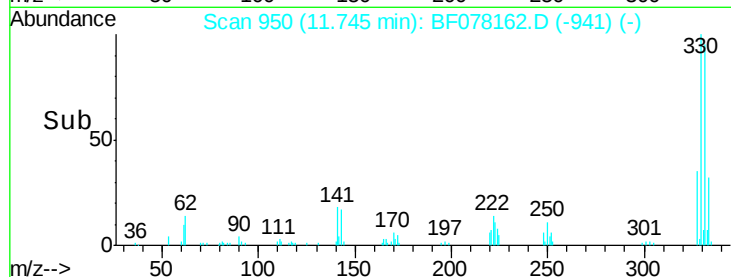
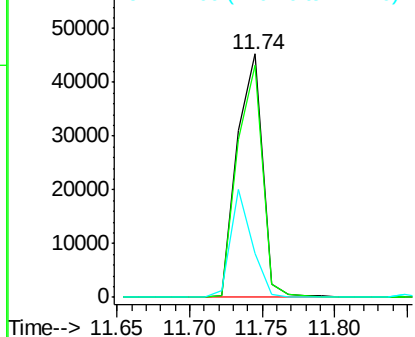
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.6	117.8
141	37.5	31.2	46.8

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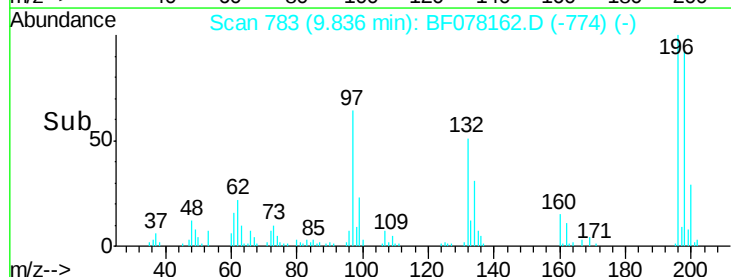
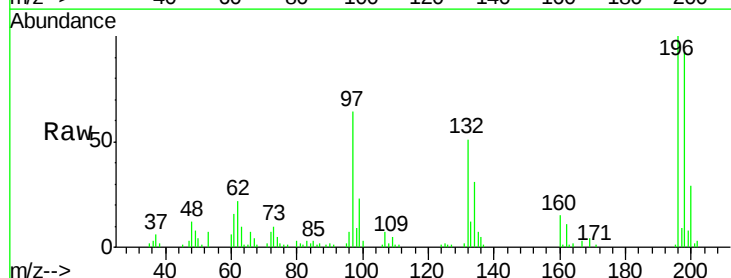
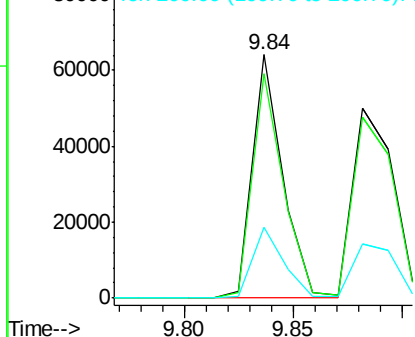
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

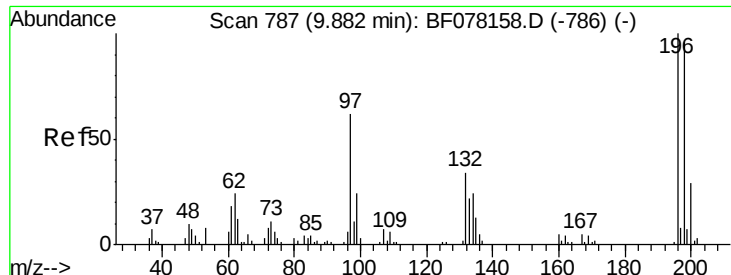


#42
 2,4,6-Trichlorophenol
 Concen: 42.69 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.4	113.2
200	29.2	24.0	36.0

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





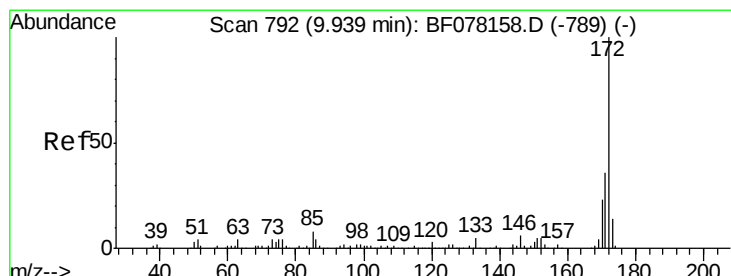
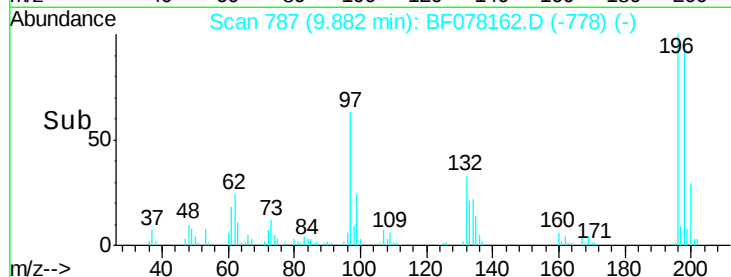
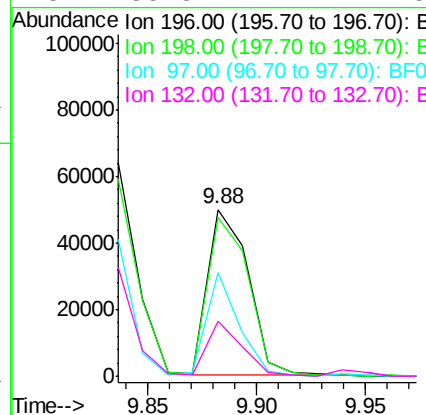
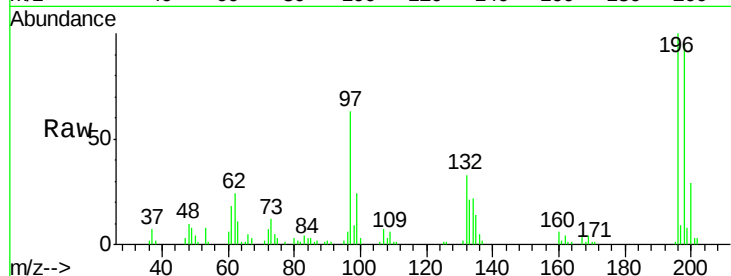
#43
 2,4,5-Trichlorophenol
 Concen: 42.21 ng
 RT: 9.88 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion:	196	Resp:	64493
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.6	115.0
97	62.6	50.6	75.8
132	33.3	27.7	41.5

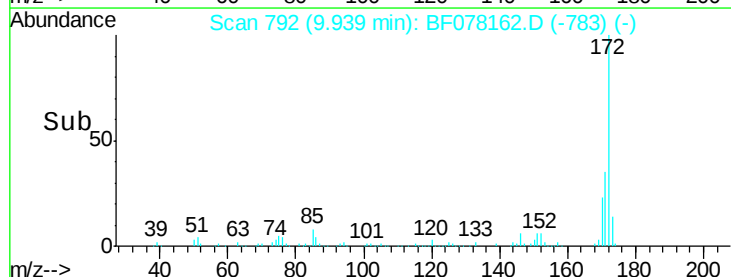
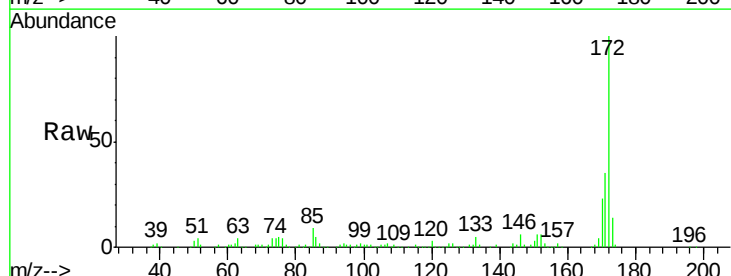
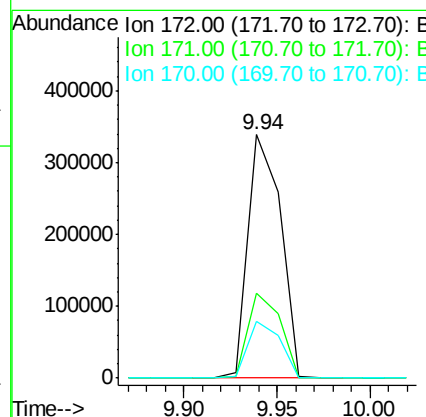
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 79.68 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion:	172	Resp:	417180
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	23.3	18.5	27.7





#45

1,1'-Biphenyl

Concen: 41.97 ng

RT: 10.06 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

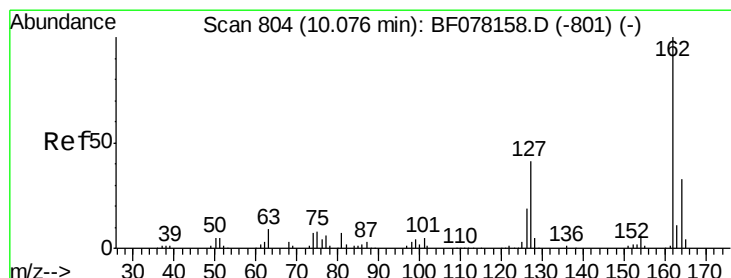
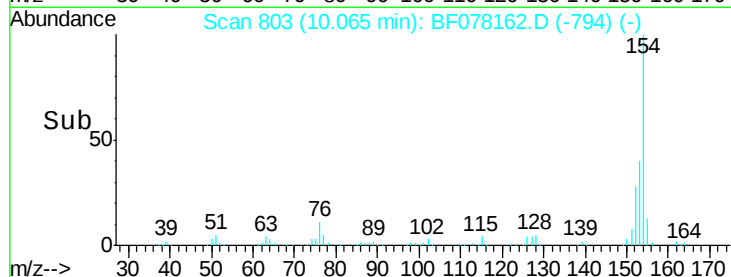
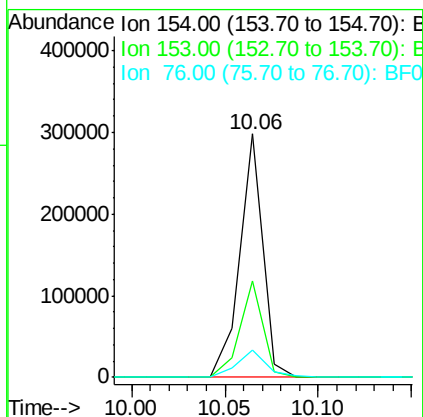
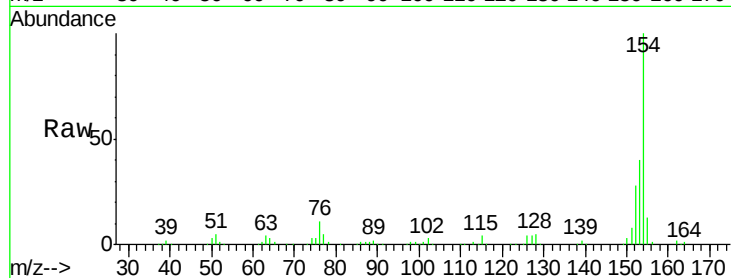
ClientSampleId :

ICVBF040115

Tot Ion:	154	Resp:	256945
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.0	60.0
76	11.4	0.0	30.6

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.59 ng

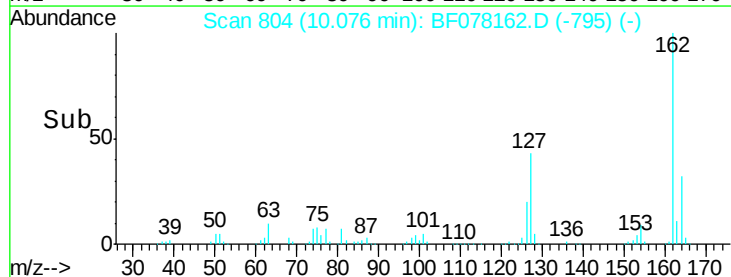
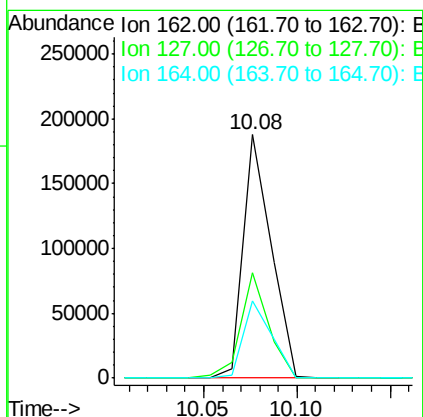
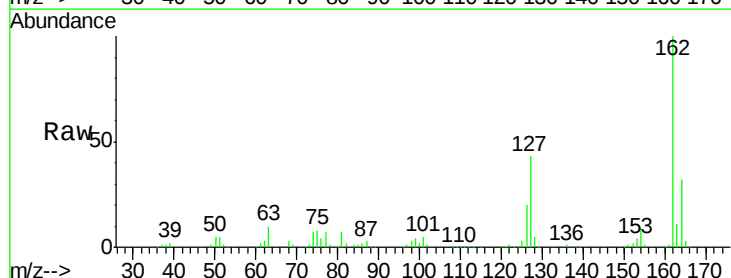
RT: 10.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	162	Resp:	195491
Ion Ratio	Lower	Upper	
162	100		
127	43.3	32.6	49.0
164	31.6	26.0	39.0





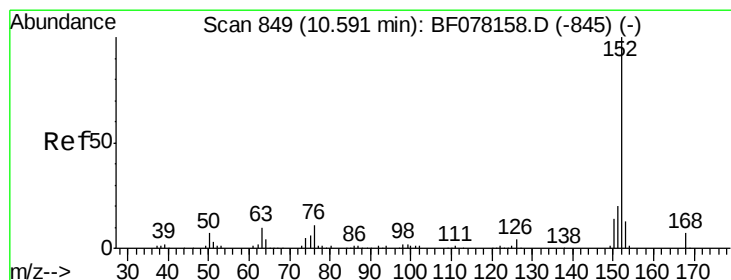
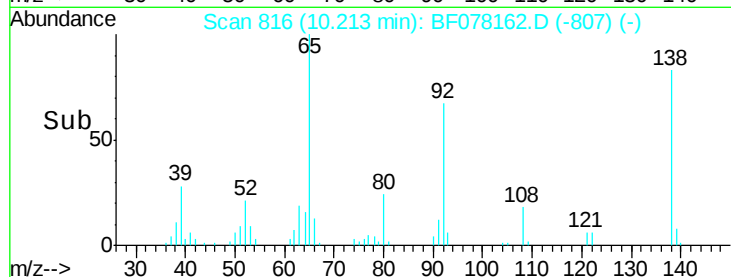
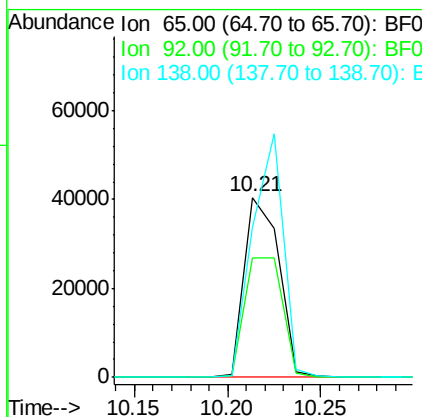
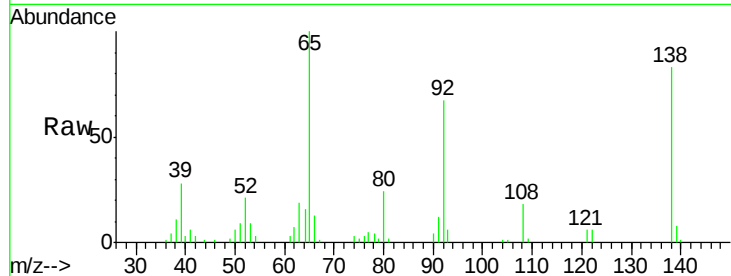
#47
2-Nitroaniline
Concen: 43.98 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	51.3	76.9
138	83.4	70.4	105.6

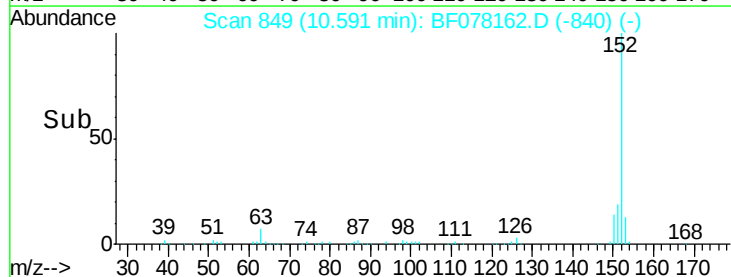
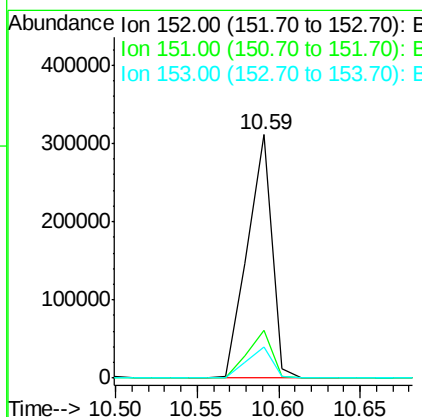
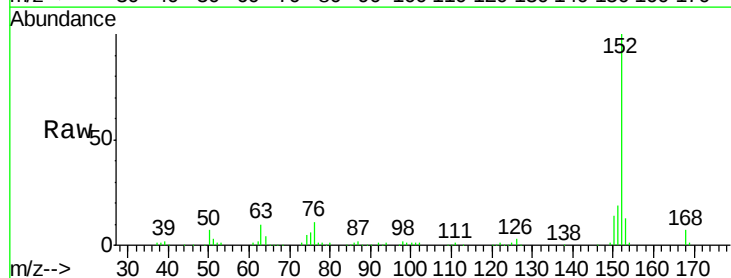
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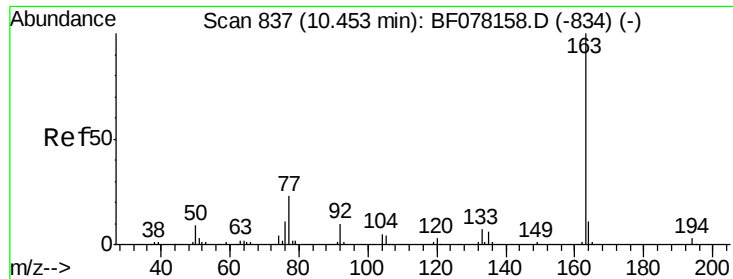
apatel
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#48
Acenaphthylene
Concen: 41.54 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.2	15.2





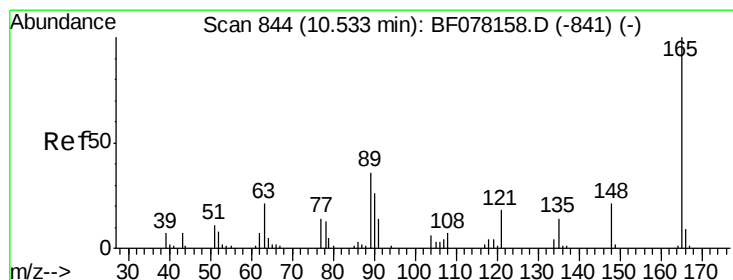
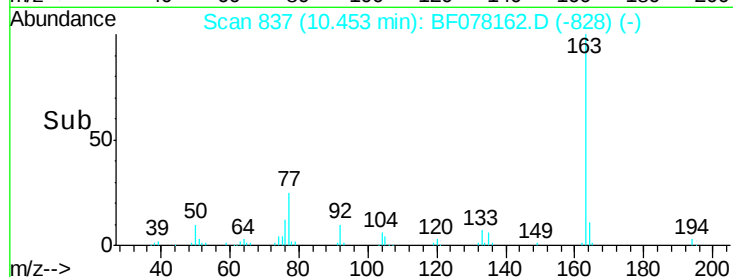
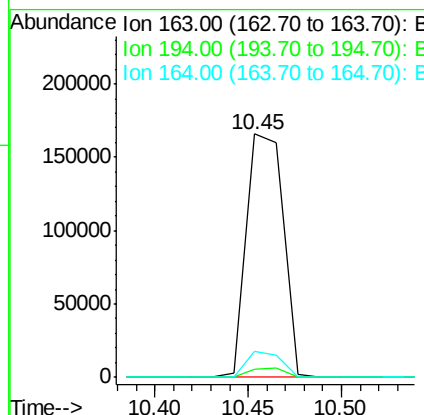
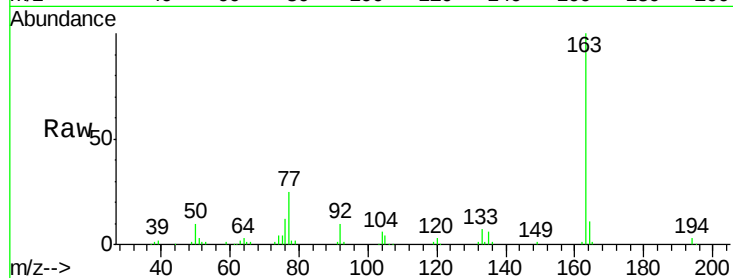
#49
Dimethylphthalate
Concen: 40.30 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
163	100	226600		
194	3.3		2.3	3.5
164	10.7		8.6	13.0

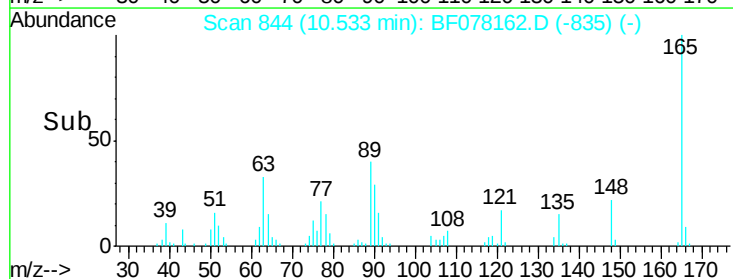
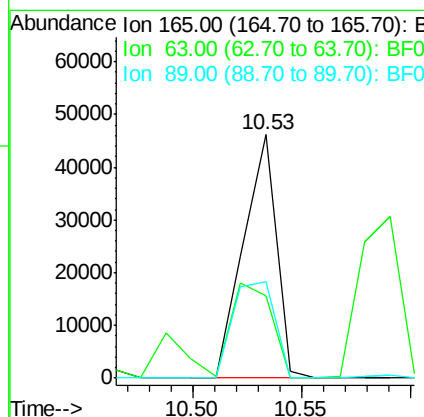
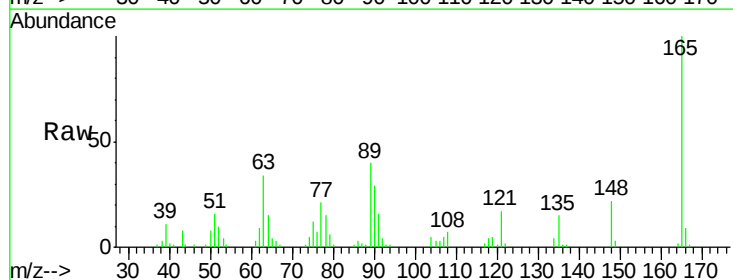
Manual Integrations
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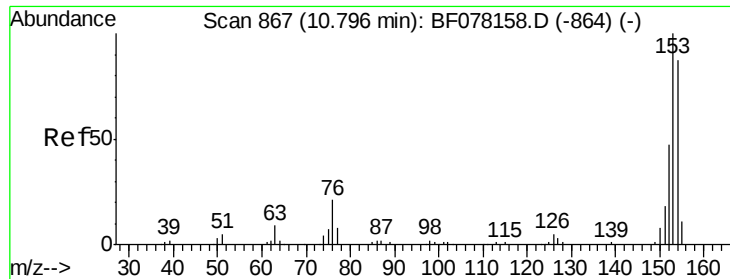
apatel
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#50
2,6-Dinitrotoluene
Concen: 41.85 ng
RT: 10.53 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48416		
63	33.8		24.1	36.1
89	39.6		28.9	43.3





#51

Acenaphthene

Concen: 40.54 ng

RT: 10.80 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

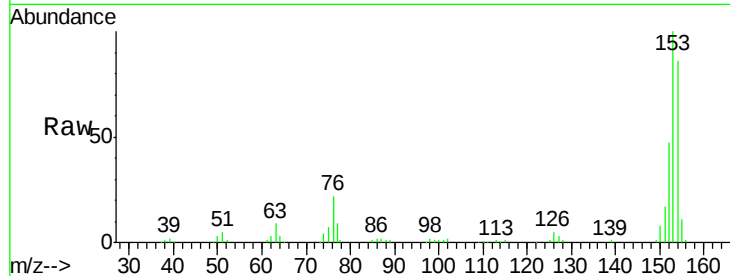
ClientSampleId :

ICVBF040115

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.4	137.2
152	54.4	43.0	64.6

Manual Integrations
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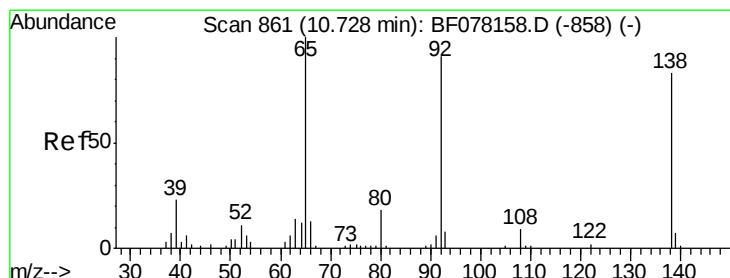
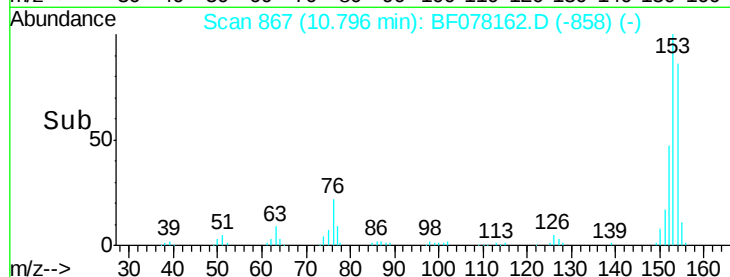
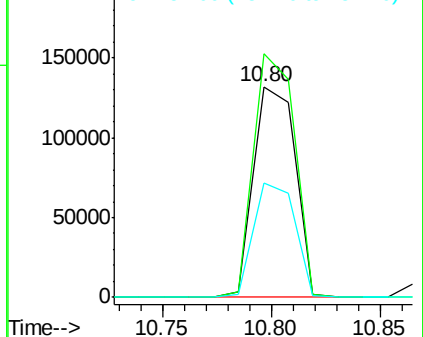


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.62 ng

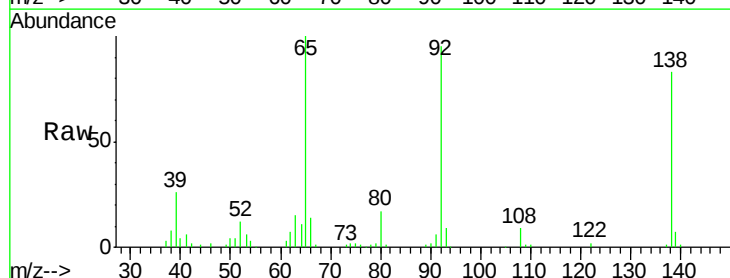
RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	114.1	88.4	132.6

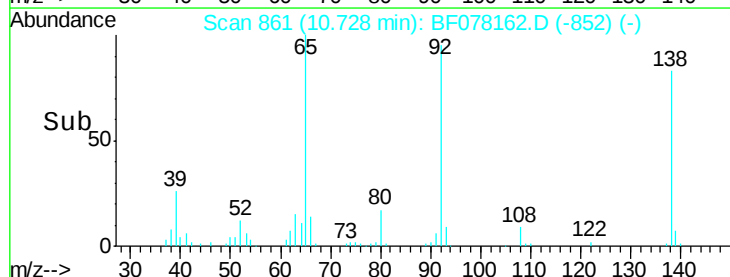
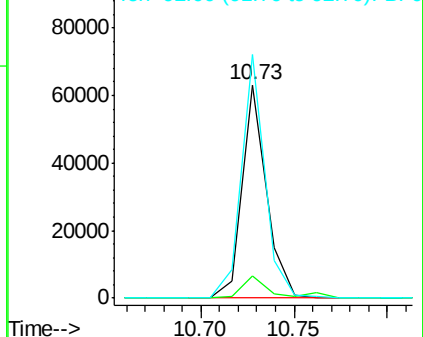


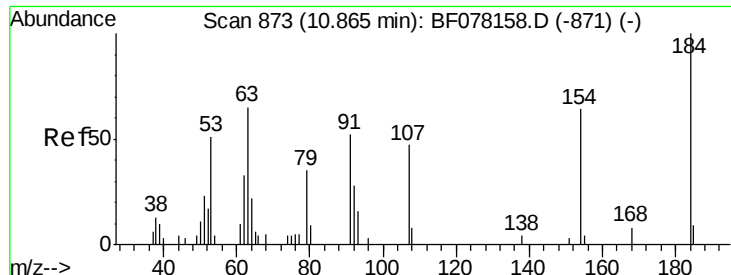
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





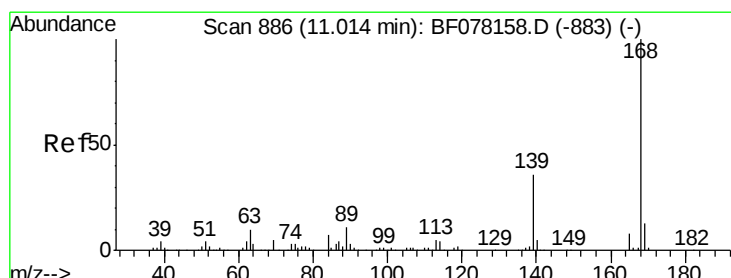
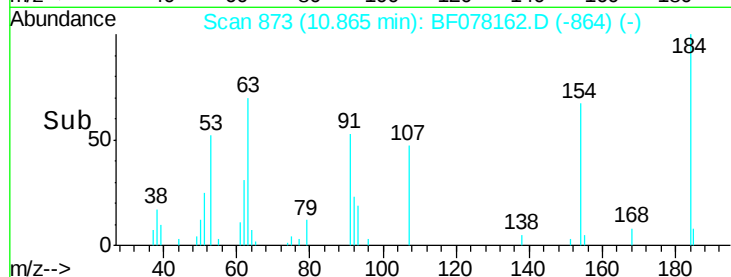
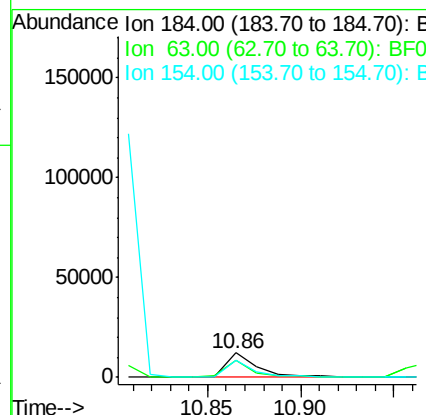
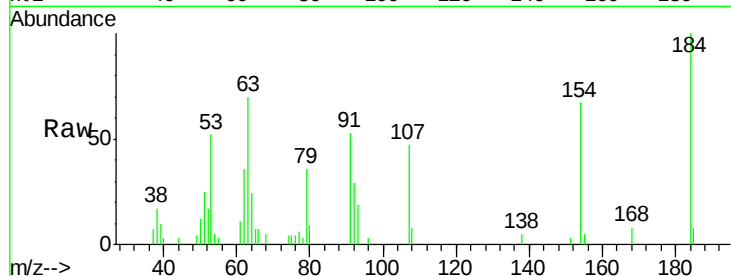
#53
 2,4-Dinitrophenol
 Concen: 43.34 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.9	51.9	77.9
154	66.8	51.0	76.4

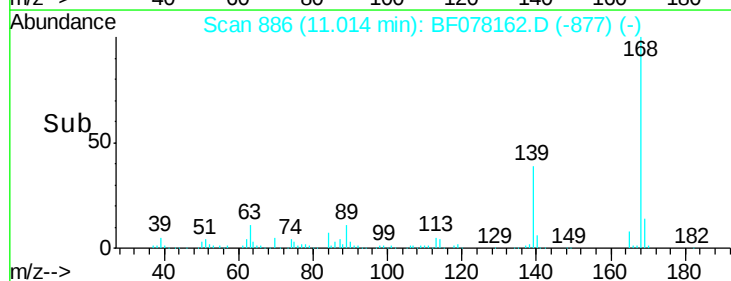
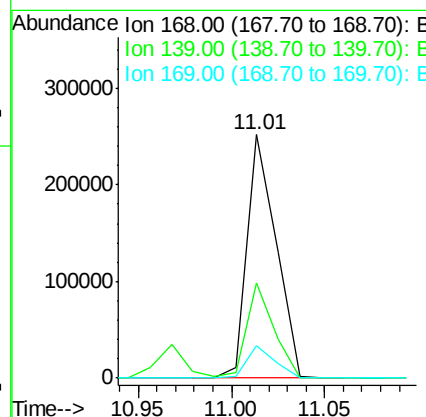
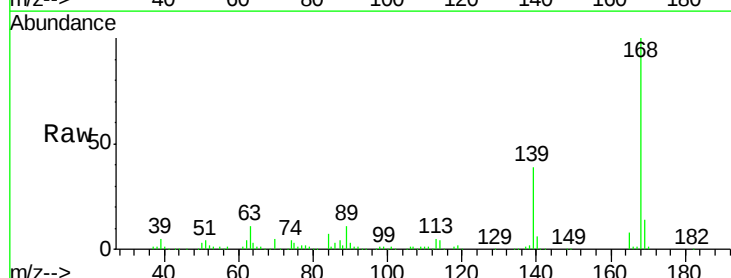
Manual Integrations
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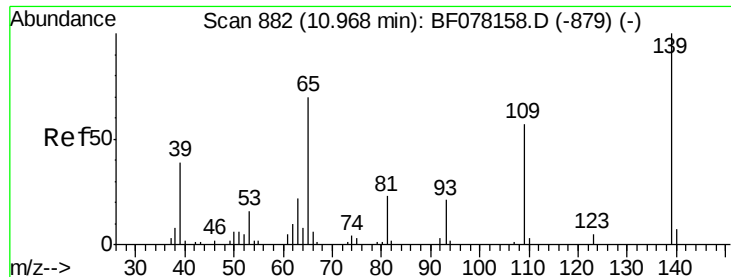
apatel
 4/2/2015 5:50:52 PM



#54
 Dibenzofuran
 Concen: 40.49 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	31.0	46.4
169	13.6	10.7	16.1





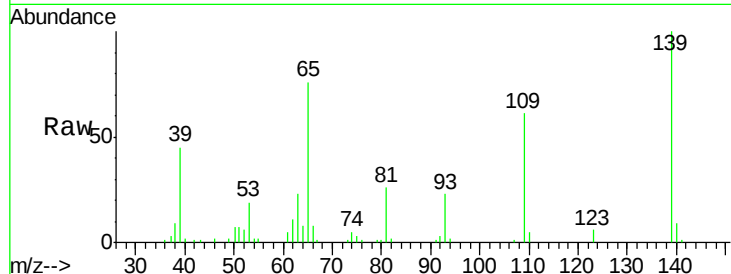
#55
4-Nitrophenol
Concen: 40.79 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

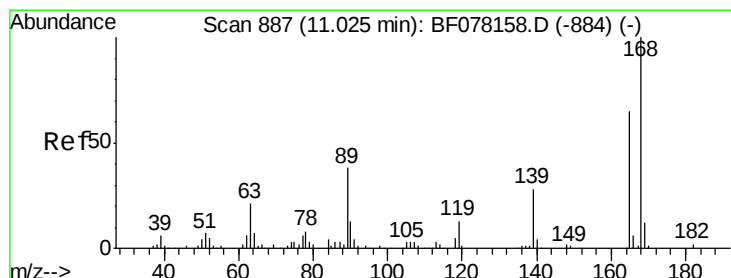
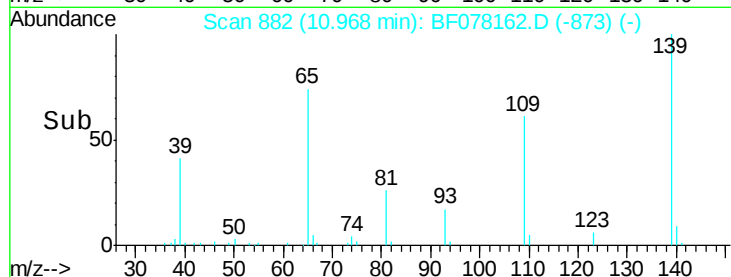
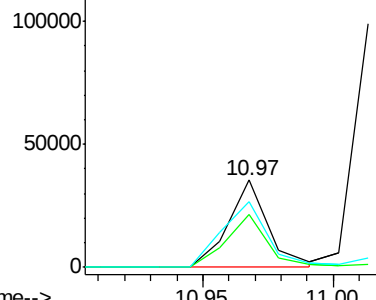
Tot Ion	Ratio	Lower	Upper
139	100		
109	60.6	36.7	76.7
65	76.1	49.9	89.9

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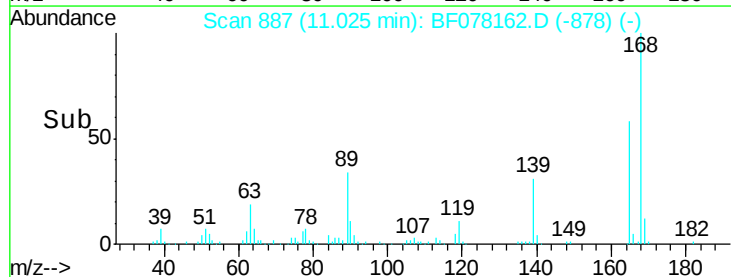
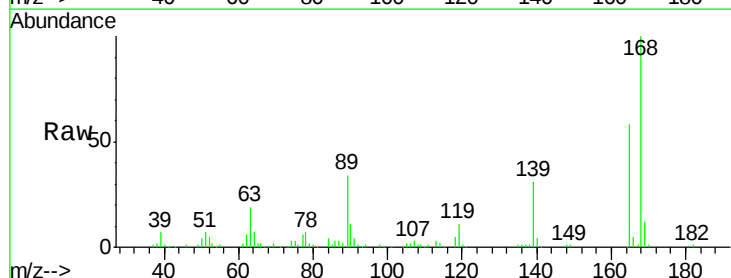
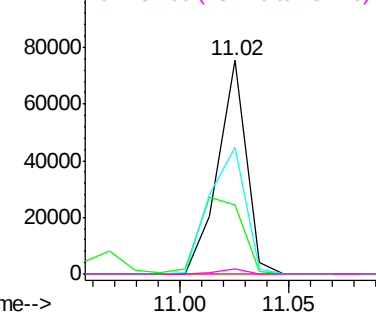
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

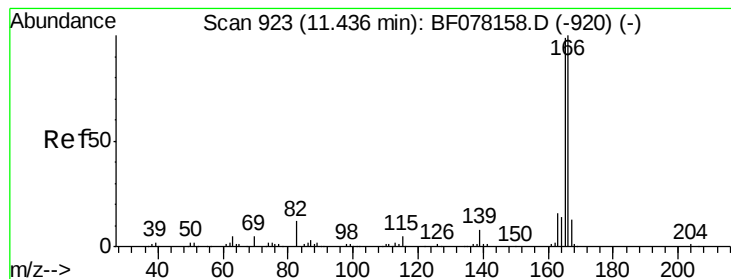


#56
2,4-Dinitrotoluene
Concen: 45.67 ng
RT: 11.02 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.6	26.5	39.7
89	59.5	46.4	69.6
182	2.2	2.0	3.0

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





#57

Fluorene

Concen: 41.18 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

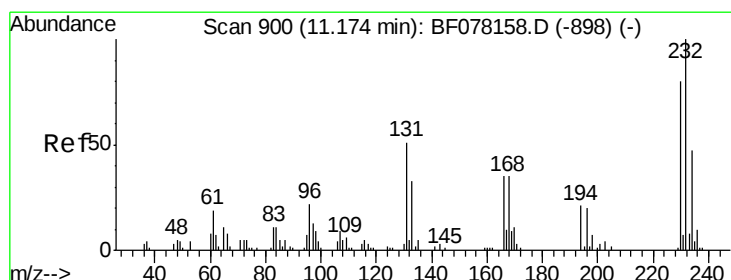
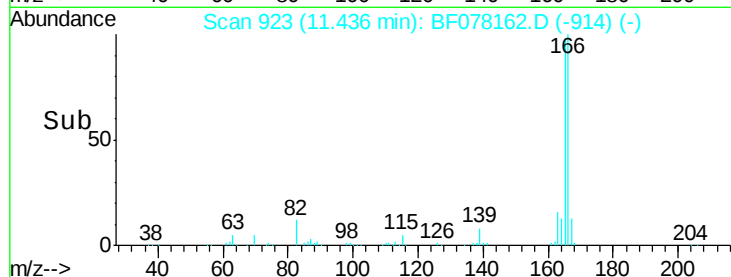
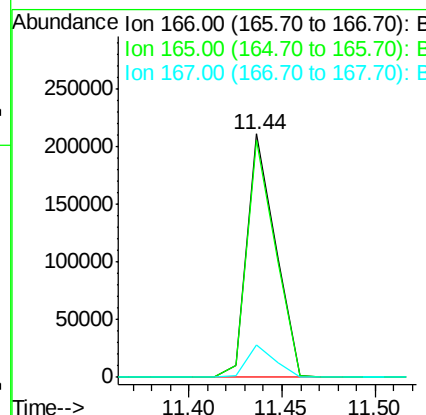
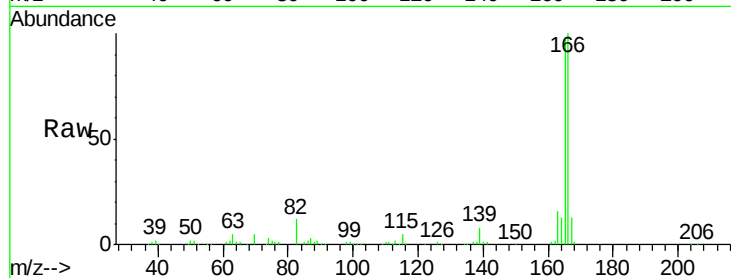
ClientSampleId :

ICVBF040115

Tot Ion:	166	Resp:	223227
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.9	118.3
167	13.5	10.7	16.1

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.51 ng

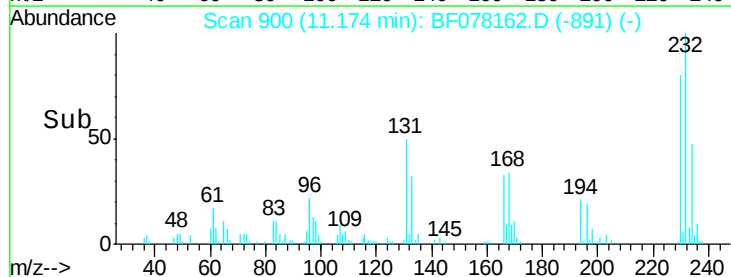
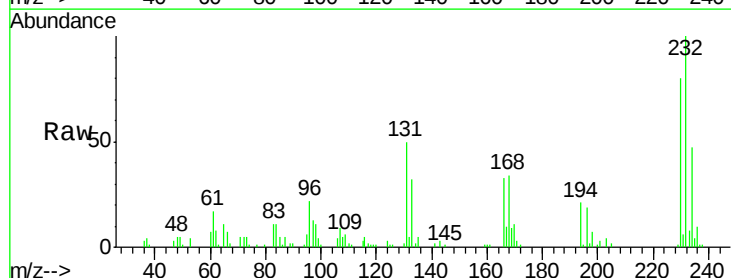
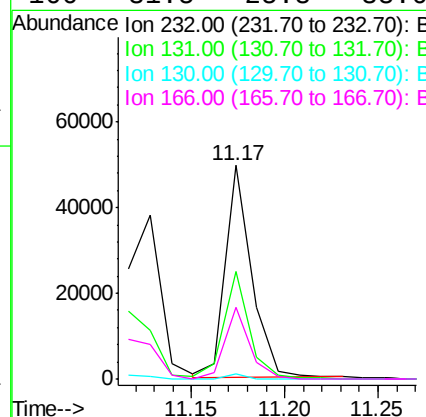
RT: 11.17 min Scan# 900

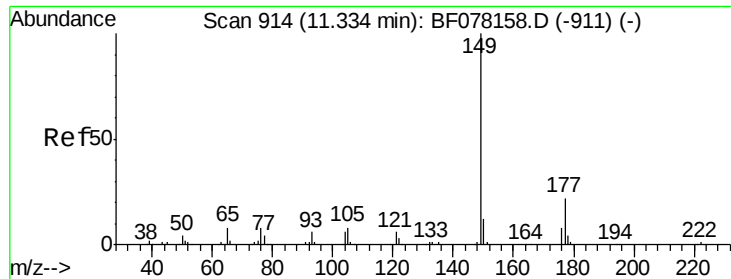
Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	232	Resp:	49286
Ion Ratio	Lower	Upper	
232	100		
131	49.1	37.8	56.8
130	1.6	1.5	2.3
166	31.5	25.8	38.6





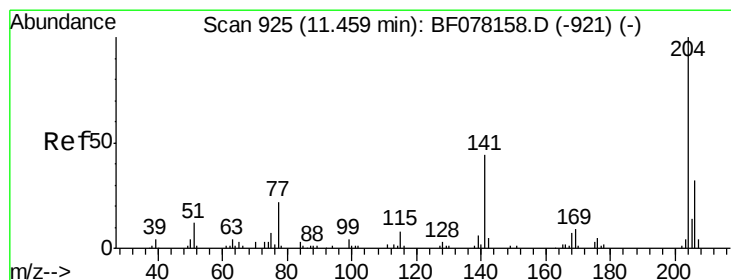
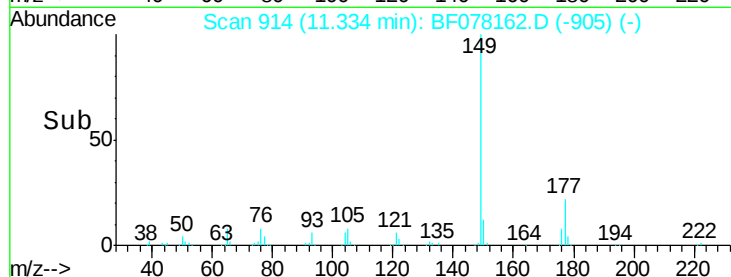
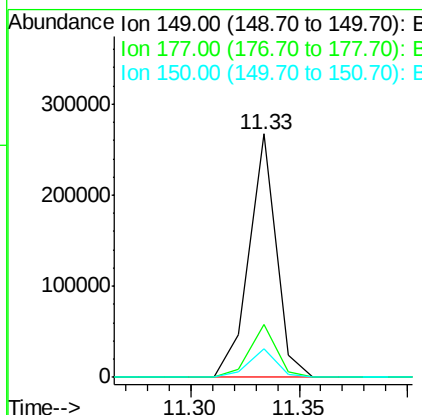
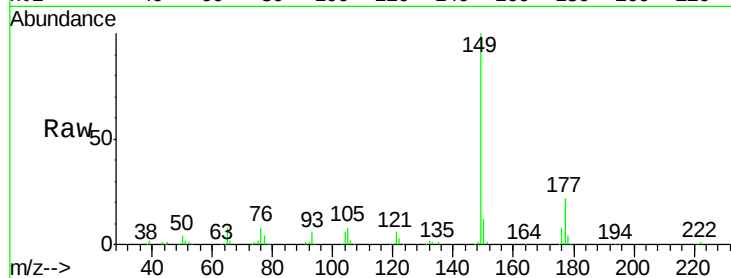
#59
Diethylphthalate
Concen: 42.78 ng
RT: 11.33 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
149	100	231927		
177	21.6		17.4	26.2
150	11.9		9.4	14.2

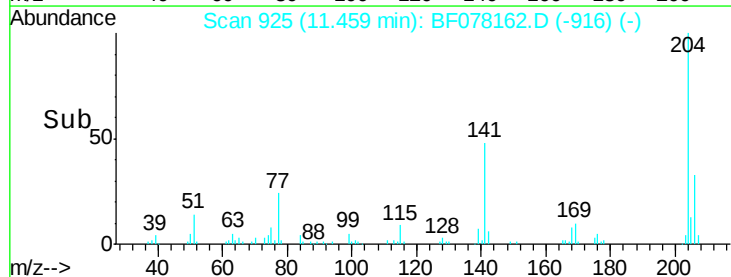
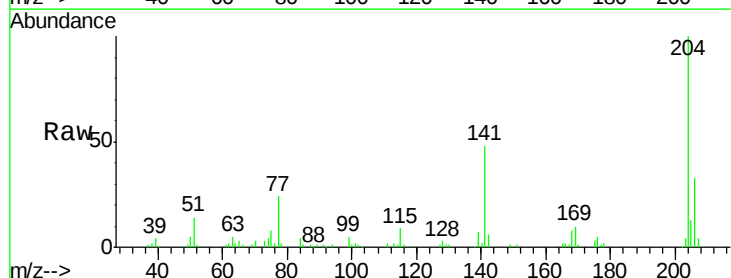
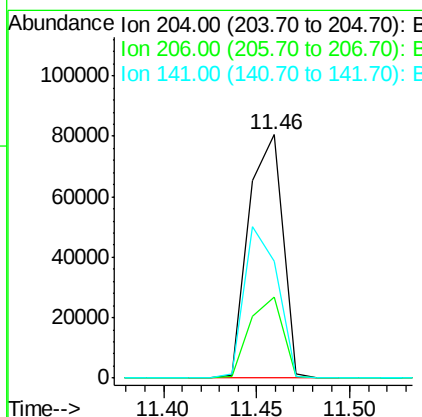
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#60
4-Chlorophenyl-phenylether
Concen: 40.84 ng
RT: 11.46 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	101856		
206	33.1		25.6	38.4
141	47.9		35.4	53.0





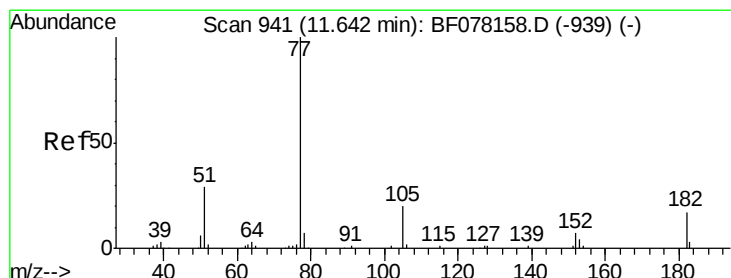
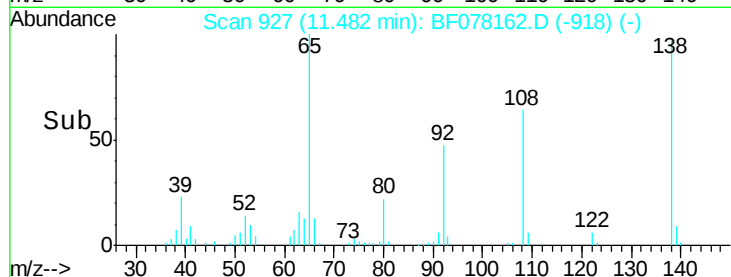
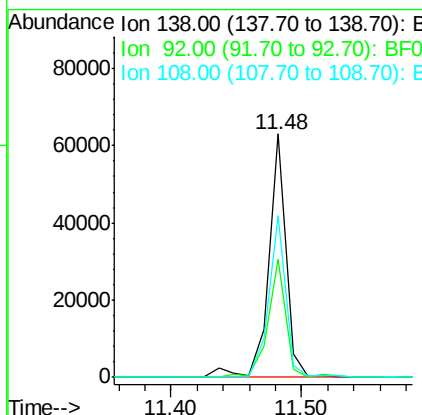
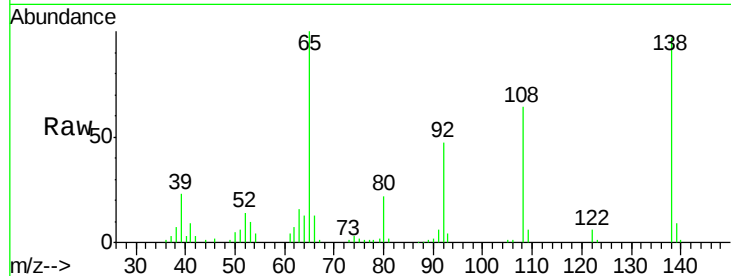
#61
4-Nitroaniline
Concen: 44.44 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	27.3	67.3
108	66.3	47.2	87.2

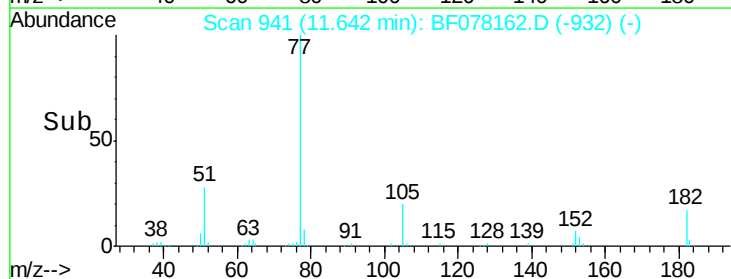
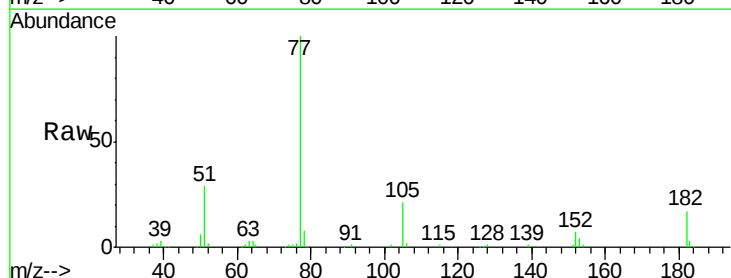
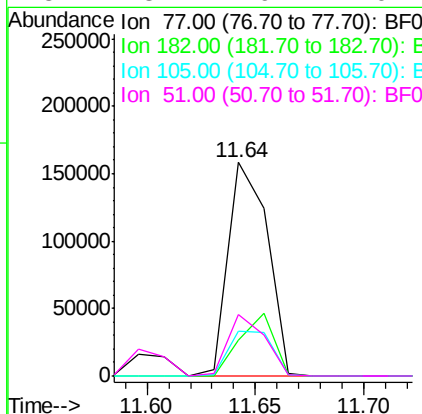
Manual Integrations
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#62
Azobenzene
Concen: 40.19 ng
RT: 11.64 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.8	0.0	36.8
105	20.7	0.3	40.3
51	28.7	9.1	49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

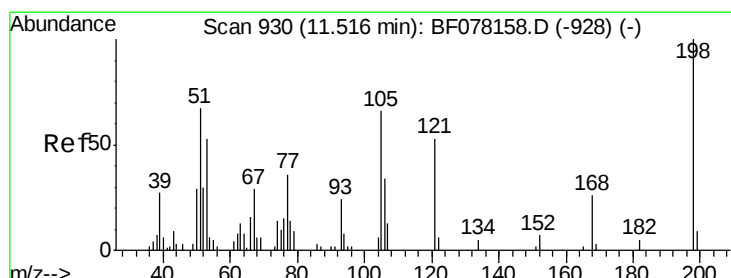
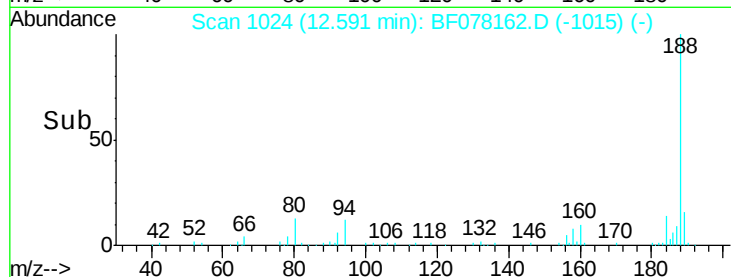
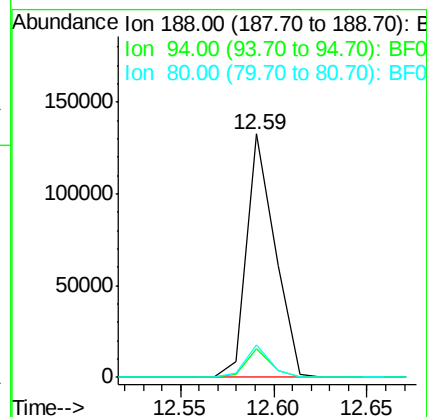
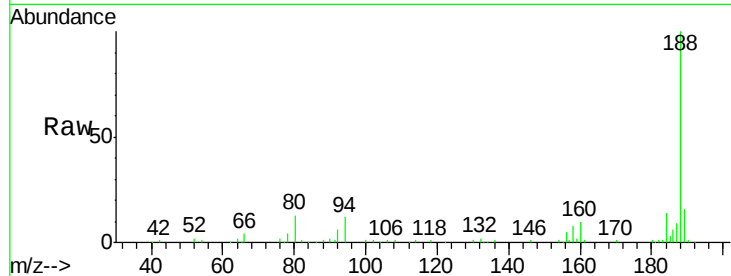
ClientSampleId :

ICVBF040115

Tot Ion:	188	Resp:	139642
Ion Ratio	Lower	Upper	
188	100		
94	11.9	9.0	13.4
80	13.2	9.5	14.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.96 ng

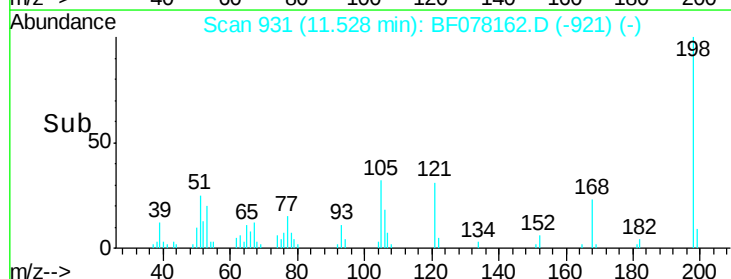
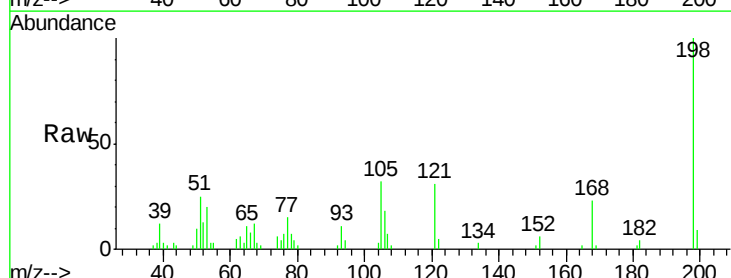
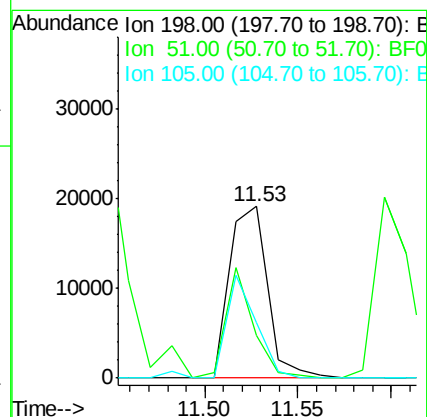
RT: 11.53 min Scan# 931

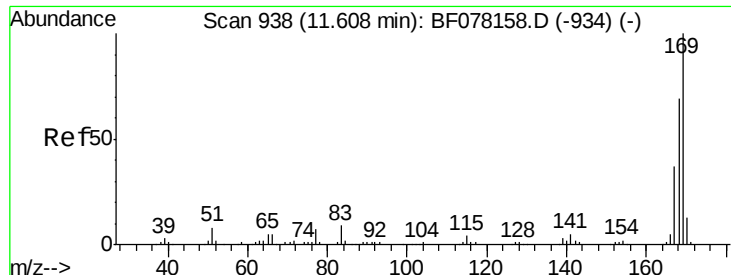
Delta R.T. 0.01 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	198	Resp:	27337
Ion Ratio	Lower	Upper	
198	100		
51	24.8	48.6	88.6#
105	32.4	45.8	85.8#





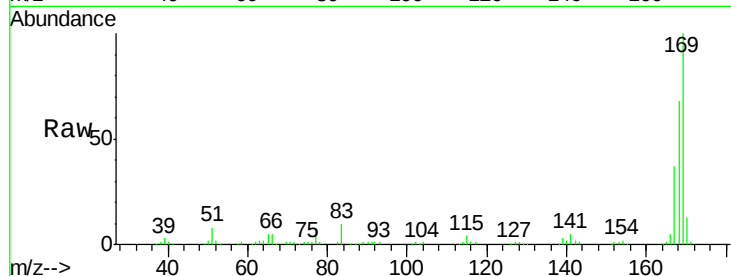
#65
n-Nitrosodiphenylamine
Concen: 41.35 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

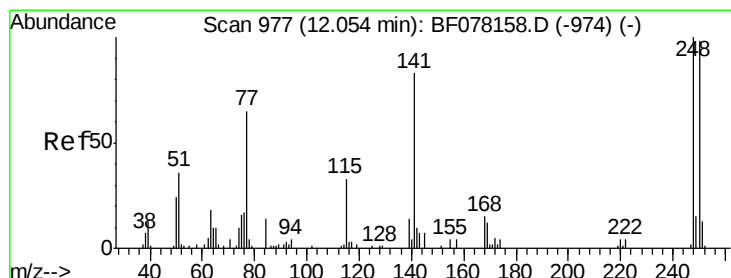
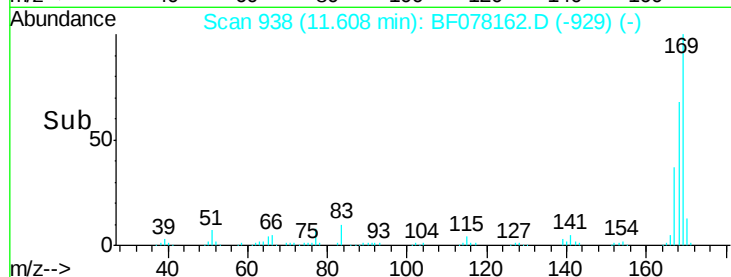
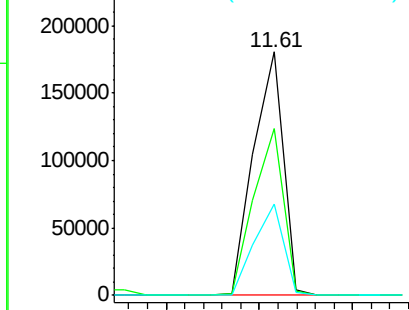
Tot Ion	Ratio	Resp	Lower	Upper
169	100	199752		
168	68.5	55.0	82.4	
167	37.4	29.3	43.9	

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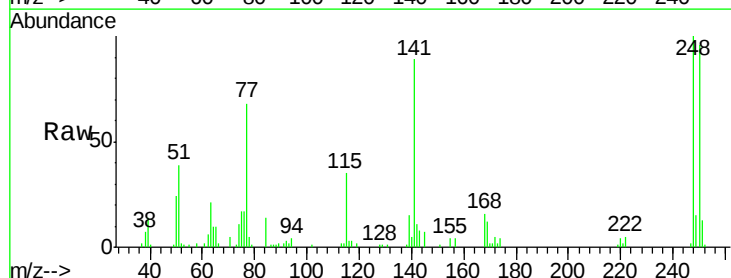


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

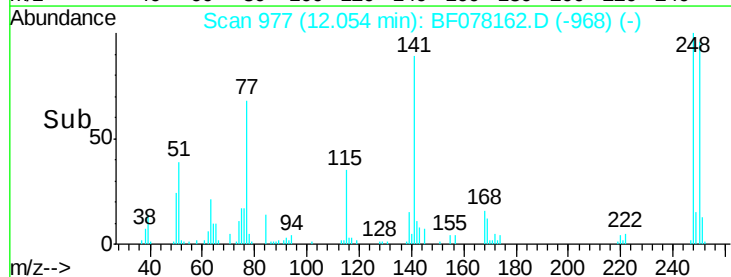
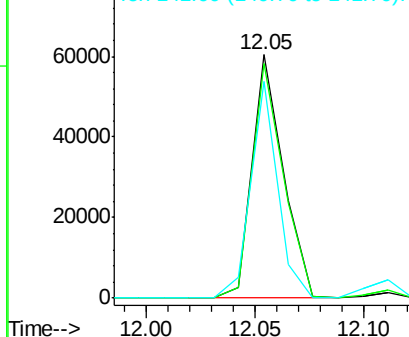


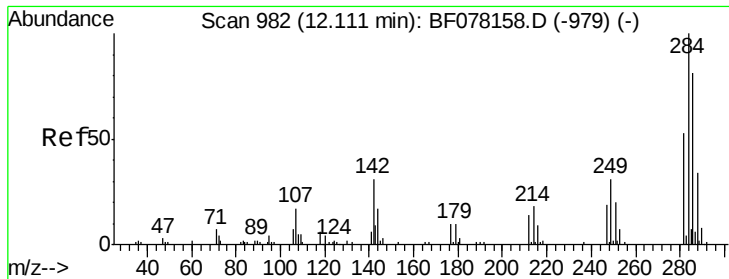
#66
4-Bromophenyl-phenylether
Concen: 40.59 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	60023		
250	96.2	78.2	117.2	
141	89.1	66.4	99.6	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





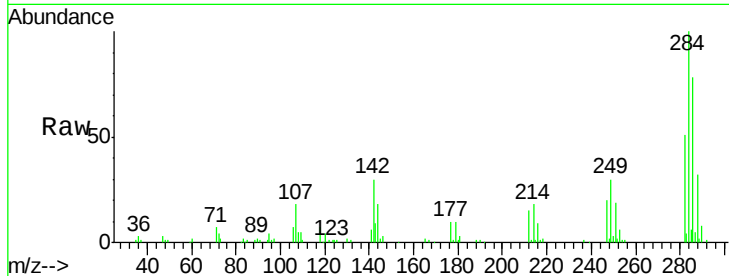
#67
Hexachlorobenzene
Concen: 41.30 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

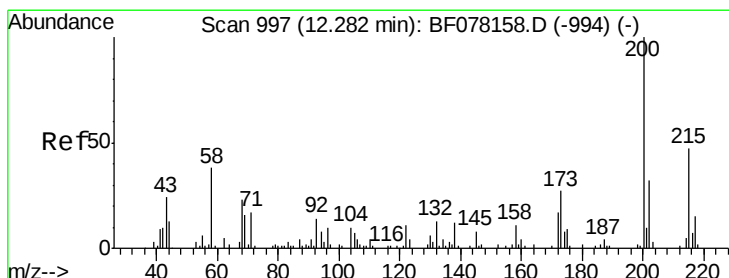
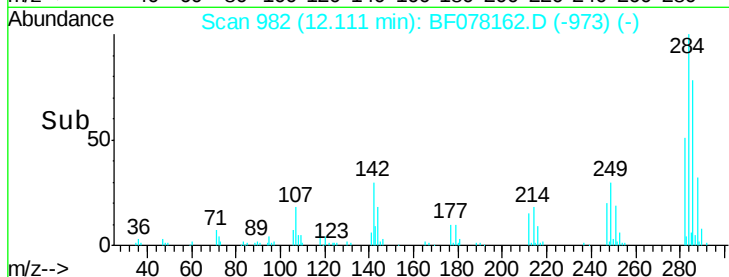
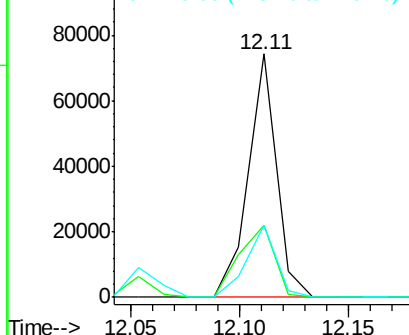
Tot Ion	Ratio	Resp	Lower	Upper
284	100	66922		
142	29.8		24.5	36.7
249	29.7		24.8	37.2

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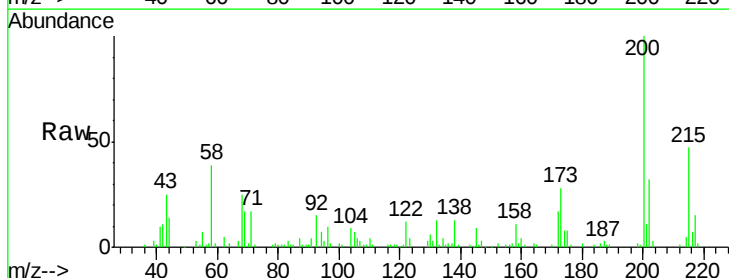


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

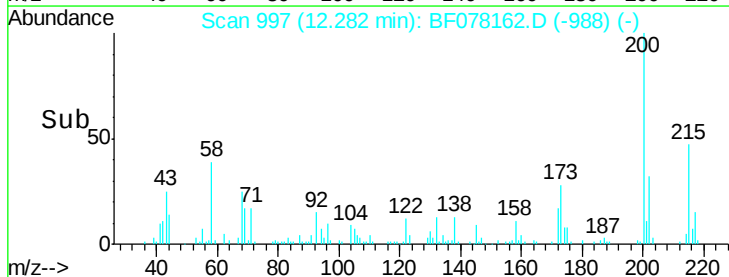
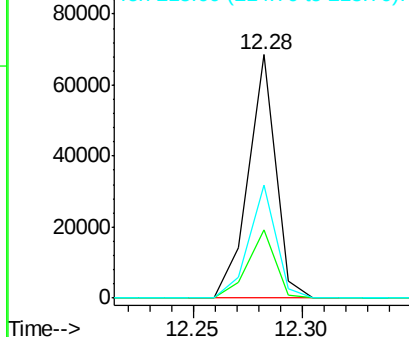


#68
Atrazine
Concen: 43.06 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	60242		
173	28.2		6.9	46.9
215	46.6		27.1	67.1



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





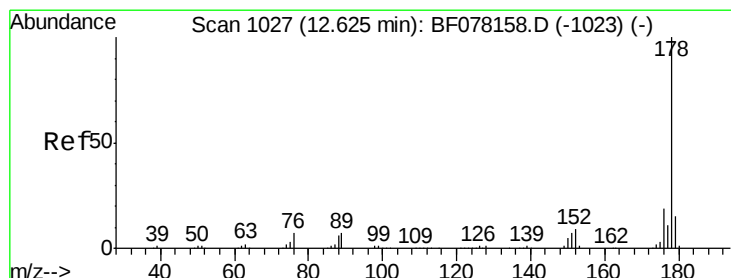
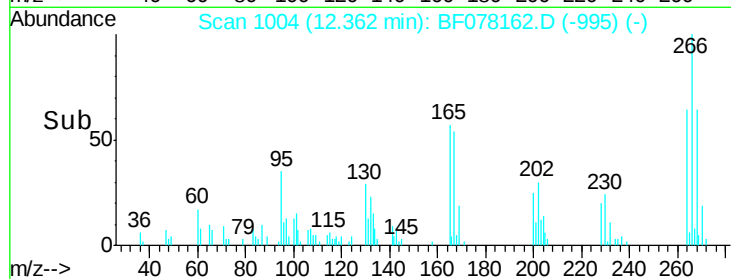
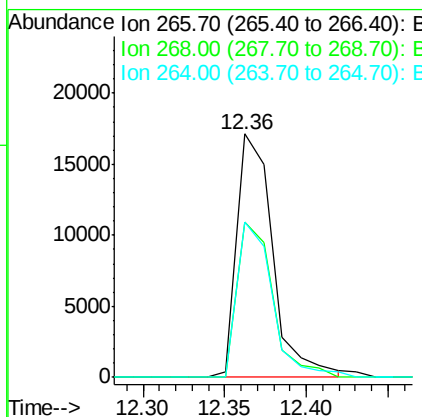
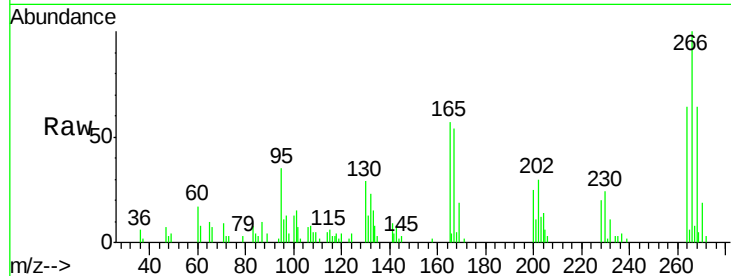
#69
 Pentachlorophenol
 Concen: 40.48 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.1	75.1
264	64.0	50.0	75.0

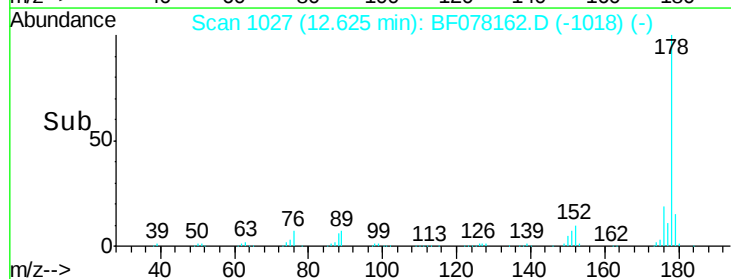
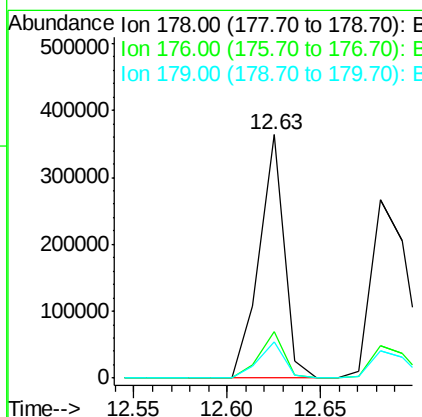
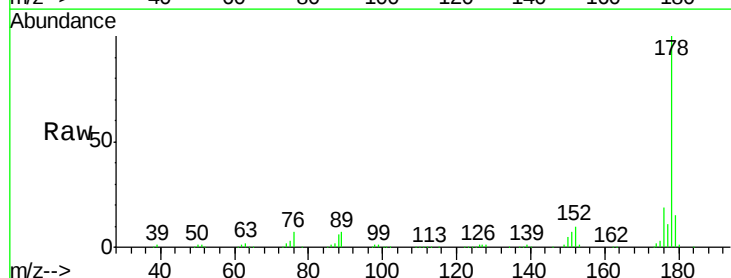
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#70
 Phenanthrene
 Concen: 42.32 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.0	12.2	18.2





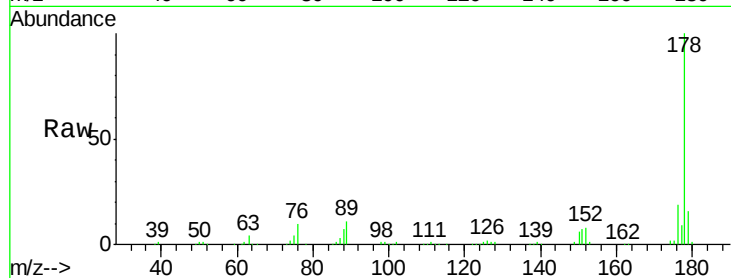
#71
 Anthracene
 Concen: 42.18 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

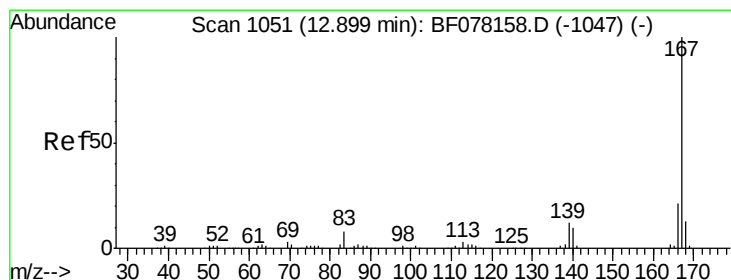
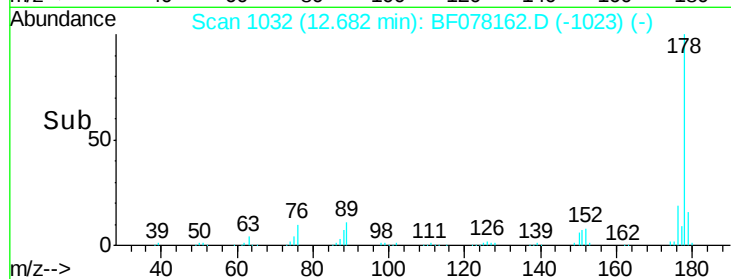
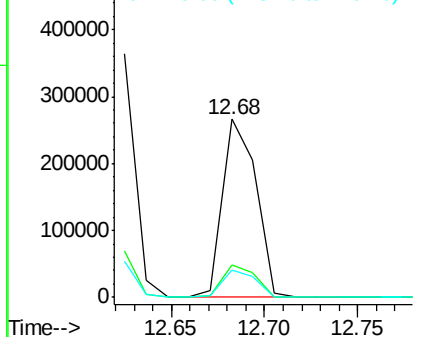
Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		335770		
176	18.6	14.8	22.2		
179	15.5	12.4	18.6		

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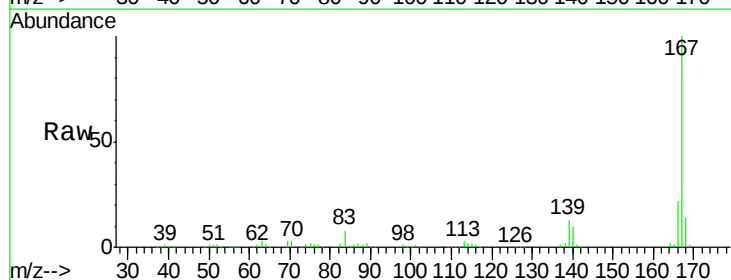


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

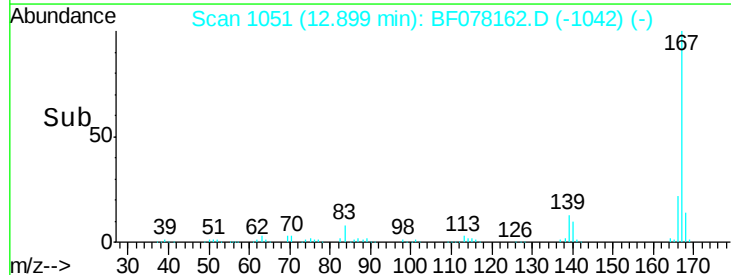
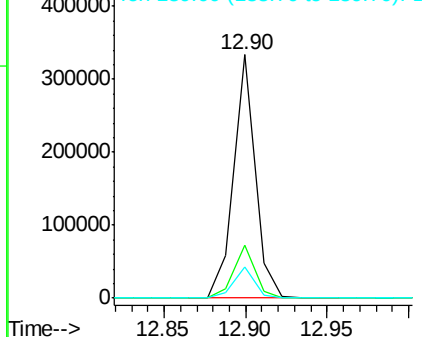


#72
 Carbazole
 Concen: 40.90 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		305058		
166	21.6	16.8	25.2		
139	12.8	10.0	15.0		



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.77 ng

RT: 13.36 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

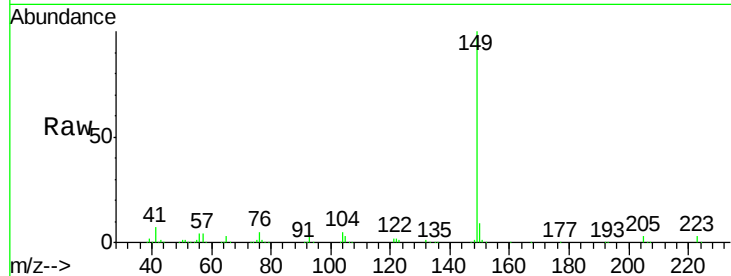
ClientSampleId :

ICVBF040115

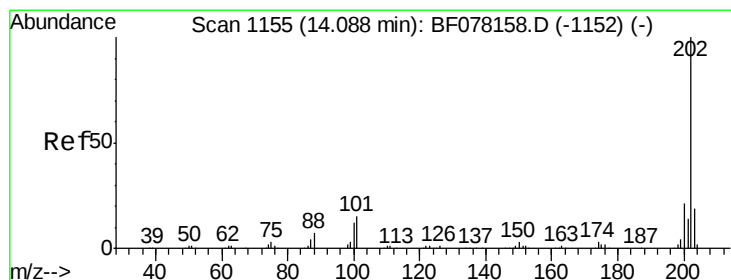
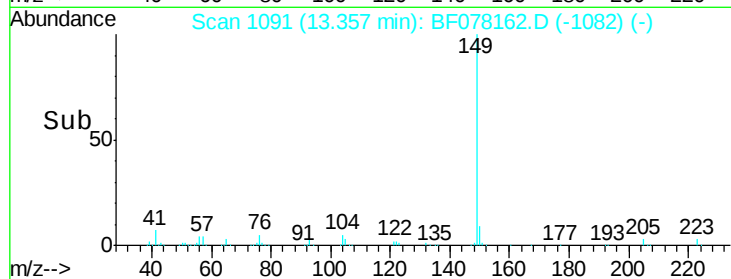
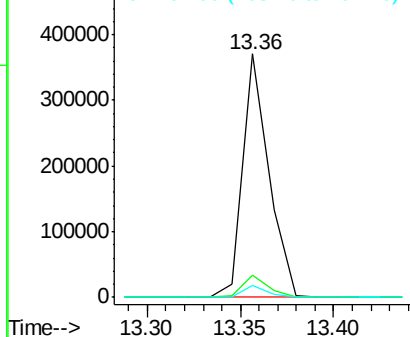
Tot Ion:	149	Resp:	361403
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.8	3.8	5.6

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



#74

Fluoranthene

Concen: 41.80 ng

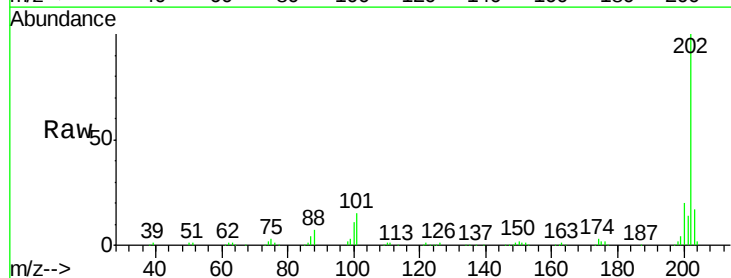
RT: 14.09 min Scan# 1155

Delta R.T. 0.00 min

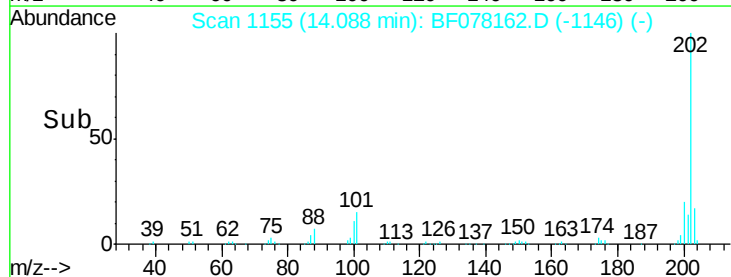
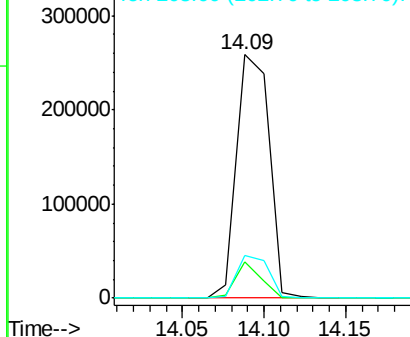
Lab File: BF078162.D

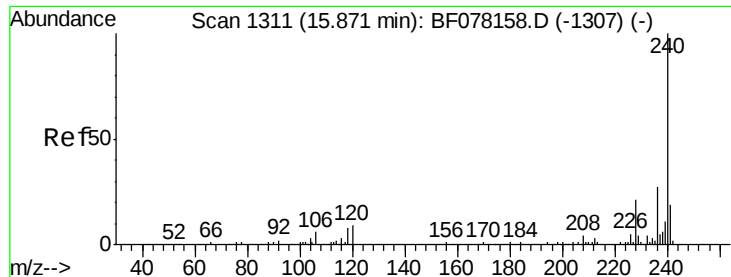
Acq: 1 Apr 2015 20:02

Tgt Ion:	202	Resp:	356085
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	35.2
203	17.3	0.0	38.5



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.87 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

ClientSampleId :

ICVBF040115

Tot Ion:240 Resp: 148137

Ion Ratio Lower Upper

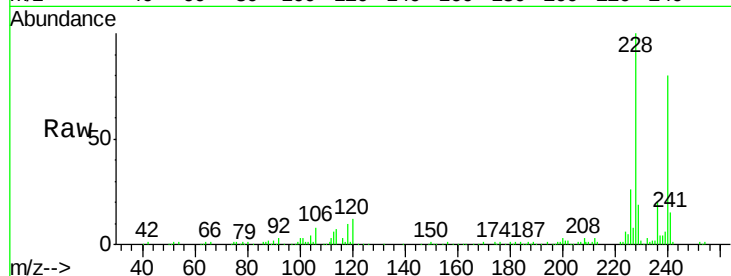
240 100

120 14.4 7.1 10.7#

236 25.1 21.4 32.2

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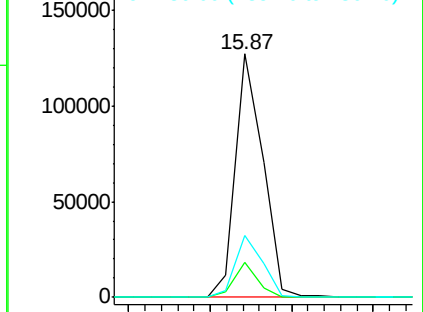
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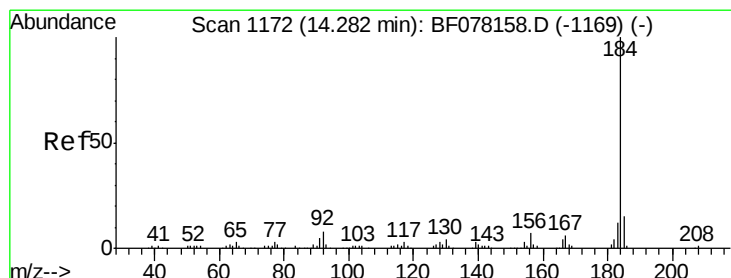
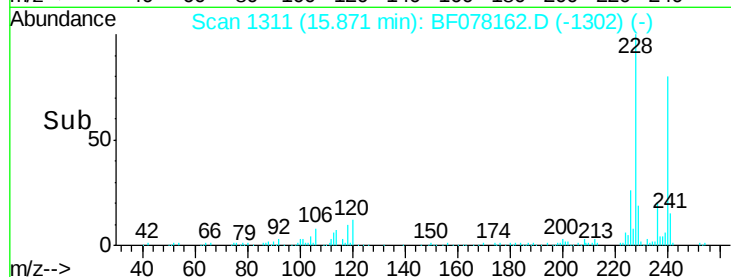
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 15.80 15.85 15.90 15.95



#76

Benzidine

Concen: 39.35 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

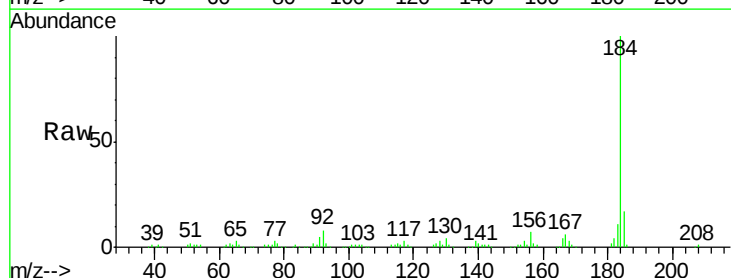
Tgt Ion:184 Resp: 224451

Ion Ratio Lower Upper

184 100

185 16.8 12.2 18.2

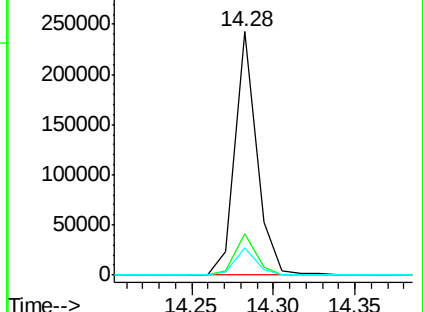
183 11.3 9.5 14.3



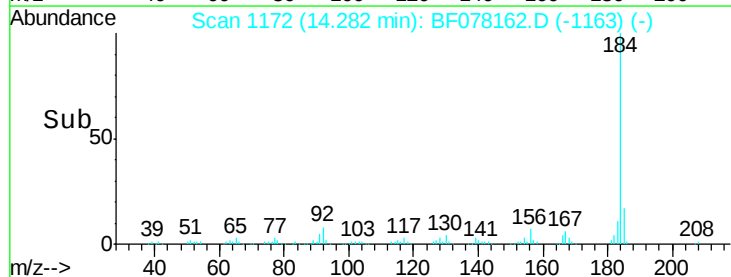
Abundance Ion 184.00 (183.70 to 184.70): E

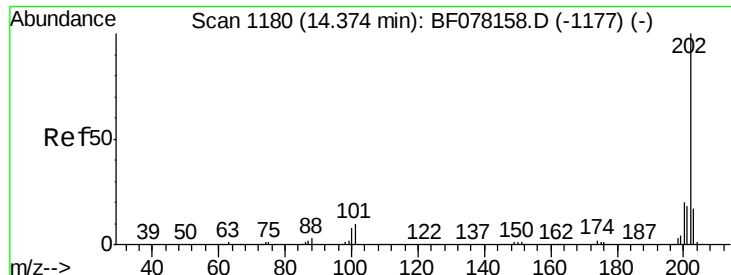
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 14.25 14.30 14.35





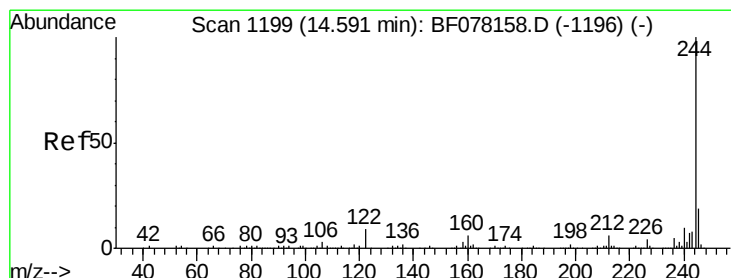
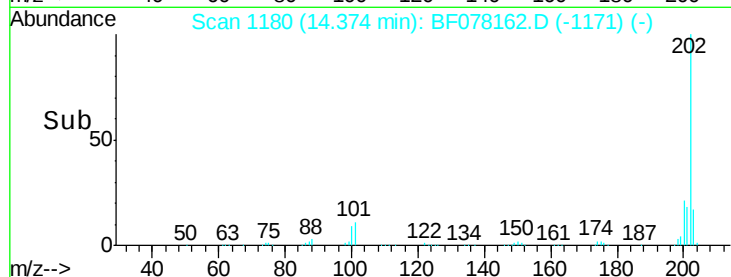
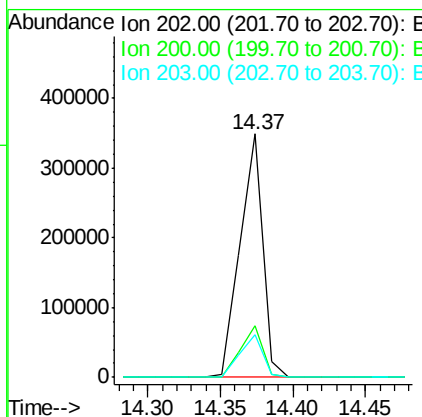
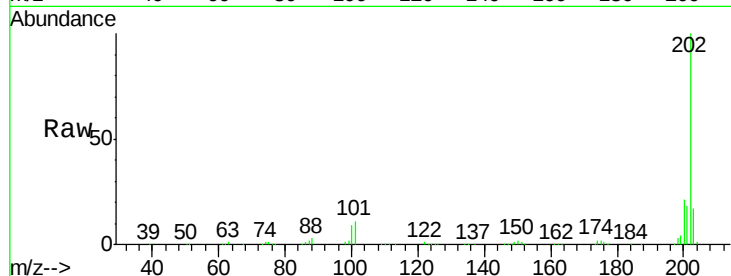
#77
Pvrene
Concen: 40.82 ng
RT: 14.37 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
202	100	379603		
200	21.0		16.3	24.5
203	17.4		13.8	20.6

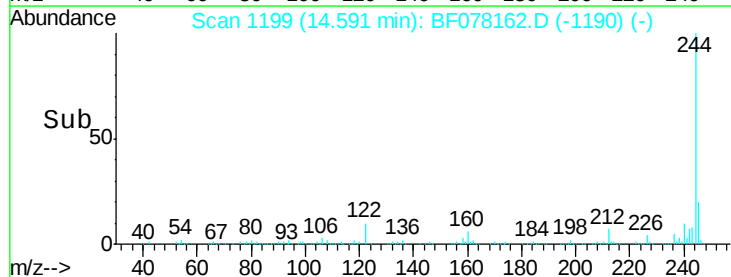
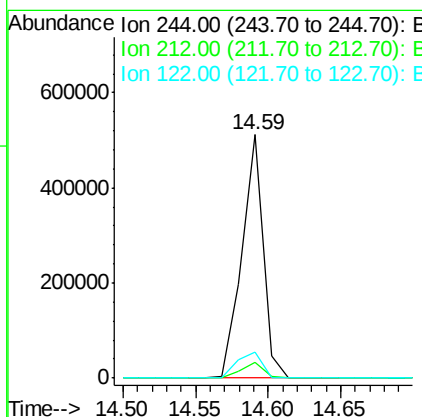
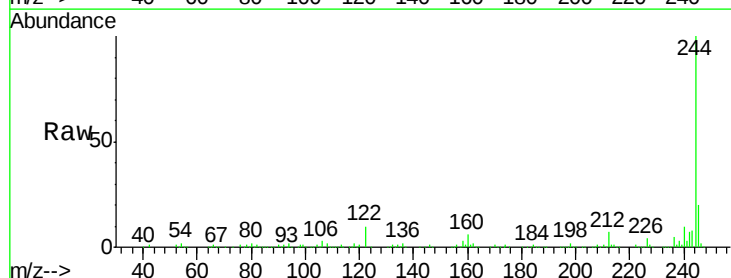
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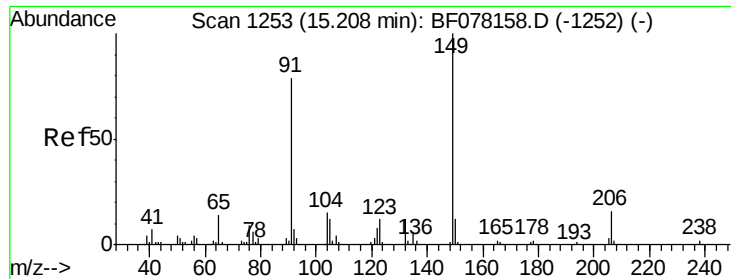
apatel
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#78
Terphenyl-d14
Concen: 79.62 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	521967		
212	6.5		5.0	7.4
122	10.5		7.1	10.7





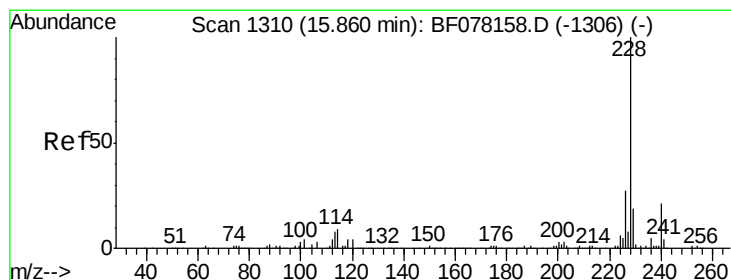
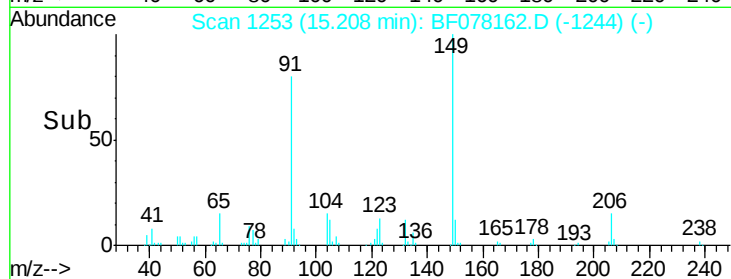
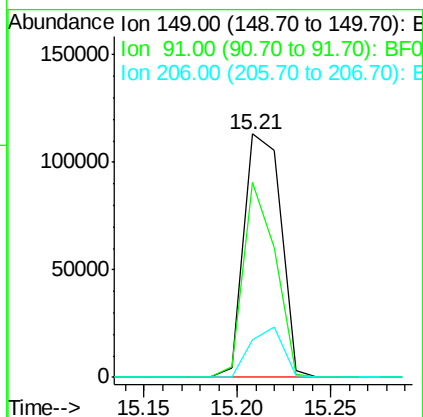
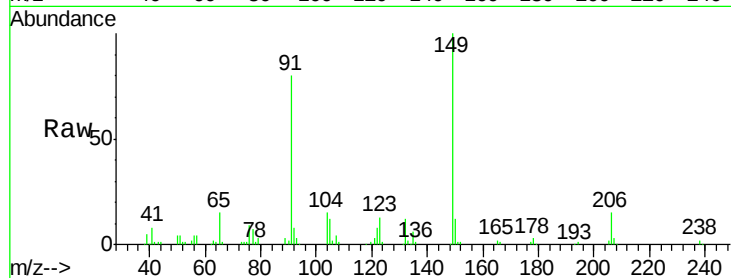
#79
Butylbenzylphthalate
Concen: 43.87 ng
RT: 15.21 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
149	100	155488		
91	79.9	64.2	96.2	
206	15.3	12.6	18.8	

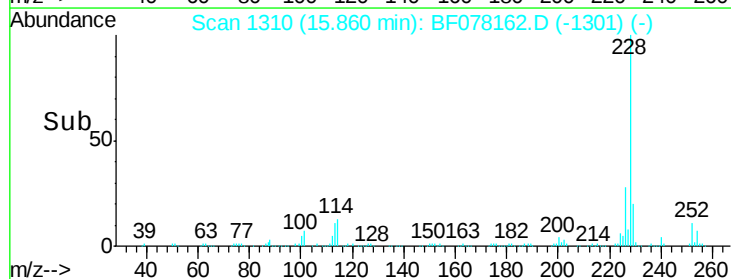
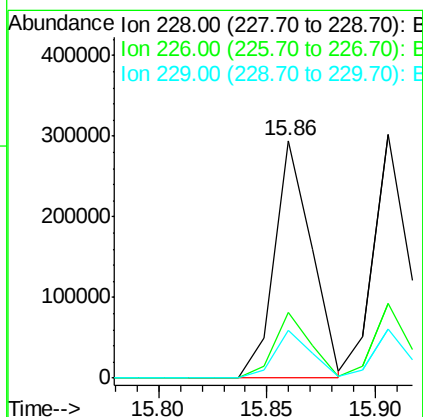
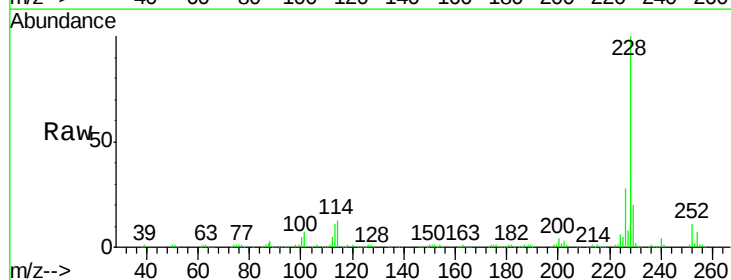
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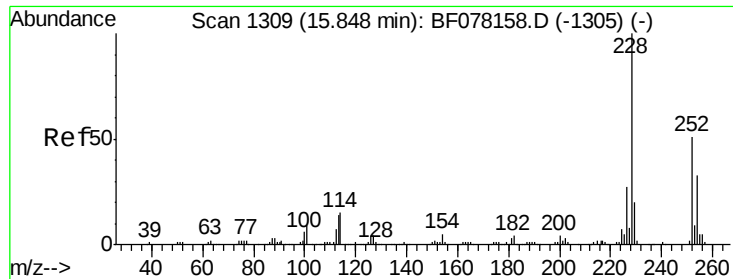
apatel
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#80
Benzo(a)anthracene
Concen: 39.91 ng
RT: 15.86 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	351726		
226	27.8	21.3	31.9	
229	19.9	15.4	23.2	





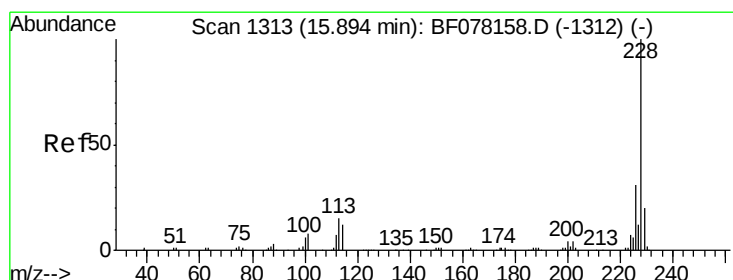
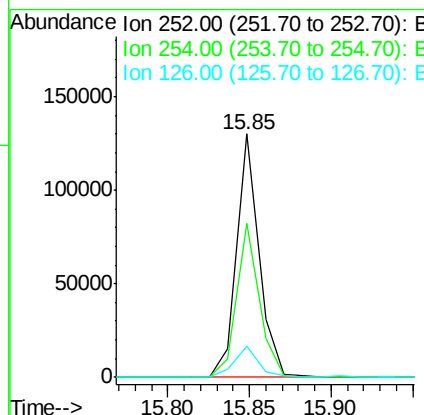
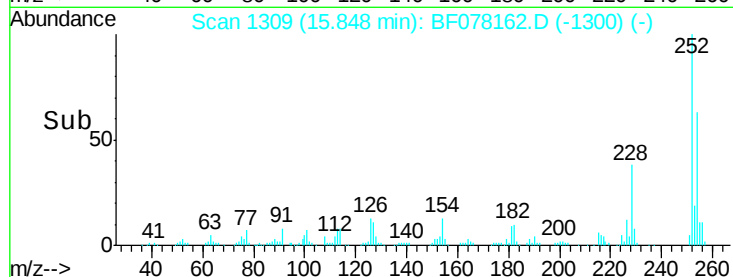
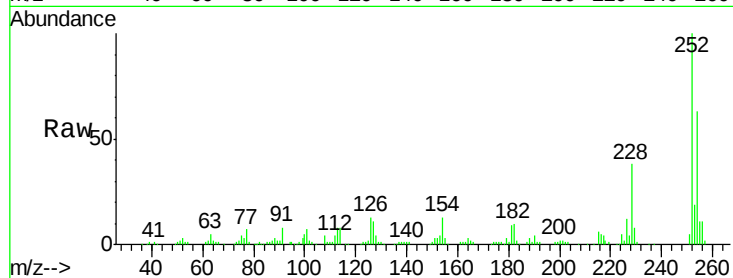
#81
 3,3'-Dichlorobenzidine
 Concen: 41.70 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.1	51.2	76.8	
126	12.7	6.3	9.5	

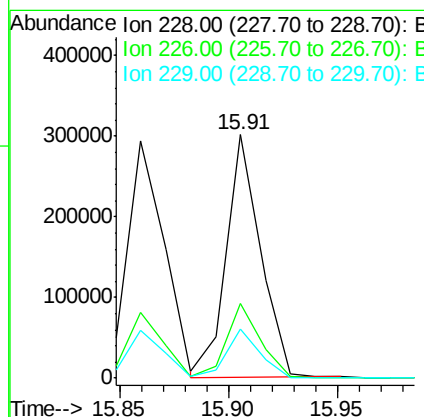
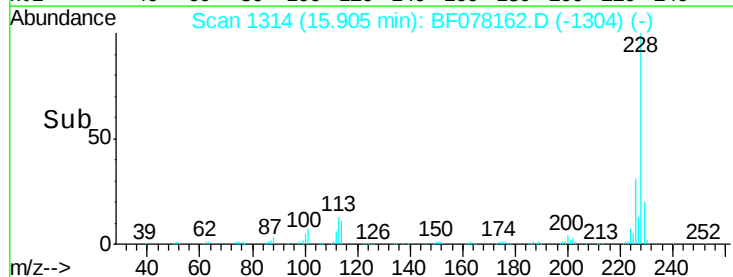
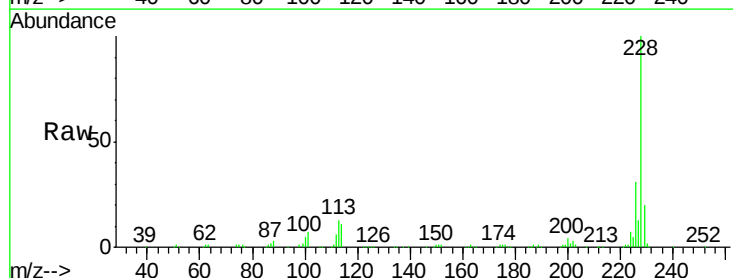
Manual Integrations
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#82
 Chrysene
 Concen: 39.62 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.8	24.2	36.4	
229	19.9	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.20 ng

RT: 15.94 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

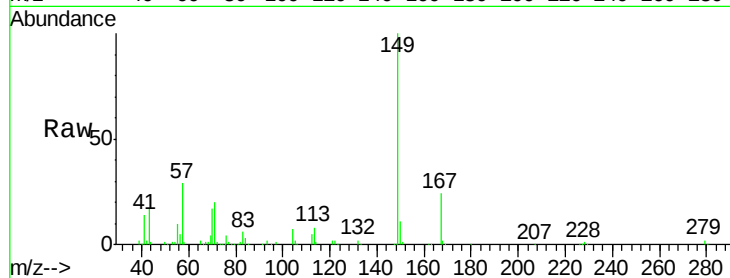
ClientSampleId :

ICVBF040115

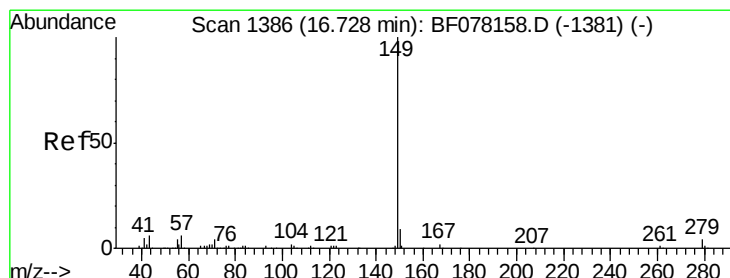
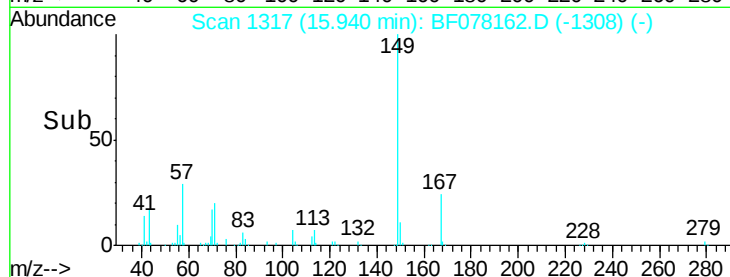
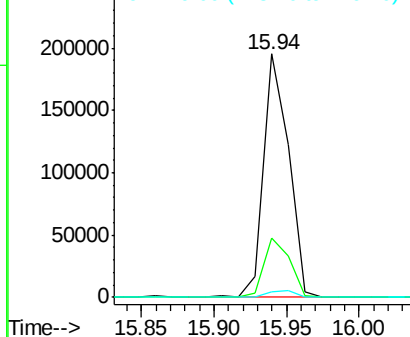
Tot Ion:	149	Resp:	234605
Ion Ratio	Lower	Upper	
149	100		
167	24.4	22.2	33.2
279	2.3	3.2	4.8#

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



#84

Di-n-octyl phthalate

Concen: 41.81 ng

RT: 16.75 min Scan# 1388

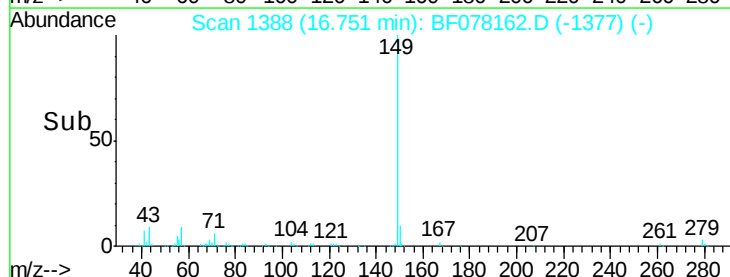
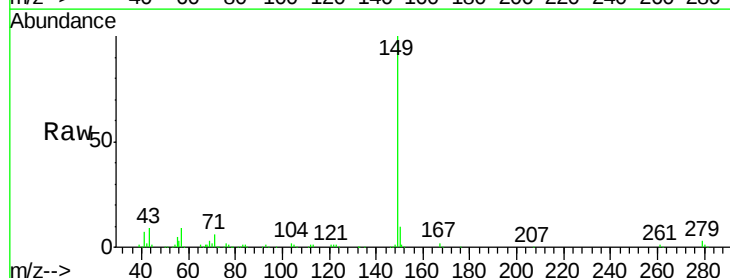
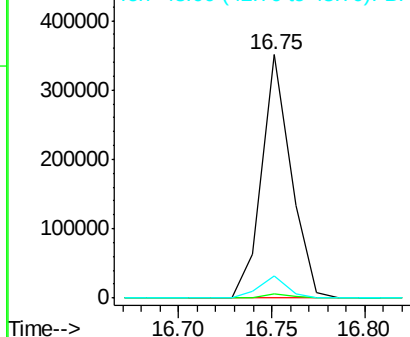
Delta R.T. 0.02 min

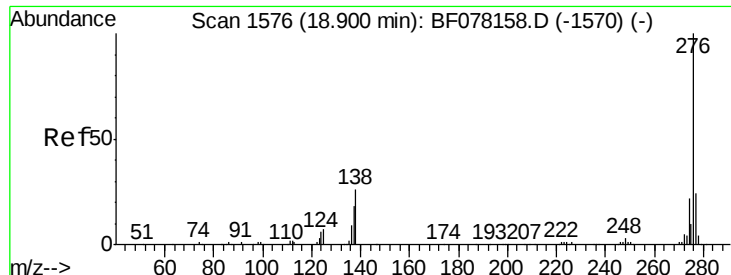
Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	149	Resp:	381630
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.1	0.0	0.0#

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





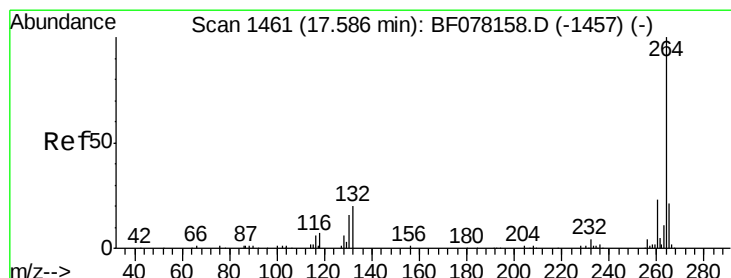
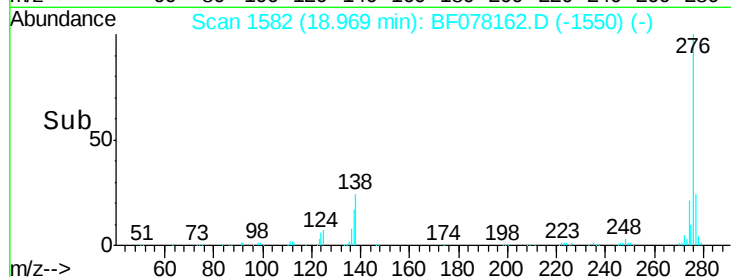
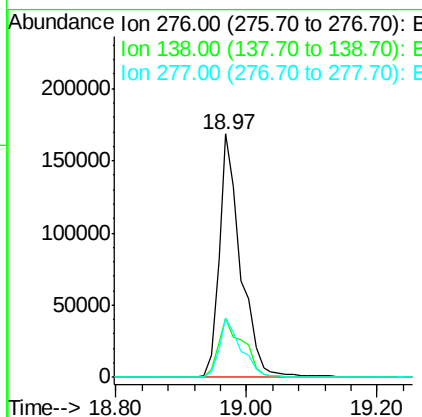
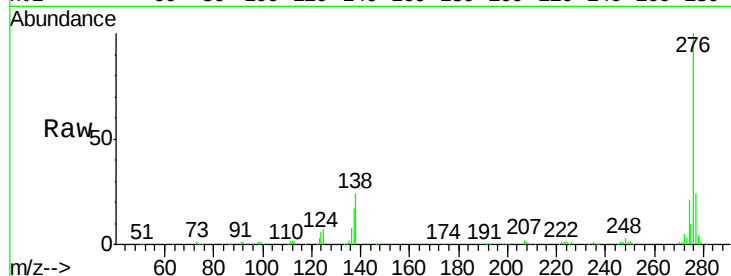
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.19 ng
RT: 18.97 min Scan# 1582
Delta R.T. 0.07 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Resp	Lower	Upper
276	100	387002		
138	28.8	16.9	25.3	
277	25.0	15.8	23.6	

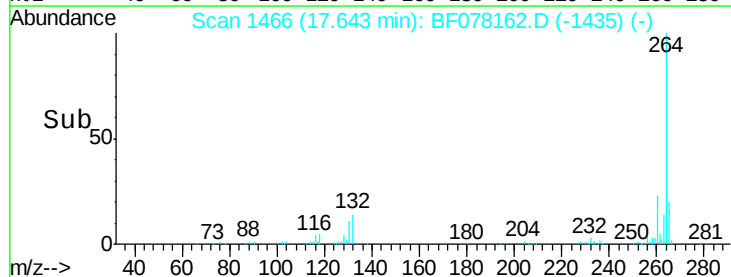
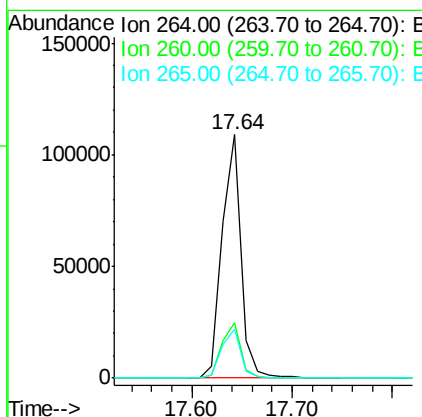
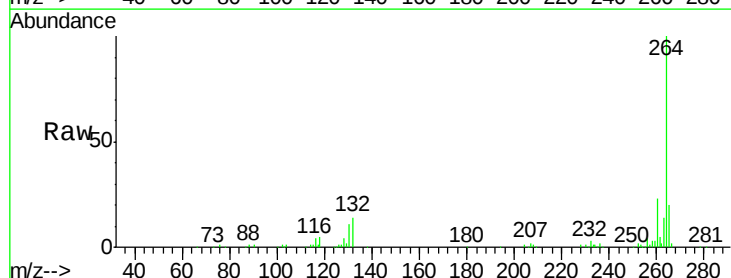
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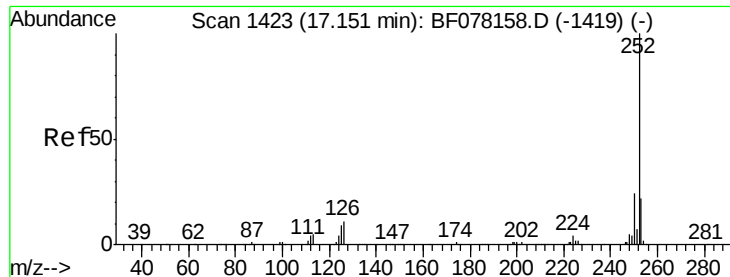
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.64 min Scan# 1466
Delta R.T. 0.06 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	142368		
260	22.8	18.6	27.8	
265	20.2	17.0	25.6	





#87

Benzo(b)fluoranthene

Concen: 36.93 ng

RT: 17.19 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Instrument :

BNA_F

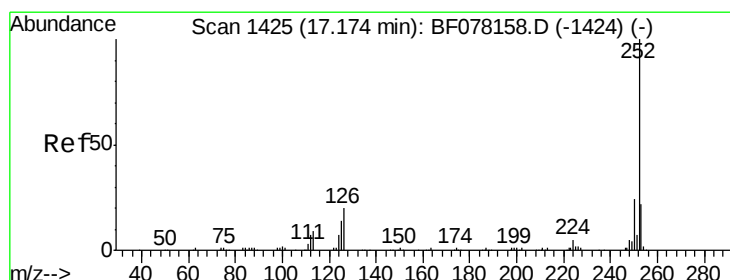
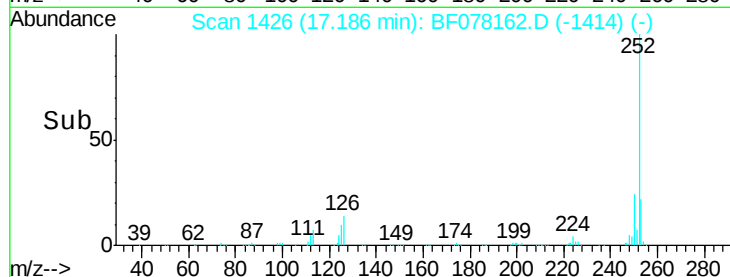
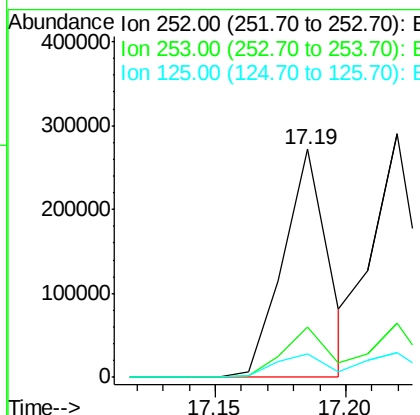
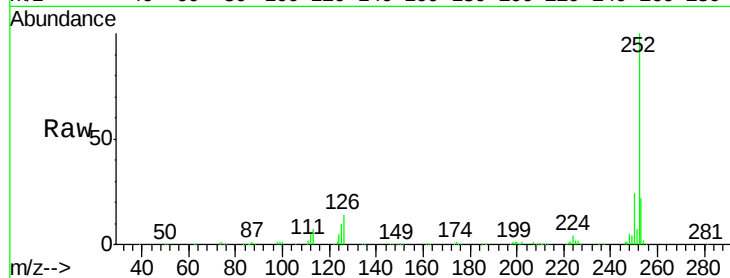
ClientSampleId :

ICVBF040115

Tot Ion:	252	Resp:	324975
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	10.5	7.0	10.4#

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#88

Benzo(k)fluoranthene

Concen: 44.00 ng m

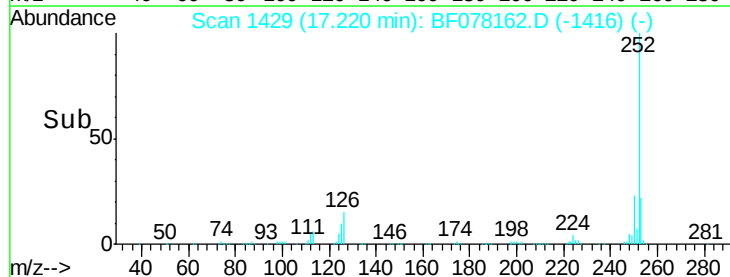
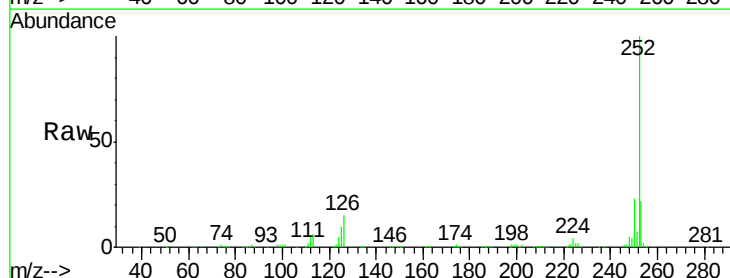
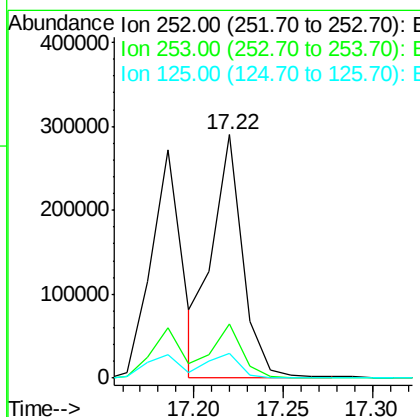
RT: 17.22 min Scan# 1429

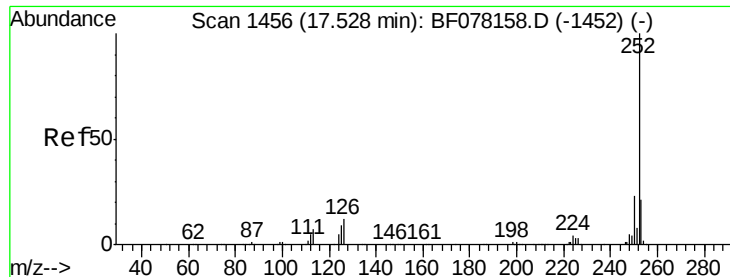
Delta R.T. 0.05 min

Lab File: BF078162.D

Acq: 1 Apr 2015 20:02

Tgt Ion:	252	Resp:	344078
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	10.2	11.6	17.4#





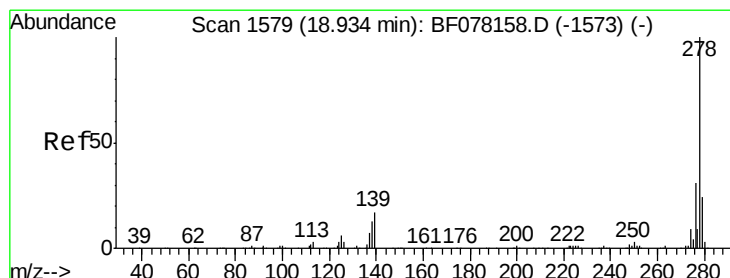
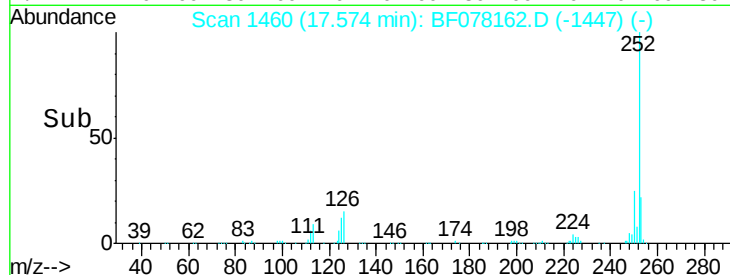
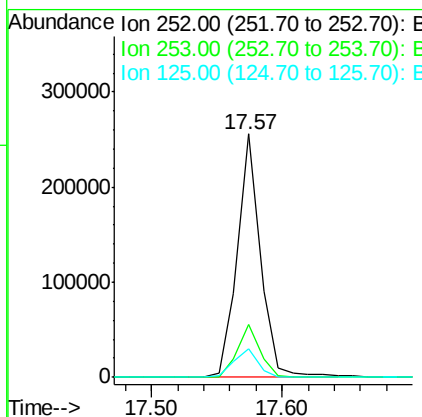
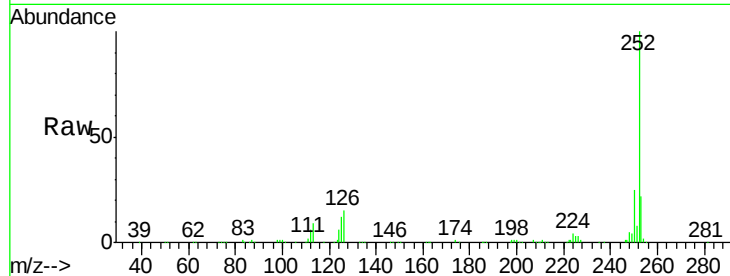
#89
Benzo(a)pyrene
Concen: 41.18 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.05 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Instrument :
BNA_F
ClientSampleId :
ICVBF040115

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	11.9	7.4	11.0

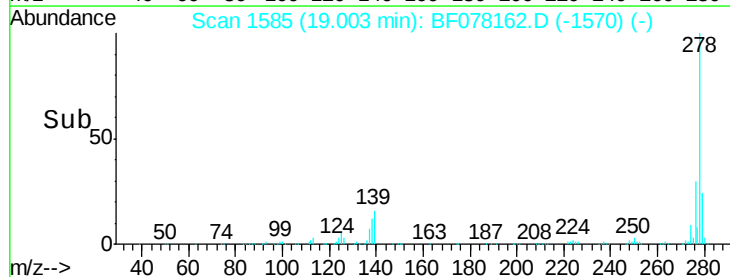
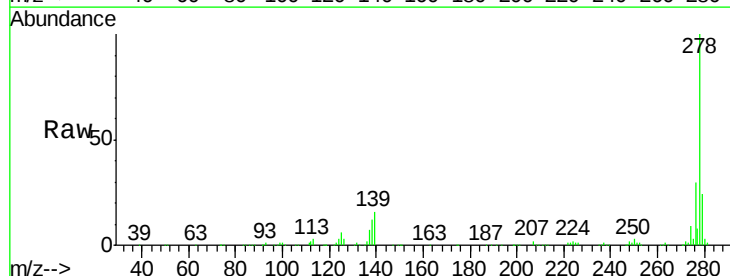
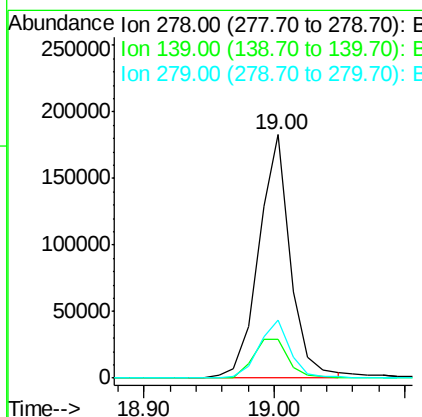
Manual Integrations
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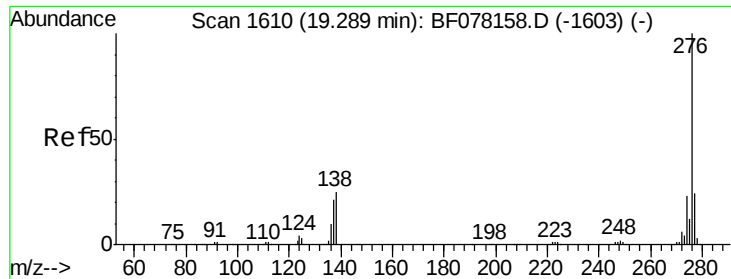
apatel
4/2/2015 5:50:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.32 ng
RT: 19.00 min Scan# 1585
Delta R.T. 0.07 min
Lab File: BF078162.D
Acq: 1 Apr 2015 20:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.6	20.4
279	23.6	19.0	28.6





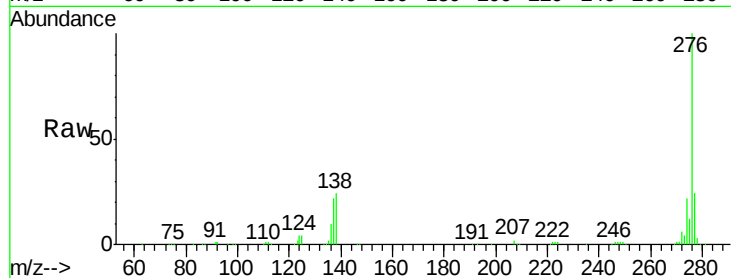
#91
 Benzo(a,h,i)perylene
 Concen: 40.23 ng
 RT: 19.36 min Scan# 1616
 Delta R.T. 0.07 min
 Lab File: BF078162.D
 Acq: 1 Apr 2015 20:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040115

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.9	19.9	29.9

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

