

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077574.D
 Acq On : 4 Mar 2015 5:45
 Operator : TP/IZ
 Sample : G1332-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Manual Integrations
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 3/4/2015 4:42:32 PM

Quant Time: Mar 04 08:09:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 04:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	76960	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	335489	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	168223	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	323461	20.00	ng	0.00
75) Chrysene-d12	16.13	240	346938	20.00	ng	0.00
86) Perylene-d12	17.84	264	303073	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	383427	83.17	ng	0.00
7) Phenol-d6	6.80	99	425529	71.79	ng	0.00
23) Nitrobenzene-d5	7.93	82	243296	45.10	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	107376	66.29	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	516327	47.86	ng	0.00
78) Terphenyl-d14	14.83	244	616899	41.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	45549	23.28	ng	99
3) Pyridine	2.93	79	116490	20.82	ng	94
4) n-Nitrosodimethylamine	2.82	42	57017	23.43	ng	96
6) Aniline	6.83	93	47535	5.80	ng	99
8) 2-Chlorophenol	6.97	128	118522	21.79	ng	92
9) Benzaldehyde	6.68	77	20137	5.60	ng	98
10) Phenol	6.81	94	143104	20.35	ng	91
11) bis(2-Chloroethyl)ether	6.92	93	109499	21.67	ng	89
12) 1,3-Dichlorobenzene	7.16	146	132581	22.39	ng	# 90
13) 1,4-Dichlorobenzene	7.26	146	123626	20.52	ng	94
14) 1,2-Dichlorobenzene	7.44	146	122035	21.30	ng	97
15) Benzyl Alcohol	7.42	79	97665	21.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	145155	20.09	ng	96
17) 2-Methylphenol	7.56	107	94784	22.30	ng	96
18) Hexachloroethane	7.86	117	45064	22.40	ng	92
19) n-Nitroso-di-n-propylamine	7.75	70	77993	20.72	ng	# 90
20) 3+4-Methylphenols	7.76	107	121693	21.74	ng	# 74
22) Acetophenone	7.74	105	164396	20.83	ng	# 86
24) Nitrobenzene	7.95	77	120379	21.21	ng	88
25) Isophorone	8.25	82	217835	20.35	ng	# 92
26) 2-Nitrophenol	8.34	139	51087	21.96	ng	# 85
27) 2,4-Dimethylphenol	8.41	122	102696	19.73	ng	99
28) bis(2-Chloroethoxy)methane	8.53	93	127940	18.92	ng	100
29) 2,4-Dichlorophenol	8.64	162	95757	19.60	ng	99
30) 1,2,4-Trichlorobenzene	8.75	180	105503	19.64	ng	95
31) Naphthalene	8.84	128	359294	21.42	ng	98
32) Benzoic acid	8.49	122	33268	13.15	ng	95
33) 4-Chloroaniline	8.92	127	46634	6.25	ng	# 90
34) Hexachlorobutadiene	9.00	225	57472	18.74	ng	98
35) Caprolactam	9.33	113	29942	20.07	ng	# 84
36) 4-Chloro-3-methylphenol	9.52	107	108701	22.13	ng	# 84
37) 2-Methylnaphthalene	9.70	142	250622	21.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.90	216	103590	21.46	ng	98
40) Hexachlorocyclopentadiene	9.89	237	59055	22.82	ng	96

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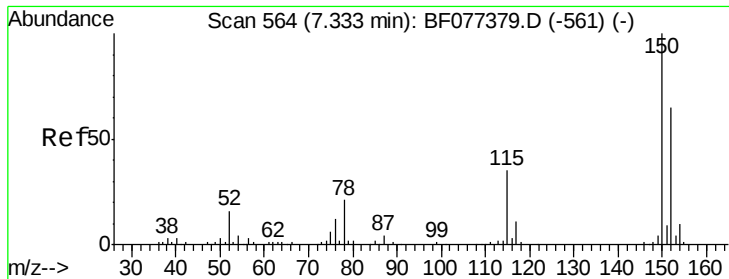
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	71009	22.21	ng	97
43) 2,4,5-Trichlorophenol	10.10	196	74627	21.83	ng	99
45) 1,1'-Biphenyl	10.28	154	281063	22.05	ng	99
46) 2-Chloronaphthalene	10.30	162	231971	23.21	ng	95
47) 2-Nitroaniline	10.43	65	63284	25.72	ng	90
48) Acenaphthylene	10.81	152	365925	23.13	ng	100
49) Dimethylphthalate	10.67	163	271733	22.98	ng	98
50) 2,6-Dinitrotoluene	10.74	165	56570	23.86	ng	# 64
51) Acenaphthene	11.03	154	197719	20.94	ng	98
52) 3-Nitroaniline	10.94	138	51699	18.91	ng	83
53) 2,4-Dinitrophenol	11.08	184	13994	19.39	ng	91
54) Dibenzofuran	11.24	168	360711	24.74	ng	98
55) 4-Nitrophenol	11.16	139	116641	53.04	ng	90
56) 2,4-Dinitrotoluene	11.24	165	83678	26.11	ng	# 91
57) Fluorene	11.67	166	261959	22.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	61172	22.26	ng	# 97
59) Diethylphthalate	11.55	149	244397	20.96	ng	97
60) 4-Chlorophenyl-phenylether	11.68	204	114479	20.38	ng	# 89
61) 4-Nitroaniline	11.69	138	57303	21.87	ng	88
62) Azobenzene	11.87	77	240389	21.73	ng	97
64) 4,6-Dinitro-2-methylphenol	11.74	198	13158	13.12	ng	# 8
65) n-Nitrosodiphenylamine	11.83	169	234283	21.83	ng	96
66) 4-Bromophenyl-phenylether	12.28	248	80852	21.35	ng	# 88
67) Hexachlorobenzene	12.35	284	84985	20.90	ng	# 86
68) Atrazine	12.50	200	75426	21.62	ng	97
69) Pentachlorophenol	12.60	266	84853	39.71	ng	98
70) Phenanthrene	12.86	178	395969	21.12	ng	98
71) Anthracene	12.92	178	372721	20.03	ng	98
72) Carbazole	13.13	167	343072	19.39	ng	97
73) Di-n-butylphthalate	13.59	149	361080	17.38	ng	100
74) Fluoranthene	14.34	202	460105	22.47	ng	96
76) Benzidine	14.52	184	168417	14.37	ng	# 94
77) Pyrene	14.62	202	484787	22.84	ng	99
79) Butylbenzylphthalate	15.45	149	173681	19.89	ng	# 76
80) Benzo(a)anthracene	16.12	228	424148	20.86	ng	97
81) 3,3'-Dichlorobenzidine	16.09	252	74965	10.06	ng	# 89
82) Chrysene	16.16	228	400151	20.96	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	226544	16.18	ng	# 98
84) Di-n-octyl phthalate	16.95	149	337197	14.43	ng	# 41
85) Indeno(1,2,3-cd)pyrene	19.28	276	462183	21.23	ng	99
87) Benzo(b)fluoranthene	17.40	252	401264	22.77	ng	# 88
88) Benzo(k)fluoranthene	17.43	252	317157m	18.36	ng	
89) Benzo(a)pyrene	17.77	252	352906	21.03	ng	# 89
90) Dibenzo(a,h)anthracene	19.30	278	357972	22.36	ng	# 95
91) Benzo(g,h,i)perylene	19.70	276	348658	21.58	ng	96

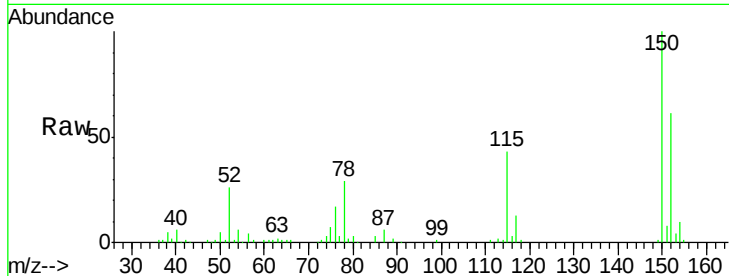
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

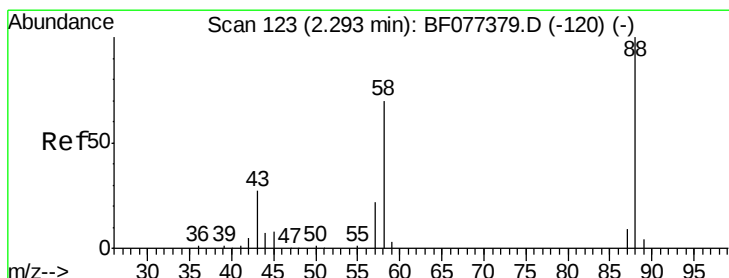
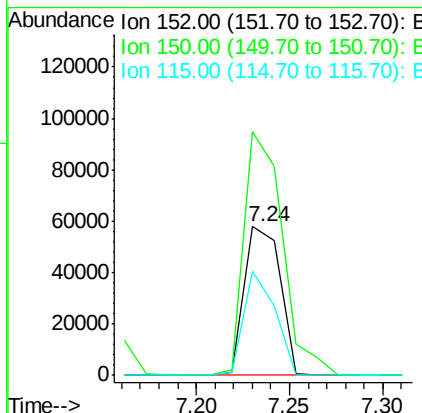
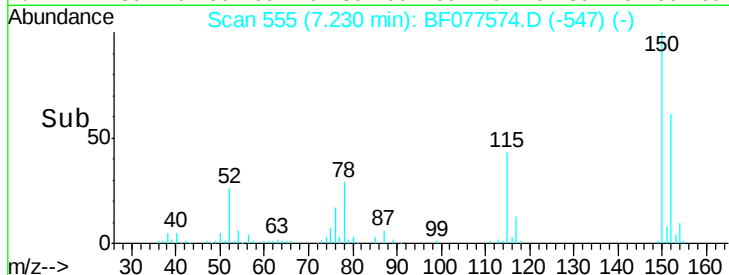
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.9	124.0	186.0
115	70.1	49.4	74.2

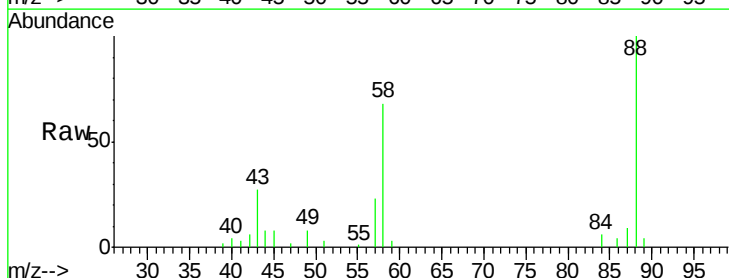
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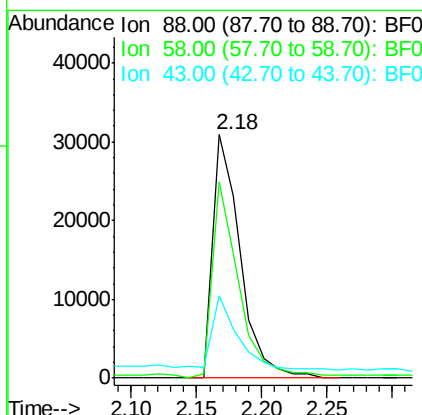
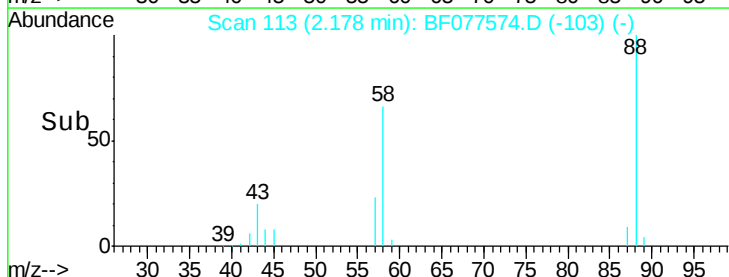


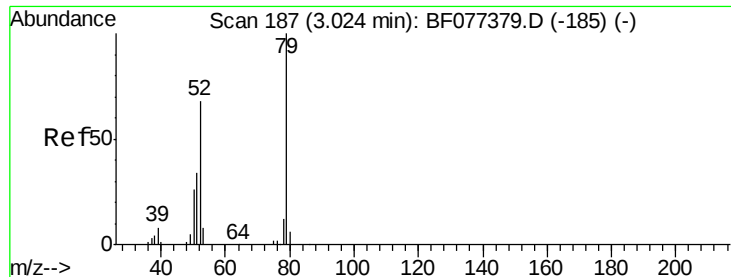
#2

1,4-Dioxane
Concen: 23.28 ng
RT: 2.18 min Scan# 113
Delta R.T. 0.02 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45



Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	62.1	93.1
43	30.3	24.0	36.0





#3

Pyridine

Concen: 20.82 ng

RT: 2.93 min Scan# 179

Delta R.T. 0.04 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

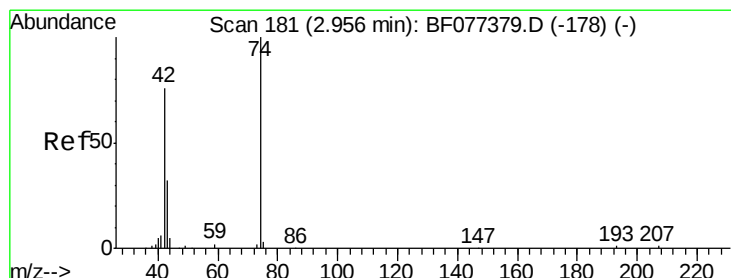
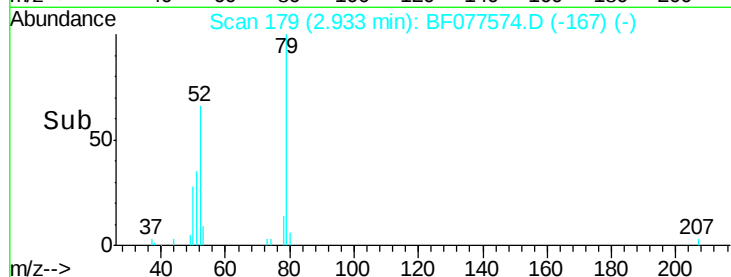
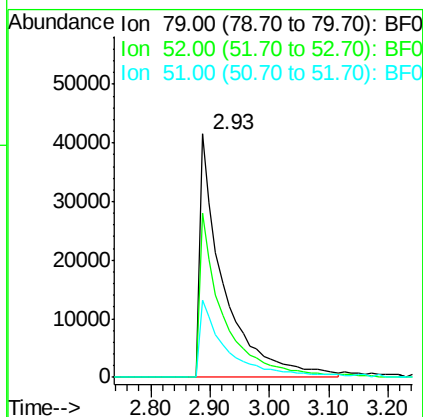
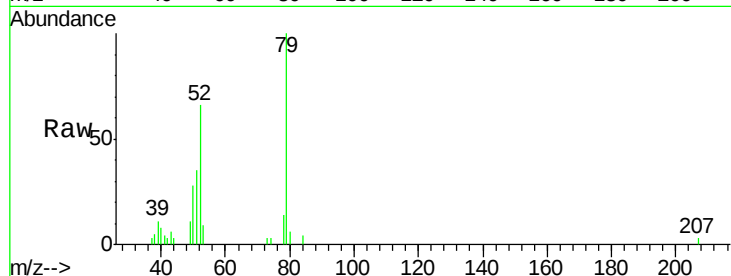
ClientSampleId :

VMA-2MSD

Tgt Ion:	79	Resp:	116490
Ion Ratio	Lower	Upper	
79	100		
52	65.7	57.7	86.5
51	34.6	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 23.43 ng

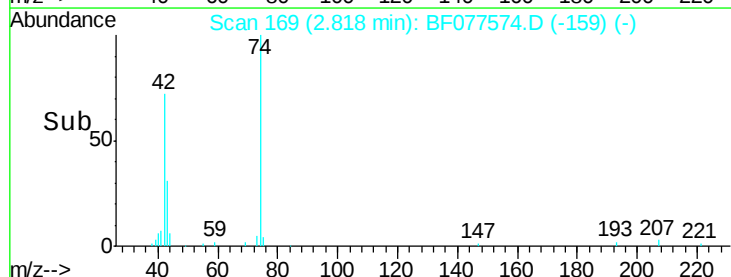
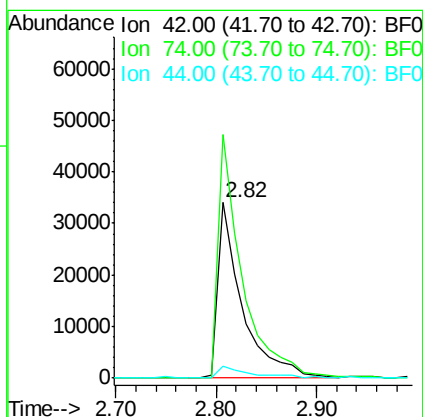
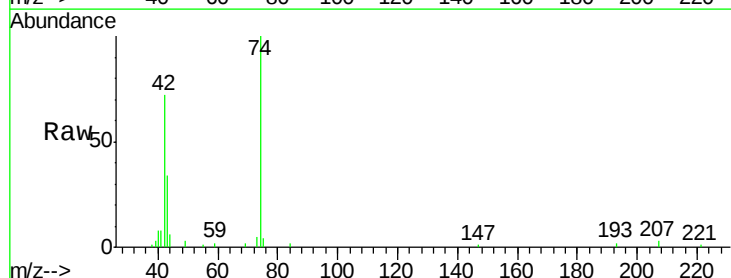
RT: 2.82 min Scan# 169

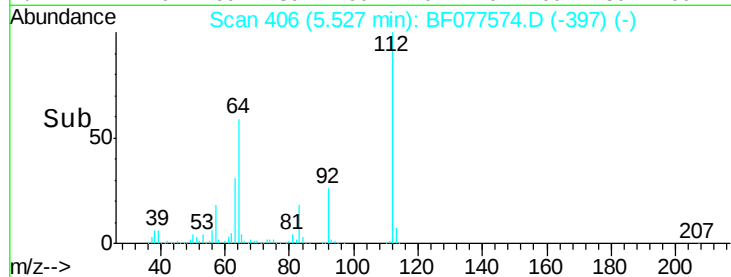
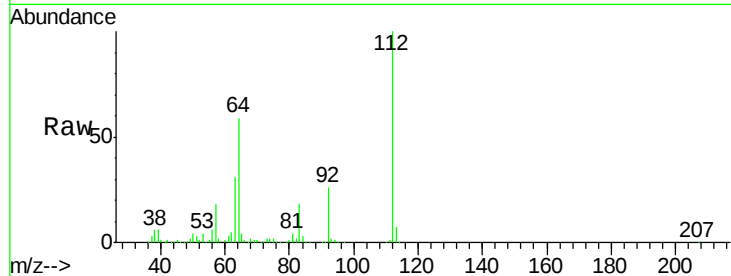
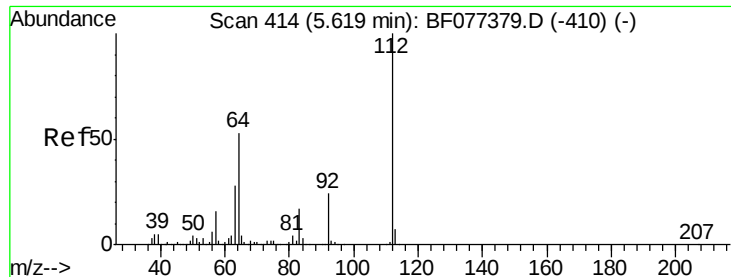
Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	42	Resp:	57017
Ion Ratio	Lower	Upper	
42	100		
74	138.6	107.1	160.7
44	8.3	6.7	10.1





#5

2-Fluorophenol

Concen: 83.17 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	112	Resp:	383427
Ion Ratio	Lower	Upper	
112	100		
64	58.8	48.5	72.7
63	30.7	25.0	37.4

Instrument :

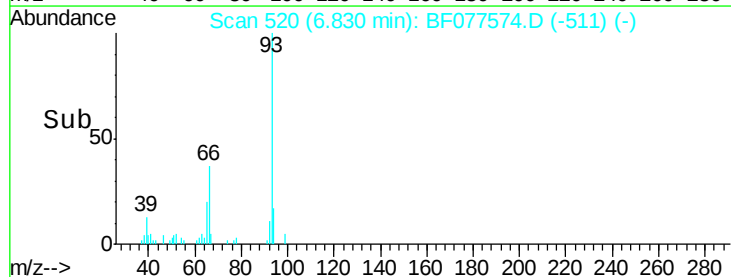
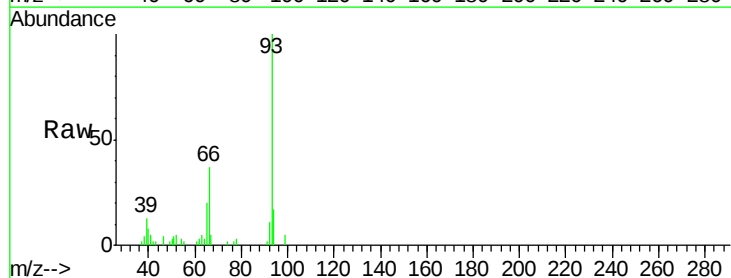
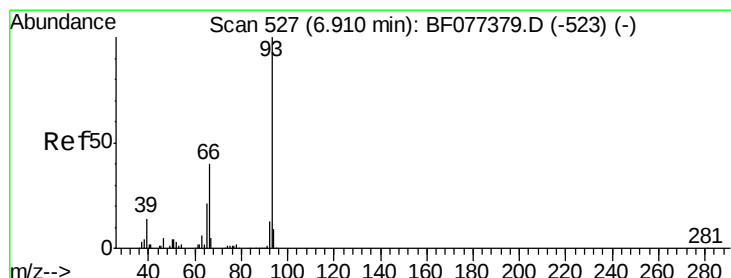
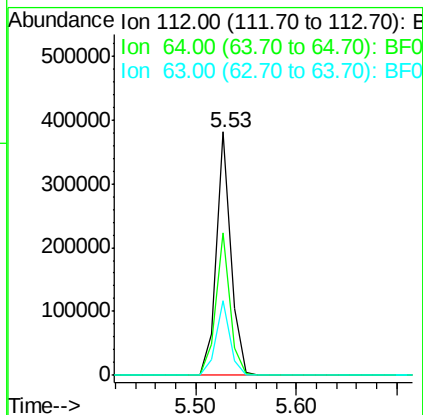
BNA_F

ClientSampleId :

VMA-2MSD

Manual Integrations
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#6

Aniline

Concen: 5.80 ng

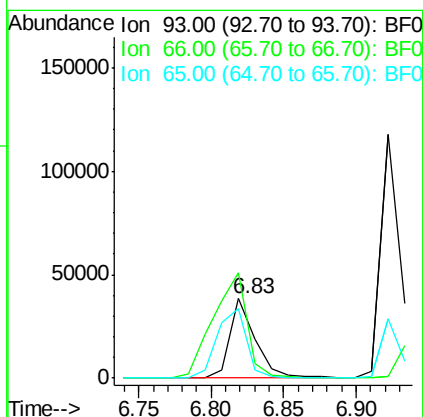
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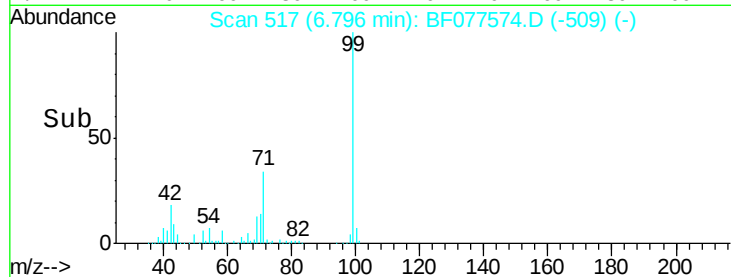
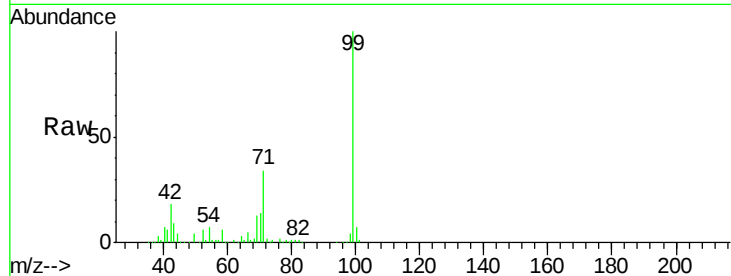
Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	93	Resp:	47535
Ion Ratio	Lower	Upper	
93	100		
66	36.6	29.1	43.7
65	19.7	14.6	22.0





#7

Phenol-d6

Concen: 71.79 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	99	Resp:	425529
Ion Ratio	Lower	Upper	
99	100		
42	18.2	16.2	24.4
71	33.9	26.7	40.1

Instrument :

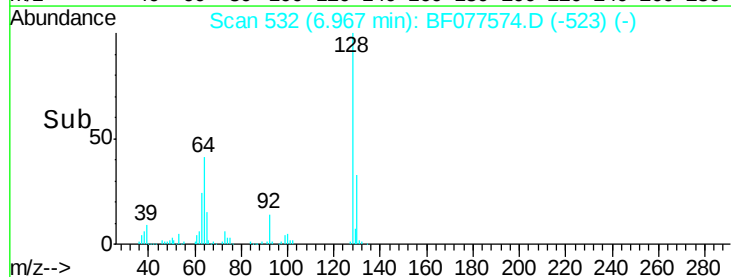
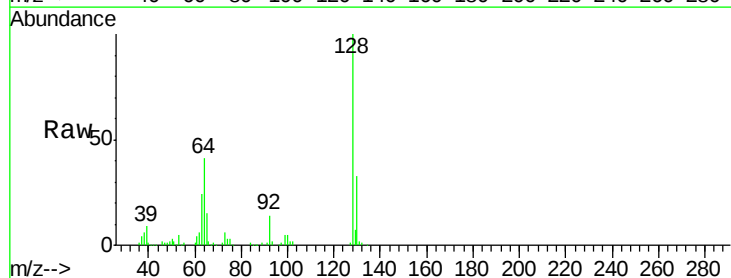
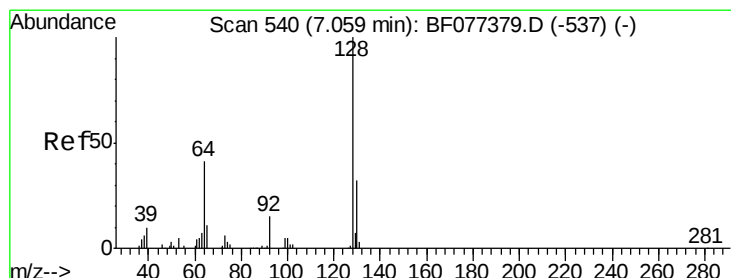
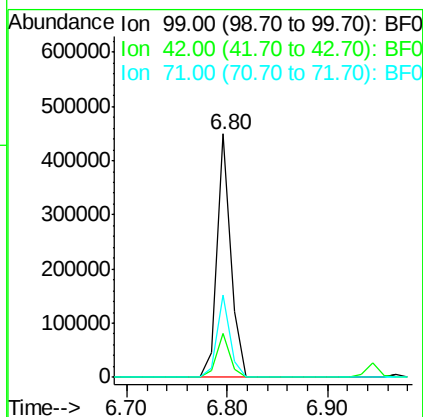
BNA_F

ClientSampleId :

VMA-2MSD

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#8

2-Chlorophenol

Concen: 21.79 ng

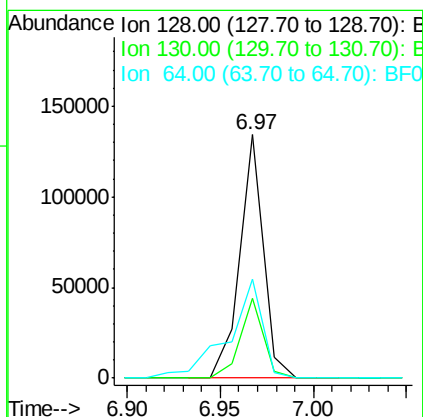
RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	128	Resp:	118522
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.0	52.0
64	40.6	29.2	69.2





#9

Benzaldehyde

Concen: 5.60 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077574.D

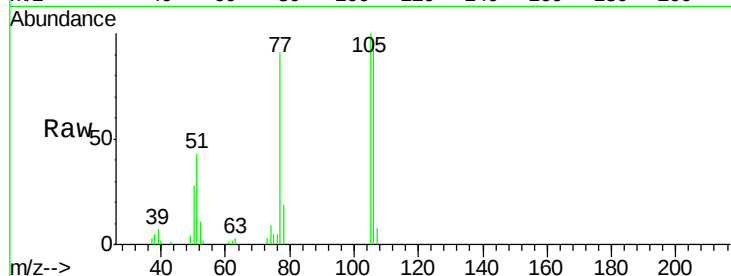
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Instrument :

BNA_F

ClientSampleId :

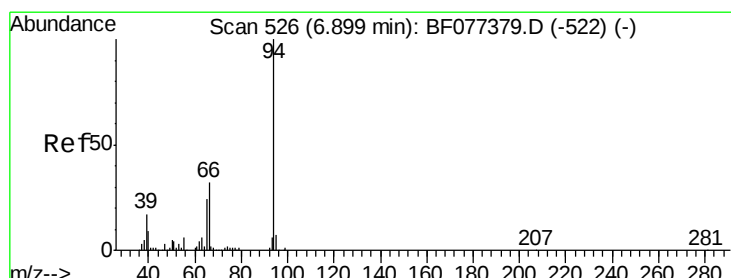
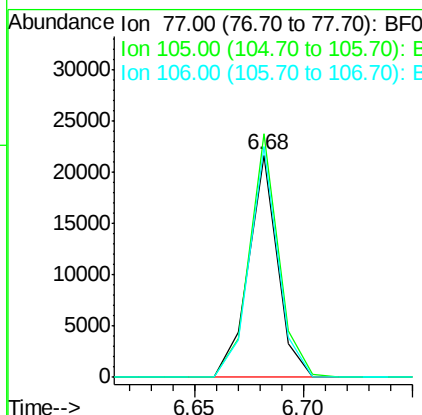
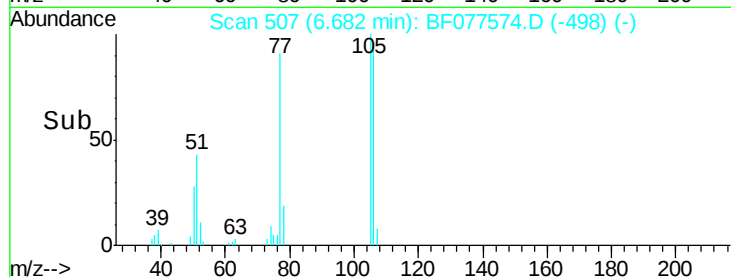
VMA-2MSD



Tgt Ion:	77	Resp:	20137
Ion Ratio	Lower	Upper	
77	100		
105	109.7	85.9	125.9
106	104.2	82.9	122.9

Manual Integrations
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#10

Phenol

Concen: 20.35 ng

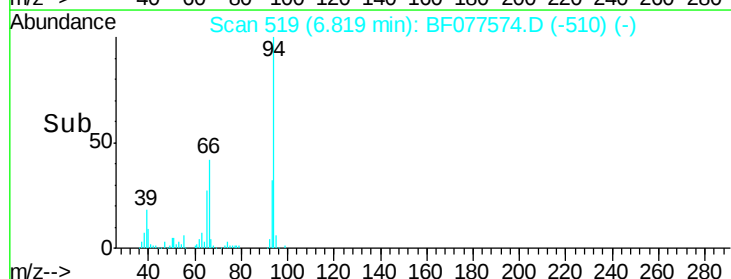
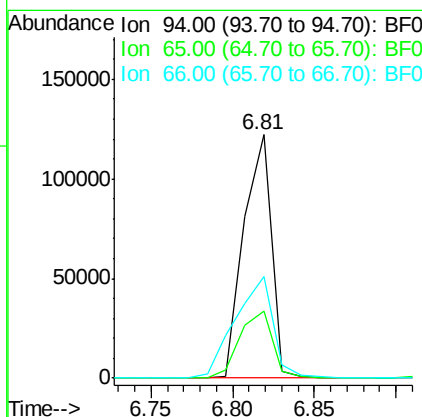
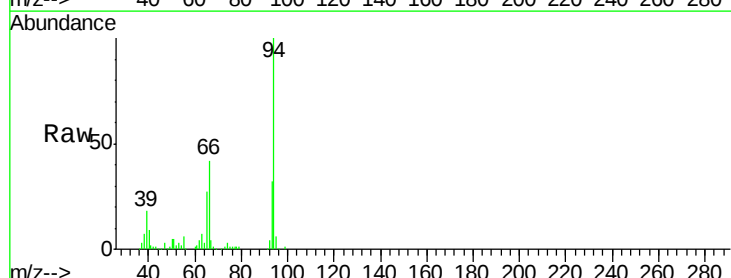
RT: 6.81 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	94	Resp:	143104
Ion Ratio	Lower	Upper	
94	100		
65	27.3	5.7	45.7
66	41.7	13.6	53.6





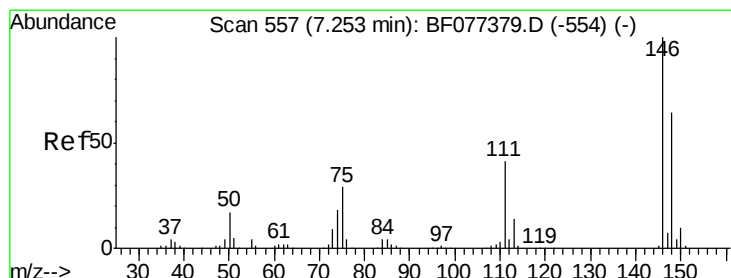
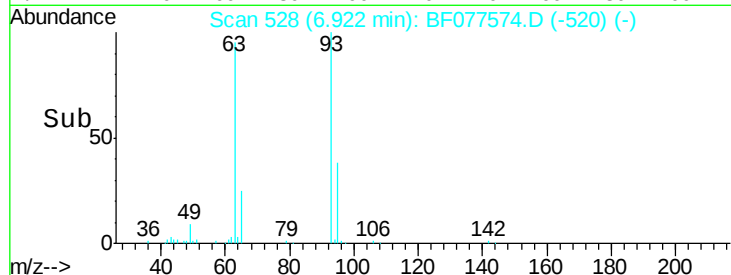
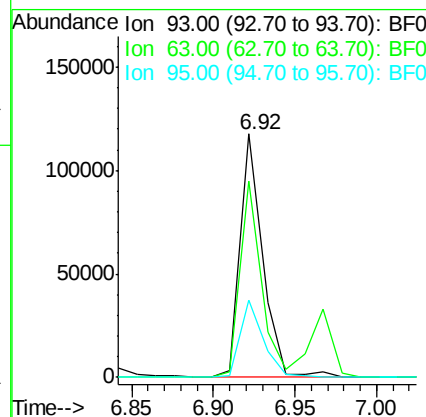
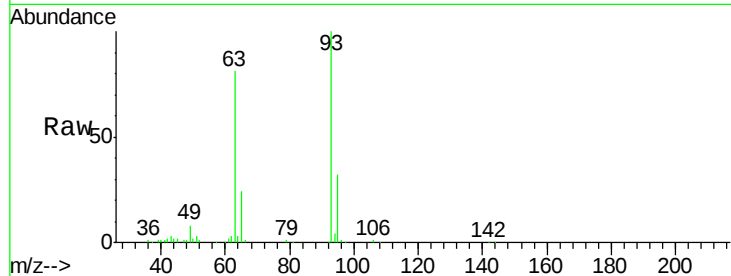
#11
bis(2-Chloroethyl)ether
Concen: 21.67 ng
RT: 6.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	80.5	48.7	88.7
95	31.6	13.6	53.6

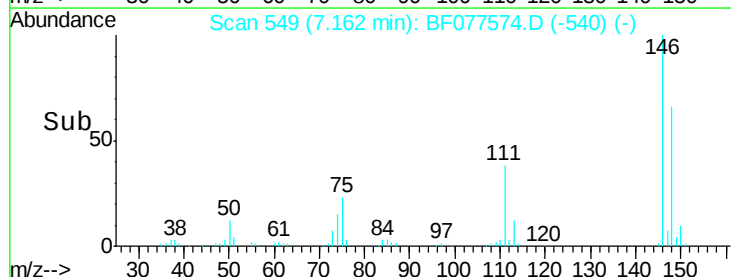
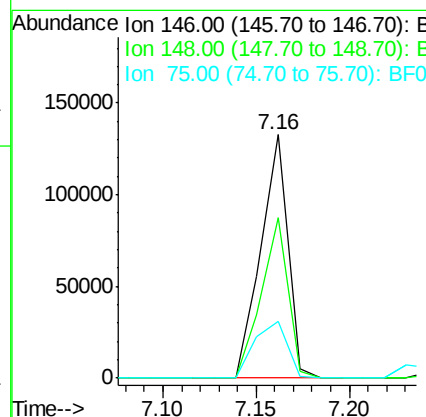
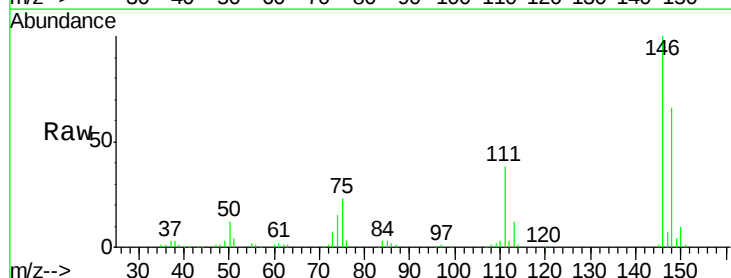
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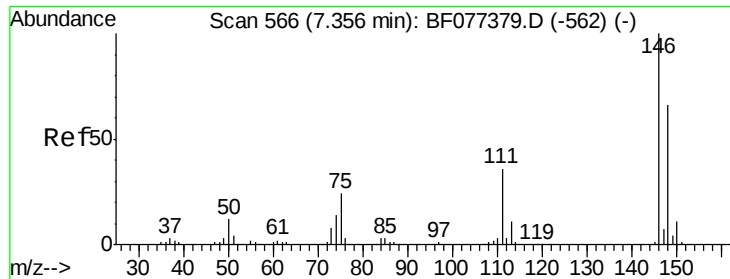
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#12
1,3-Dichlorobenzene
Concen: 22.39 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	65.7	49.8	74.8
75	23.5	28.2	42.4





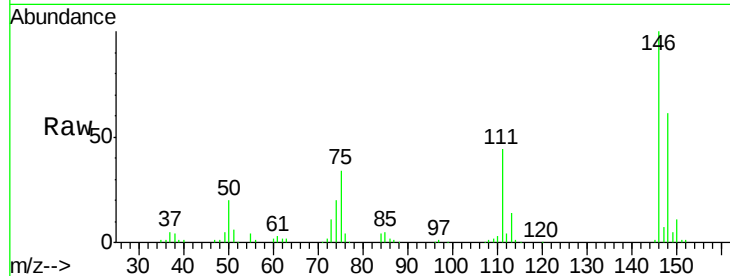
#13
1,4-Dichlorobenzene
Concen: 20.52 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

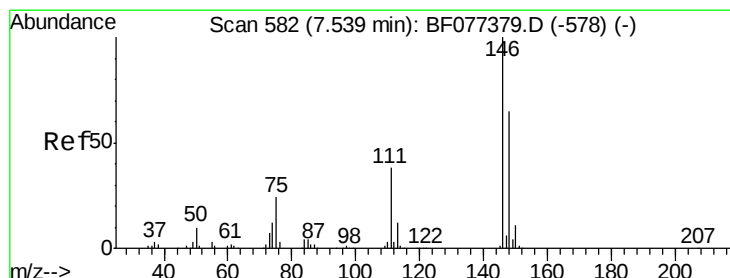
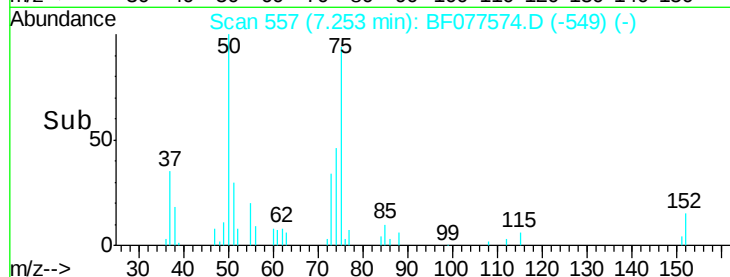
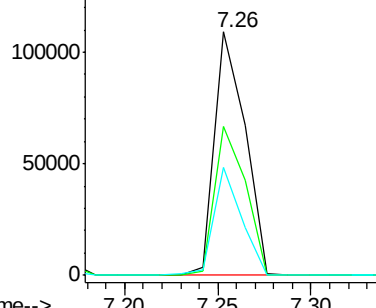
Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	61.2	52.0	78.0
111	44.3	31.9	47.9

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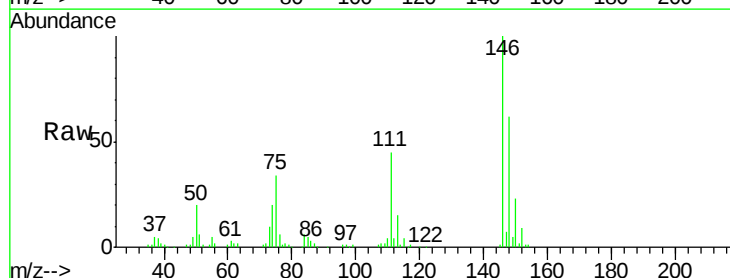


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

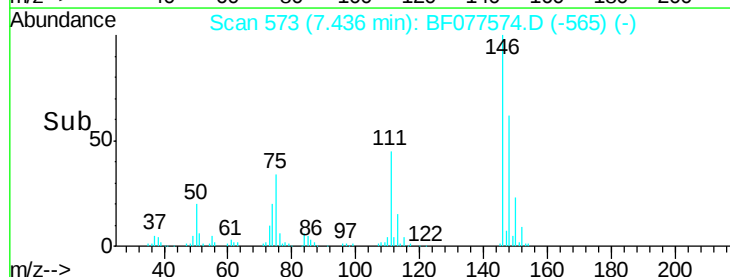
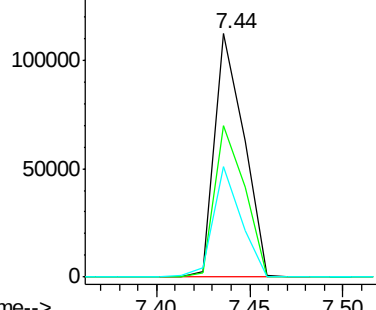


#14
1,2-Dichlorobenzene
Concen: 21.30 ng
RT: 7.44 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	62.4	51.6	77.4
111	45.4	34.2	51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





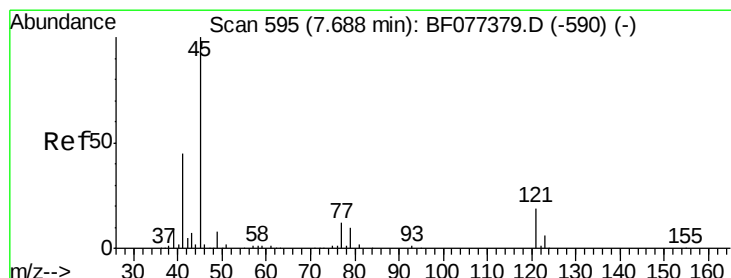
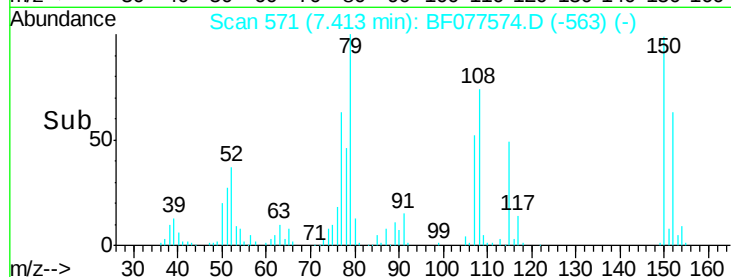
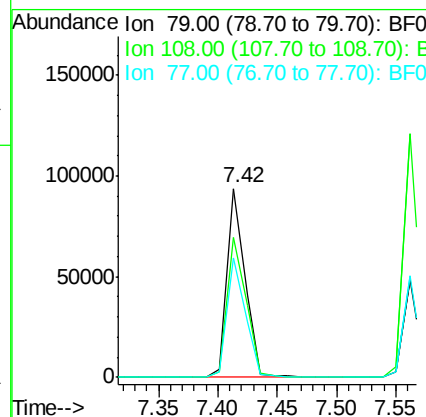
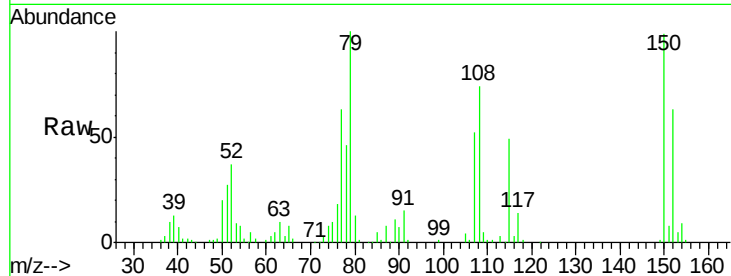
#15
Benzyl Alcohol
Concen: 21.68 ng
RT: 7.42 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.2	58.3	87.5
77	63.2	51.3	76.9

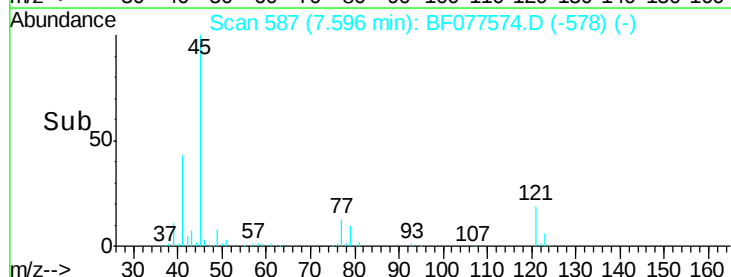
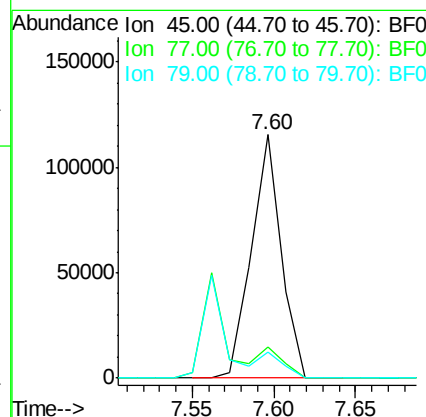
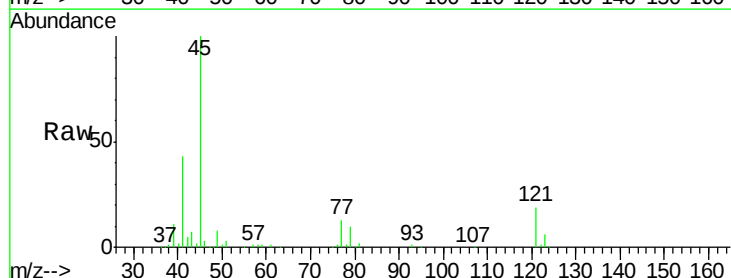
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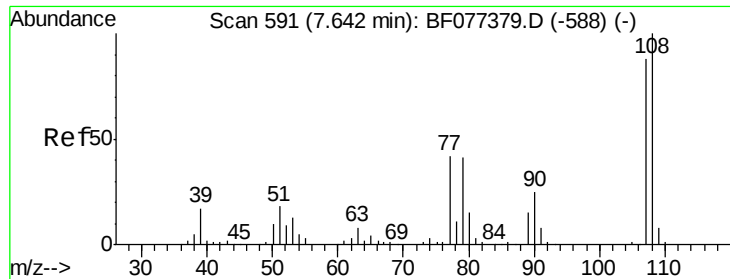
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.09 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	34.6
79	10.5	0.0	31.5





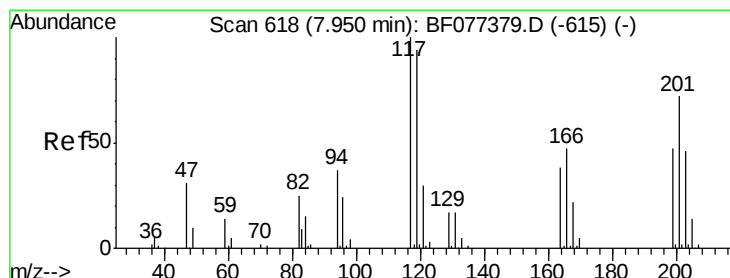
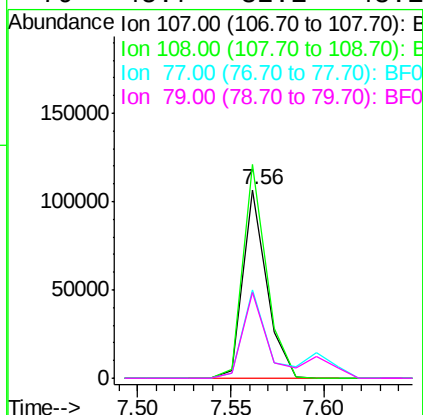
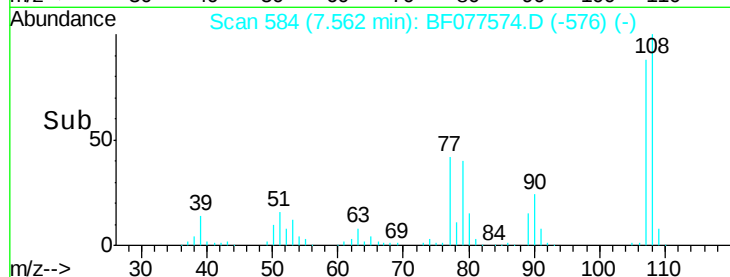
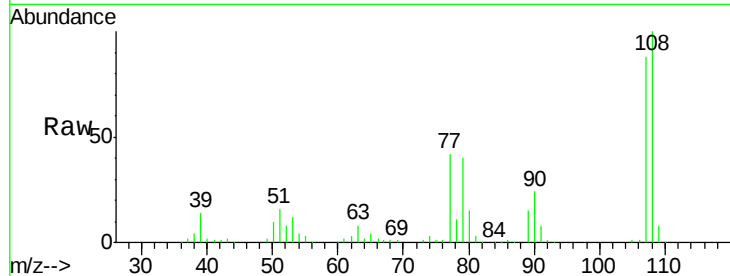
#17
2-Methylphenol
Concen: 22.30 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:	107	Resp:	94784
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.2	136.8
77	47.1	33.6	50.4
79	45.7	32.1	48.1

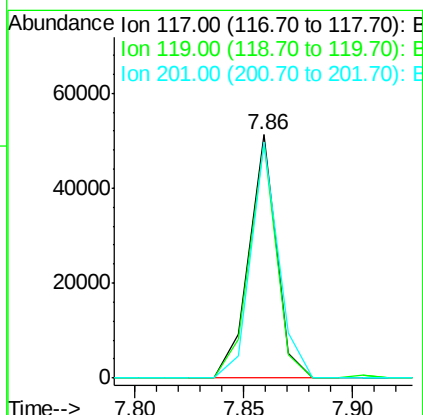
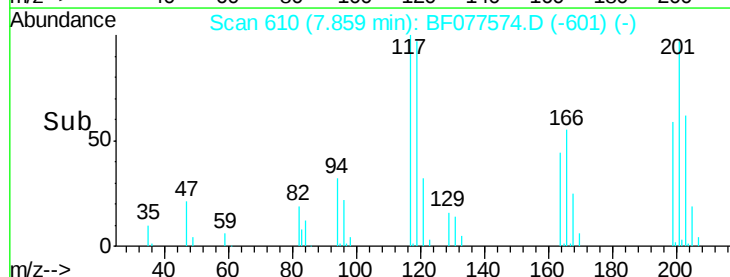
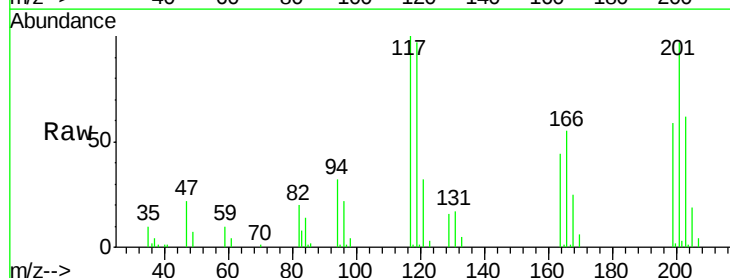
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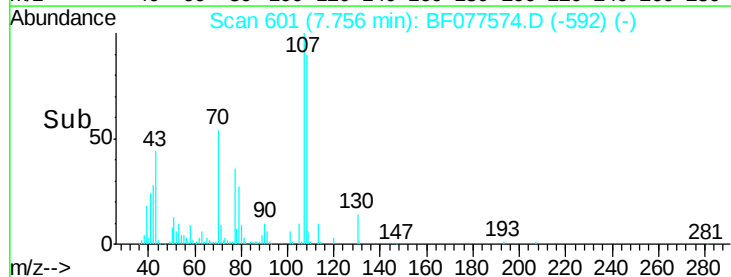
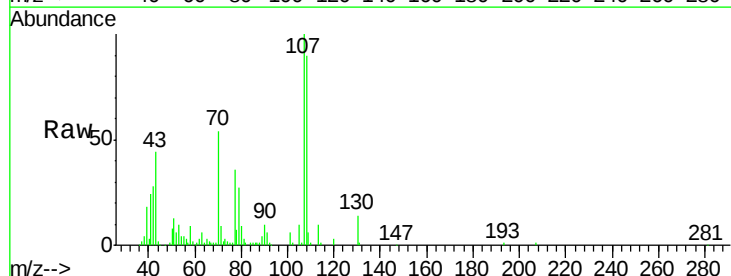
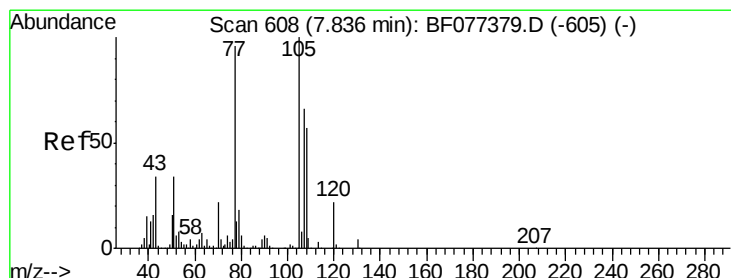
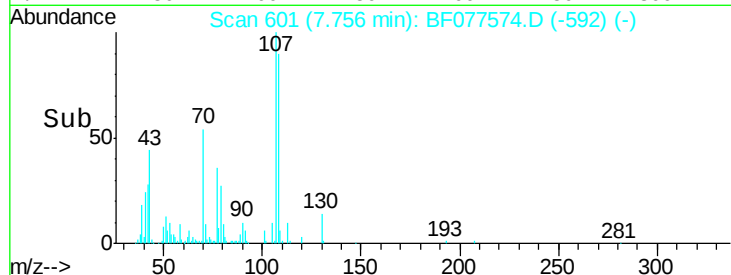
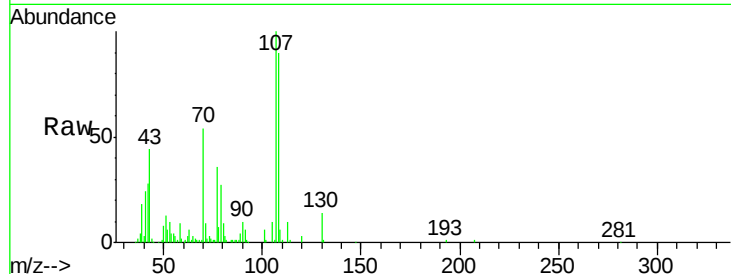
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#18
Hexachloroethane
Concen: 22.40 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:	117	Resp:	45064
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.8	116.8
201	97.1	90.6	136.0

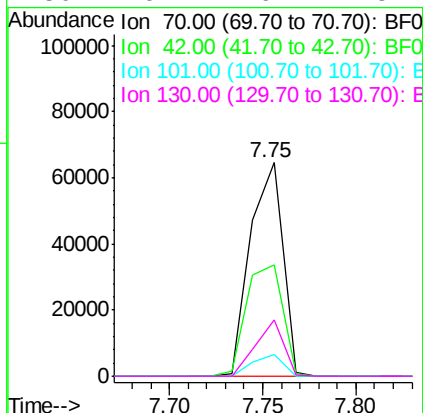




#19
n-Nitroso-di-n-propylamine
Concen: 20.72 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.9	48.3	72.5
101	10.5	7.5	11.3
130	26.4	16.7	25.1#

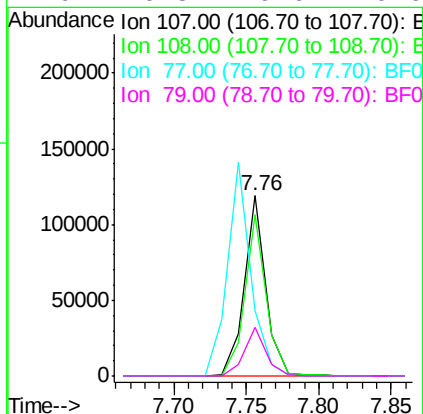


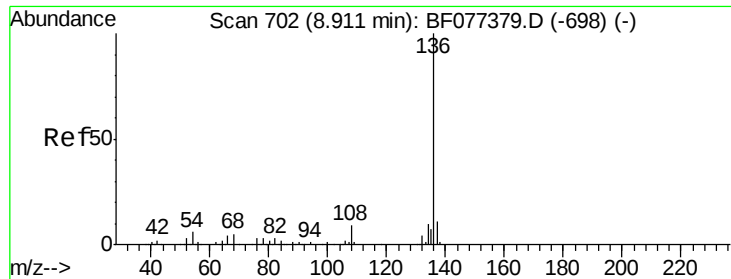
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#20
3+4-Methylphenols
Concen: 21.74 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	76.8	116.8
77	36.3	65.8	105.8#
79	26.8	9.6	49.6





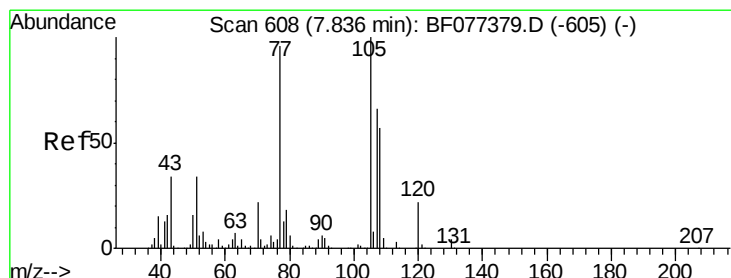
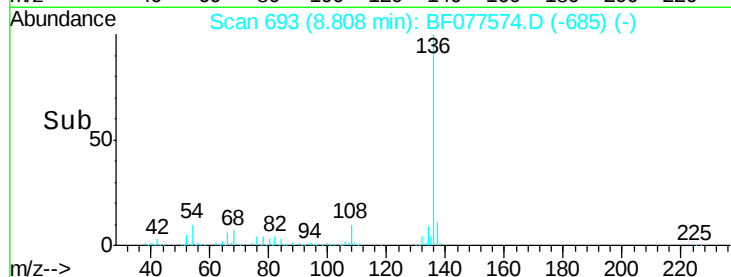
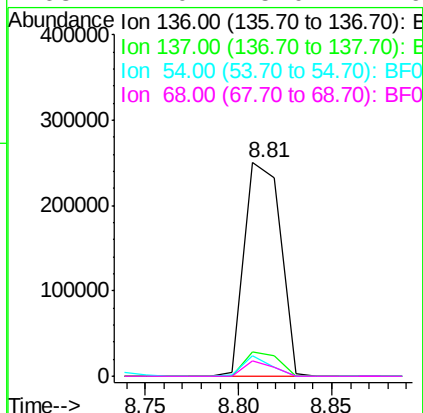
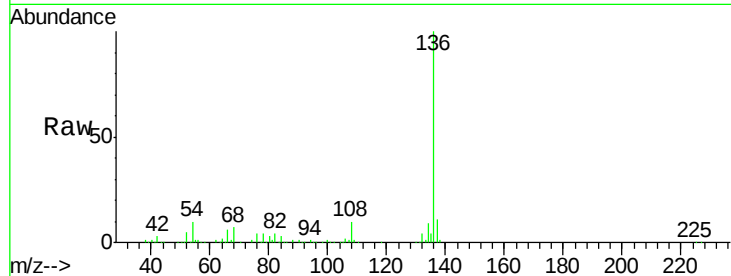
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	335489		
137	11.1	8.6	13.0	
54	9.6	6.2	9.4	
68	7.0	5.0	7.6	

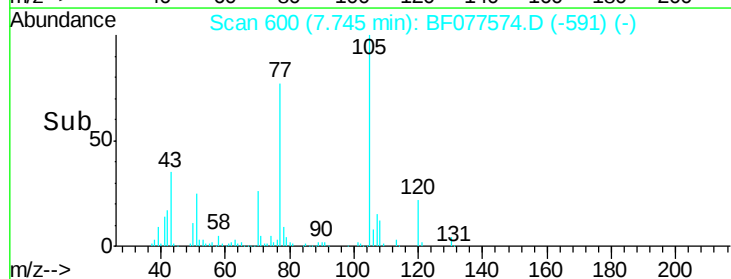
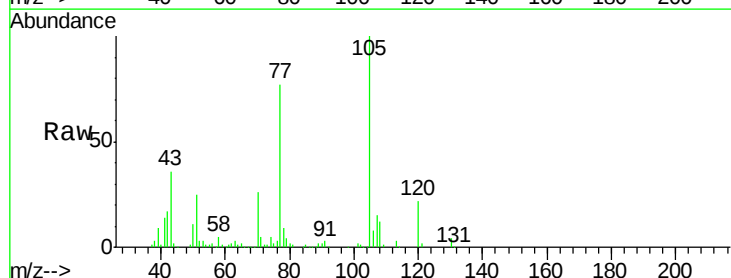
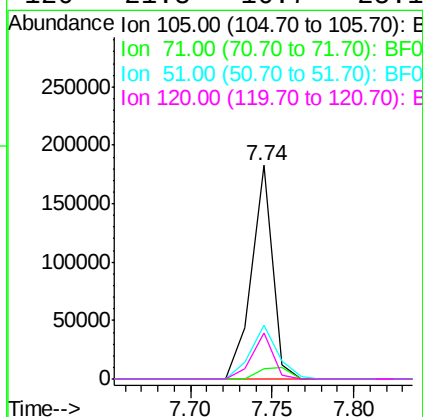
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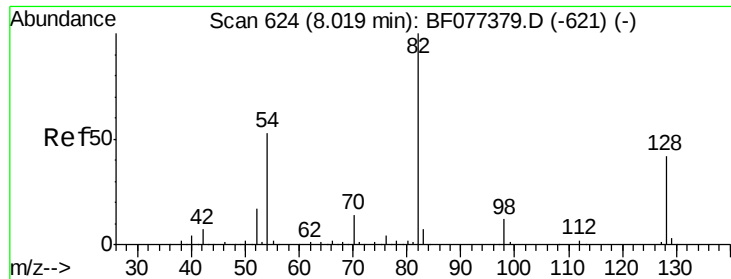
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#22
Acetophenone
Concen: 20.83 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164396		
71	4.5	1.7	2.5	
51	25.4	30.7	46.1	
120	21.8	16.7	25.1	





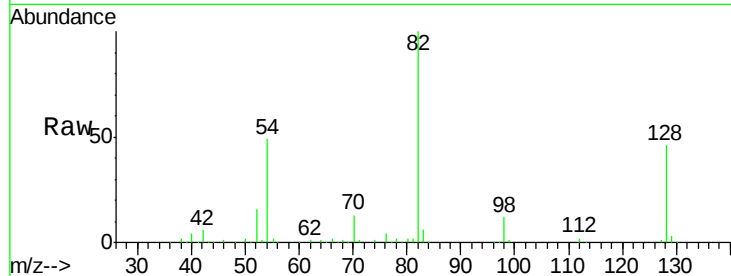
#23
 Nitrobenzene-d5
 Concen: 45.10 ng
 RT: 7.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

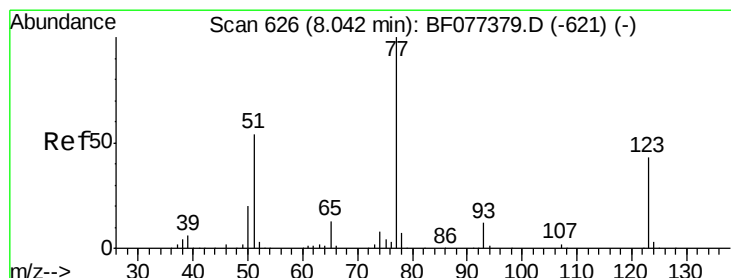
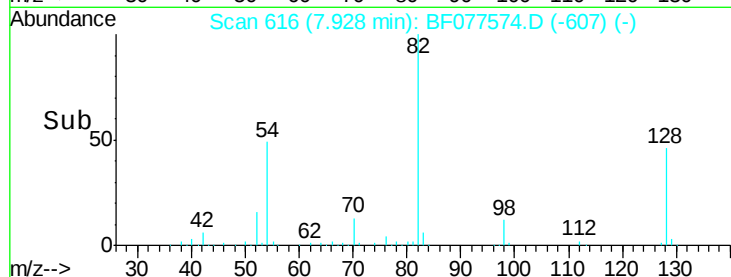
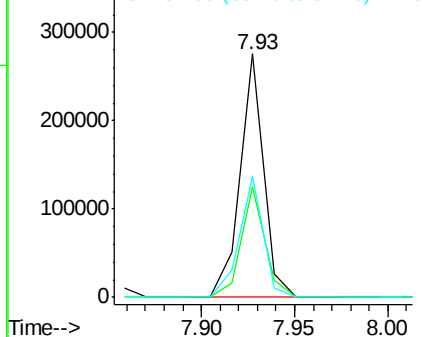
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	243296		
128	45.5	43.8	65.8	
54	49.4	36.7	55.1	

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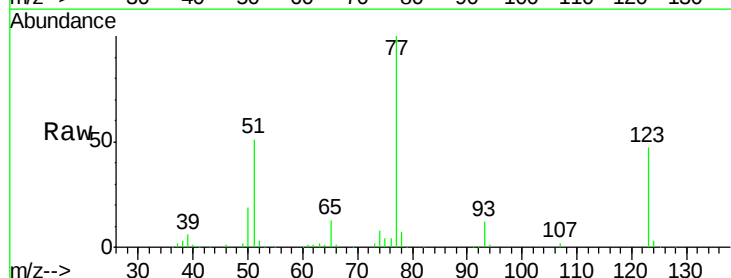


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

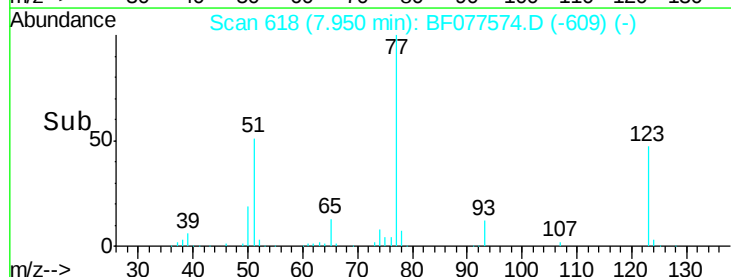
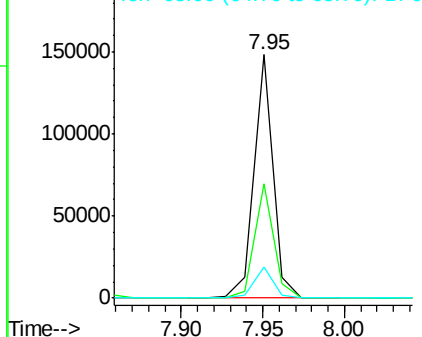


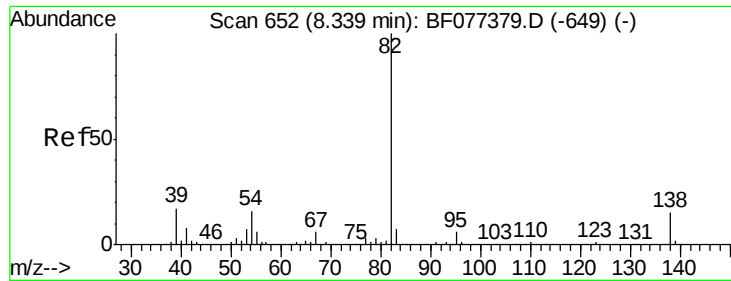
#24
 Nitrobenzene
 Concen: 21.21 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	120379		
123	47.0	45.9	68.9	
65	12.7	9.5	14.3	



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





#25

Isophorone

Concen: 20.35 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

Tgt Ion: 82 Resp: 217835
Ion Ratio Lower Upper

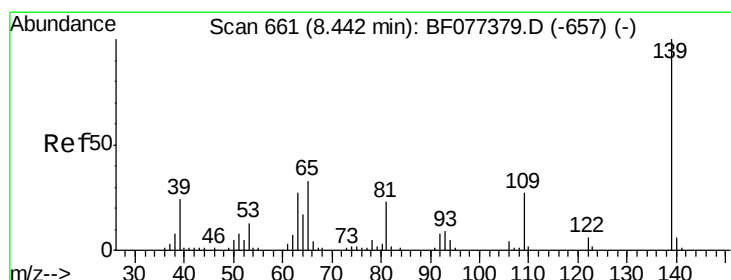
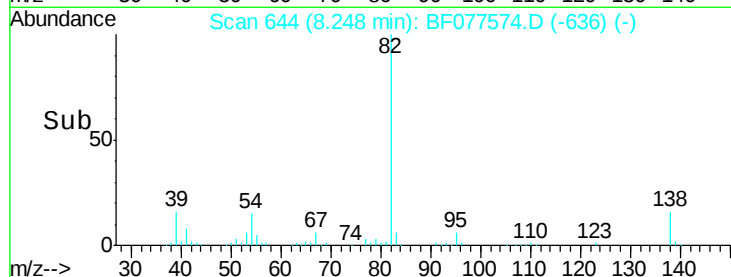
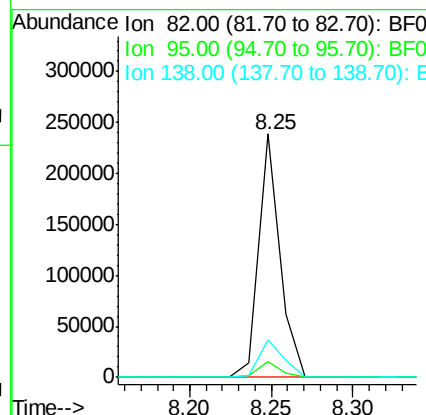
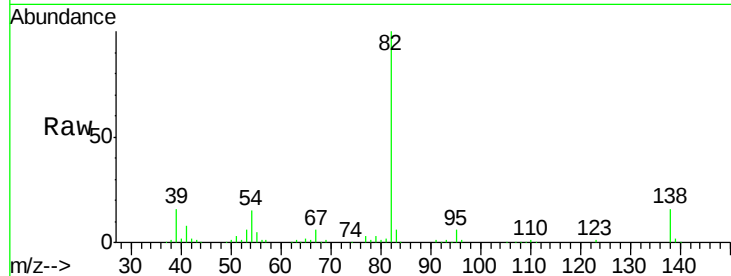
82 100

95 6.4 5.4 8.2

138 15.7 16.3 24.5#

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#26

2-Nitrophenol

Concen: 21.96 ng

RT: 8.34 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF077574.D

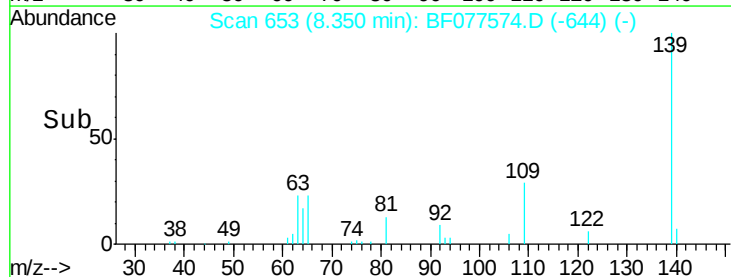
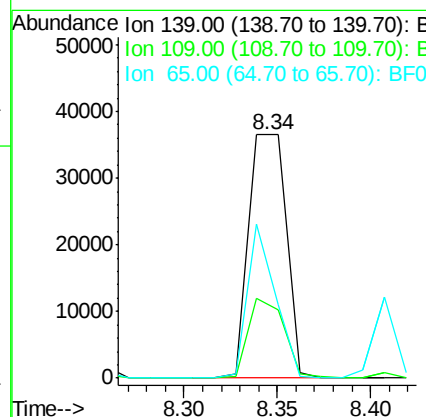
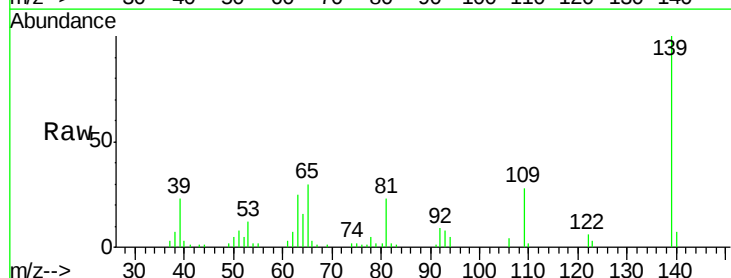
Acq: 4 Mar 2015 5:45

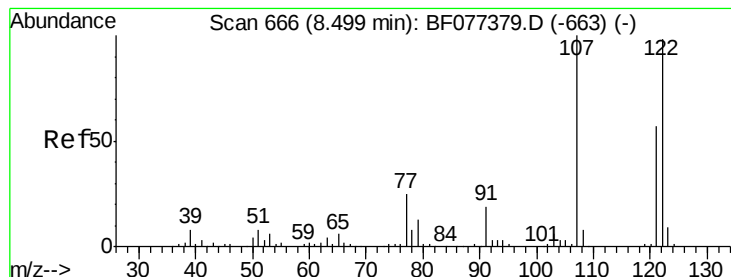
Tgt Ion: 139 Resp: 51087
Ion Ratio Lower Upper

139 100

109 27.9 22.6 34.0

65 30.2 36.4 54.6#





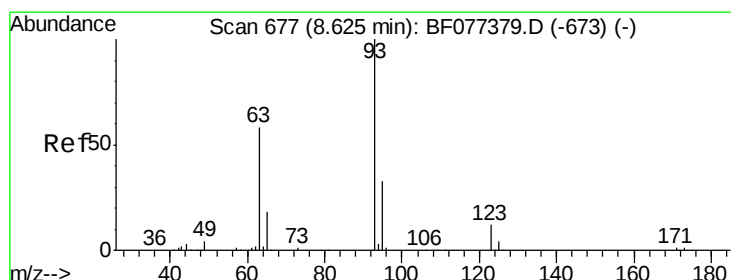
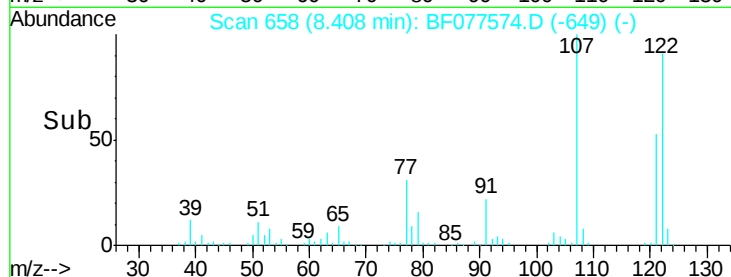
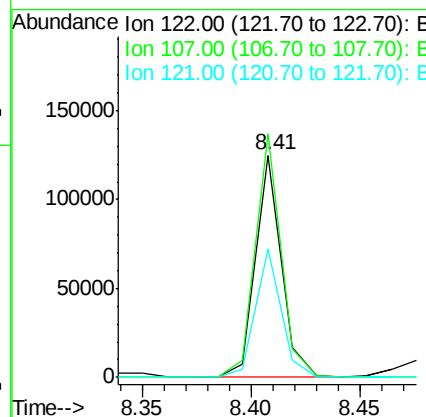
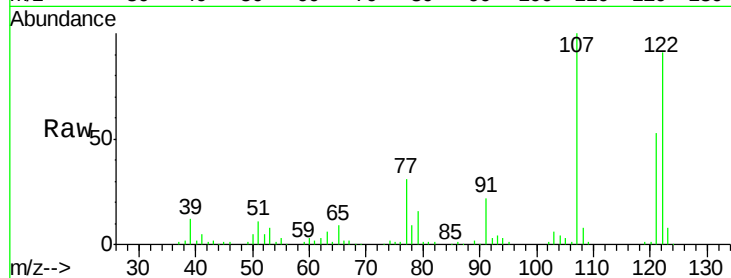
#27
 2,4-Dimethylphenol
 Concen: 19.73 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102696		
107	109.7	86.6	130.0	
121	58.0	47.4	71.0	

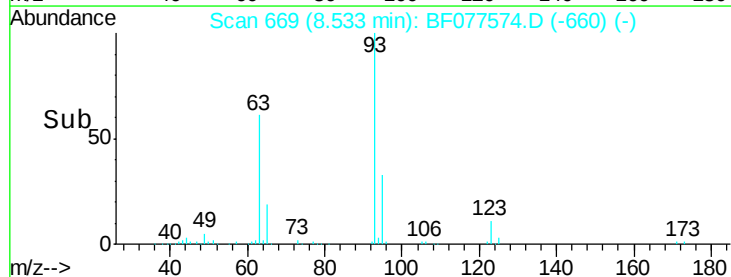
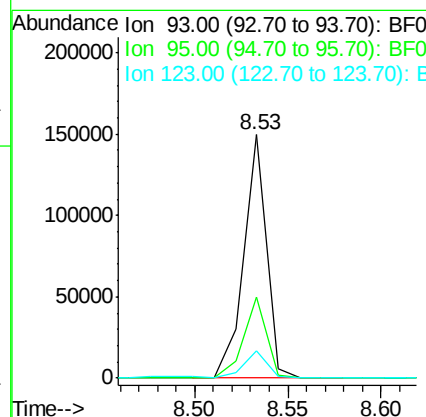
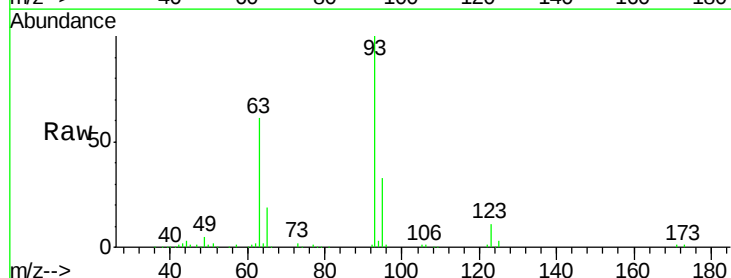
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#28
 bis(2-Chloroethoxy)methane
 Concen: 18.92 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	127940		
95	33.0	26.4	39.6	
123	11.4	8.7	13.1	





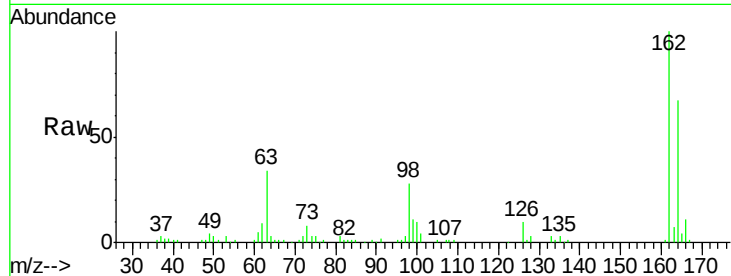
#29
 2,4-Dichlorophenol
 Concen: 19.60 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

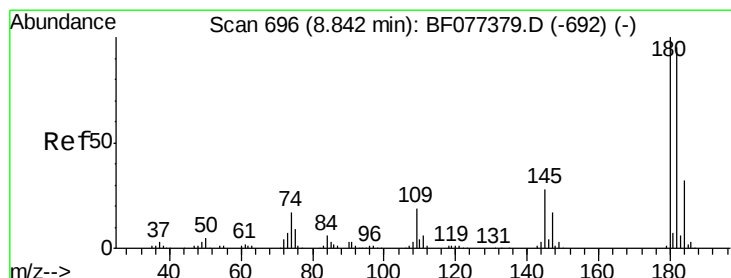
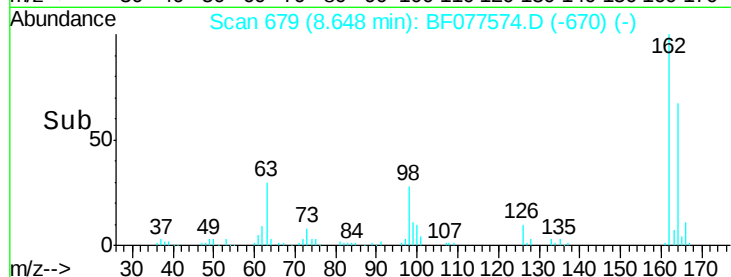
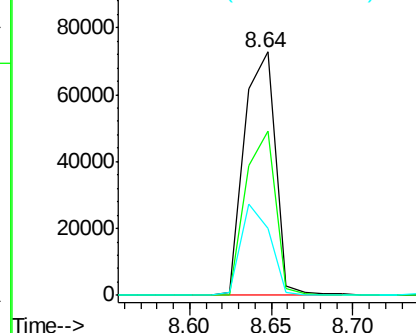
Tgt Ion:	162	Resp:	95757
Ion Ratio	Lower	Upper	
162	100		
164	67.5	46.4	86.4
98	27.5	6.9	46.9

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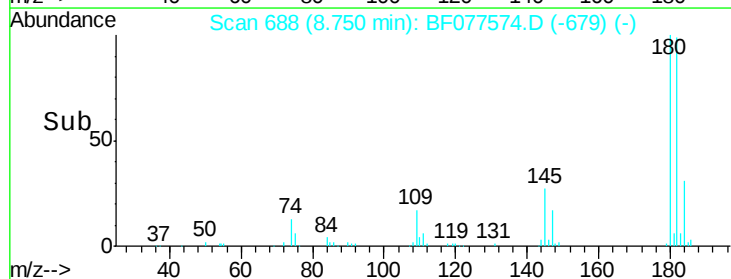
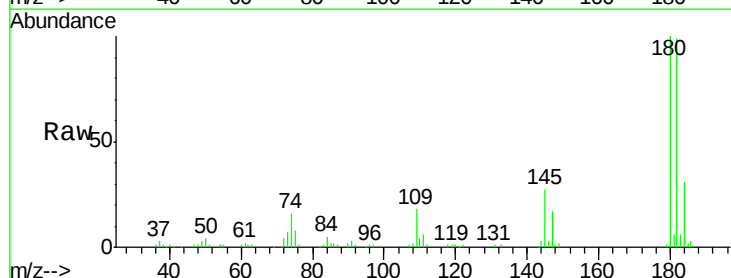
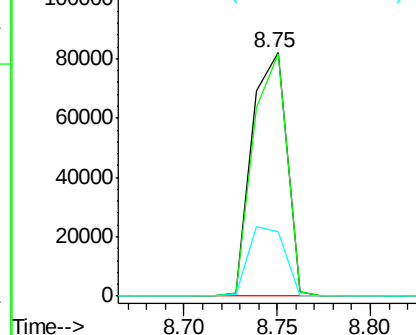
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

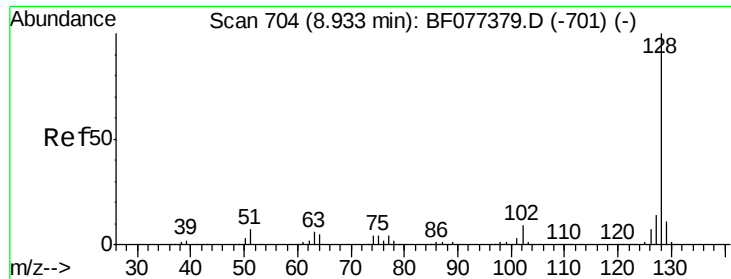


#30
 1,2,4-Trichlorobenzene
 Concen: 19.64 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:	180	Resp:	105503
Ion Ratio	Lower	Upper	
180	100		
182	99.4	76.2	114.4
145	26.7	24.5	36.7

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





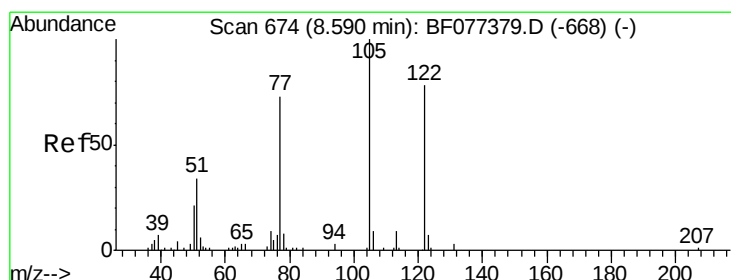
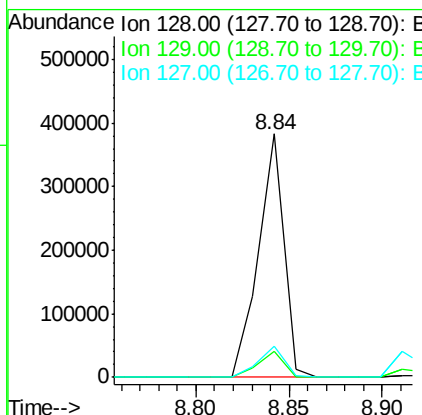
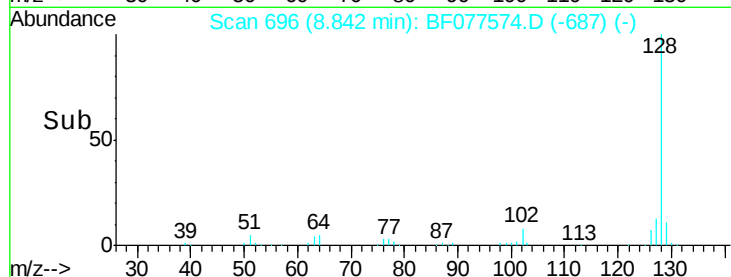
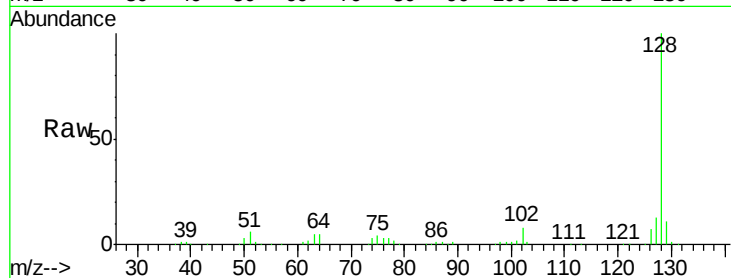
#31
Naphthalene
Concen: 21.42 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	359294		
129	10.6	9.4	14.0	
127	12.9	10.6	15.8	

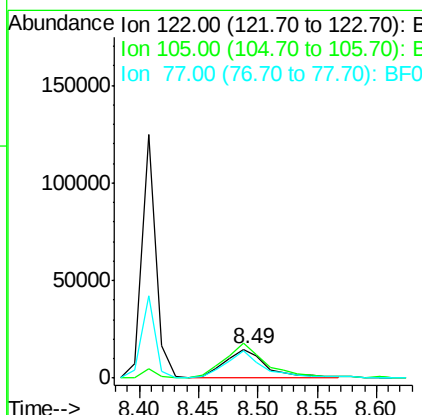
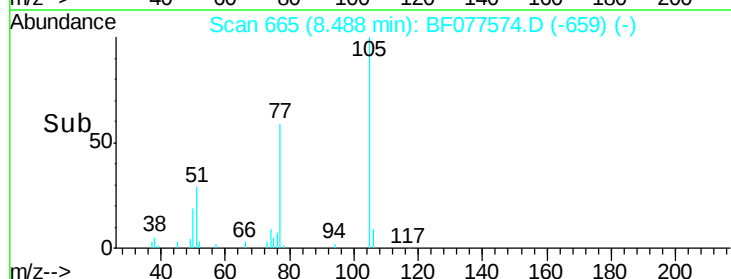
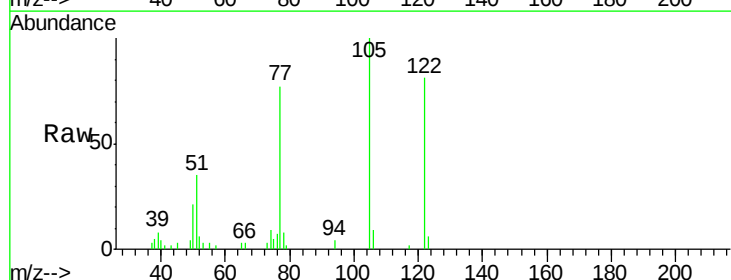
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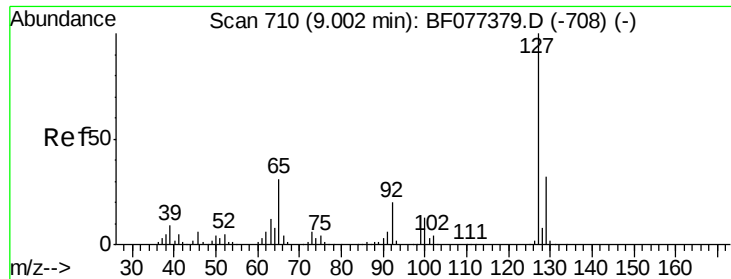
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#32
Benzoic acid
Concen: 13.15 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33268		
105	123.3	100.3	140.3	
77	95.3	68.7	108.7	





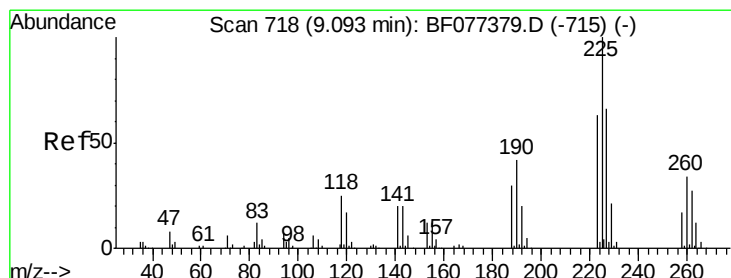
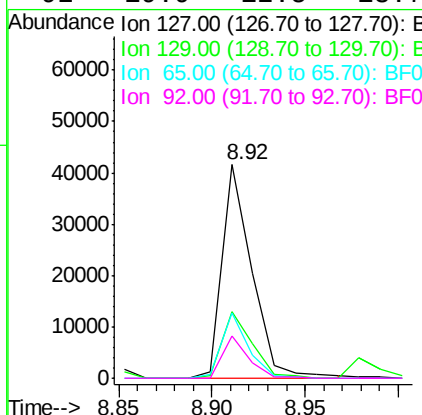
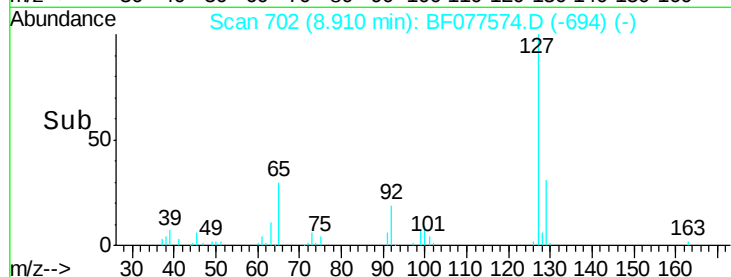
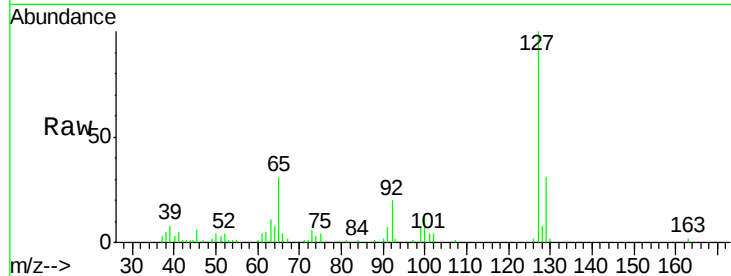
#33
4-Chloroaniline
Concen: 6.25 ng
RT: 8.92 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:	127	Resp:	46634
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.9	40.3
65	30.8	16.7	25.1#
92	19.9	12.5	18.7#

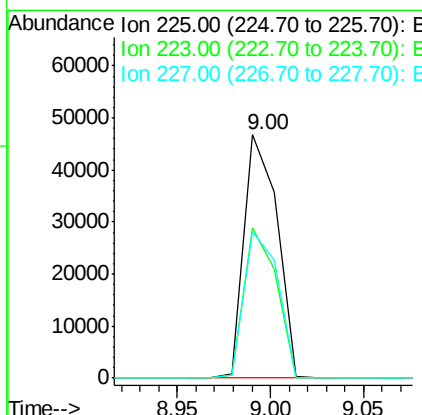
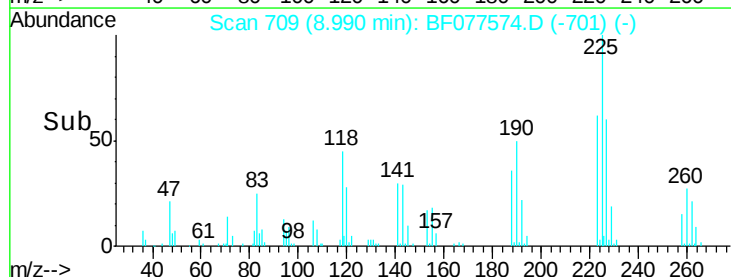
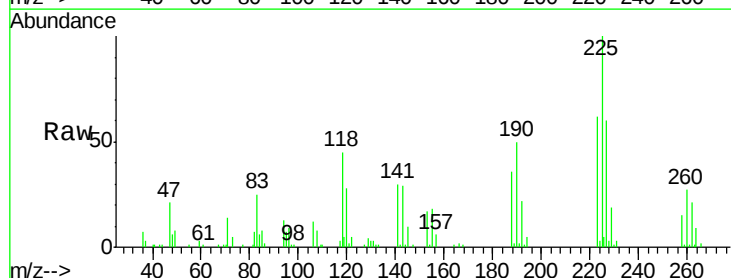
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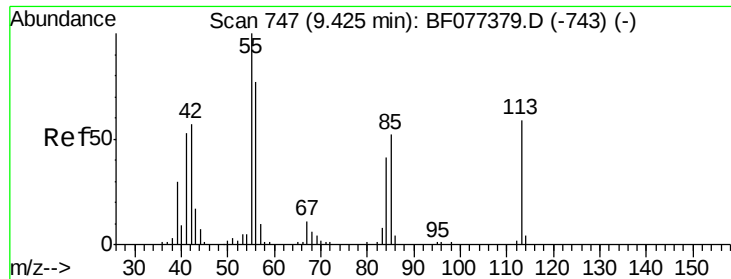
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#34
Hexachlorobutadiene
Concen: 18.74 ng
RT: 9.00 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:	225	Resp:	57472
Ion Ratio	Lower	Upper	
225	100		
223	61.5	49.5	74.3
227	60.2	50.5	75.7





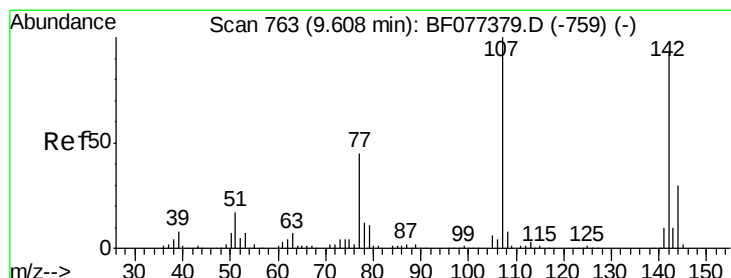
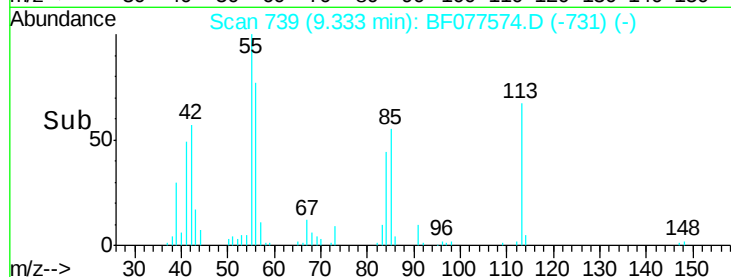
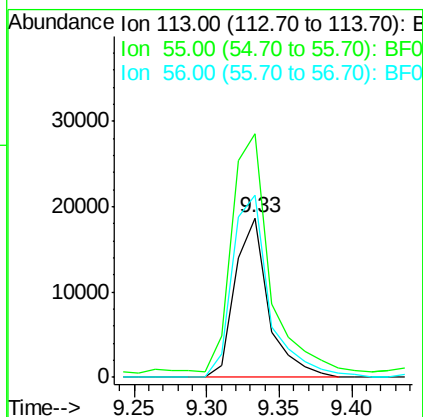
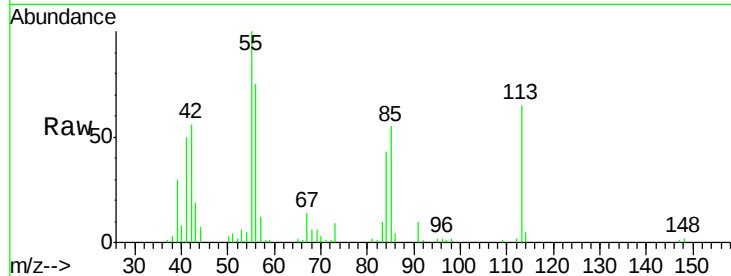
#35
 Caprolactam
 Concen: 20.07 ng
 RT: 9.33 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion:113 Resp: 29942
 Ion Ratio Lower Upper
 113 100
 55 152.7 154.6 194.6#
 56 114.2 114.0 154.0

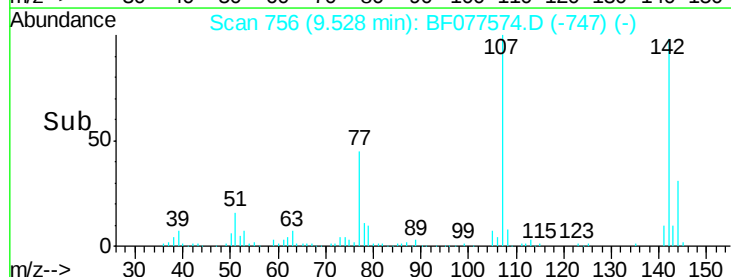
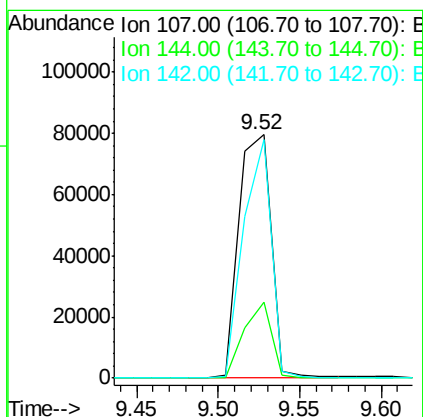
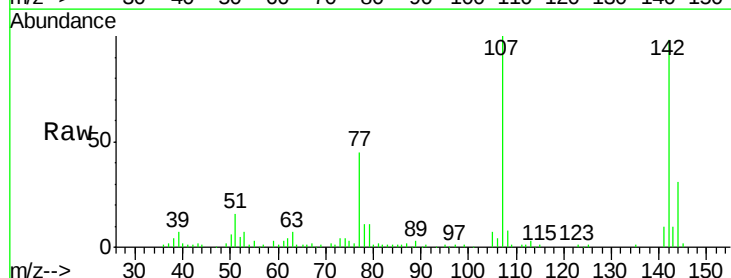
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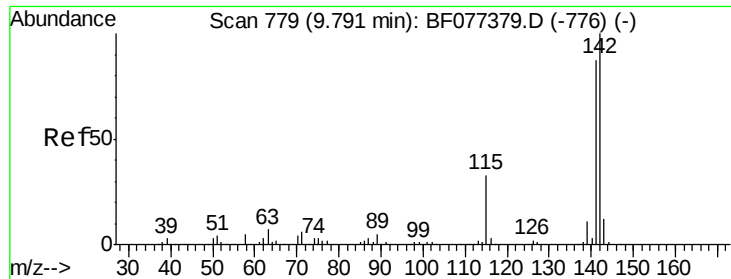
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#36
 4-Chloro-3-methylphenol
 Concen: 22.13 ng
 RT: 9.52 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:107 Resp: 108701
 Ion Ratio Lower Upper
 107 100
 144 31.0 21.1 31.7
 142 98.1 65.3 97.9#





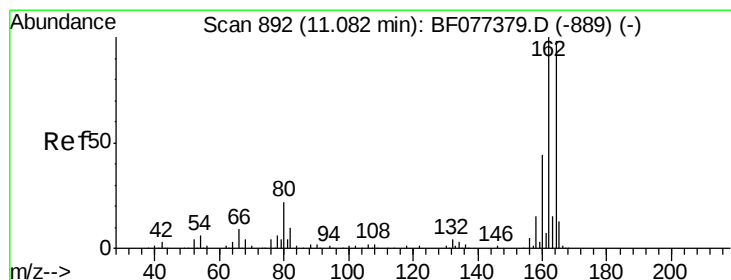
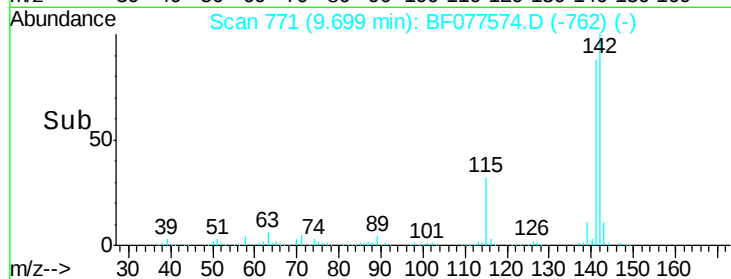
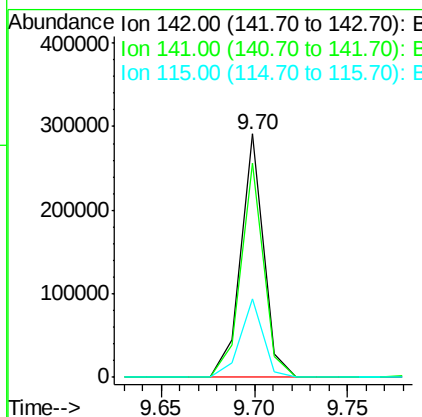
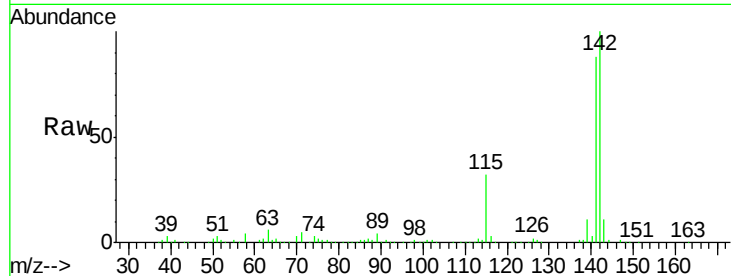
#37
2-Methylnaphthalene
Concen: 21.04 ng
RT: 9.70 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	250622		
141	88.2	70.7	106.1	
115	32.1	24.2	36.4	

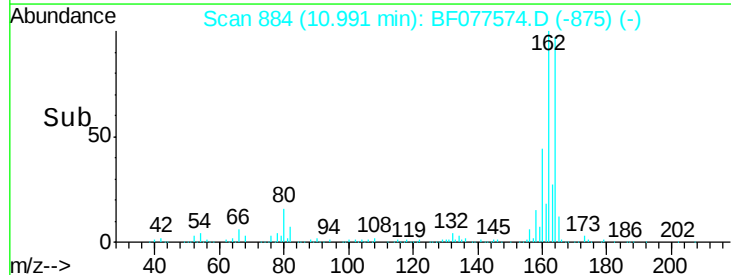
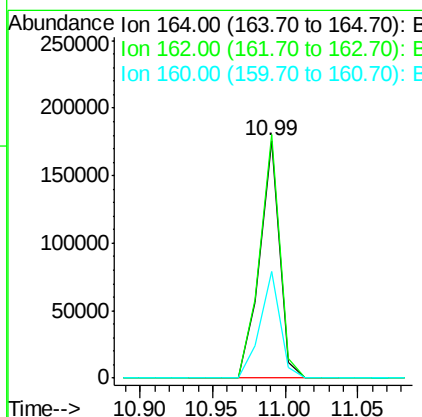
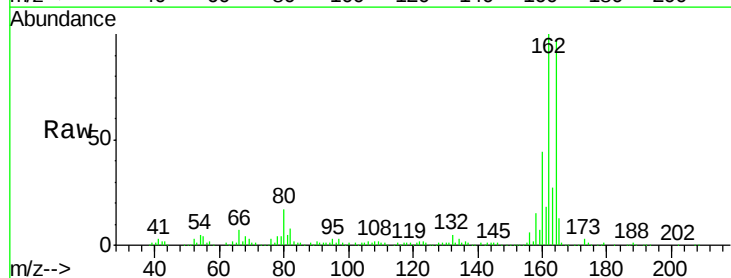
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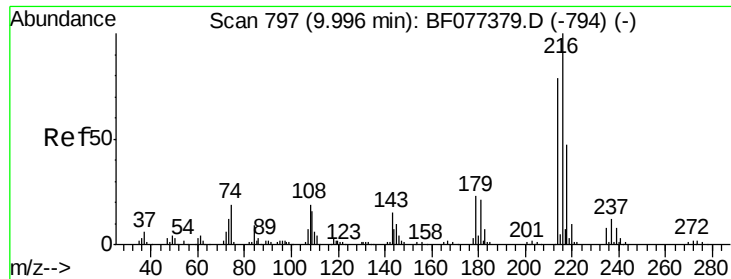
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168223		
162	102.6	83.2	124.8	
160	44.8	34.6	52.0	





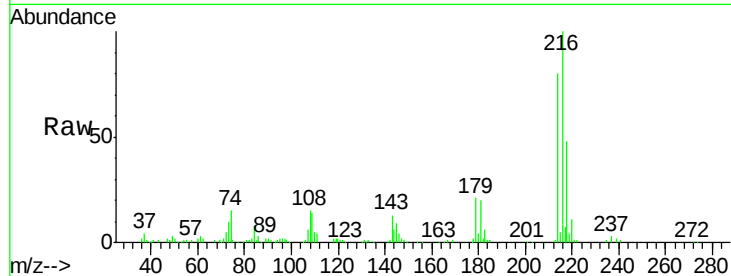
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.46 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

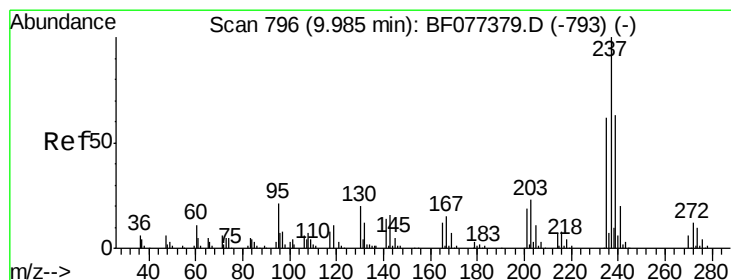
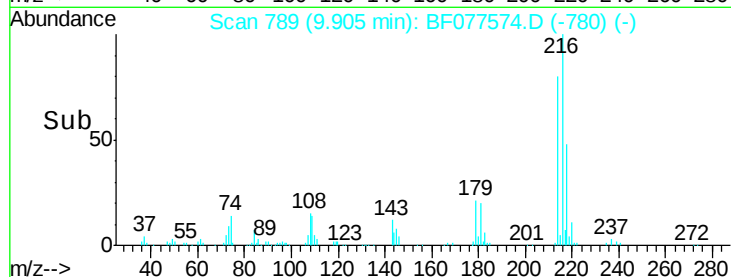
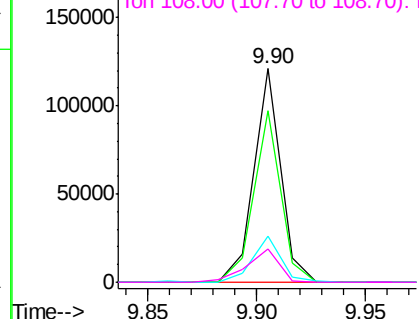
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.5	63.4	95.0
179	22.7	16.6	25.0
108	18.7	14.2	21.4

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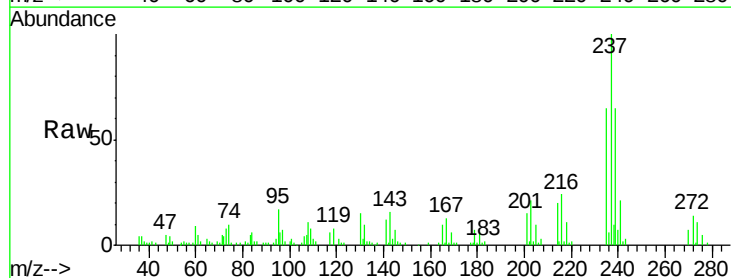


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

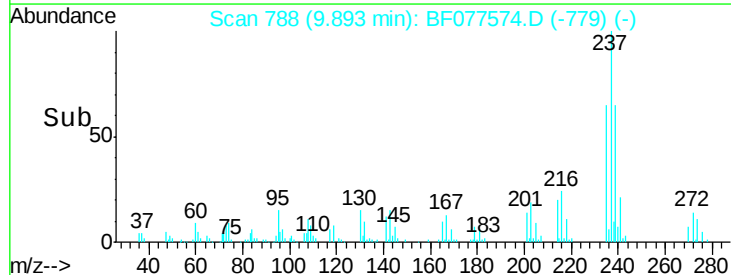
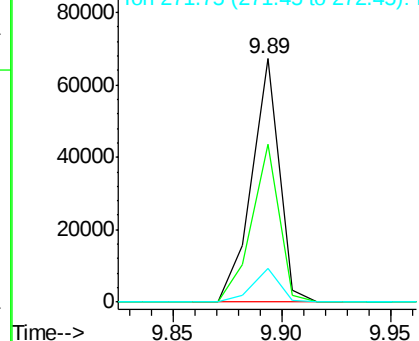


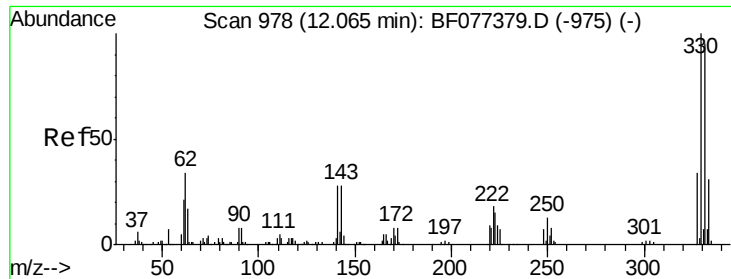
#40
 Hexachlorocyclopentadiene
 Concen: 22.82 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	41.0	81.0
272	14.1	0.0	34.3



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





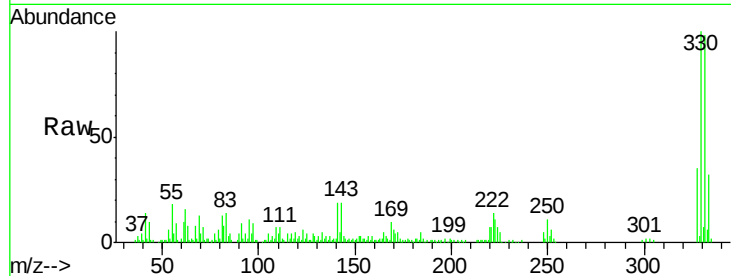
#41
 2,4,6-Tribromophenol
 Concen: 66.29 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

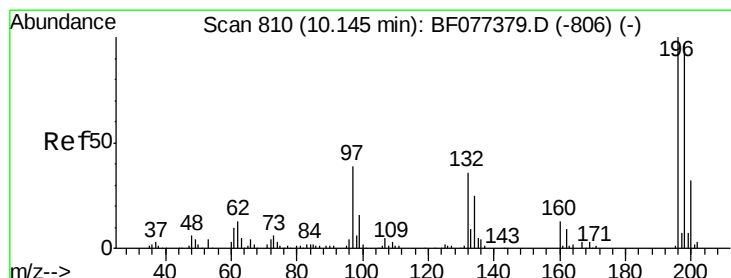
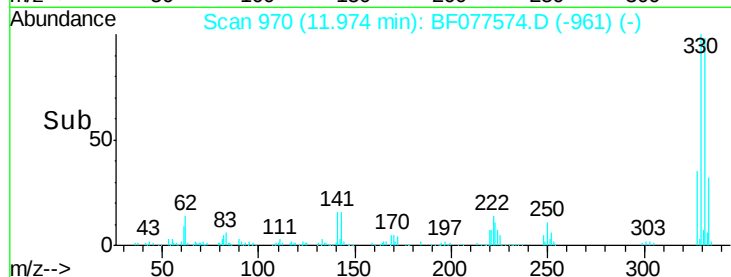
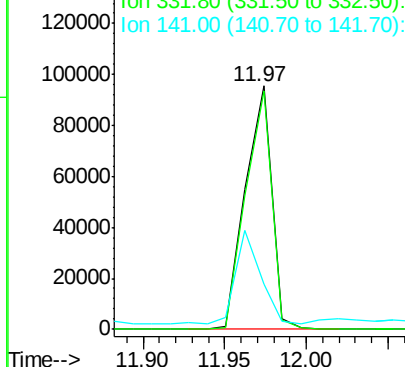
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	107376		
332	97.2	77.4	116.2	
141	37.2	28.8	43.2	

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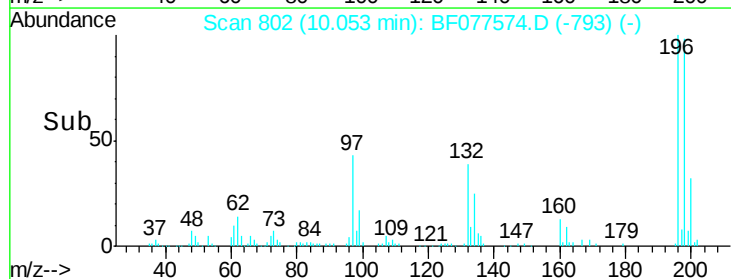
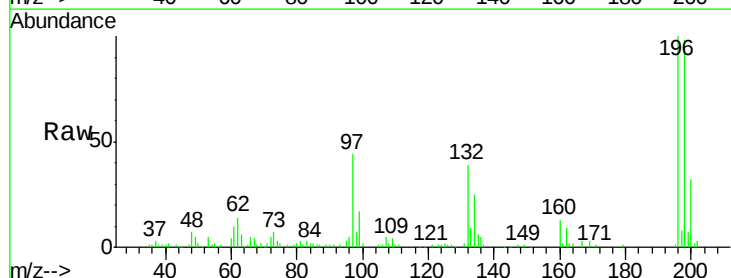
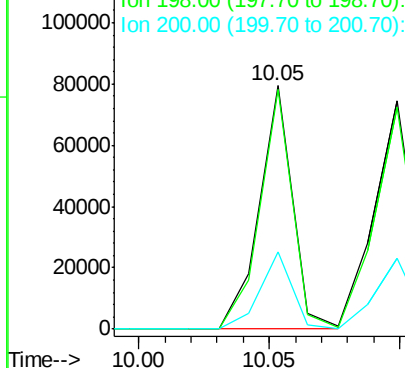
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 22.21 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71009		
198	98.3	75.8	113.8	
200	31.6	24.2	36.4	

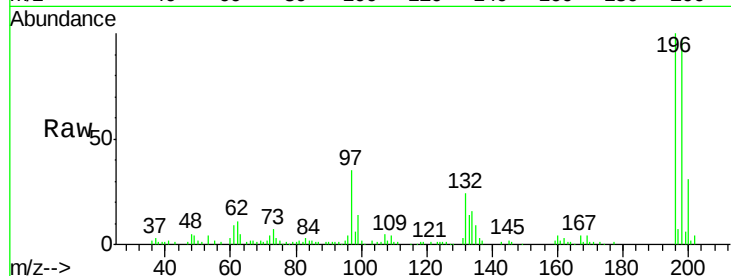
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 21.83 ng
 RT: 10.10 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

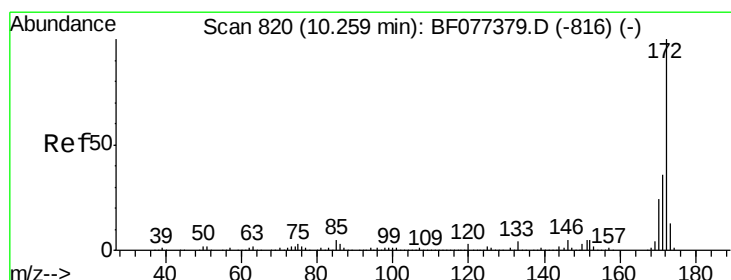
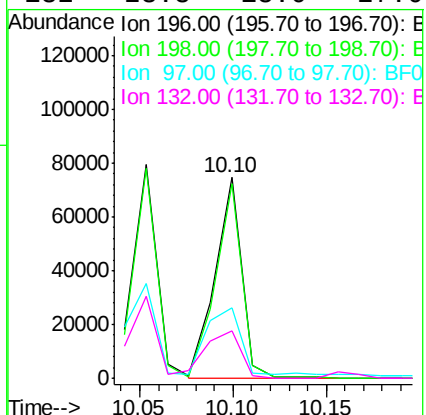
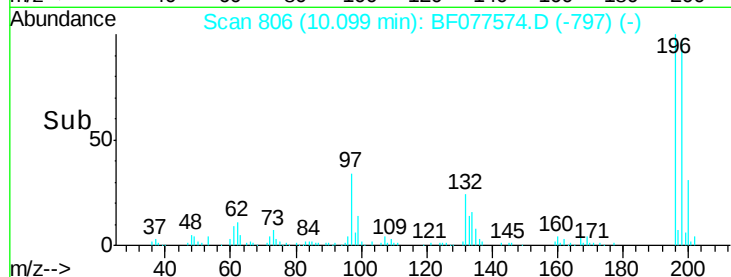
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD



Tgt Ion:	196	Resp:	74627
Ion Ratio	Lower	Upper	
196	100		
198	97.0	77.2	115.8
97	35.0	27.7	41.5
132	23.8	18.0	27.0

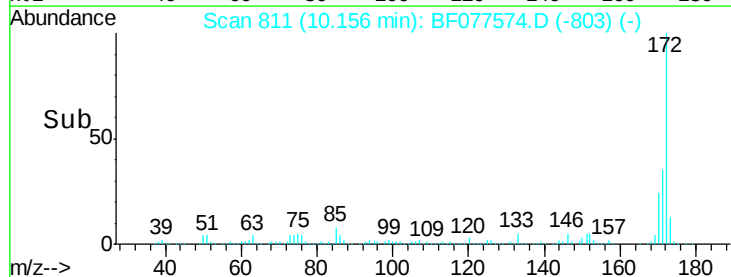
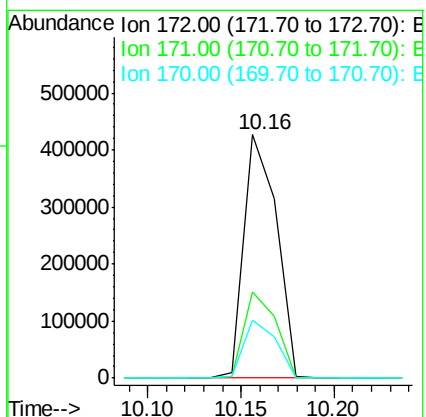
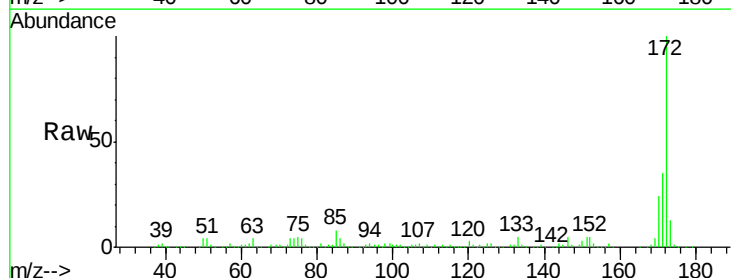
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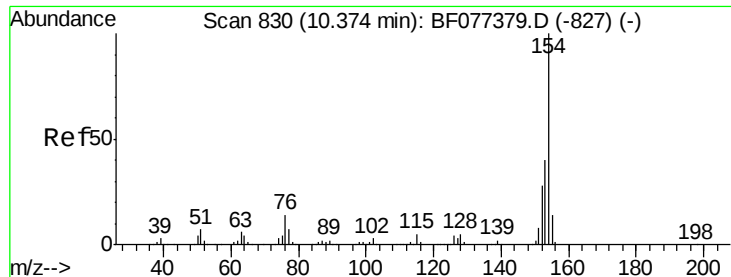
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 47.86 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:	172	Resp:	516327
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.9	43.3
170	23.6	19.4	29.2





#45

1,1'-Biphenyl

Concen: 22.05 ng

RT: 10.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

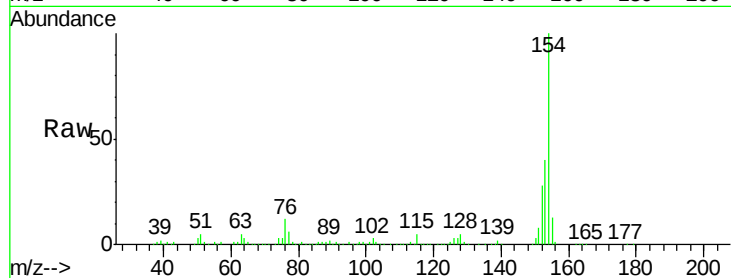
ClientSampleId :

VMA-2MSD

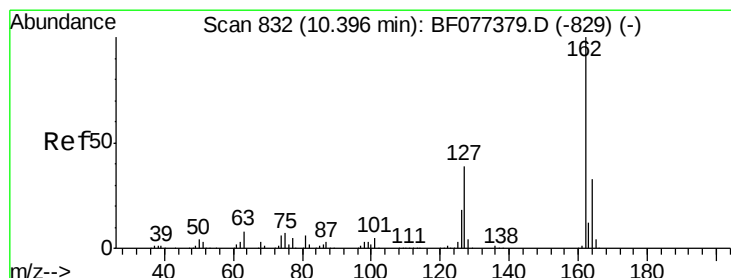
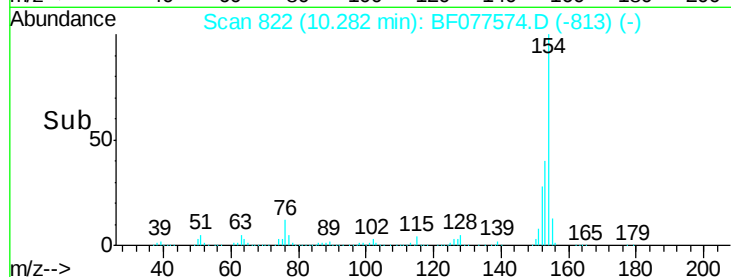
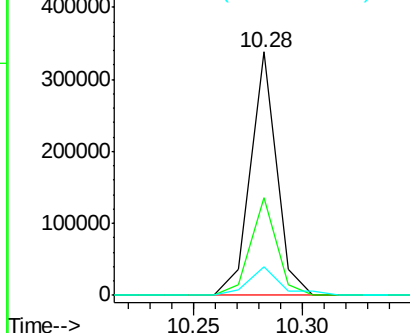
Tgt Ion:	154	Resp:	281063
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.2	60.2
76	11.6	0.0	29.4

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



#46

2-Chloronaphthalene

Concen: 23.21 ng

RT: 10.30 min Scan# 824

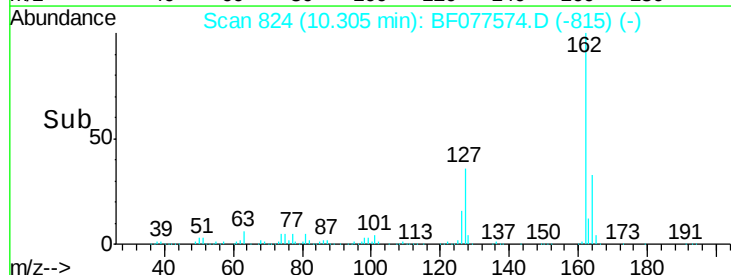
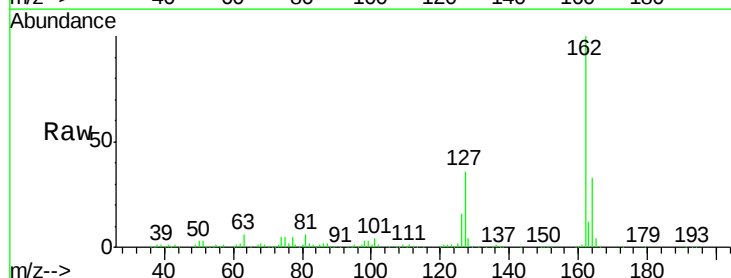
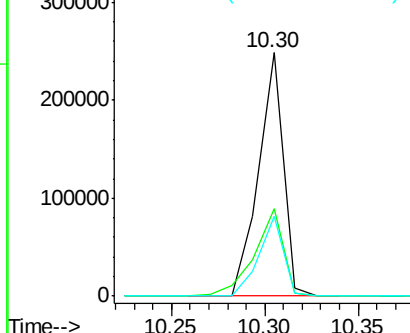
Delta R.T. -0.00 min

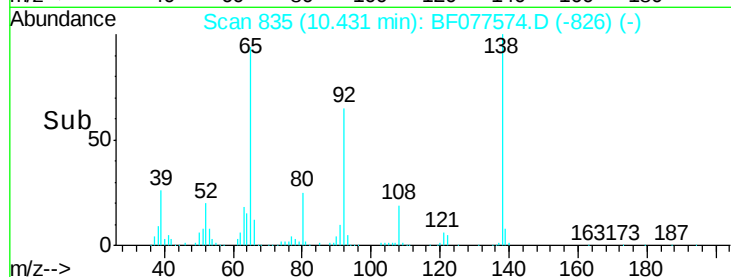
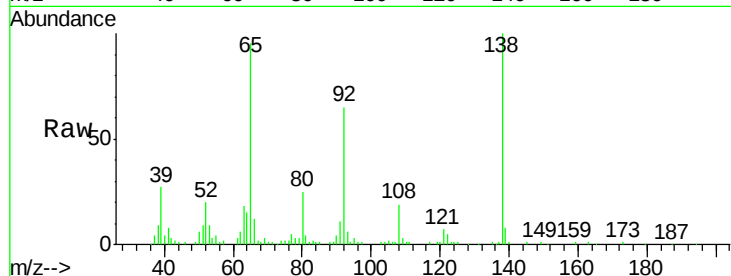
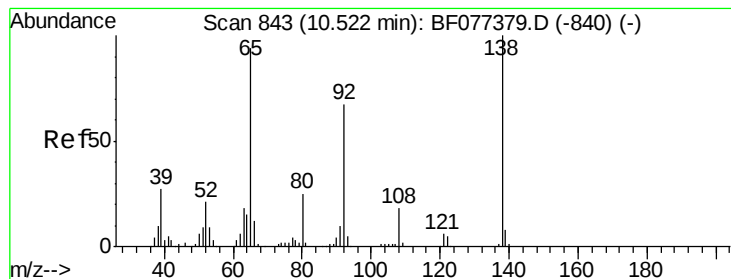
Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	162	Resp:	231971
Ion Ratio	Lower	Upper	
162	100		
127	36.1	33.3	49.9
164	32.8	26.2	39.4

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





#47

2-Nitroaniline

Concen: 25.72 ng

RT: 10.43 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	65	Resp:	63284
Ion Ratio	Lower	Upper	
65	100		
92	69.1	52.4	78.6
138	105.6	73.4	110.0

Instrument :

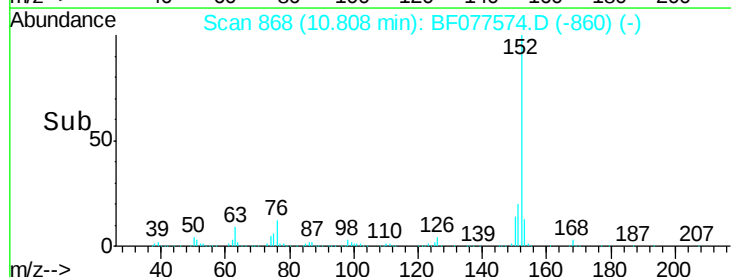
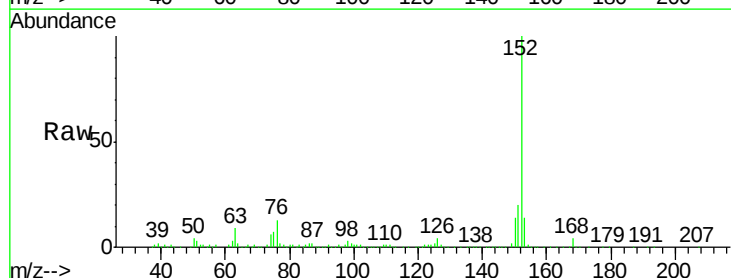
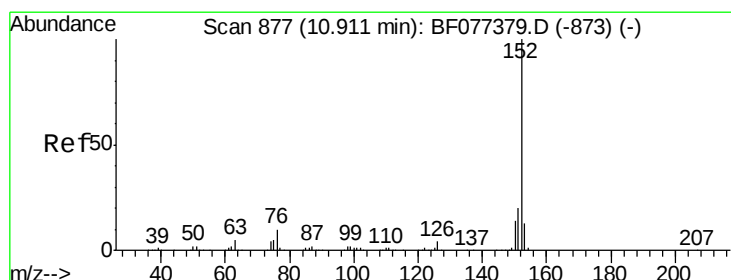
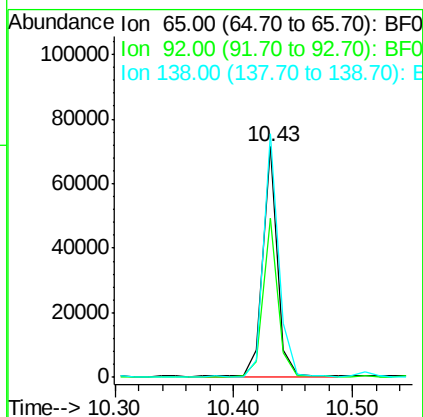
BNA_F

ClientSampleId :

VMA-2MSD

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#48

Acenaphthylene

Concen: 23.13 ng

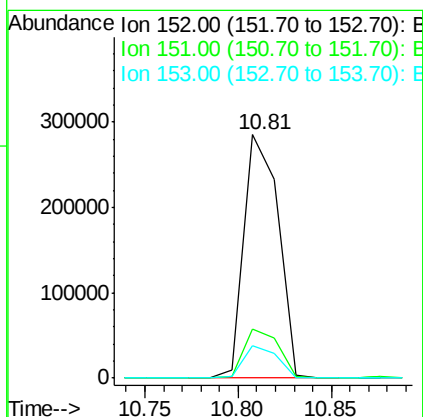
RT: 10.81 min Scan# 868

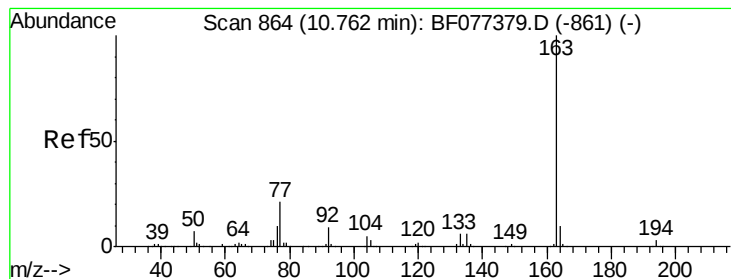
Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	152	Resp:	365925
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.1	24.1
153	13.6	10.9	16.3





#49

Dimethylphthalate

Concen: 22.98 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

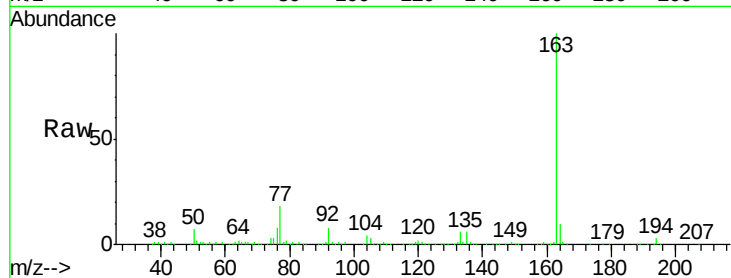
ClientSampleId :

VMA-2MSD

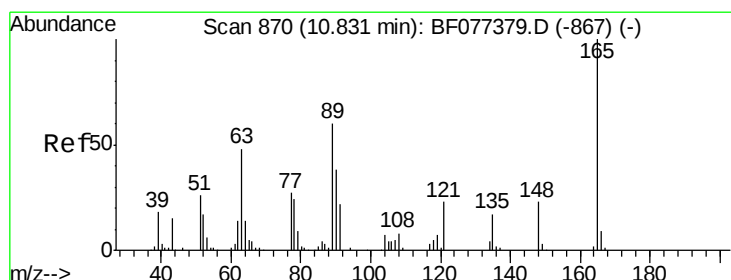
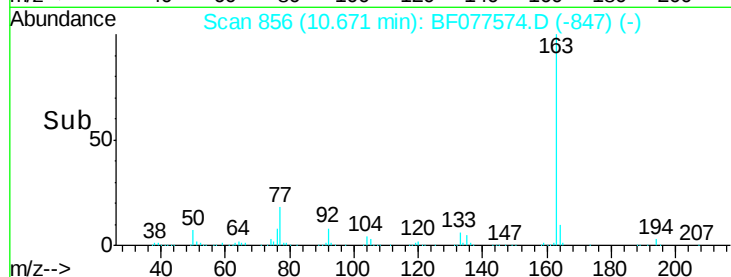
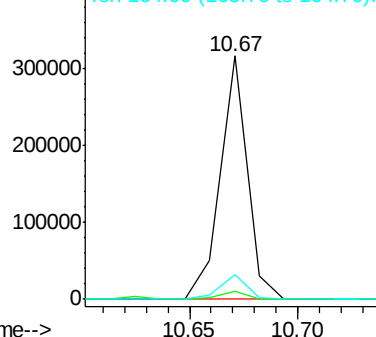
Tgt Ion:	163	Resp:	271733
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.0	8.6	13.0

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



#50

2,6-Dinitrotoluene

Concen: 23.86 ng

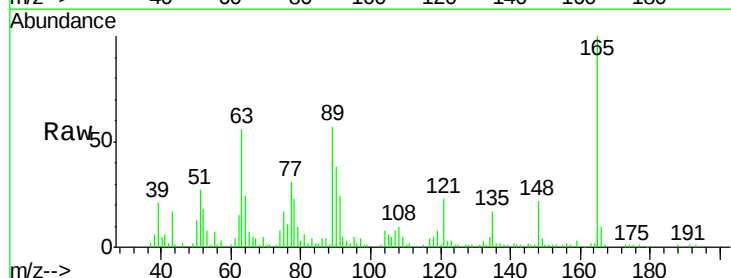
RT: 10.74 min Scan# 862

Delta R.T. -0.00 min

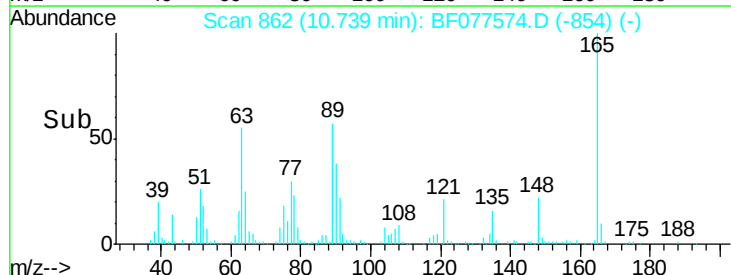
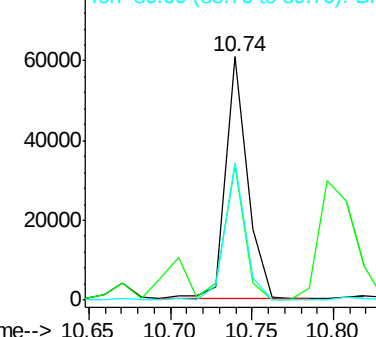
Lab File: BF077574.D

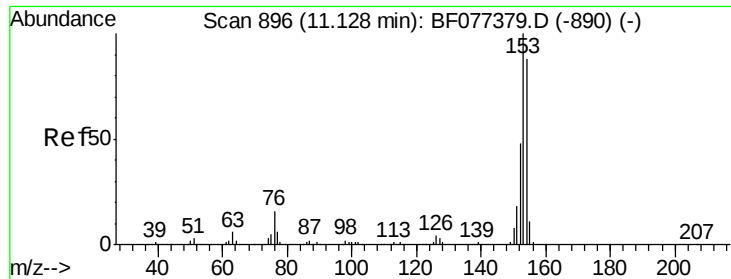
Acq: 4 Mar 2015 5:45

Tgt Ion:	165	Resp:	56570
Ion Ratio	Lower	Upper	
165	100		
63	55.5	25.2	37.8#
89	56.6	30.5	45.7#



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





#51

Acenaphthene

Concen: 20.94 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

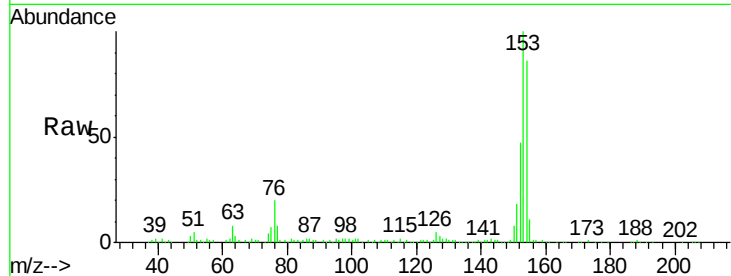
ClientSampleId :

VMA-2MSD

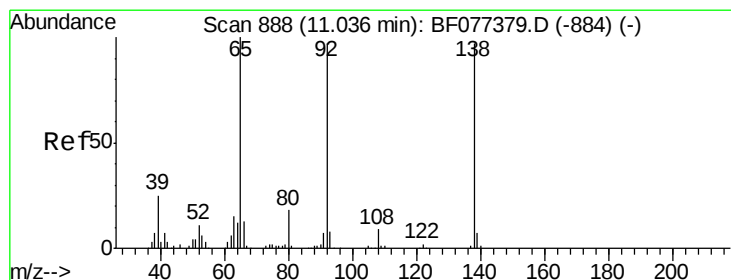
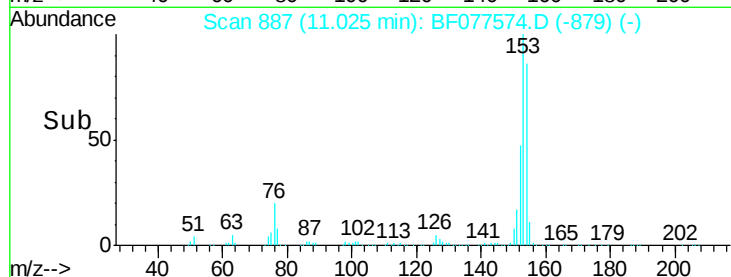
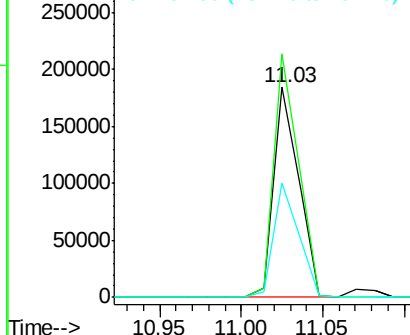
Tgt Ion:	154	Resp:	197719
Ion Ratio	Lower	Upper	
154	100		
153	116.0	90.5	135.7
152	54.6	43.5	65.3

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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: 18.91 ng

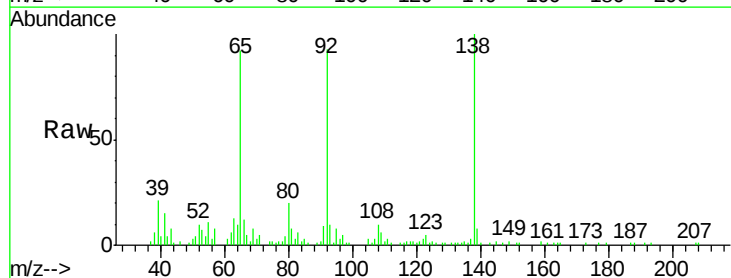
RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

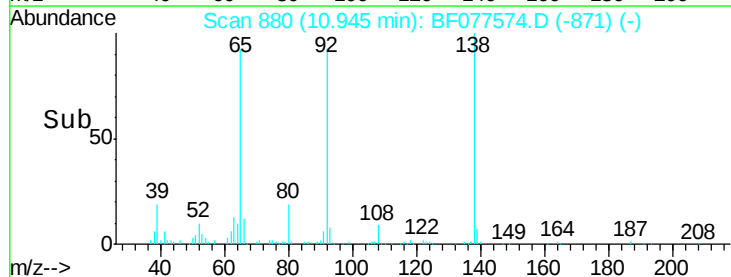
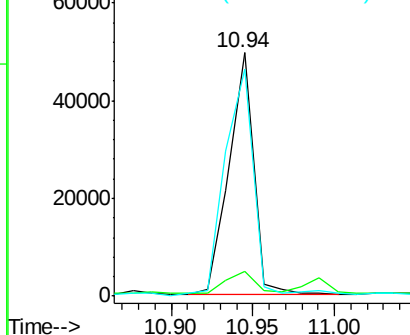
Lab File: BF077574.D

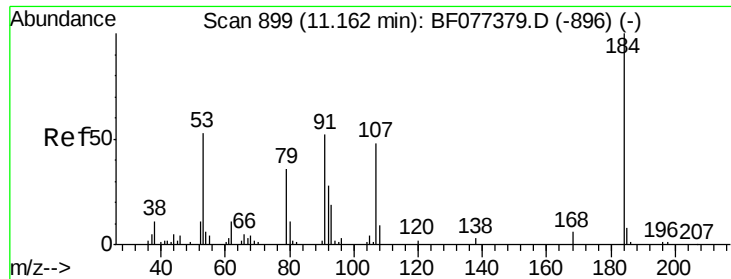
Acq: 4 Mar 2015 5:45

Tgt Ion:	138	Resp:	51699
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.8
92	93.2	90.6	135.8



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





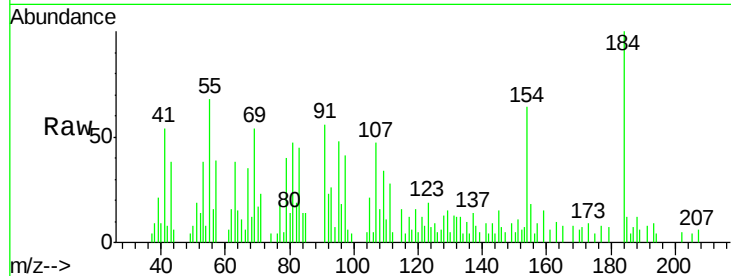
#53
2,4-Dinitrophenol
Concen: 19.39 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

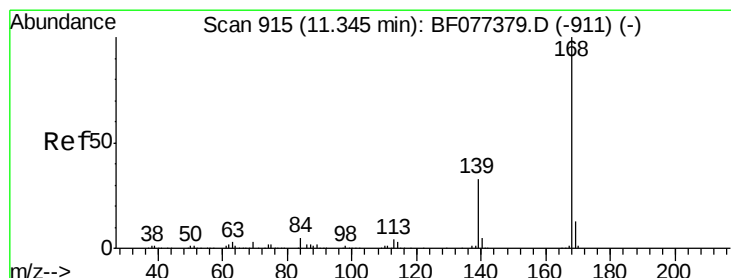
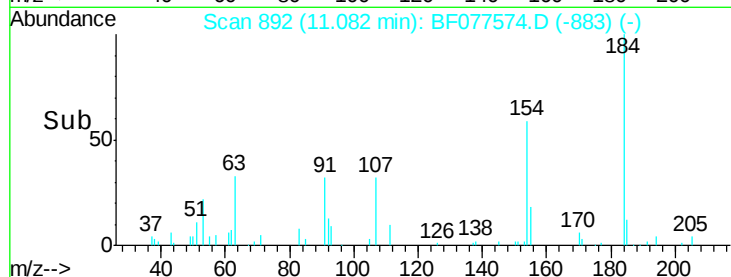
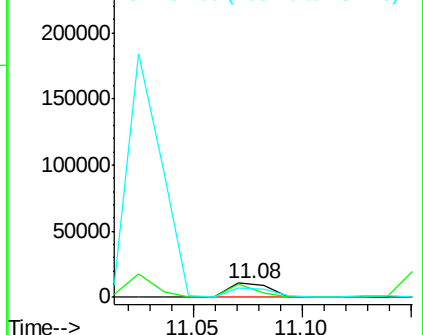
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	13994		
63	38.3	29.5	44.3	
154	63.6	43.2	64.8	

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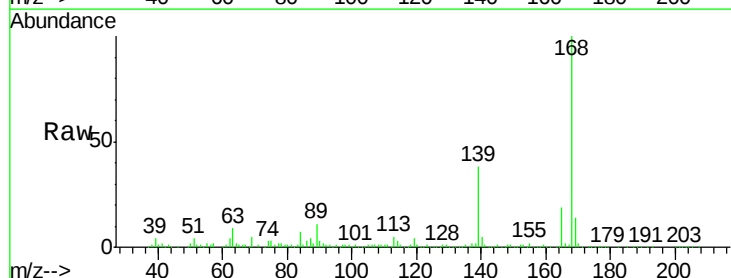


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

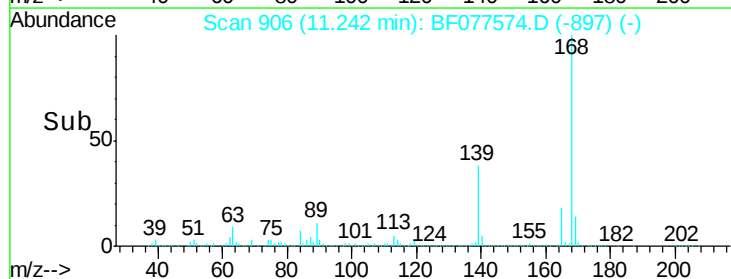
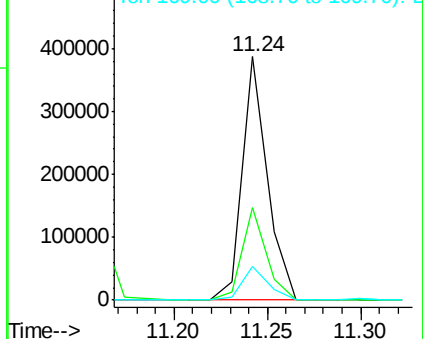


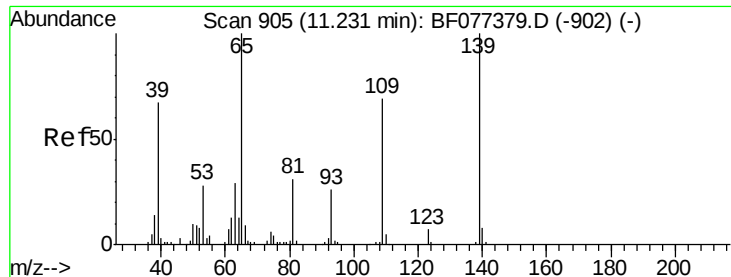
#54
Dibenzofuran
Concen: 24.74 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	360711		
139	38.0	29.3	43.9	
169	13.9	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





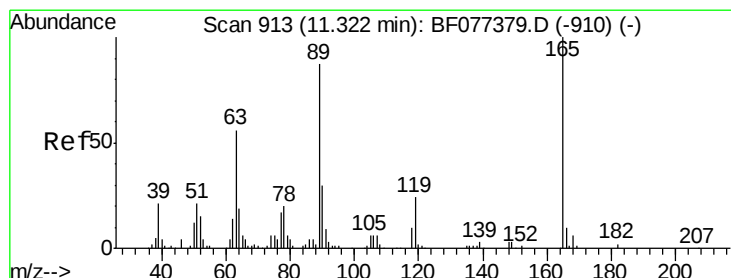
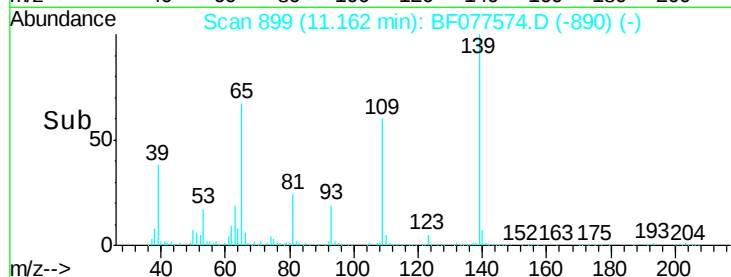
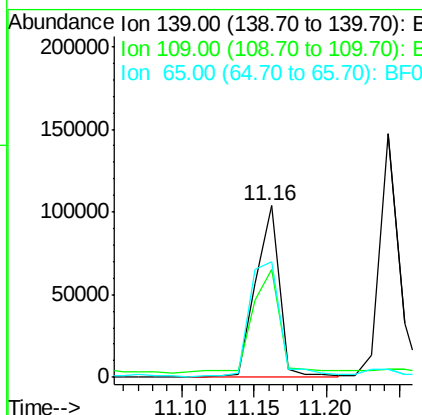
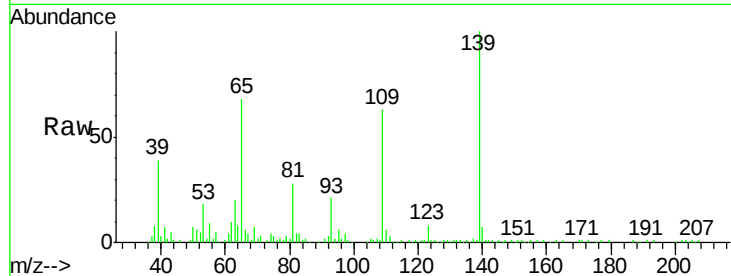
#55
4-Nitrophenol
Concen: 53.04 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	116641		
109	63.2	36.2	76.2	
65	67.6	40.3	80.3	

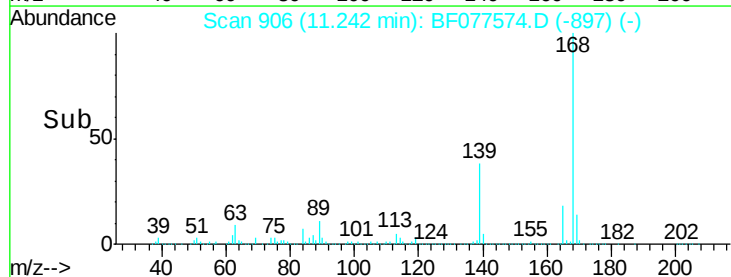
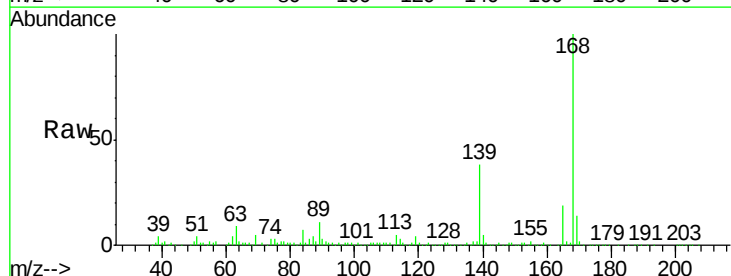
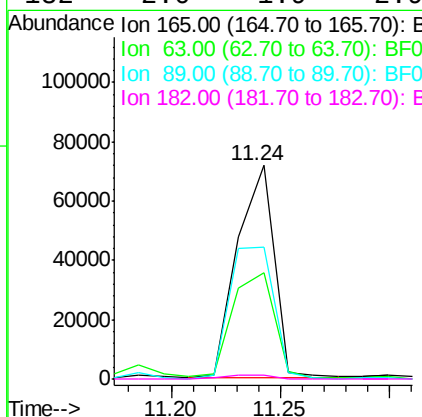
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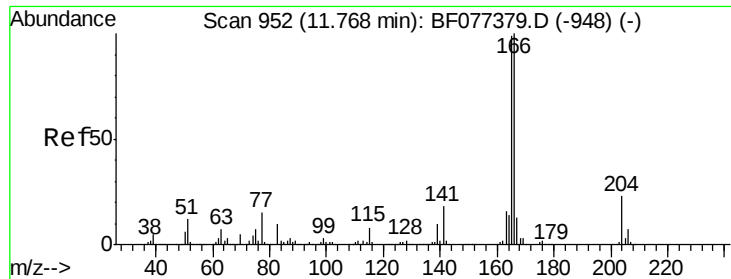
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#56
2,4-Dinitrotoluene
Concen: 26.11 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	83678		
63	49.6	29.8	44.8#	
89	61.7	48.5	72.7	
182	2.0	1.9	2.9	





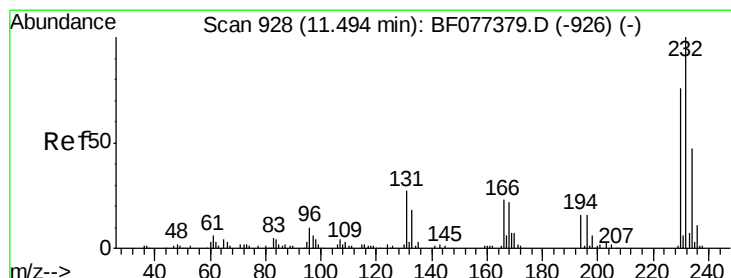
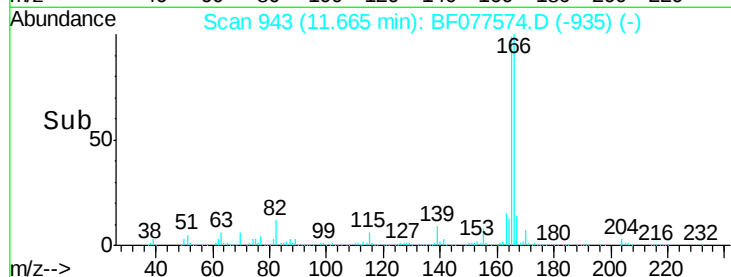
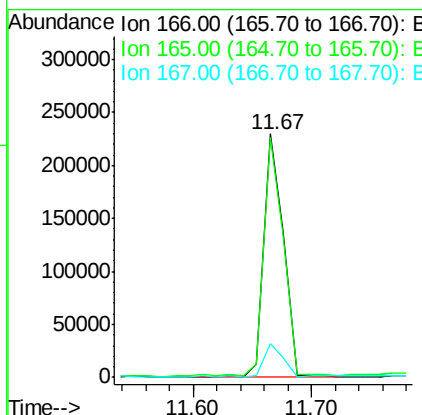
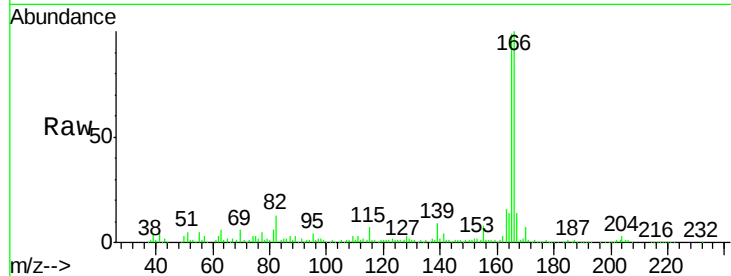
#57
Fluorene
 Concen: 22.47 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	261959		
165	98.7		77.6	116.4
167	13.9		10.6	16.0

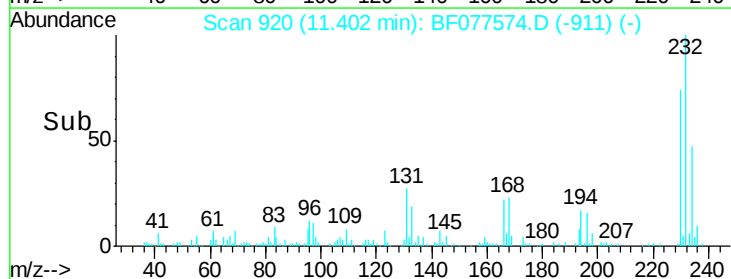
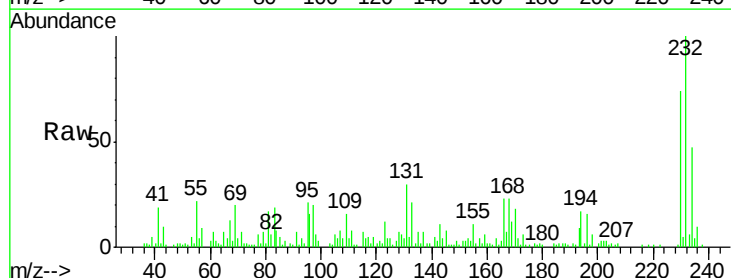
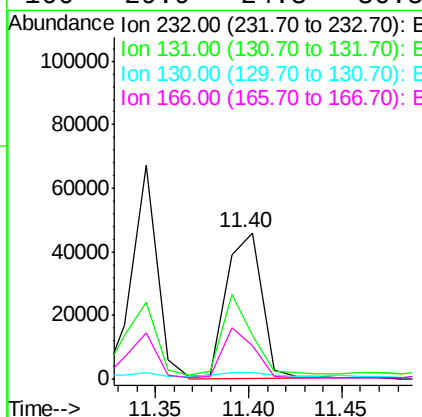
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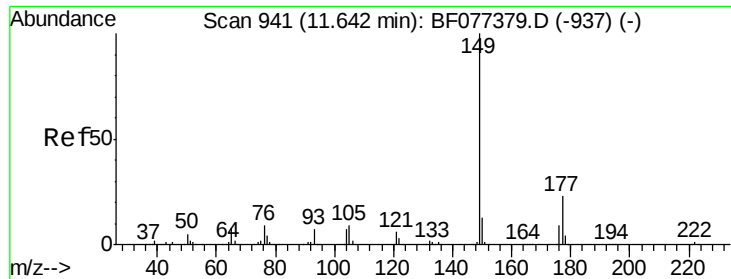
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 22.26 ng
 RT: 11.40 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61172		
131	45.9		34.2	51.2
130	3.9		1.8	2.6
166	29.9		24.3	36.5





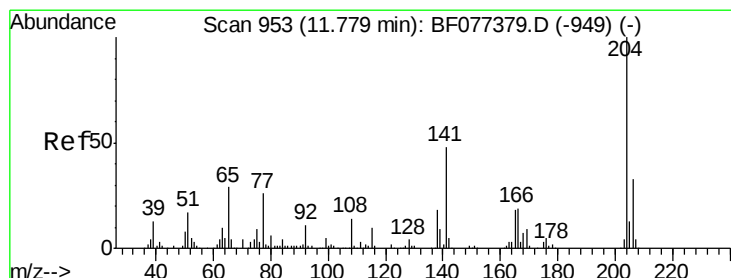
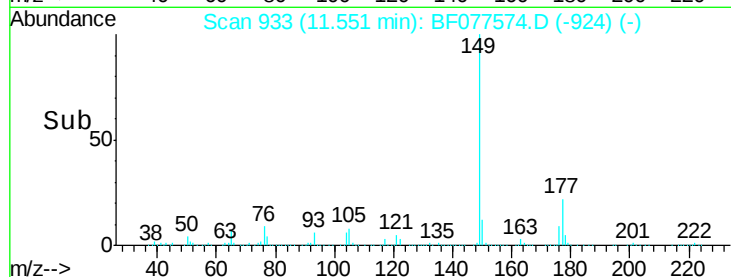
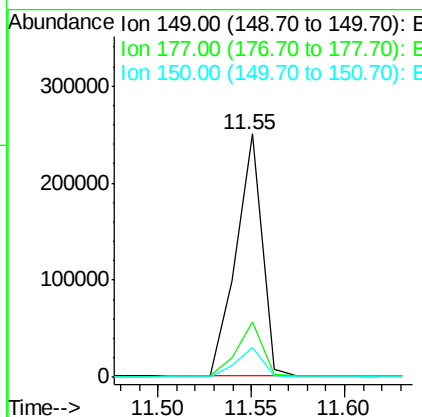
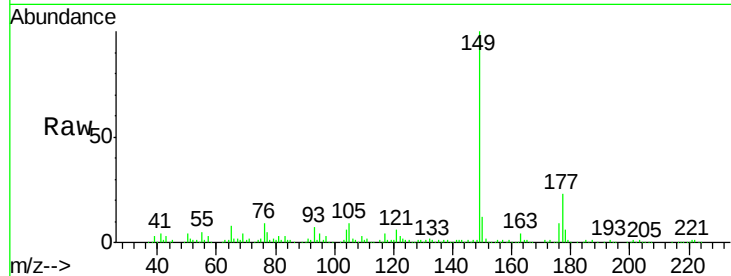
#59
Diethylphthalate
Concen: 20.96 ng
RT: 11.55 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	244397		
177	22.9	17.2	25.8	
150	12.2	10.5	15.7	

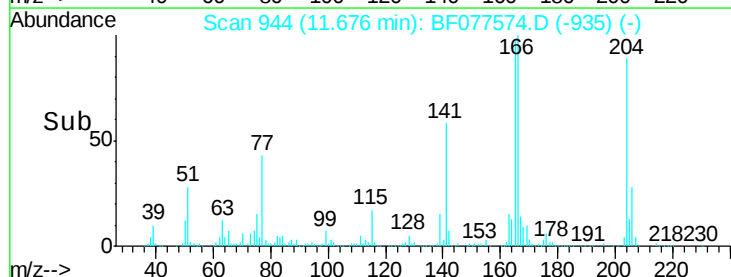
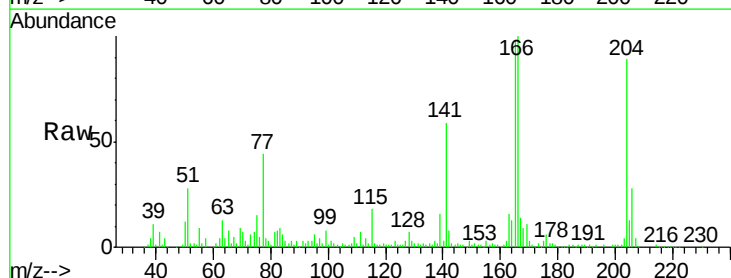
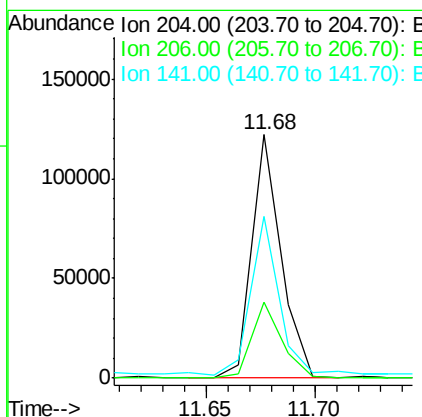
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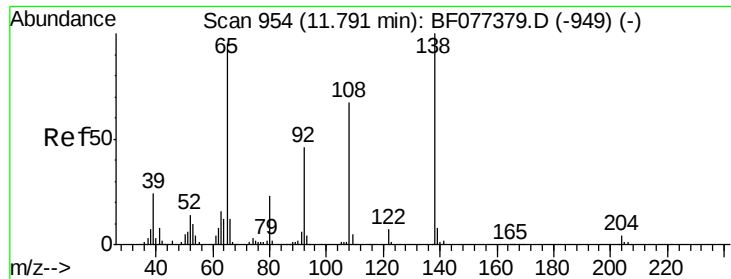
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 20.38 ng
RT: 11.68 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	114479		
206	31.4	25.9	38.9	
141	66.6	43.6	65.4	





#61

4-Nitroaniline

Concen: 21.87 ng

RT: 11.69 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

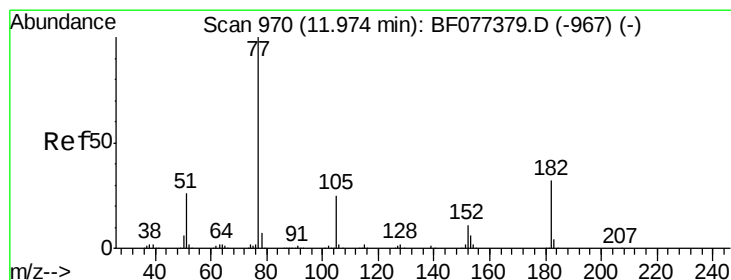
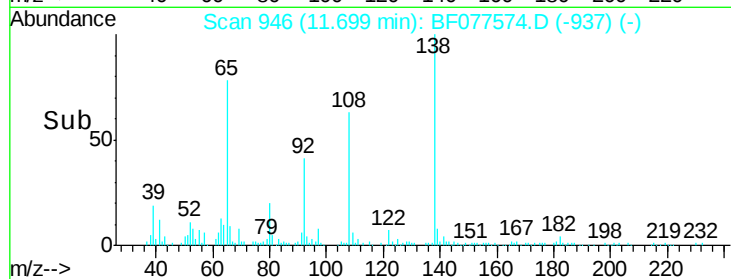
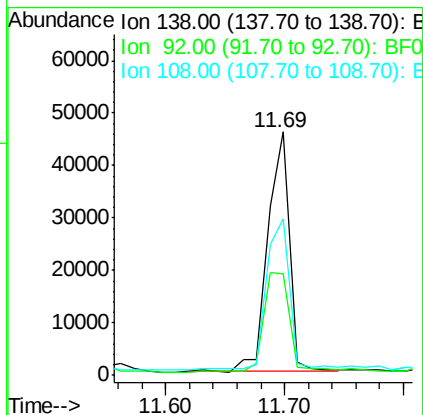
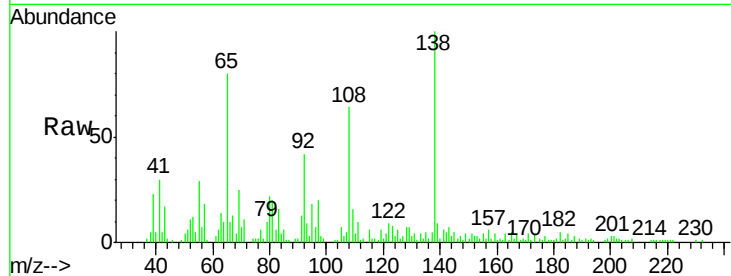
ClientSampleId :

VMA-2MSD

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Tgt Ion:	138	Resp:	57303
Ion	Ratio	Lower	Upper
138	100		
92	41.5	32.8	72.8
108	64.4	52.1	92.1



#62

Azobenzene

Concen: 21.73 ng

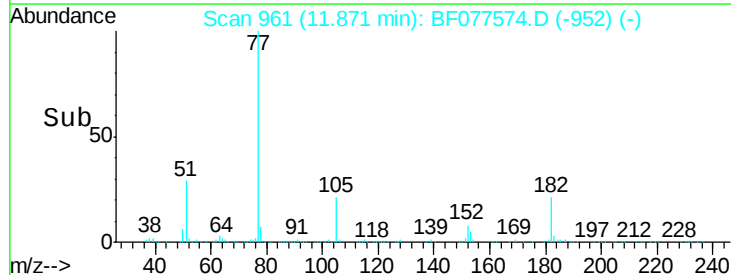
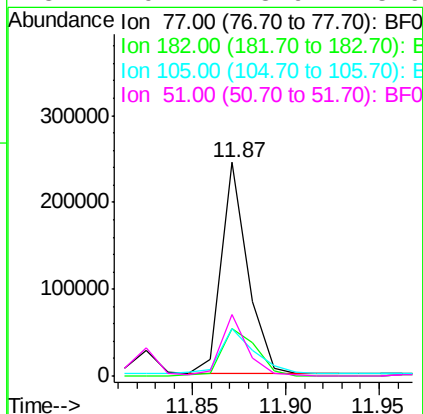
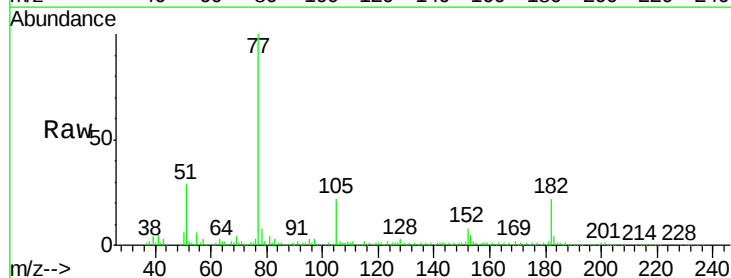
RT: 11.87 min Scan# 961

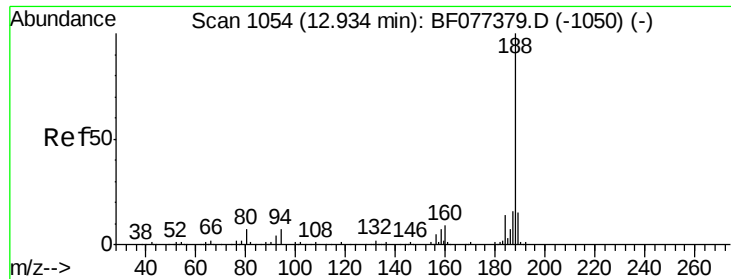
Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	77	Resp:	240389
Ion	Ratio	Lower	Upper
77	100		
182	22.3	4.9	44.9
105	21.9	3.3	43.3
51	29.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.83 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

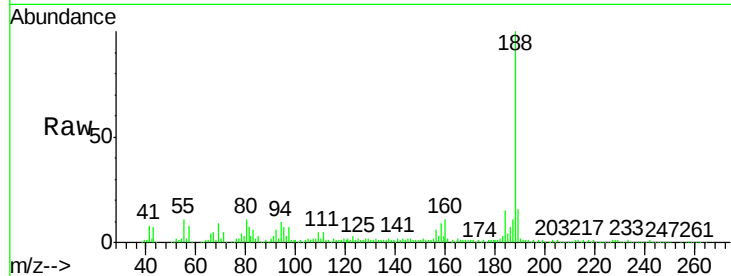
ClientSampleId :

VMA-2MSD

Tgt Ion:	188	Resp:	323461
Ion Ratio	Lower	Upper	
188	100		
94	10.1	7.4	11.2
80	11.2	8.0	12.0

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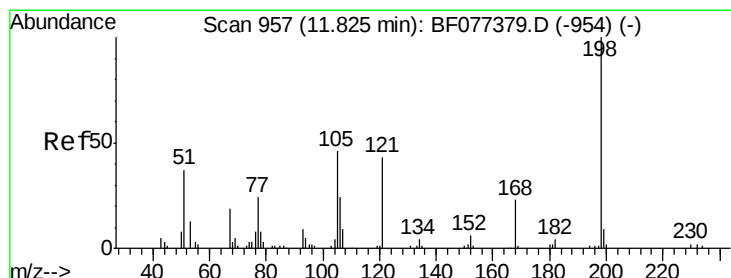
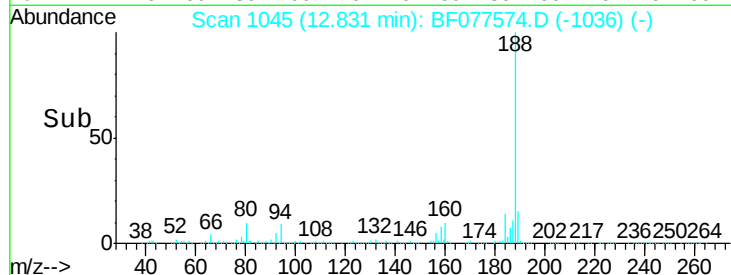
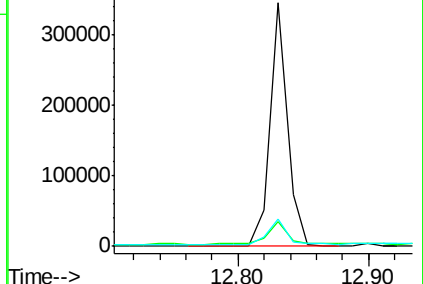
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.12 ng

RT: 11.74 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF077574.D

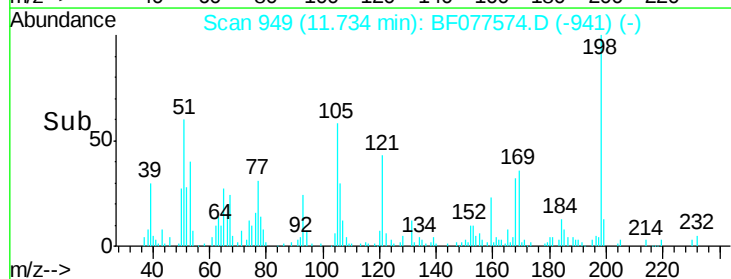
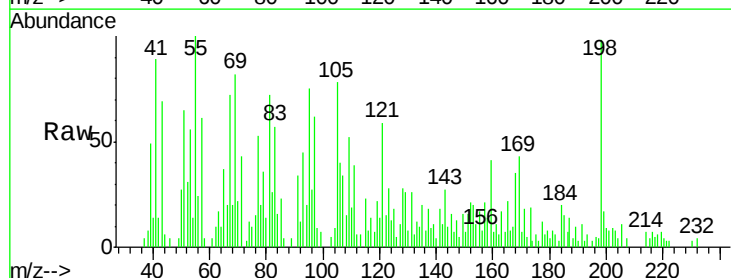
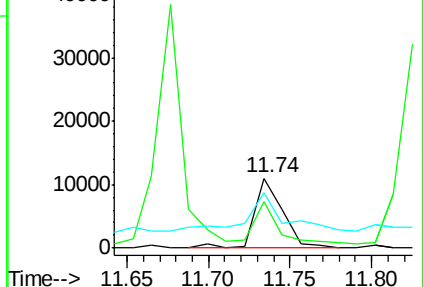
Acq: 4 Mar 2015 5:45

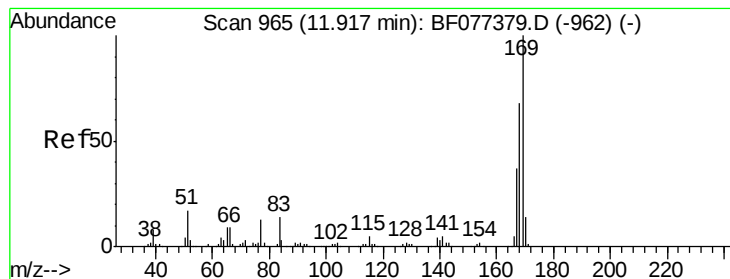
Tgt Ion:	198	Resp:	13158
Ion Ratio	Lower	Upper	
198	100		
51	66.8	2.7	42.7#
105	79.8	10.0	50.0#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 21.83 ng

RT: 11.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077574.D

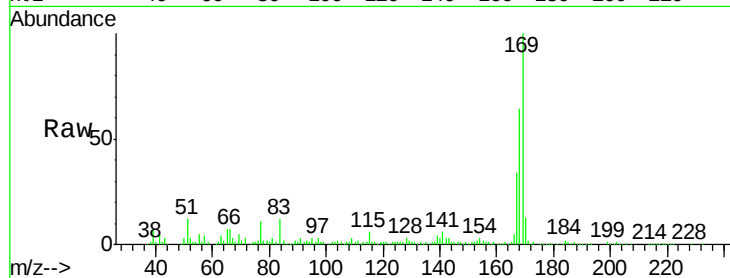
Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD



Tgt Ion:169 Resp: 234283

Ion Ratio Lower Upper

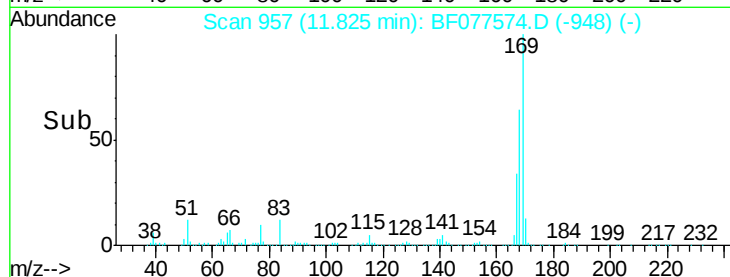
169 100

168 63.9 53.0 79.6

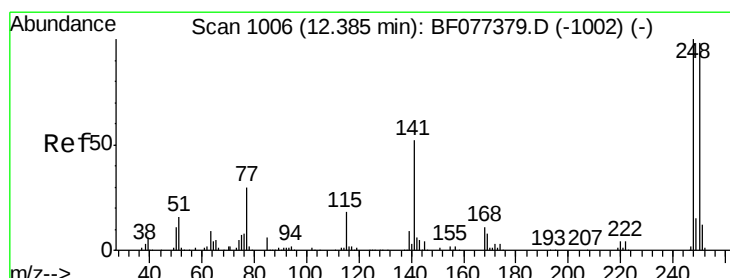
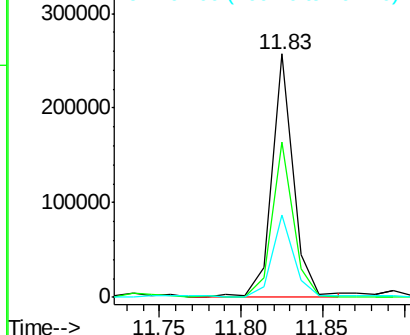
167 34.0 29.5 44.3

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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: 21.35 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

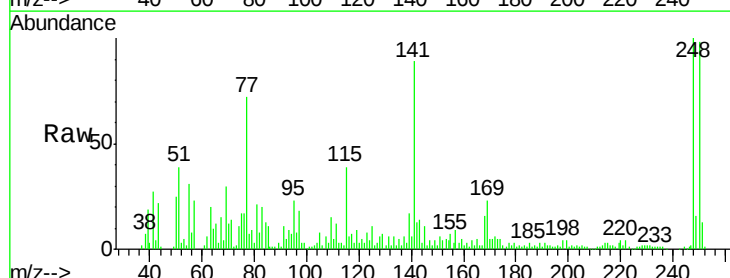
Tgt Ion:248 Resp: 80852

Ion Ratio Lower Upper

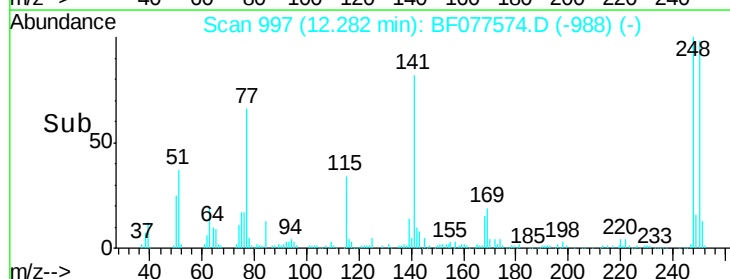
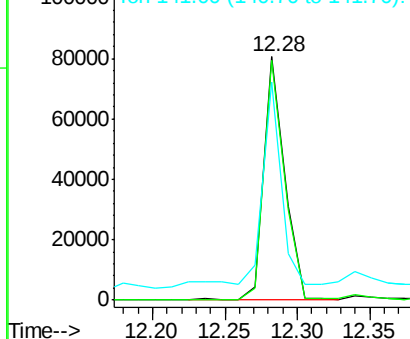
248 100

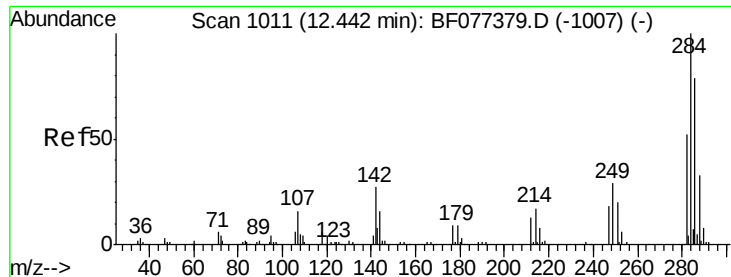
250 98.3 78.0 117.0

141 89.4 54.1 81.1#



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





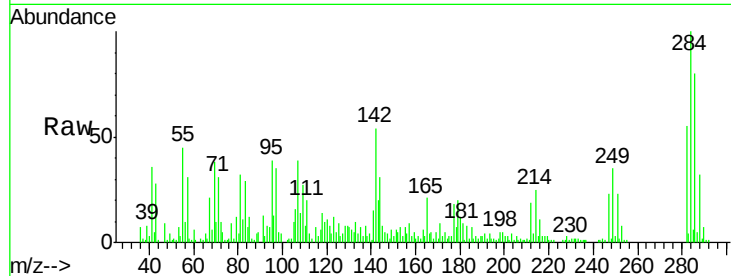
#67
Hexachlorobenzene
Concen: 20.90 ng
RT: 12.35 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

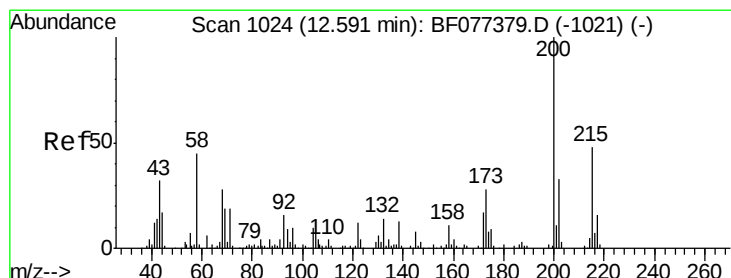
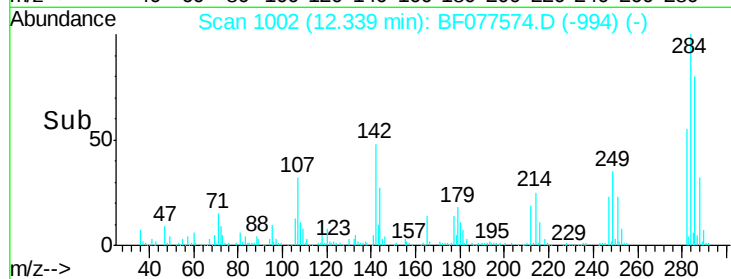
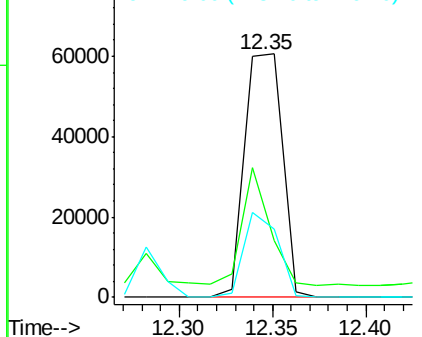
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	84985		
142	53.9	31.6	47.4	
249	35.4	27.0	40.4	

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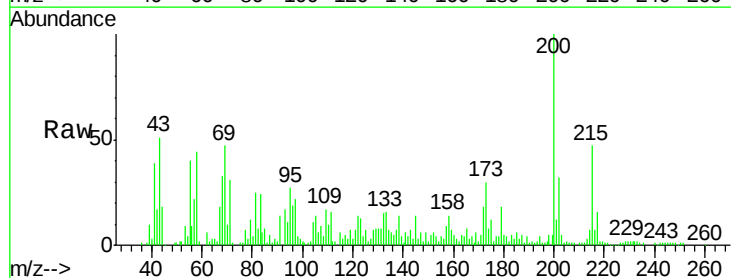


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

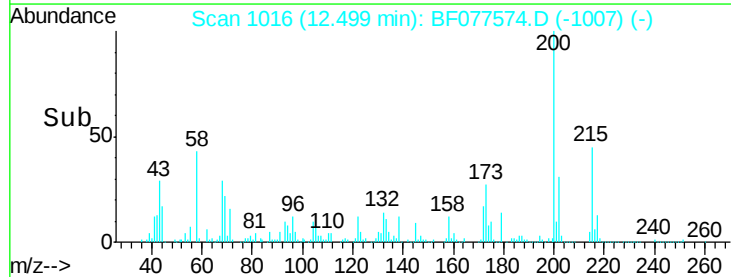
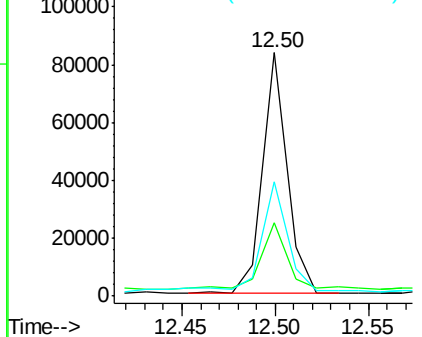


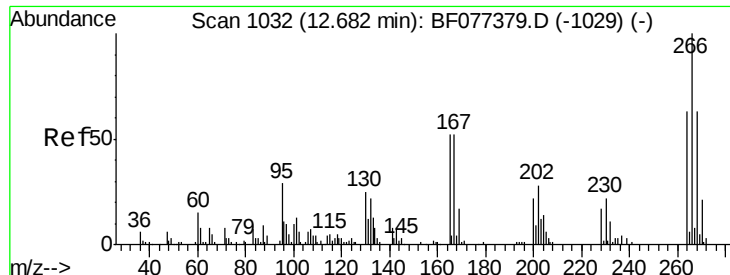
#68
Atrazine
Concen: 21.62 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	75426		
173	29.9	9.6	49.6	
215	47.1	24.4	64.4	



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





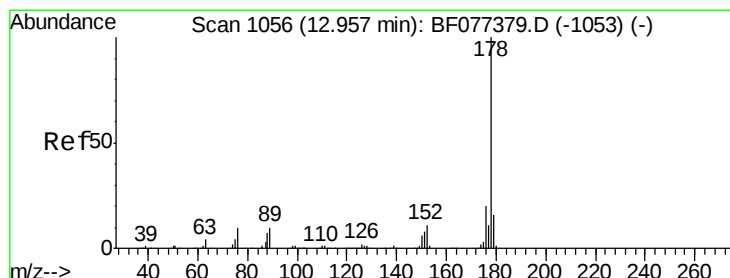
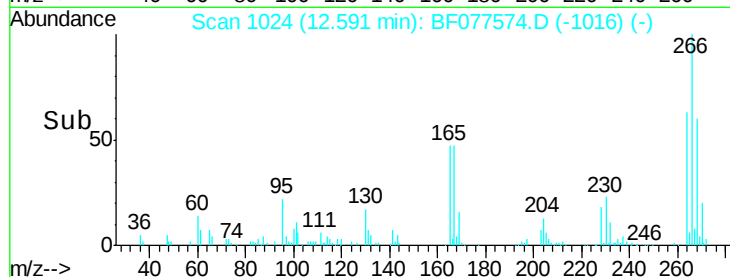
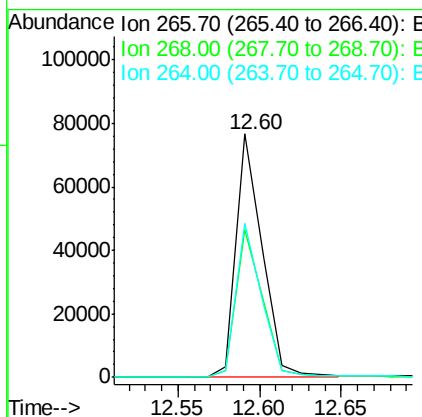
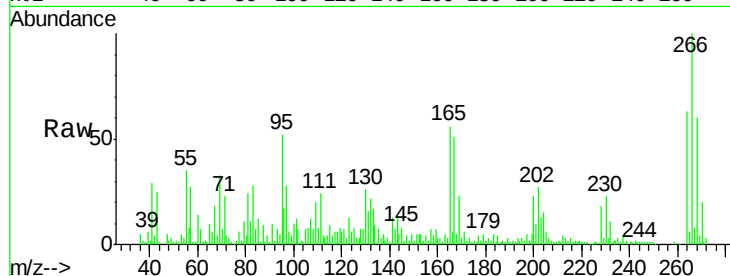
#69
 Pentachlorophenol
 Concen: 39.71 ng
 RT: 12.60 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	84853		
268	60.5	51.2	76.8	
264	63.1	50.7	76.1	

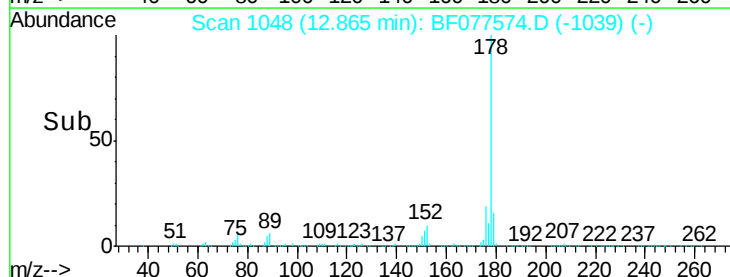
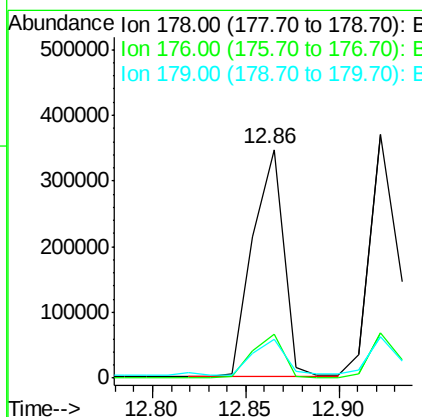
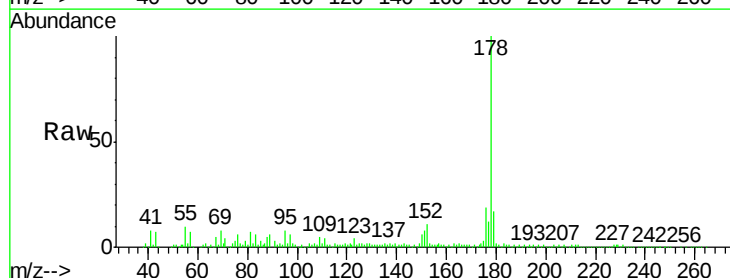
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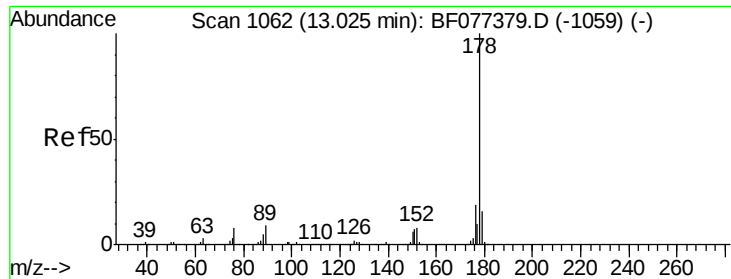
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#70
 Phenanthrene
 Concen: 21.12 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	395969		
176	19.4	15.5	23.3	
179	16.9	12.2	18.2	





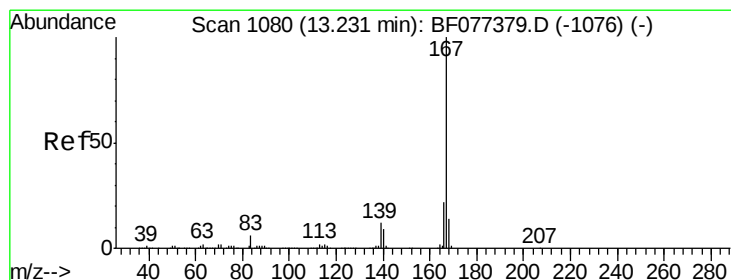
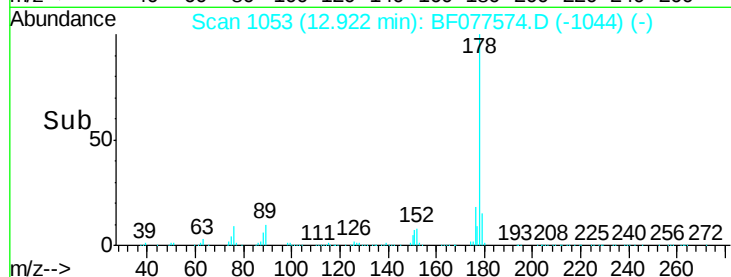
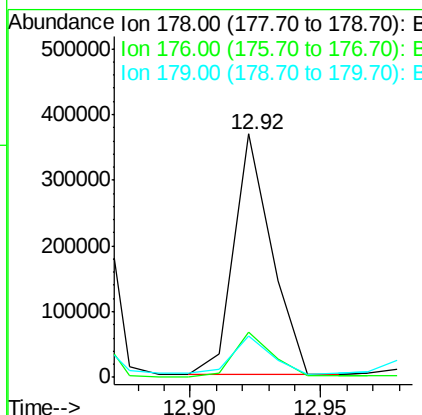
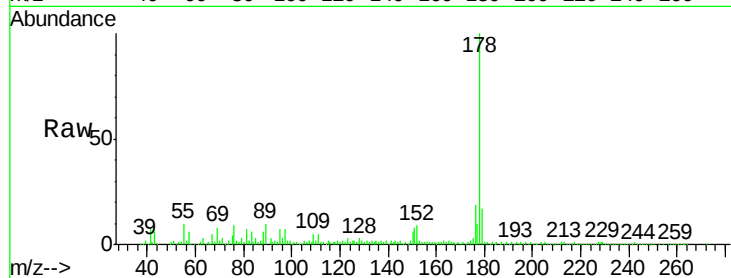
#71
 Anthracene
 Concen: 20.03 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	17.0	12.9	19.3

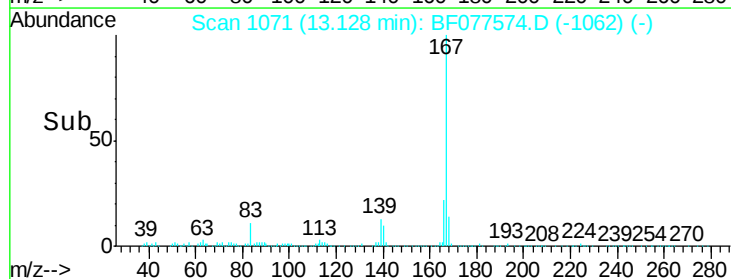
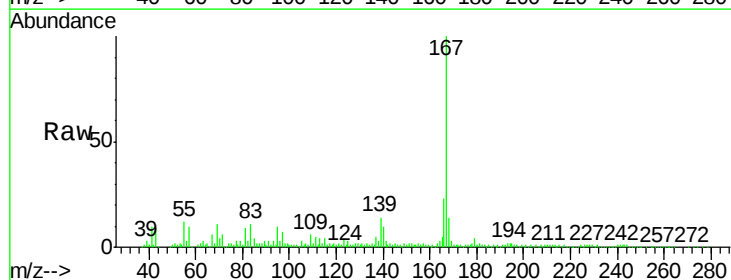
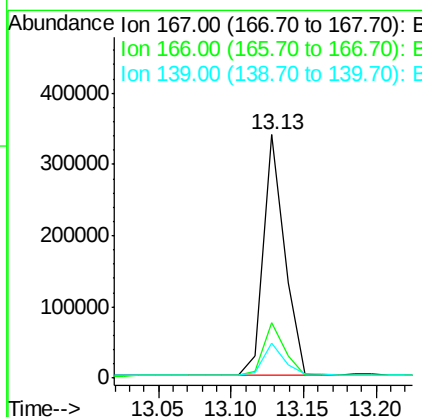
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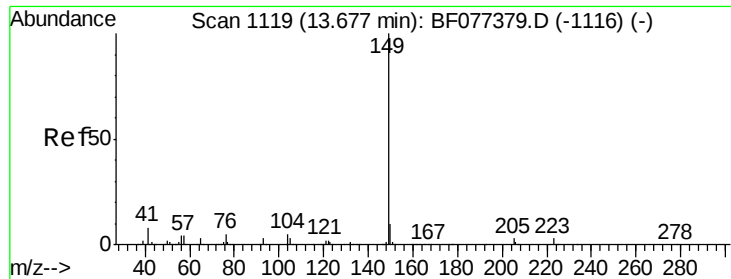
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#72
 Carbazole
 Concen: 19.39 ng
 RT: 13.13 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.5	9.9	14.9





#73

Di-n-butylphthalate

Concen: 17.38 ng

RT: 13.59 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

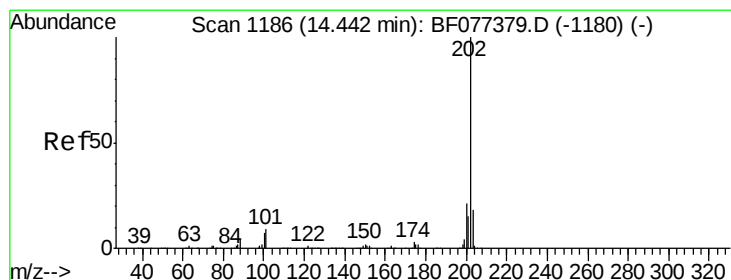
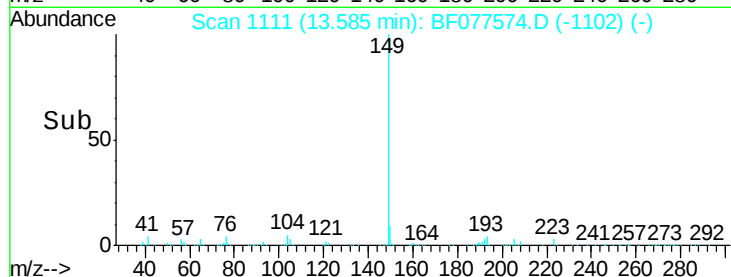
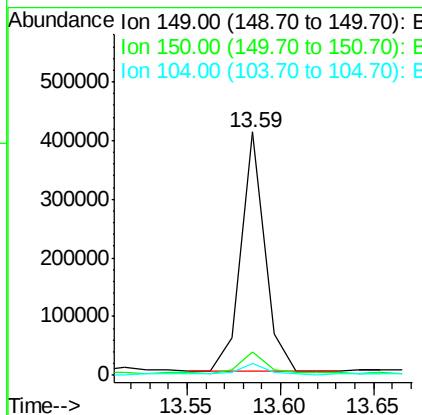
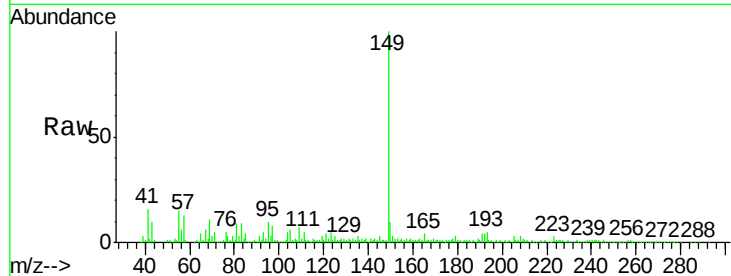
ClientSampleId :

VMA-2MSD

Tgt Ion:	149	Resp:	361080
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.8
104	5.1	4.1	6.1

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#74

Fluoranthene

Concen: 22.47 ng

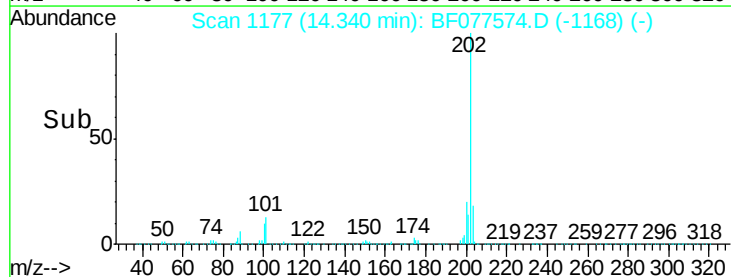
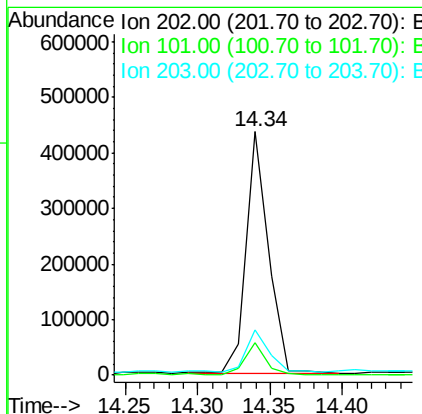
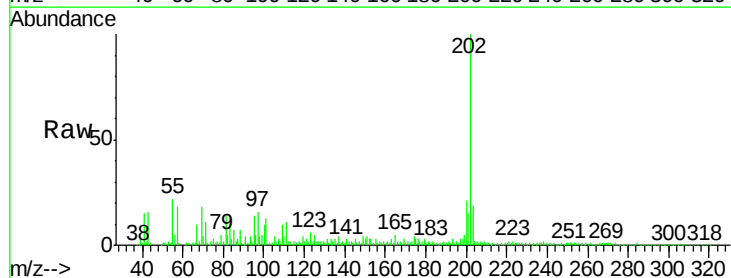
RT: 14.34 min Scan# 1177

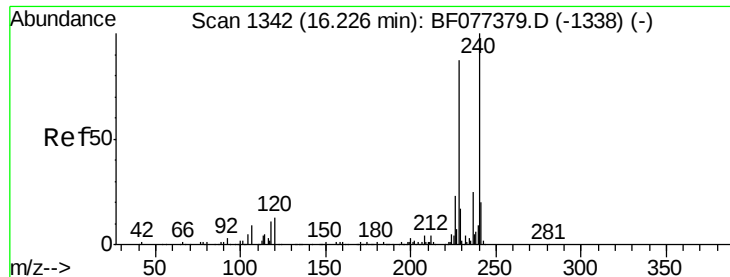
Delta R.T. 0.01 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	202	Resp:	460105
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	30.8
203	18.8	0.0	37.7





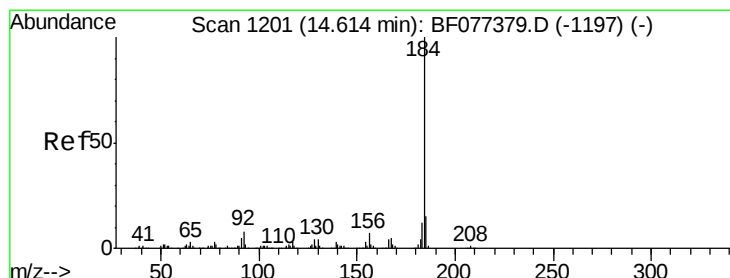
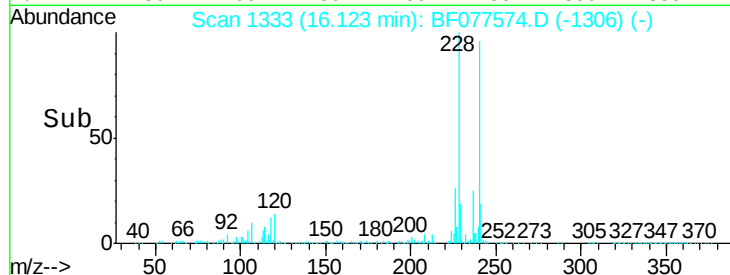
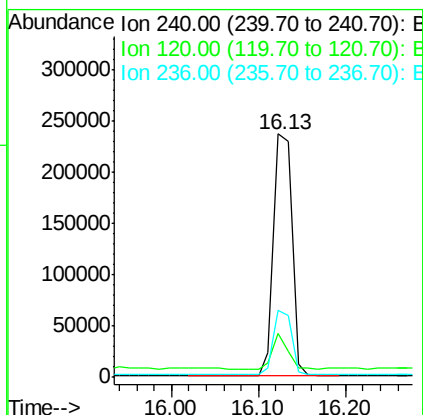
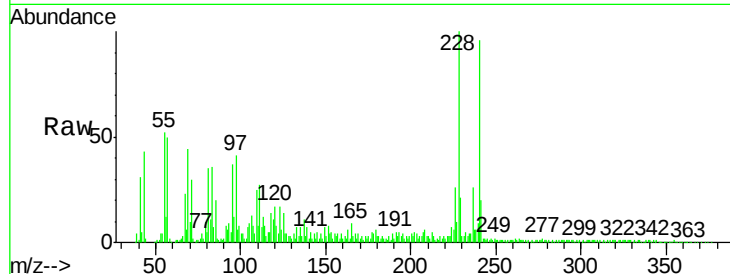
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	346938		
120	18.2	8.8	13.2#	
236	27.5	20.7	31.1	

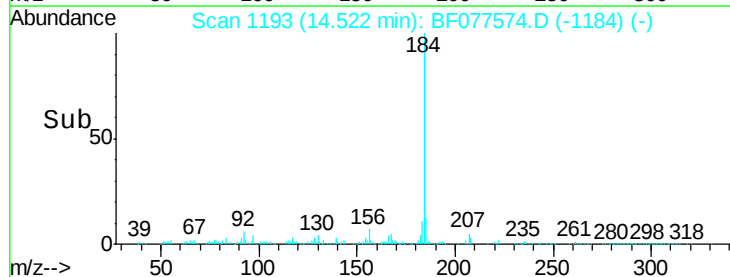
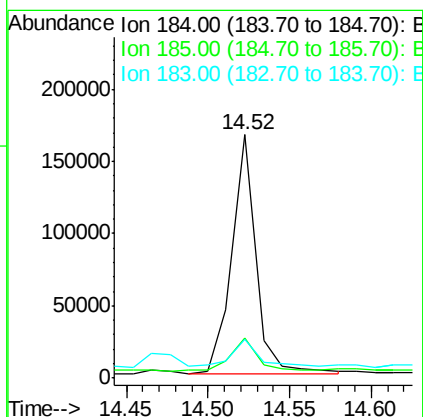
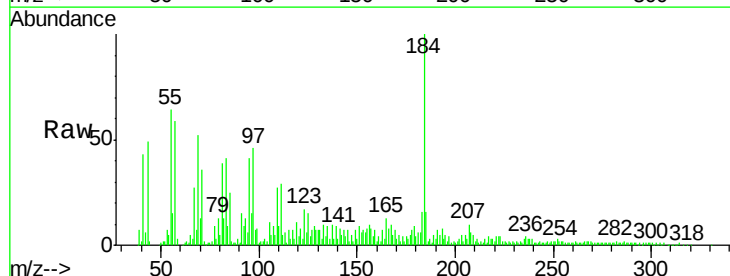
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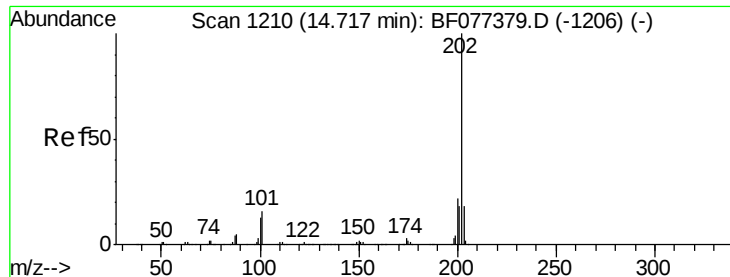
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#76
Benzidine
Concen: 14.37 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	168417		
185	16.4	12.6	18.8	
183	15.8	9.3	13.9#	





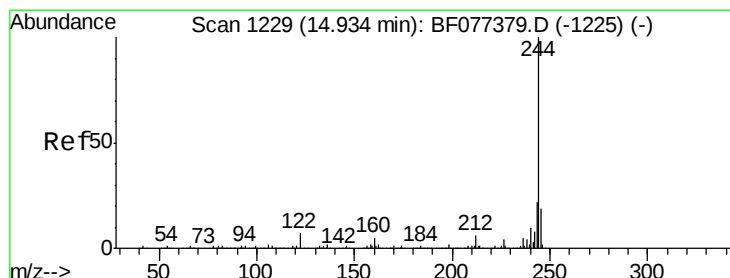
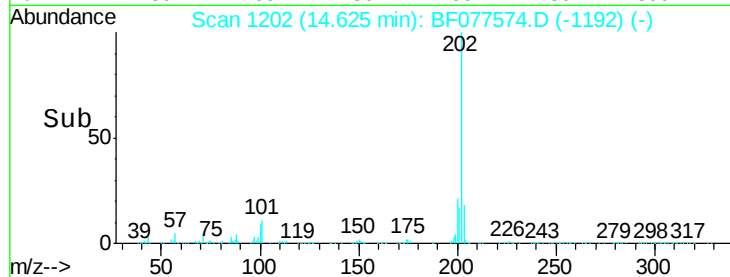
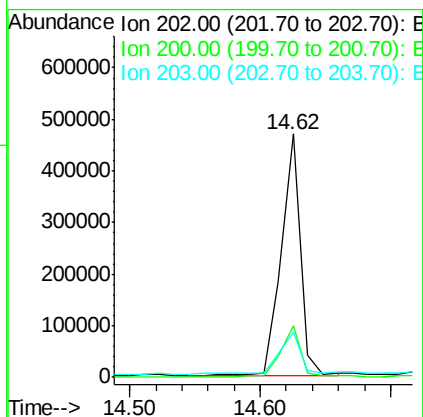
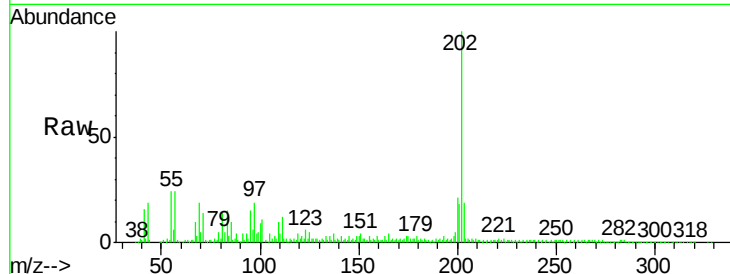
#77
 Pyrene
 Concen: 22.84 ng
 RT: 14.62 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	18.8	14.2	21.2

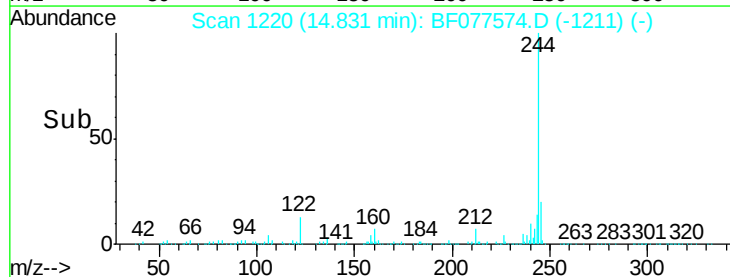
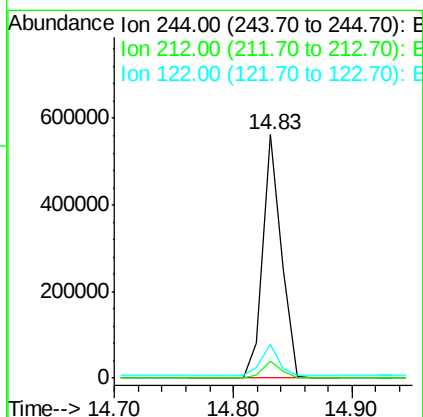
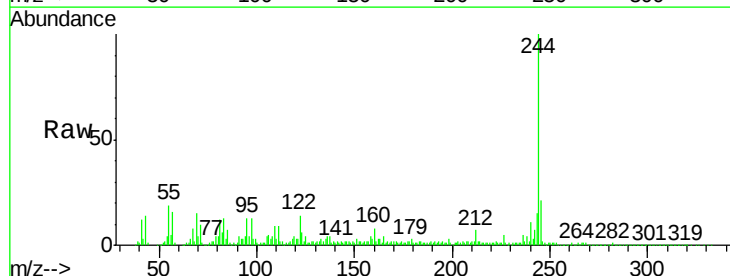
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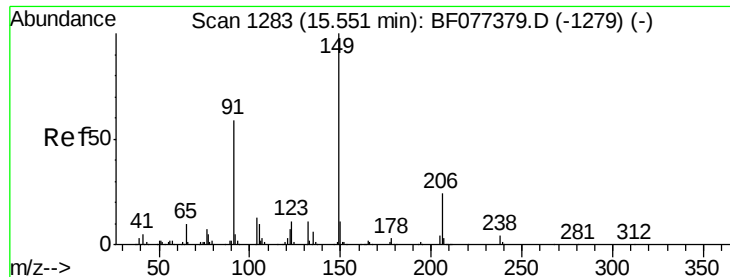
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#78
 Terphenyl-d14
 Concen: 41.57 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	13.8	7.8	11.8





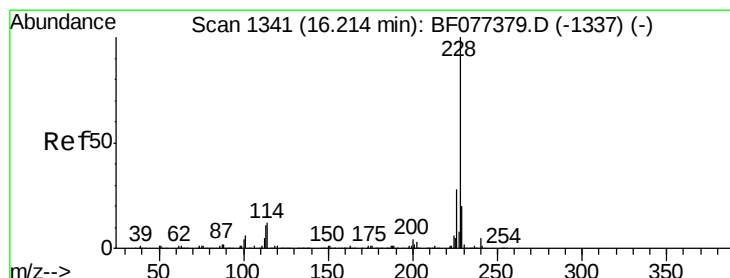
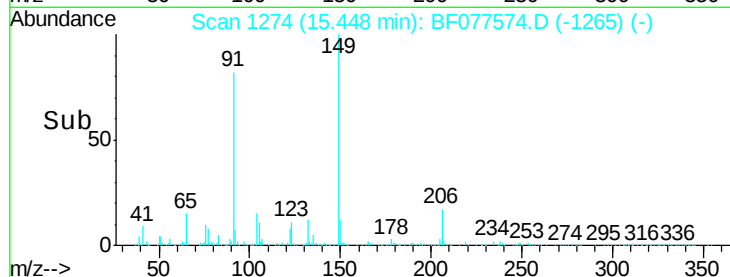
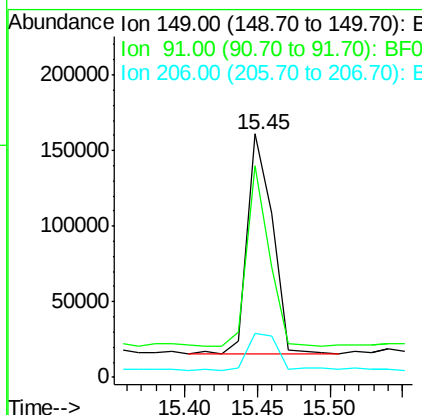
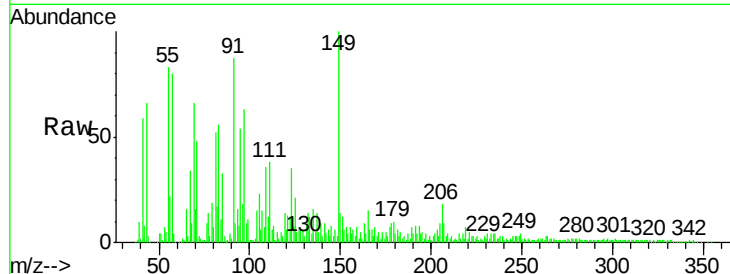
#79
Butylbenzylphthalate
Concen: 19.89 ng
RT: 15.45 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	173681		
91	86.9	51.2	76.8#	
206	18.3	17.8	26.8	

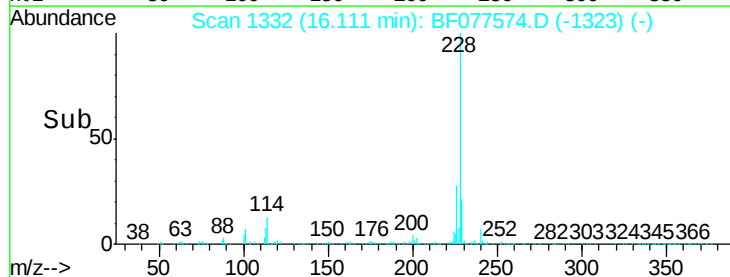
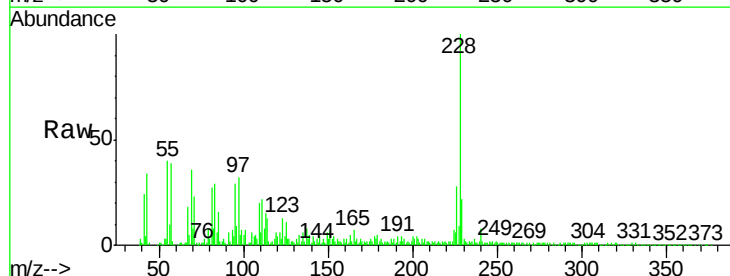
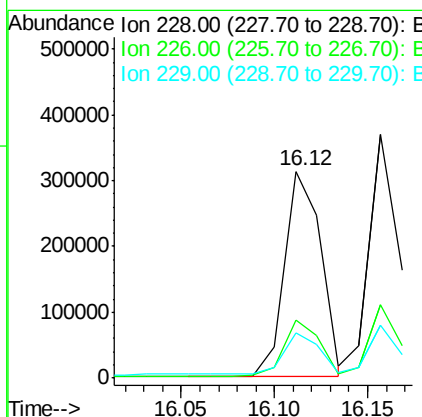
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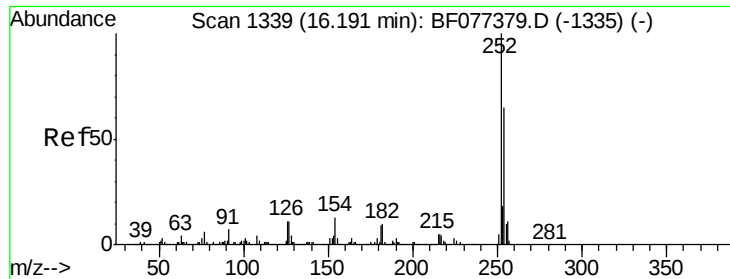
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#80
Benzo(a)anthracene
Concen: 20.86 ng
RT: 16.12 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	424148		
226	28.3	22.0	33.0	
229	21.9	15.8	23.8	





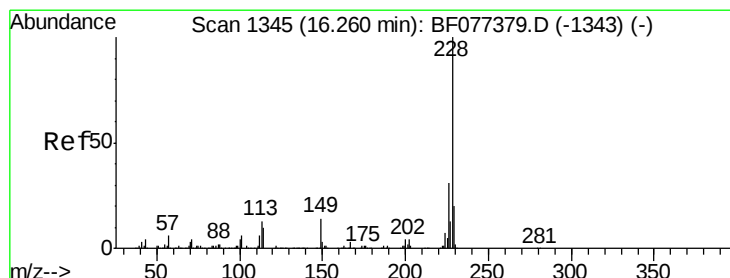
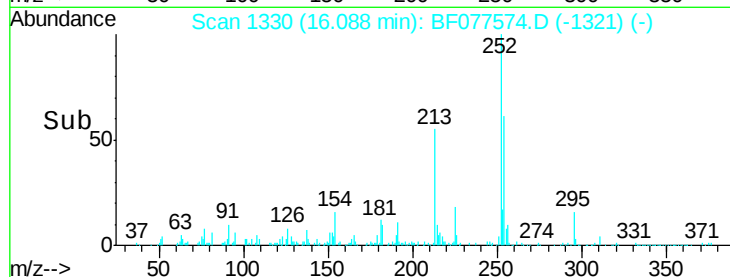
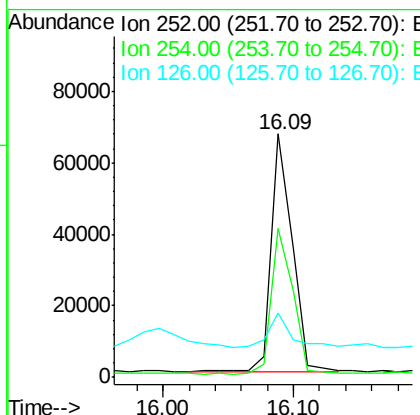
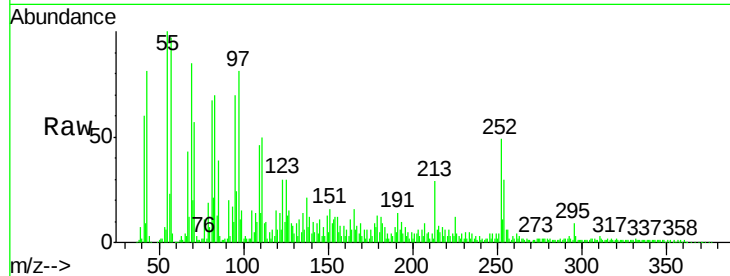
#81
 3,3'-Dichlorobenzidine
 Concen: 10.06 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	60.9	52.9	79.3
126	26.3	7.3	10.9

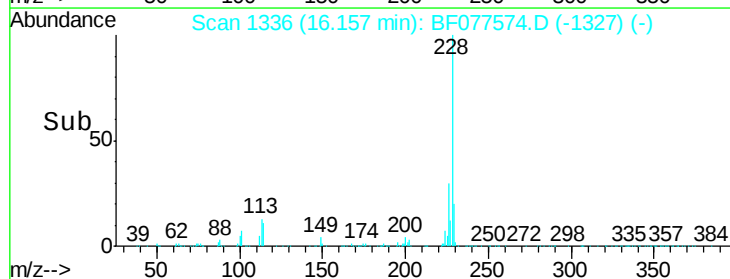
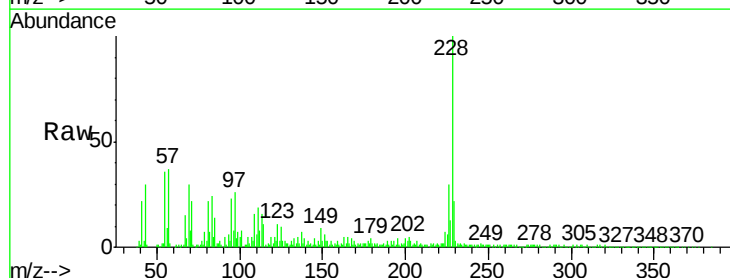
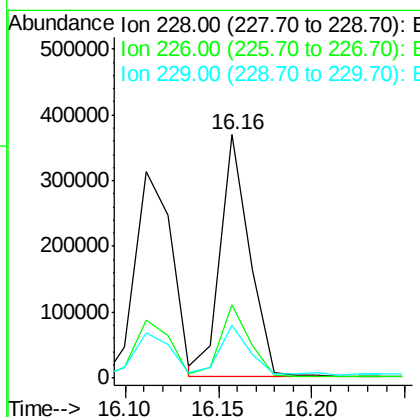
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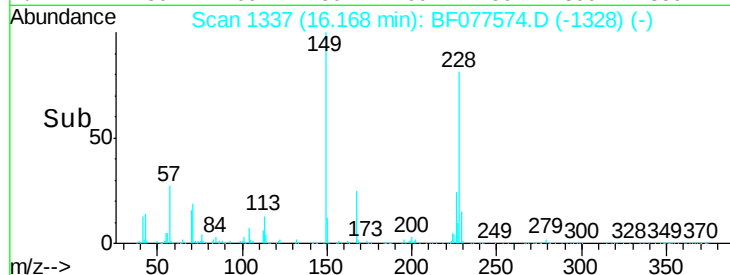
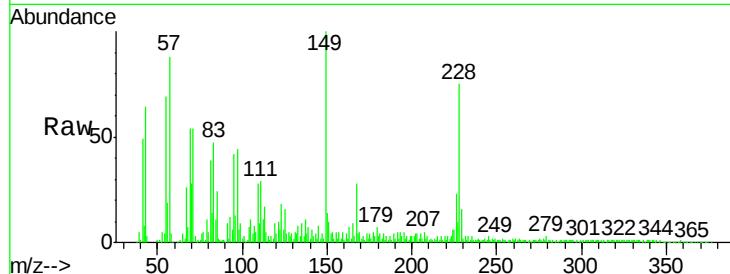
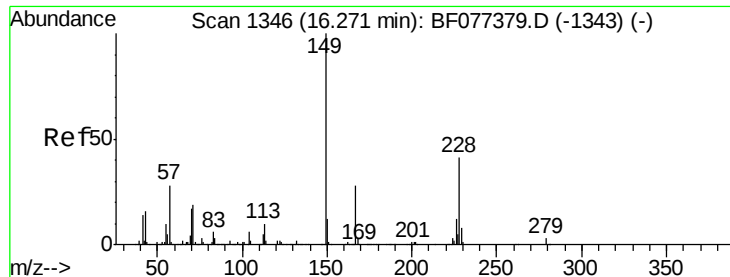
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#82
 Chrysene
 Concen: 20.96 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.9	37.3
229	21.6	16.4	24.6





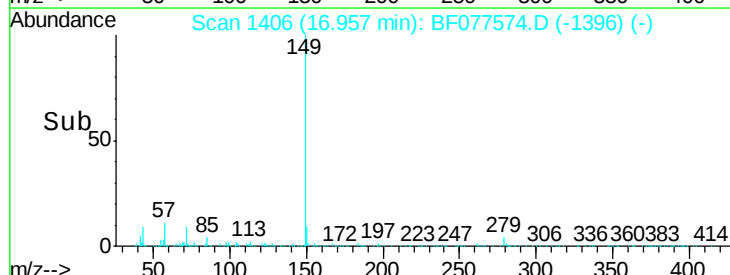
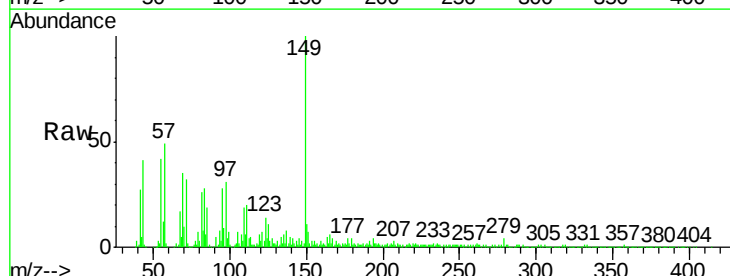
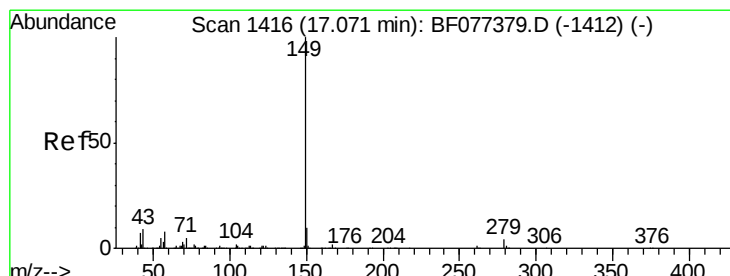
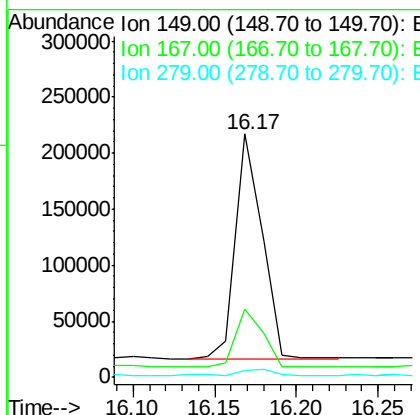
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.18 ng
RT: 16.17 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	226544		
167	27.8	22.8	34.2	
279	2.9	3.8	5.6	

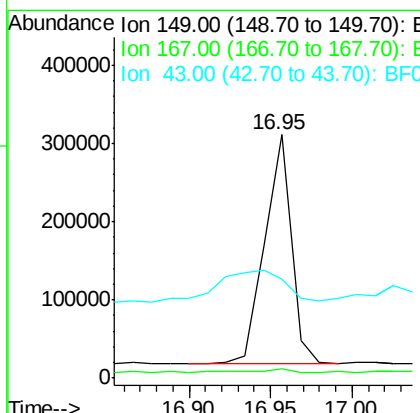
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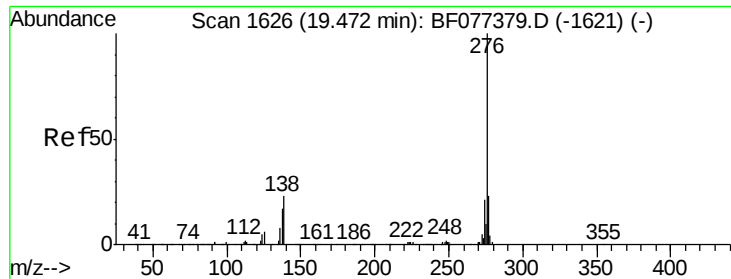
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#84
Di-n-octyl phthalate
Concen: 14.43 ng
RT: 16.95 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	337197		
167	1.8	1.3	1.9	
43	35.3	8.1	12.1	





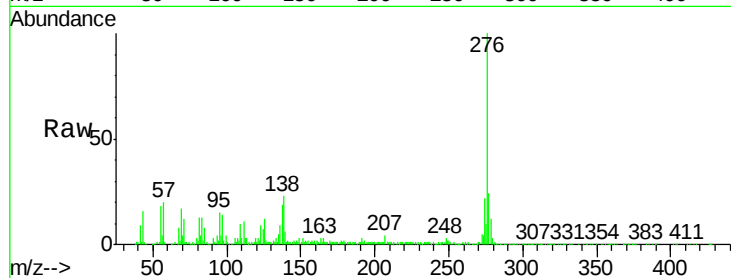
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.23 ng
RT: 19.28 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

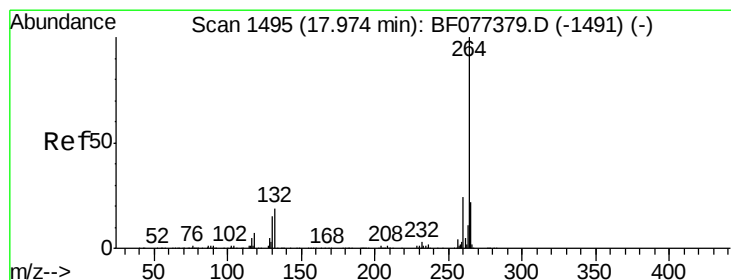
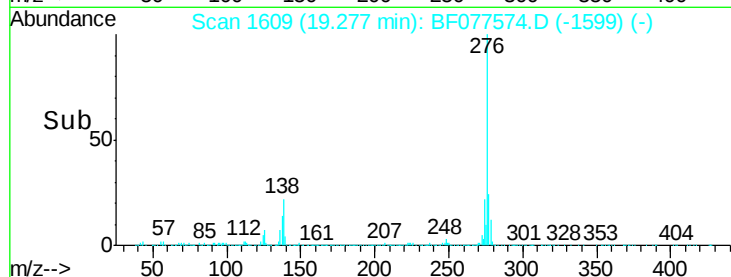
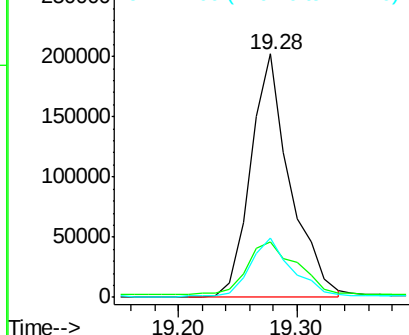
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	25.1	20.0	30.0

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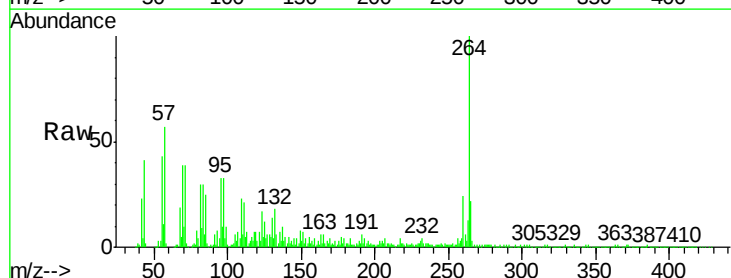


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

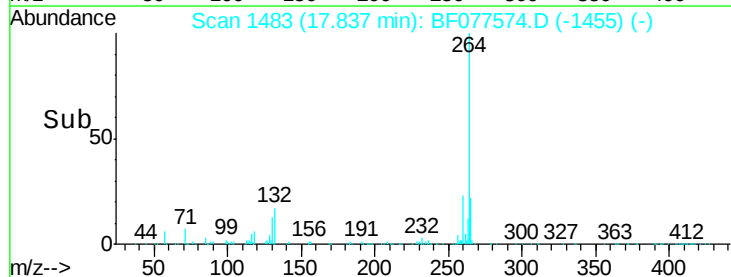
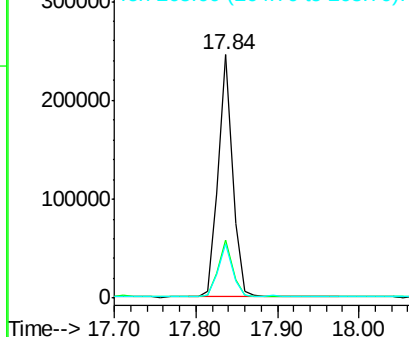


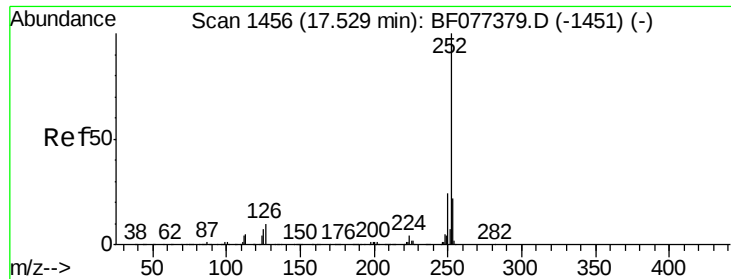
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.84 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.4	16.8	25.2



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





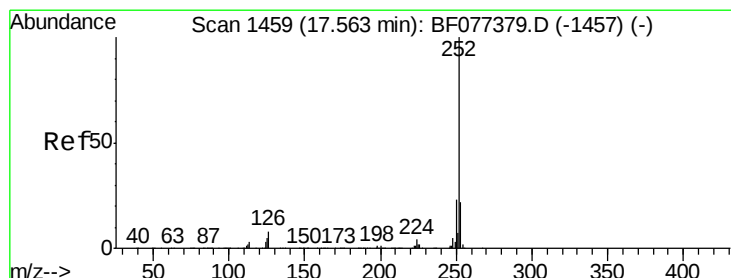
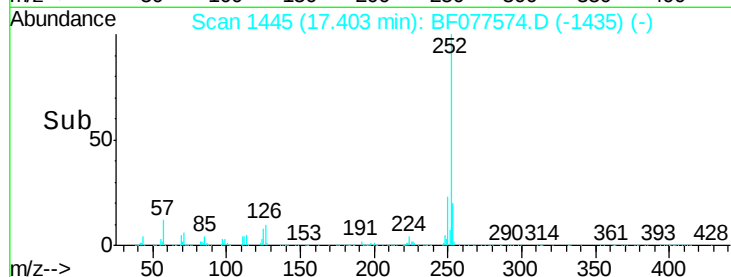
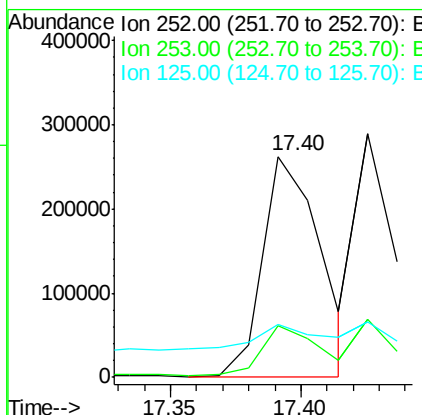
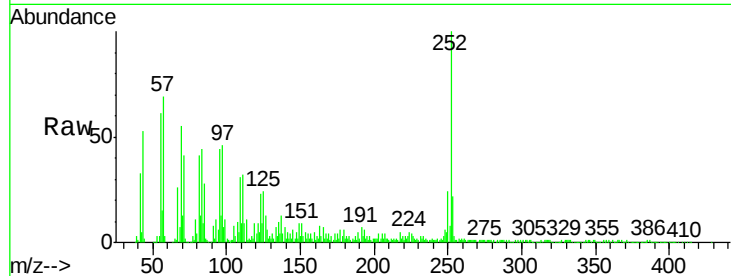
#87
Benzo(b)fluoranthene
Concen: 22.77 ng
RT: 17.40 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	24.2	5.4	8.2#

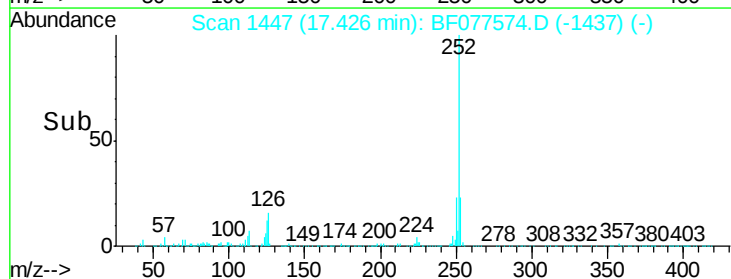
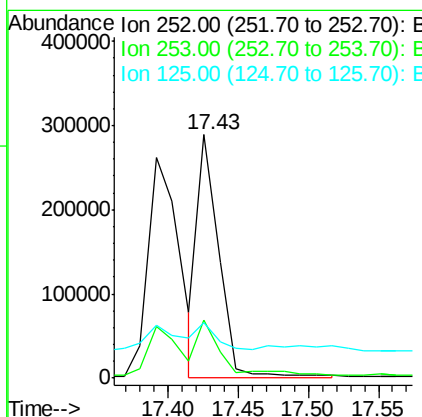
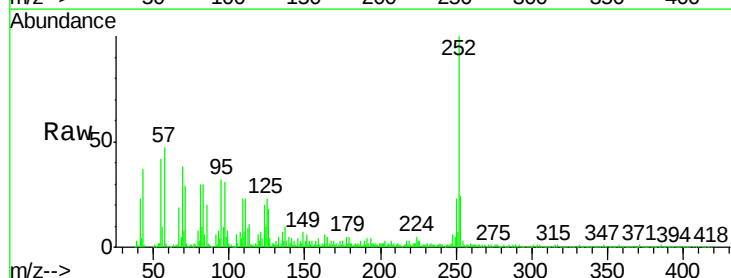
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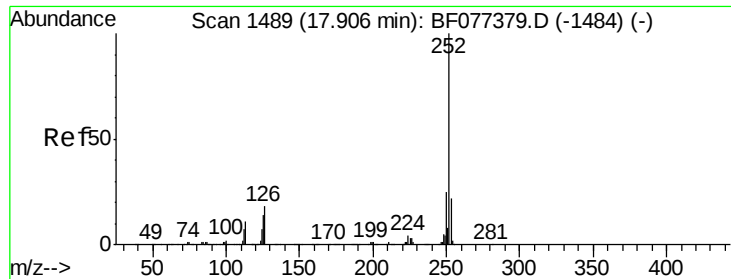
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#88
Benzo(k)fluoranthene
Concen: 18.36 ng m
RT: 17.43 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	22.9	10.1	15.1#





#89

Benzo(a)pyrene

Concen: 21.03 ng

RT: 17.77 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

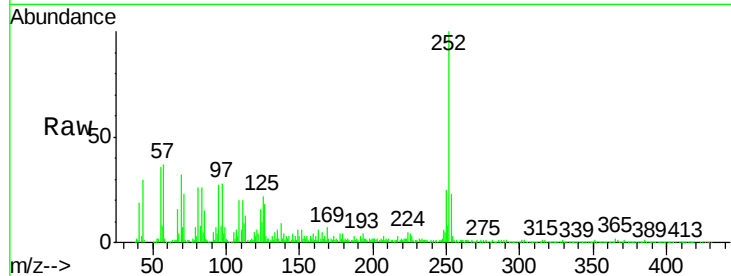
ClientSampleId :

VMA-2MSD

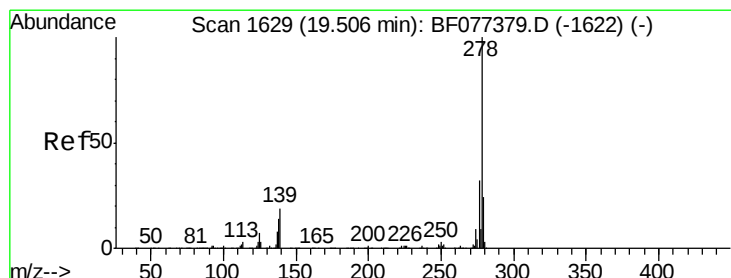
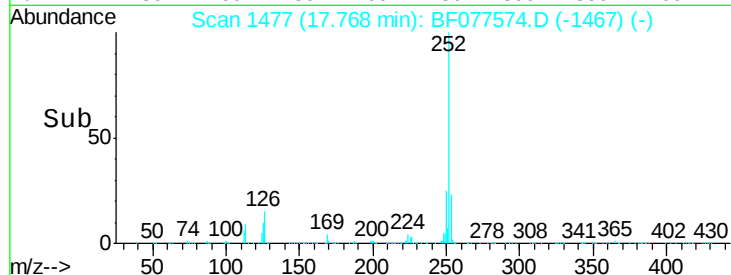
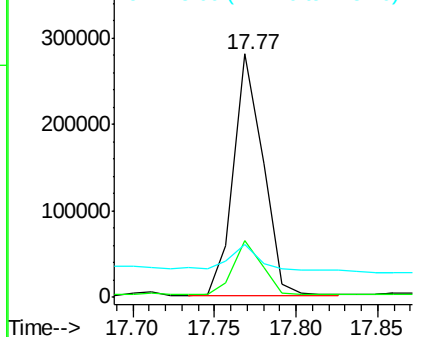
Tgt Ion:	252	Resp:	352906
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	21.9	8.3	12.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.36 ng

RT: 19.30 min Scan# 1611

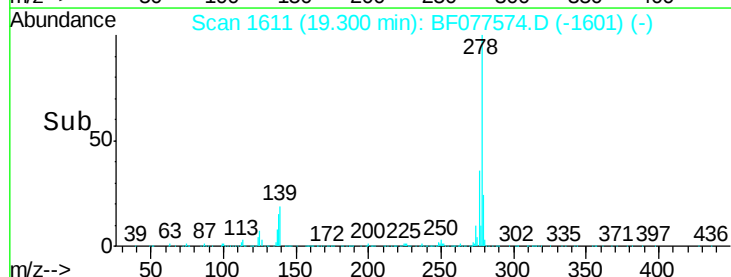
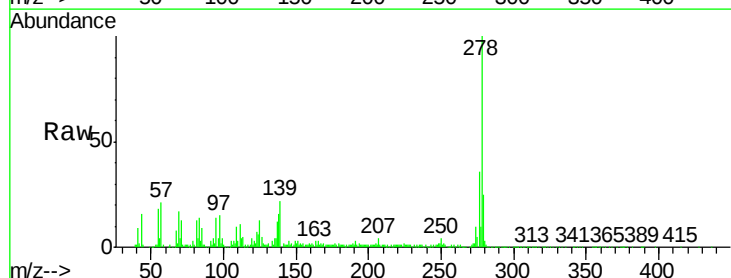
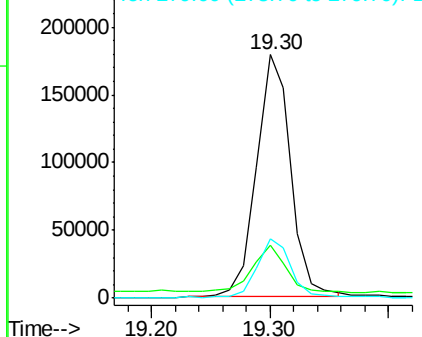
Delta R.T. 0.02 min

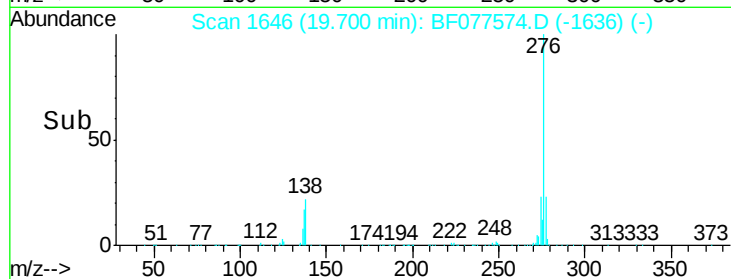
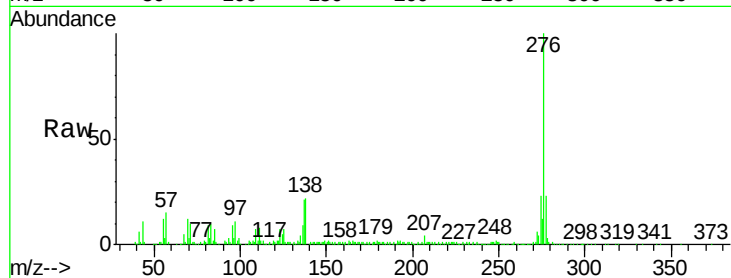
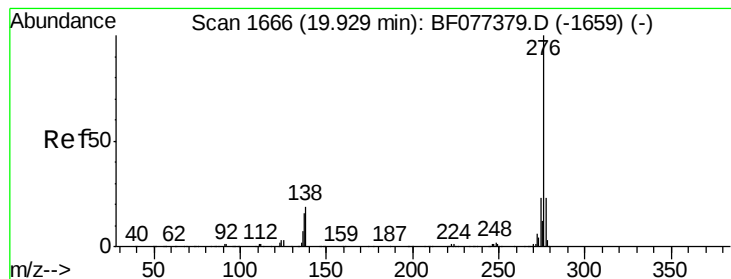
Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:	278	Resp:	357972
Ion Ratio	Lower	Upper	
278	100		
139	21.8	14.3	21.5#
279	24.5	19.0	28.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 21.58 ng

RT: 19.70 min Scan# 1646

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

Tgt Ion: 276 Resp: 348658

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.4 20.5 30.7

Manual Integrations
APPROVED

mohammad
3/4/2015 4:42:32 PM

