

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077532.D
 Acq On : 2 Mar 2015 19:53
 Operator : TP/IZ
 Sample : G1399-05MSD
 Misc : S
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Manual Integrations
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apatel
 3/3/2015 6:26:24 PM

Quant Time: Mar 03 04:16:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	93256	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	377108	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	183824	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	358168	20.00	ng	0.00
75) Chrysene-d12	16.15	240	396203	20.00	ng	0.01
86) Perylene-d12	17.87	264	396111	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	449911	80.54	ng	0.00
7) Phenol-d6	6.82	99	571290	79.54	ng	0.00
23) Nitrobenzene-d5	7.95	82	328862	54.23	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	155063	87.61	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	687108	58.28	ng	0.00
78) Terphenyl-d14	14.85	244	782993	46.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	43514	18.36	ng	94
3) Pyridine	2.95	79	142940	21.08	ng	98
4) n-Nitrosodimethylamine	2.85	42	71926	24.40	ng	92
6) Aniline	6.85	93	138949	14.00	ng	97
8) 2-Chlorophenol	6.99	128	162981	24.73	ng	98
9) Benzaldehyde	6.71	77	32778	7.52	ng	88
10) Phenol	6.84	94	213022	25.00	ng	81
11) bis(2-Chloroethyl)ether	6.95	93	142922	23.34	ng	97
12) 1,3-Dichlorobenzene	7.19	146	170588	23.77	ng	95
13) 1,4-Dichlorobenzene	7.28	146	171663	23.52	ng	97
14) 1,2-Dichlorobenzene	7.47	146	165932	23.90	ng	96
15) Benzyl Alcohol	7.44	79	130288	23.86	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.62	45	212855	24.32	ng	97
17) 2-Methylphenol	7.59	107	125025	24.27	ng	96
18) Hexachloroethane	7.88	117	50564	20.74	ng	# 84
19) n-Nitroso-di-n-propylamine	7.78	70	117300	25.72	ng	94
20) 3+4-Methylphenols	7.78	107	168449	24.83	ng	# 78
22) Acetophenone	7.77	105	224460	25.30	ng	# 89
24) Nitrobenzene	7.98	77	156270	24.49	ng	# 83
25) Isophorone	8.28	82	302035	25.10	ng	# 91
26) 2-Nitrophenol	8.37	139	67533	25.83	ng	89
27) 2,4-Dimethylphenol	8.43	122	141606	24.20	ng	96
28) bis(2-Chloroethoxy)methane	8.56	93	195359	25.70	ng	99
29) 2,4-Dichlorophenol	8.67	162	143428	26.12	ng	96
30) 1,2,4-Trichlorobenzene	8.77	180	149405	24.74	ng	99
31) Naphthalene	8.87	128	483178	25.62	ng	100
32) Benzoic acid	8.52	122	9651m	3.39	ng	
33) 4-Chloroaniline	8.94	127	131373	15.67	ng	# 89
34) Hexachlorobutadiene	9.02	225	80715	23.42	ng	98
35) Caprolactam	9.35	113	43893	26.18	ng	# 82
36) 4-Chloro-3-methylphenol	9.54	107	131150	23.75	ng	90
37) 2-Methylnaphthalene	9.72	142	326246	24.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	143290	27.17	ng	99
40) Hexachlorocyclopentadiene	9.92	237	35448	12.53	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	99419	28.46	ng	97
43) 2,4,5-Trichlorophenol	10.12	196	106232	28.44	ng	96
45) 1,1'-Biphenyl	10.31	154	377339	27.09	ng	98
46) 2-Chloronaphthalene	10.33	162	303656	27.80	ng	96
47) 2-Nitroaniline	10.45	65	85929	31.96	ng	90
48) Acenaphthylene	10.84	152	497036	28.75	ng	99
49) Dimethylphthalate	10.69	163	387193	29.97	ng	99
50) 2,6-Dinitrotoluene	10.77	165	67075	25.88	ng	# 53
51) Acenaphthene	11.05	154	276594	26.81	ng	99
52) 3-Nitroaniline	10.97	138	87768	29.38	ng	90
53) 2,4-Dinitrophenol	11.10	184	3428	4.35	ng	# 81
54) Dibenzofuran	11.27	168	422178	26.50	ng	98
55) 4-Nitrophenol	11.18	139	132111	54.98	ng	95
56) 2,4-Dinitrotoluene	11.26	165	89823	25.65	ng	# 83
57) Fluorene	11.69	166	350876	27.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	83928	27.95	ng	97
59) Diethylphthalate	11.57	149	346933	27.23	ng	97
60) 4-Chlorophenyl-phenylether	11.70	204	155897	25.40	ng	# 89
61) 4-Nitroaniline	11.72	138	90560	31.63	ng	89
62) Azobenzene	11.90	77	325244	26.91	ng	95
64) 4,6-Dinitro-2-methylphenol	11.76	198	5205	7.07	ng	81
65) n-Nitrosodiphenylamine	11.85	169	298850	25.15	ng	99
66) 4-Bromophenyl-phenylether	12.31	248	98126	23.40	ng	# 89
67) Hexachlorobenzene	12.37	284	107212	23.82	ng	# 83
68) Atrazine	12.52	200	97817	25.32	ng	98
69) Pentachlorophenol	12.62	266	116853	49.39	ng	99
70) Phenanthrene	12.89	178	580654	27.97	ng	99
71) Anthracene	12.95	178	526692	25.57	ng	99
72) Carbazole	13.15	167	501329	25.59	ng	98
73) Di-n-butylphthalate	13.61	149	592286	25.75	ng	# 98
74) Fluoranthene	14.36	202	674232	29.73	ng	98
76) Benzidine	14.54	184	522890	39.06	ng	98
77) Pyrene	14.64	202	733659	30.27	ng	99
79) Butylbenzylphthalate	15.47	149	273758	27.46	ng	97
80) Benzo(a)anthracene	16.13	228	658491	28.36	ng	99
81) 3,3'-Dichlorobenzidine	16.11	252	212304	24.95	ng	# 98
82) Chrysene	16.18	228	603927	27.70	ng	99
83) Bis(2-ethylhexyl)phthalate	16.19	149	422408	26.42	ng	# 98
84) Di-n-octyl phthalate	16.98	149	747515	28.00	ng	99
85) Indeno(1,2,3-cd)pyrene	19.32	276	640424m	25.76	ng	
87) Benzo(b)fluoranthene	17.43	252	649799m	28.21	ng	
88) Benzo(k)fluoranthene	17.46	252	607089m	26.89	ng	
89) Benzo(a)pyrene	17.80	252	607676	27.70	ng	99
90) Dibenzo(a,h)anthracene	19.35	278	497868	23.80	ng	98
91) Benzo(g,h,i)perylene	19.75	276	536142	25.39	ng	96

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



#1

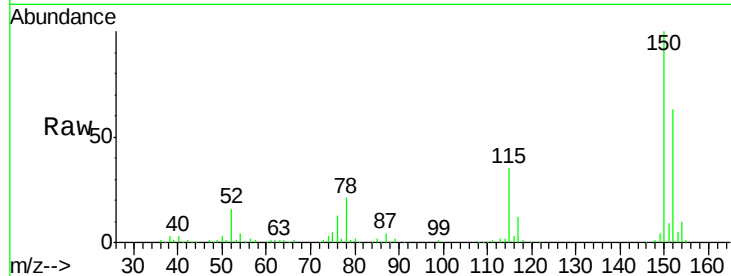
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.0	186.0
115	55.4	49.4	74.2

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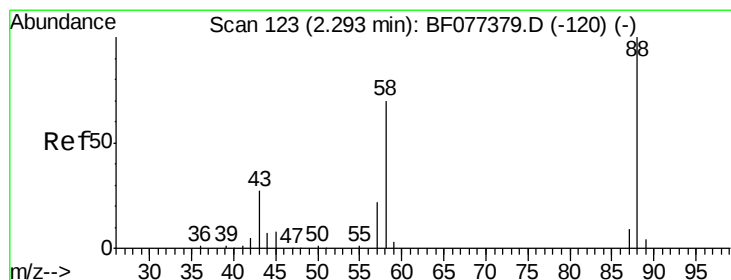
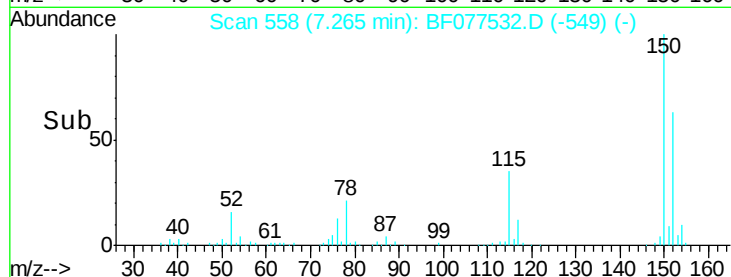
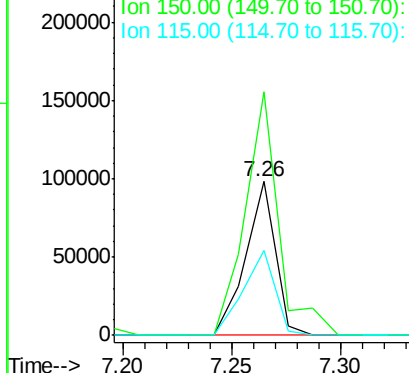


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

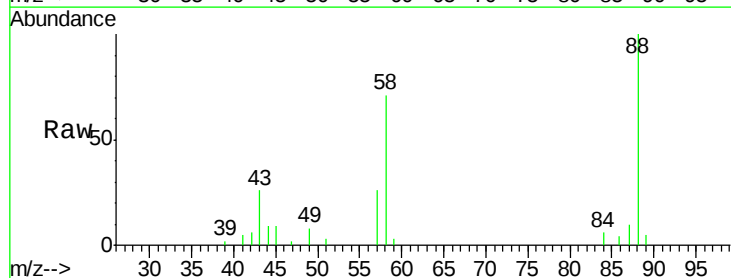
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.36 ng
RT: 2.20 min Scan# 115
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	62.1	93.1
43	27.6	24.0	36.0

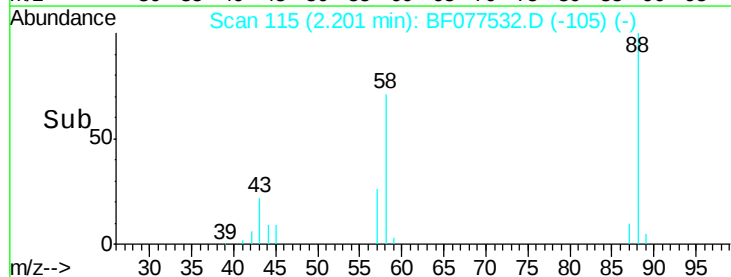
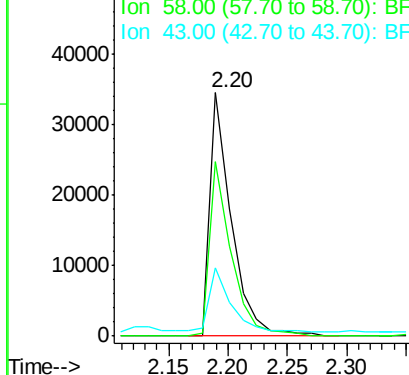


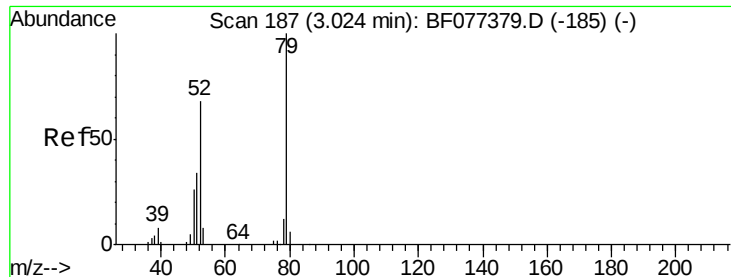
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





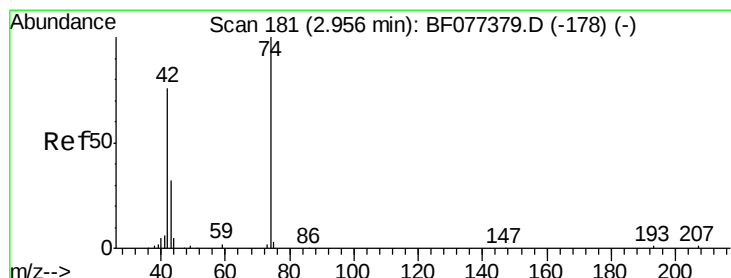
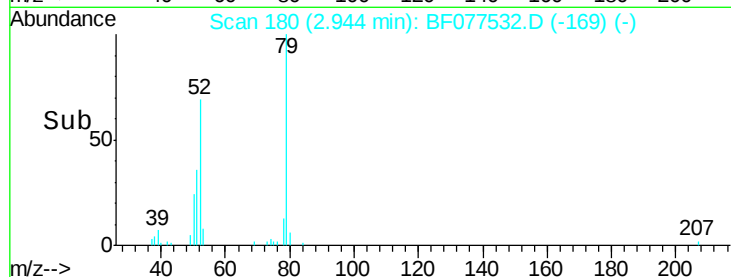
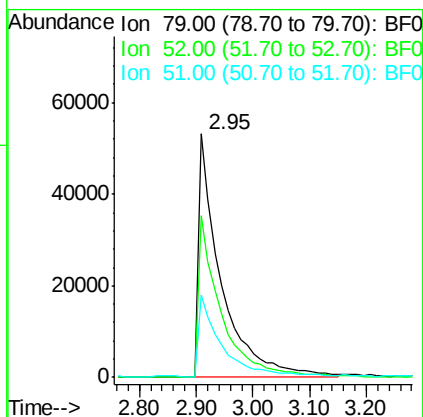
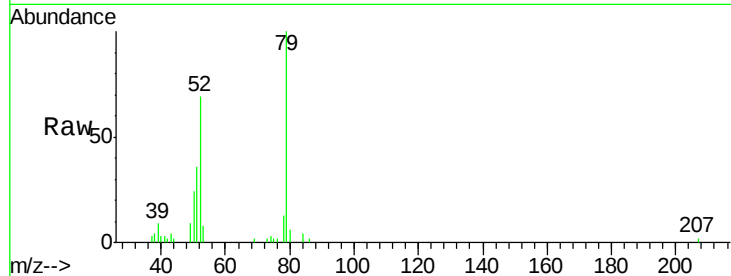
#3
 Pyridine
 Concen: 21.08 ng
 RT: 2.95 min Scan# 180
 Delta R.T. 0.03 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
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 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.2	57.7	86.5
51	35.5	28.5	42.7

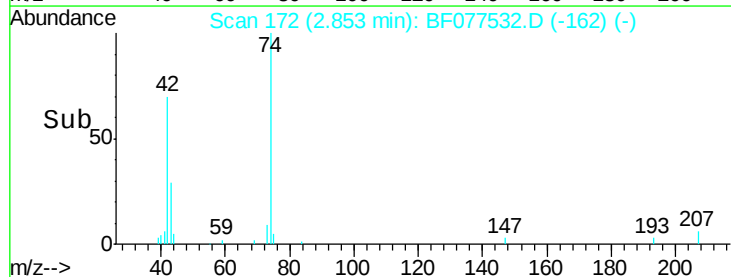
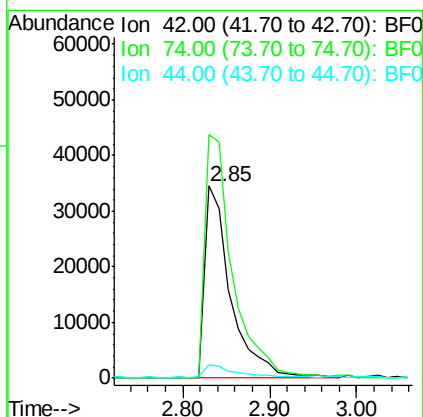
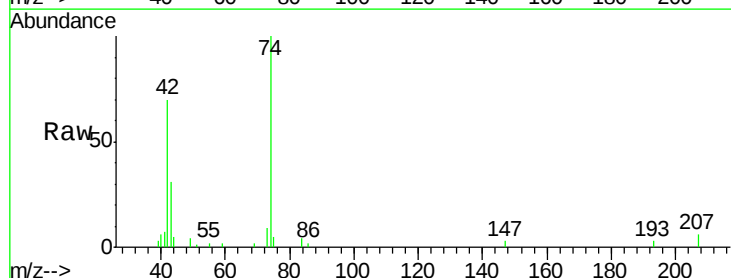
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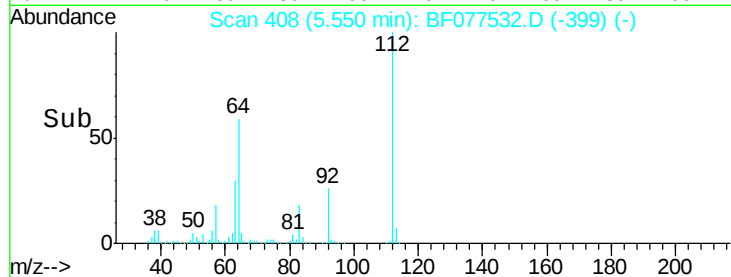
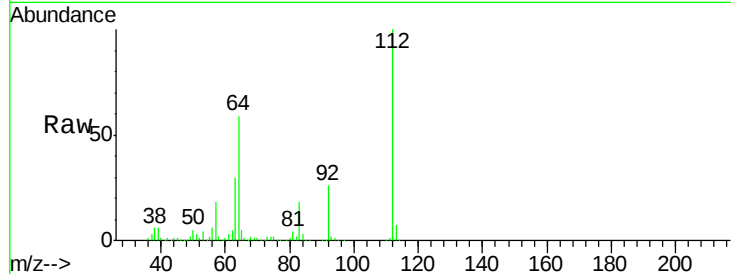
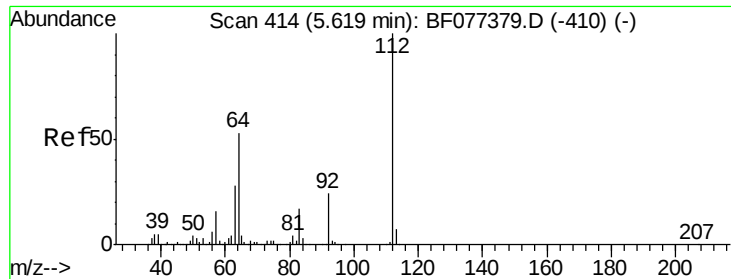
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#4
 n-Nitrosodimethylamine
 Concen: 24.40 ng
 RT: 2.85 min Scan# 172
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	107.1	160.7
44	7.8	6.7	10.1





#5

2-Fluorophenol

Concen: 80.54 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:	112	Resp:	449911
Ion Ratio	Lower	Upper	
112	100		
64	59.1	48.5	72.7
63	30.5	25.0	37.4

Instrument :

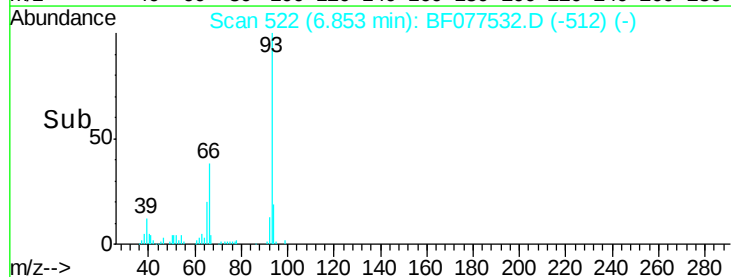
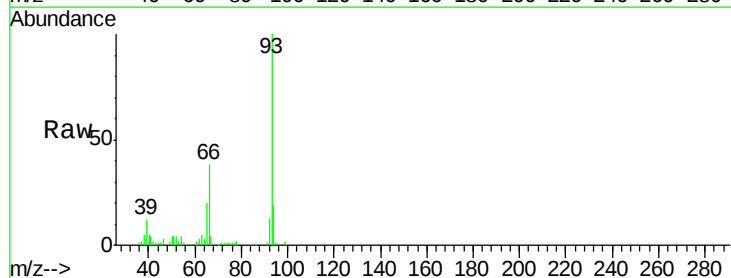
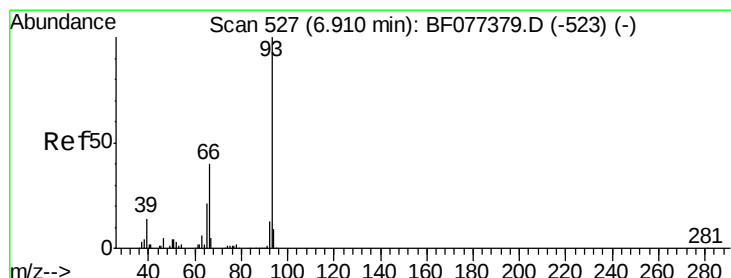
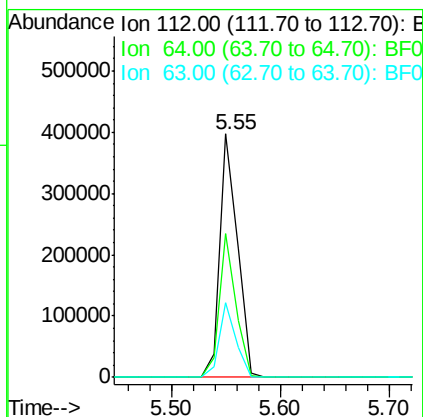
BNA_F

ClientSampled :

SB13MSD

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#6

Aniline

Concen: 14.00 ng

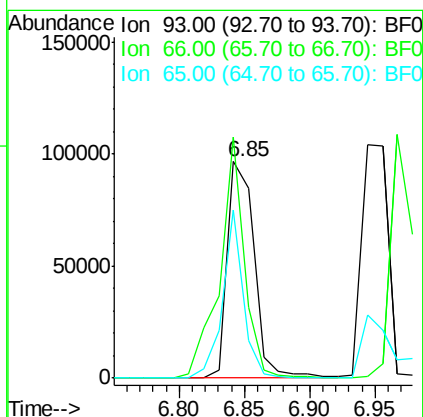
RT: 6.85 min Scan# 522

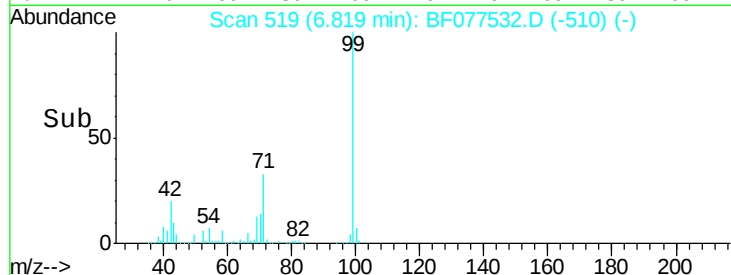
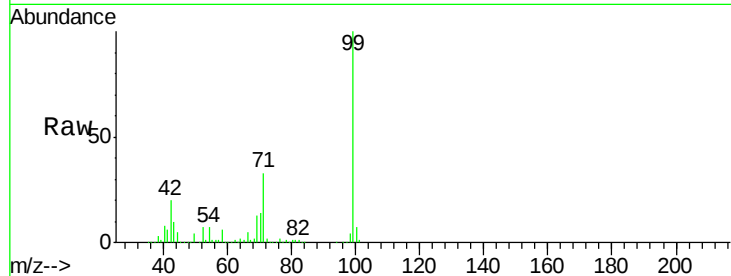
Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:	93	Resp:	138949
Ion Ratio	Lower	Upper	
93	100		
66	37.7	29.1	43.7
65	20.1	14.6	22.0





#7

Phenol-d6

Concen: 79.54 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF077532.D

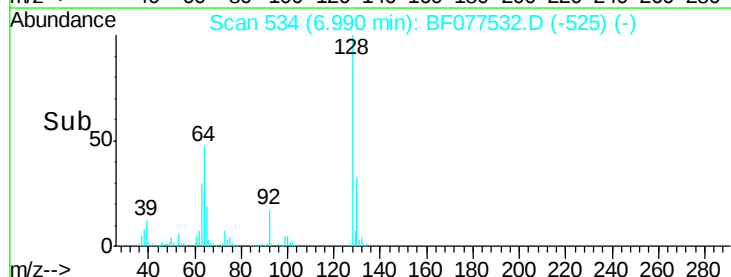
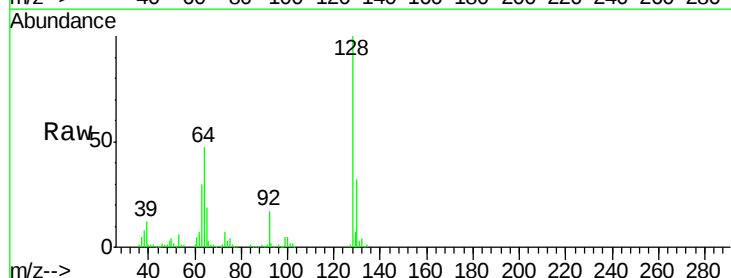
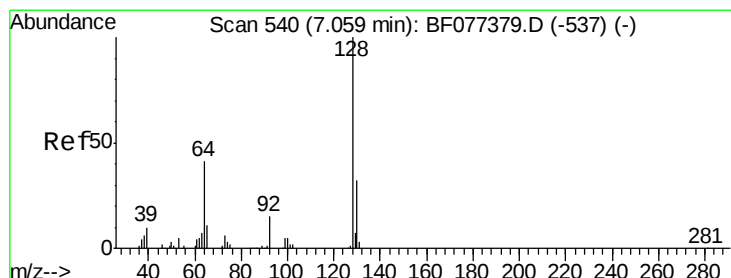
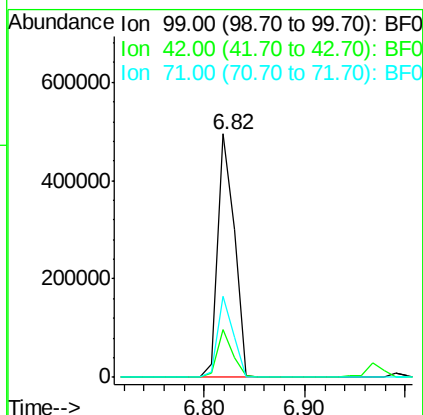
Acq: 2 Mar 2015 19:53

Tgt Ion:	99	Resp:	571290
Ion Ratio	Lower	Upper	
99	100		
42	19.5	16.2	24.4
71	33.2	26.7	40.1

Instrument :
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ClientSampleId :
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#8

2-Chlorophenol

Concen: 24.73 ng

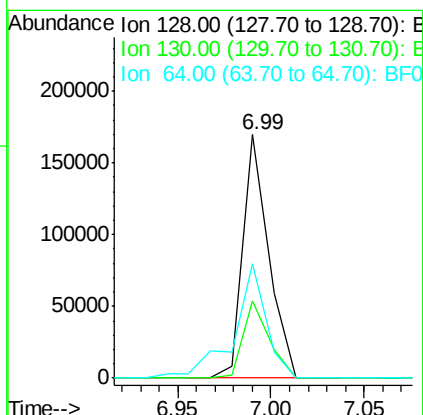
RT: 6.99 min Scan# 534

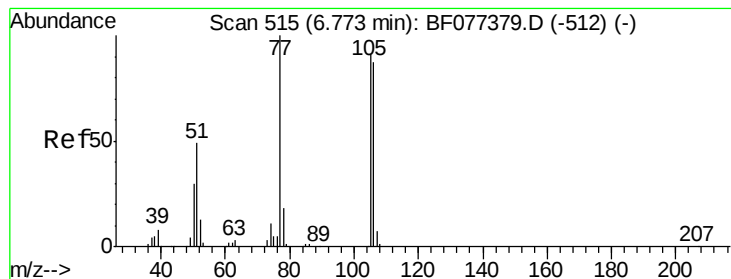
Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:	128	Resp:	162981
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	47.1	29.2	69.2





#9

Benzaldehyde

Concen: 7.52 ng

RT: 6.71 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF077532.D

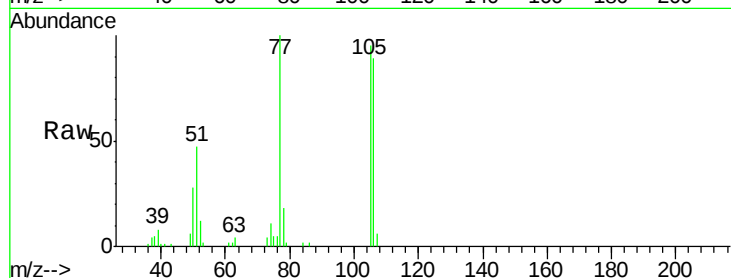
Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD



Tgt Ion: 77 Resp: 32778

Ion Ratio Lower Upper

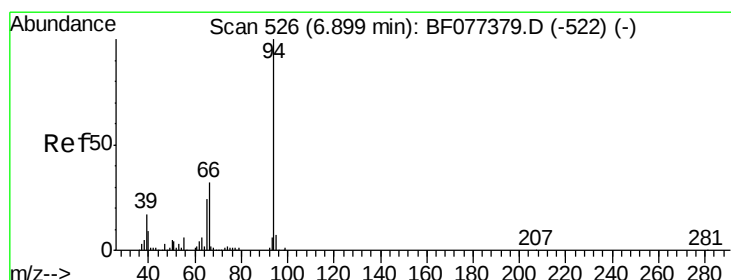
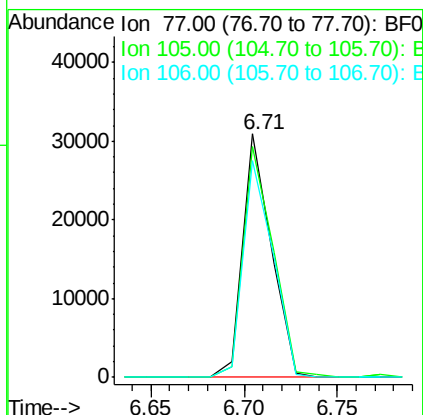
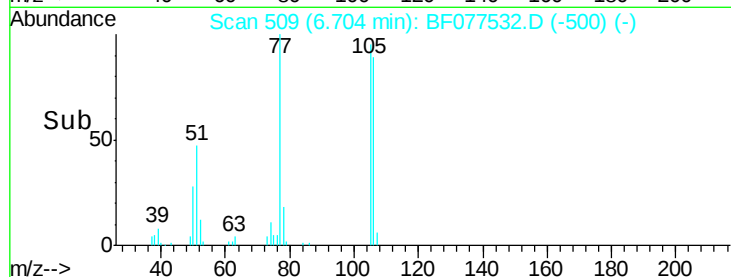
77 100

105 94.6 85.9 125.9

106 89.1 82.9 122.9

Manual Integrations
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#10

Phenol

Concen: 25.00 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

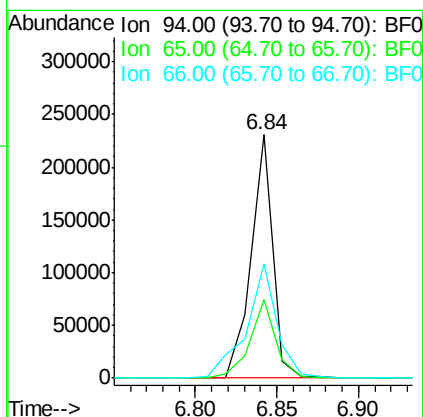
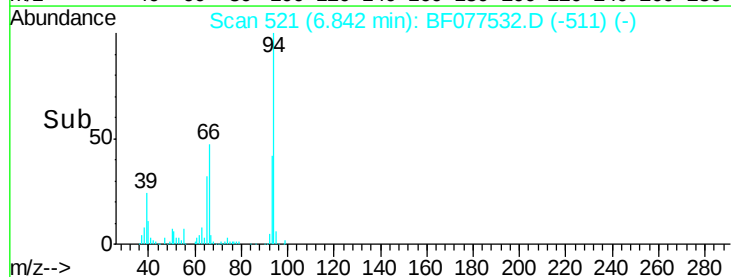
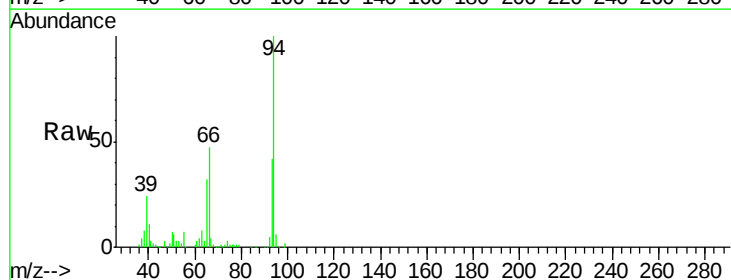
Tgt Ion: 94 Resp: 213022

Ion Ratio Lower Upper

94 100

65 32.5 5.7 45.7

66 46.7 13.6 53.6





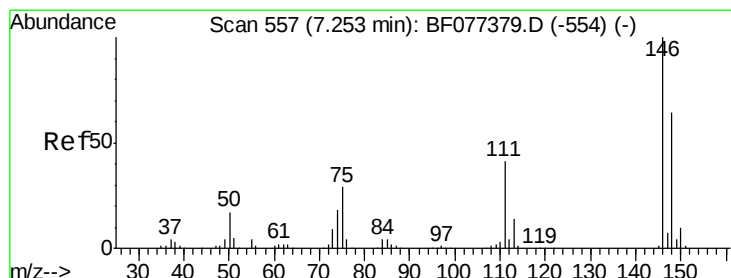
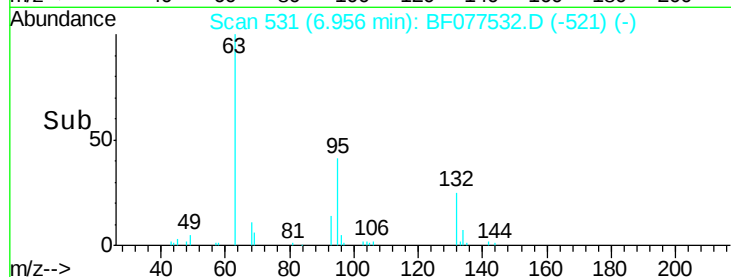
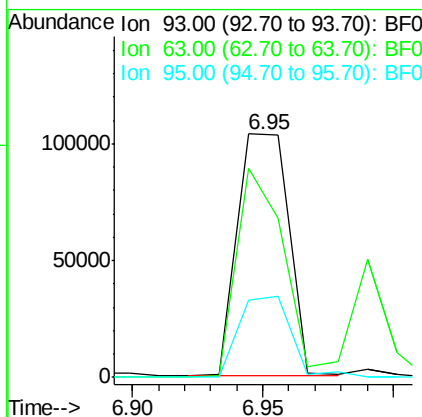
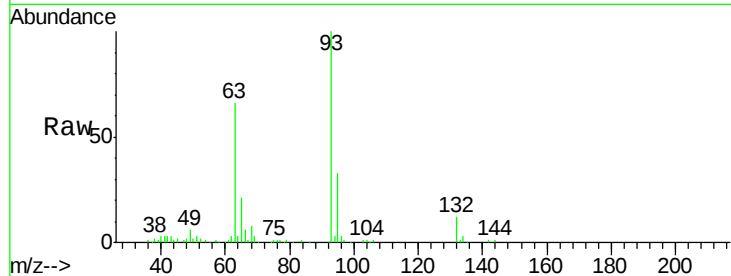
#11
bis(2-Chloroethyl)ether
Concen: 23.34 ng
RT: 6.95 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	65.7	48.7	88.7
95	33.4	13.6	53.6

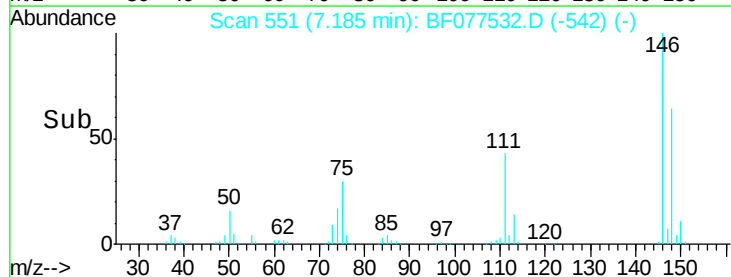
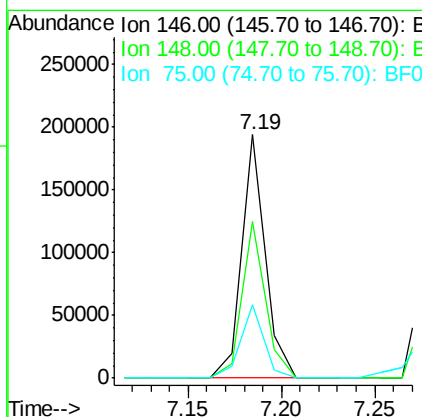
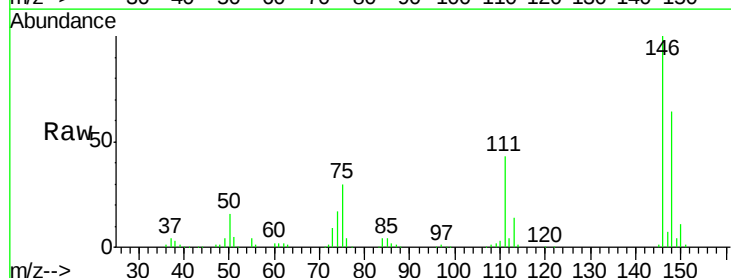
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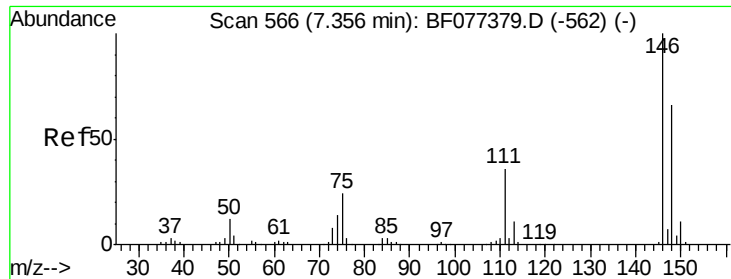
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#12
1,3-Dichlorobenzene
Concen: 23.77 ng
RT: 7.19 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.8
75	30.3	28.2	42.4





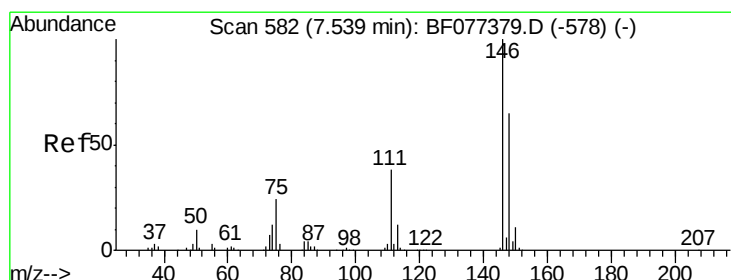
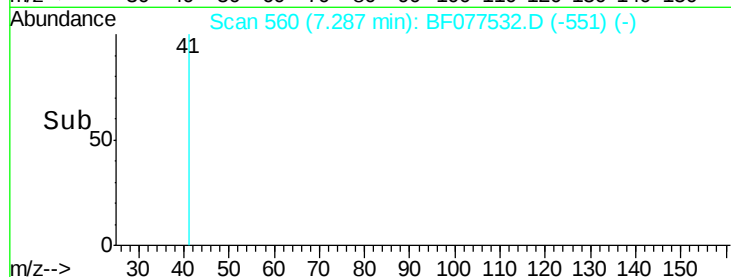
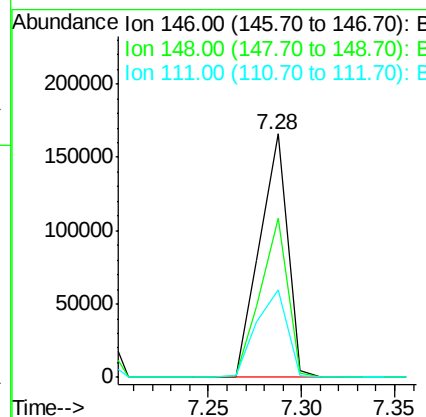
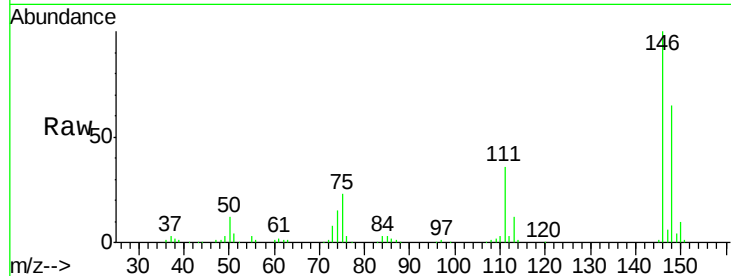
#13
 1,4-Dichlorobenzene
 Concen: 23.52 ng
 RT: 7.28 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.0	78.0
111	35.9	31.9	47.9

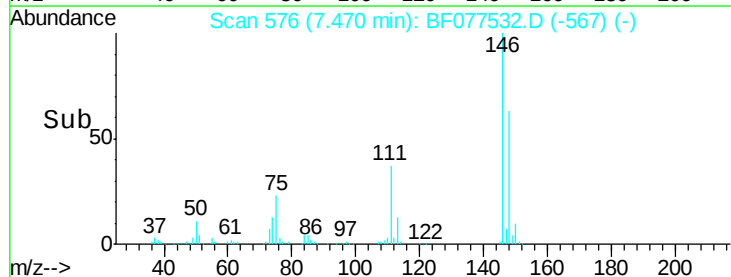
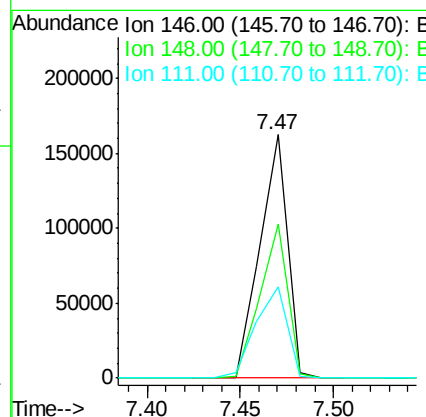
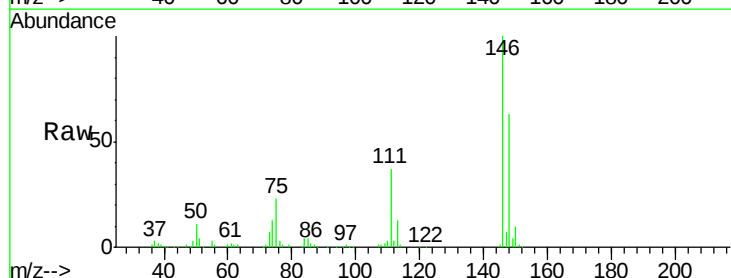
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#14
 1,2-Dichlorobenzene
 Concen: 23.90 ng
 RT: 7.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.6	77.4
111	37.2	34.2	51.2





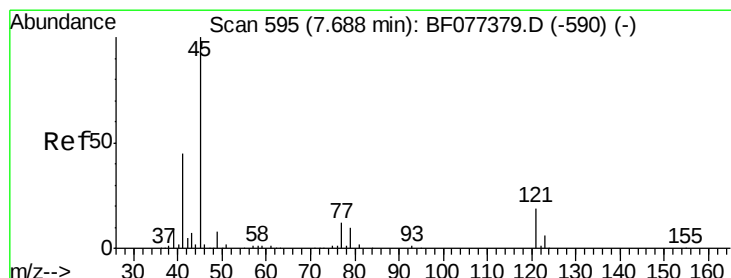
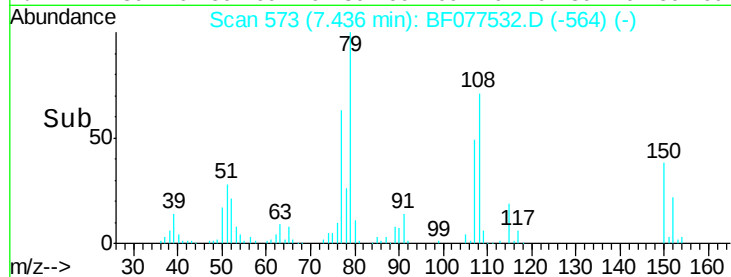
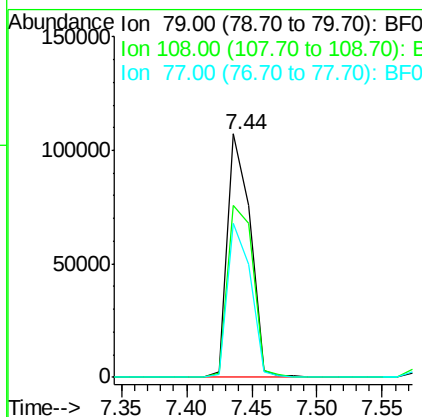
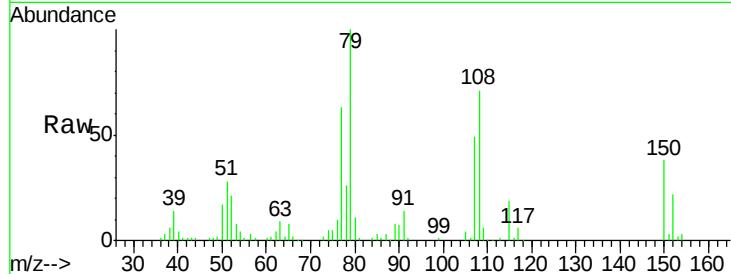
#15
Benzyl Alcohol
Concen: 23.86 ng
RT: 7.44 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.6	58.3	87.5
77	63.5	51.3	76.9

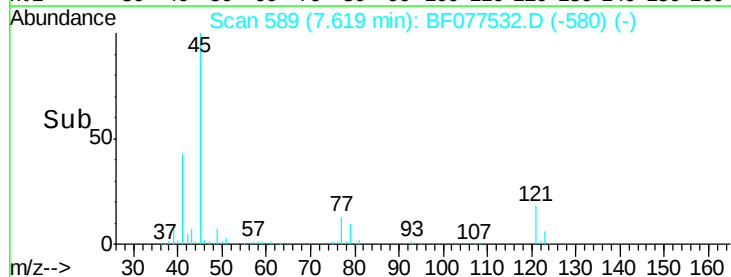
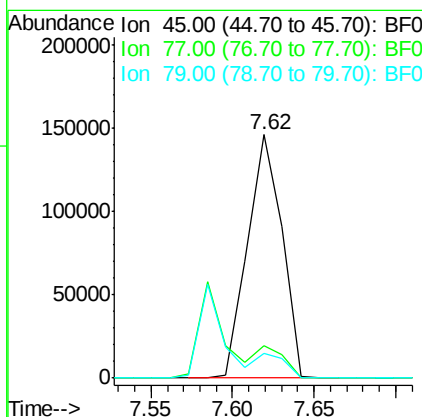
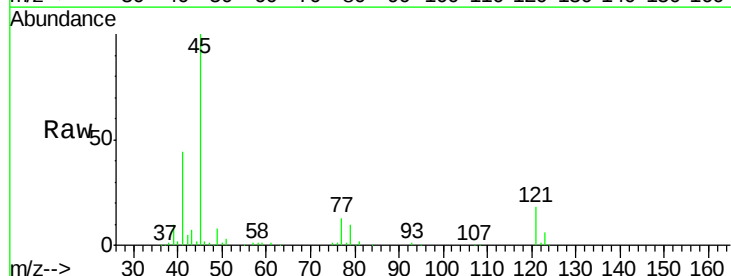
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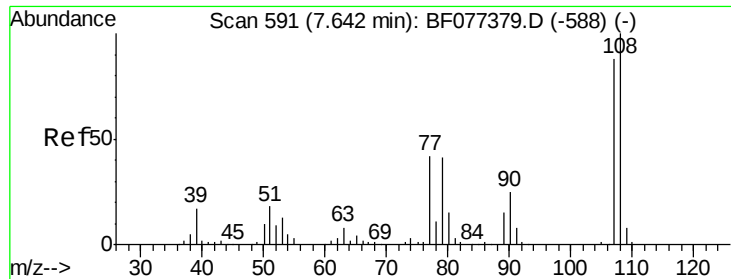
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.32 ng
RT: 7.62 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	34.6
79	10.3	0.0	31.5





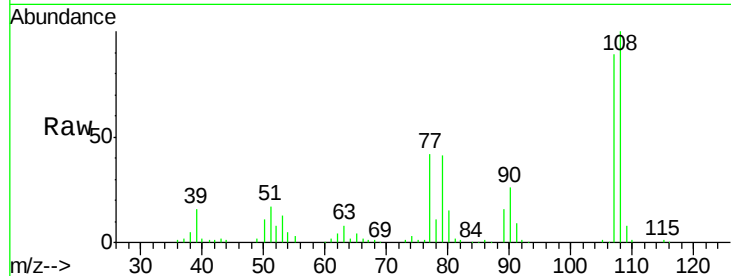
#17
2-Methylphenol
Concen: 24.27 ng
RT: 7.59 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

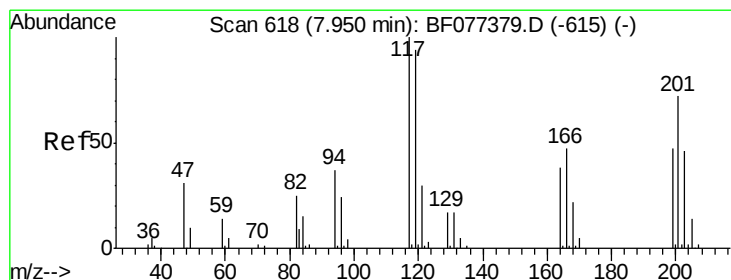
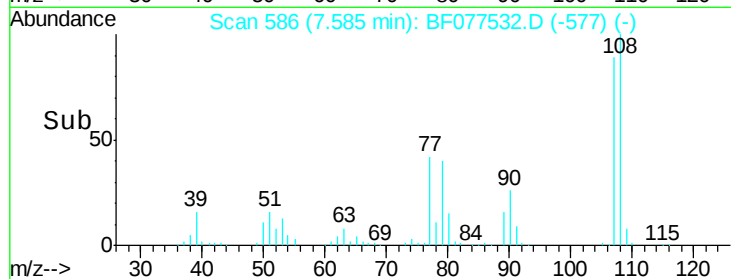
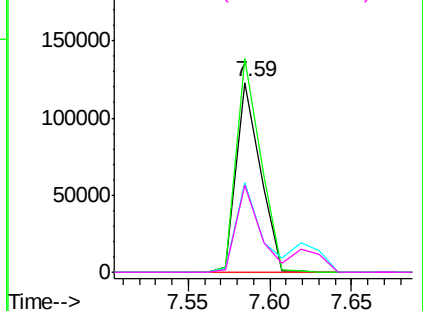
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	125025		
108	112.4	91.2	136.8	
77	47.1	33.6	50.4	
79	45.8	32.1	48.1	

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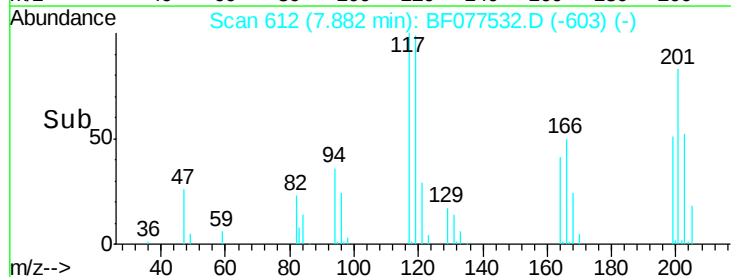
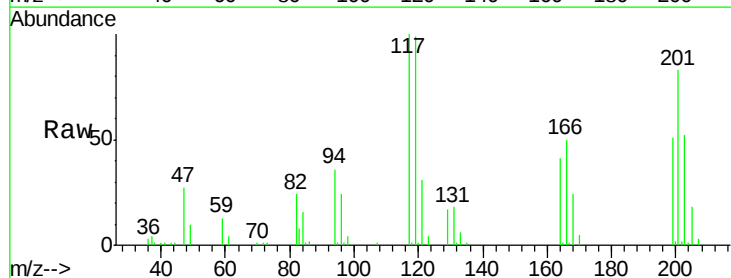
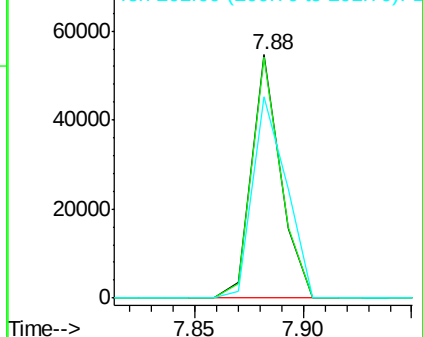
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

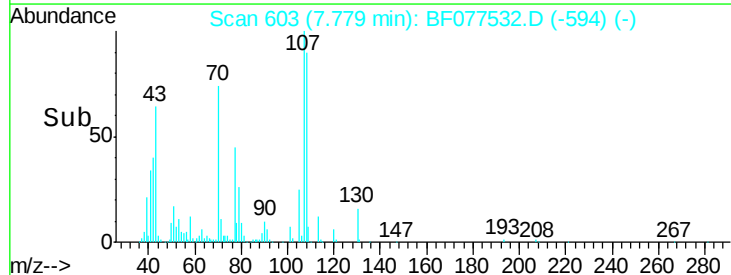
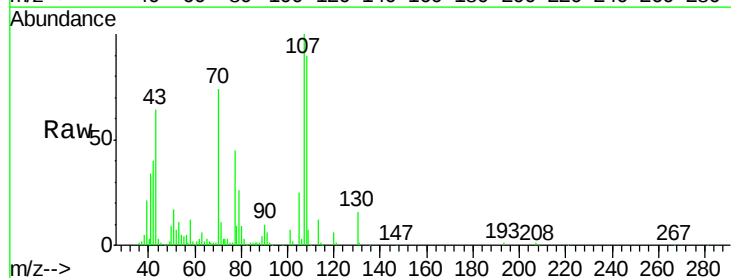
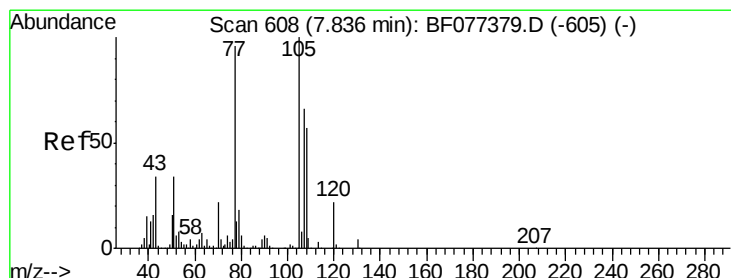
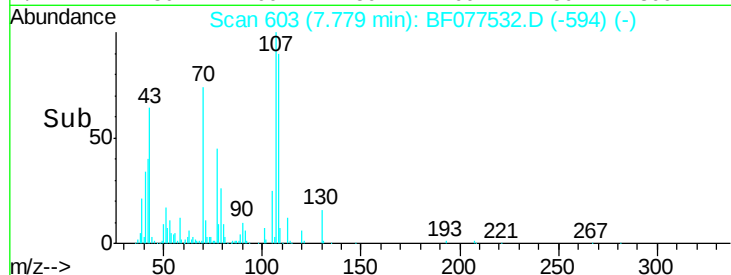
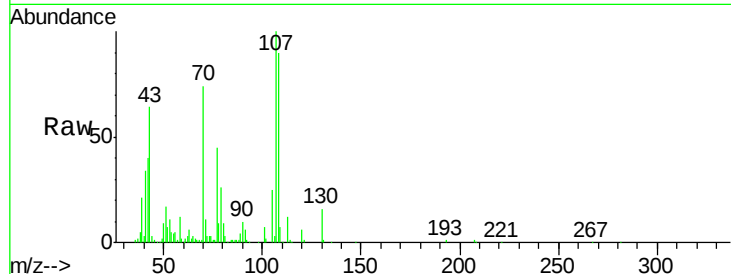


#18
Hexachloroethane
Concen: 20.74 ng
RT: 7.88 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50564		
119	99.1	77.8	116.8	
201	82.6	90.6	136.0#	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

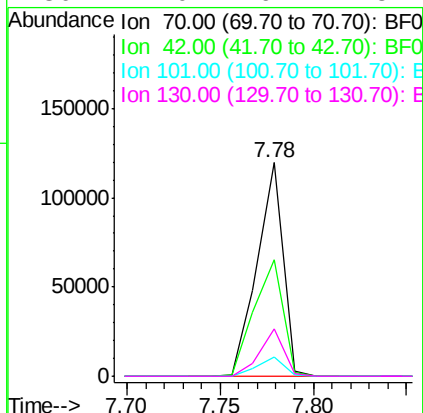




#19
n-Nitroso-di-n-propylamine
Concen: 25.72 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.5	48.3	72.5
101	9.1	7.5	11.3
130	22.0	16.7	25.1

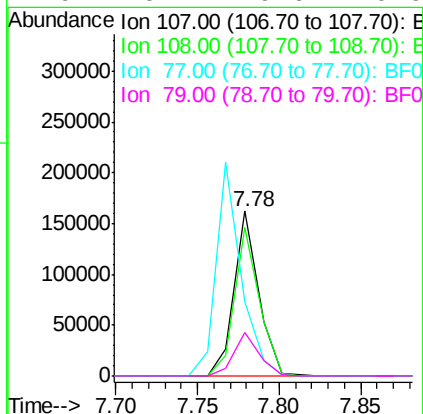


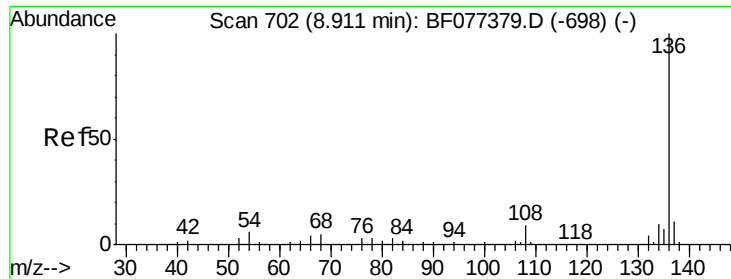
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#20
3+4-Methylphenols
Concen: 24.83 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	76.8	116.8
77	45.3	65.8	105.8#
79	26.2	9.6	49.6





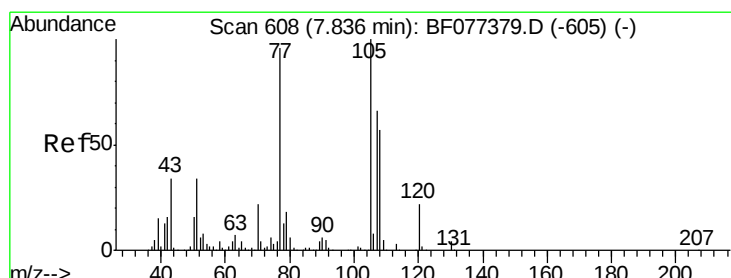
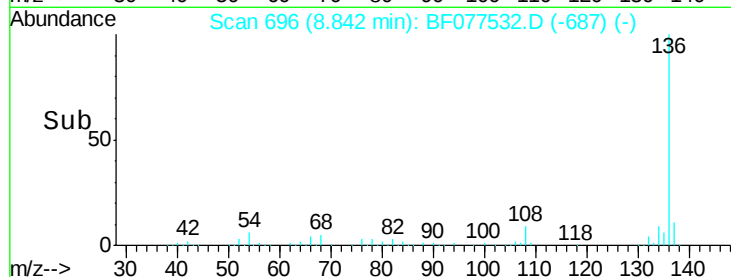
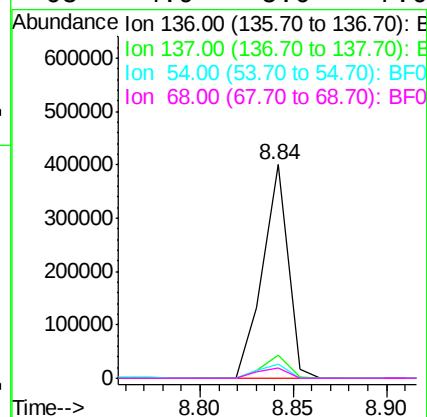
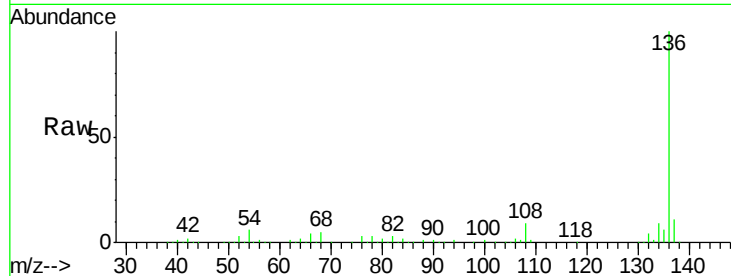
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	377108		
137	10.7	8.6	13.0	
54	6.3	6.2	9.4	
68	4.9	5.0	7.6#	

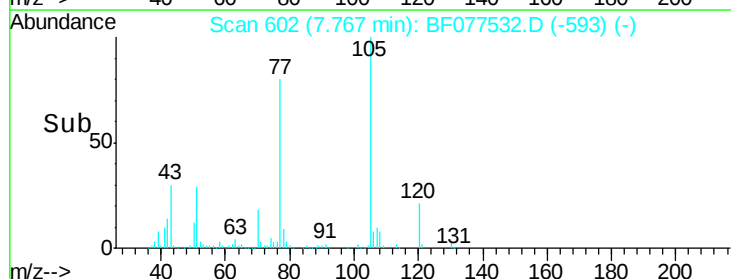
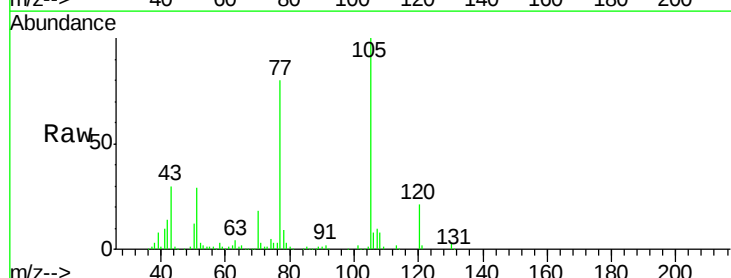
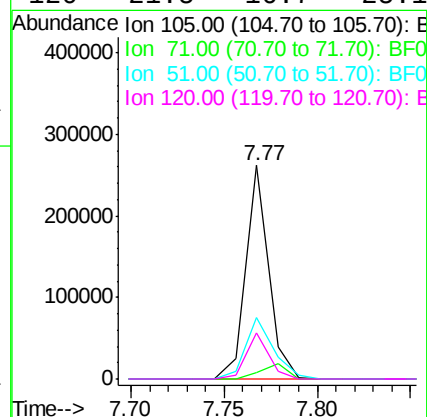
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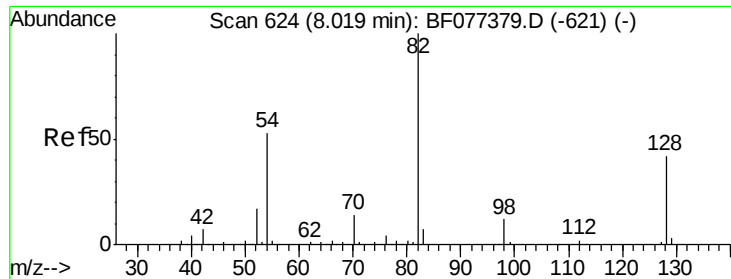
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#22
Acetophenone
Concen: 25.30 ng
RT: 7.77 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224460		
71	3.2	1.7	2.5#	
51	28.7	30.7	46.1#	
120	21.5	16.7	25.1	





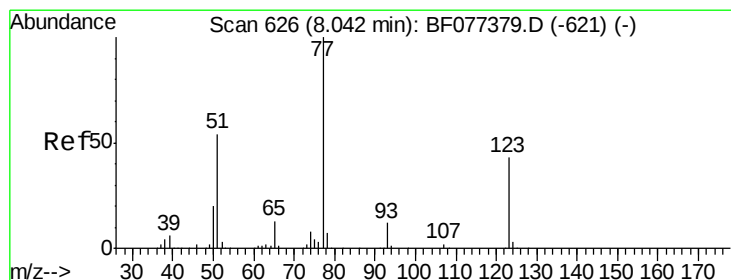
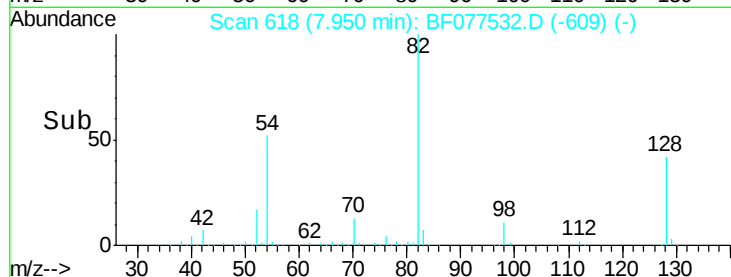
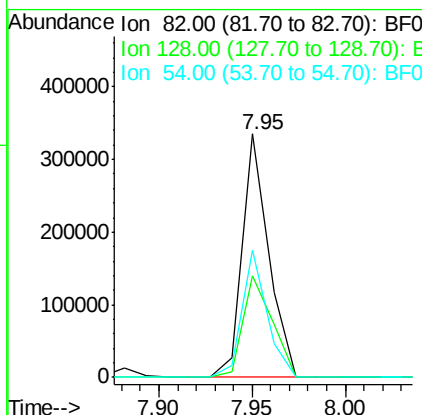
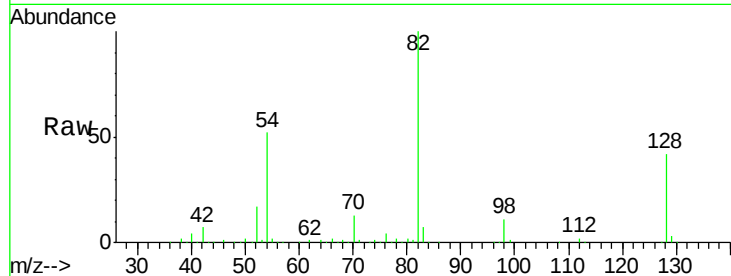
#23
 Nitrobenzene-d5
 Concen: 54.23 ng
 RT: 7.95 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.9	43.8	65.8#
54	52.4	36.7	55.1

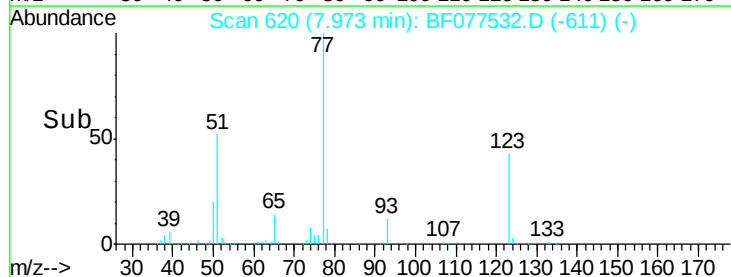
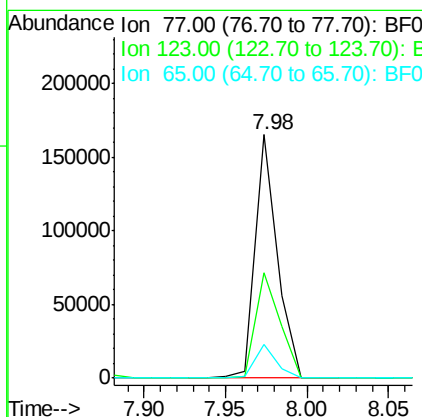
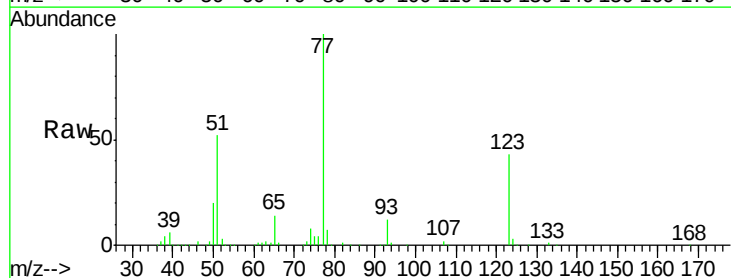
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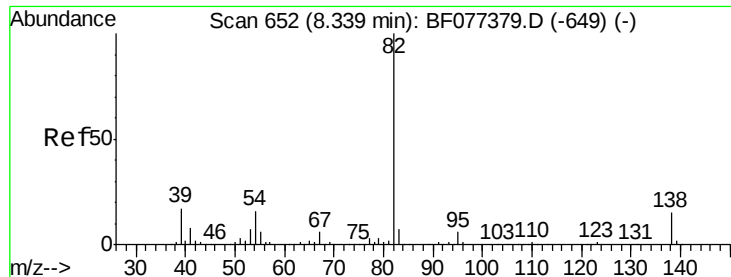
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#24
 Nitrobenzene
 Concen: 24.49 ng
 RT: 7.98 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.3	45.9	68.9#
65	13.8	9.5	14.3





#25

Isophorone

Concen: 25.10 ng

RT: 8.28 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

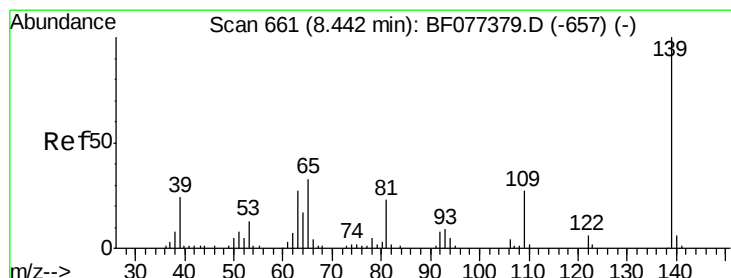
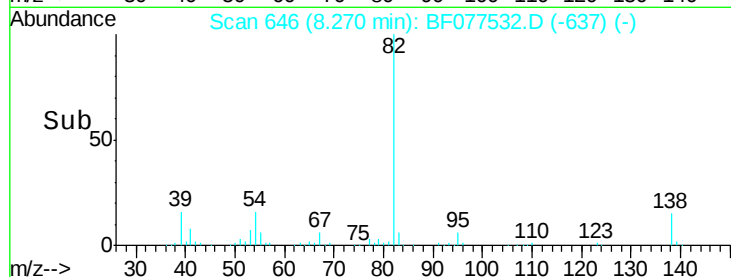
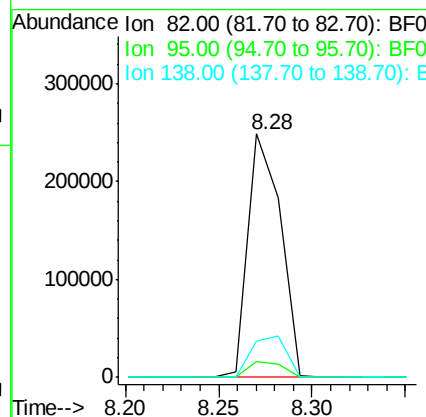
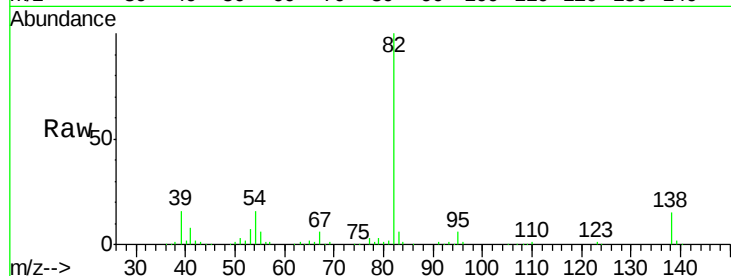
ClientSampleId :

SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	302035		
95	6.4	5.4	8.2	
138	15.1	16.3	24.5#	

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#26

2-Nitrophenol

Concen: 25.83 ng

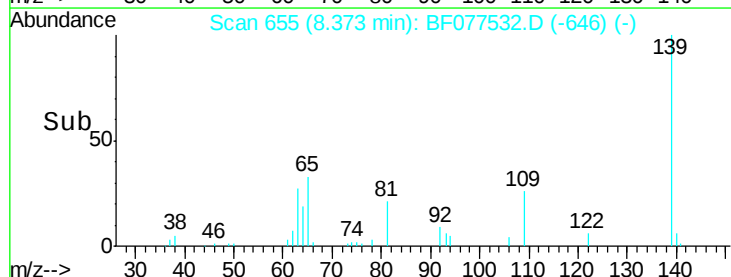
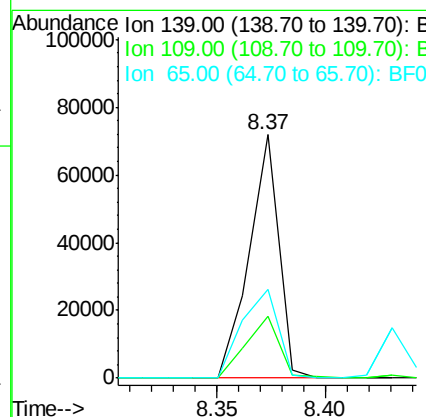
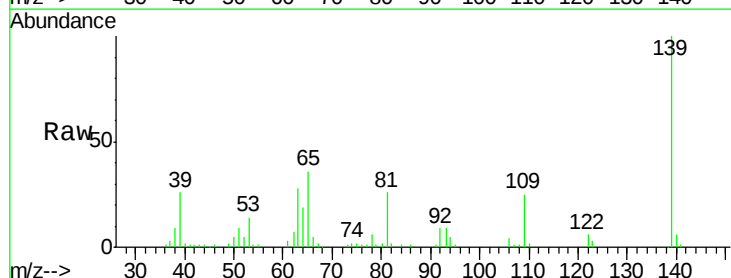
RT: 8.37 min Scan# 655

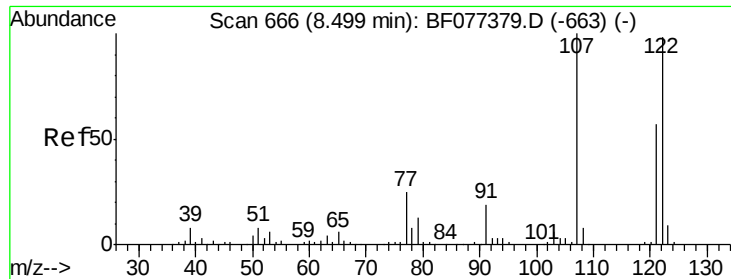
Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67533		
109	25.5	22.6	34.0	
65	36.5	36.4	54.6	





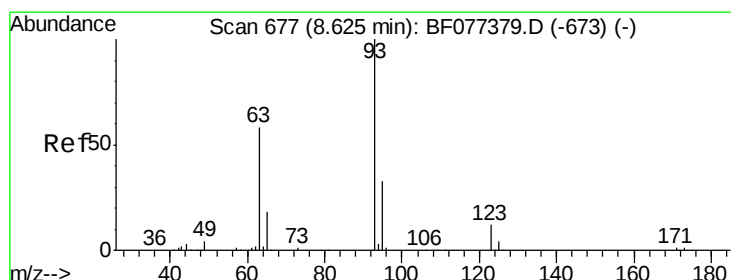
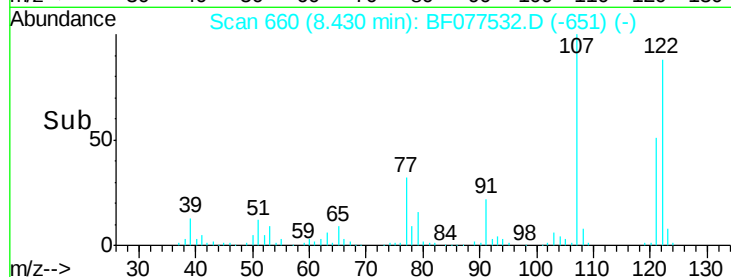
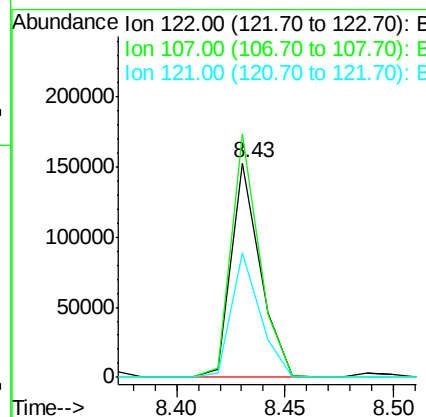
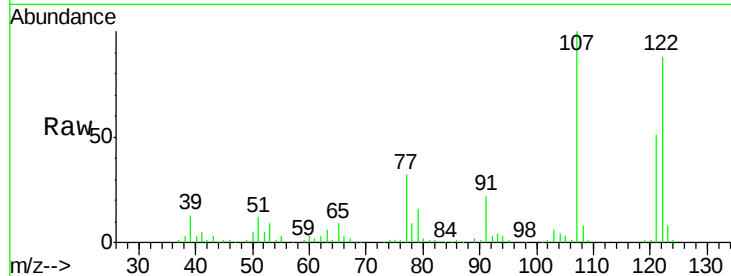
#27
 2,4-Dimethylphenol
 Concen: 24.20 ng
 RT: 8.43 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	141606		
107	113.7	86.6	130.0	
121	58.0	47.4	71.0	

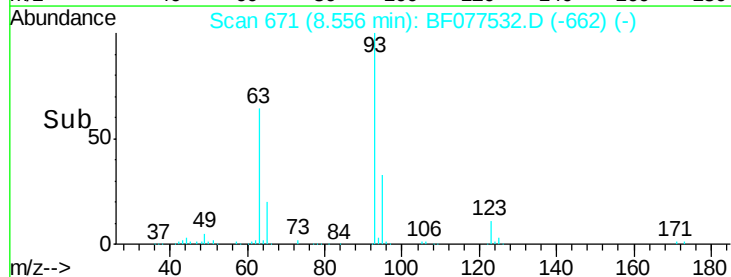
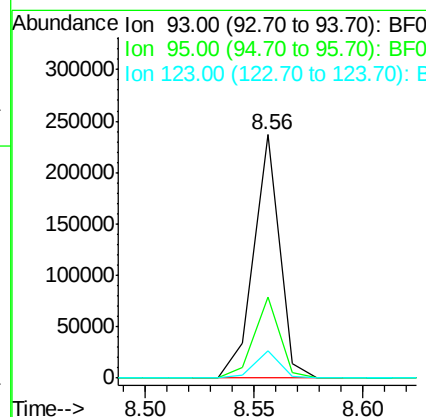
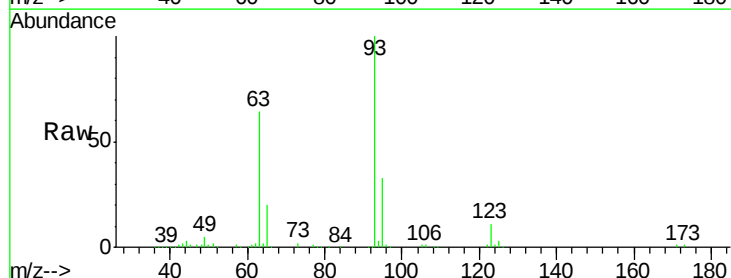
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#28
 bis(2-Chloroethoxy)methane
 Concen: 25.70 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195359		
95	33.1	26.4	39.6	
123	11.4	8.7	13.1	





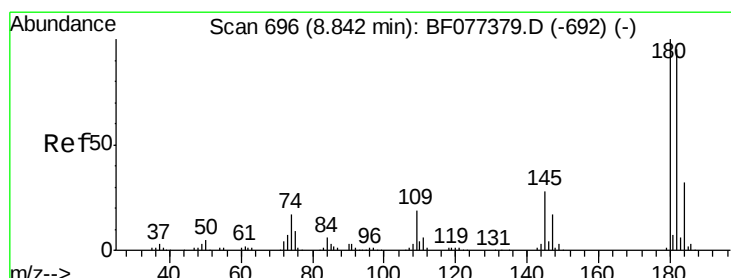
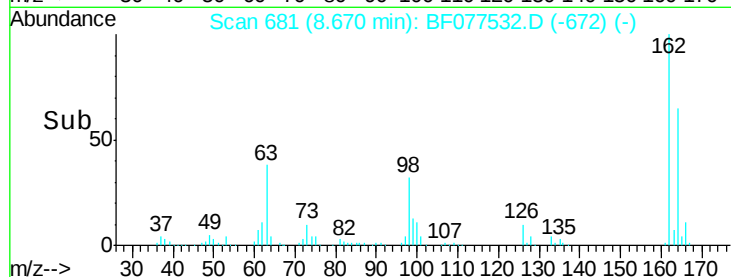
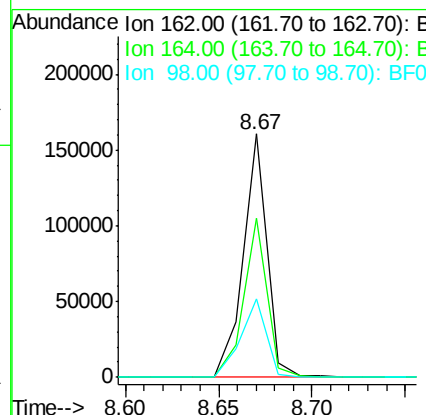
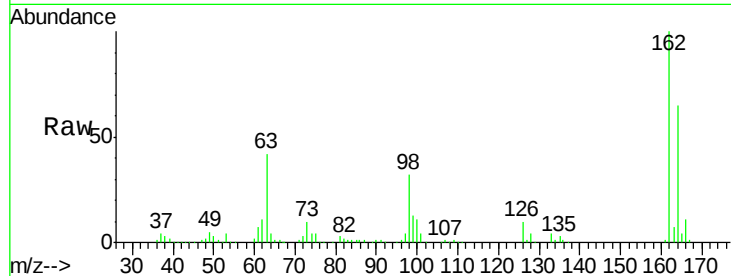
#29
 2,4-Dichlorophenol
 Concen: 26.12 ng
 RT: 8.67 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	143428		
164	65.3	46.4	86.4	
98	32.0	6.9	46.9	

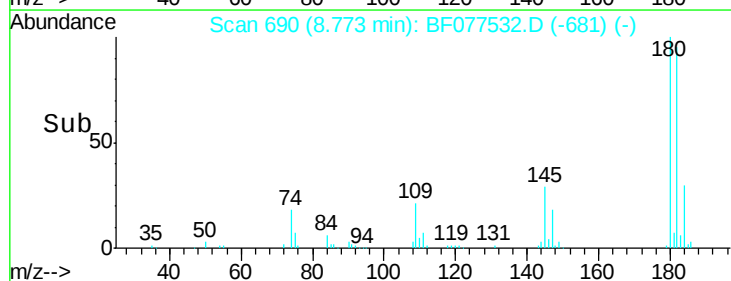
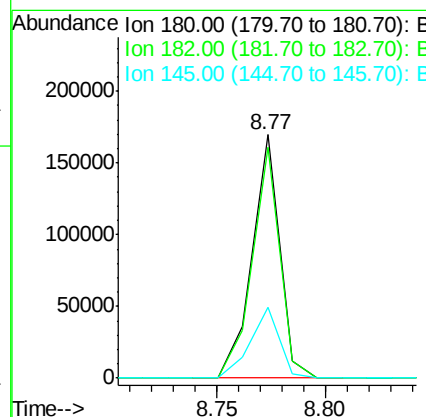
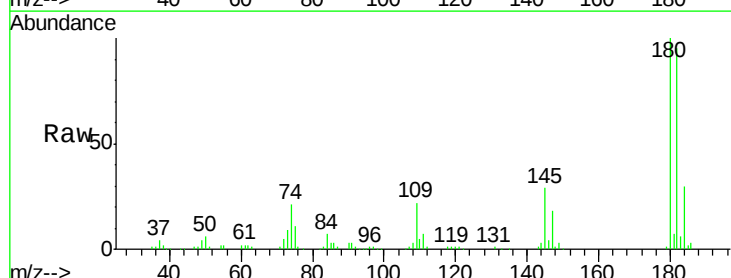
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#30
 1,2,4-Trichlorobenzene
 Concen: 24.74 ng
 RT: 8.77 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149405		
182	94.7	76.2	114.4	
145	29.0	24.5	36.7	





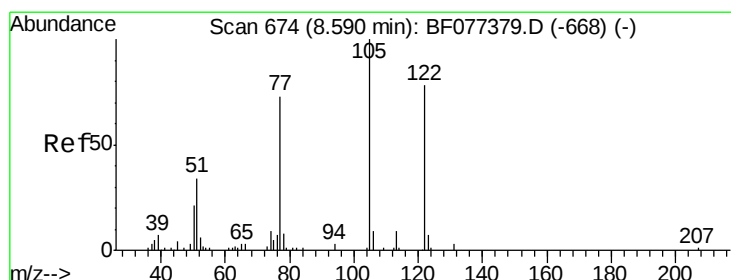
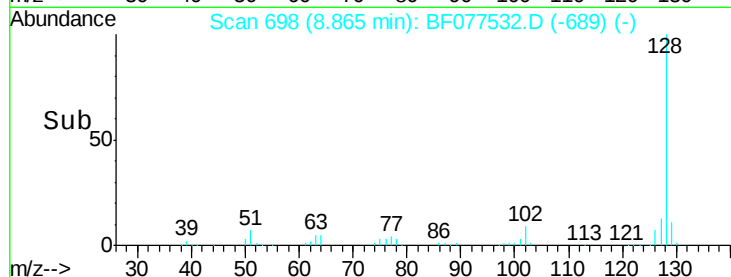
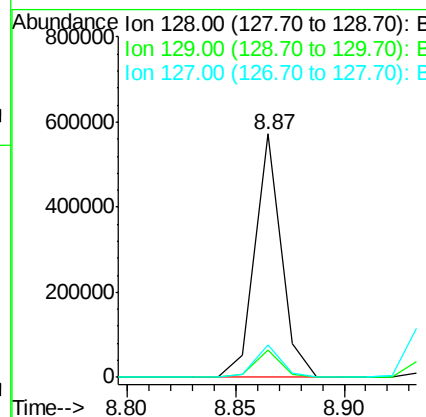
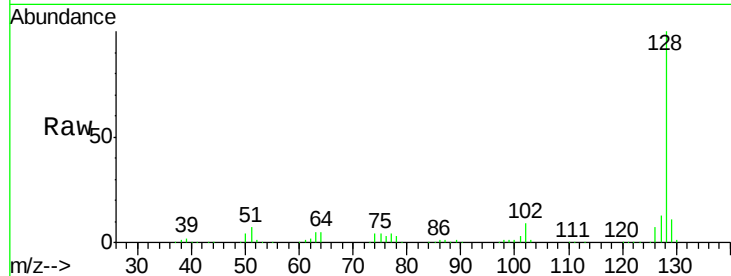
#31
Naphthalene
Concen: 25.62 ng
RT: 8.87 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	9.4	14.0
127	13.3	10.6	15.8

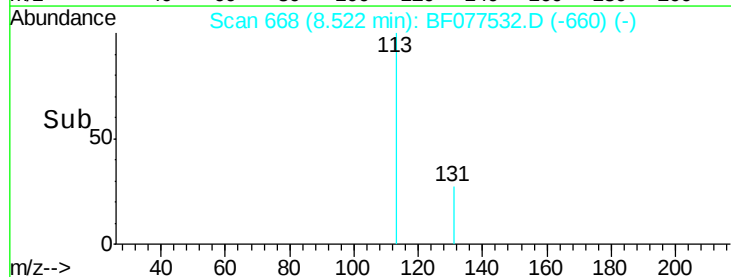
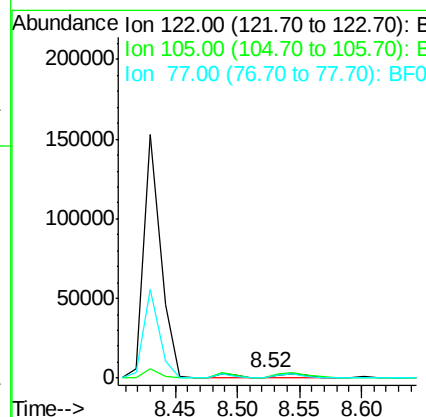
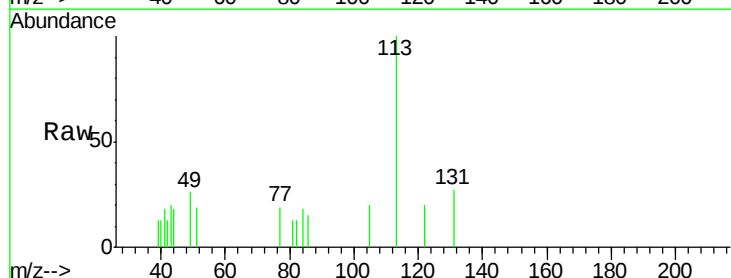
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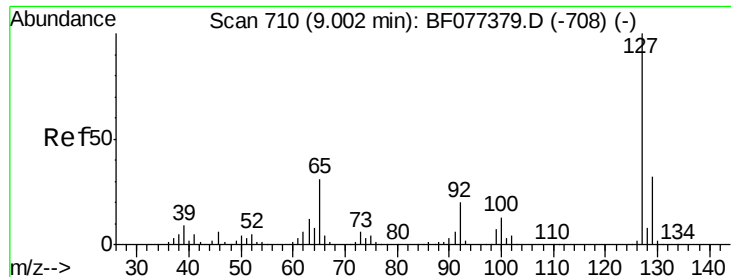
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#32
Benzoic acid
Concen: 3.39 ng m
RT: 8.52 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	99.6	100.3	140.3#
77	97.3	68.7	108.7





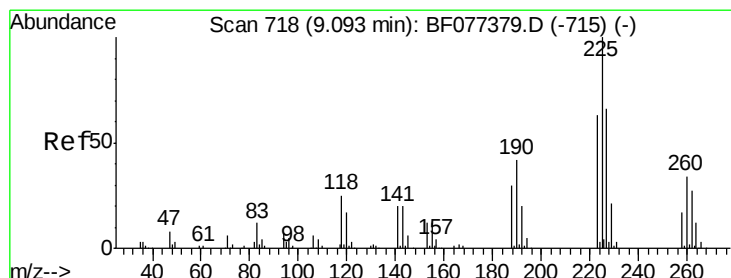
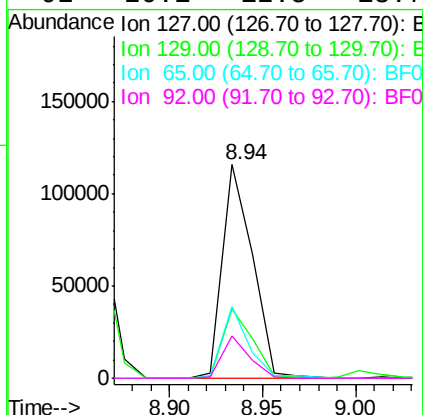
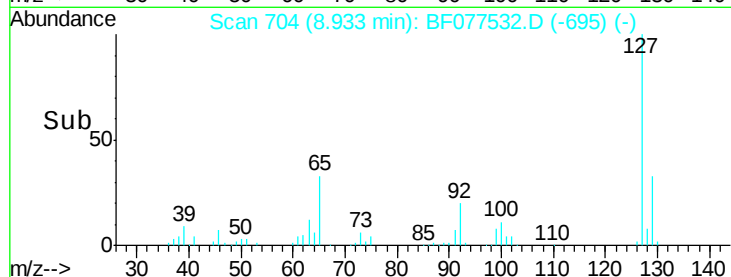
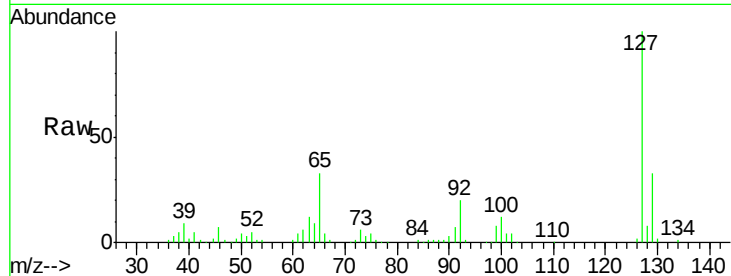
#33
4-Chloroaniline
Concen: 15.67 ng
RT: 8.94 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.9	40.3	
65	33.4	16.7	25.1#	
92	20.1	12.5	18.7#	

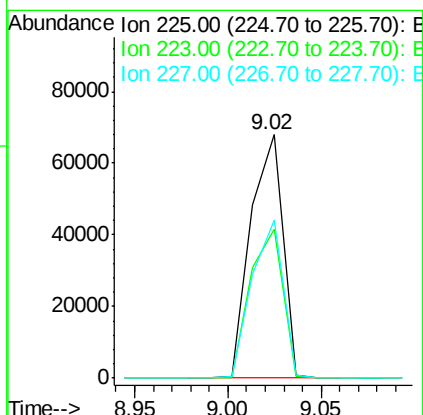
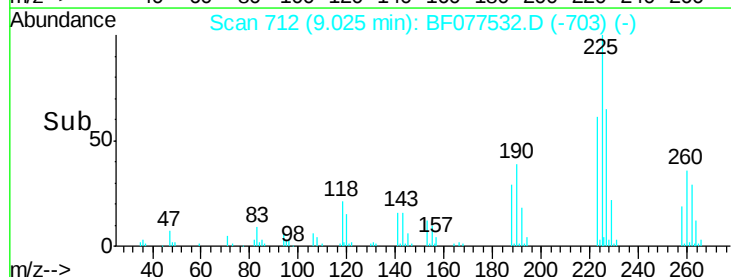
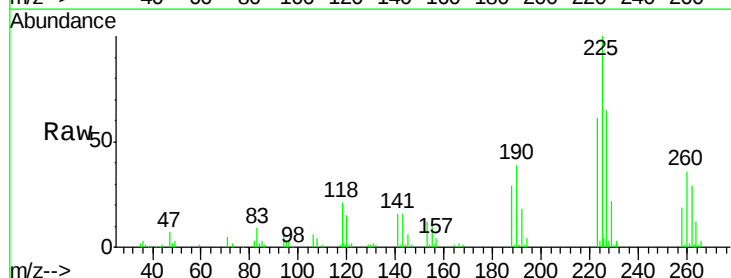
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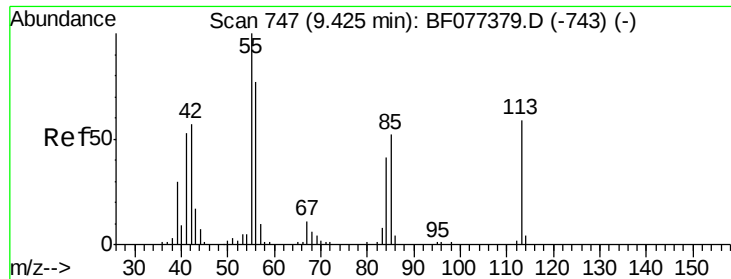
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#34
Hexachlorobutadiene
Concen: 23.42 ng
RT: 9.02 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	49.5	74.3	
227	65.0	50.5	75.7	





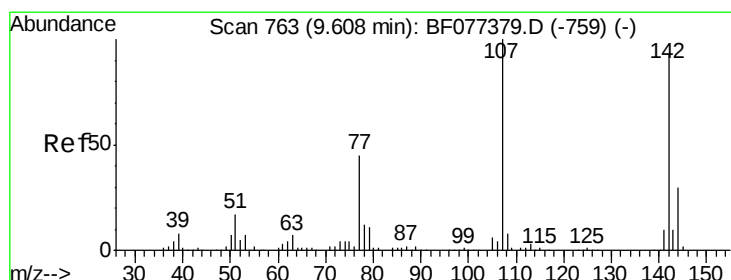
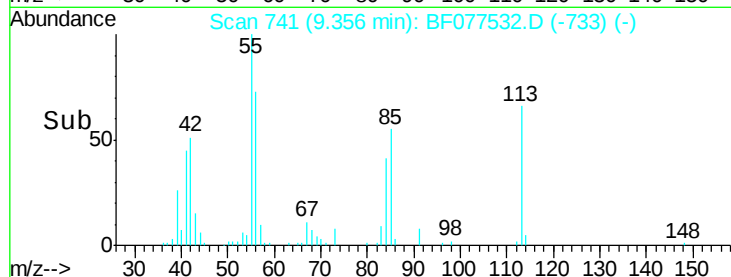
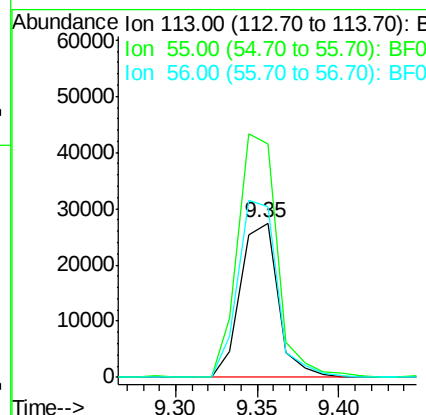
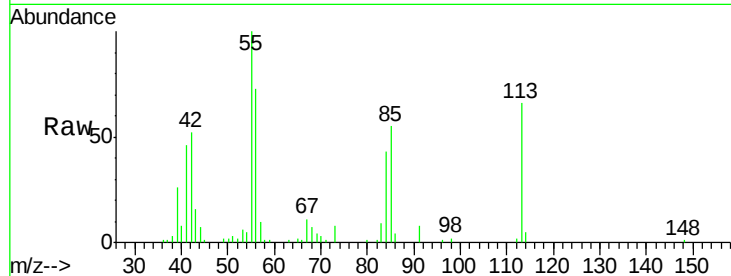
#35
 Caprolactam
 Concen: 26.18 ng
 RT: 9.35 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleID :
 SB13MSD

Tgt Ion:113 Resp: 43893
 Ion Ratio Lower Upper
 113 100
 55 150.7 154.6 194.6#
 56 110.5 114.0 154.0#

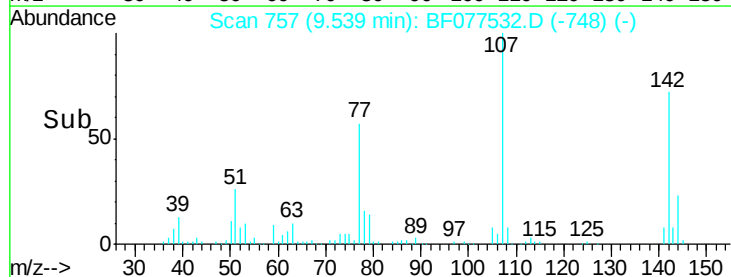
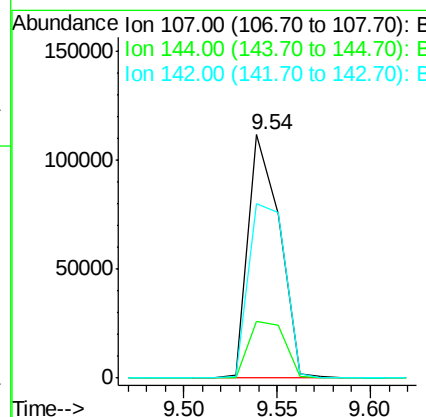
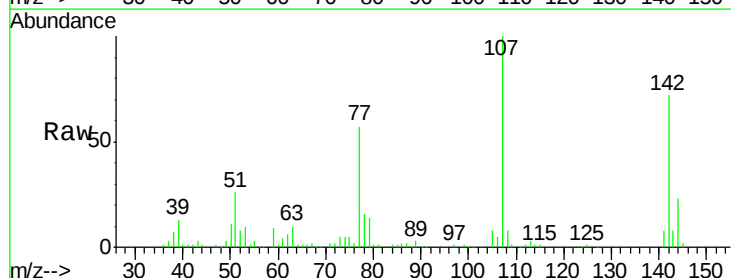
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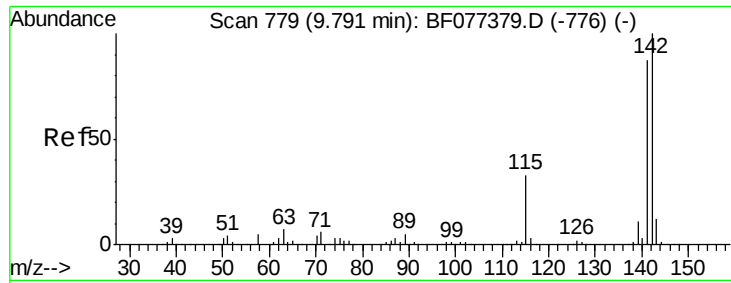
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#36
 4-Chloro-3-methylphenol
 Concen: 23.75 ng
 RT: 9.54 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:107 Resp: 131150
 Ion Ratio Lower Upper
 107 100
 144 23.1 21.1 31.7
 142 71.8 65.3 97.9





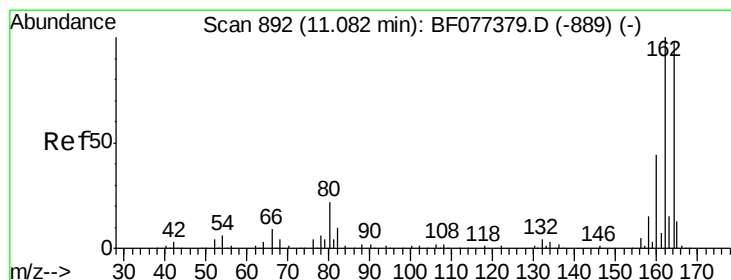
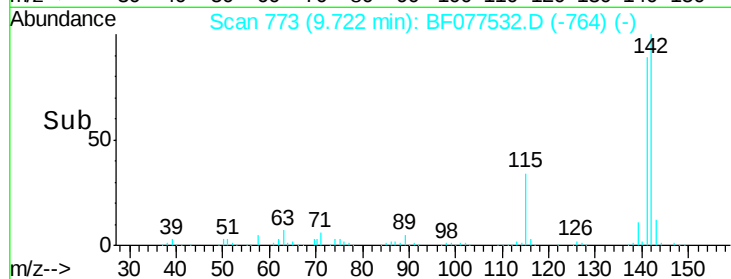
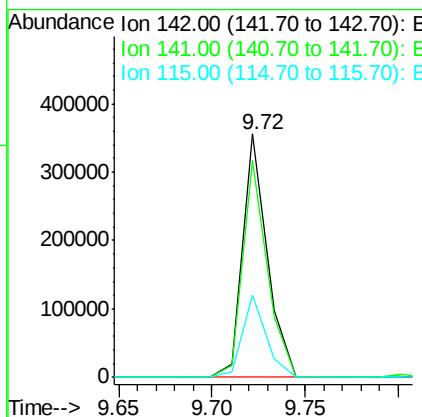
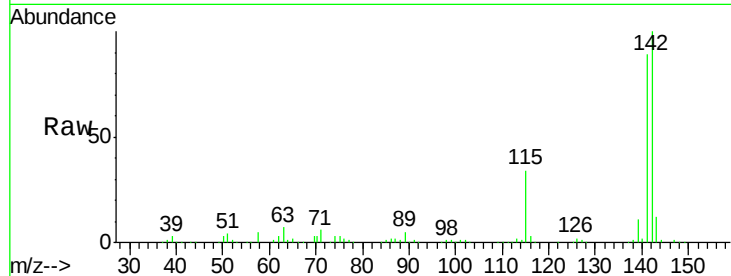
#37
 2-Methylnaphthalene
 Concen: 24.36 ng
 RT: 9.72 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	326246		
141	89.0	70.7	106.1	
115	33.6	24.2	36.4	

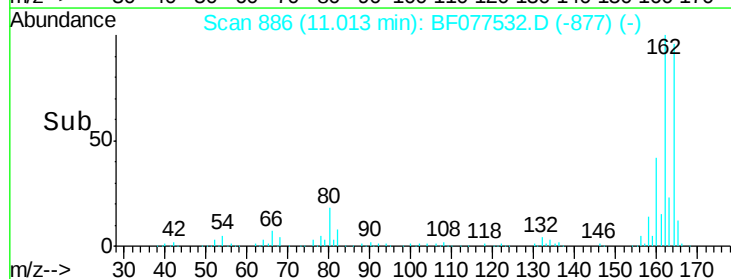
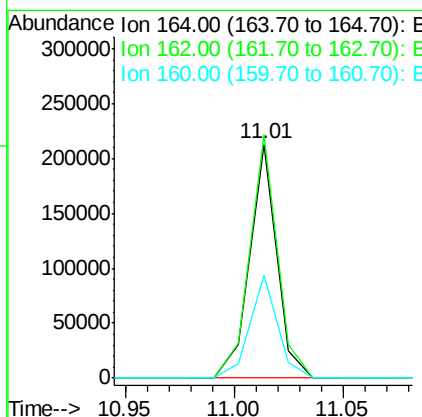
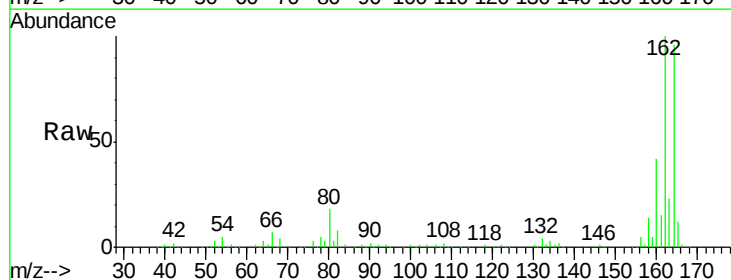
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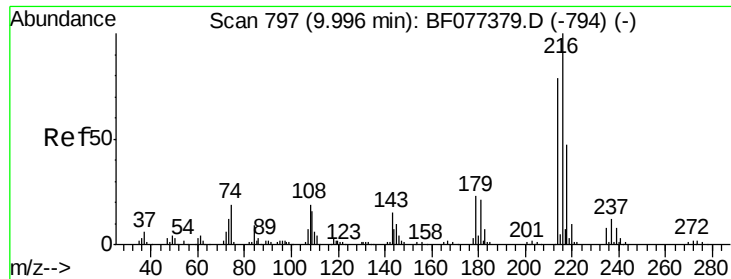
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183824		
162	104.2	83.2	124.8	
160	44.3	34.6	52.0	





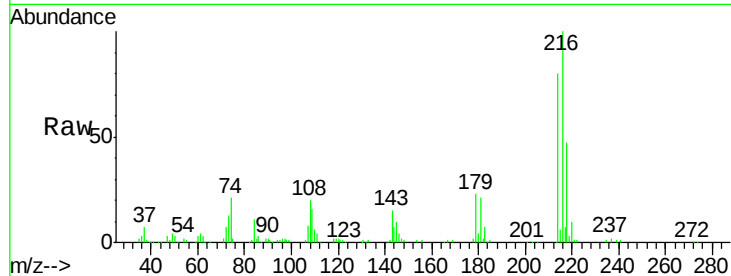
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.17 ng
 RT: 9.93 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

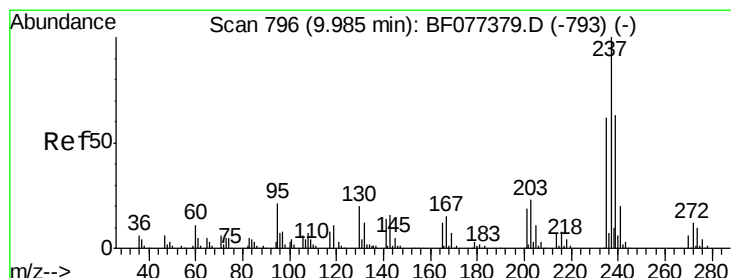
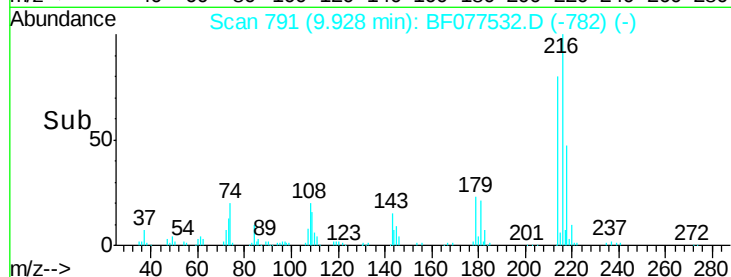
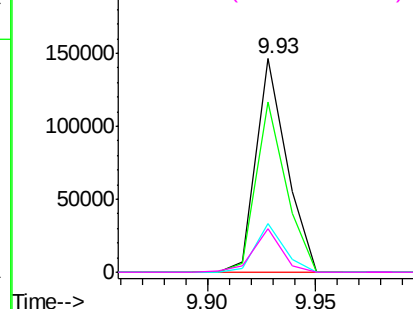
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	143290		
214	78.3	63.4	95.0	
179	21.1	16.6	25.0	
108	18.8	14.2	21.4	

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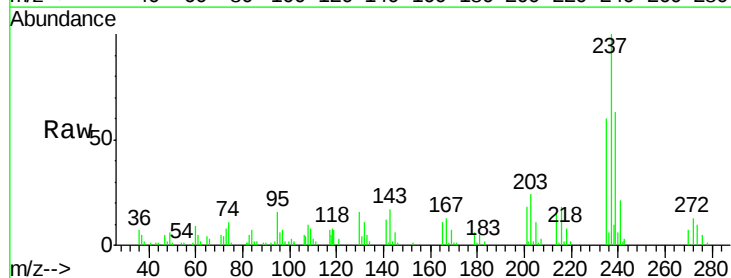


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

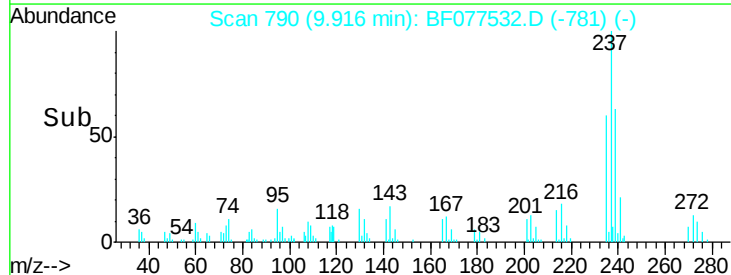
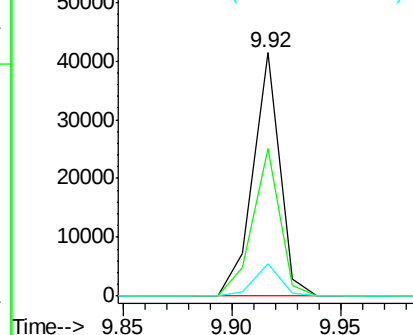


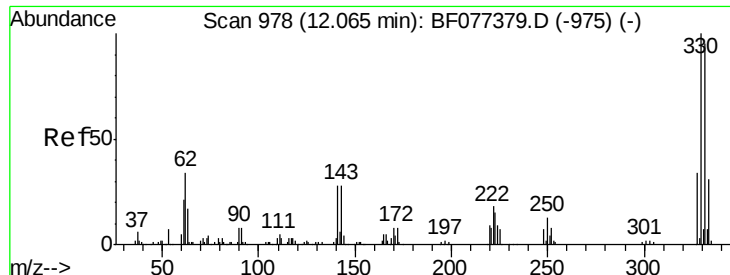
#40
 Hexachlorocyclopentadiene
 Concen: 12.53 ng
 RT: 9.92 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	35448		
235	60.4	41.0	81.0	
272	13.2	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





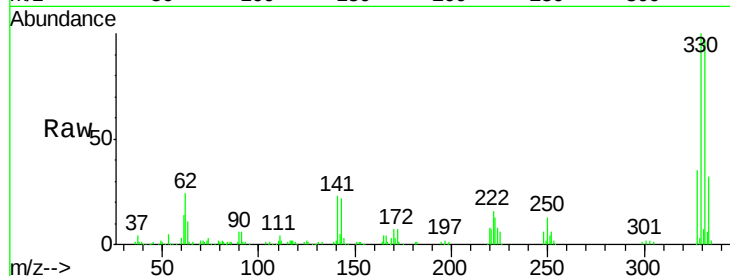
#41
 2,4,6-Tribromophenol
 Concen: 87.61 ng
 RT: 11.99 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

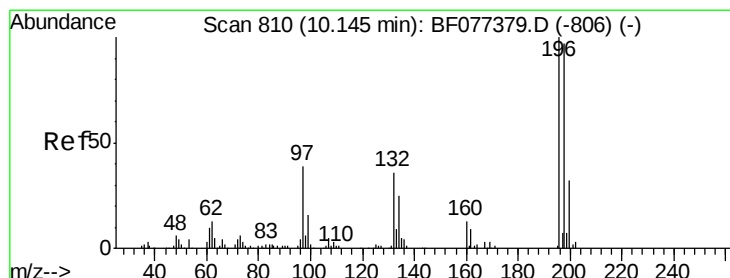
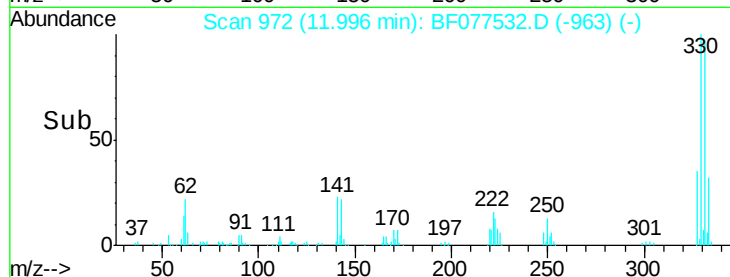
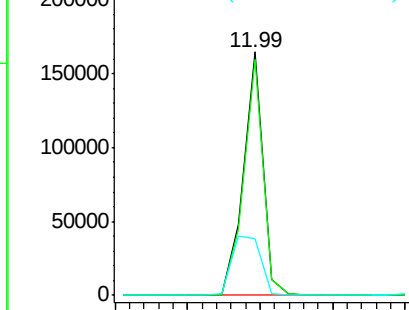
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	155063		
332	96.1	77.4	116.2	
141	35.7	28.8	43.2	

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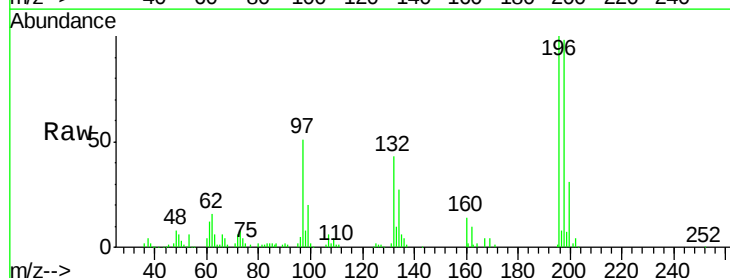


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

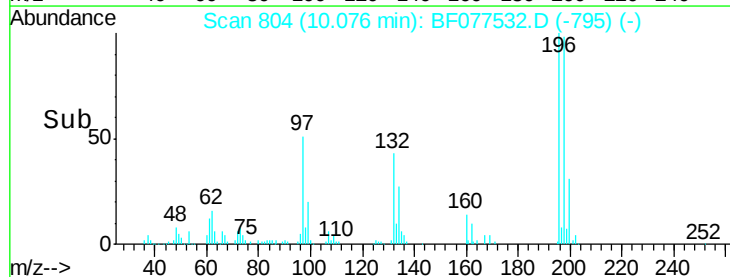
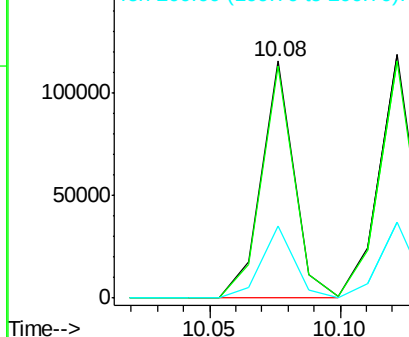


#42
 2,4,6-Trichlorophenol
 Concen: 28.46 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	99419		
198	98.0	75.8	113.8	
200	30.5	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





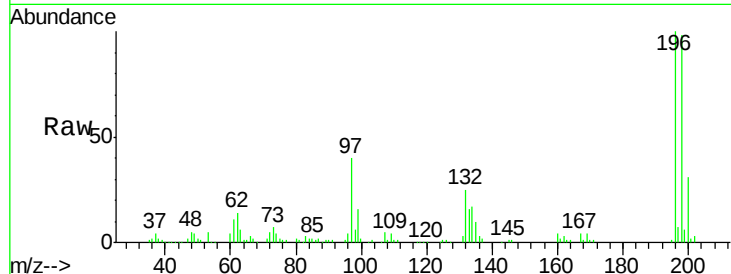
#43
 2,4,5-Trichlorophenol
 Concen: 28.44 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

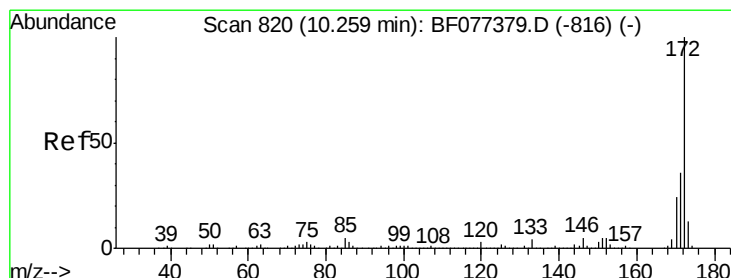
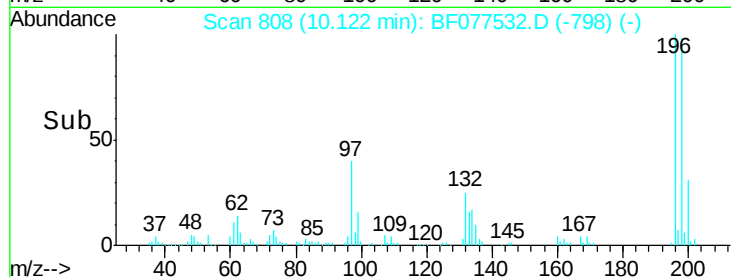
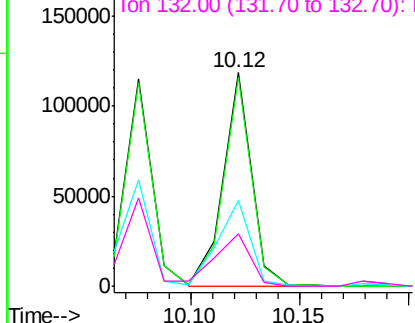
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106232		
198	97.6	77.2	115.8	
97	40.4	27.7	41.5	
132	24.8	18.0	27.0	

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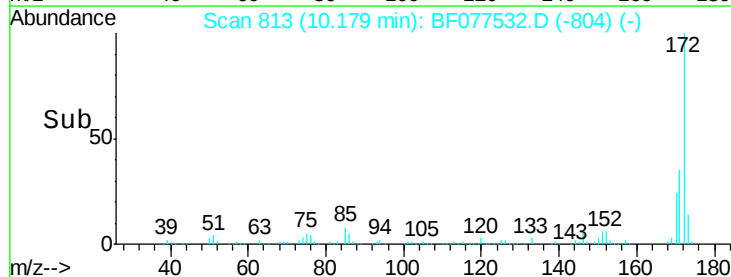
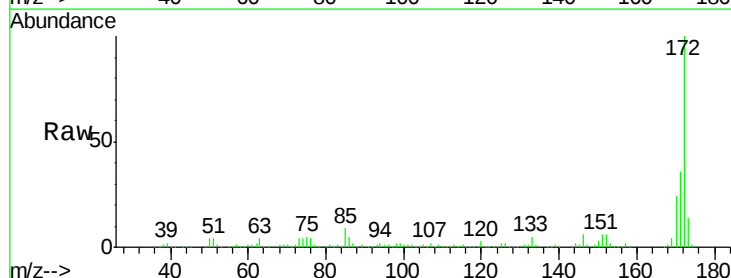
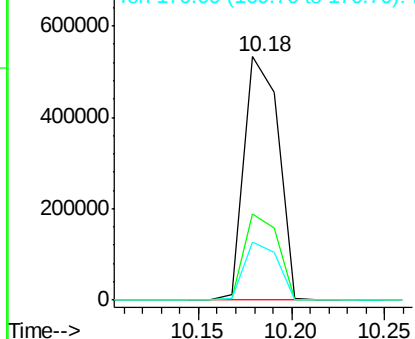
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.28 ng
 RT: 10.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	687108		
171	35.6	28.9	43.3	
170	23.6	19.4	29.2	

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





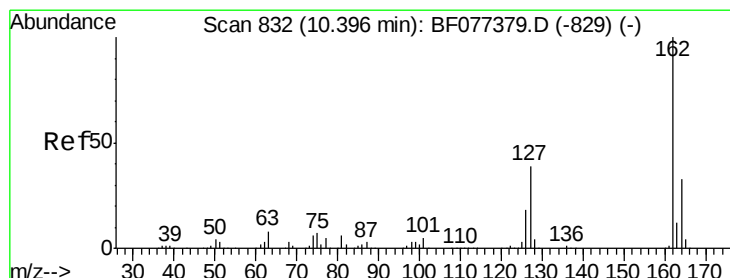
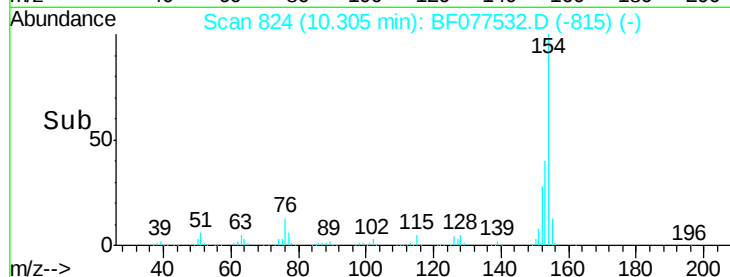
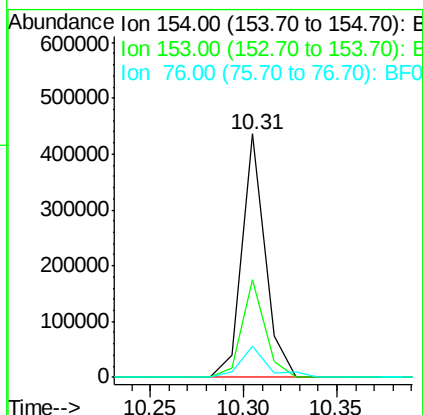
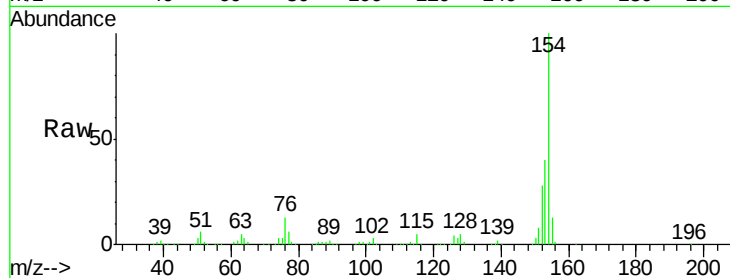
#45
1,1'-Biphenyl
Concen: 27.09 ng
RT: 10.31 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.2	60.2
76	13.0	0.0	29.4

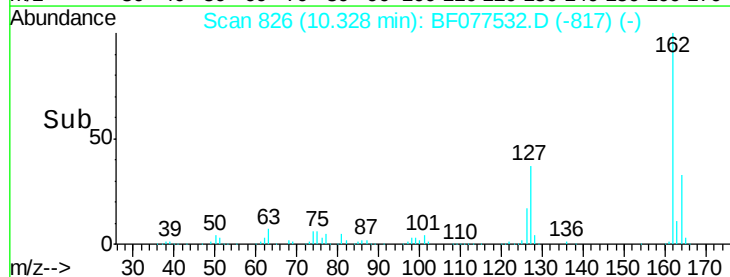
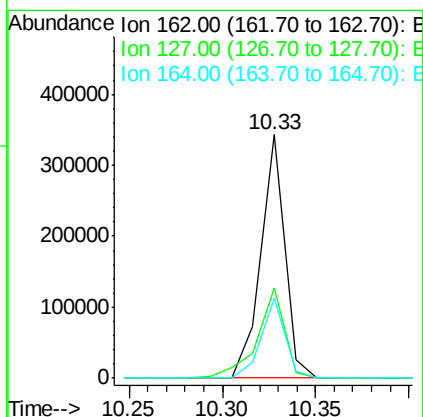
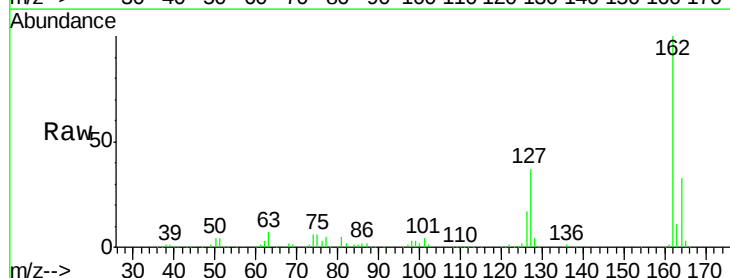
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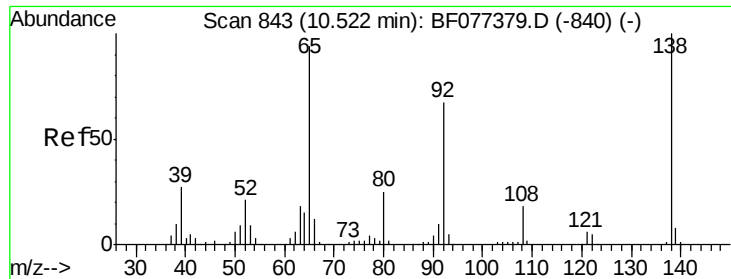
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#46
2-Chloronaphthalene
Concen: 27.80 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	33.3	49.9
164	32.7	26.2	39.4





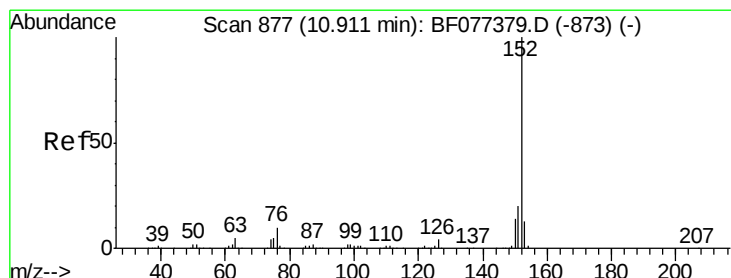
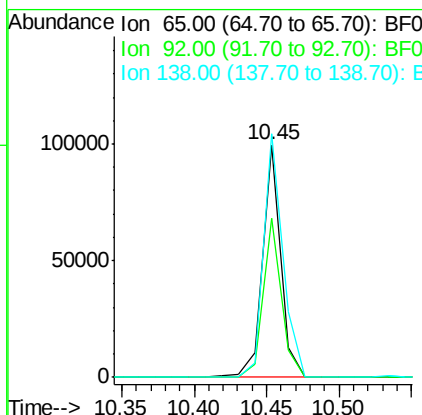
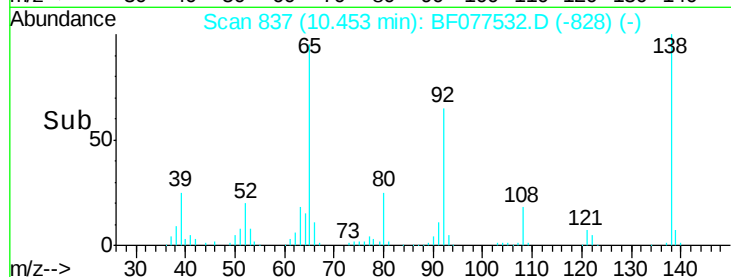
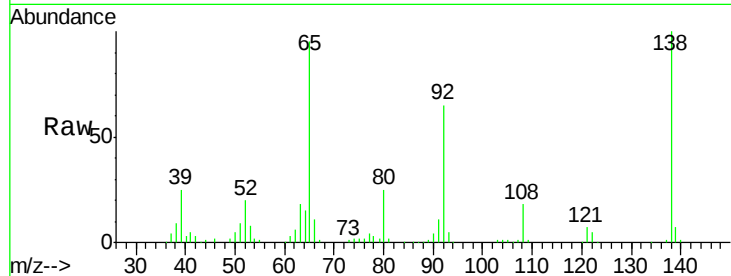
#47
 2-Nitroaniline
 Concen: 31.96 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion:	65	Resp:	85929
Ion Ratio	Lower	Upper	
65	100		
92	68.5	52.4	78.6
138	104.9	73.4	110.0

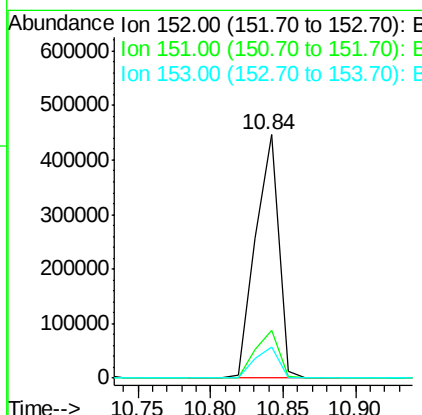
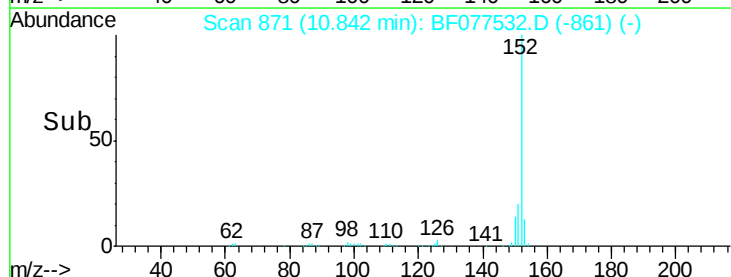
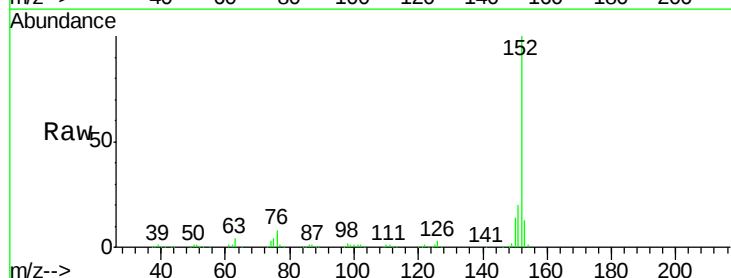
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#48
 Acenaphthylene
 Concen: 28.75 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion:	152	Resp:	497036
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.1	24.1
153	12.8	10.9	16.3





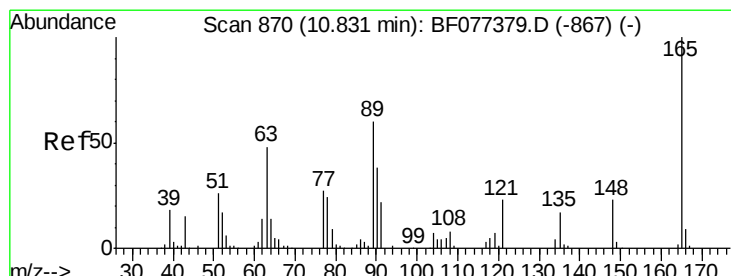
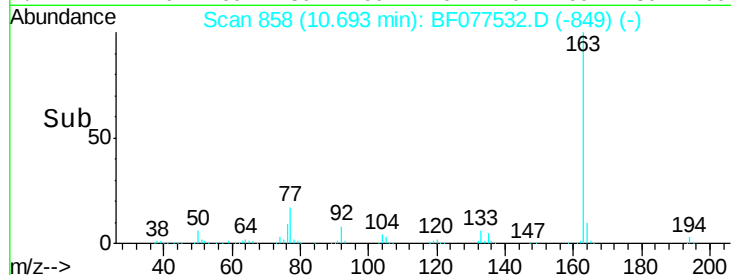
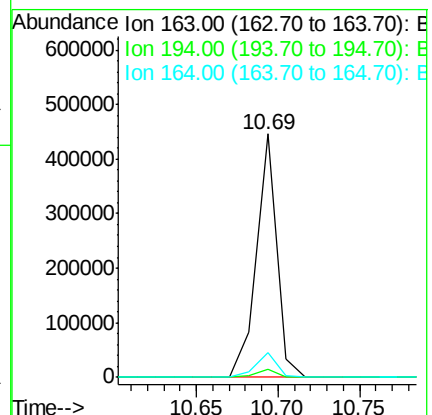
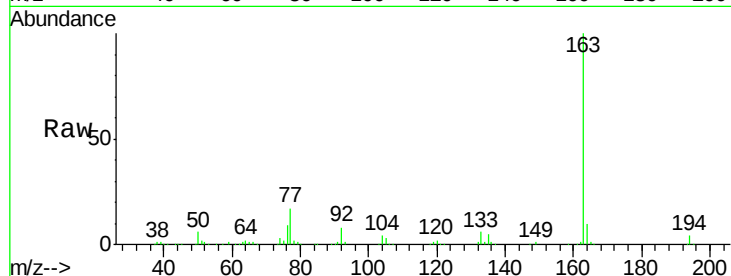
#49
Dimethylphthalate
Concen: 29.97 ng
RT: 10.69 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.6	13.0

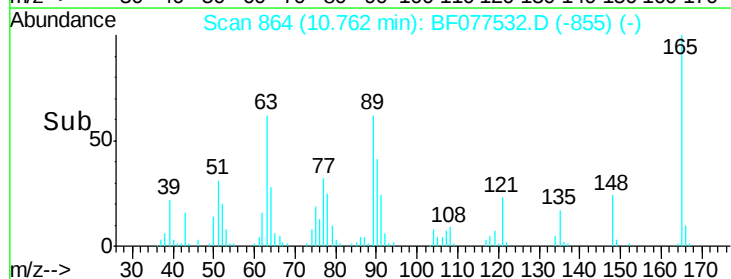
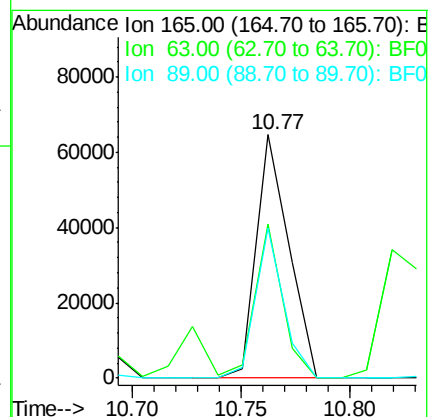
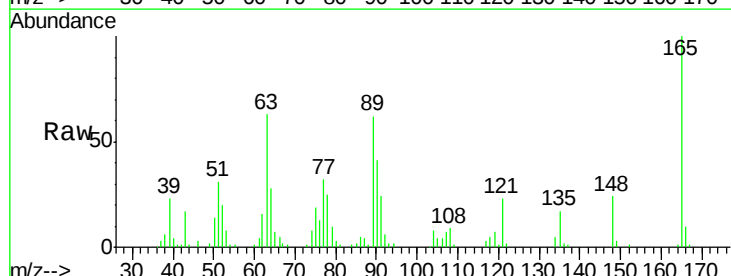
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#50
2,6-Dinitrotoluene
Concen: 25.88 ng
RT: 10.77 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	63.3	25.2	37.8#
89	61.8	30.5	45.7#





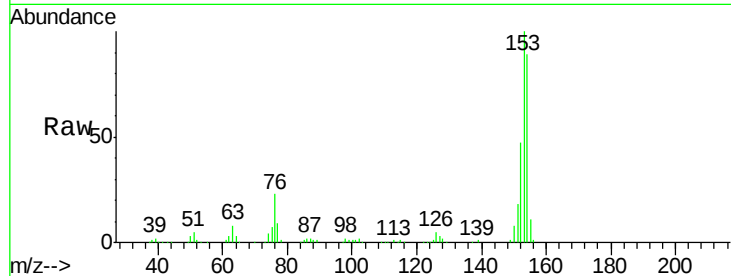
#51
Acenaphthene
Concen: 26.81 ng
RT: 11.05 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

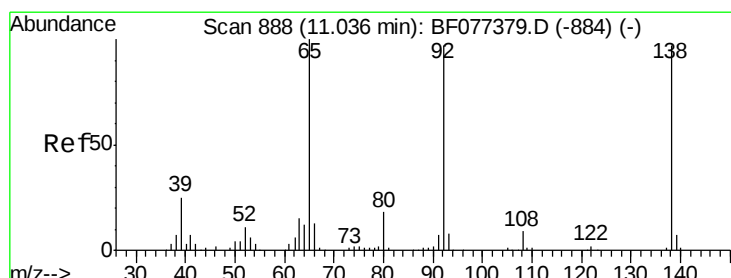
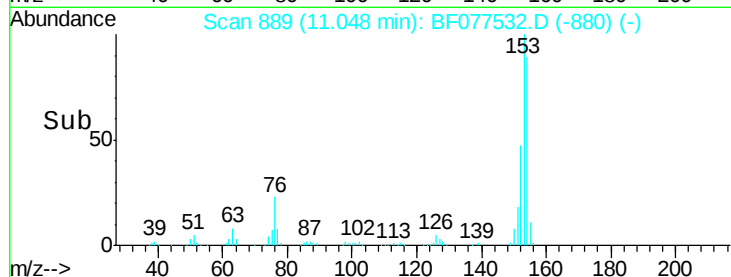
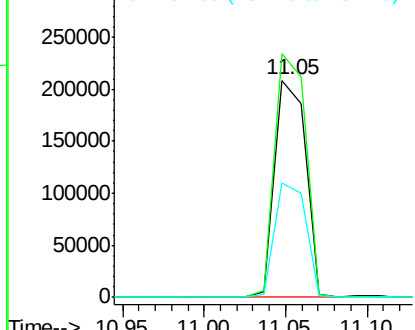
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.5	135.7
152	53.0	43.5	65.3

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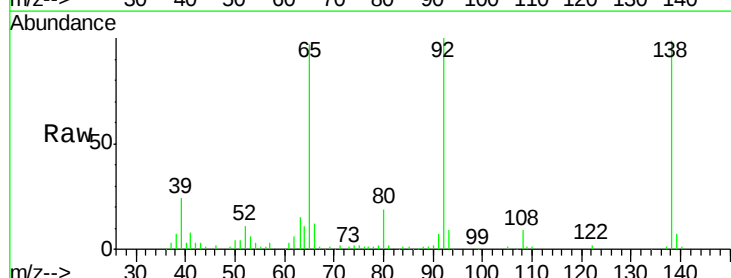


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

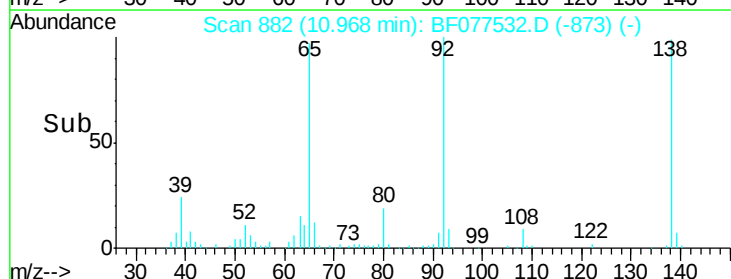
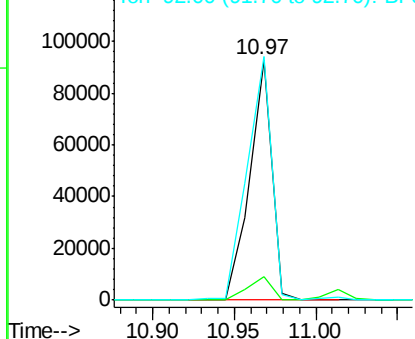


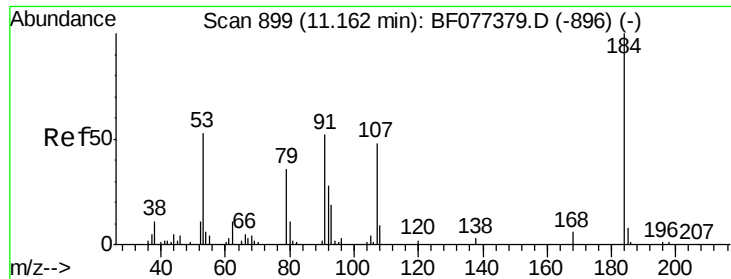
#52
3-Nitroaniline
Concen: 29.38 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	101.3	90.6	135.8



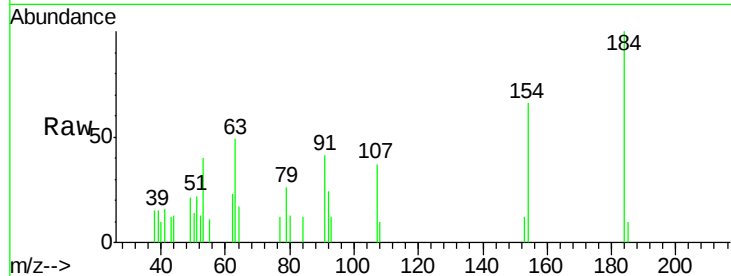
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 4.35 ng
RT: 11.10 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

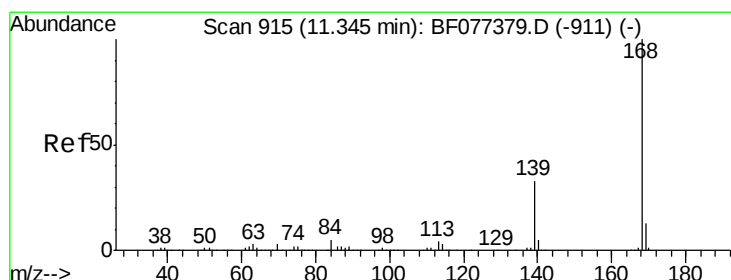
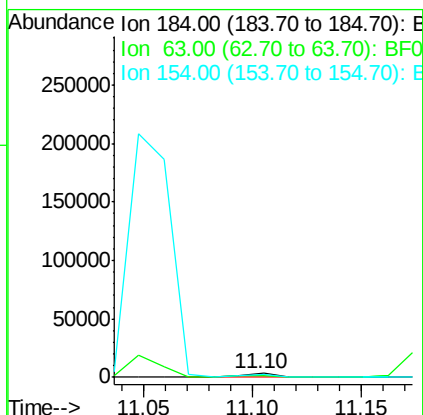
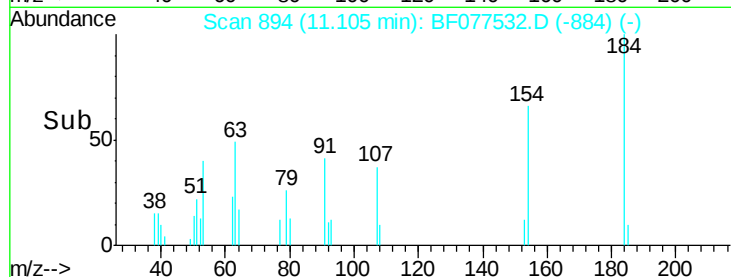
Instrument :
BNA_F
ClientSampleId :
SB13MSD



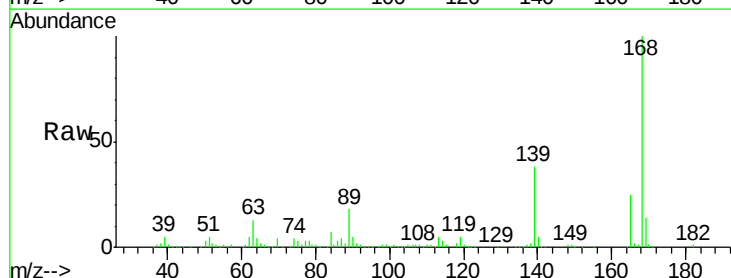
Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	29.5	44.3#
154	66.5	43.2	64.8#

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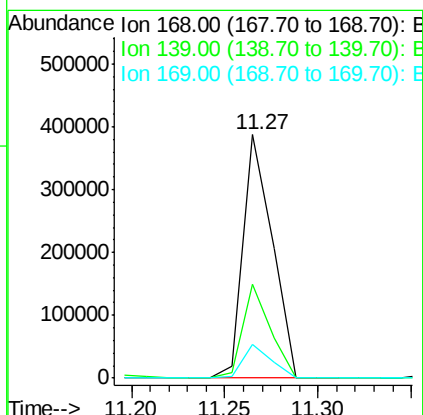
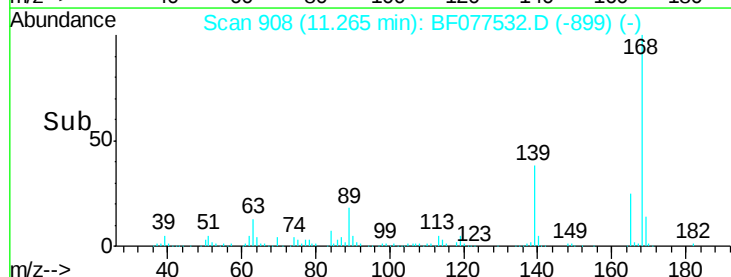
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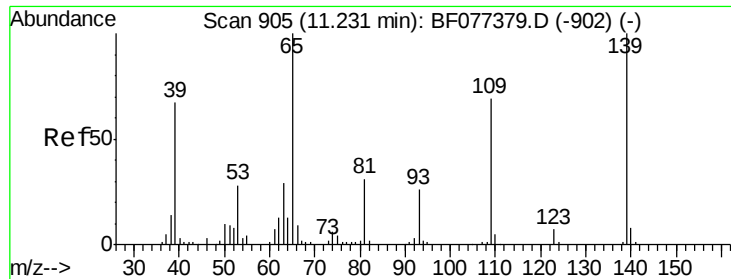


#54
Dibenzofuran
Concen: 26.50 ng
RT: 11.27 min Scan# 908
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53



Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.3	43.9
169	13.6	10.9	16.3





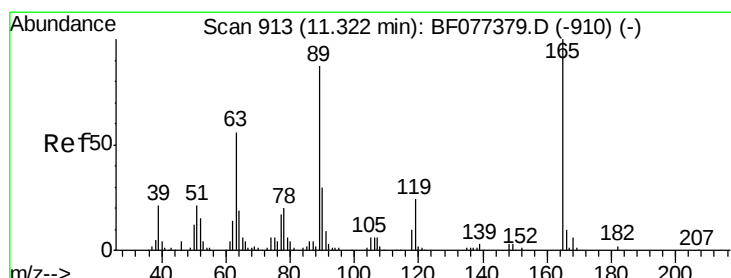
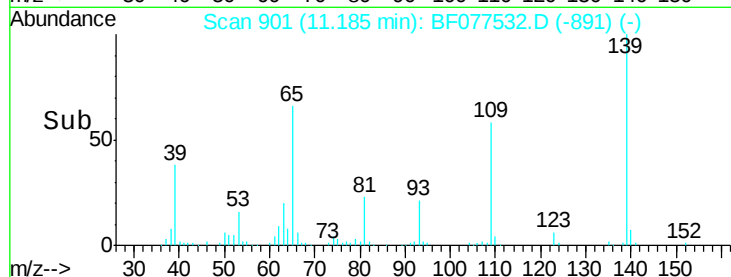
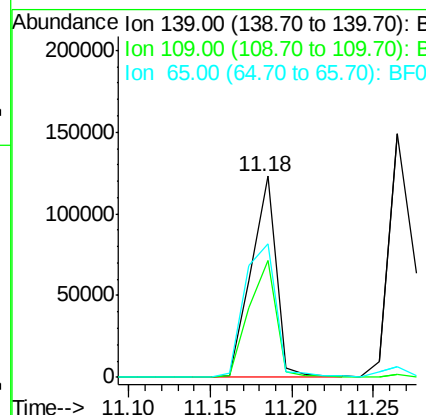
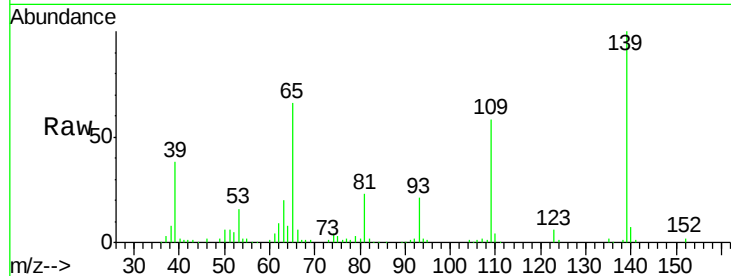
#55
4-Nitrophenol
Concen: 54.98 ng
RT: 11.18 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	132111		
109	58.0	36.2	76.2	
65	66.4	40.3	80.3	

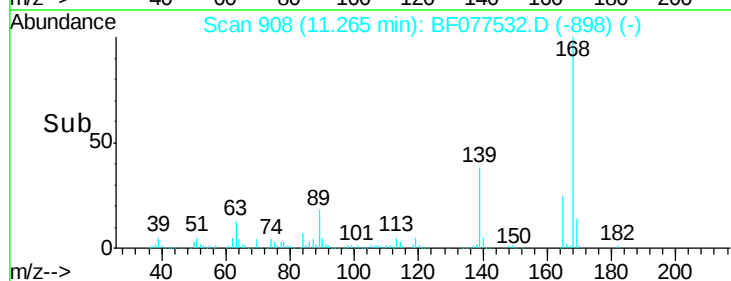
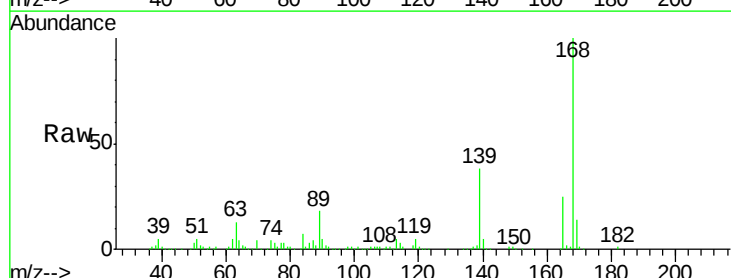
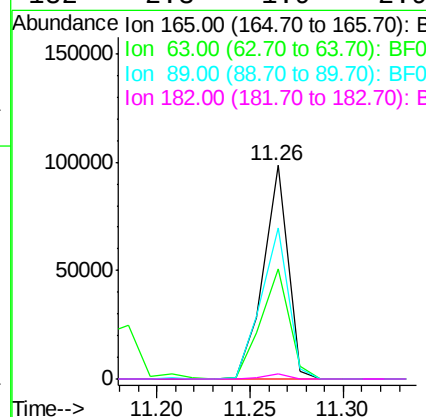
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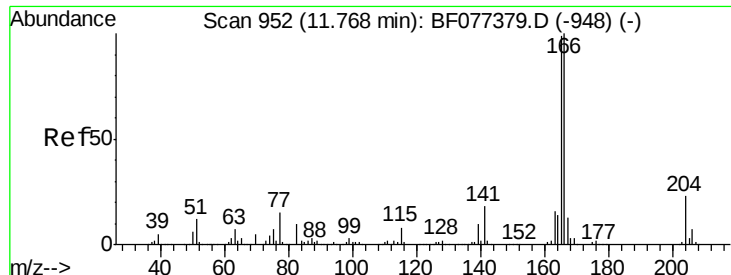
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#56
2,4-Dinitrotoluene
Concen: 25.65 ng
RT: 11.26 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89823		
63	51.6	29.8	44.8#	
89	70.6	48.5	72.7	
182	2.3	1.9	2.9	





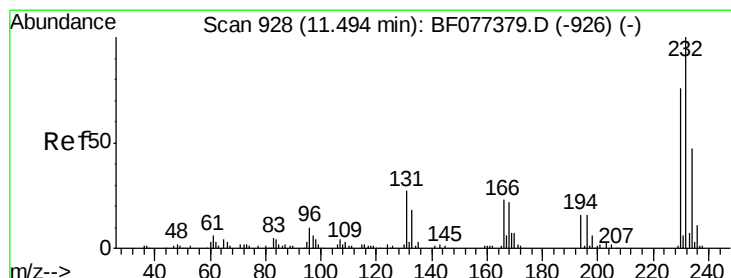
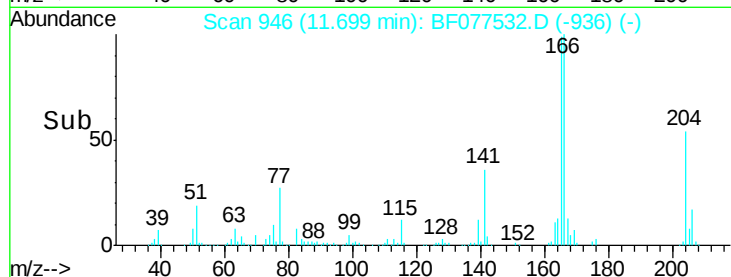
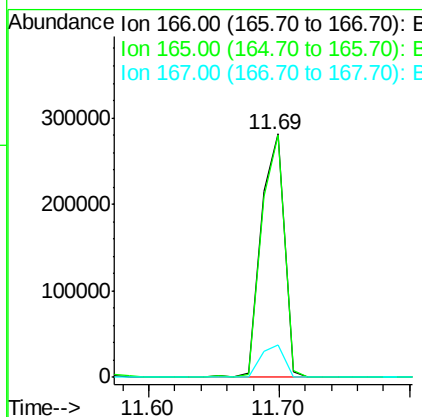
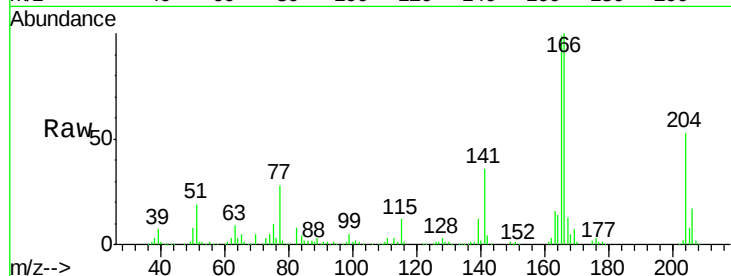
#57
 Fluorene
 Concen: 27.55 ng
 RT: 11.69 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	350876		
165	99.3	77.6	116.4	
167	13.4	10.6	16.0	

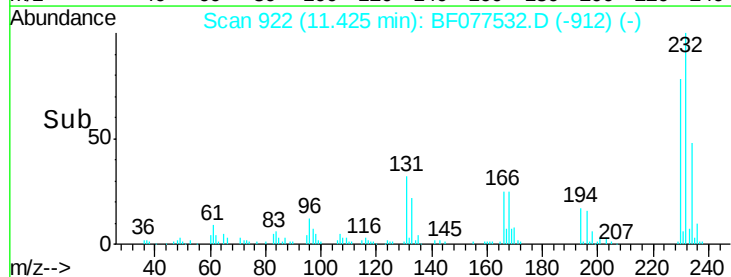
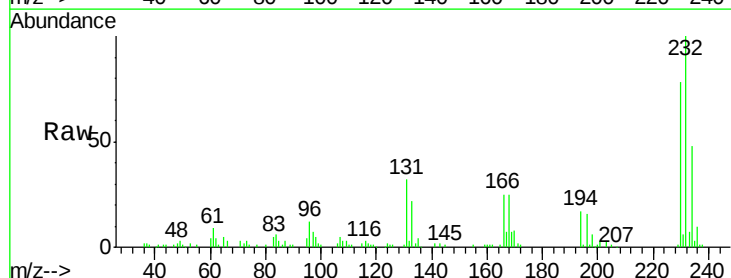
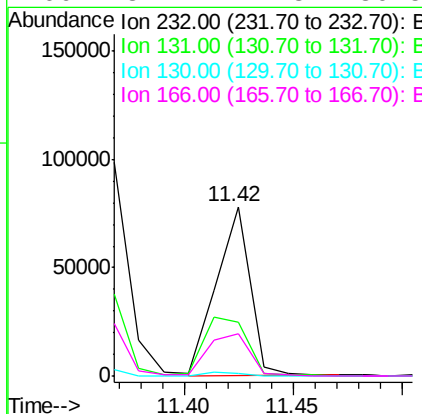
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.95 ng
 RT: 11.42 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	83928		
131	45.4	34.2	51.2	
130	2.1	1.8	2.6	
166	31.1	24.3	36.5	





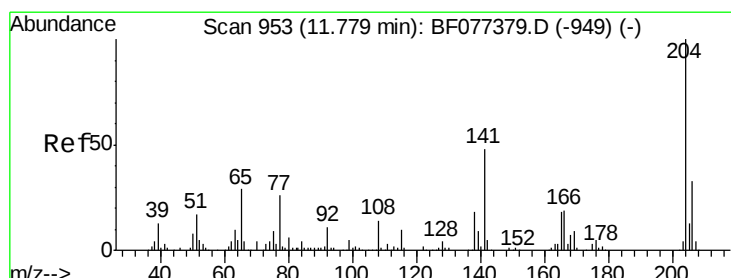
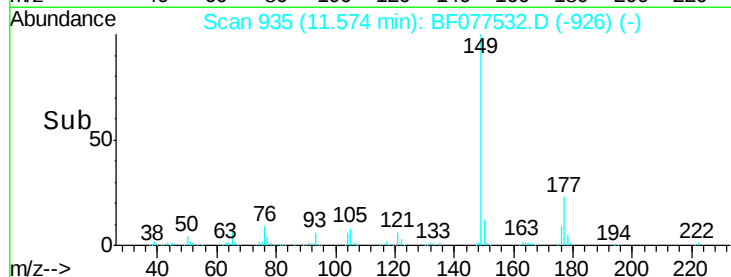
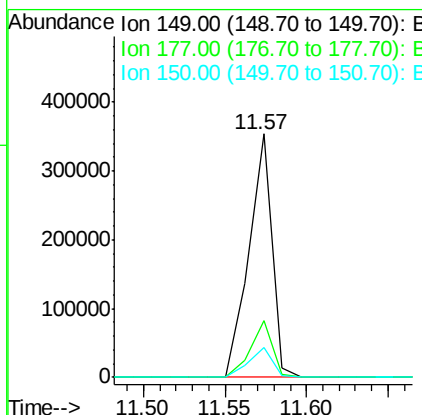
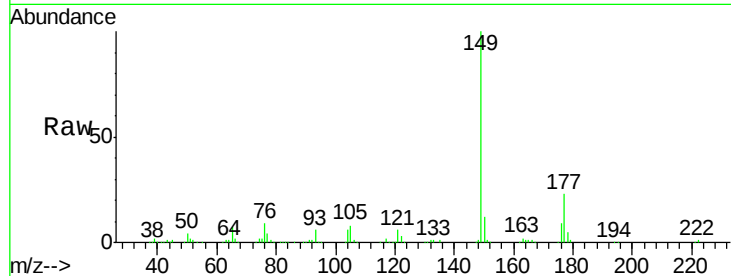
#59
Diethylphthalate
Concen: 27.23 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	346933		
177	23.2	17.2	25.8	
150	12.0	10.5	15.7	

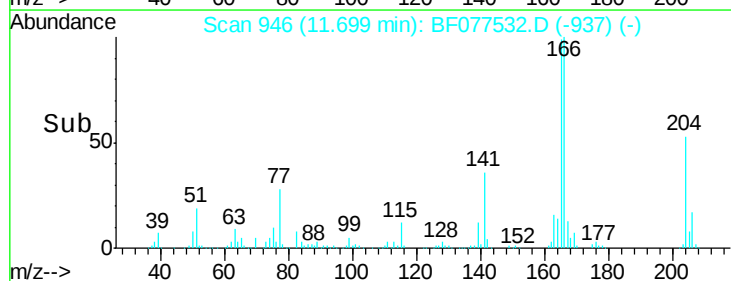
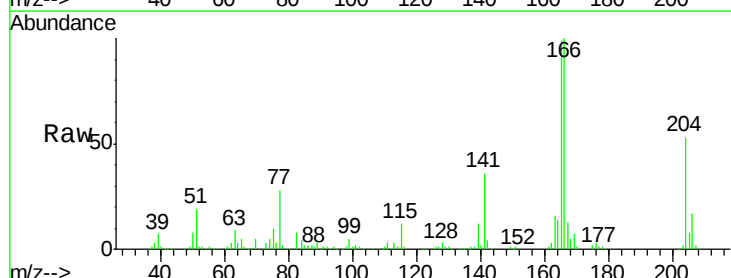
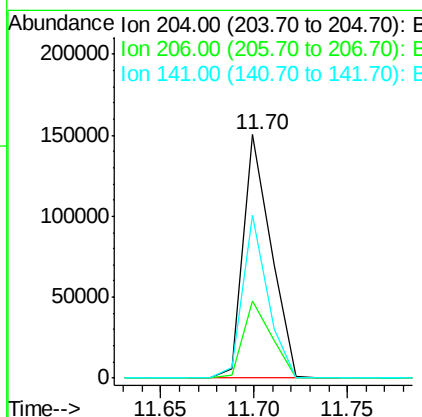
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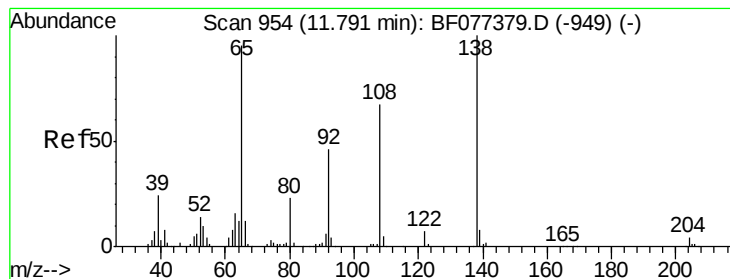
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#60
4-Chlorophenyl-phenylether
Concen: 25.40 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	155897		
206	31.8	25.9	38.9	
141	67.2	43.6	65.4#	





#61

4-Nitroaniline

Concen: 31.63 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077532.D

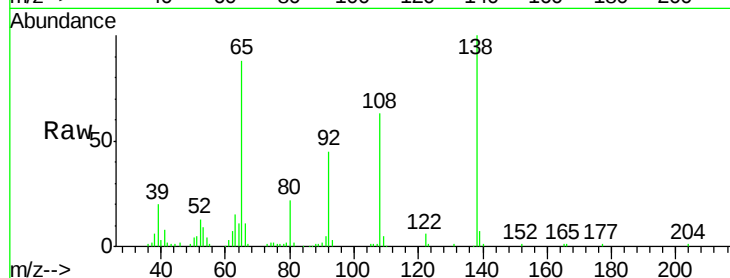
Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

ClientSampleId :

SB13MSD



Tgt Ion: 138 Resp: 90560

Ion Ratio Lower Upper

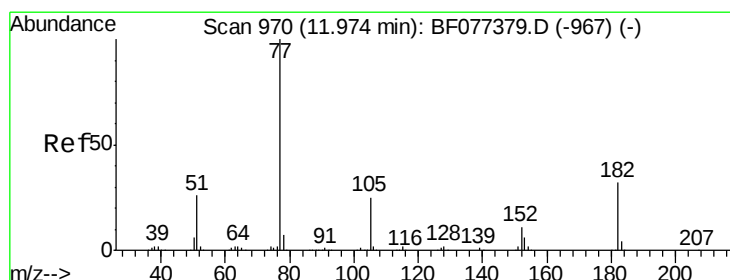
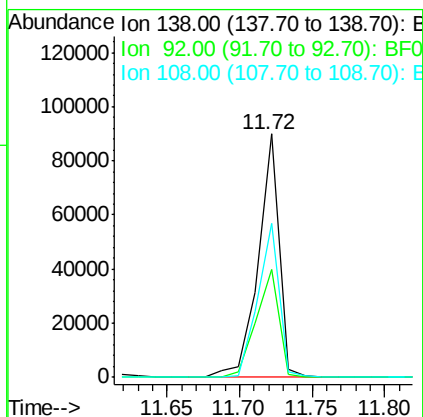
138 100

92 44.5 32.8 72.8

108 63.3 52.1 92.1

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#62

Azobenzene

Concen: 26.91 ng

RT: 11.90 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion: 77 Resp: 325244

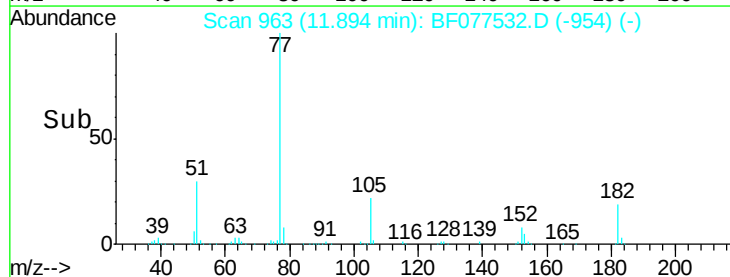
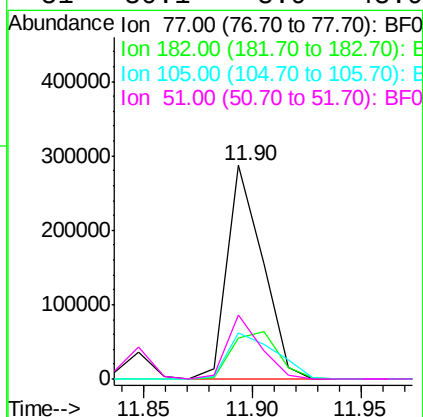
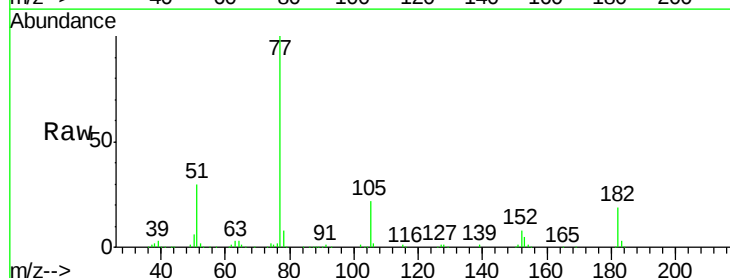
Ion Ratio Lower Upper

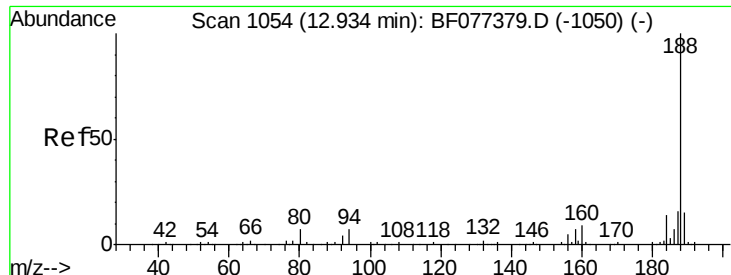
77 100

182 19.2 4.9 44.9

105 21.9 3.3 43.3

51 30.1 8.9 48.9





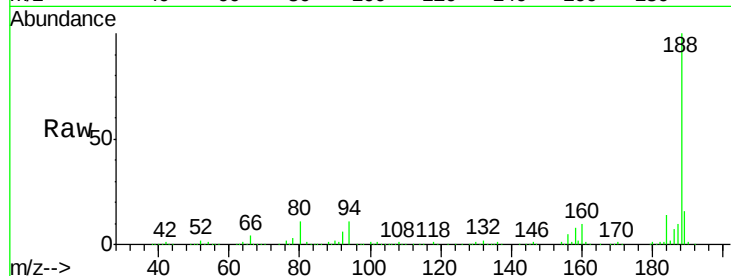
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.86 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

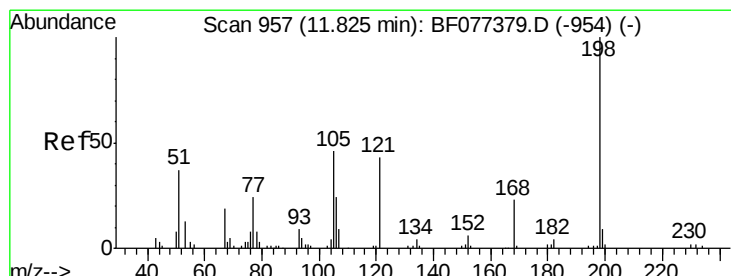
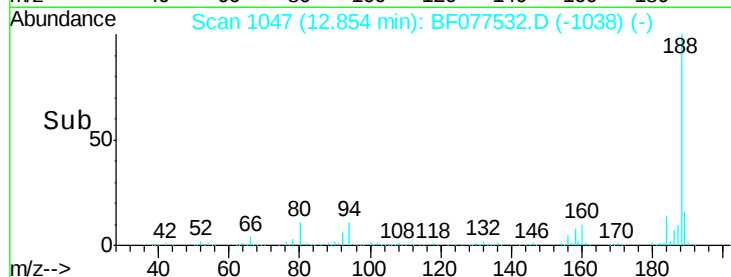
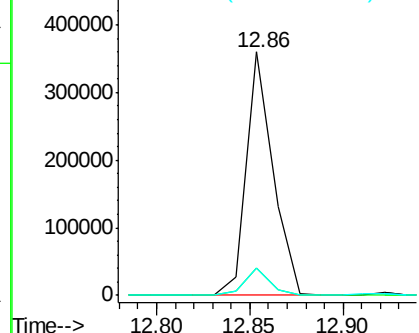
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	7.4	11.2
80	11.4	8.0	12.0

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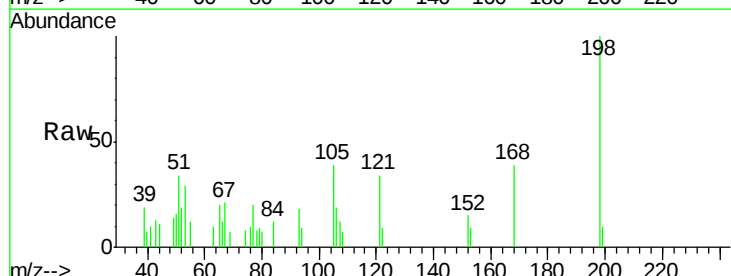


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

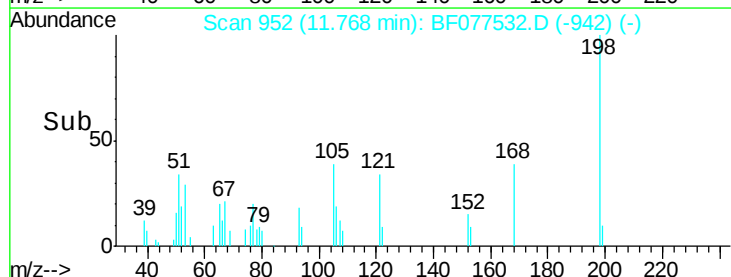
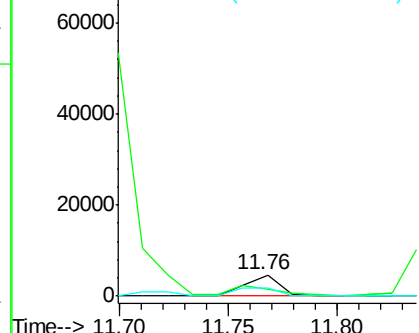


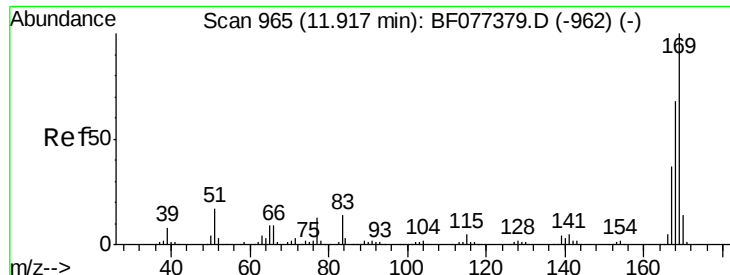
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.07 ng
 RT: 11.76 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.6	2.7	42.7
105	39.1	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





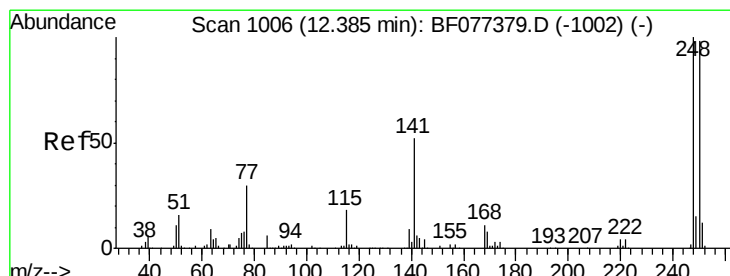
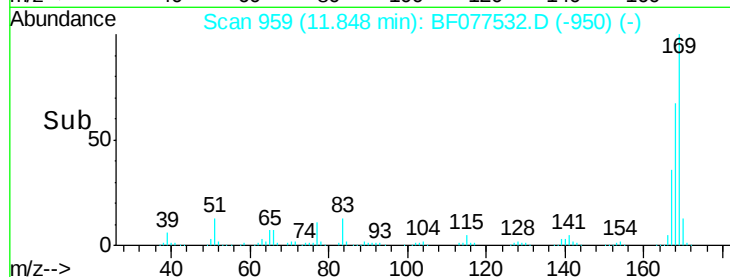
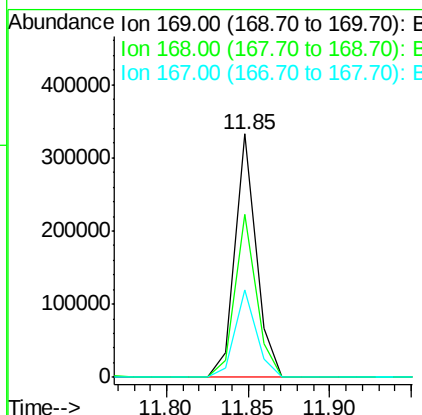
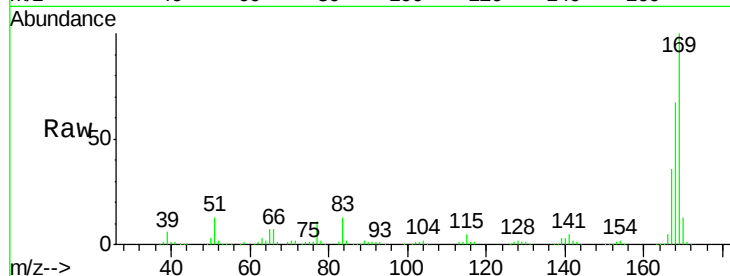
#65
 n-Nitrosodiphenylamine
 Concen: 25.15 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.0	53.0	79.6
167	36.2	29.5	44.3

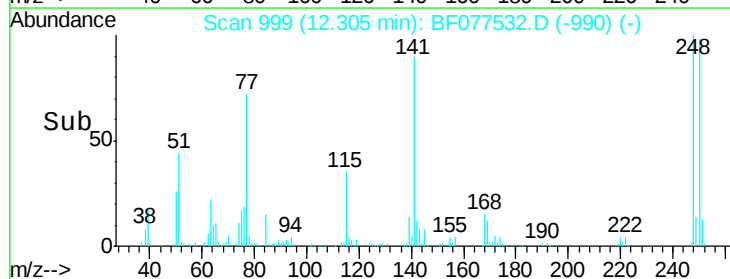
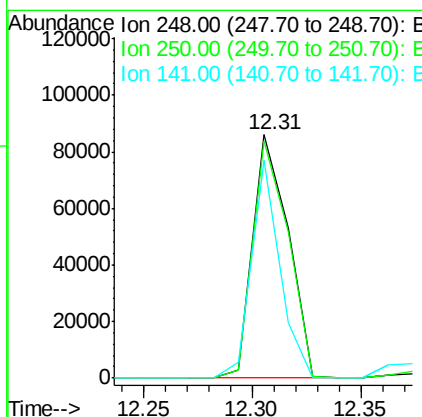
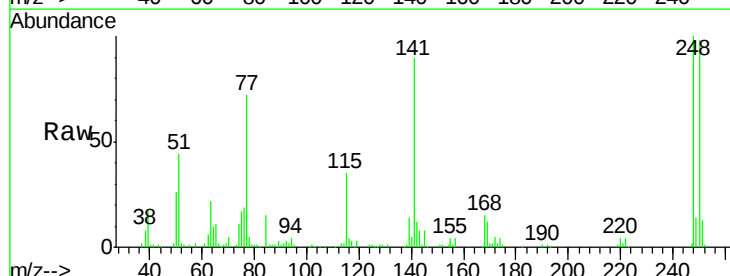
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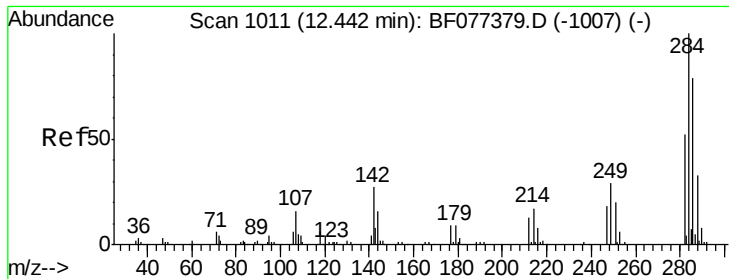
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#66
 4-Bromophenyl-phenylether
 Concen: 23.40 ng
 RT: 12.31 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.5	78.0	117.0
141	89.7	54.1	81.1





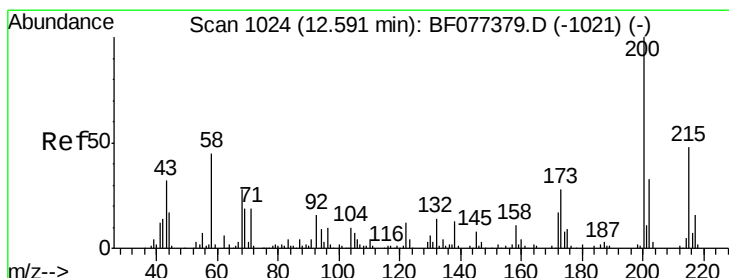
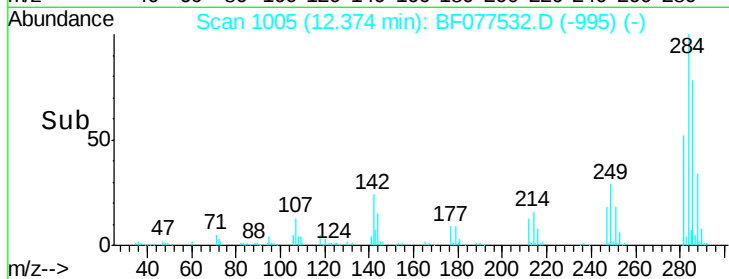
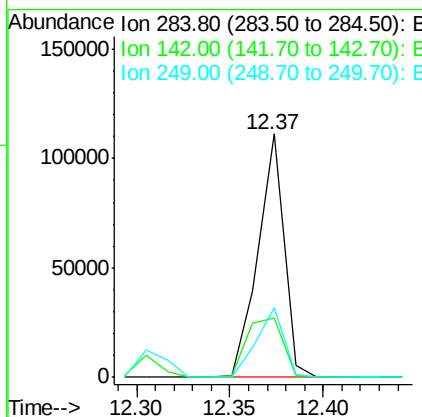
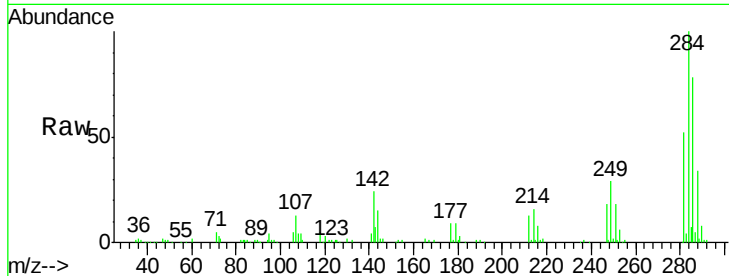
#67
Hexachlorobenzene
Concen: 23.82 ng
RT: 12.37 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	24.5	31.6	47.4#
249	28.6	27.0	40.4

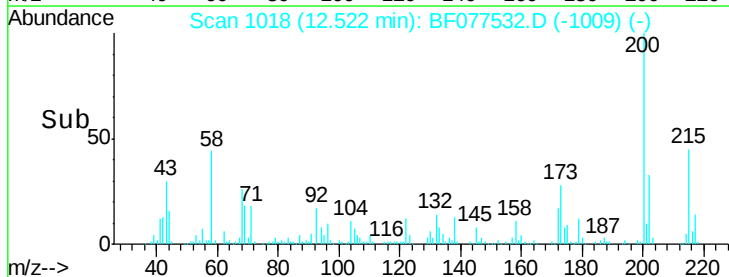
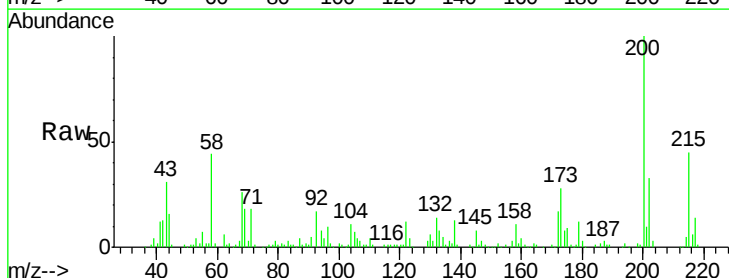
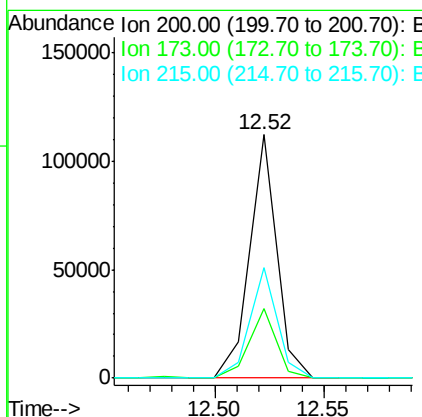
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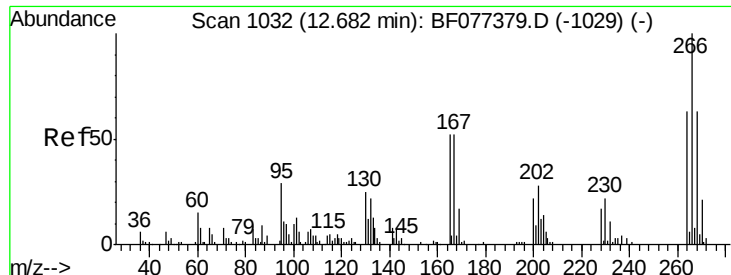
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#68
Atrazine
Concen: 25.32 ng
RT: 12.52 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	9.6	49.6
215	45.2	24.4	64.4





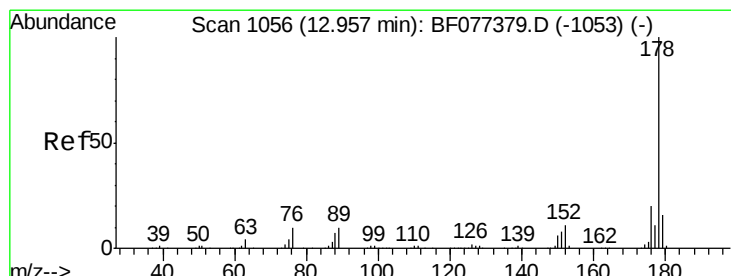
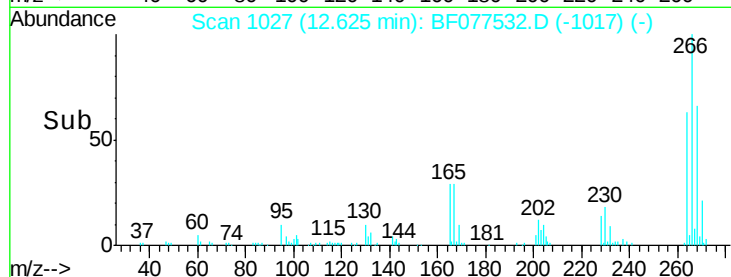
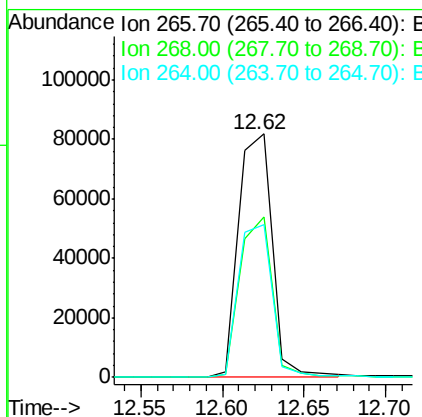
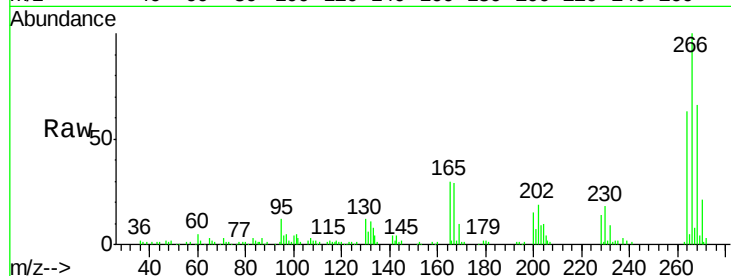
#69
 Pentachlorophenol
 Concen: 49.39 ng
 RT: 12.62 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	116853		
268	65.7	51.2	76.8	
264	62.8	50.7	76.1	

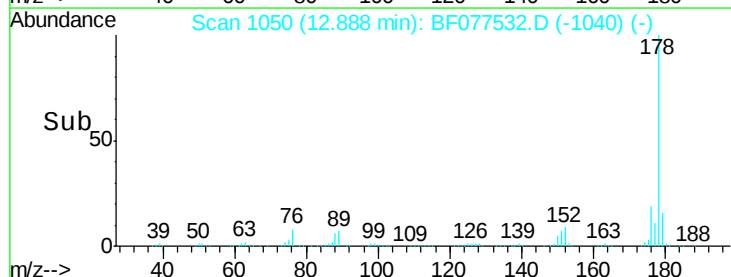
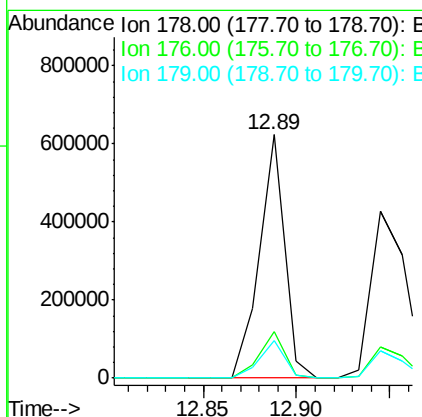
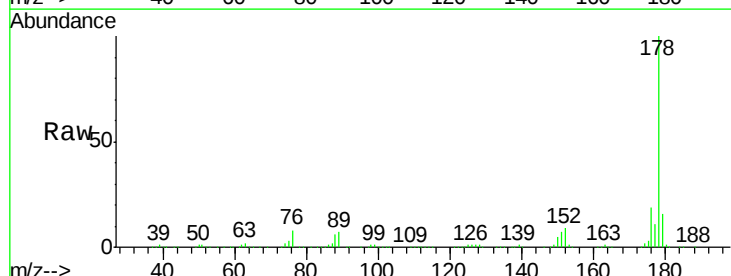
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#70
 Phenanthrene
 Concen: 27.97 ng
 RT: 12.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	580654		
176	19.0	15.5	23.3	
179	15.6	12.2	18.2	





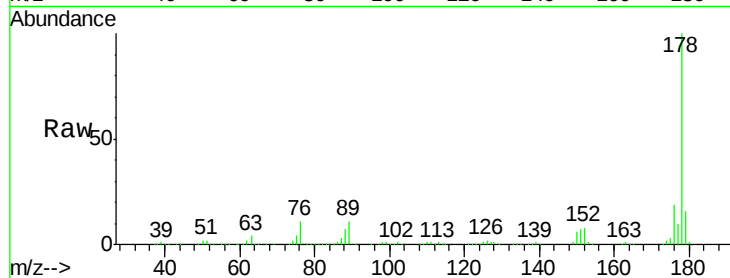
#71
 Anthracene
 Concen: 25.57 ng
 RT: 12.95 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

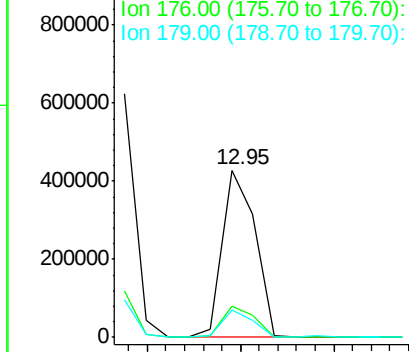
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	16.1	12.9	19.3

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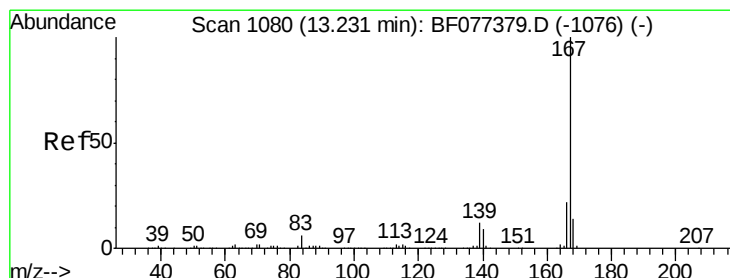
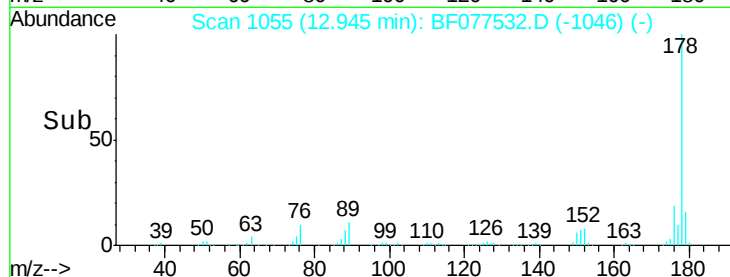
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



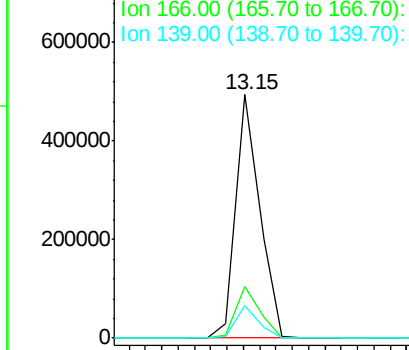
Time-->



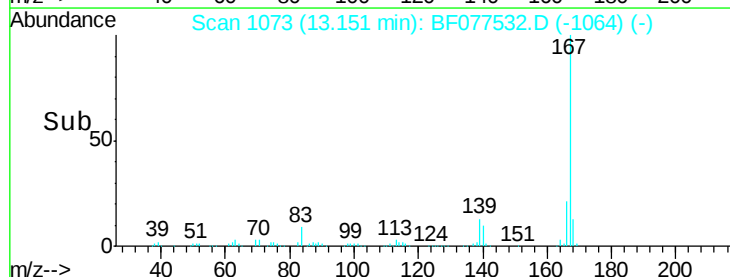
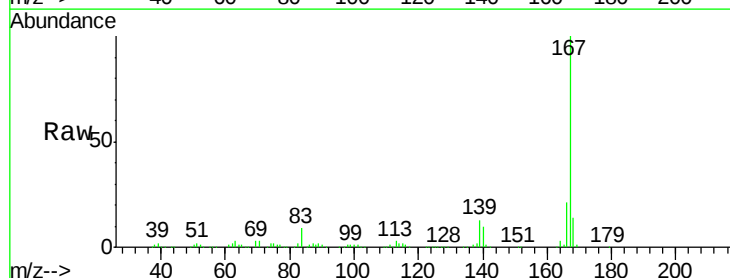
#72
 Carbazole
 Concen: 25.59 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.5	9.9	14.9

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



Time-->





#73

Di-n-butylphthalate

Concen: 25.75 ng

RT: 13.61 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

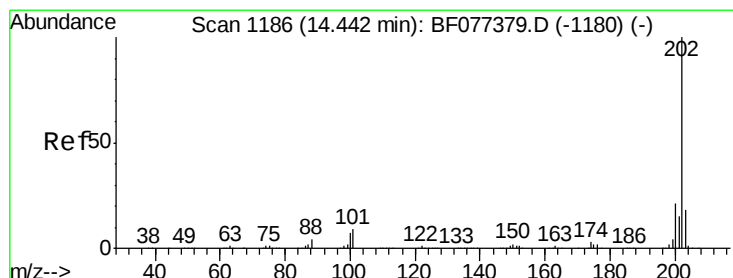
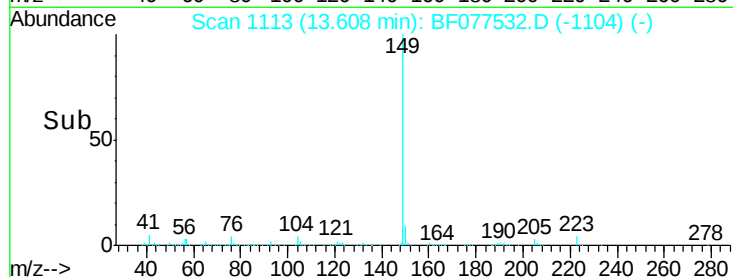
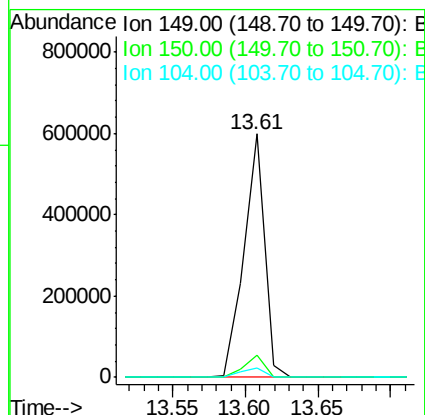
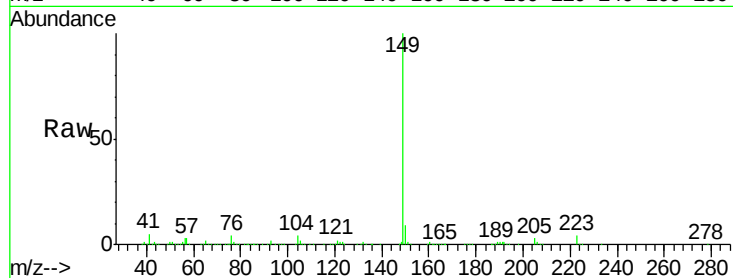
ClientSampleId :

SB13MSD

Tgt	Ion	149	Resp	592286
	Ratio	100	Lower	Upper
	149	100		
	150	9.1	7.8	11.8
	104	4.0	4.1	6.1#

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#74

Fluoranthene

Concen: 29.73 ng

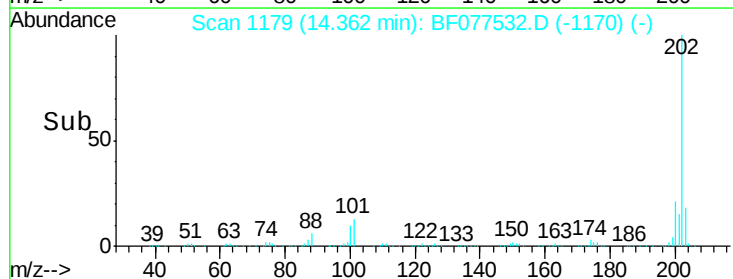
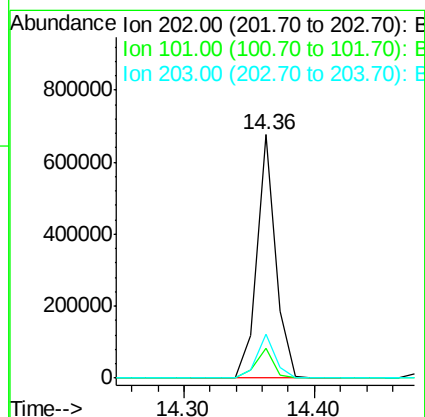
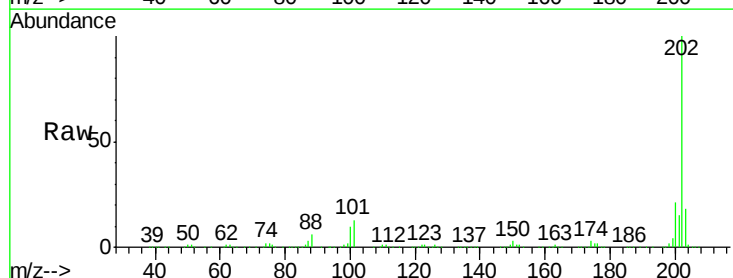
RT: 14.36 min Scan# 1179

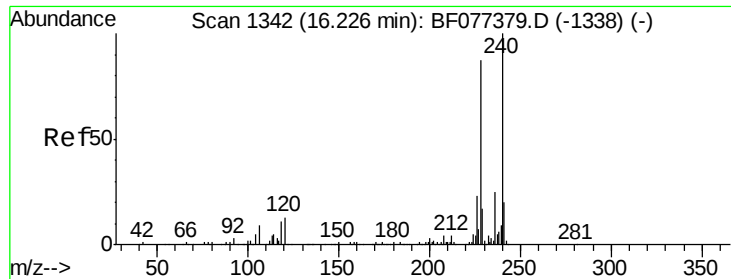
Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt	Ion	202	Resp	674232
	Ratio	100	Lower	Upper
	202	100		
	101	12.5	0.0	30.8
	203	17.9	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

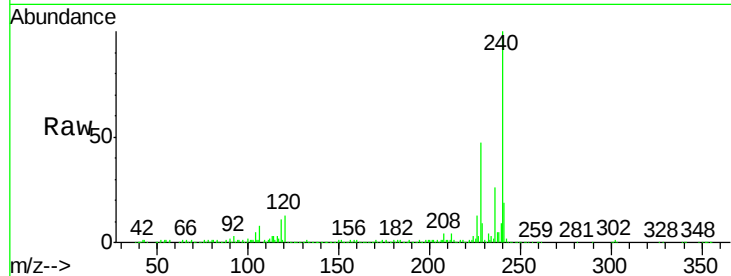
ClientSampleId :

SB13MSD

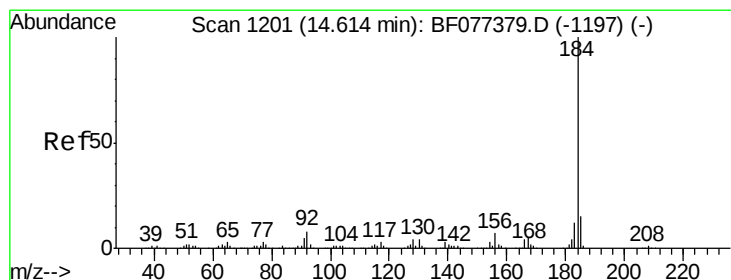
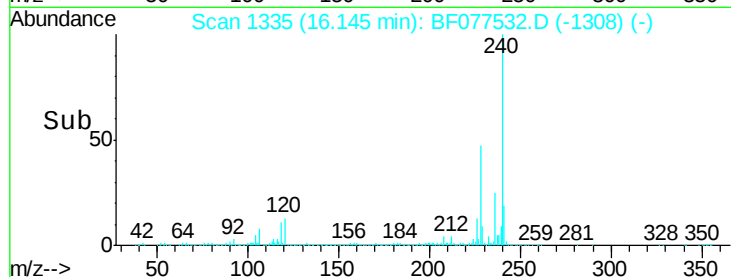
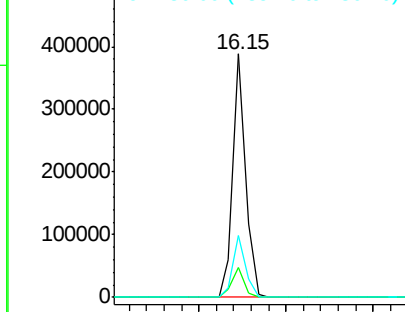
Tgt Ion:	240	Resp:	396203
Ion Ratio	Lower	Upper	
240	100		
120	12.5	8.8	13.2
236	25.6	20.7	31.1

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



#76

Benzidine

Concen: 39.06 ng

RT: 14.54 min Scan# 1195

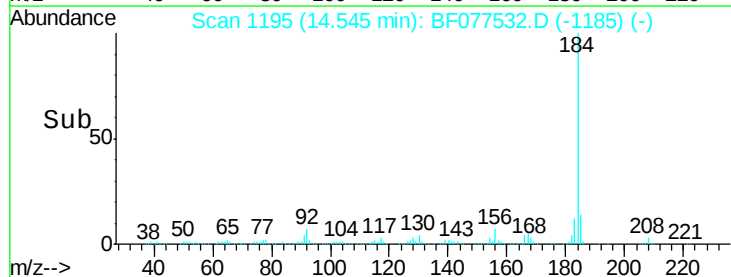
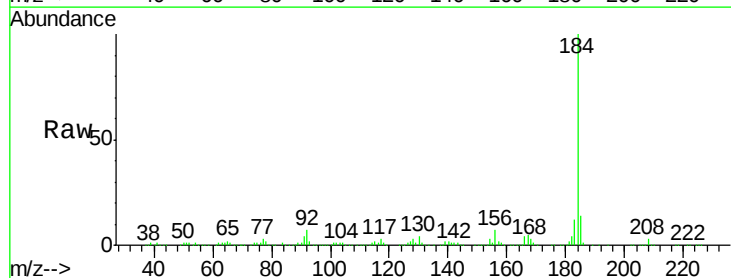
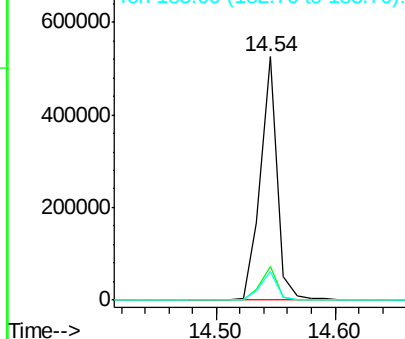
Delta R.T. 0.01 min

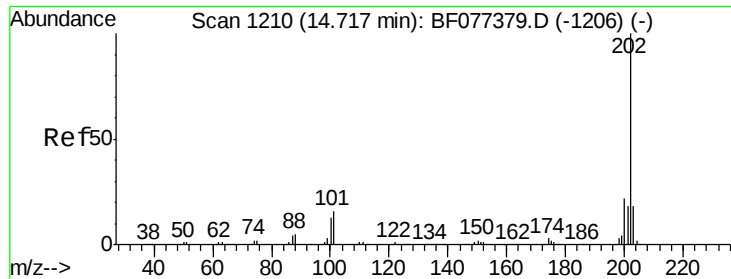
Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:	184	Resp:	522890
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.6	9.3	13.9

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





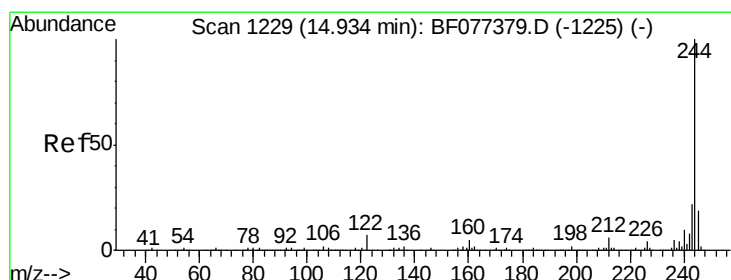
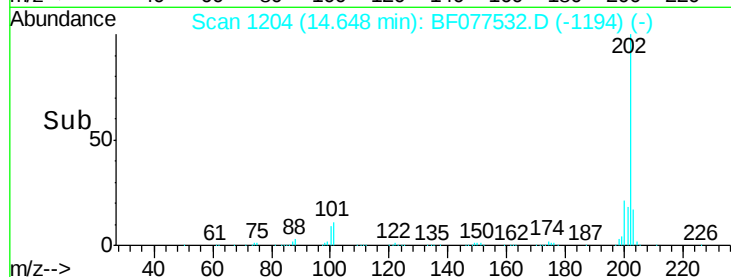
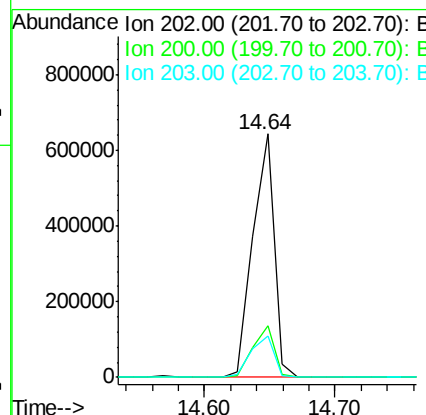
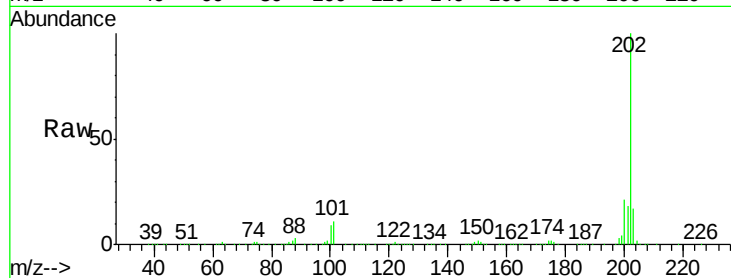
#77
Pyrene
Concen: 30.27 ng
RT: 14.64 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.5	17.1	25.7
203	17.2	14.2	21.2

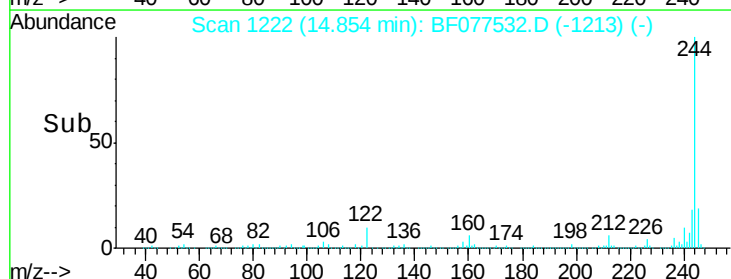
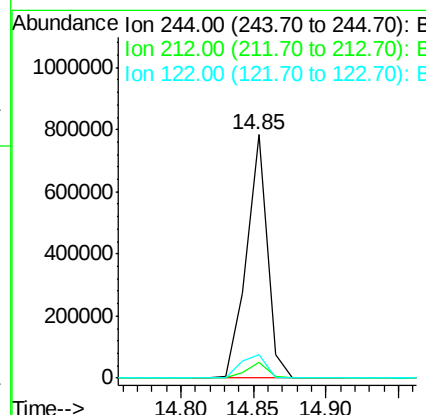
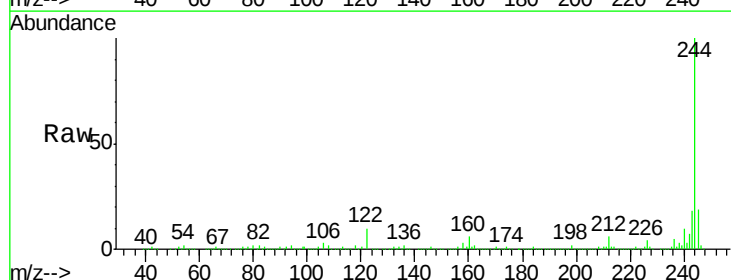
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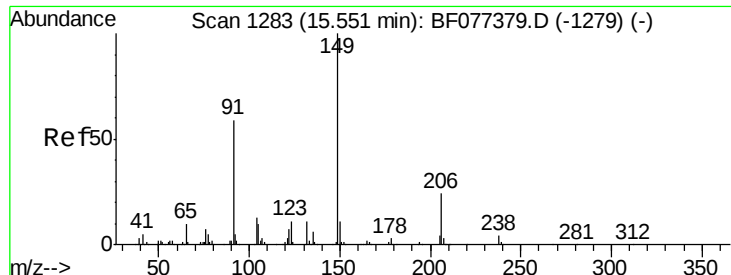
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#78
Terphenyl-d14
Concen: 46.20 ng
RT: 14.85 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	5.2	7.8
122	9.7	7.8	11.8





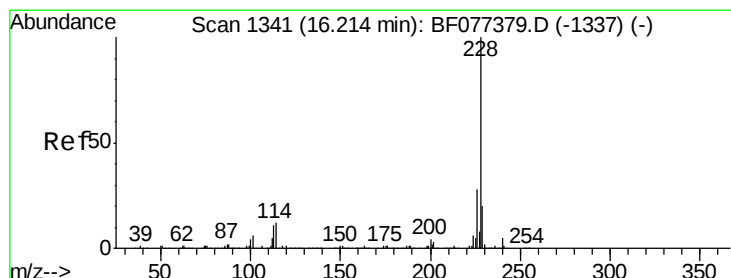
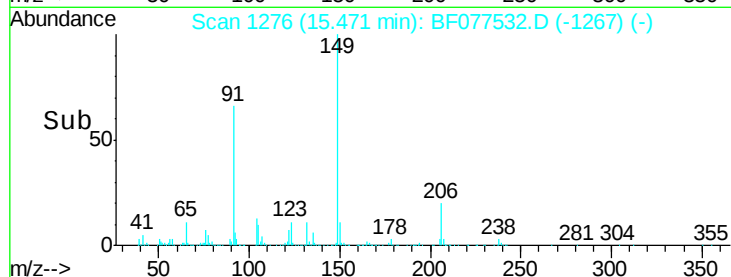
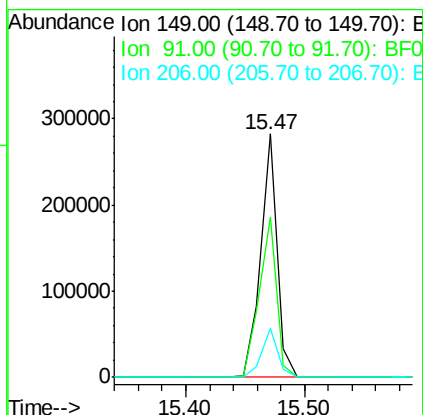
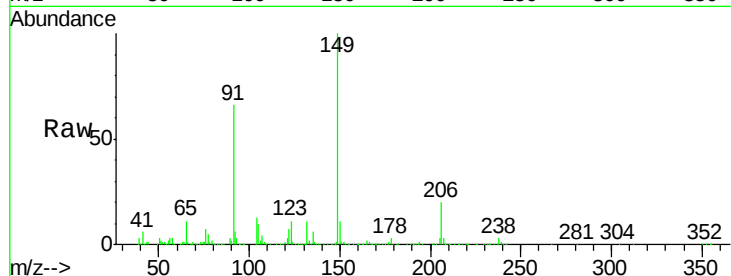
#79
Butylbenzylphthalate
Concen: 27.46 ng
RT: 15.47 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	273758		
91	65.7	51.2	76.8	
206	19.9	17.8	26.8	

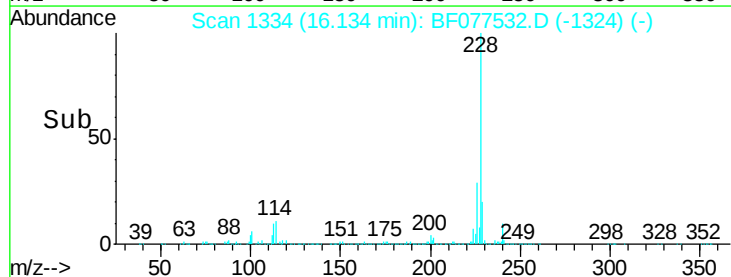
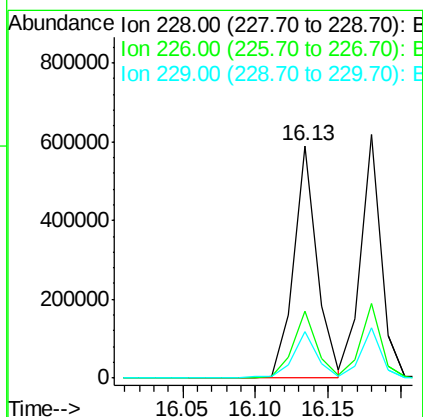
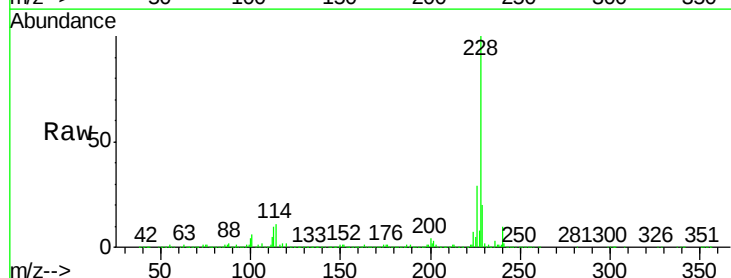
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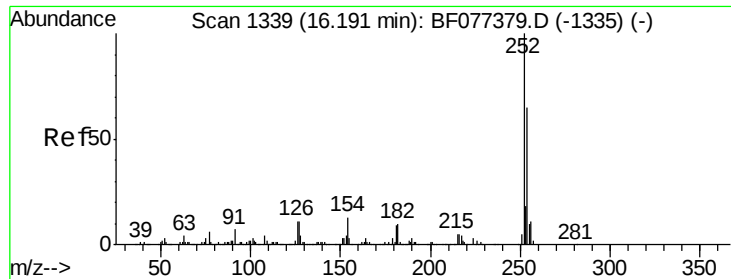
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#80
Benzo(a)anthracene
Concen: 28.36 ng
RT: 16.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	658491		
226	28.7	22.0	33.0	
229	20.0	15.8	23.8	





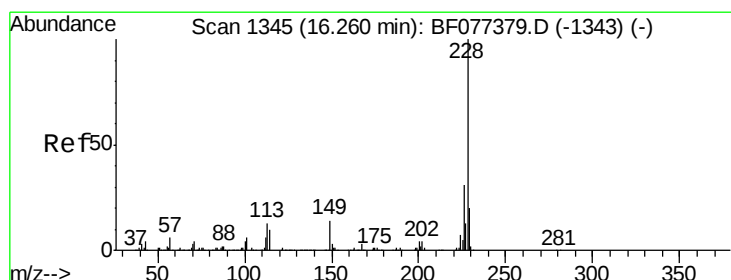
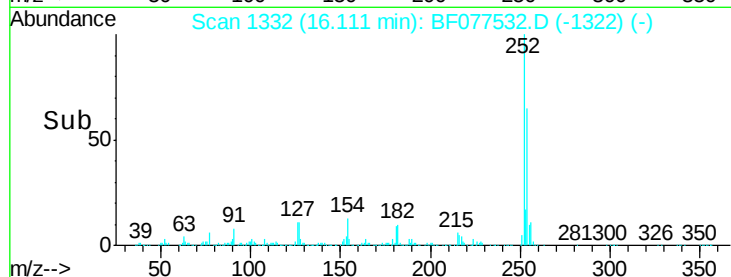
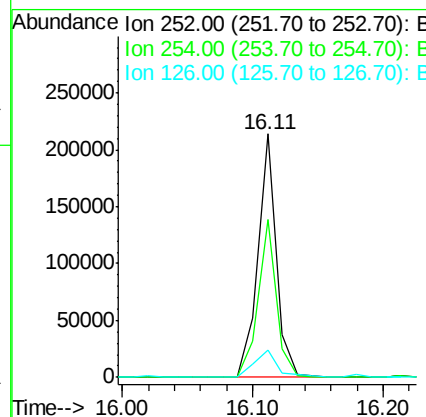
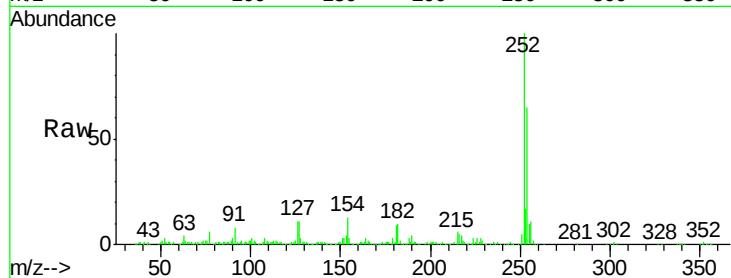
#81
 3,3'-Dichlorobenzidine
 Concen: 24.95 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampled :
 SB13MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.1	52.9	79.3
126	11.0	7.3	10.9

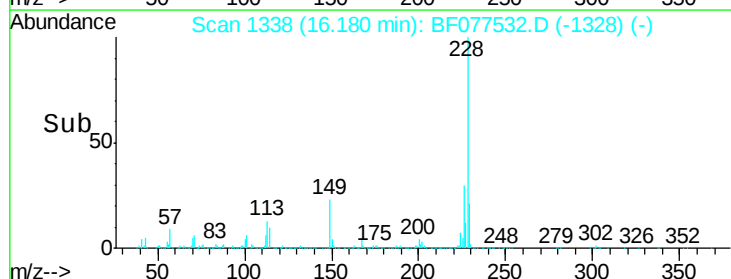
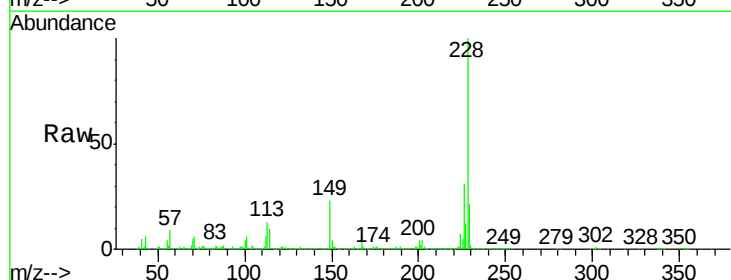
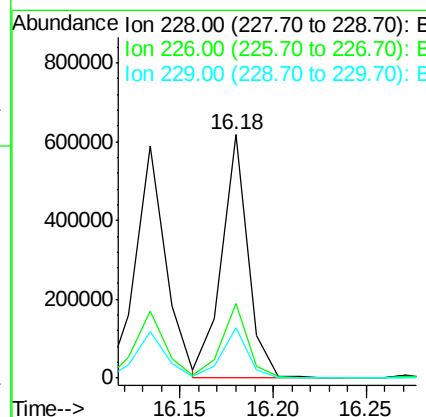
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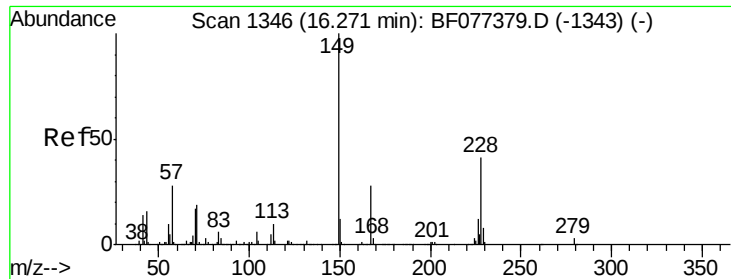
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#82
 Chrysene
 Concen: 27.70 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.7	16.4	24.6





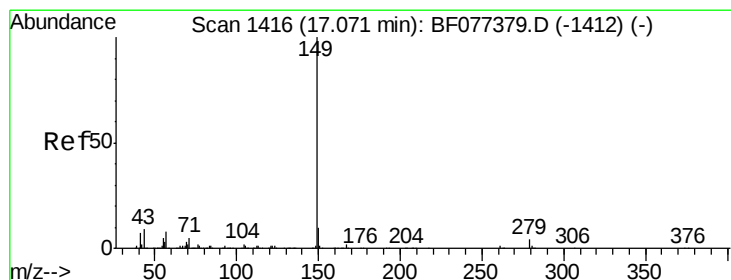
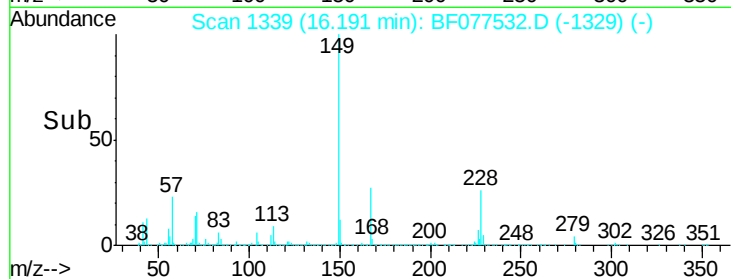
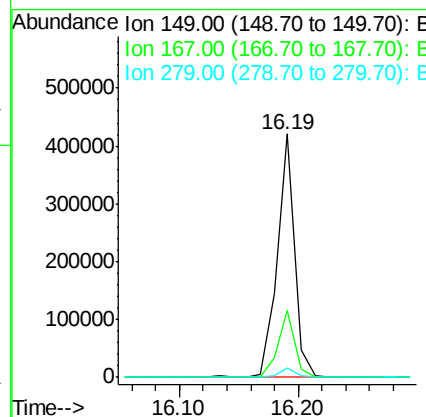
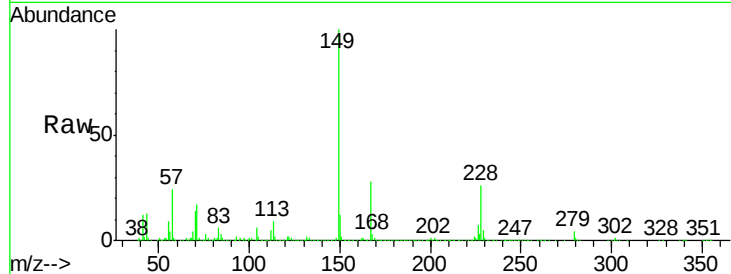
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.42 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	422408		
167	27.5	22.8	34.2	
279	3.6	3.8	5.6#	

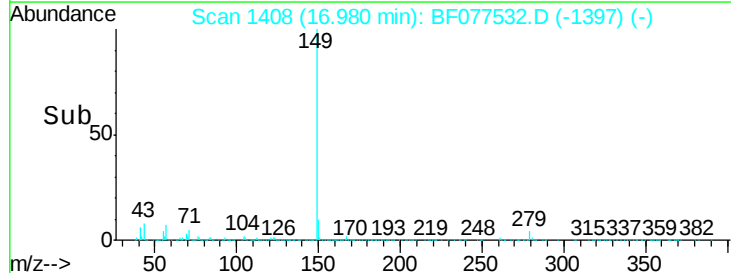
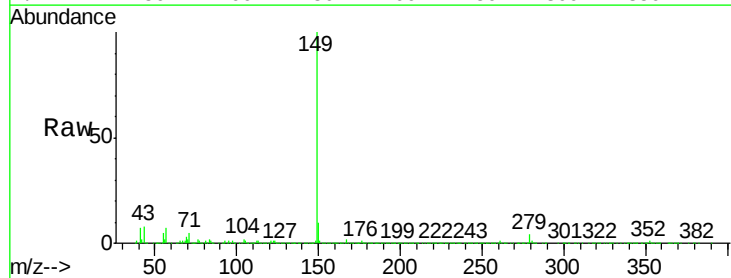
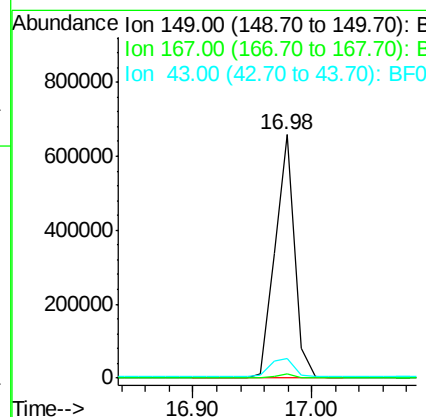
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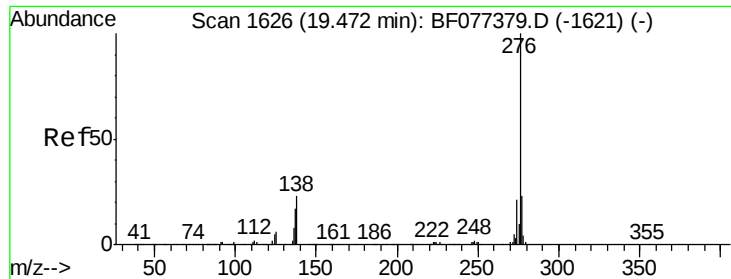
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#84
 Di-n-octyl phthalate
 Concen: 28.00 ng
 RT: 16.98 min Scan# 1408
 Delta R.T. 0.02 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	747515		
167	1.7	1.3	1.9	
43	9.6	8.1	12.1	





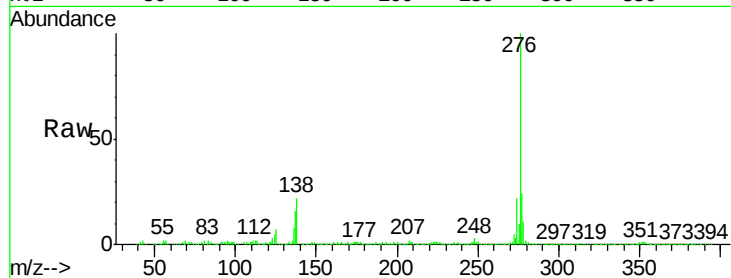
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.76 ng m
RT: 19.32 min Scan# 1613
Delta R.T. 0.05 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

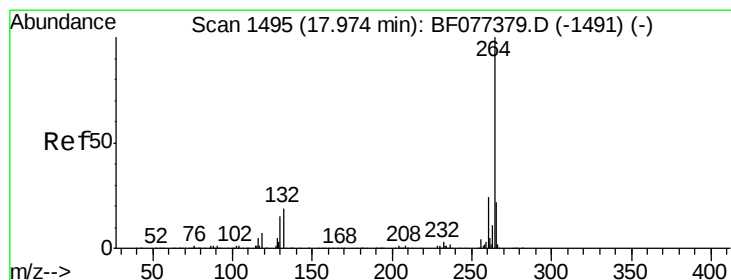
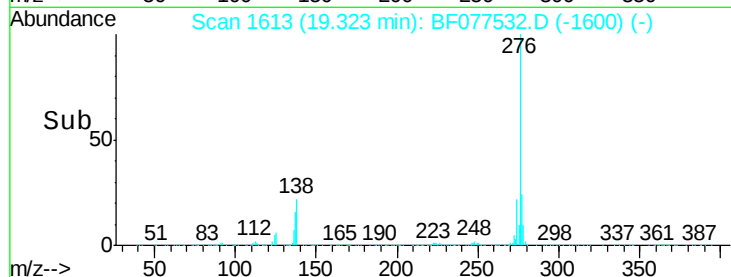
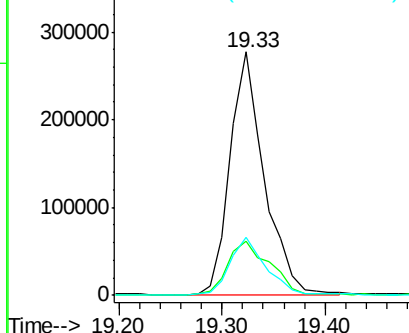
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.2	31.8
277	21.5	20.0	30.0

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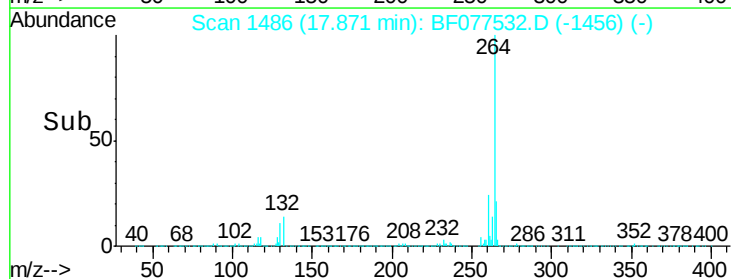
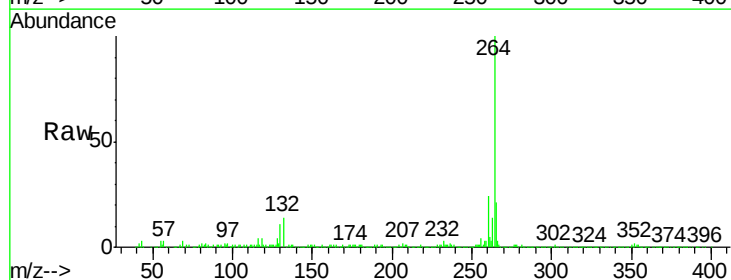
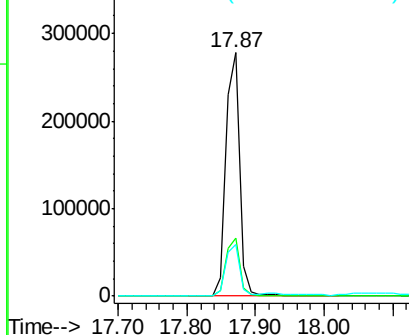
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

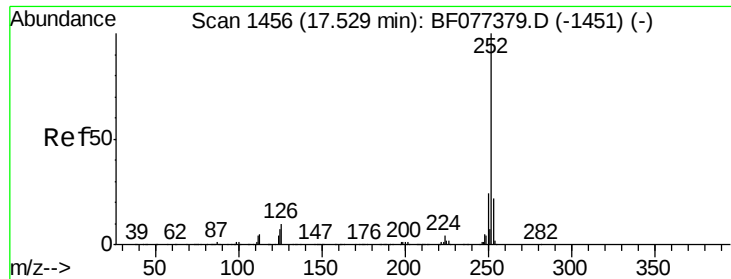


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. 0.04 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.5	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: 28.21 ng m

RT: 17.43 min Scan# 1447

Delta R.T. 0.03 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Instrument :

BNA_F

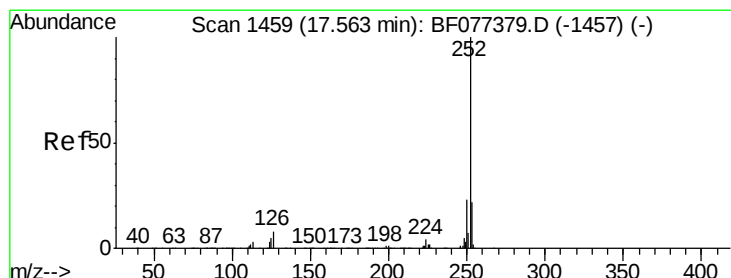
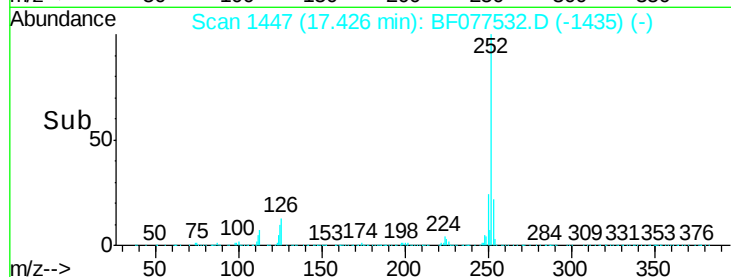
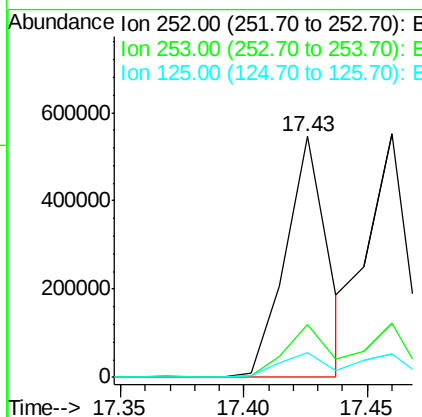
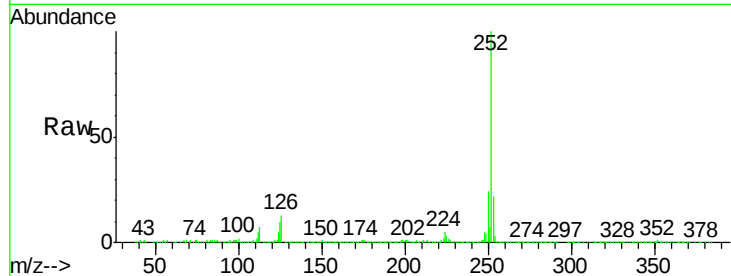
ClientSampleId :

SB13MSD

Tgt Ion:	252	Resp:	649799
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	10.2	5.4	8.2#

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#88

Benzo(k)fluoranthene

Concen: 26.89 ng m

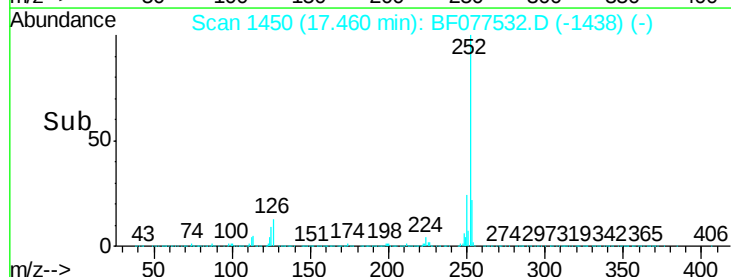
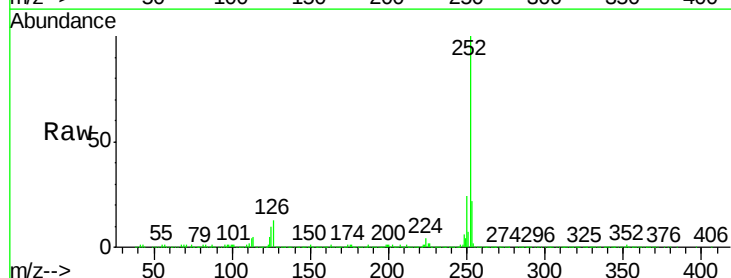
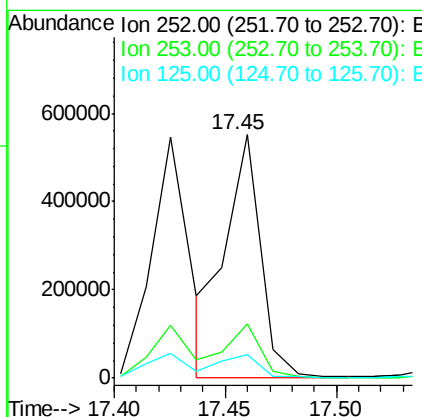
RT: 17.46 min Scan# 1450

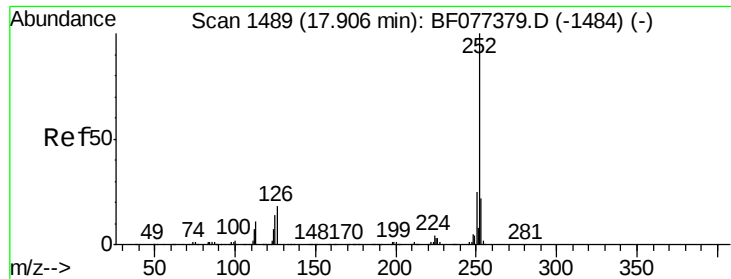
Delta R.T. 0.03 min

Lab File: BF077532.D

Acq: 2 Mar 2015 19:53

Tgt Ion:	252	Resp:	607089
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	9.5	10.1	15.1#





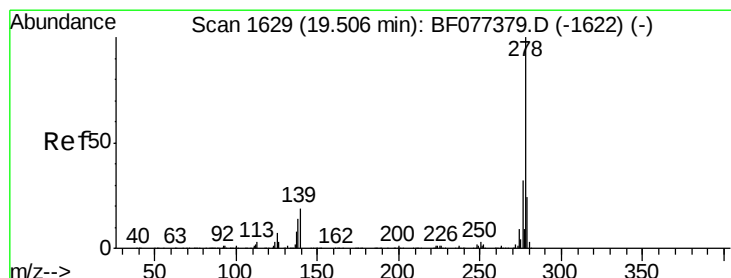
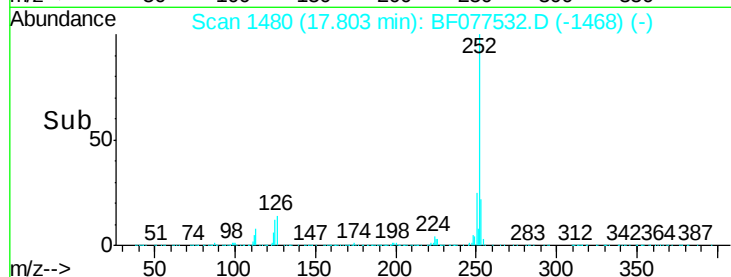
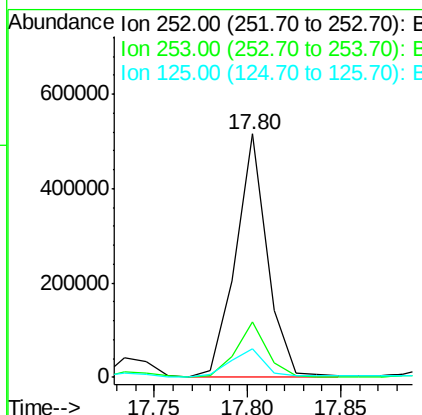
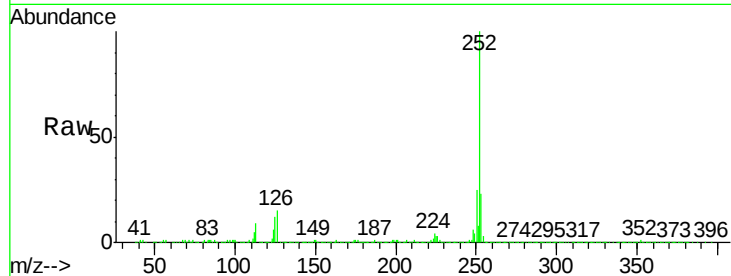
#89
Benzo(a)pyrene
Concen: 27.70 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.04 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Instrument :
BNA_F
ClientSampleId :
SB13MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.0	8.3	12.5

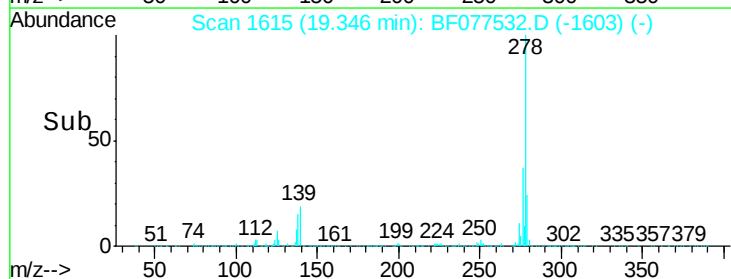
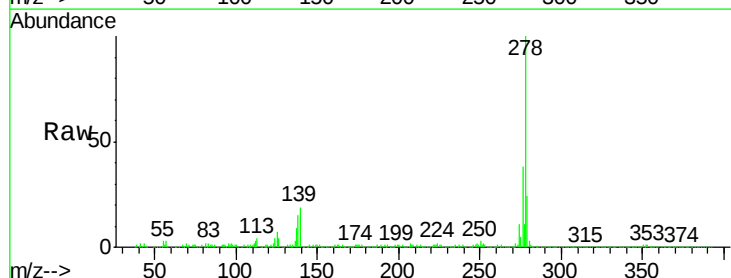
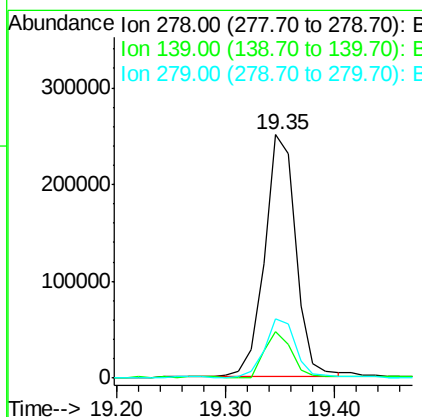
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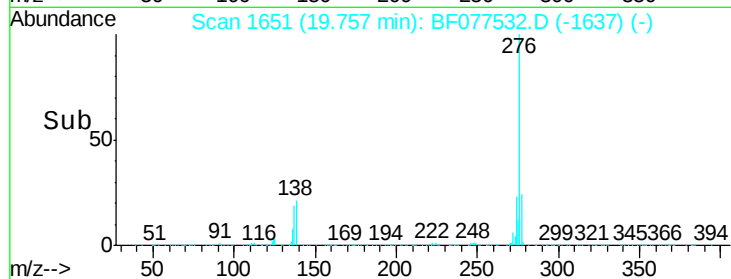
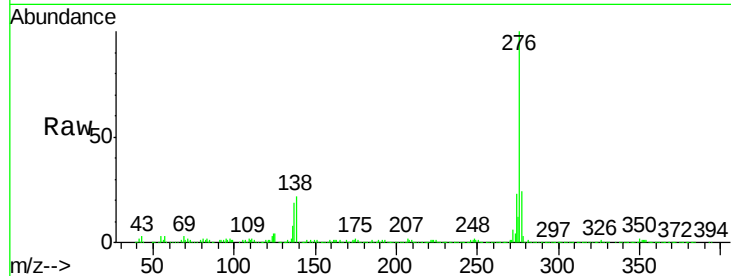
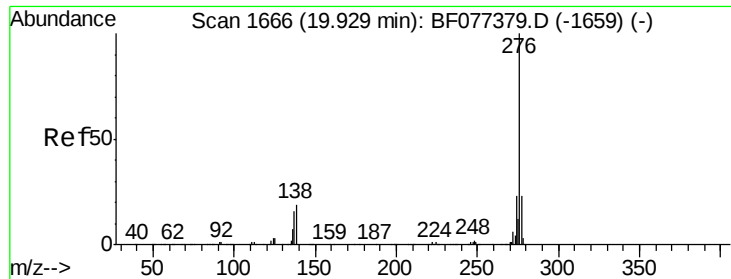
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#90
Dibenzo(a,h)anthracene
Concen: 23.80 ng
RT: 19.35 min Scan# 1615
Delta R.T. 0.05 min
Lab File: BF077532.D
Acq: 2 Mar 2015 19:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.3	21.5
279	24.4	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 25.39 ng
 RT: 19.75 min Scan# 1651
 Delta R.T. 0.05 min
 Lab File: BF077532.D
 Acq: 2 Mar 2015 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SB13MSD

Tgt Ion:	276	Resp:	536142
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	21.6	20.5	30.7

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