

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077489.D
 Acq On : 27 Feb 2015 4:32
 Operator : TP/IZ
 Sample : G1385-11MSD
 Misc : S
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Manual Integrations
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 2/27/2015 4:21:35 PM

Quant Time: Feb 27 07:37:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	74954	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	285483	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	167049	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	326483	20.00	ng	0.00
75) Chrysene-d12	16.16	240	339195	20.00	ng	0.02
86) Perylene-d12	17.91	264	349380	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	287540	64.04	ng	0.01
7) Phenol-d6	6.83	99	376513	65.22	ng	0.01
23) Nitrobenzene-d5	7.96	82	202784	44.17	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	106778	66.38	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	420628	39.26	ng	0.00
78) Terphenyl-d14	14.86	244	551439	38.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	31260	16.41	ng	95
3) Pyridine	2.98	79	85986m	15.78	ng	
4) n-Nitrosodimethylamine	2.88	42	66711	28.15	ng	88
6) Aniline	6.86	93	48103	6.03	ng	# 87
8) 2-Chlorophenol	7.00	128	114367	21.59	ng	93
9) Benzaldehyde	6.73	77	22804	6.51	ng	# 1
10) Phenol	6.85	94	140561	20.52	ng	90
11) bis(2-Chloroethyl)ether	6.96	93	98463	20.01	ng	87
12) 1,3-Dichlorobenzene	7.20	146	119360	20.70	ng	# 94
13) 1,4-Dichlorobenzene	7.29	146	114371	19.49	ng	94
14) 1,2-Dichlorobenzene	7.48	146	108755	19.49	ng	# 92
15) Benzyl Alcohol	7.45	79	95371	21.73	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.63	45	139696	19.86	ng	94
17) 2-Methylphenol	7.60	107	94900	22.92	ng	96
18) Hexachloroethane	7.89	117	65560	33.45	ng	# 1
19) n-Nitroso-di-n-propylamine	7.78	70	88028	24.01	ng	# 97
20) 3+4-Methylphenols	7.79	107	119684	21.95	ng	# 76
22) Acetophenone	7.77	105	243639	36.28	ng	# 68
24) Nitrobenzene	7.98	77	120105	24.87	ng	# 91
25) Isophorone	8.28	82	209970	23.05	ng	# 94
26) 2-Nitrophenol	8.38	139	48374	24.44	ng	# 88
27) 2,4-Dimethylphenol	8.44	122	105429	23.80	ng	98
28) bis(2-Chloroethoxy)methane	8.56	93	136648	23.75	ng	96
29) 2,4-Dichlorophenol	8.68	162	95821	23.05	ng	88
30) 1,2,4-Trichlorobenzene	8.78	180	99328	21.73	ng	97
31) Naphthalene	8.87	128	513777	35.99	ng	99
32) Benzoic acid	8.52	122	28665	13.32	ng	# 1
33) 4-Chloroaniline	8.94	127	55690	8.77	ng	# 93
34) Hexachlorobutadiene	9.03	225	57132	21.89	ng	98
35) Caprolactam	9.36	113	29822	23.50	ng	97
36) 4-Chloro-3-methylphenol	9.55	107	99682	23.85	ng	97
37) 2-Methylnaphthalene	9.73	142	336972	33.24	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.94	216	105182	21.94	ng	97
40) Hexachlorocyclopentadiene	9.92	237	29072	11.31	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.08	196	70775	22.30	ng	97
43) 2,4,5-Trichlorophenol	10.13	196	76183	22.44	ng	95
45) 1,1'-Biphenyl	10.31	154	281730	22.26	ng	98
46) 2-Chloronaphthalene	10.33	162	211283	21.29	ng	93
47) 2-Nitroaniline	10.46	65	64341	26.33	ng	# 72
48) Acenaphthylene	10.85	152	343143	21.84	ng	100
49) Dimethylphthalate	10.70	163	285319	24.30	ng	97
50) 2,6-Dinitrotoluene	10.77	165	53740	22.82	ng	# 84
51) Acenaphthene	11.06	154	204604	21.82	ng	100
52) 3-Nitroaniline	10.97	138	48577	17.89	ng	90
53) 2,4-Dinitrophenol	11.11	184	3515	4.91	ng	# 52
54) Dibenzofuran	11.28	168	324370	22.41	ng	99
55) 4-Nitrophenol	11.19	139	95162	43.58	ng	# 62
56) 2,4-Dinitrotoluene	11.27	165	70442	22.14	ng	# 78
57) Fluorene	11.70	166	259090	22.38	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.43	232	65946	24.17	ng	96
59) Diethylphthalate	11.58	149	254045	21.95	ng	98
60) 4-Chlorophenyl-phenylether	11.71	204	124848	22.39	ng	92
61) 4-Nitroaniline	11.72	138	51138	19.65	ng	98
62) Azobenzene	11.91	77	246220	22.42	ng	97
64) 4,6-Dinitro-2-methylphenol	11.77	198	5255	7.43	ng	# 65
65) n-Nitrosodiphenylamine	11.86	169	238535	22.02	ng	100
66) 4-Bromophenyl-phenylether	12.32	248	75630	19.78	ng	94
67) Hexachlorobenzene	12.38	284	82018	19.99	ng	# 92
68) Atrazine	12.53	200	77800	22.09	ng	95
69) Pentachlorophenol	12.63	266	91675	42.51	ng	99
70) Phenanthrene	12.90	178	427201	22.58	ng	99
71) Anthracene	12.96	178	399508	21.27	ng	98
72) Carbazole	13.16	167	392111	21.96	ng	99
73) Di-n-butylphthalate	13.62	149	460266	21.95	ng	98
74) Fluoranthene	14.37	202	469061	22.69	ng	100
76) Benzidine	14.55	184	294118	25.66	ng	97
77) Pyrene	14.65	202	483794	23.32	ng	98
79) Butylbenzylphthalate	15.48	149	189899	22.25	ng	98
80) Benzo(a)anthracene	16.15	228	423405	21.30	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	136485	18.74	ng	# 97
82) Chrysene	16.19	228	394109	21.11	ng	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	291733	21.31	ng	# 96
84) Di-n-octyl phthalate	17.01	149	549741	24.05	ng	100
85) Indeno(1,2,3-cd)pyrene	19.38	276	450210m	21.15	ng	
87) Benzo(b)fluoranthene	17.46	252	511965	25.20	ng	# 96
88) Benzo(k)fluoranthene	17.49	252	347696m	17.46	ng	
89) Benzo(a)pyrene	17.85	252	407956	21.08	ng	97
90) Dibenzo(a,h)anthracene	19.41	278	364522	19.75	ng	99
91) Benzo(g,h,i)perylene	19.81	276	356781	19.16	ng	# 94

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

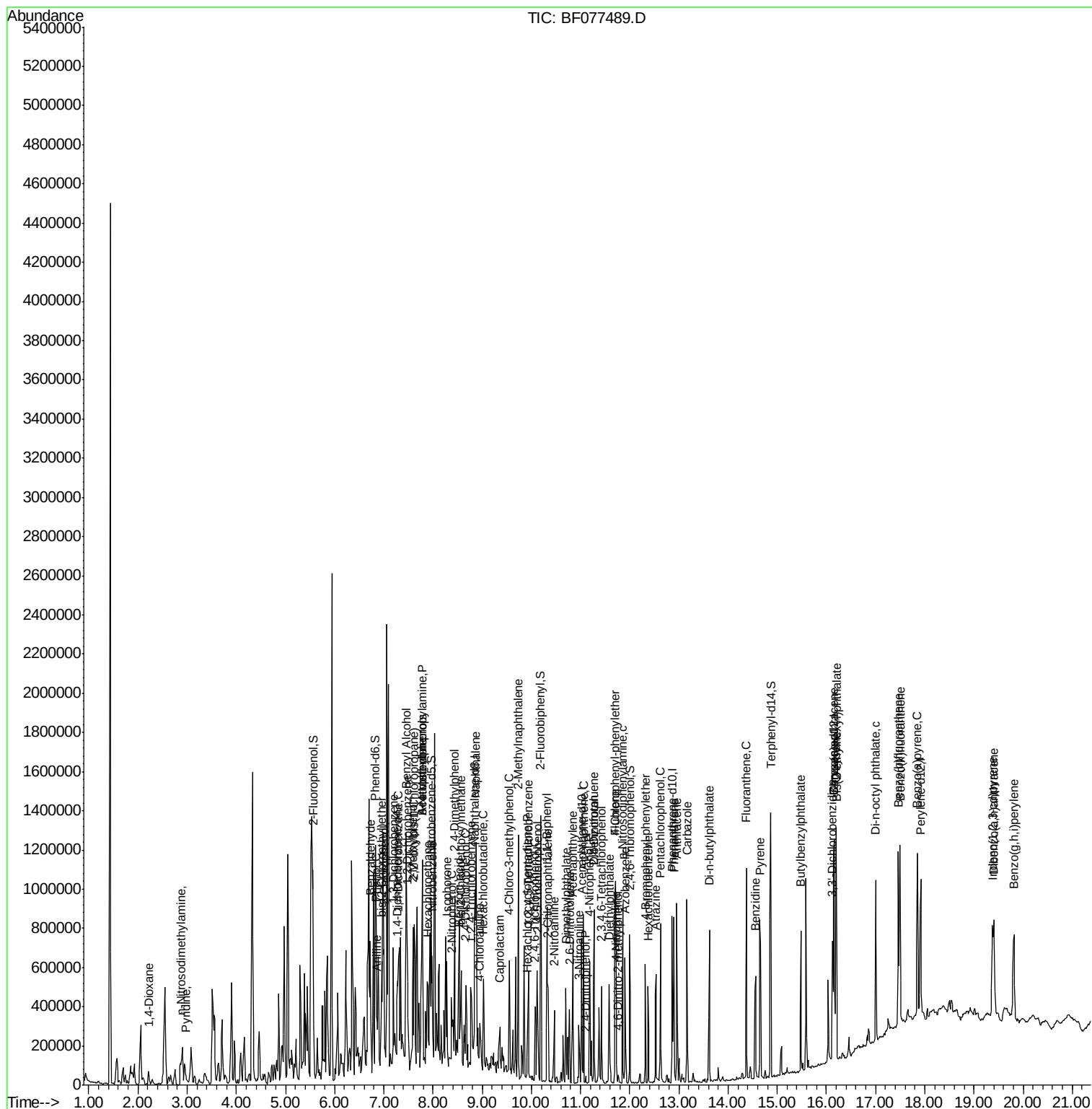
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ALS Vial  : 27    Sample Multiplier: 1
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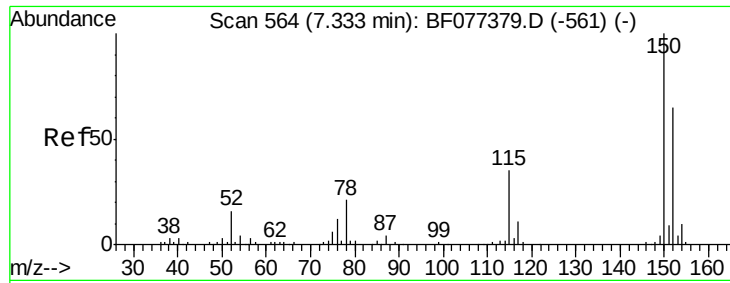
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

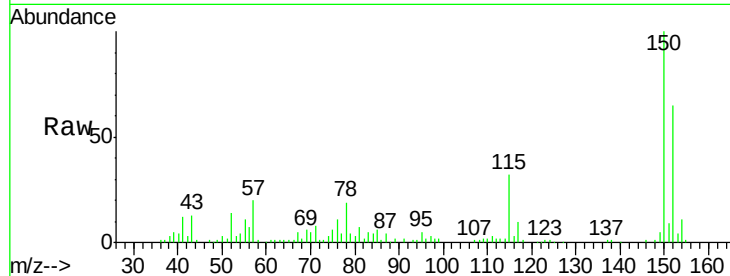
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B-11-D910MSD

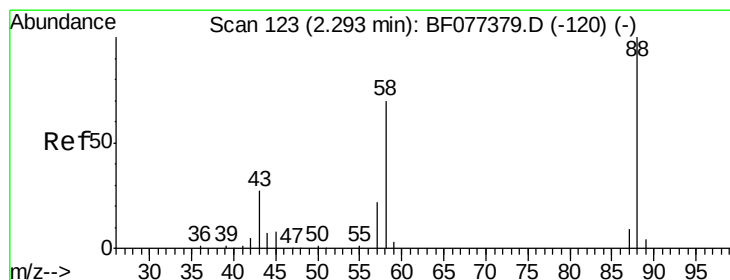
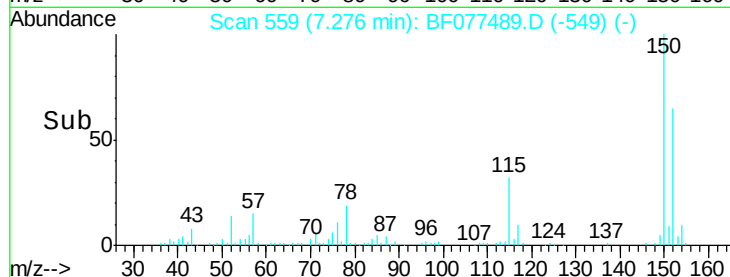
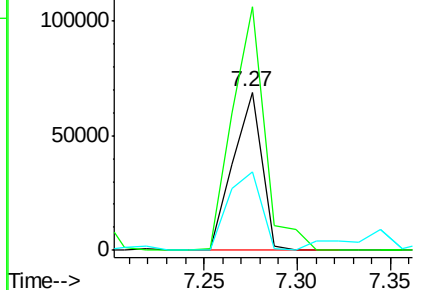
Tgt Ion:	152	Resp:	74954
Ion Ratio	Lower	Upper	
152	100		
150	153.7	124.0	186.0
115	49.3	49.4	74.2#

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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: 16.41 ng

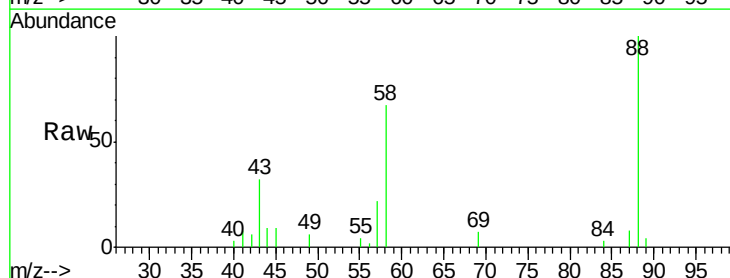
RT: 2.22 min Scan# 117

Delta R.T. 0.03 min

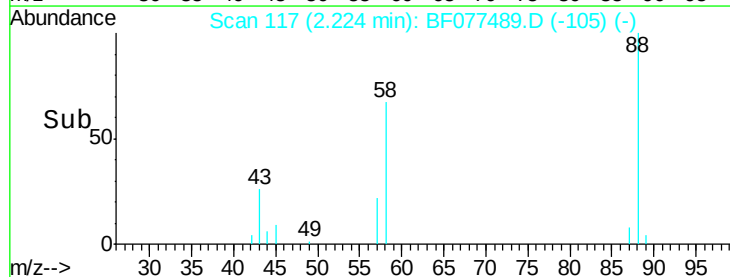
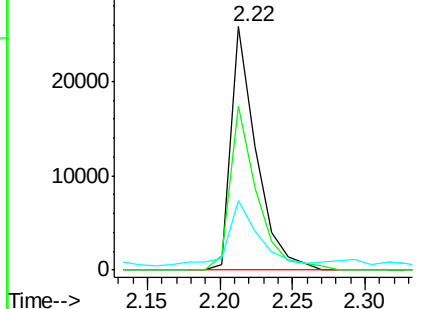
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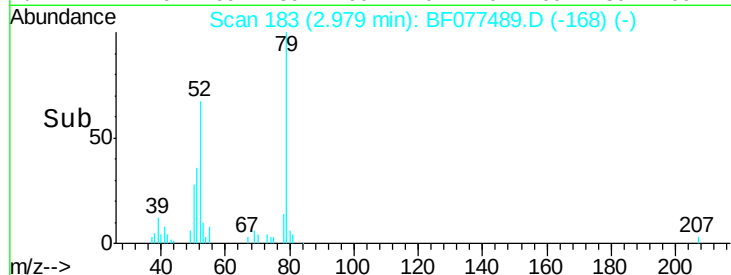
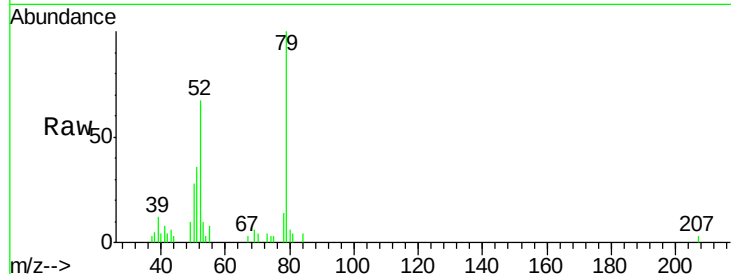
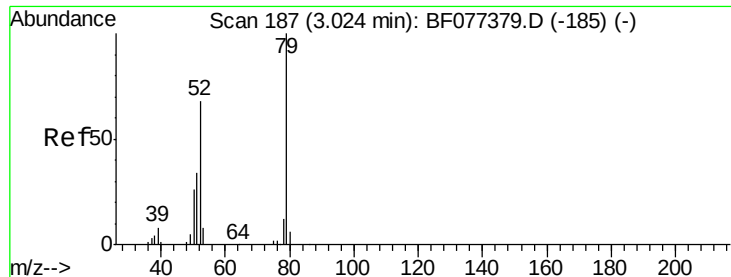
Acq: 27 Feb 2015 4:32

Tgt Ion:	88	Resp:	31260
Ion Ratio	Lower	Upper	
88	100		
58	71.9	62.1	93.1
43	31.1	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





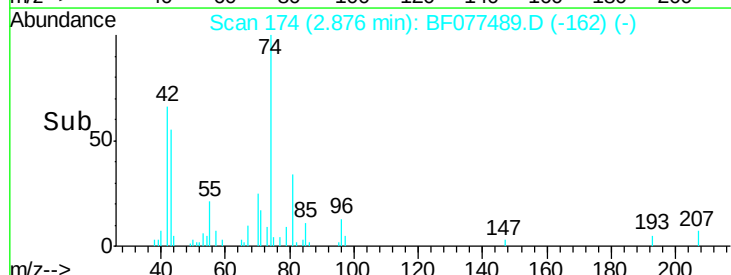
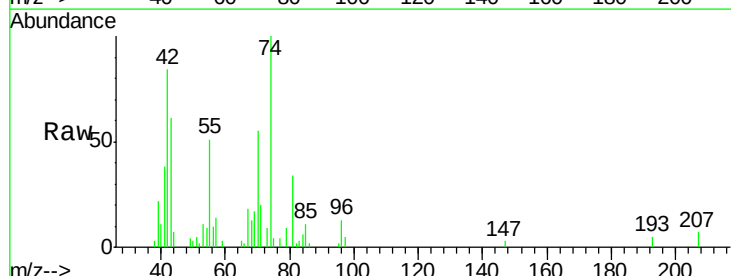
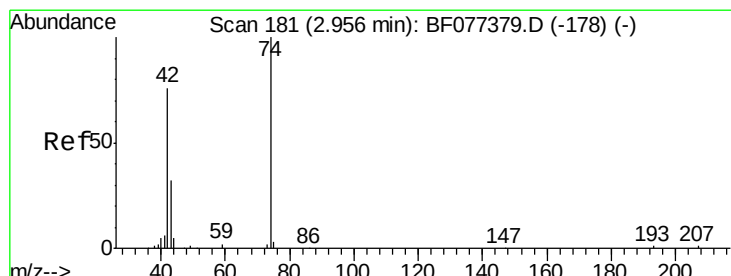
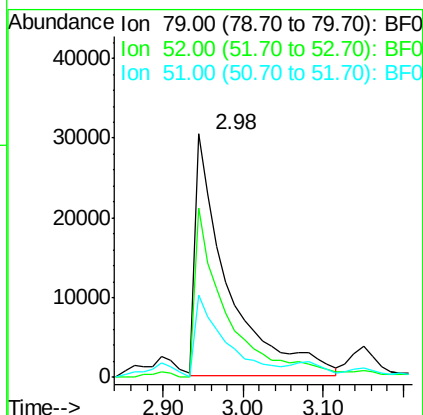
#3
 Pyridine
 Concen: 15.78 ng m
 RT: 2.98 min Scan# 183
 Delta R.T. 0.07 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:	79	Resp:	85986
Ion Ratio	Lower	Upper	
79	100		
52	67.3	57.7	86.5
51	36.1	28.5	42.7

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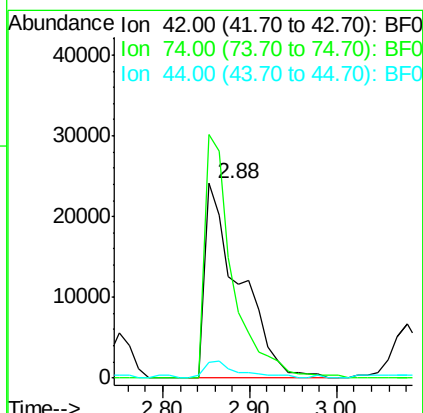
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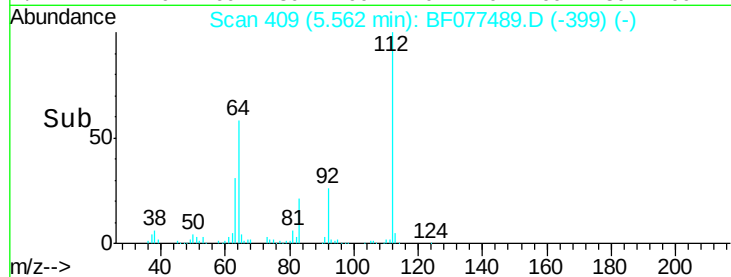
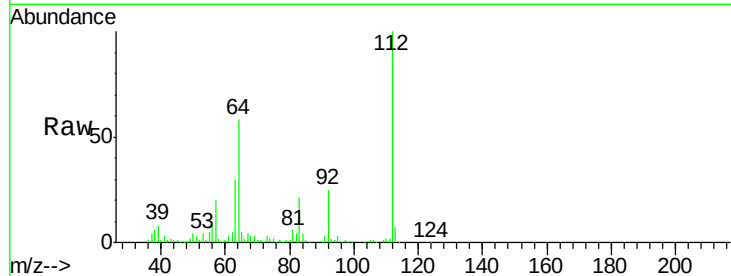
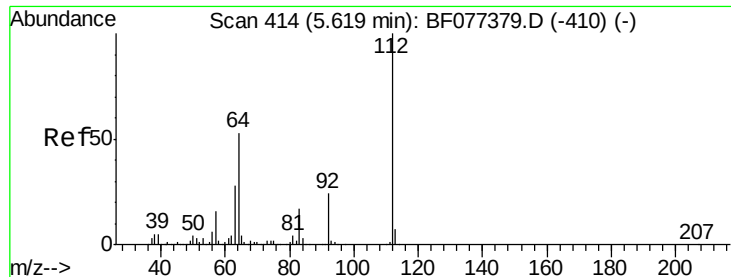
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#4
 n-Nitrosodimethylamine
 Concen: 28.15 ng
 RT: 2.88 min Scan# 174
 Delta R.T. 0.04 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:	42	Resp:	66711
Ion Ratio	Lower	Upper	
42	100		
74	118.7	107.1	160.7
44	8.7	6.7	10.1





#5

2-Fluorophenol

Concen: 64.04 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077489.D

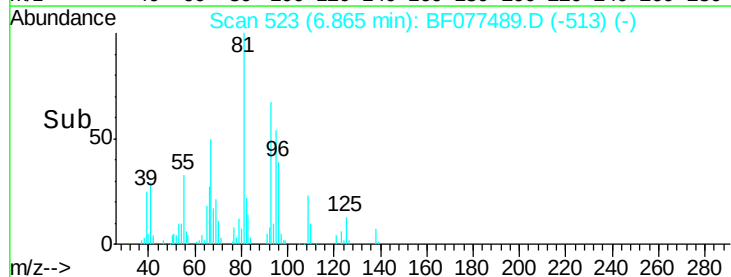
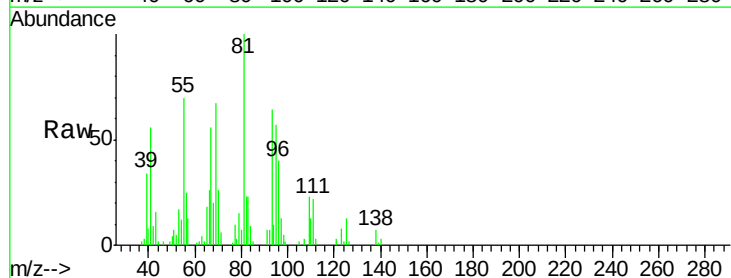
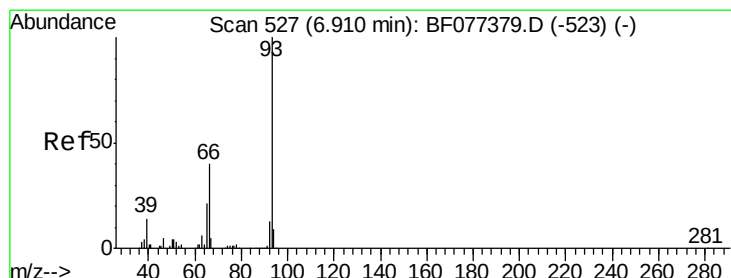
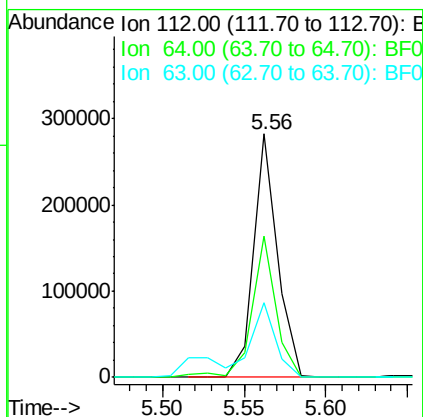
Acq: 27 Feb 2015 4:32

Tgt Ion:	112	Resp:	287540
Ion Ratio	Lower	Upper	
112	100		
64	57.8	48.5	72.7
63	30.5	25.0	37.4

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#6

Aniline

Concen: 6.03 ng

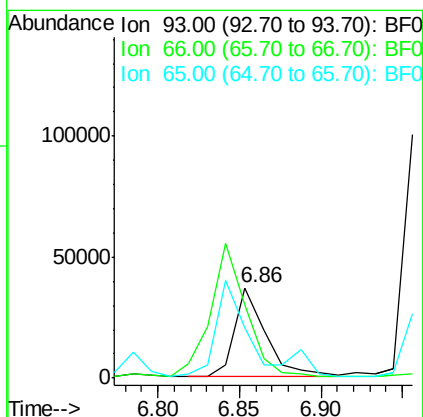
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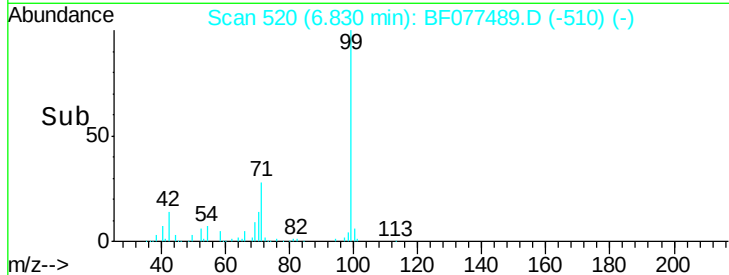
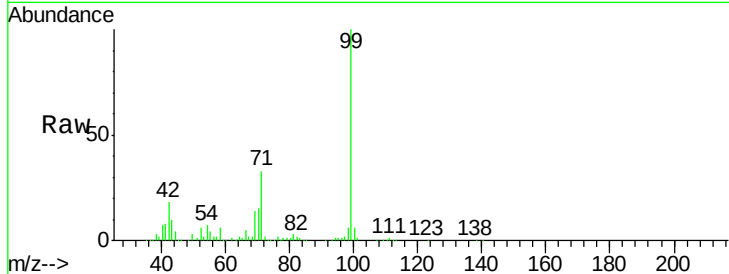
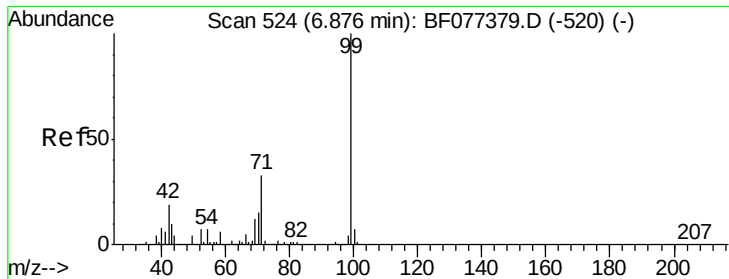
Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	93	Resp:	48103
Ion Ratio	Lower	Upper	
93	100		
66	41.3	29.1	43.7
65	28.3	14.6	22.0





#7

Phenol-d6

Concen: 65.22 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	376513		
42	17.7	16.2	24.4	
71	33.2	26.7	40.1	

Instrument :

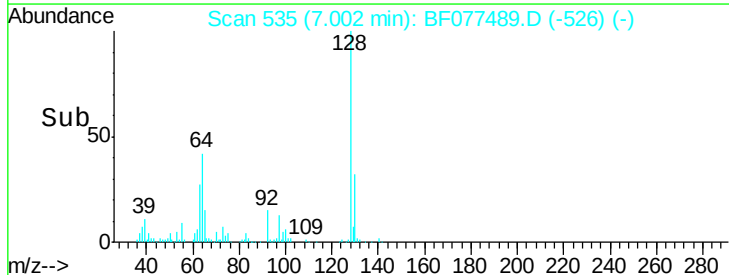
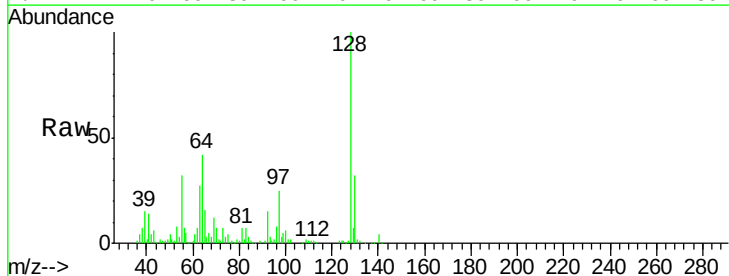
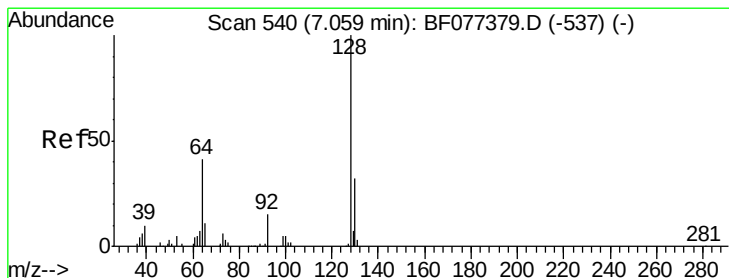
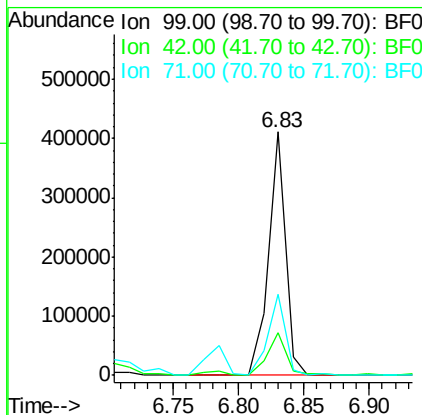
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#8

2-Chlorophenol

Concen: 21.59 ng

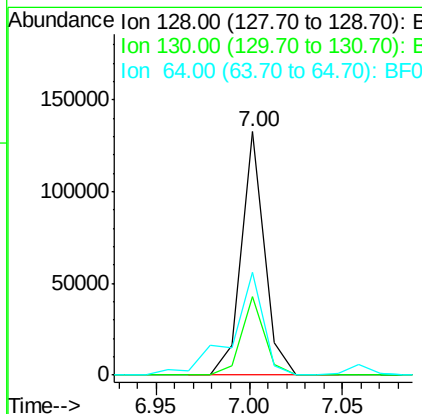
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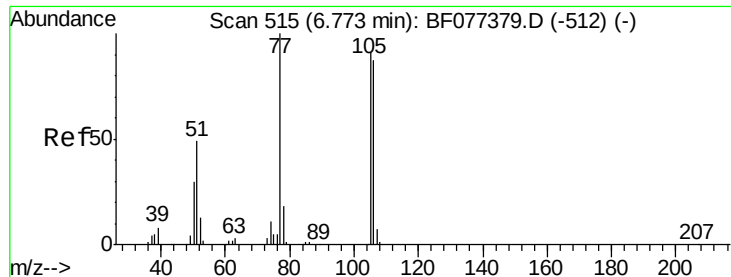
Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	114367		
130	32.3	12.0	52.0	
64	42.0	29.2	69.2	





#9

Benzaldehyde

Concen: 6.51 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

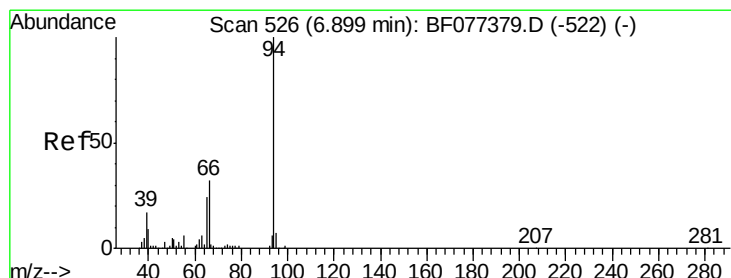
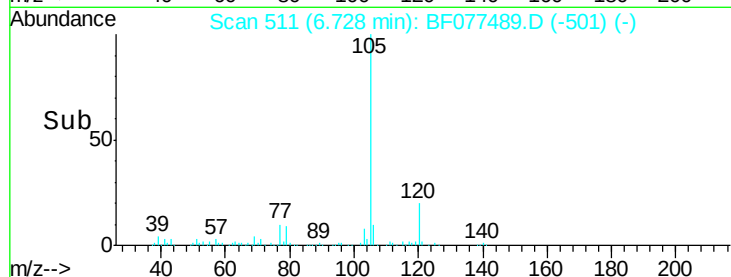
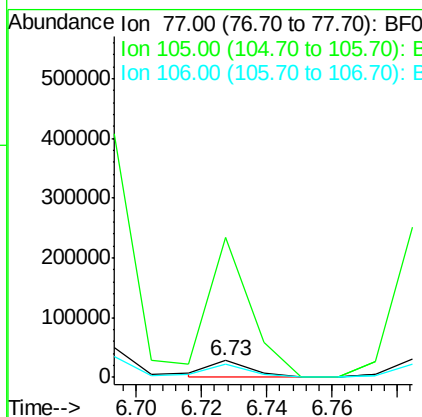
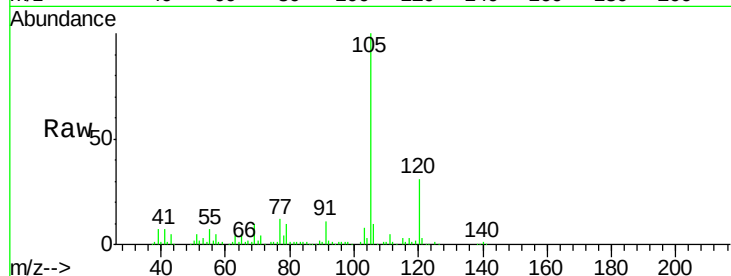
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Tgt Ion:	77	Resp:	22804
Ion Ratio	Lower	Upper	
77	100		
105	835.0	85.9	125.9#
106	80.5	82.9	122.9#



#10

Phenol

Concen: 20.52 ng

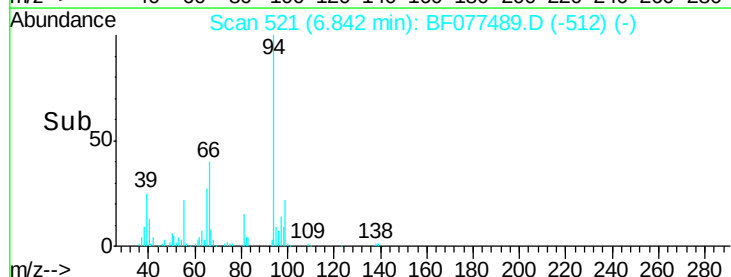
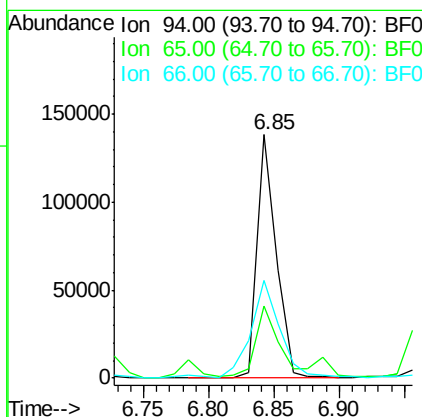
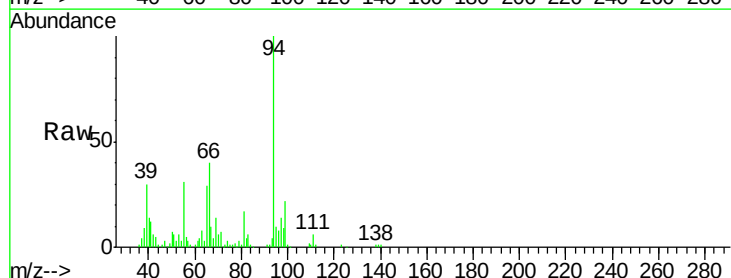
RT: 6.85 min Scan# 521

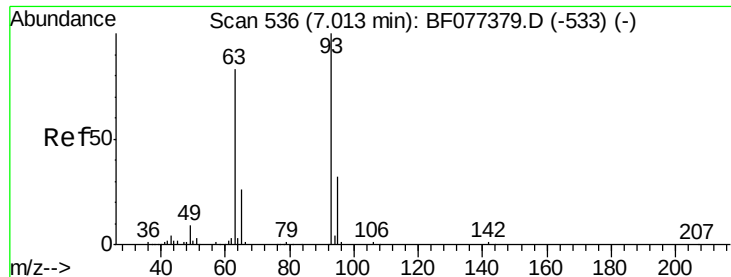
Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	94	Resp:	140561
Ion Ratio	Lower	Upper	
94	100		
65	29.4	5.7	45.7
66	40.2	13.6	53.6





#11

bis(2-Chloroethyl)ether

Concen: 20.01 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

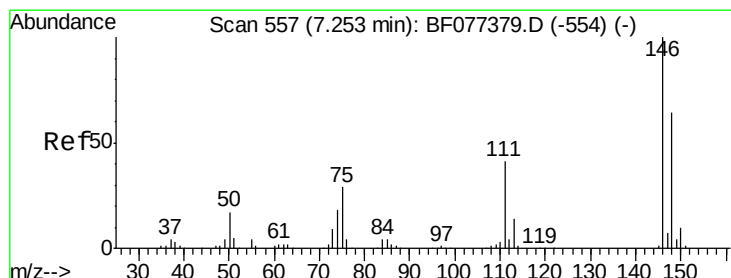
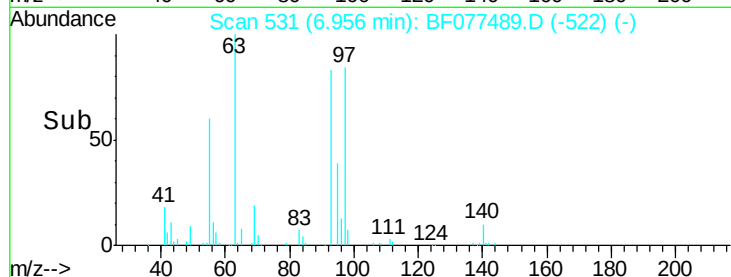
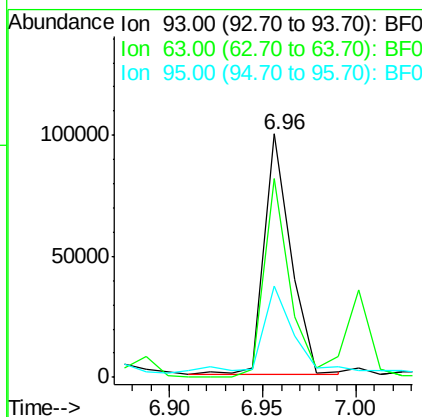
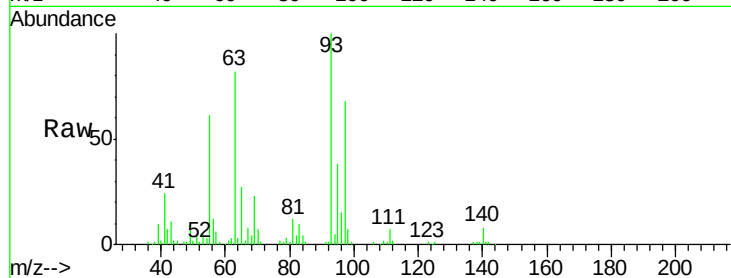
ClientSampleId :

B-11-D910MSD

Tgt Ion:	93	Resp:	98463
Ion Ratio	Lower	Upper	
93	100		
63	81.8	48.7	88.7
95	37.7	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 20.70 ng

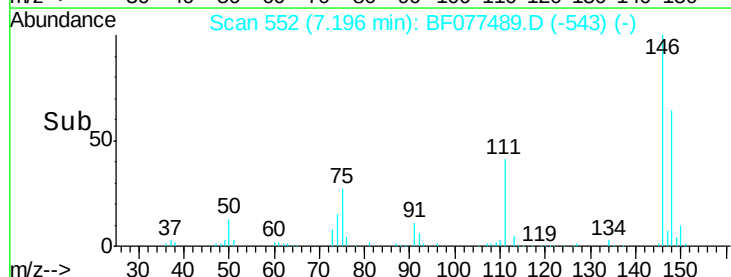
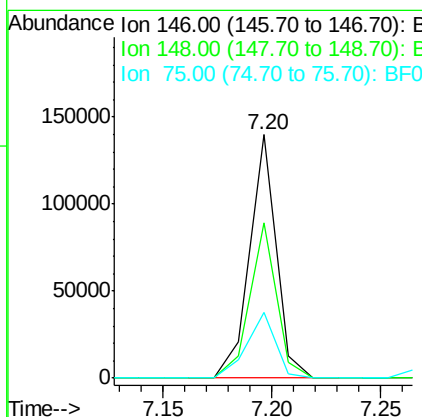
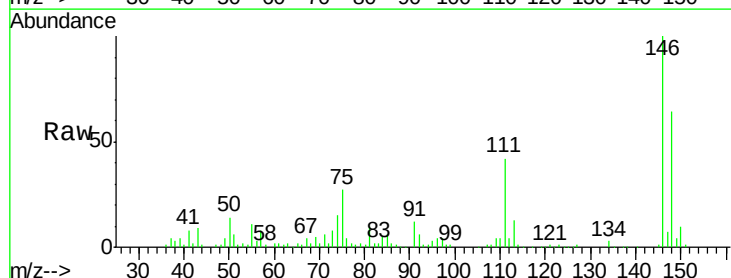
RT: 7.20 min Scan# 552

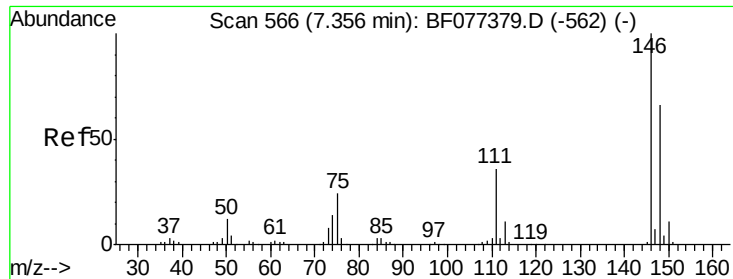
Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	146	Resp:	119360
Ion Ratio	Lower	Upper	
146	100		
148	63.7	49.8	74.8
75	26.8	28.2	42.4#





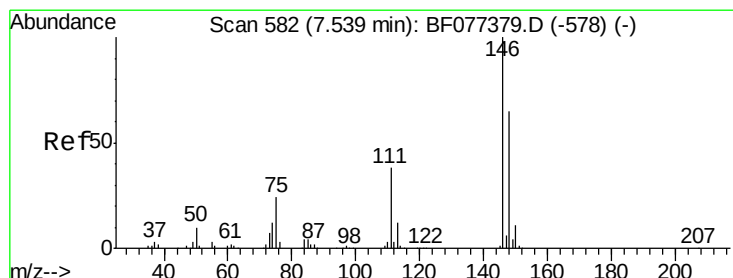
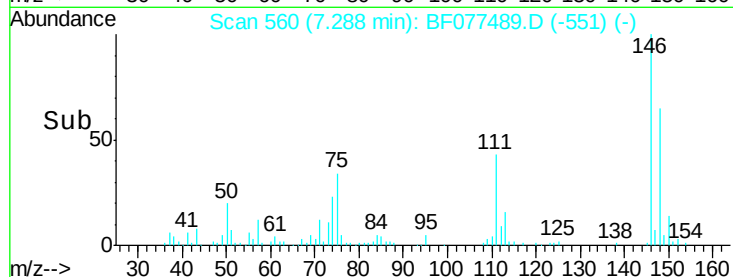
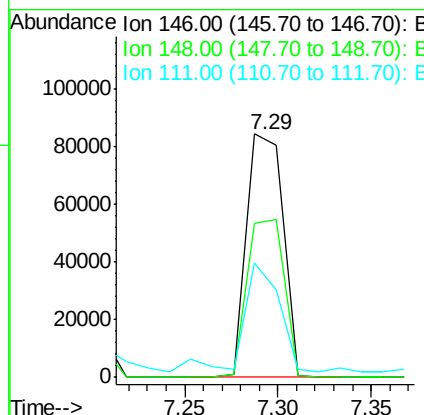
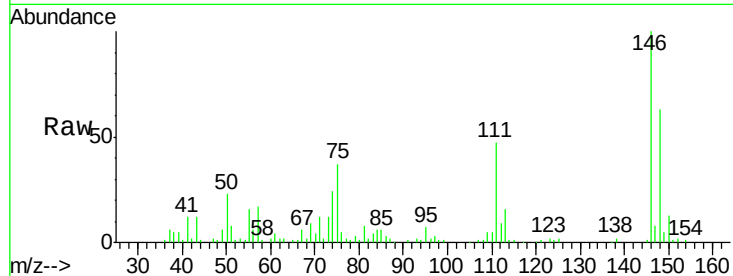
#13
 1,4-Dichlorobenzene
 Concen: 19.49 ng
 RT: 7.29 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	47.2	31.9	47.9

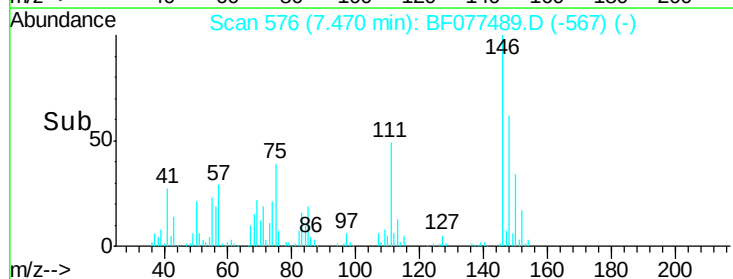
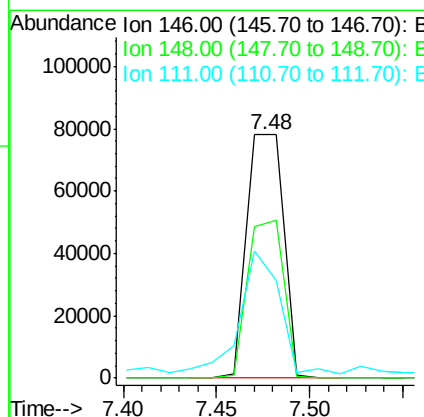
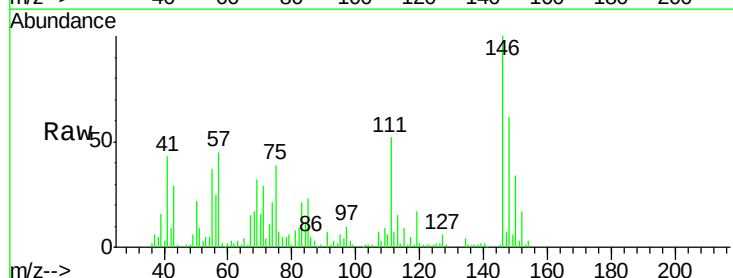
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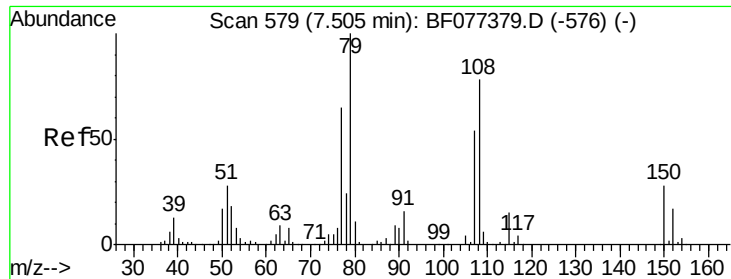
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#14
 1,2-Dichlorobenzene
 Concen: 19.49 ng
 RT: 7.48 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	52.3	34.2	51.2#





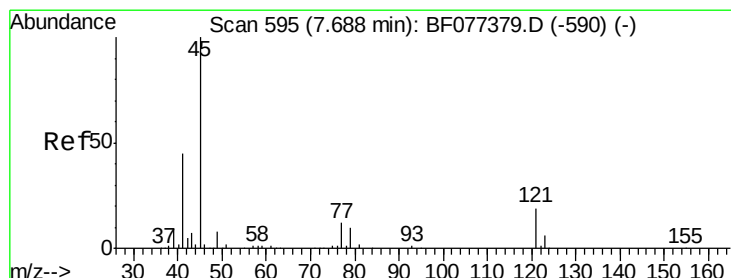
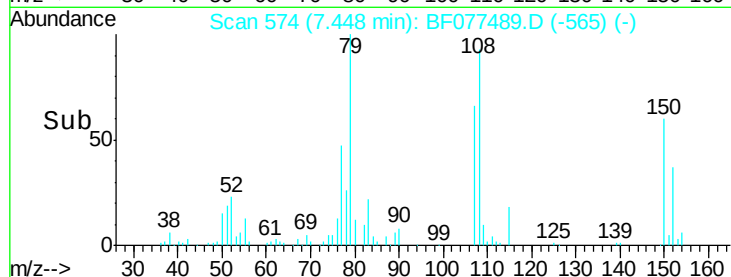
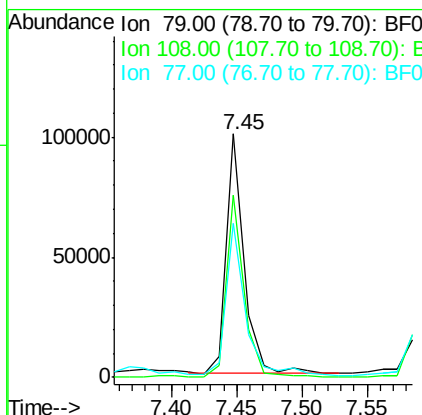
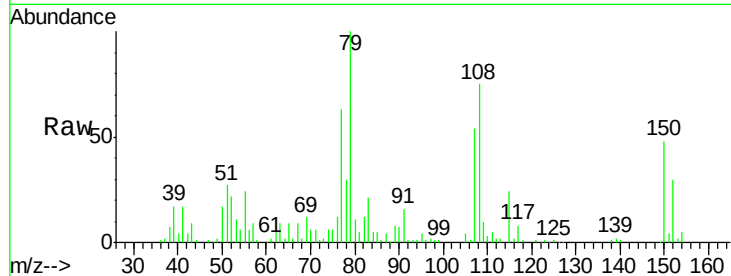
#15
Benzyl Alcohol
Concen: 21.73 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampled :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	95371		
108	74.7	58.3	87.5	
77	63.1	51.3	76.9	

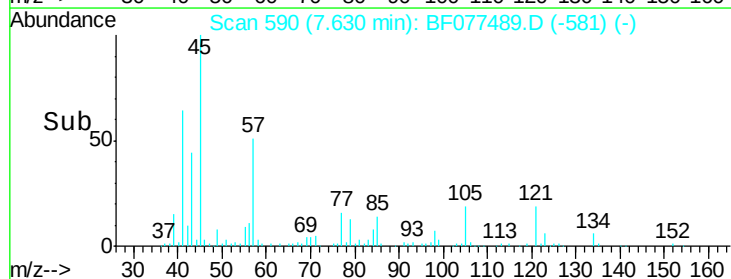
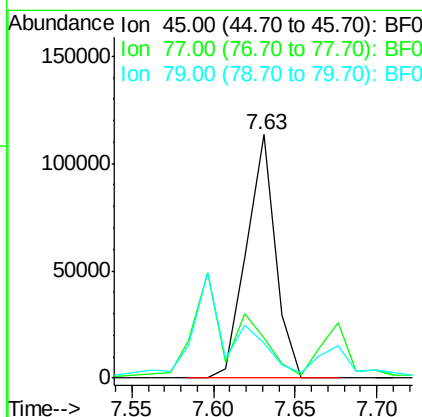
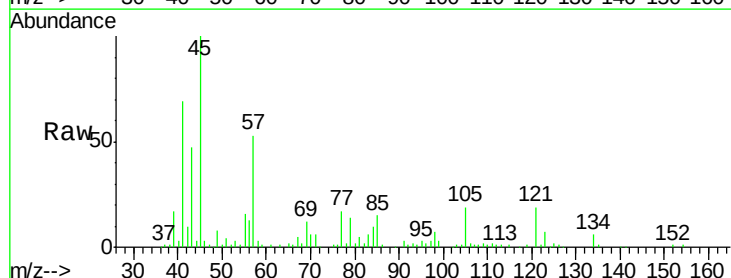
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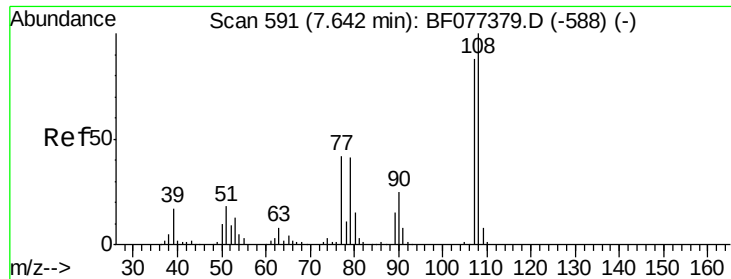
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.86 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	139696		
77	16.6	0.0	34.6	
79	14.3	0.0	31.5	





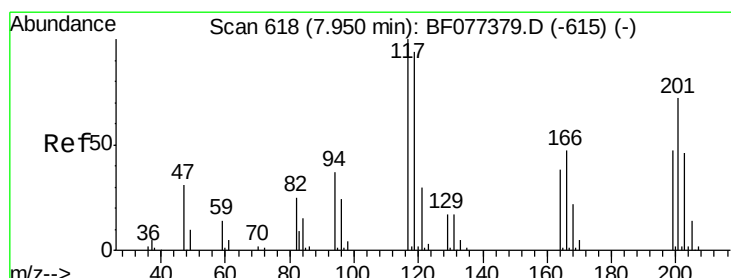
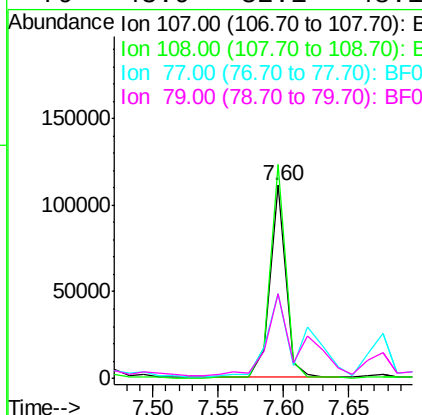
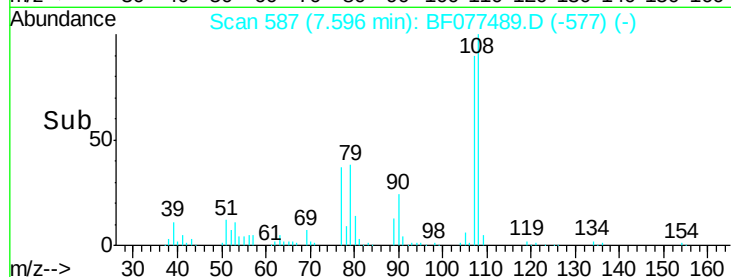
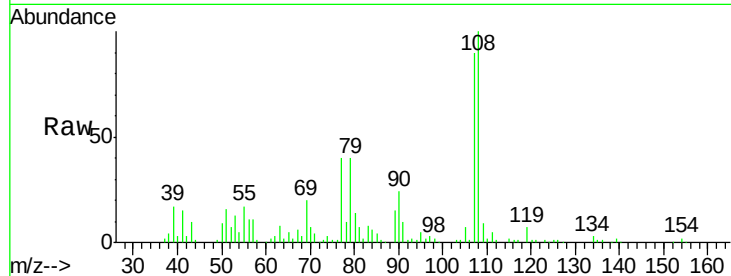
#17
2-Methylphenol
Concen: 22.92 ng
RT: 7.60 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	94900		
108	110.8	91.2	136.8	
77	43.8	33.6	50.4	
79	43.9	32.1	48.1	

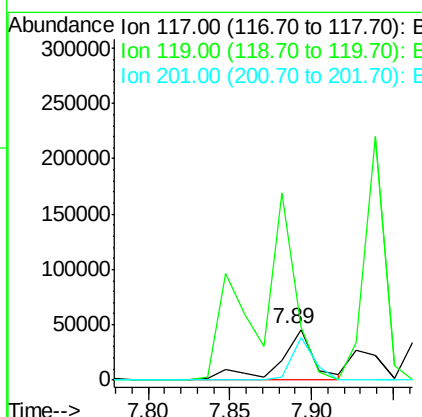
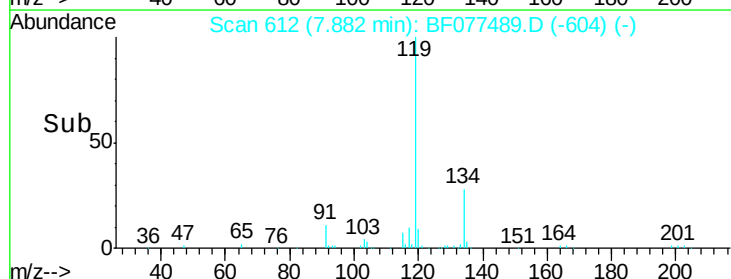
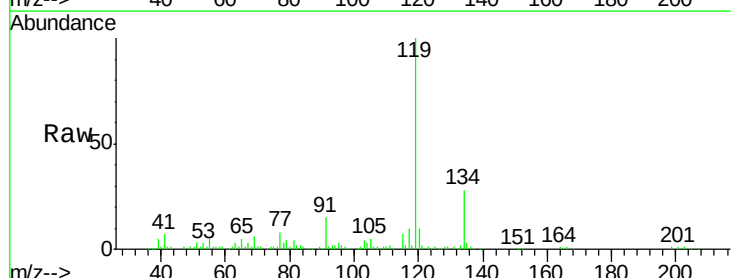
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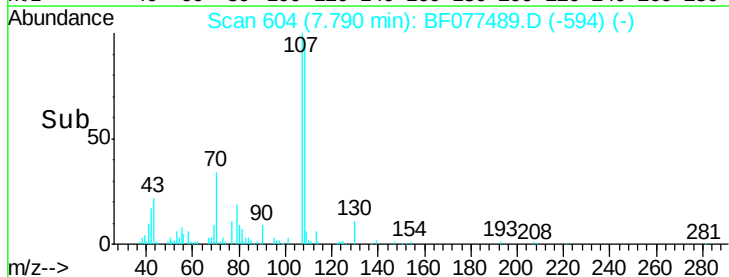
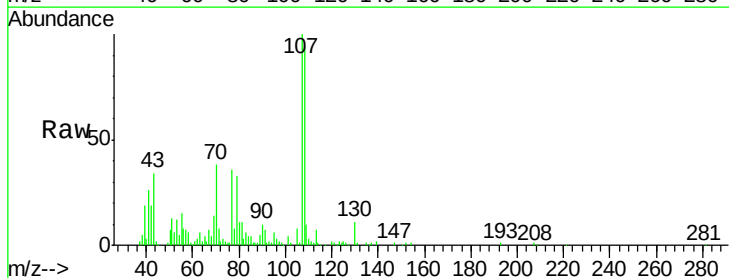
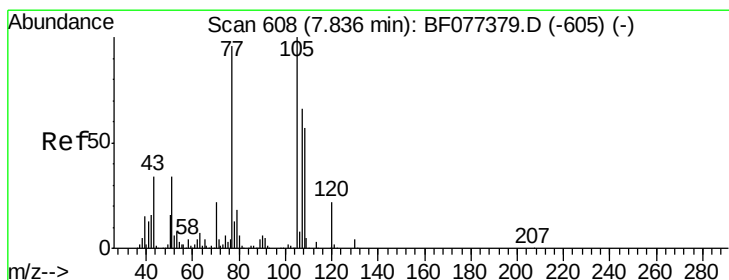
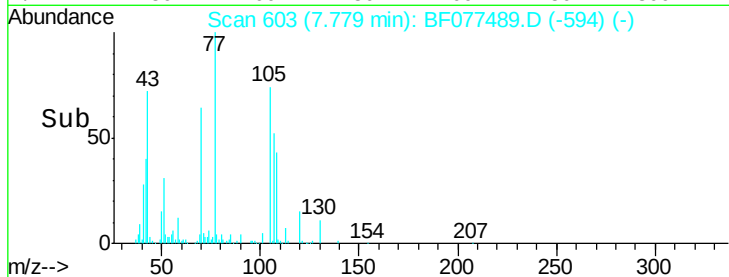
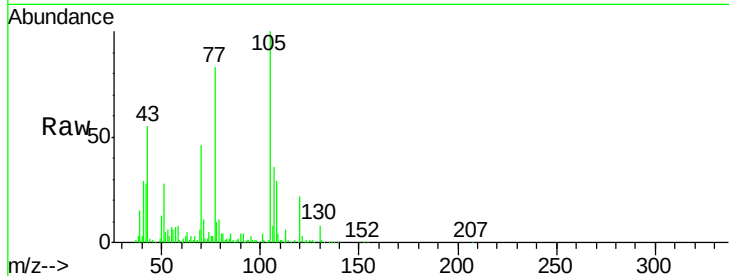
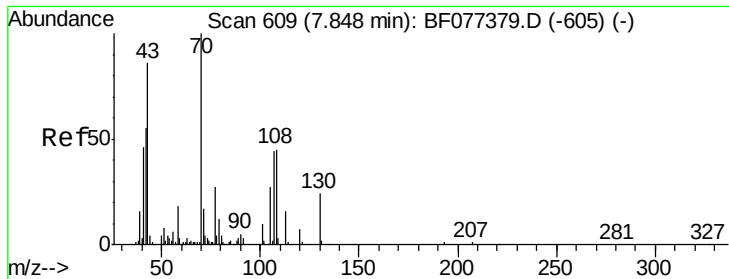
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#18
Hexachloroethane
Concen: 33.45 ng
RT: 7.89 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	65560		
119	976.4	77.8	116.8#	
201	12.6	90.6	136.0#	





#19

n-Nitroso-di-n-propylamine

Concen: 24.01 ng

RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

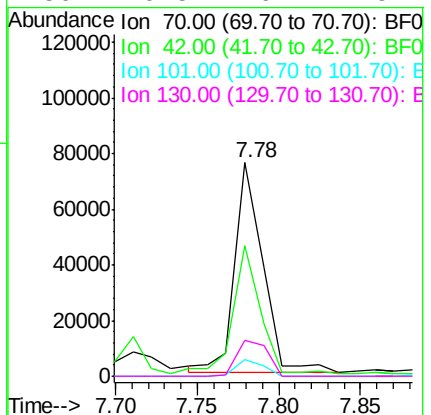
Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.2	48.3	72.5
101	8.1	7.5	11.3
130	16.5	16.7	25.1#



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#20

3+4-Methylphenols

Concen: 21.95 ng

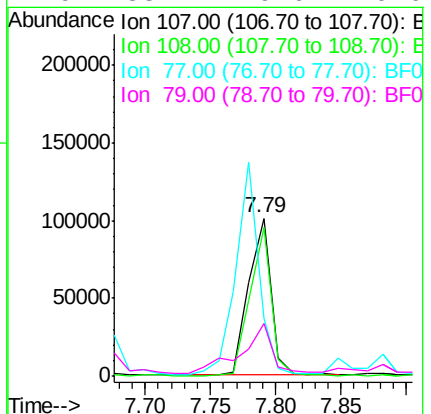
RT: 7.79 min Scan# 604

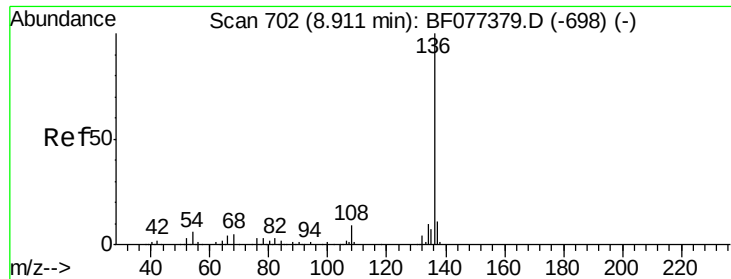
Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	76.8	116.8
77	36.3	65.8	105.8#
79	33.2	9.6	49.6





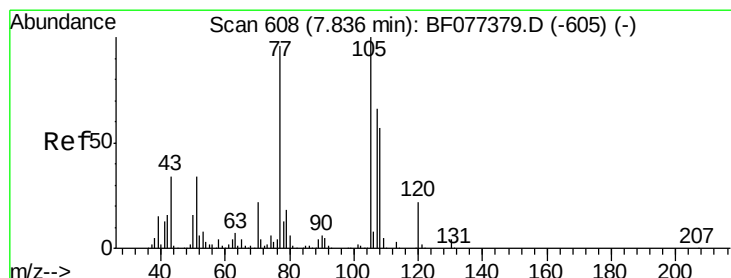
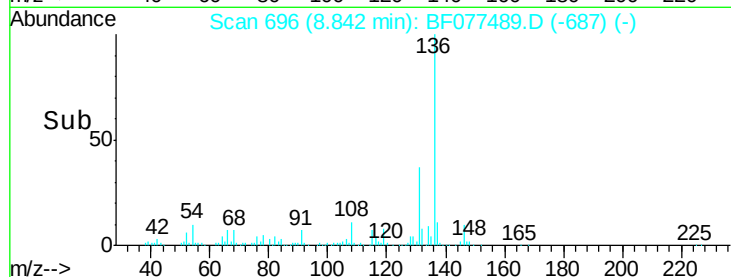
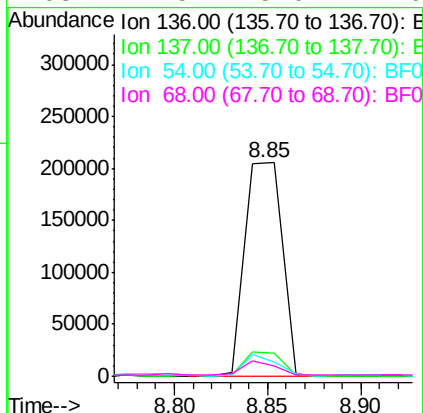
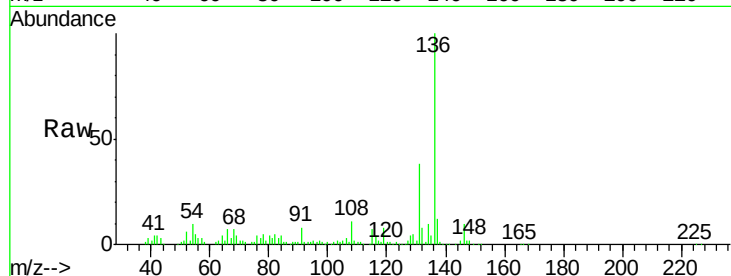
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.85 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285483		
137	11.7	8.6	13.0	
54	10.2	6.2	9.4	
68	7.5	5.0	7.6	

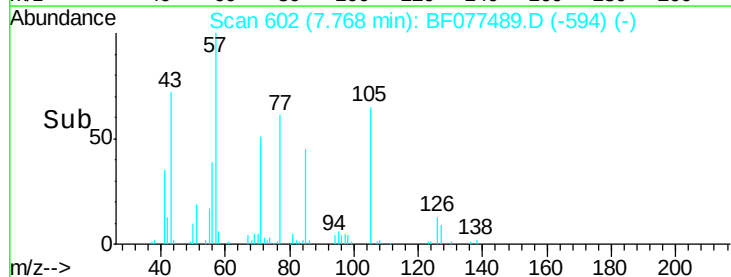
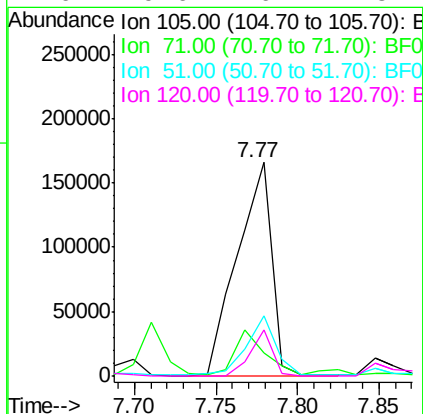
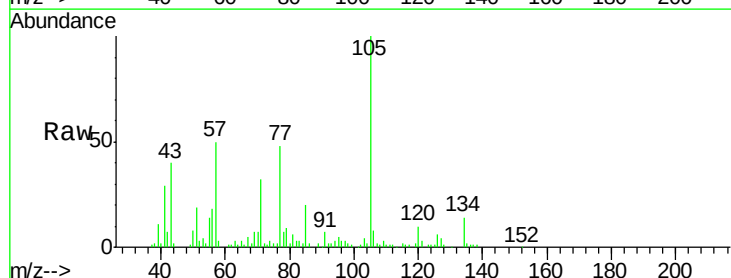
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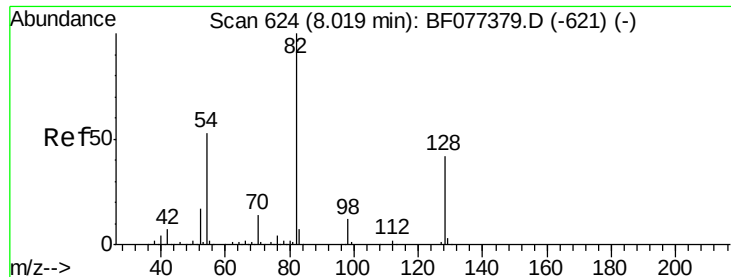
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#22
Acetophenone
Concen: 36.28 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243639		
71	31.6	1.7	2.5	
51	18.6	30.7	46.1	
120	9.6	16.7	25.1	





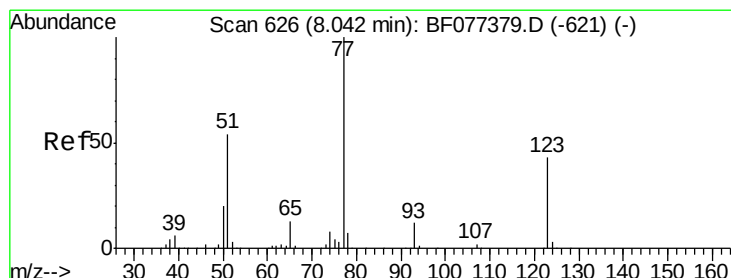
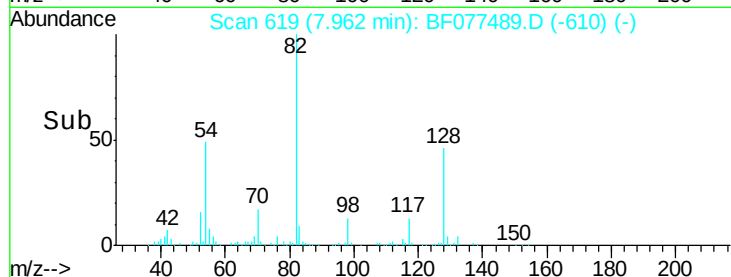
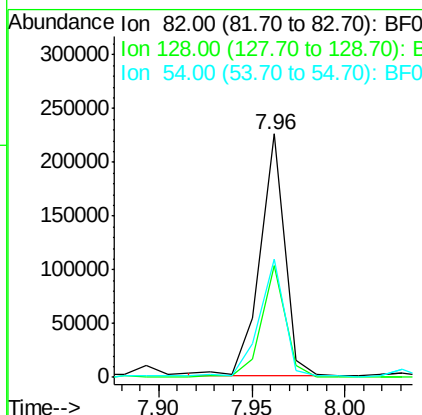
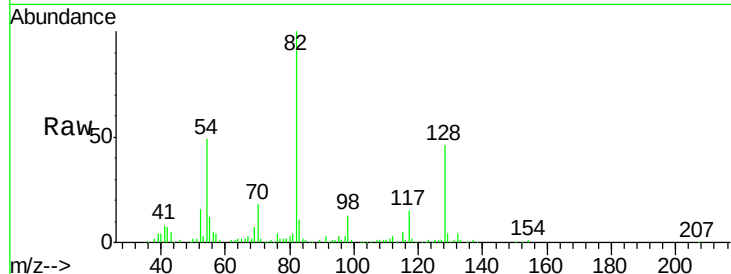
#23
 Nitrobenzene-d5
 Concen: 44.17 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	43.8	65.8
54	48.8	36.7	55.1

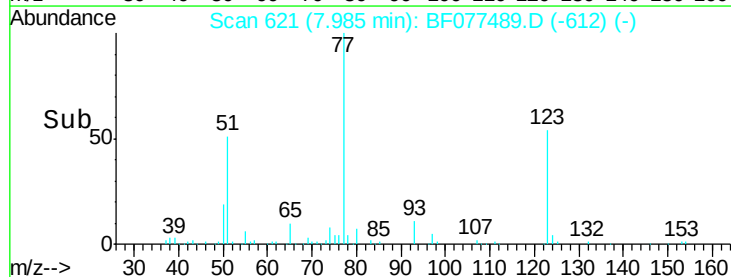
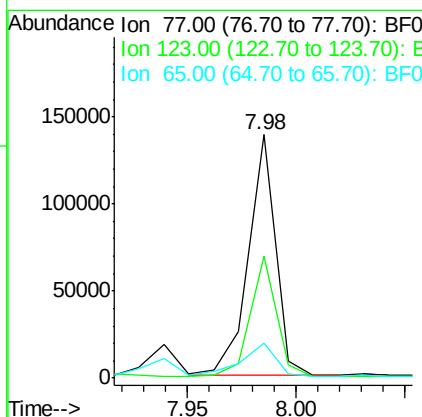
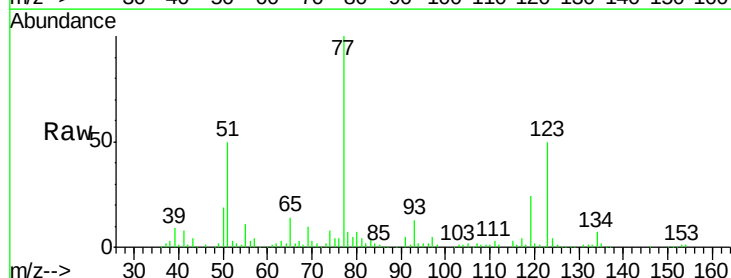
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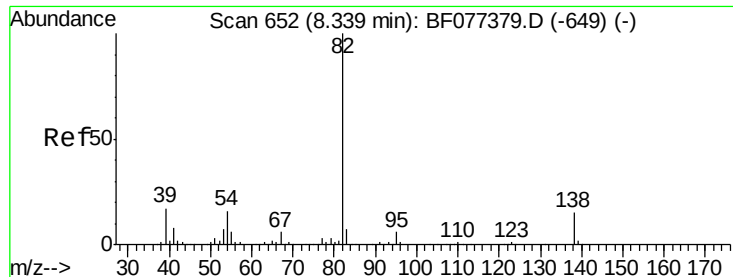
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#24
 Nitrobenzene
 Concen: 24.87 ng
 RT: 7.98 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	45.9	68.9
65	14.5	9.5	14.3#





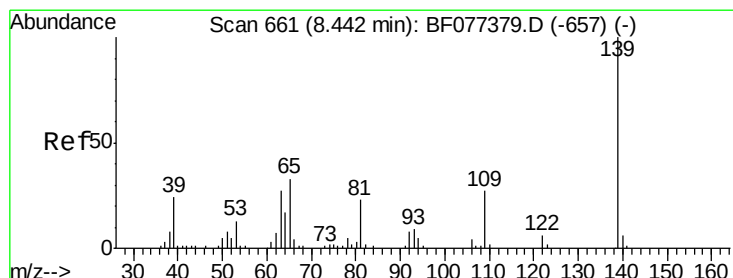
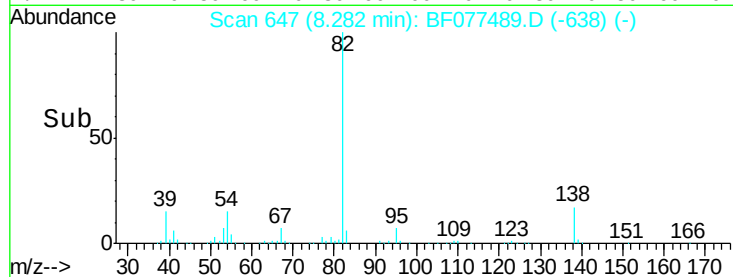
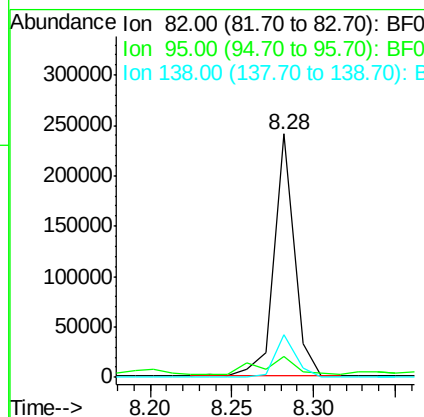
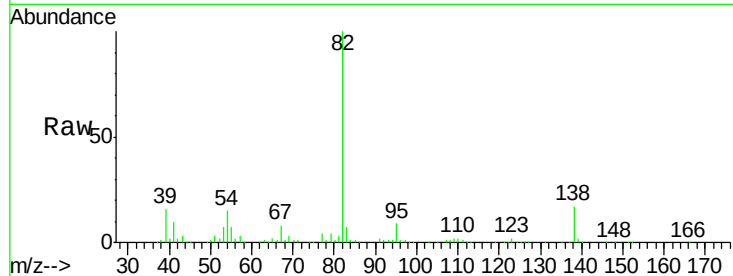
#25
Isophorone
Concen: 23.05 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	209970		
95	8.5	5.4	8.2#	
138	17.3	16.3	24.5	

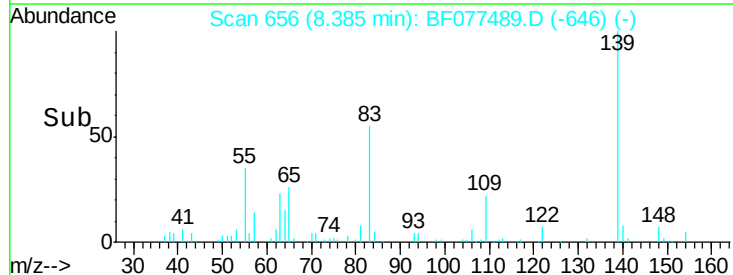
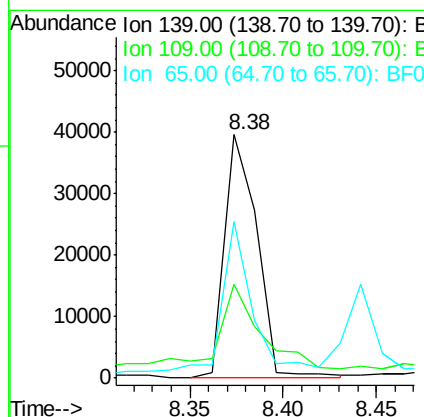
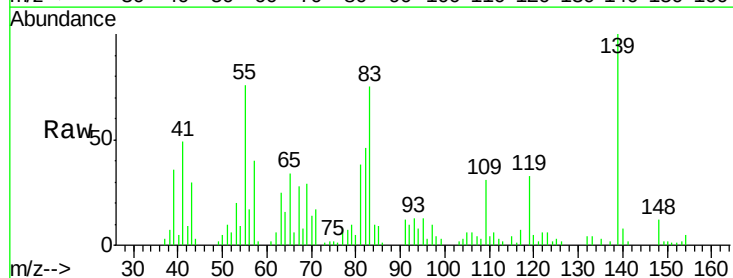
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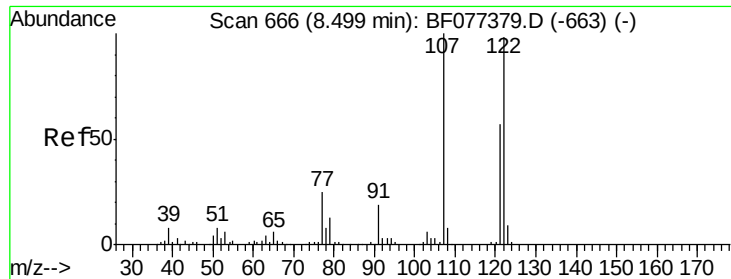
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#26
2-Nitrophenol
Concen: 24.44 ng
RT: 8.38 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	48374		
109	31.0	22.6	34.0	
65	34.4	36.4	54.6#	





#27

2,4-Dimethylphenol

Concen: 23.80 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

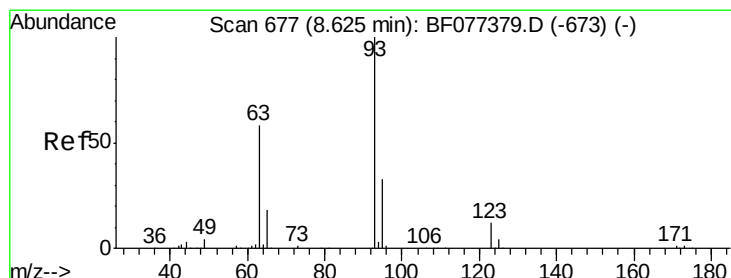
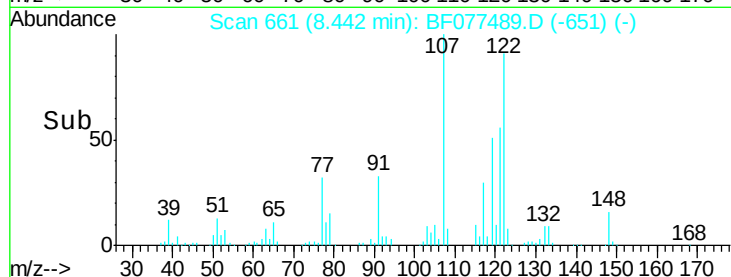
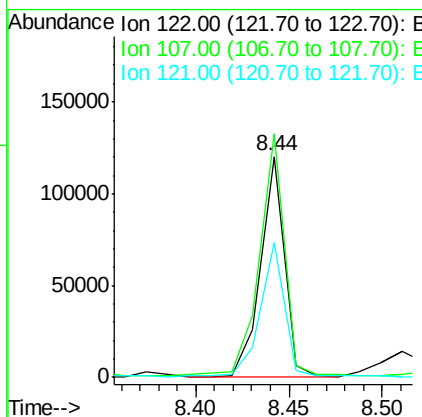
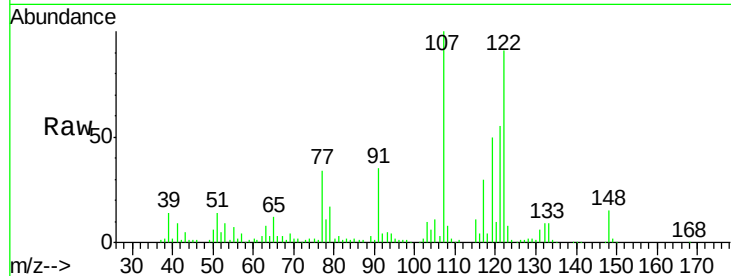
ClientSampleId :

B-11-D910MSD

Tgt Ion:	122	Resp:	105429
Ion Ratio	Lower	Upper	
122	100		
107	110.2	86.6	130.0
121	61.1	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 23.75 ng

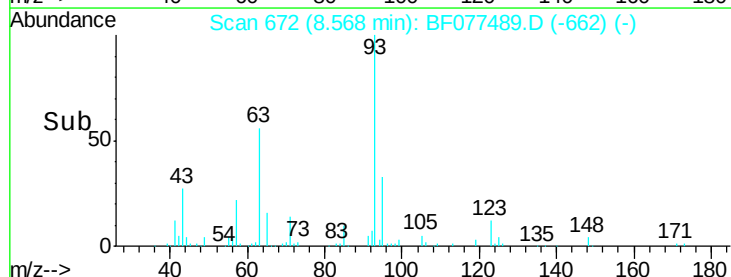
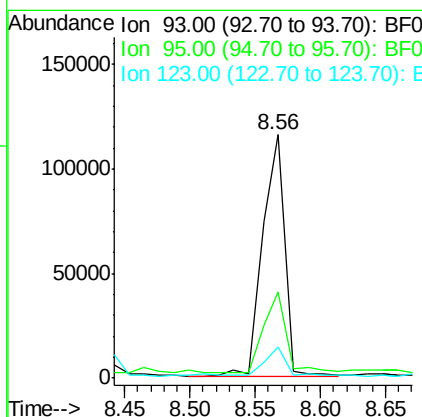
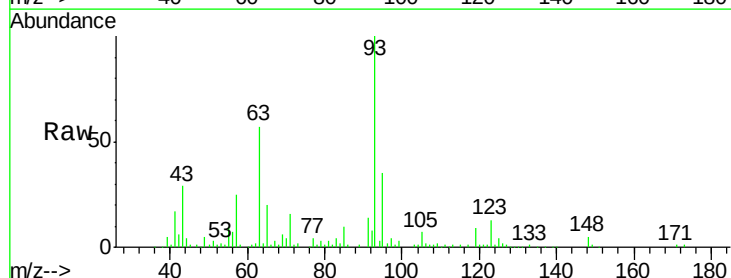
RT: 8.56 min Scan# 672

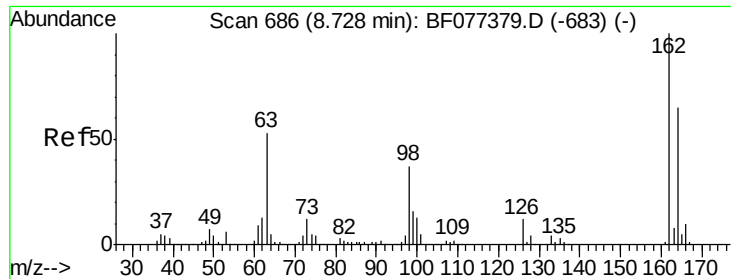
Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	93	Resp:	136648
Ion Ratio	Lower	Upper	
93	100		
95	35.4	26.4	39.6
123	12.8	8.7	13.1





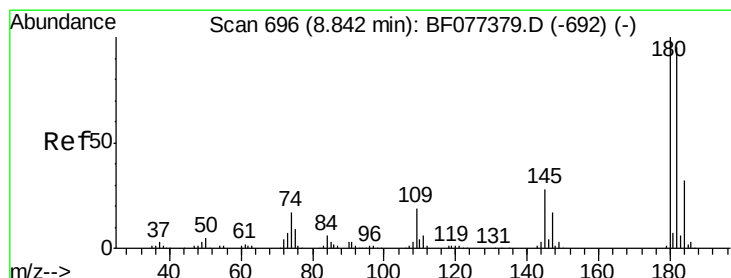
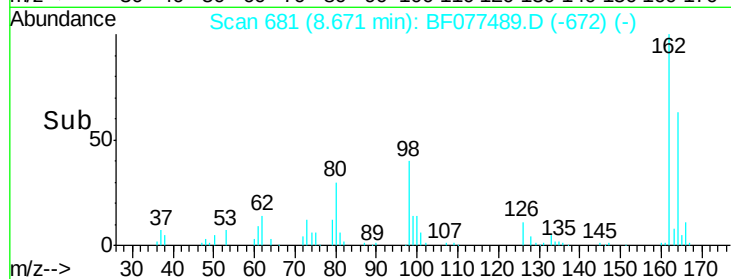
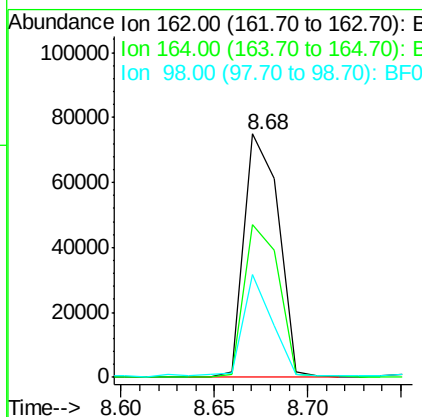
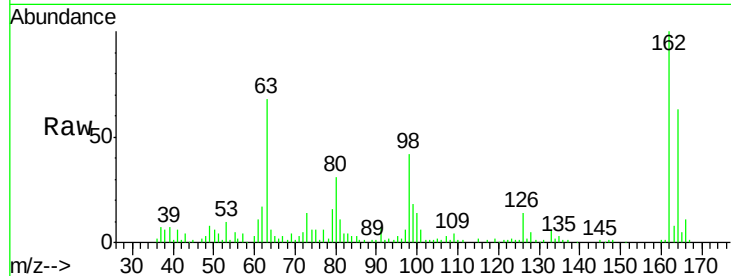
#29
 2,4-Dichlorophenol
 Concen: 23.05 ng
 RT: 8.68 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	46.4	86.4
98	42.1	6.9	46.9

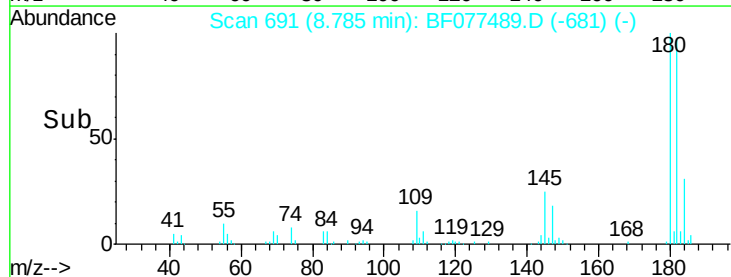
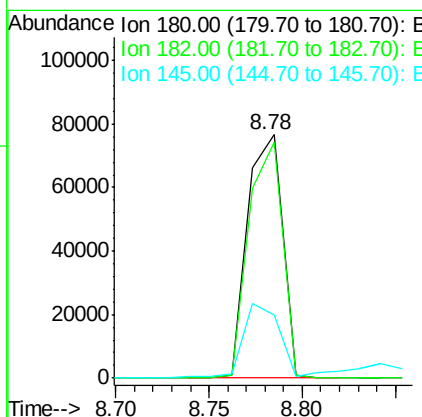
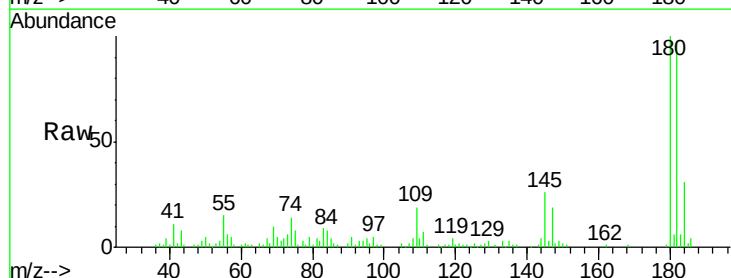
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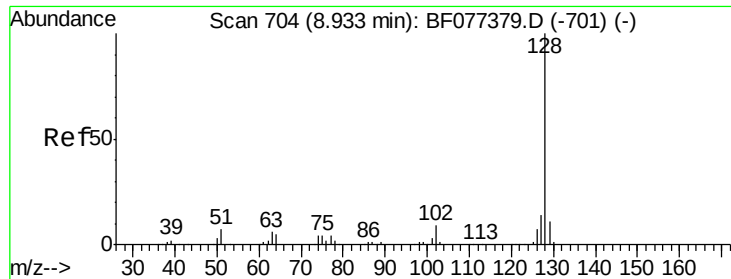
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#30
 1,2,4-Trichlorobenzene
 Concen: 21.73 ng
 RT: 8.78 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.0	76.2	114.4
145	25.9	24.5	36.7





#31

Naphthalene

Concen: 35.99 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

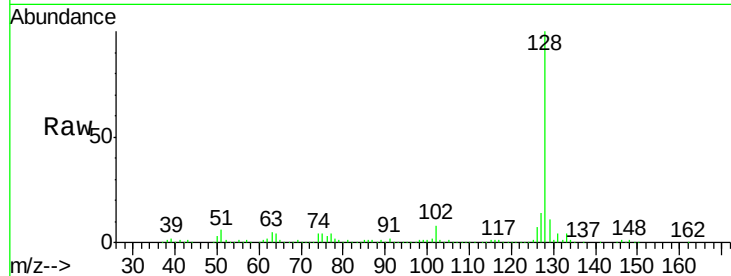
ClientSampleId :

B-11-D910MSD

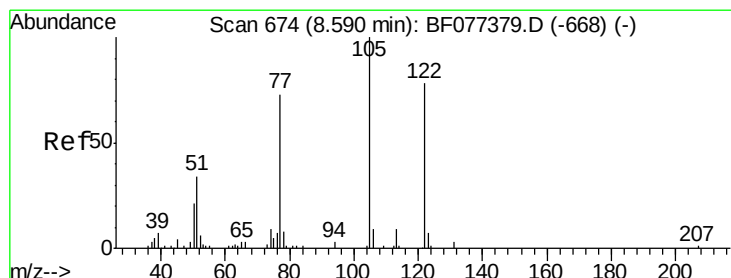
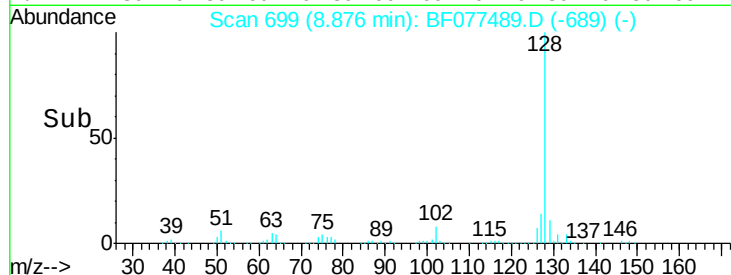
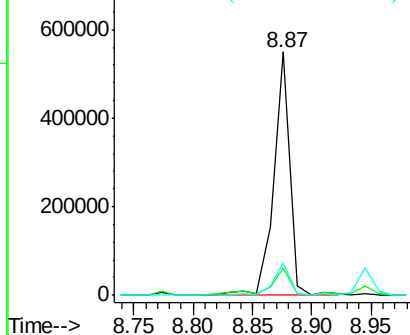
Tgt Ion:	128	Resp:	513777
Ion Ratio		Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	10.6	15.8

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



#32

Benzoic acid

Concen: 13.32 ng

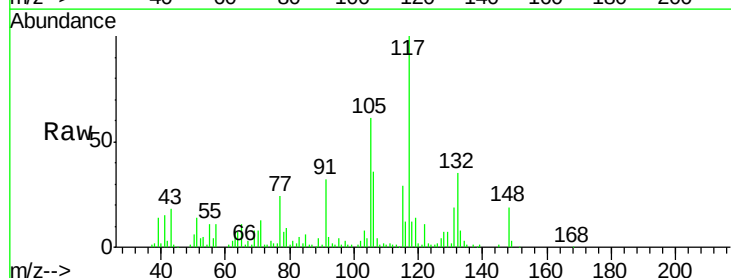
RT: 8.52 min Scan# 668

Delta R.T. -0.00 min

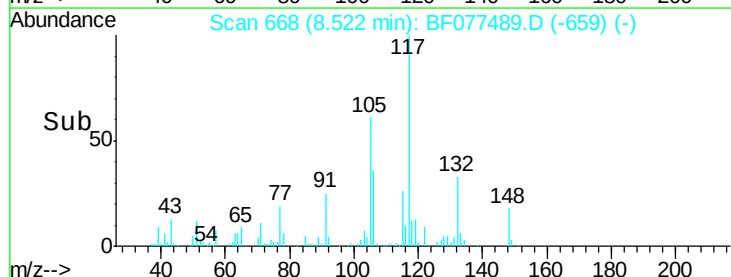
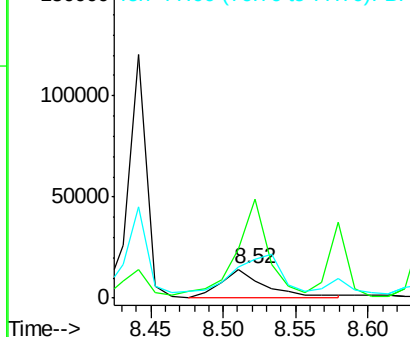
Lab File: BF077489.D

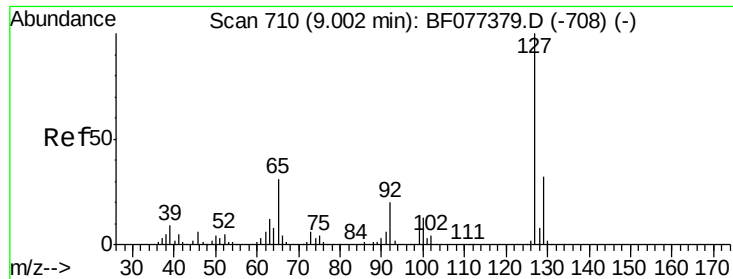
Acq: 27 Feb 2015 4:32

Tgt Ion:	122	Resp:	28665
Ion Ratio		Lower	Upper
122	100		
105	570.5	100.3	140.3#
77	219.5	68.7	108.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





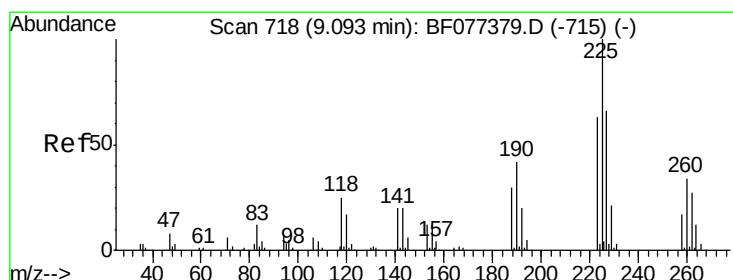
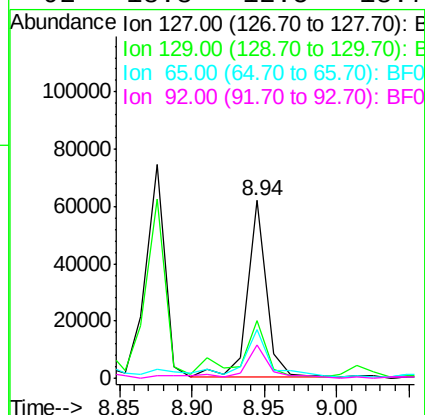
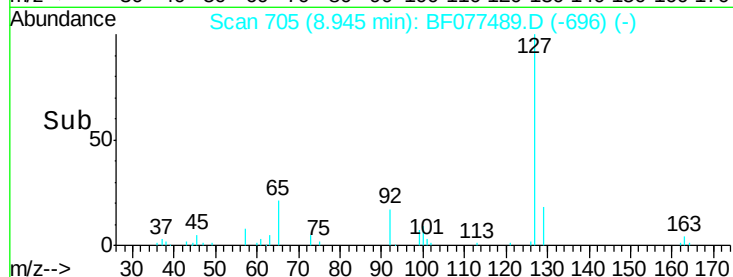
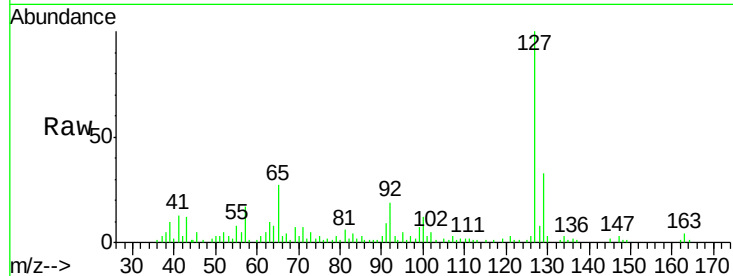
#33
4-Chloroaniline
Concen: 8.77 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.9	40.3
65	27.2	16.7	25.1#
92	18.8	12.5	18.7#

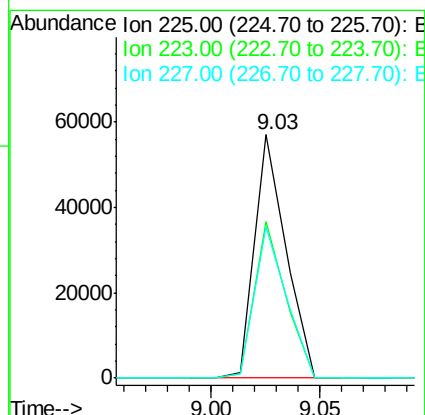
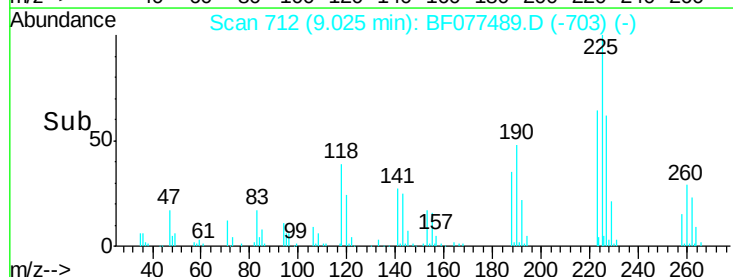
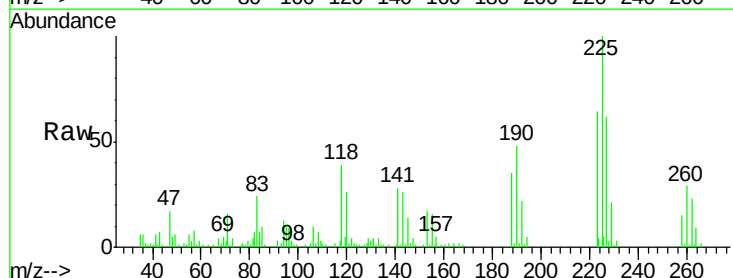
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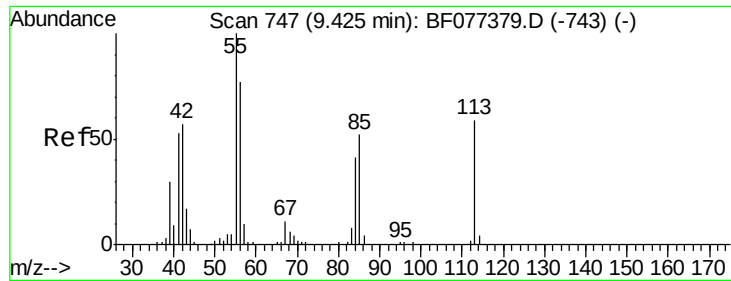
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#34
Hexachlorobutadiene
Concen: 21.89 ng
RT: 9.03 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.3	49.5	74.3
227	62.1	50.5	75.7





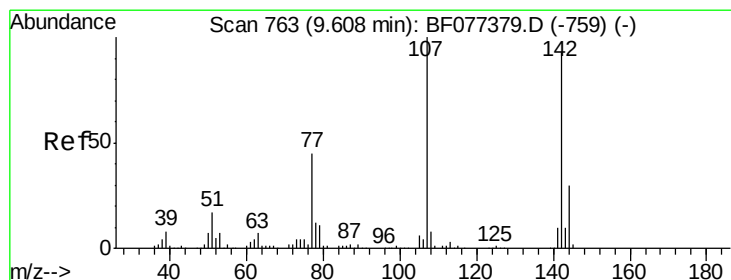
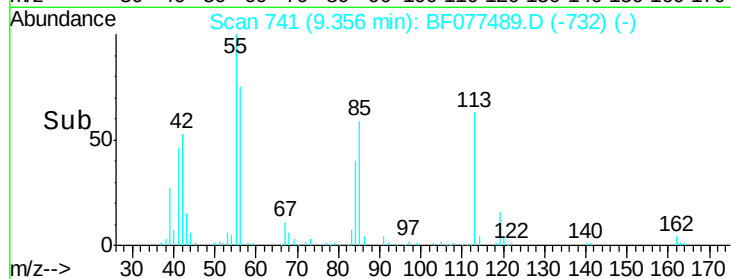
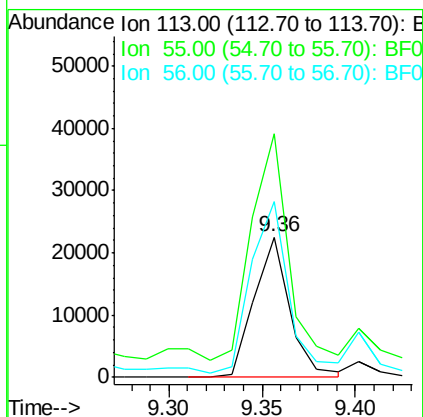
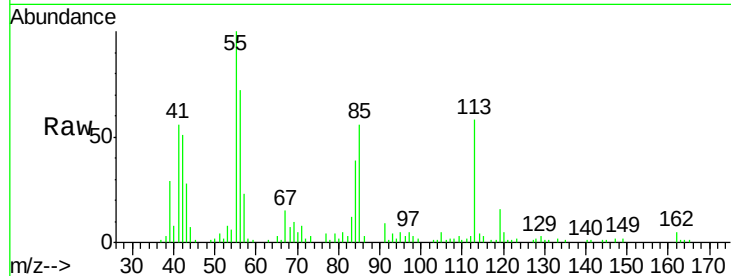
#35
 Caprolactam
 Concen: 23.50 ng
 RT: 9.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion:113 Resp: 29822
 Ion Ratio Lower Upper
 113 100
 55 173.7 154.6 194.6
 56 125.8 114.0 154.0

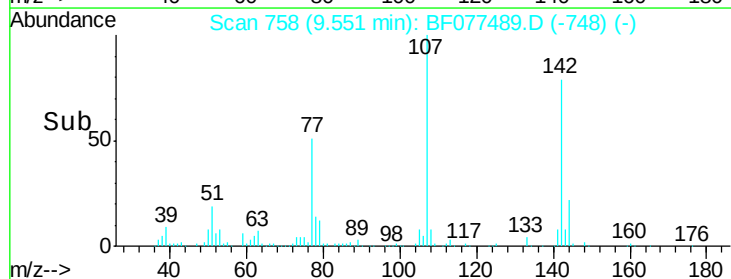
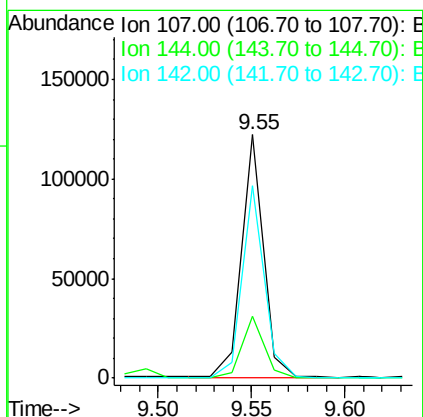
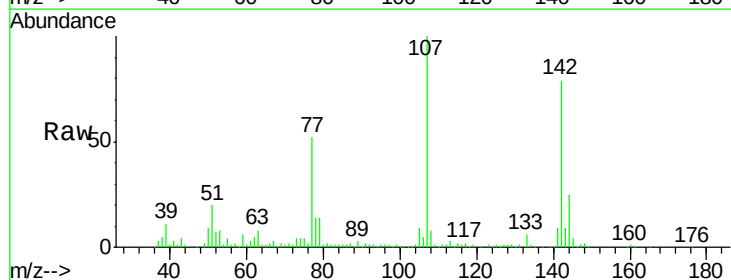
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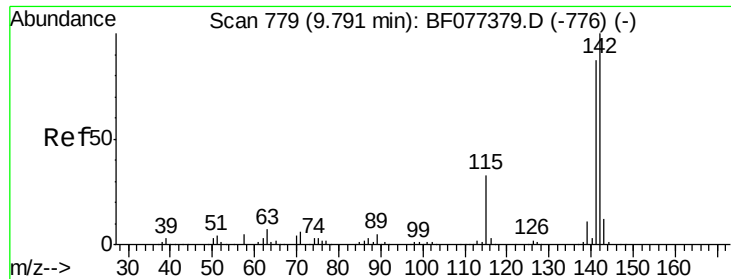
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#36
 4-Chloro-3-methylphenol
 Concen: 23.85 ng
 RT: 9.55 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion:107 Resp: 99682
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.1 31.7
 142 78.8 65.3 97.9





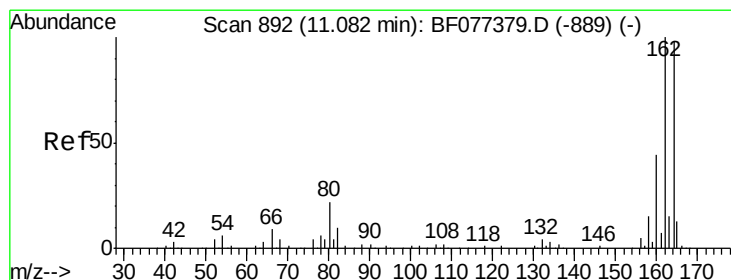
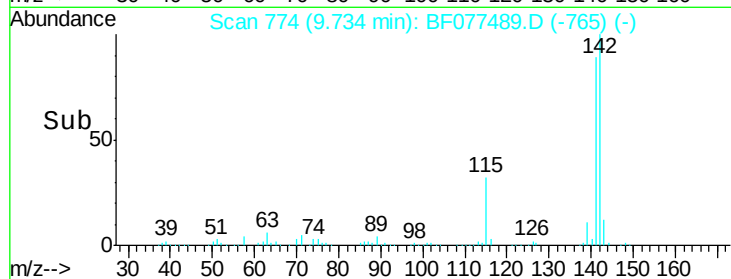
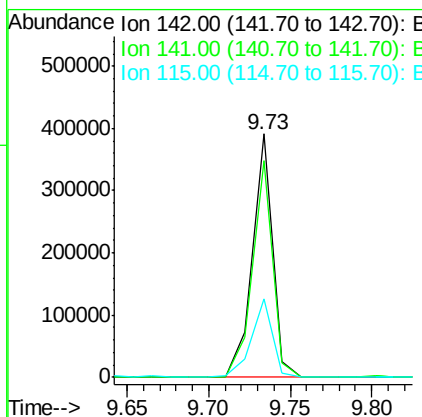
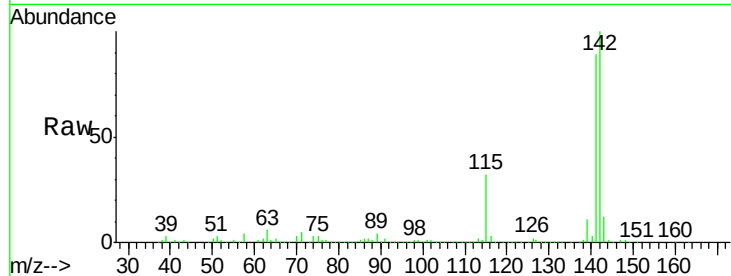
#37
2-Methylnaphthalene
Concen: 33.24 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	32.2	24.2	36.4

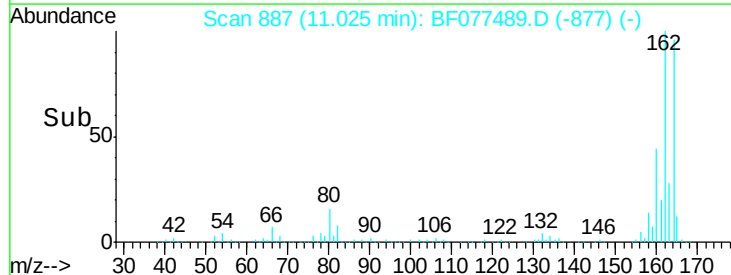
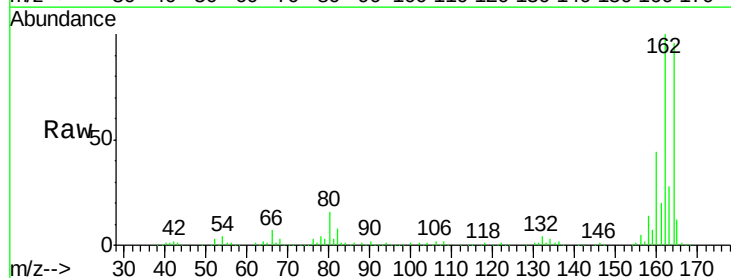
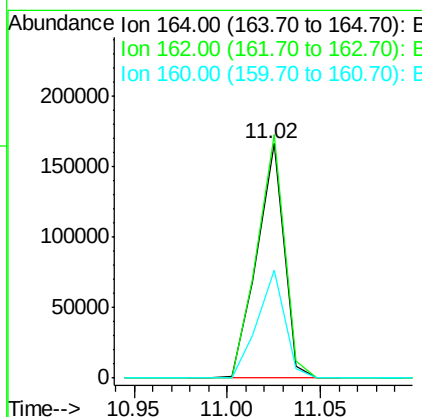
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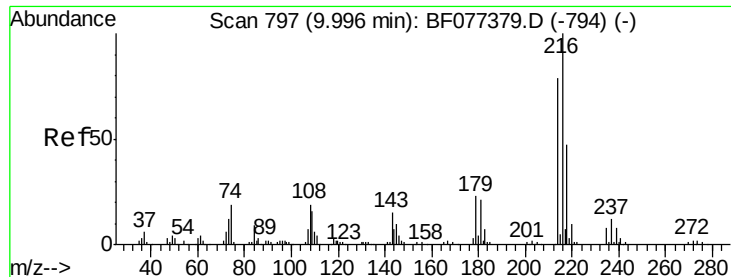
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.2	124.8
160	46.2	34.6	52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.94 ng

RT: 9.94 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

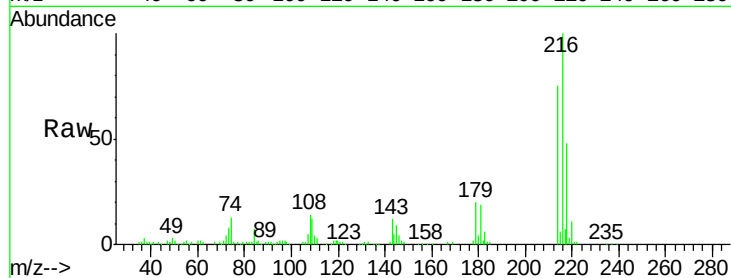
ClientSampleId :

B-11-D910MSD

Tgt Ion:	216	Resp:	105182
Ion Ratio	Lower	Upper	
216	100		
214	76.4	63.4	95.0
179	21.5	16.6	25.0
108	18.3	14.2	21.4

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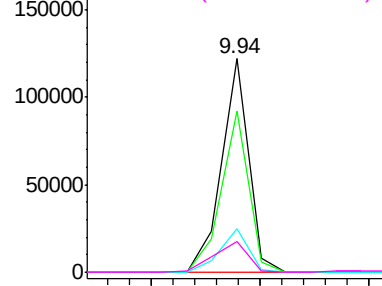


Abundance Ion 216.00 (215.70 to 216.70): E

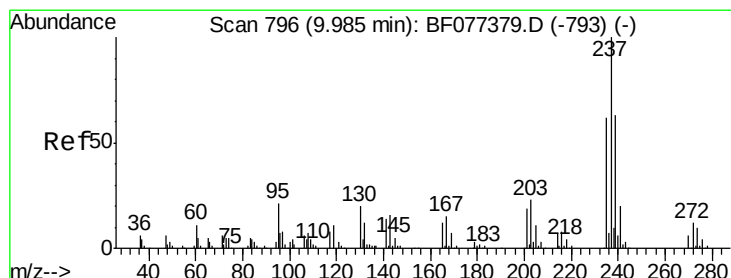
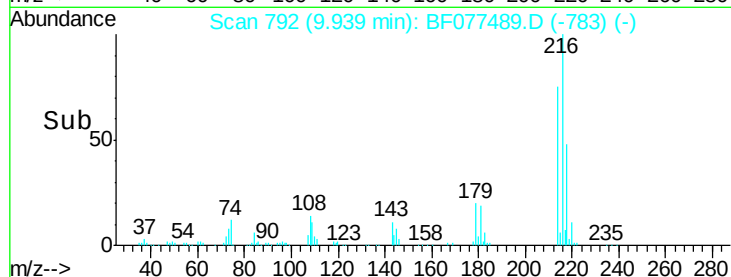
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 11.31 ng

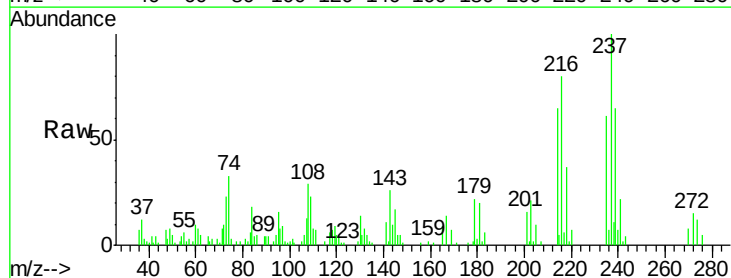
RT: 9.92 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

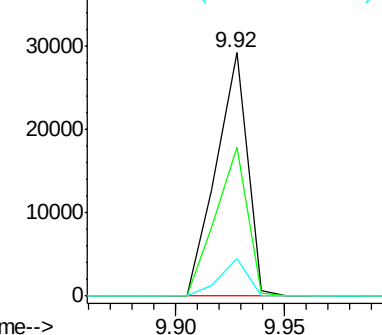
Tgt Ion:	237	Resp:	29072
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.0	81.0
272	15.2	0.0	34.3



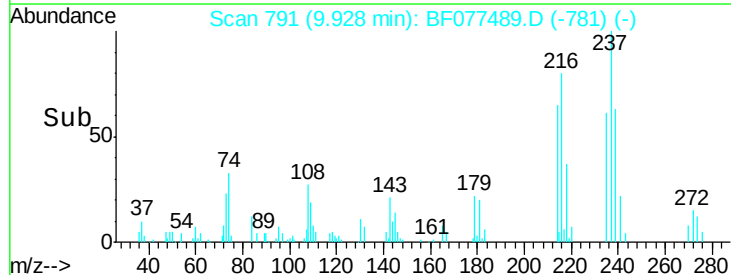
Abundance Ion 236.80 (236.50 to 237.50): E

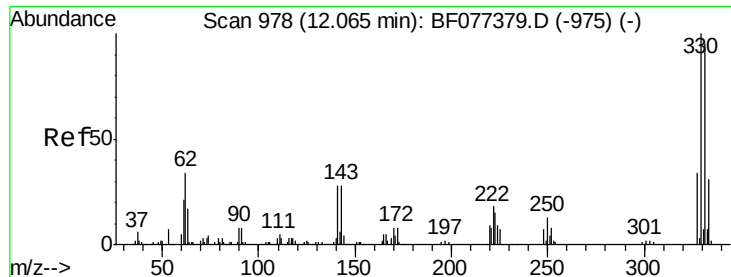
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





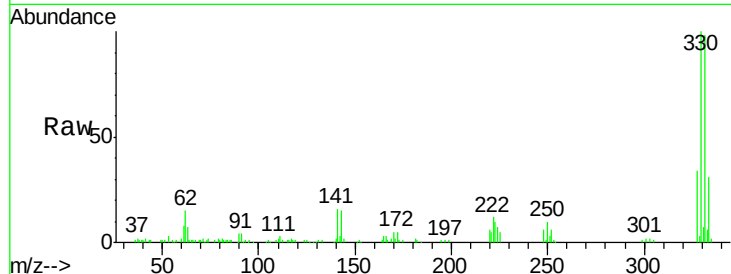
#41
 2,4,6-Tribromophenol
 Concen: 66.38 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

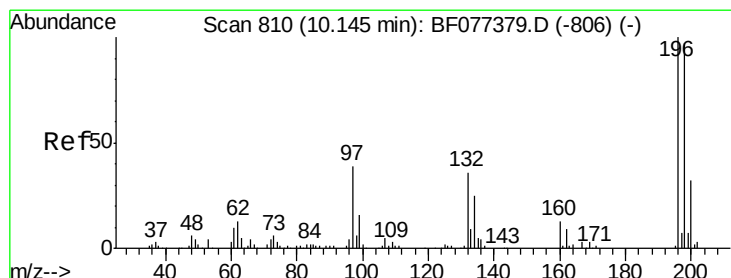
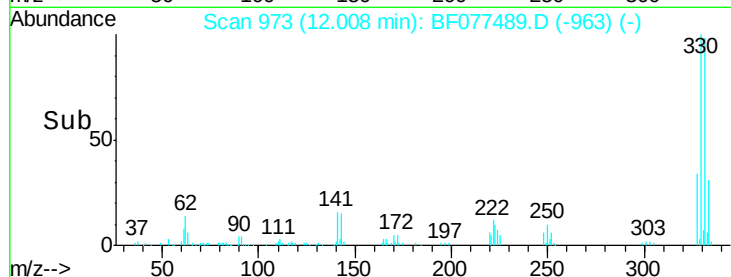
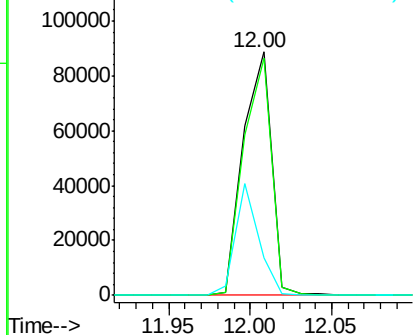
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	106778		
332	96.3	77.4	116.2	
141	37.8	28.8	43.2	

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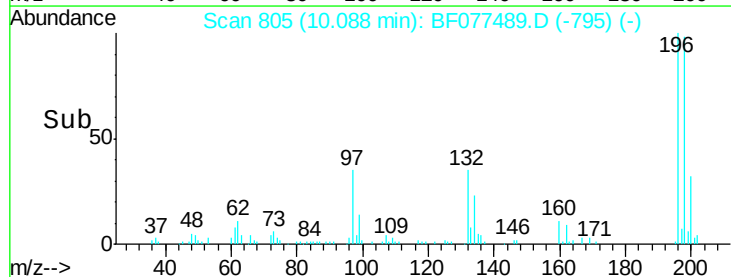
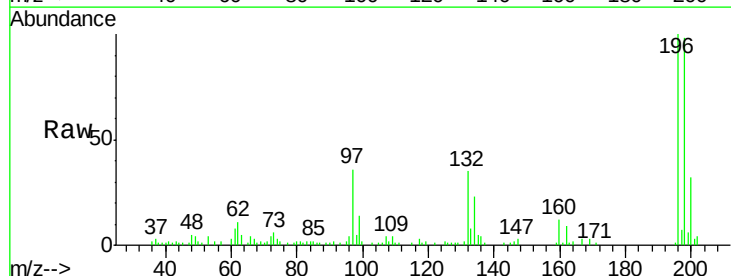
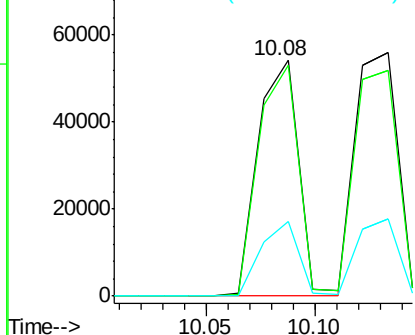
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

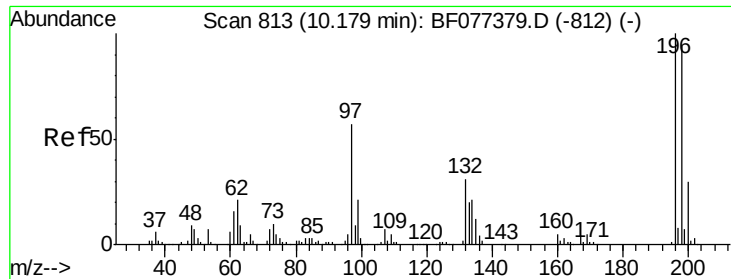


#42
 2,4,6-Trichlorophenol
 Concen: 22.30 ng
 RT: 10.08 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70775		
198	98.1	75.8	113.8	
200	31.5	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





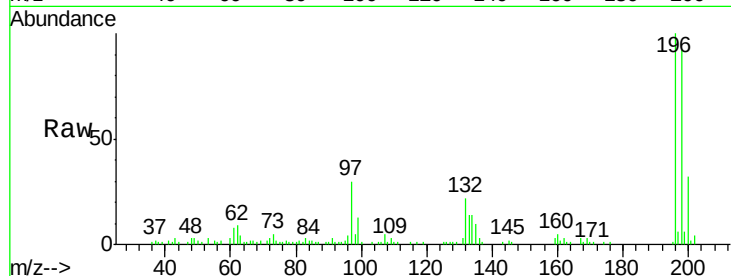
#43
 2,4,5-Trichlorophenol
 Concen: 22.44 ng
 RT: 10.13 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

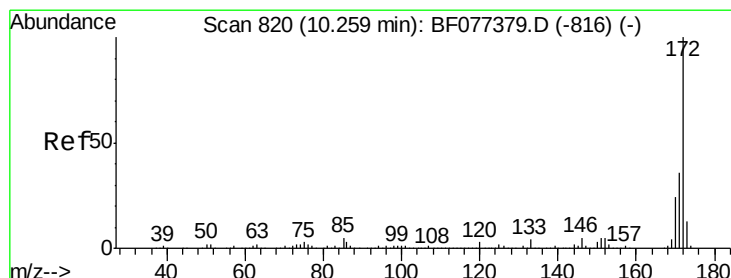
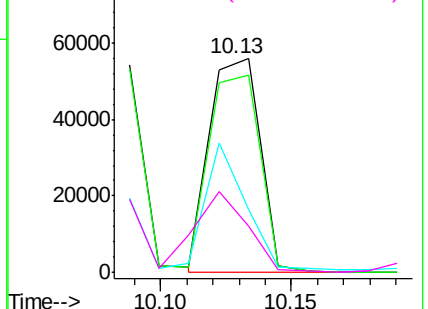
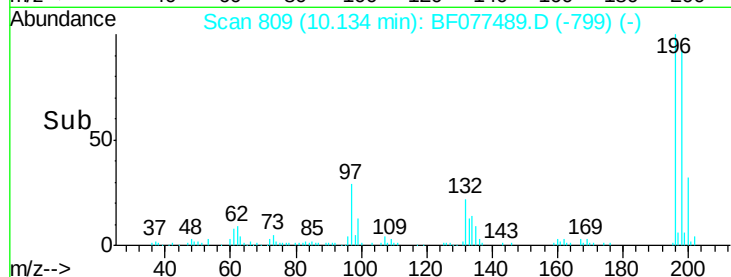
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76183		
198	92.5	77.2	115.8	
97	29.6	27.7	41.5	
132	21.8	18.0	27.0	

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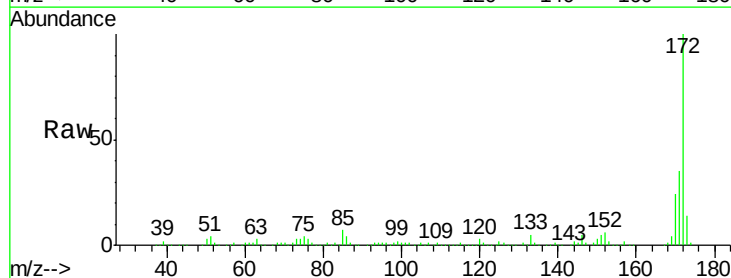


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

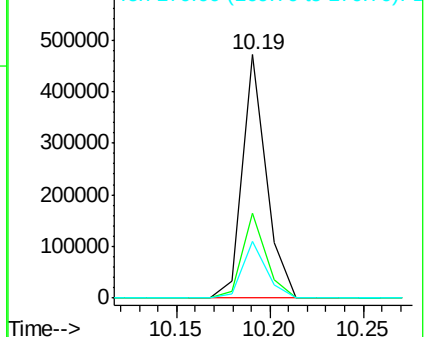
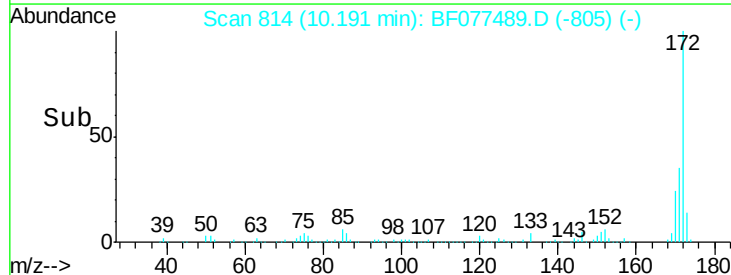


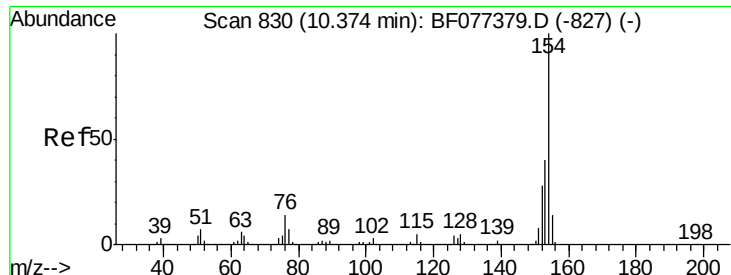
#44
 2-Fluorobiphenyl
 Concen: 39.26 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	420628		
171	35.1	28.9	43.3	
170	23.5	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





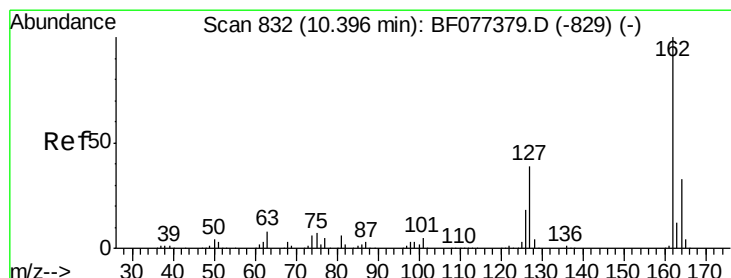
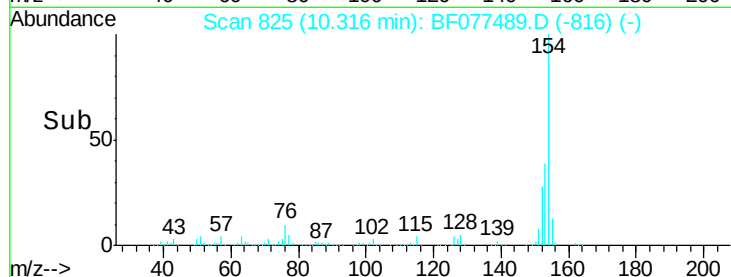
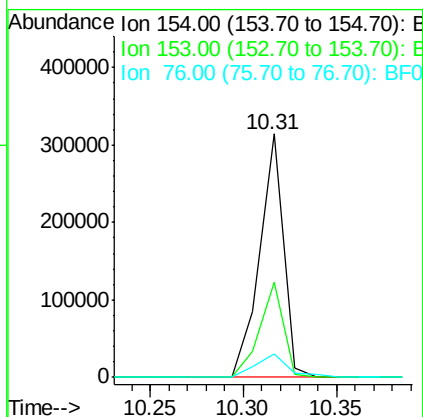
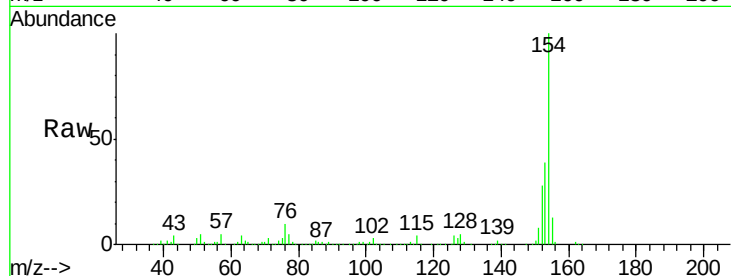
#45
1,1'-Biphenyl
Concen: 22.26 ng
RT: 10.31 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.1	20.2	60.2
76	9.6	0.0	29.4

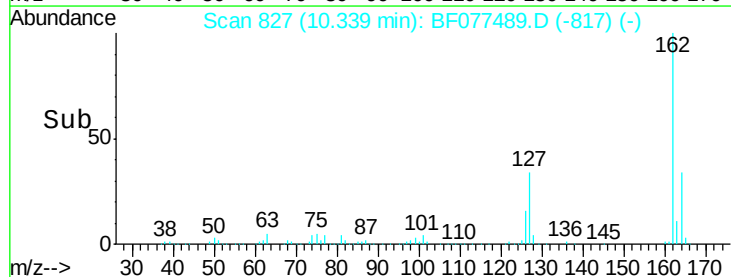
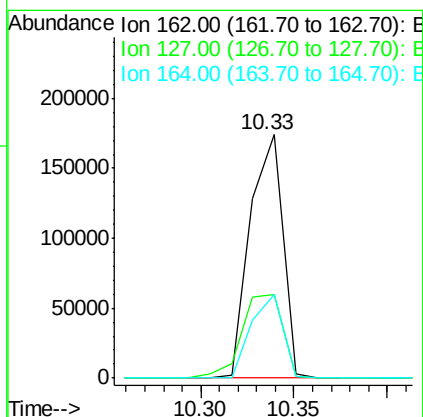
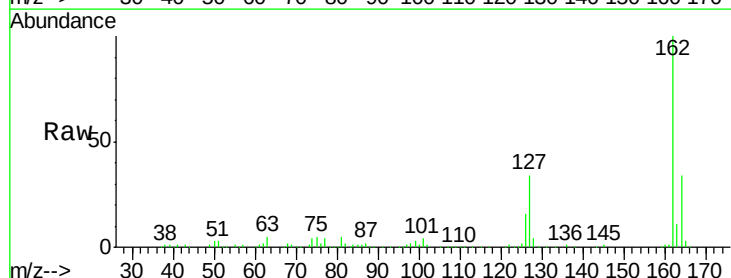
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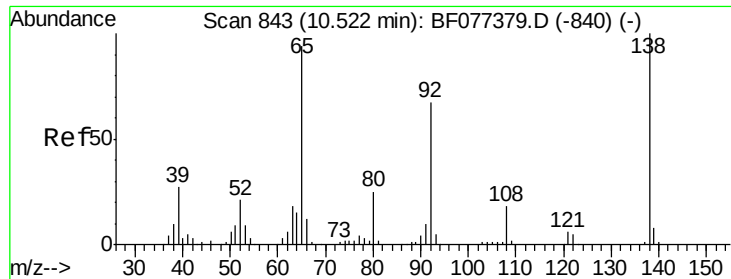
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#46
2-Chloronaphthalene
Concen: 21.29 ng
RT: 10.33 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	34.4	33.3	49.9
164	34.2	26.2	39.4





#47

2-Nitroaniline

Concen: 26.33 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

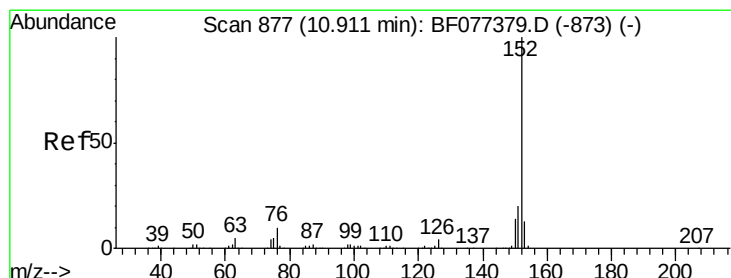
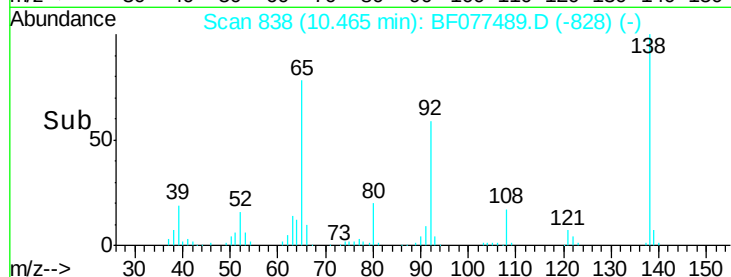
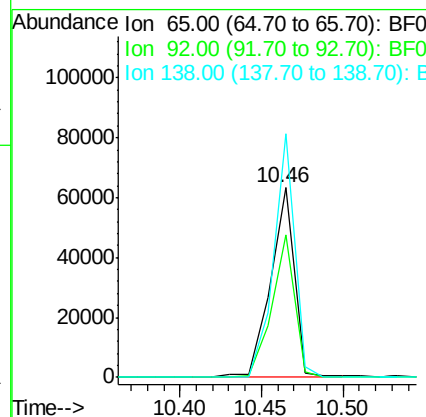
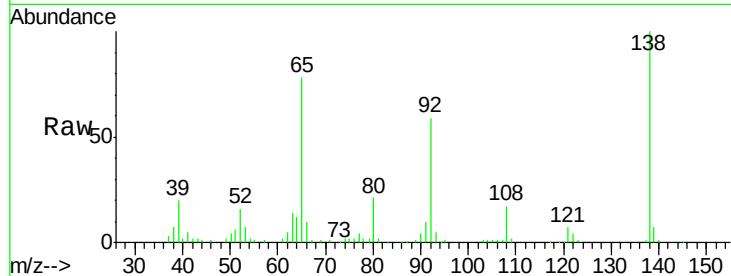
ClientSampleId :

B-11-D910MSD

Tgt Ion:	65	Resp:	64341
Ion Ratio	Lower	Upper	
65	100		
92	75.4	52.4	78.6
138	128.6	73.4	110.0#

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#48

Acenaphthylene

Concen: 21.84 ng

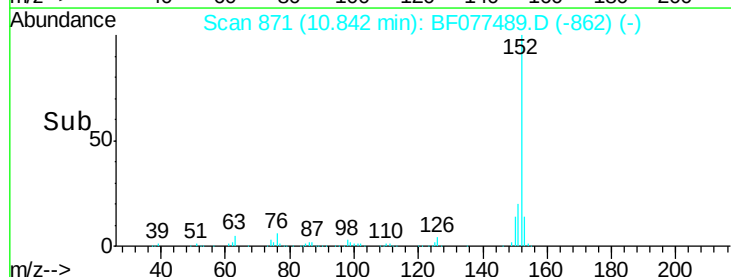
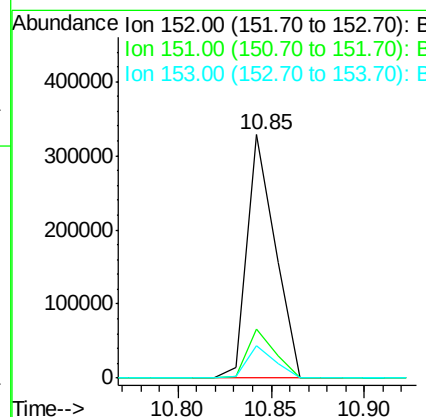
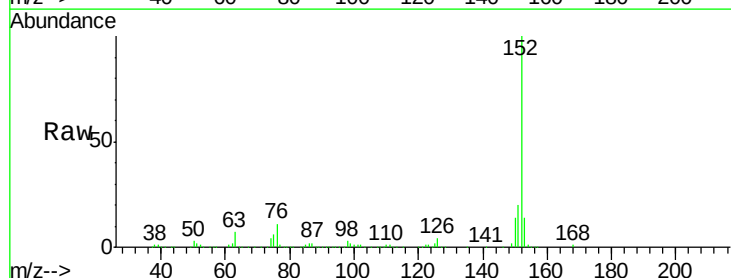
RT: 10.85 min Scan# 871

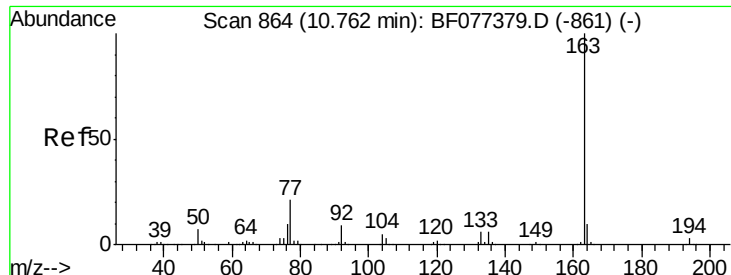
Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	152	Resp:	343143
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.5	10.9	16.3





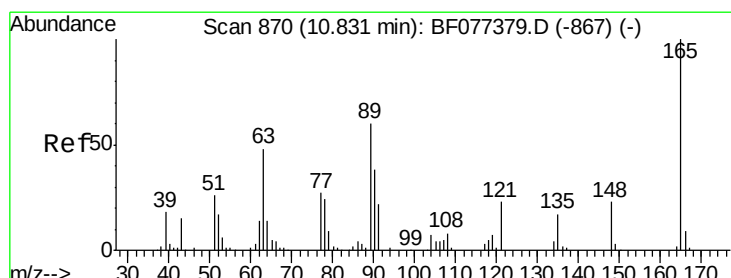
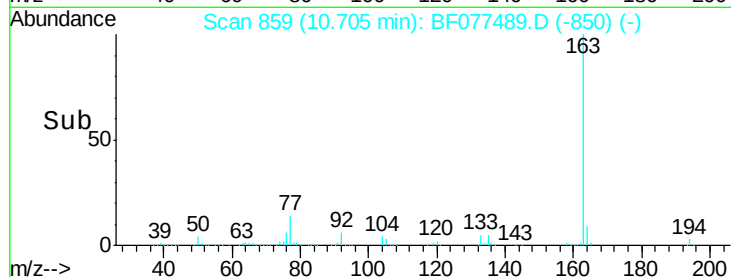
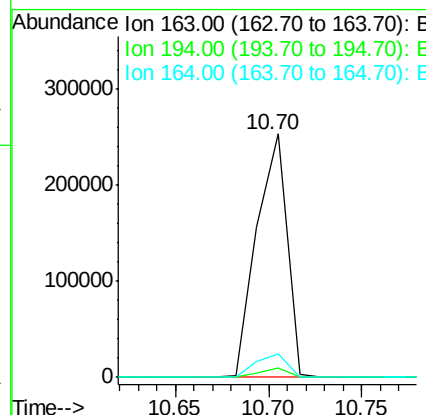
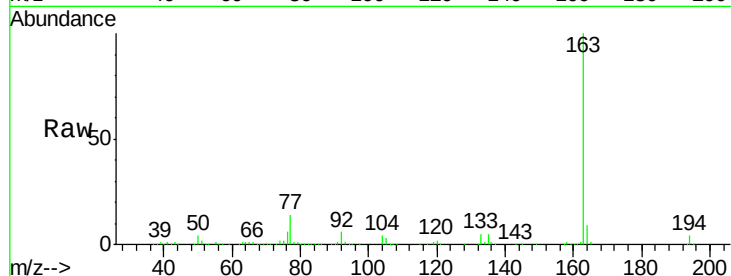
#49
Dimethylphthalate
Concen: 24.30 ng
RT: 10.70 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.6	4.0
164	9.4	8.6	13.0

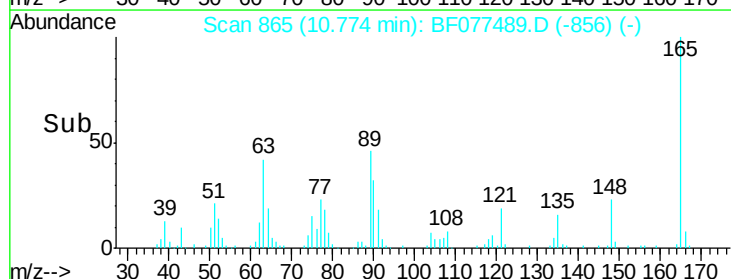
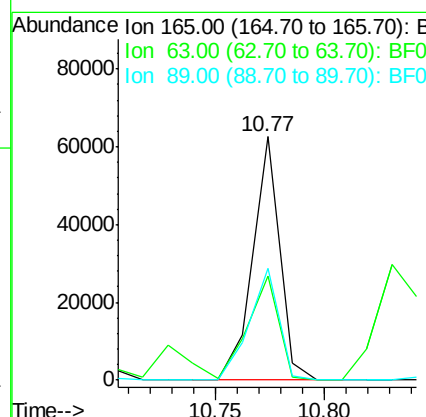
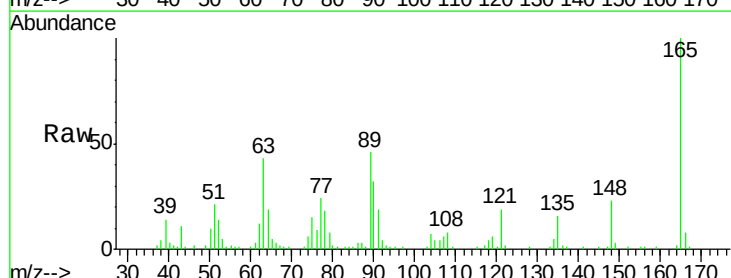
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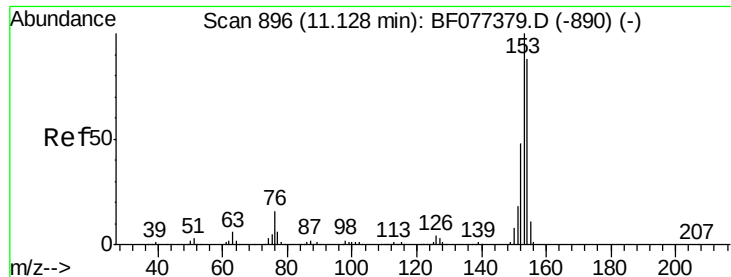
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#50
2,6-Dinitrotoluene
Concen: 22.82 ng
RT: 10.77 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.8	25.2	37.8#
89	45.9	30.5	45.7#





#51

Acenaphthene

Concen: 21.82 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

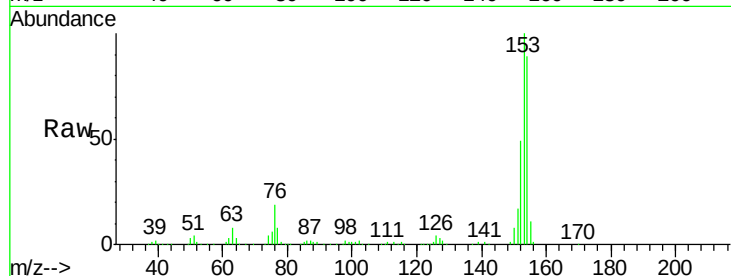
ClientSampleId :

B-11-D910MSD

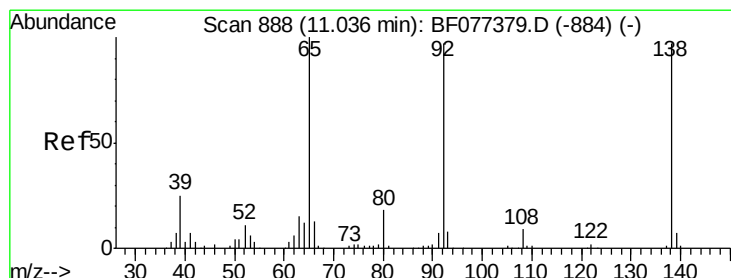
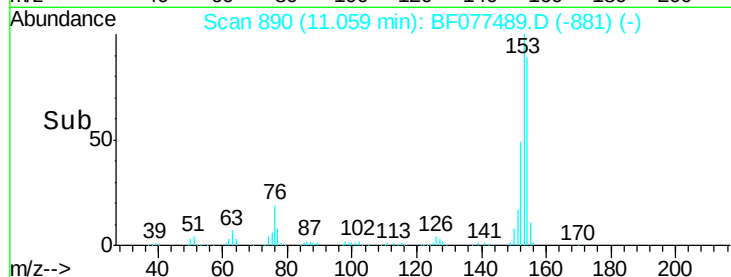
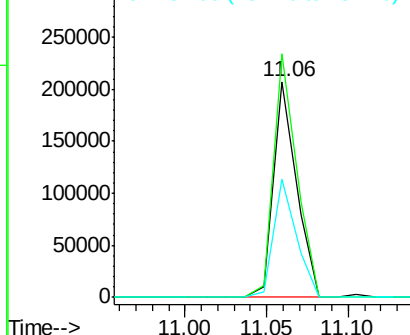
Tgt Ion:	154	Resp:	204604
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.5	135.7
152	54.9	43.5	65.3

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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: 17.89 ng

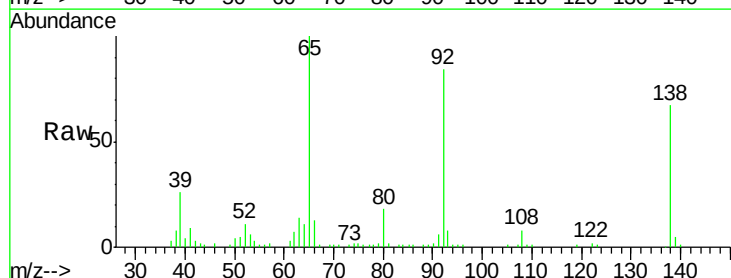
RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

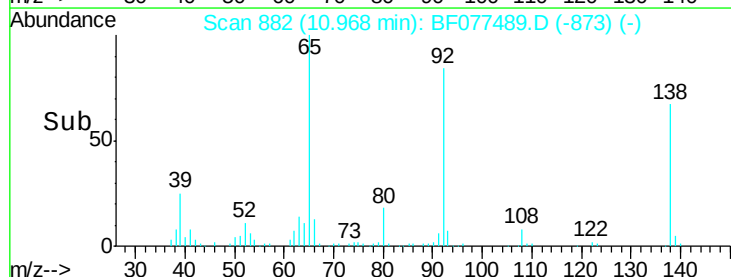
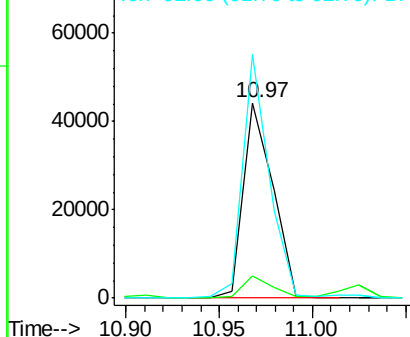
Lab File: BF077489.D

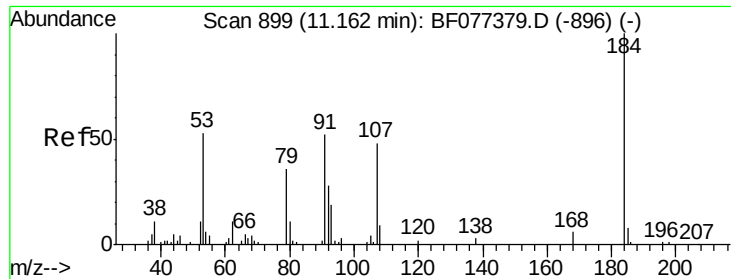
Acq: 27 Feb 2015 4:32

Tgt Ion:	138	Resp:	48577
Ion Ratio	Lower	Upper	
138	100		
108	11.7	7.8	11.8
92	124.7	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





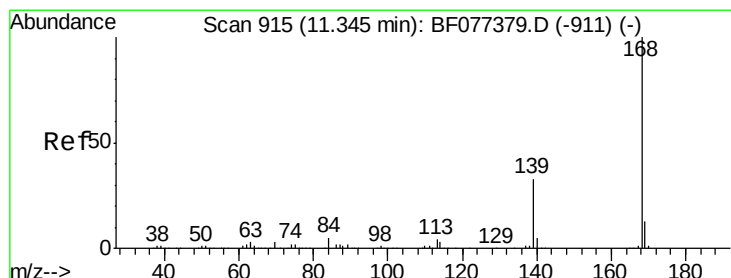
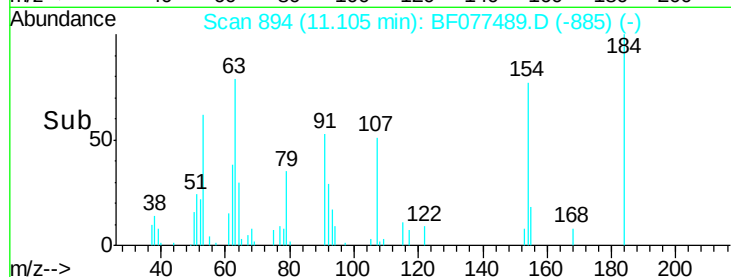
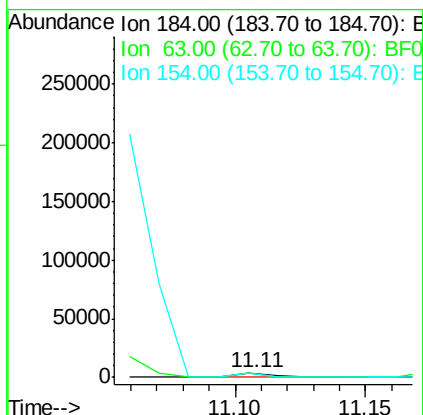
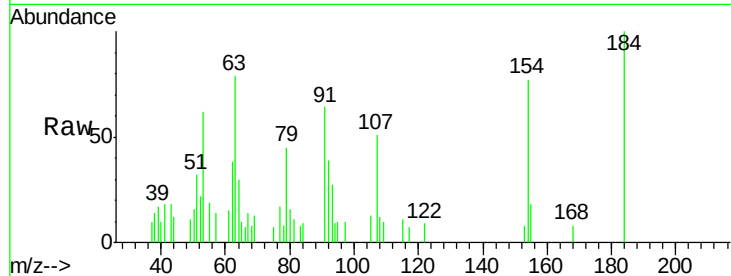
#53
2,4-Dinitrophenol
Concen: 4.91 ng
RT: 11.11 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	3515		
63	78.5	29.5	44.3#	
154	77.2	43.2	64.8#	

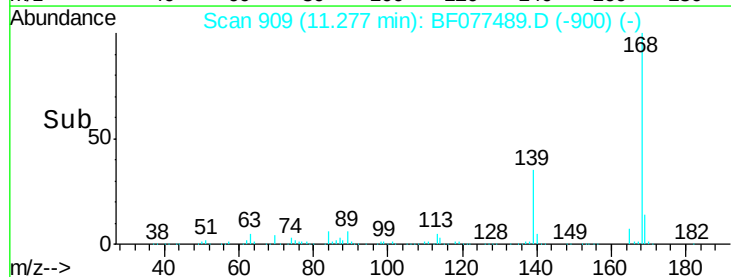
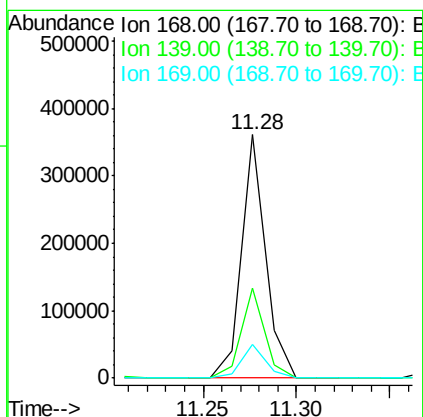
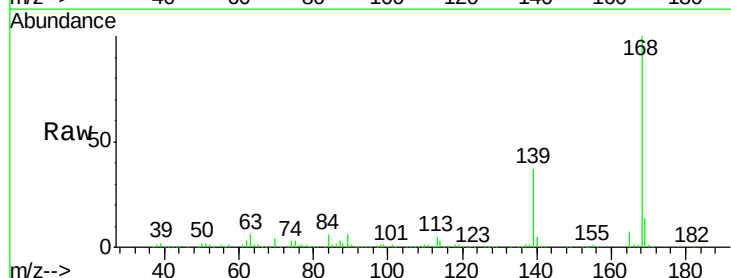
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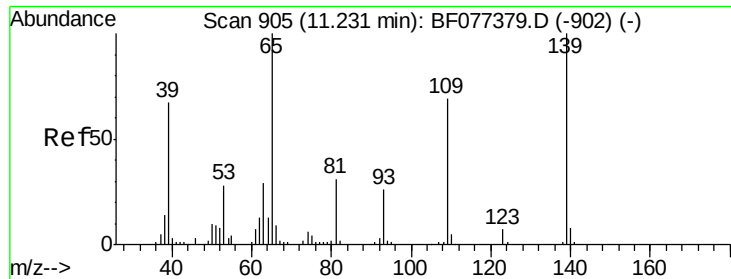
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#54
Dibenzofuran
Concen: 22.41 ng
RT: 11.28 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	324370		
139	37.0	29.3	43.9	
169	13.7	10.9	16.3	





#55

4-Nitrophenol

Concen: 43.58 ng

RT: 11.19 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

ClientSampleId :

B-11-D910MSD

Tgt Ion:139 Resp: 95162

Ion Ratio Lower Upper

139 100

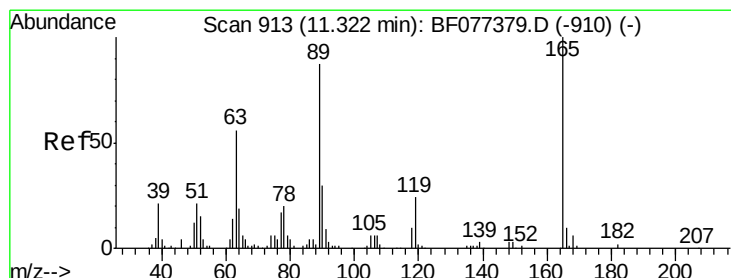
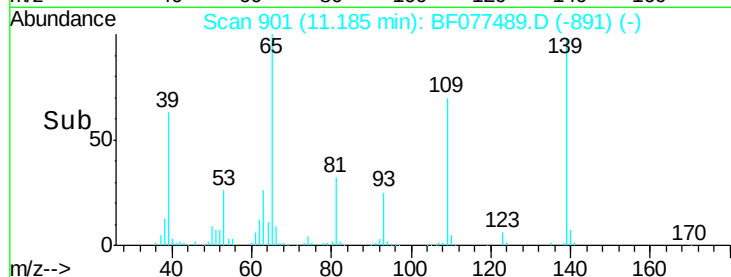
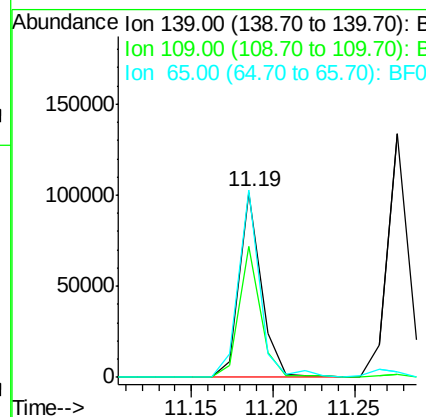
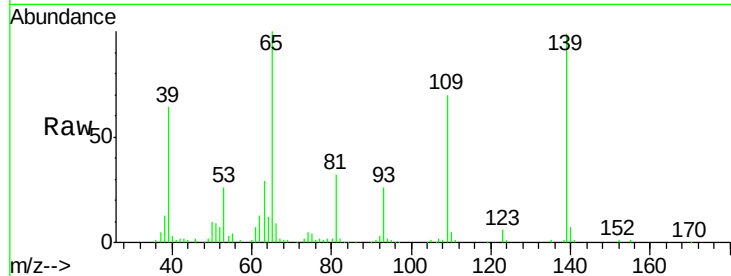
109 70.6 36.2 76.2

65 101.4 40.3 80.3#

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#56

2,4-Dinitrotoluene

Concen: 22.14 ng

RT: 11.27 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:165 Resp: 70442

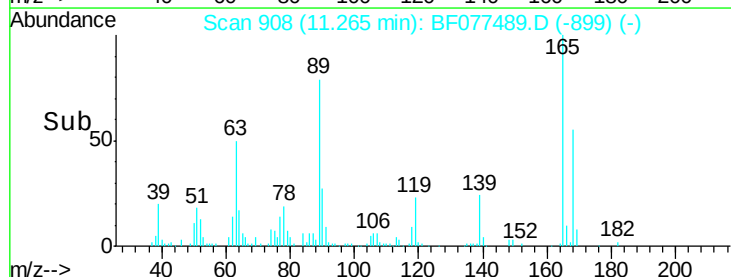
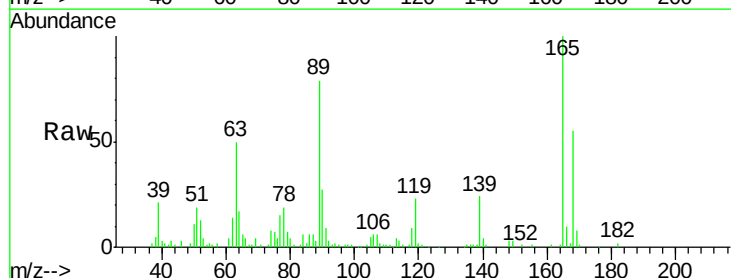
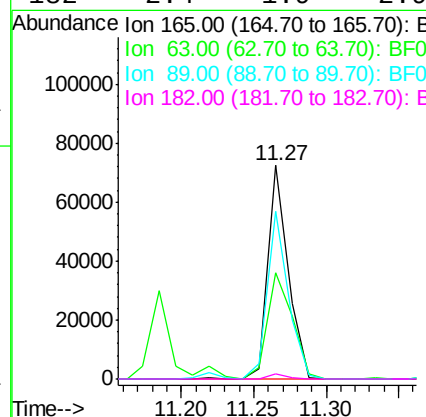
Ion Ratio Lower Upper

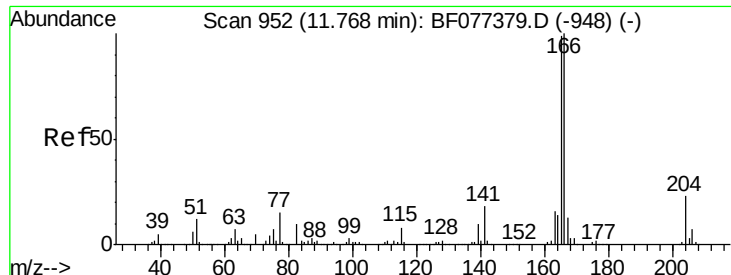
165 100

63 49.7 29.8 44.8#

89 78.8 48.5 72.7#

182 2.4 1.9 2.9





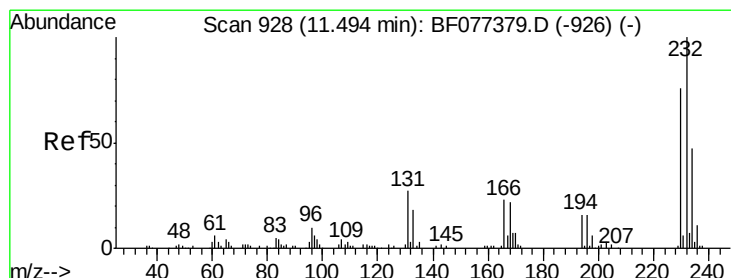
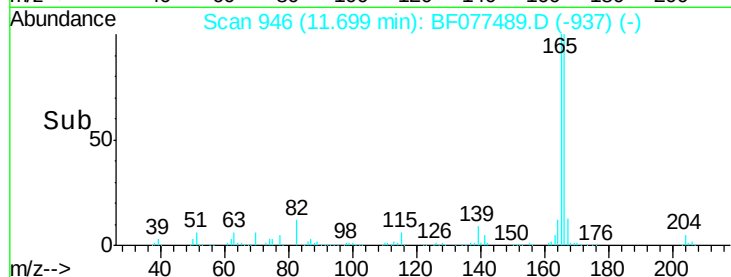
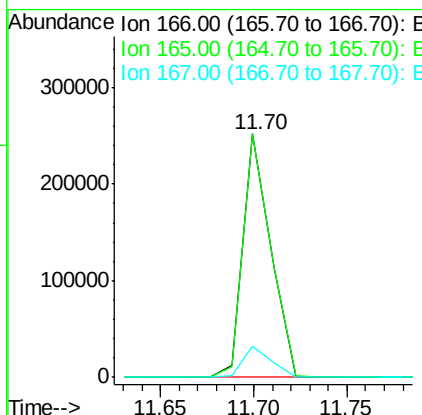
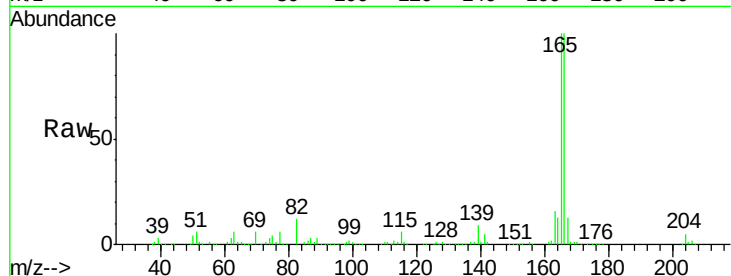
#57
 Fluorene
 Concen: 22.38 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	259090		
165	99.9	77.6	116.4	
167	12.9	10.6	16.0	

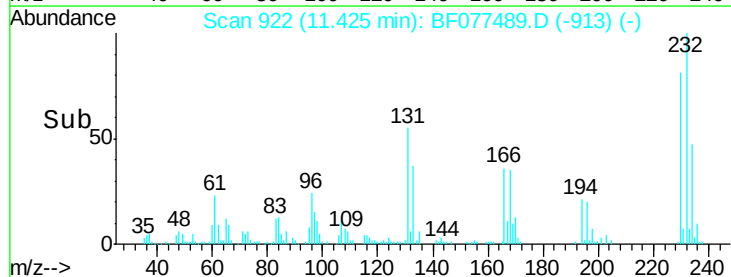
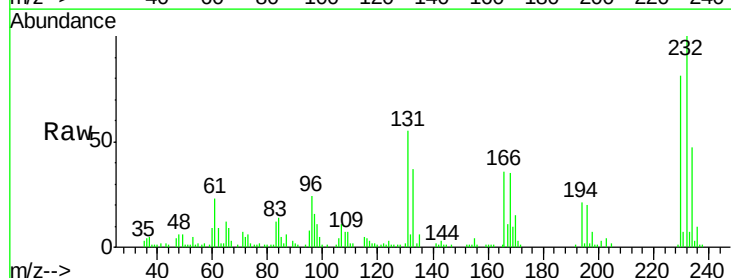
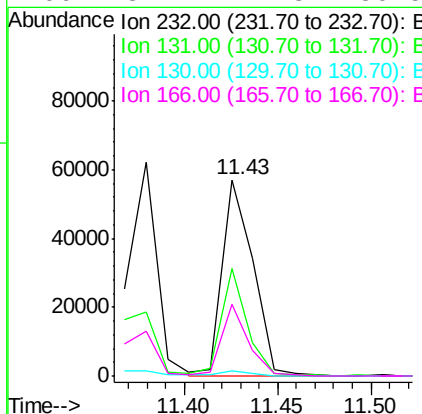
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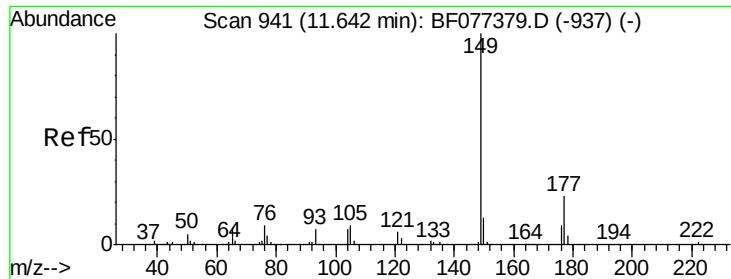
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 24.17 ng
 RT: 11.43 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	65946		
131	46.5	34.2	51.2	
130	2.1	1.8	2.6	
166	31.7	24.3	36.5	





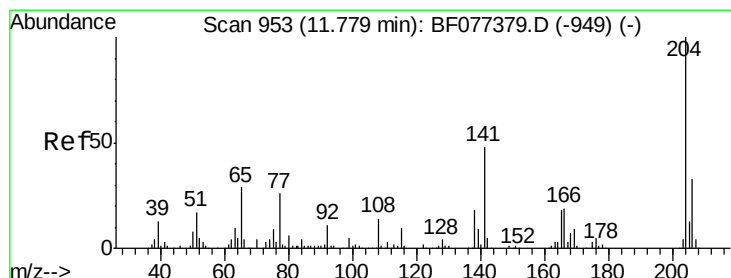
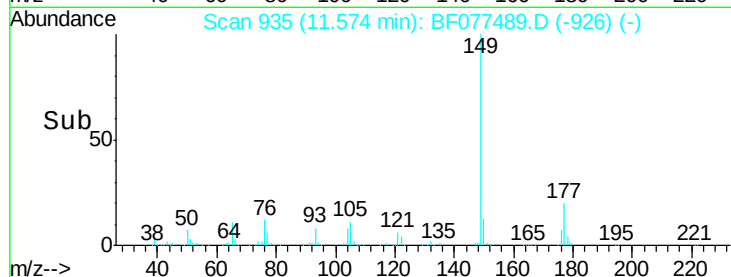
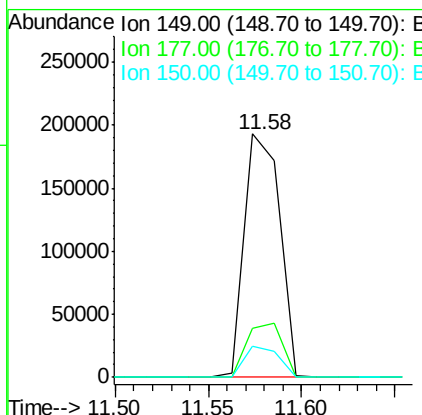
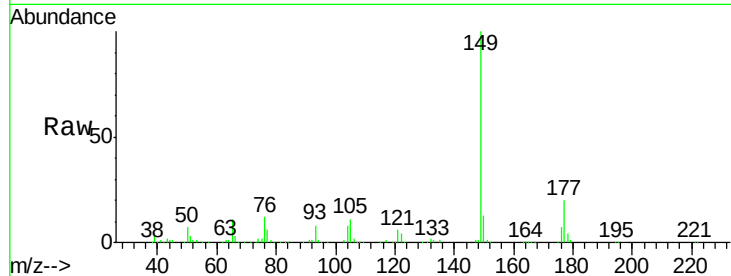
#59
Diethylphthalate
Concen: 21.95 ng
RT: 11.58 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.1	17.2	25.8
150	12.7	10.5	15.7

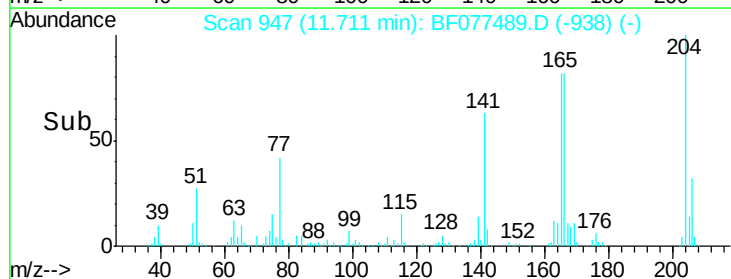
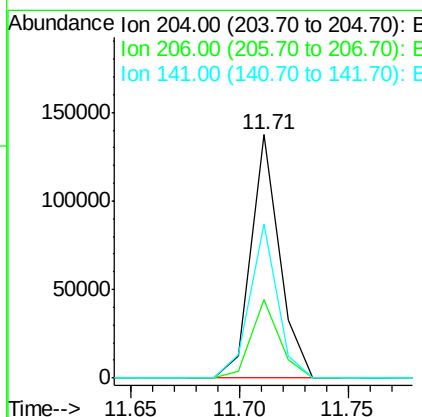
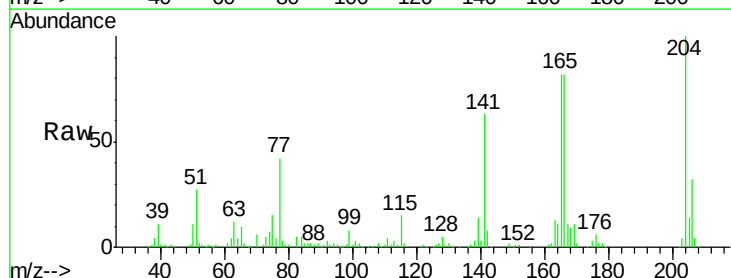
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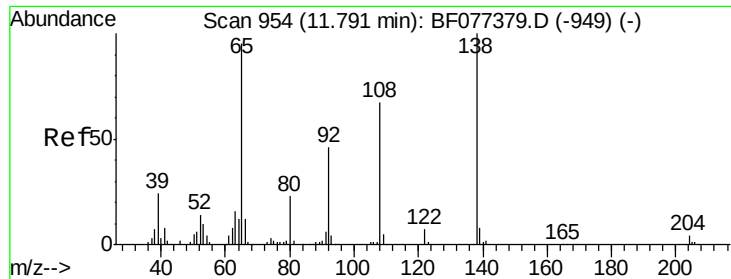
apatel
2/27/2015 4:21:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 22.39 ng
RT: 11.71 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

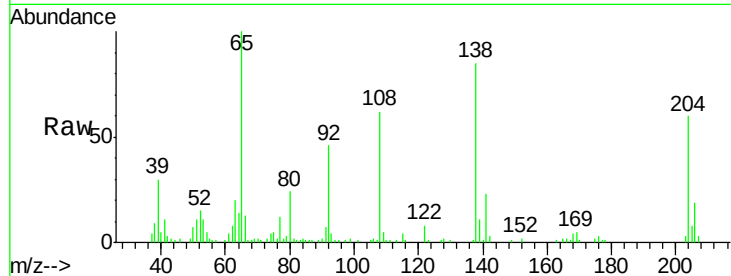
Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.2	25.9	38.9
141	63.1	43.6	65.4





#61
4-Nitroaniline
Concen: 19.65 ng
RT: 11.72 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

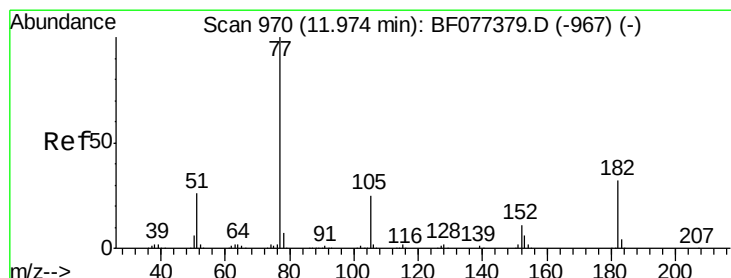
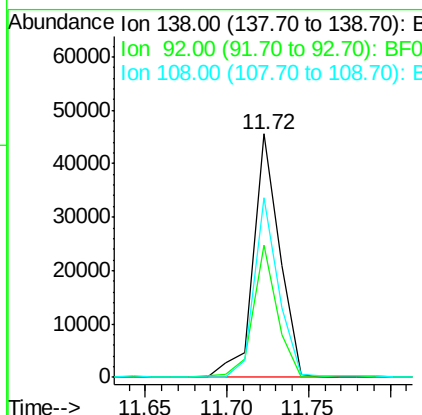
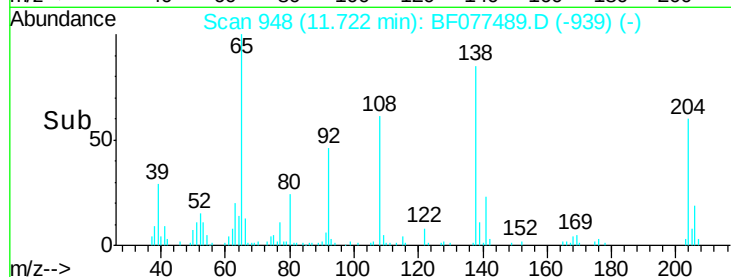
Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	51138		
92	54.2	32.8	72.8	
108	73.6	52.1	92.1	

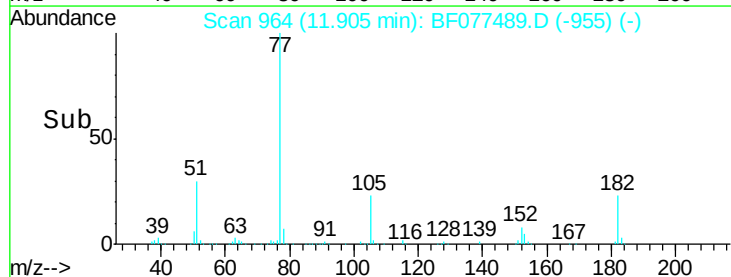
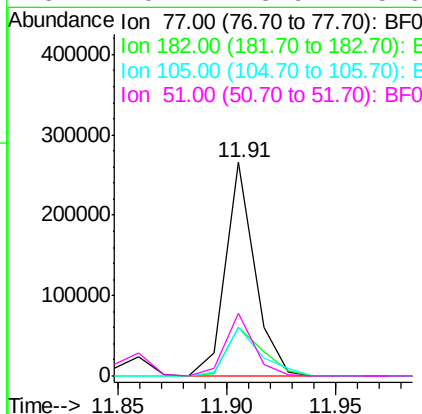
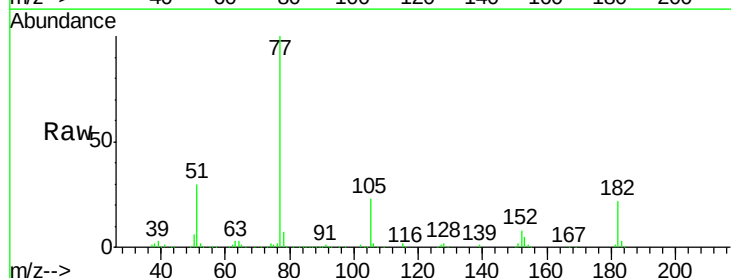
Manual Integrations
APPROVED

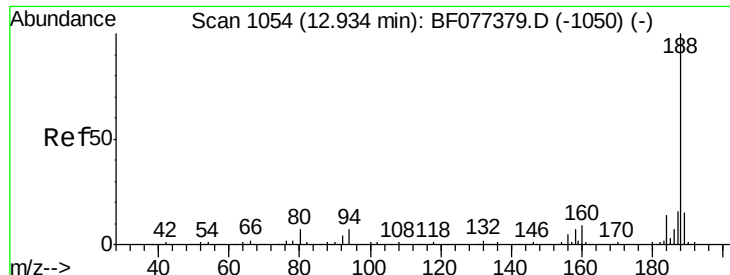
apatel
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#62
Azobenzene
Concen: 22.42 ng
RT: 11.91 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	246220		
182	22.5	4.9	44.9	
105	22.5	3.3	43.3	
51	29.7	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.87 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

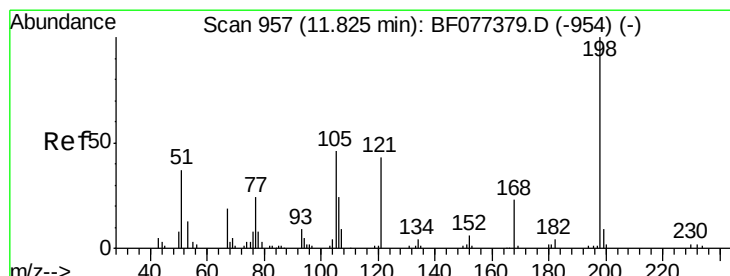
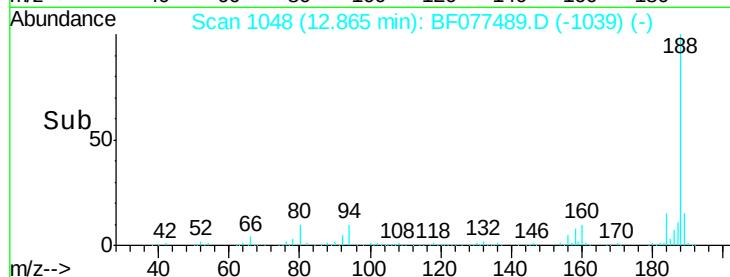
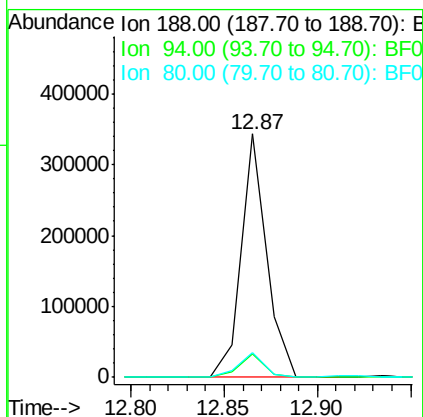
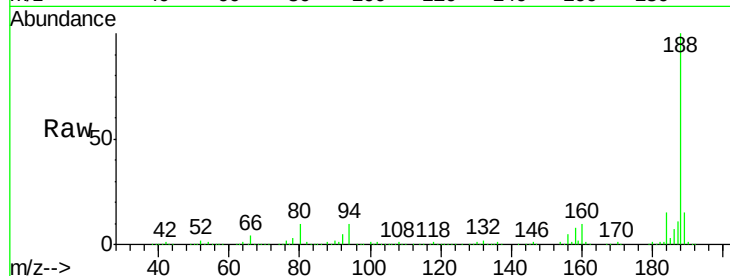
ClientSampleId :

B-11-D910MSD

Tgt Ion:	188	Resp:	326483
Ion Ratio	Lower	Upper	
188	100		
94	9.9	7.4	11.2
80	10.4	8.0	12.0

Manual Integrations
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apatel
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#64

4,6-Dinitro-2-methylphenol

Concen: 7.43 ng

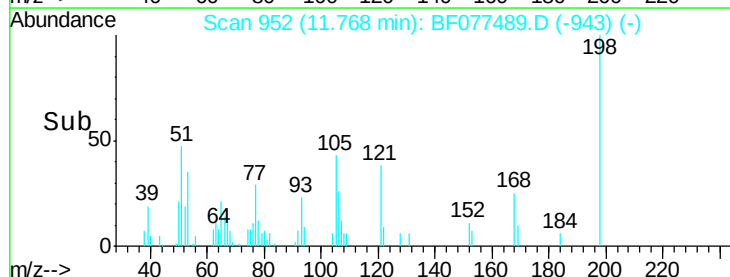
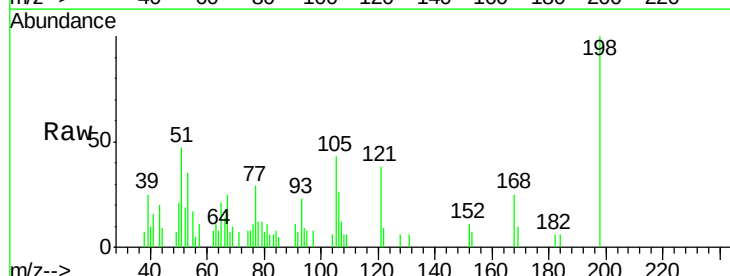
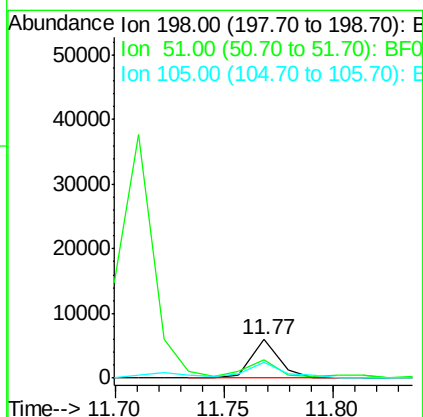
RT: 11.77 min Scan# 952

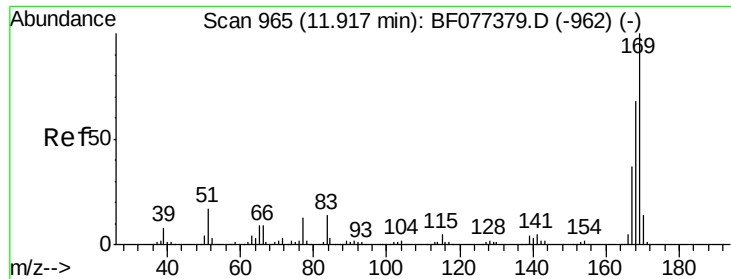
Delta R.T. 0.00 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	198	Resp:	5255
Ion Ratio	Lower	Upper	
198	100		
51	47.1	2.7	42.7#
105	42.8	10.0	50.0





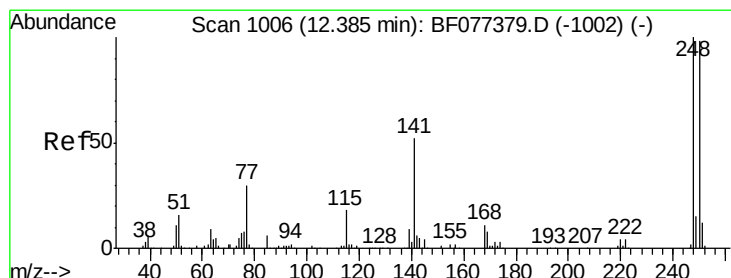
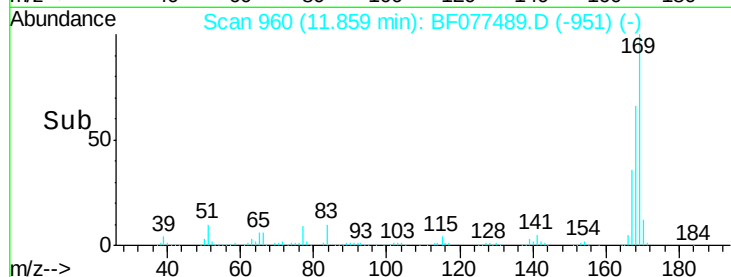
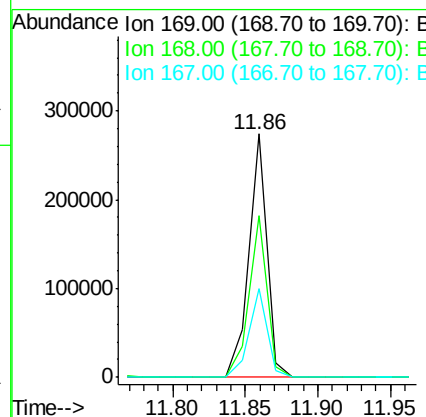
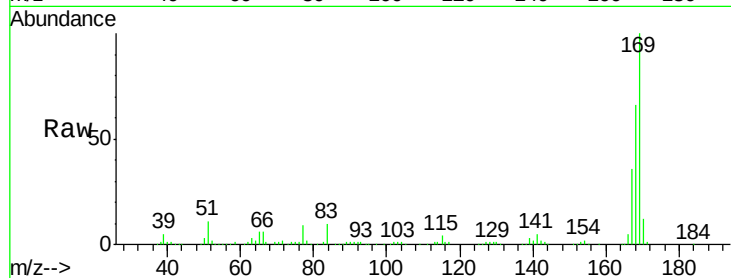
#65
n-Nitrosodiphenylamine
Concen: 22.02 ng
RT: 11.86 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	238535		
168	66.5	53.0	79.6	
167	36.5	29.5	44.3	

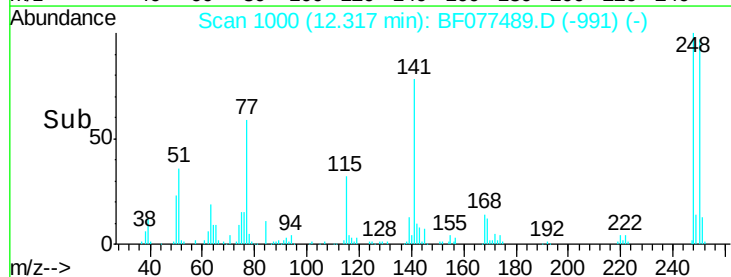
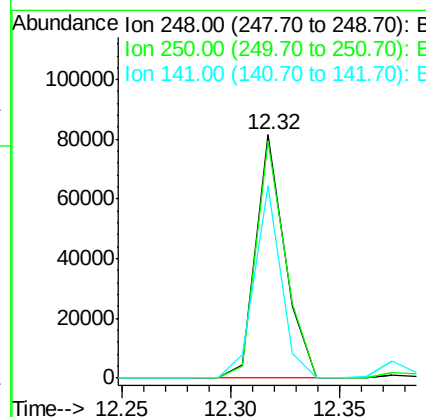
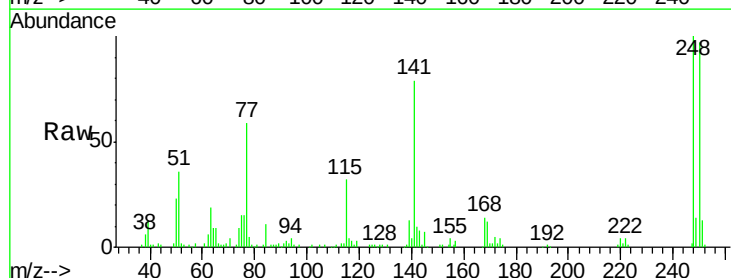
Manual Integrations
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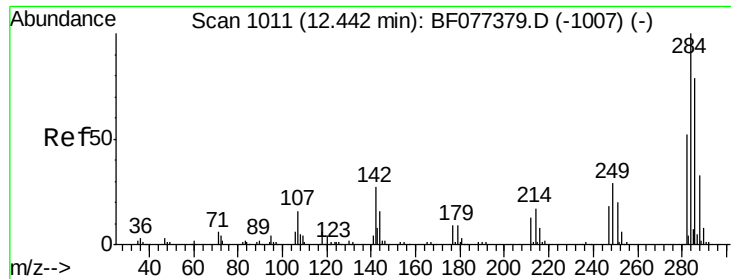
apatel
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#66
4-Bromophenyl-phenylether
Concen: 19.78 ng
RT: 12.32 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75630		
250	97.3	78.0	117.0	
141	78.9	54.1	81.1	





#67

Hexachlorobenzene

Concen: 19.99 ng

RT: 12.38 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

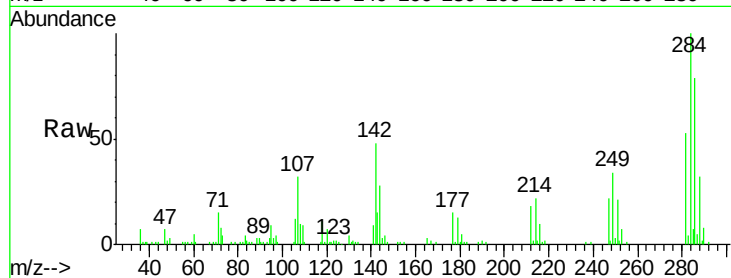
ClientSampleId :

B-11-D910MSD

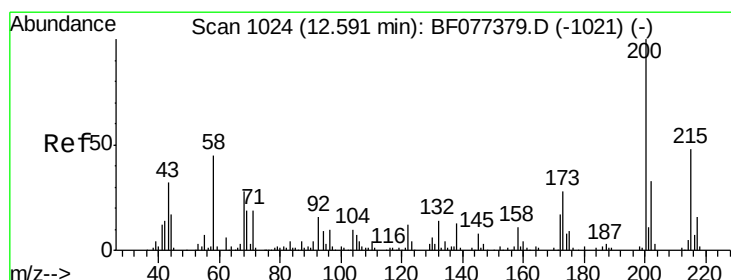
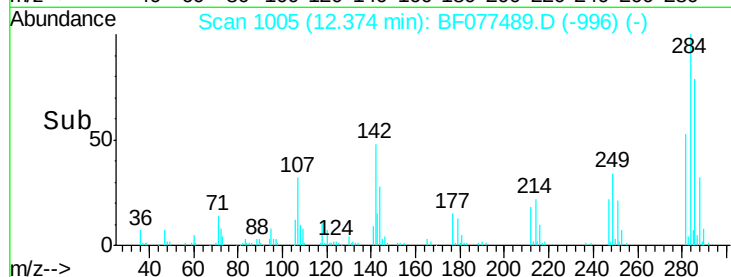
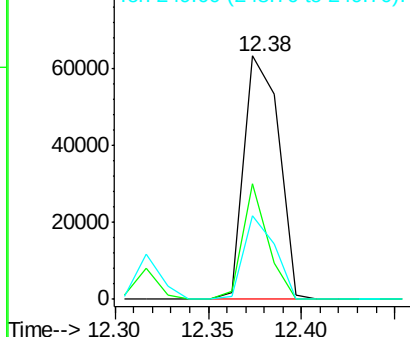
Tgt Ion:	284	Resp:	82018
Ion Ratio	Lower	Upper	
284	100		
142	47.7	31.6	47.4#
249	34.2	27.0	40.4

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



#68

Atrazine

Concen: 22.09 ng

RT: 12.53 min Scan# 1019

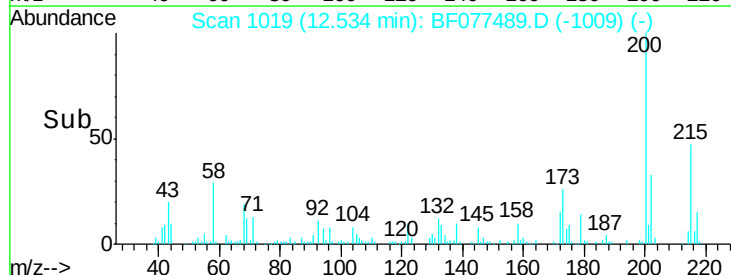
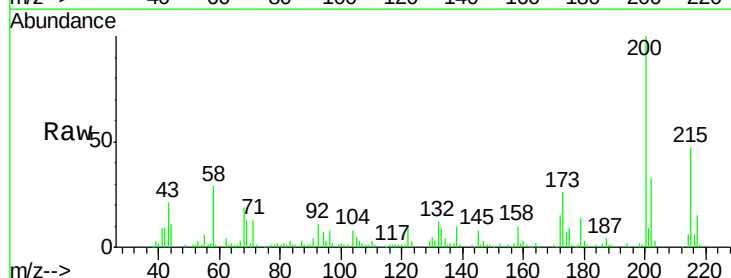
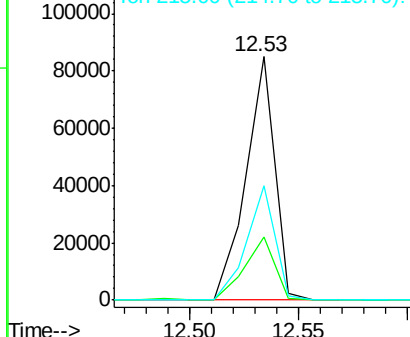
Delta R.T. 0.01 min

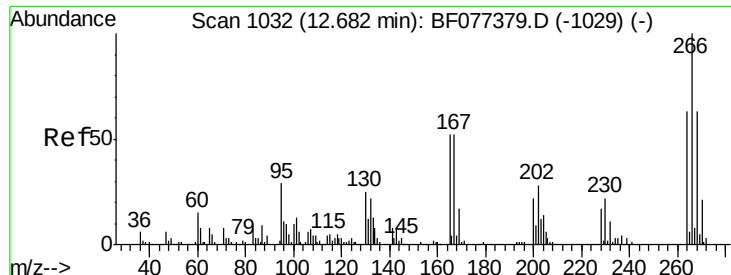
Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	200	Resp:	77800
Ion Ratio	Lower	Upper	
200	100		
173	26.1	9.6	49.6
215	47.2	24.4	64.4

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





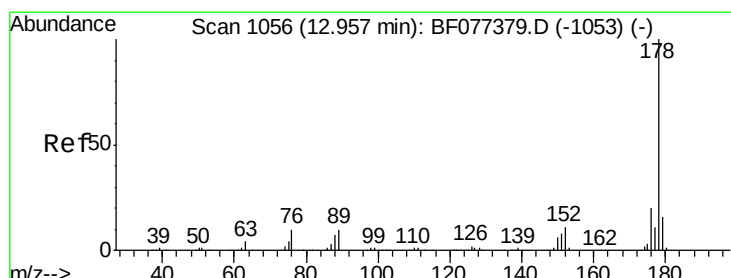
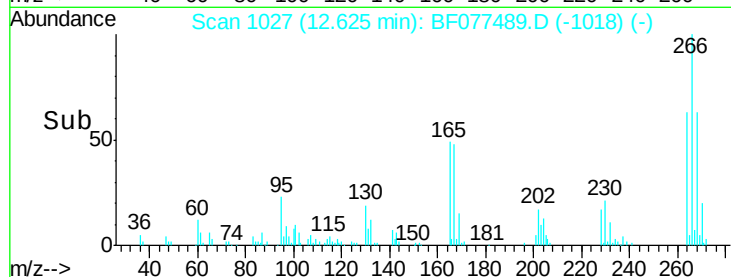
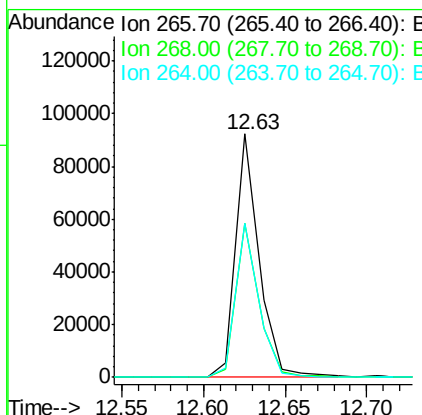
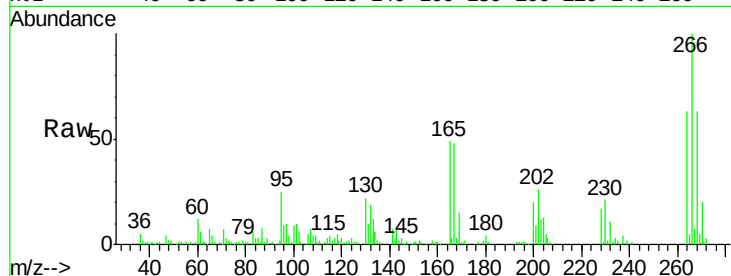
#69
 Pentachlorophenol
 Concen: 42.51 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	91675		
268	63.1	51.2	76.8	
264	63.1	50.7	76.1	

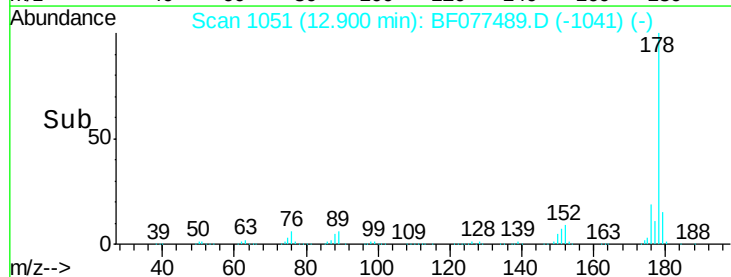
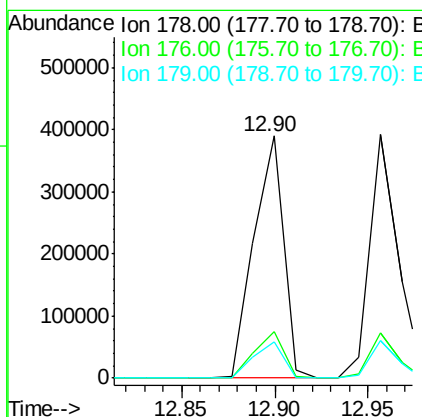
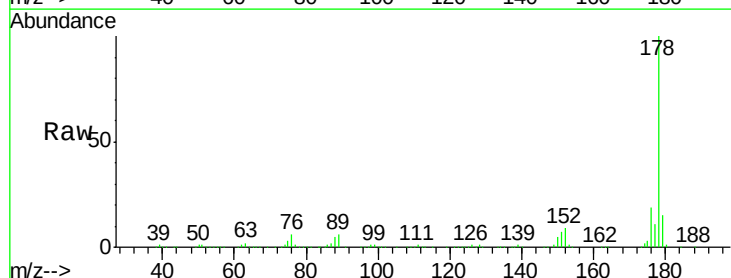
Manual Integrations
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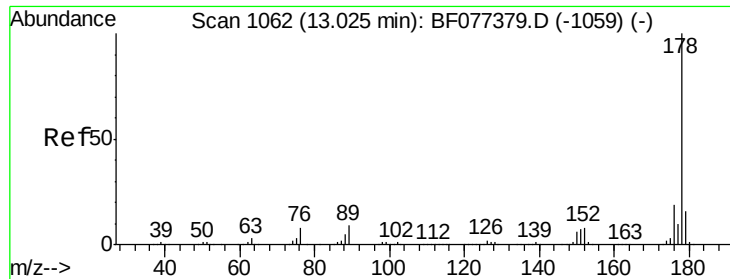
apatel
 2/27/2015 4:21:35 PM



#70
 Phenanthrene
 Concen: 22.58 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	427201		
176	19.0	15.5	23.3	
179	14.8	12.2	18.2	





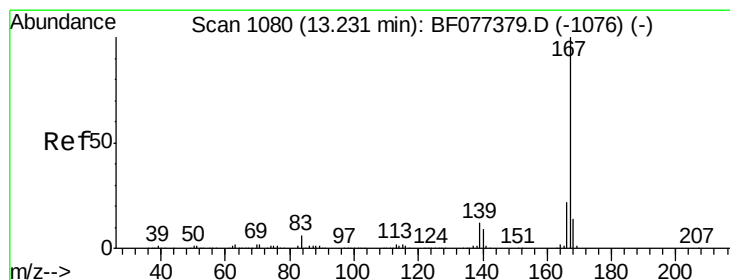
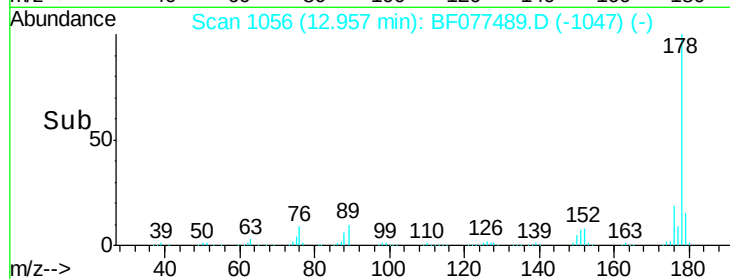
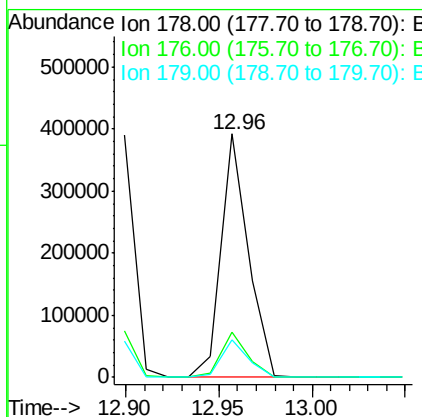
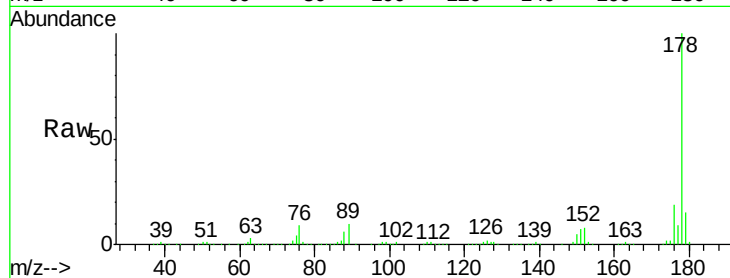
#71
 Anthracene
 Concen: 21.27 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.0
179	15.3	12.9	19.3

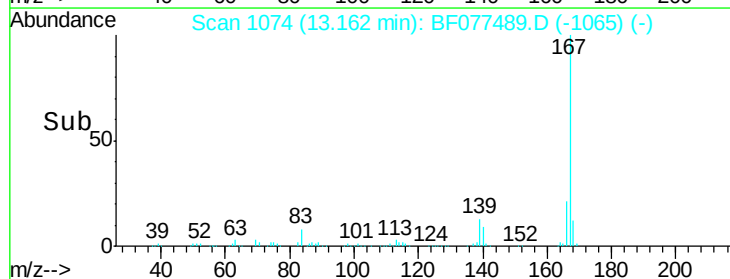
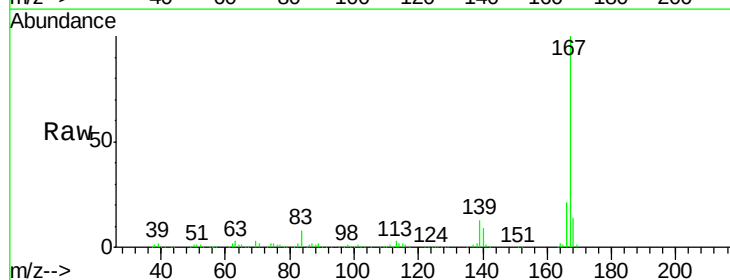
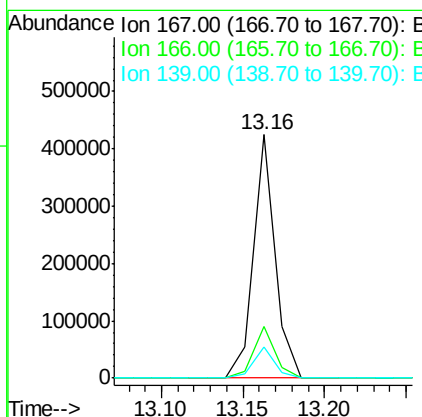
Manual Integrations
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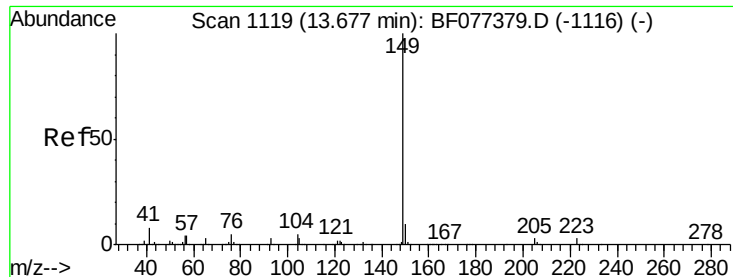
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#72
 Carbazole
 Concen: 21.96 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.5	9.9	14.9





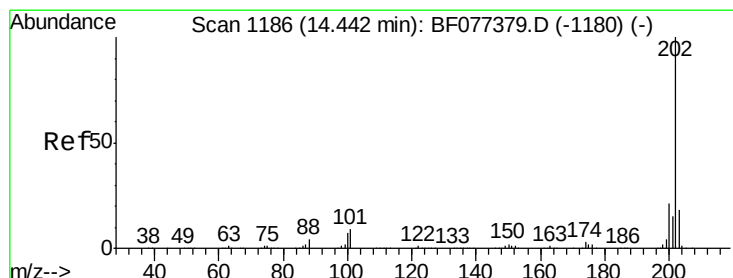
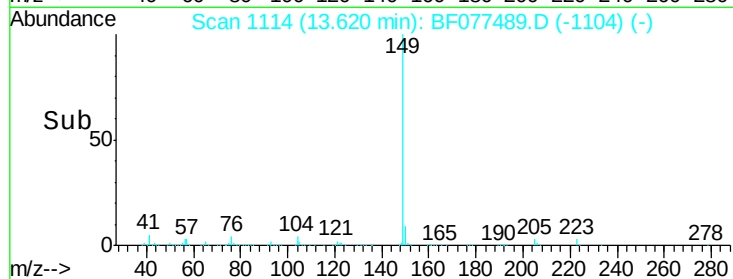
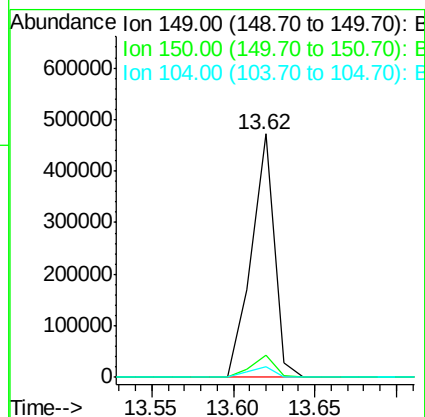
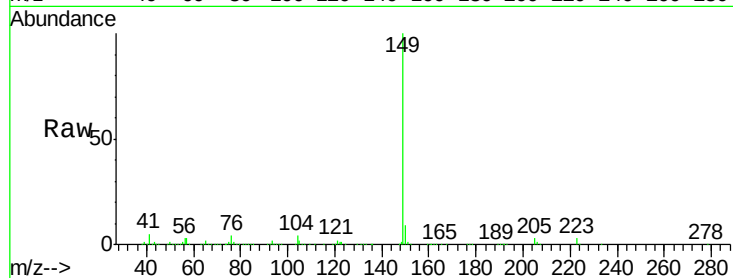
#73
Di-n-butylphthalate
Concen: 21.95 ng
RT: 13.62 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	460266		
150	9.0	7.8	11.8	
104	4.2	4.1	6.1	

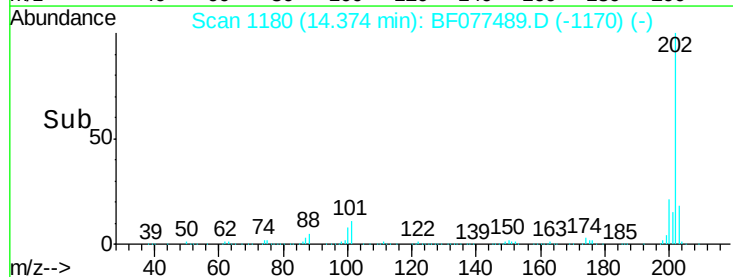
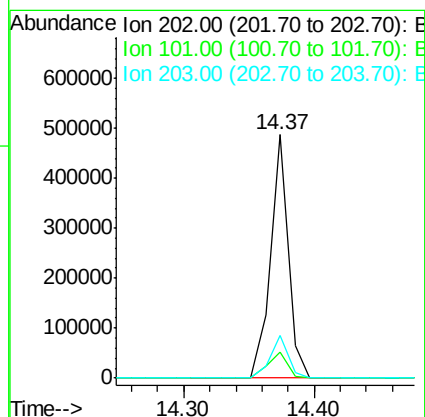
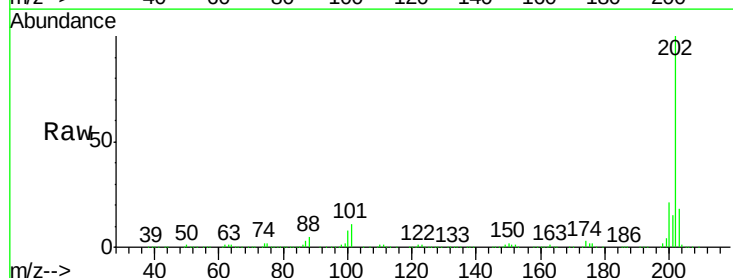
Manual Integrations
APPROVED

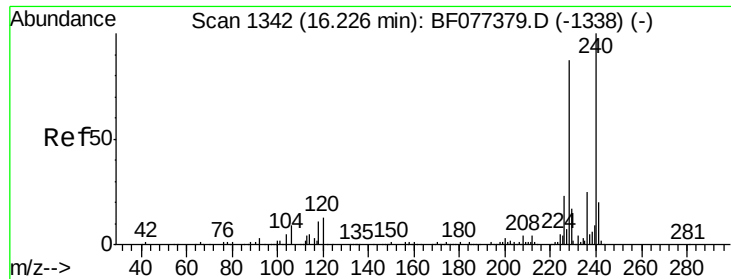
apatel
2/27/2015 4:21:35 PM



#74
Fluoranthene
Concen: 22.69 ng
RT: 14.37 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	469061		
101	10.8	0.0	30.8	
203	17.5	0.0	37.7	





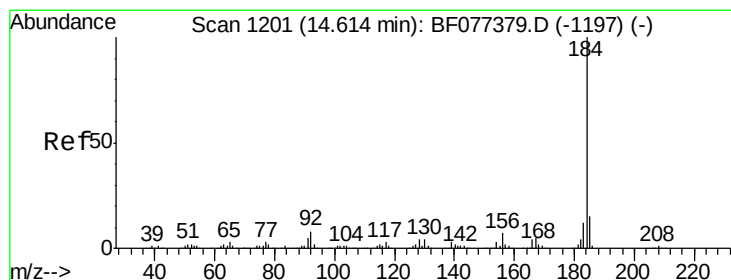
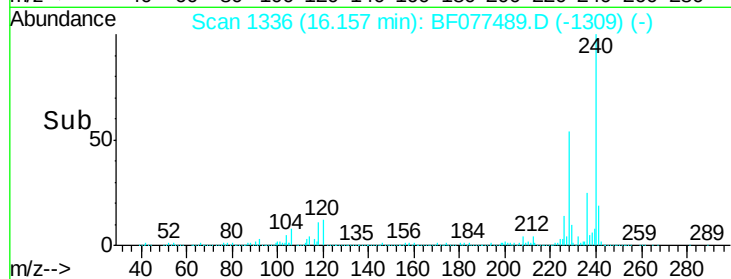
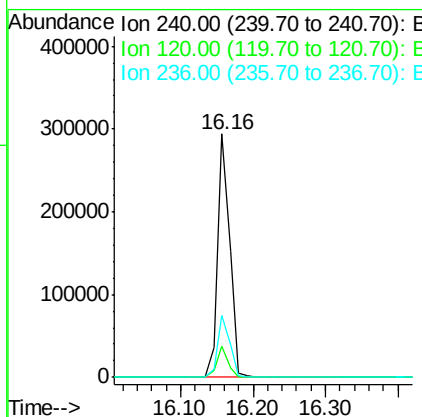
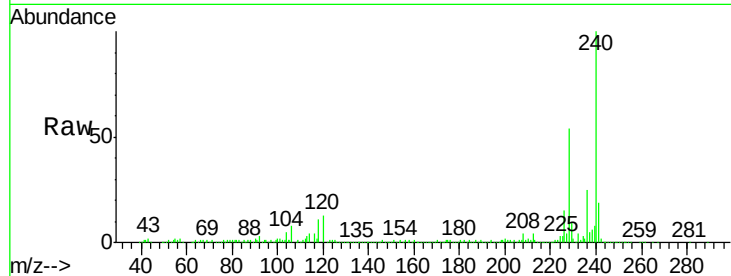
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	339195		
120	12.5	8.8	13.2	
236	25.5	20.7	31.1	

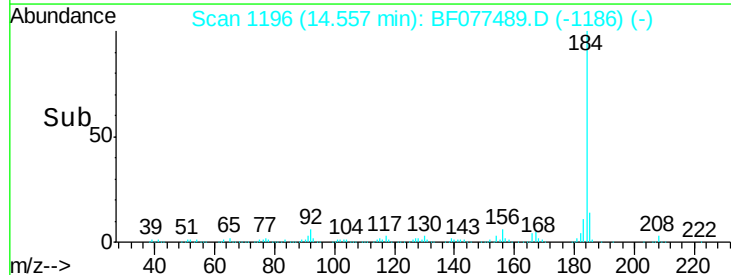
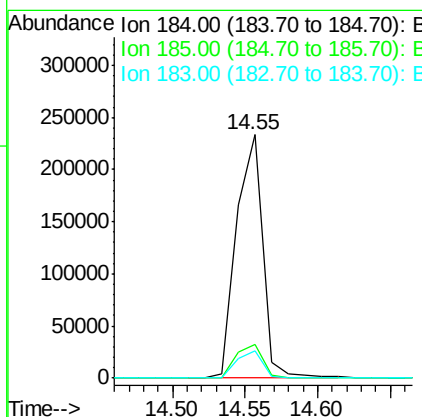
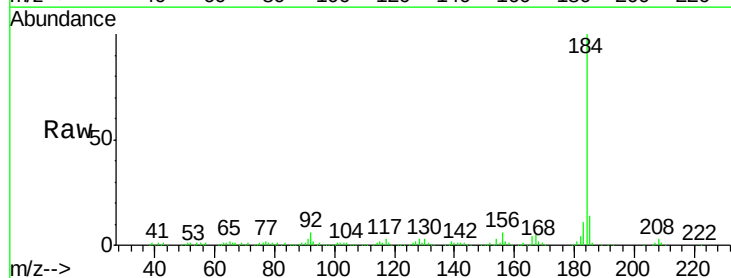
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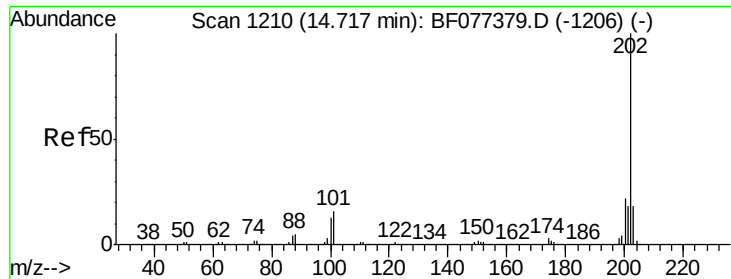
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#76
Benzidine
Concen: 25.66 ng
RT: 14.55 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	294118		
185	13.7	12.6	18.8	
183	11.3	9.3	13.9	





#77

Pyrene

Concen: 23.32 ng

RT: 14.65 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

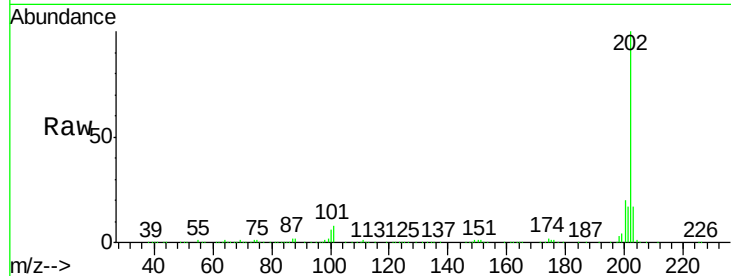
ClientSampleId :

B-11-D910MSD

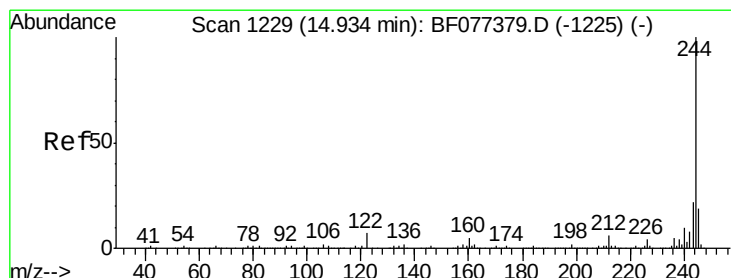
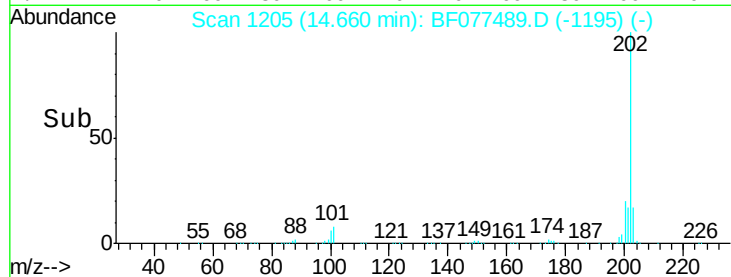
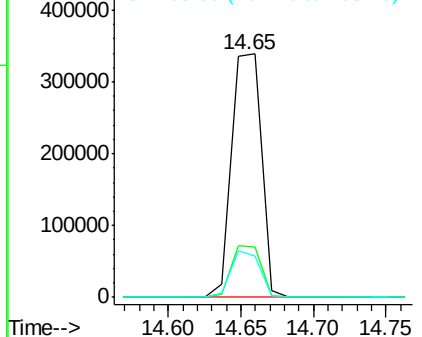
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	483794		
200	20.4	17.1	25.7	
203	17.0	14.2	21.2	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.01 ng

RT: 14.86 min Scan# 1223

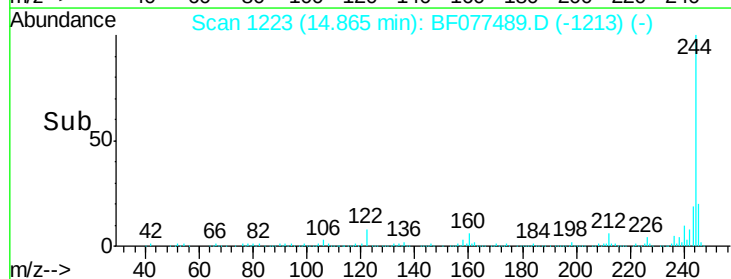
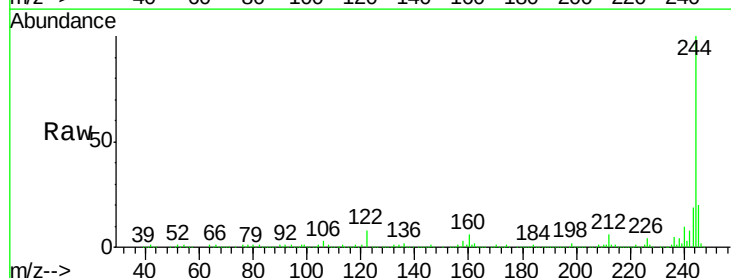
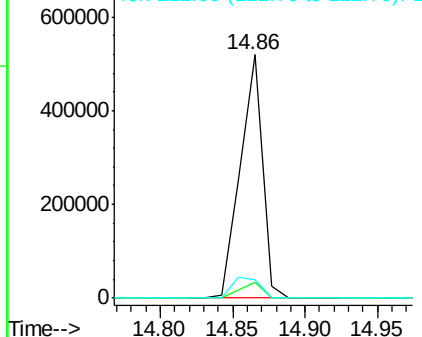
Delta R.T. 0.01 min

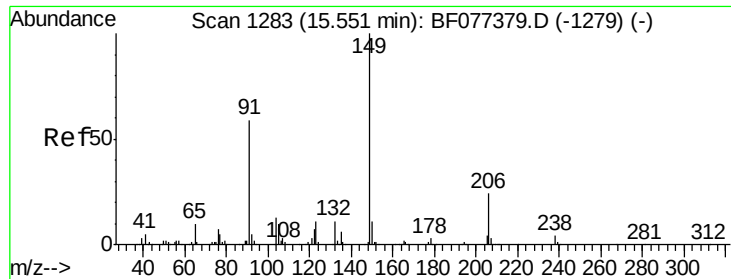
Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	551439		
212	6.3	5.2	7.8	
122	7.8	7.8	11.8#	

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





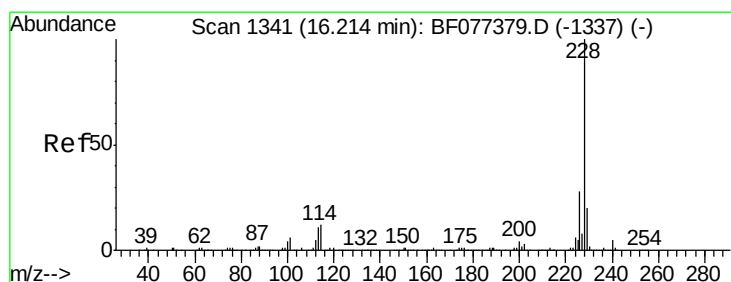
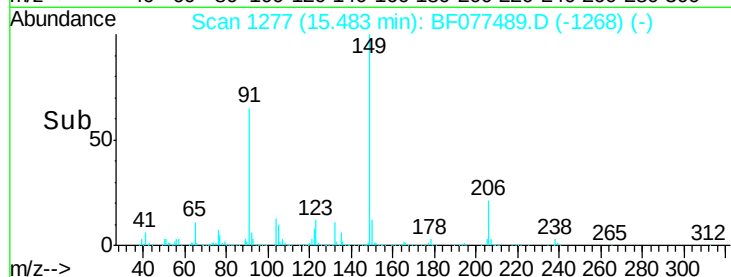
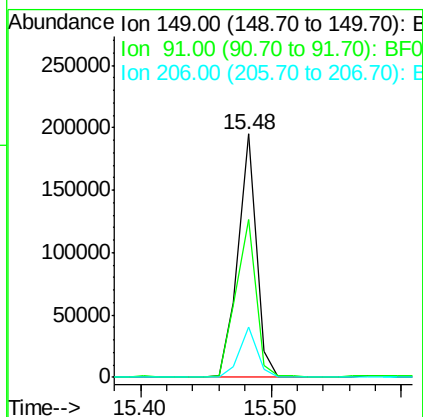
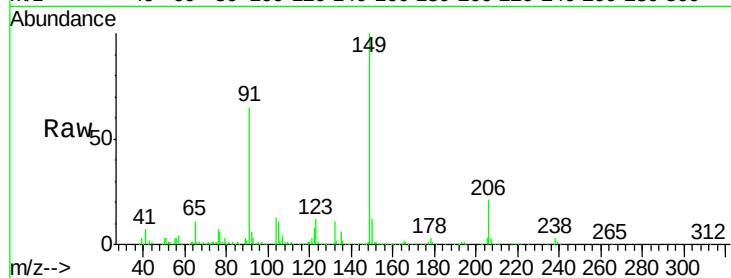
#79
Butylbenzylphthalate
Concen: 22.25 ng
RT: 15.48 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	189899		
91	65.0	51.2	76.8	
206	20.8	17.8	26.8	

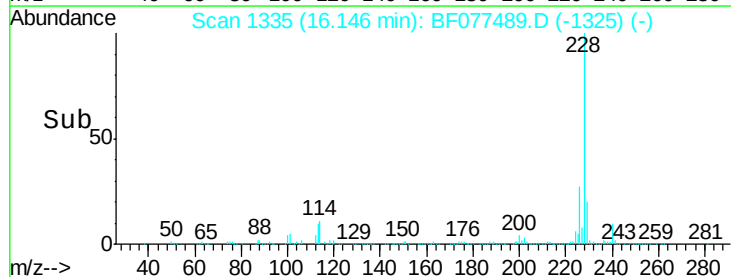
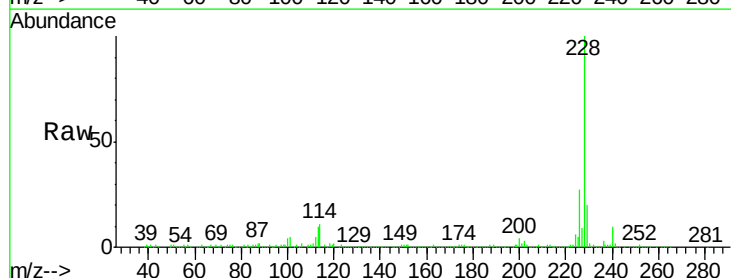
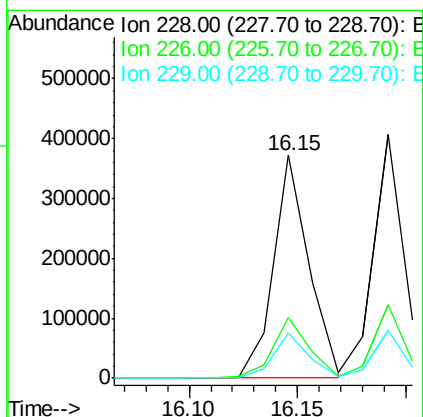
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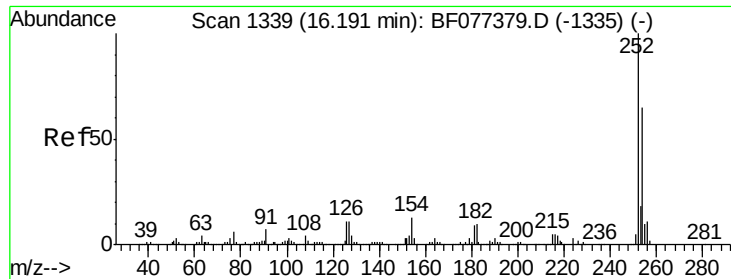
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#80
Benzo(a)anthracene
Concen: 21.30 ng
RT: 16.15 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	423405		
226	27.3	22.0	33.0	
229	20.3	15.8	23.8	





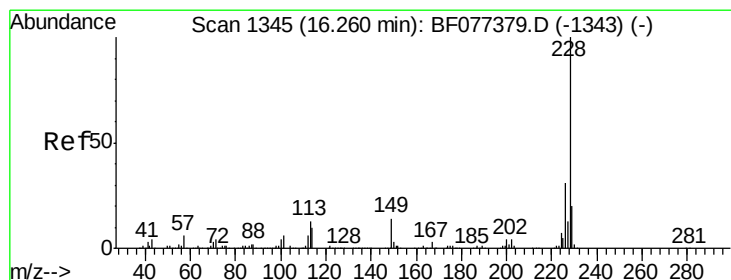
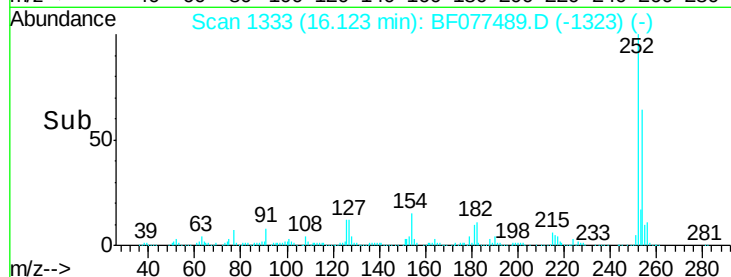
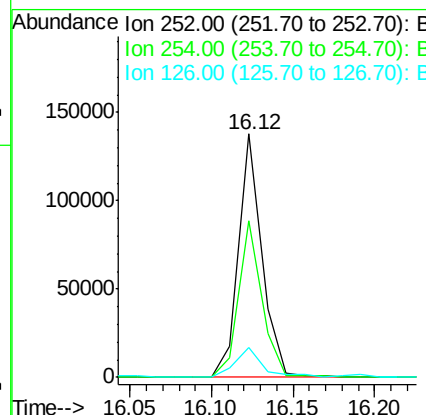
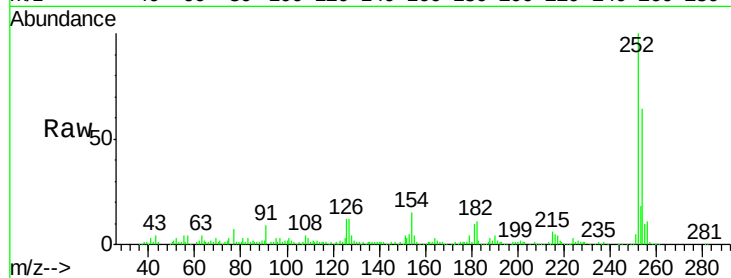
#81
 3,3'-Dichlorobenzidine
 Concen: 18.74 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.1	52.9	79.3
126	12.4	7.3	10.9

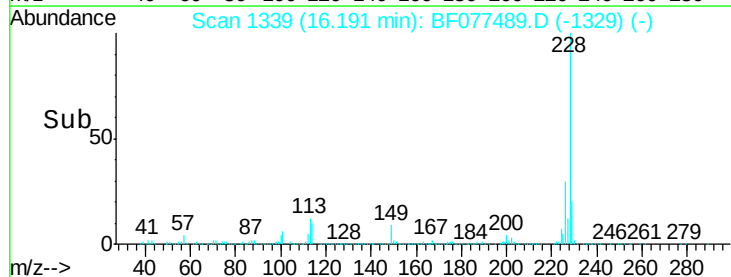
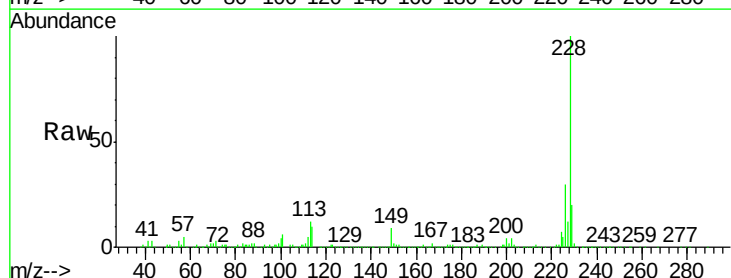
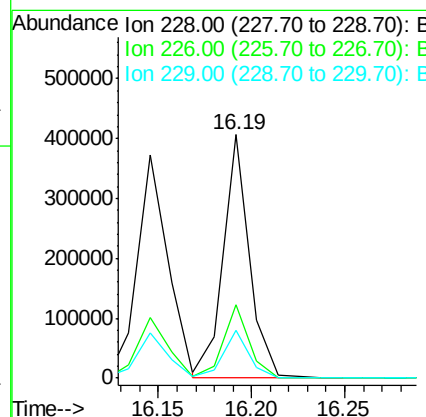
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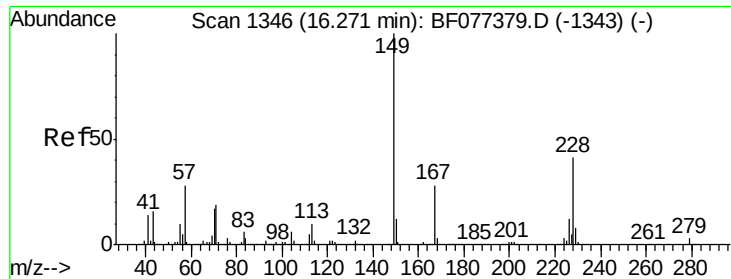
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#82
 Chrysene
 Concen: 21.11 ng
 RT: 16.19 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.9	37.3
229	19.9	16.4	24.6





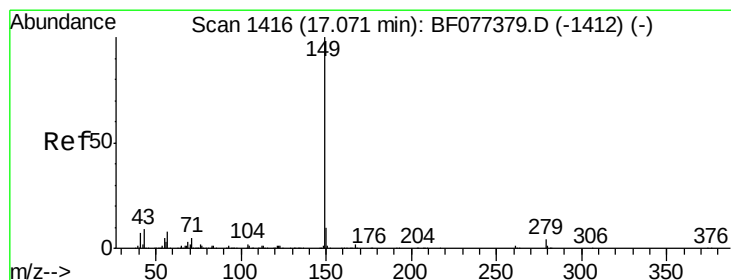
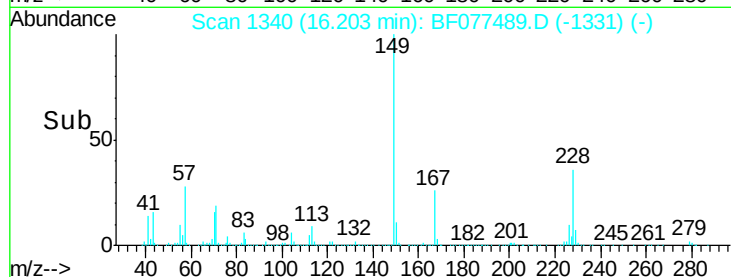
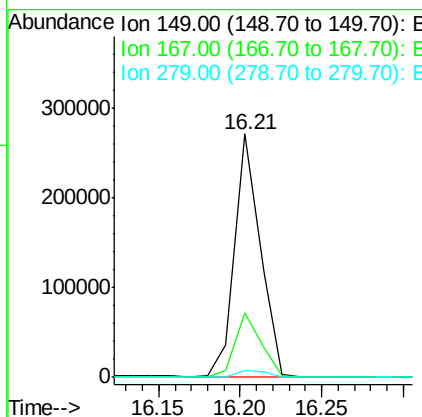
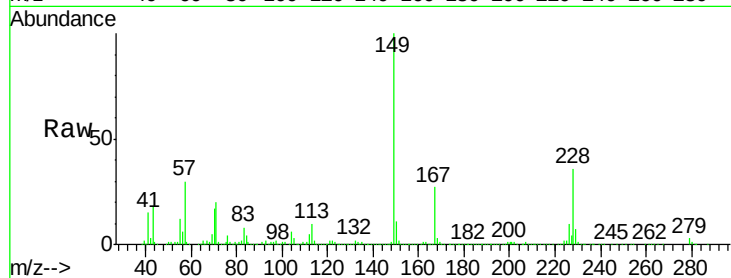
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.31 ng
 RT: 16.21 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.5	22.8	34.2
279	2.6	3.8	5.6

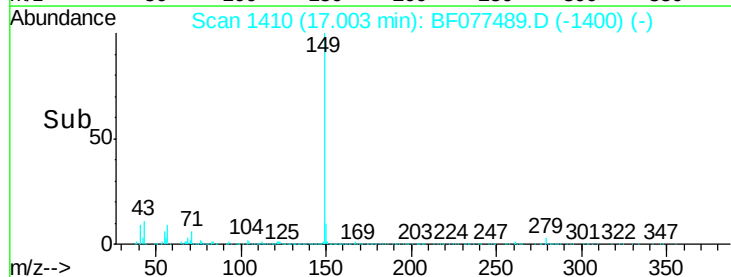
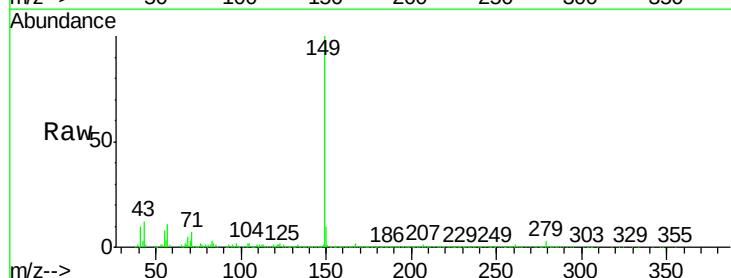
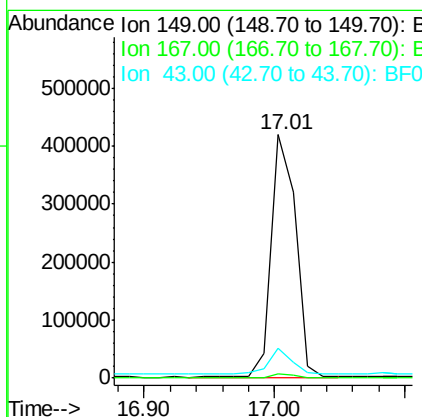
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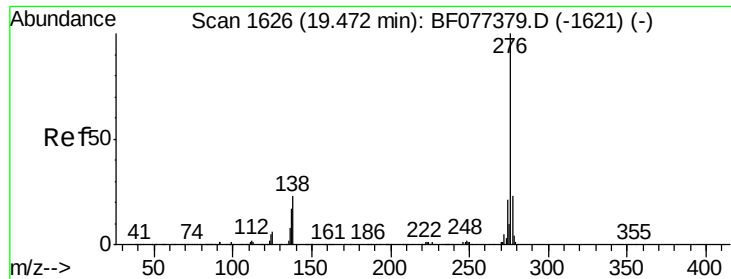
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#84
 Di-n-octyl phthalate
 Concen: 24.05 ng
 RT: 17.01 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.3	1.9
43	10.1	8.1	12.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.15 ng m

RT: 19.38 min Scan# 1618

Delta R.T. 0.03 min

Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Instrument :

BNA_F

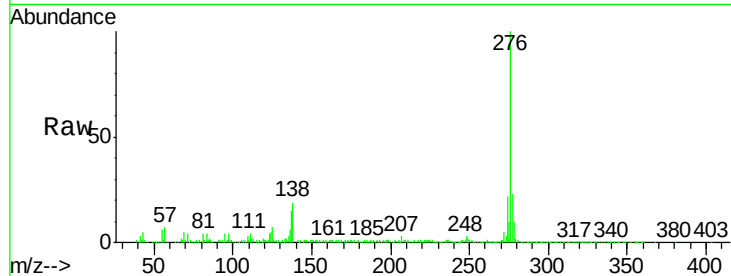
ClientSampleId :

B-11-D910MSD

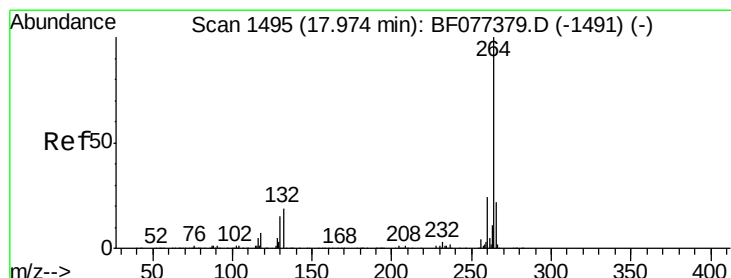
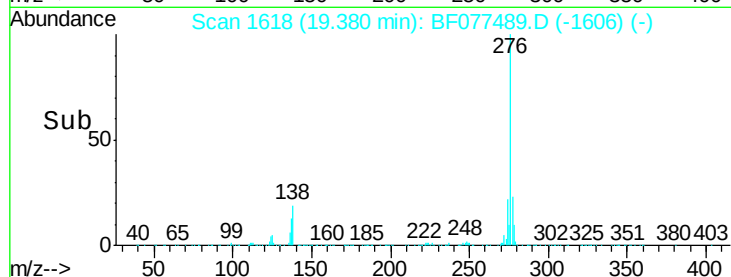
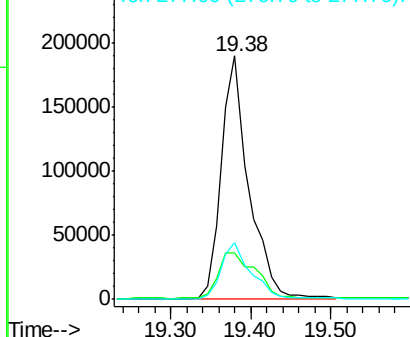
Tgt Ion:	276	Resp:	450210
Ion Ratio		Lower	Upper
276	100		
138	23.9	21.2	31.8
277	23.2	20.0	30.0

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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: 17.91 min Scan# 1490

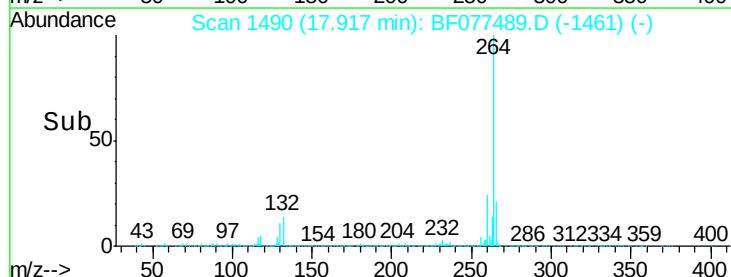
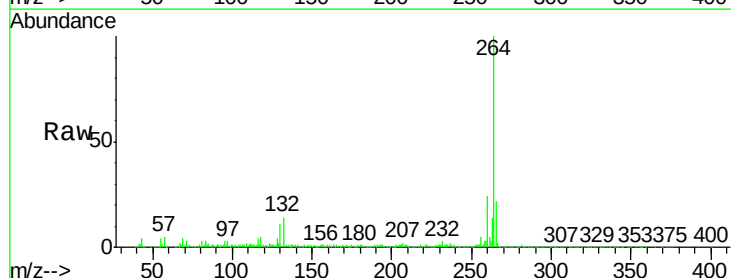
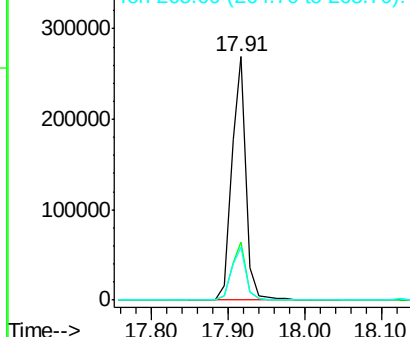
Delta R.T. 0.03 min

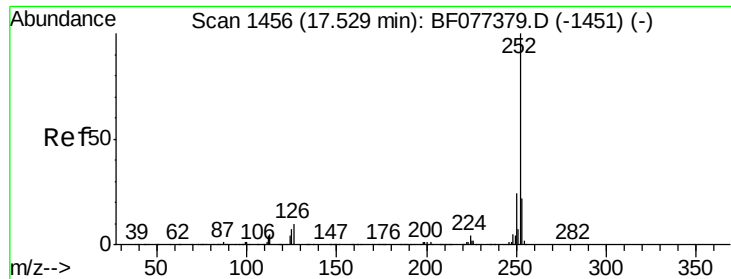
Lab File: BF077489.D

Acq: 27 Feb 2015 4:32

Tgt Ion:	264	Resp:	349380
Ion Ratio		Lower	Upper
264	100		
260	24.0	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





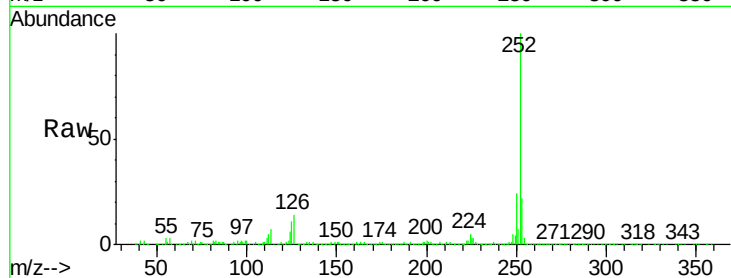
#87
Benzo(b)fluoranthene
Concen: 25.20 ng
RT: 17.46 min Scan# 1450
Delta R.T. 0.03 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	511965		
253	22.4	17.6	26.4	
125	11.1	5.4	8.2	

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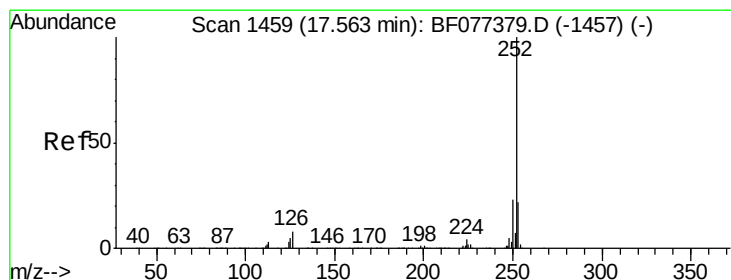
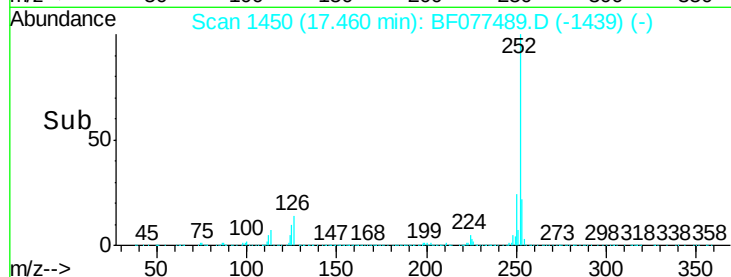
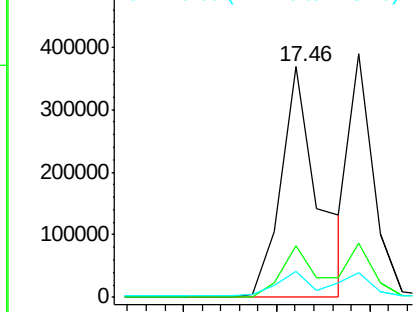


Abundance

Ion 252.00 (251.70 to 252.70): E

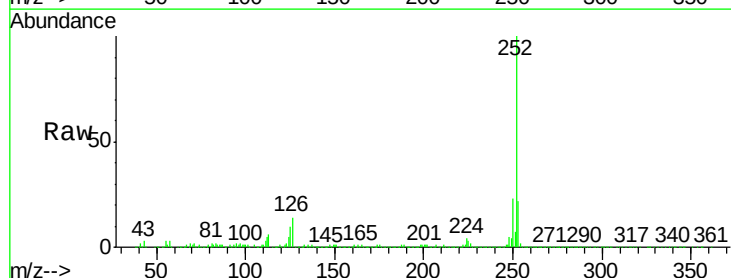
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 17.46 ng m
RT: 17.49 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	347696		
253	22.2	18.1	27.1	
125	10.3	10.1	15.1	

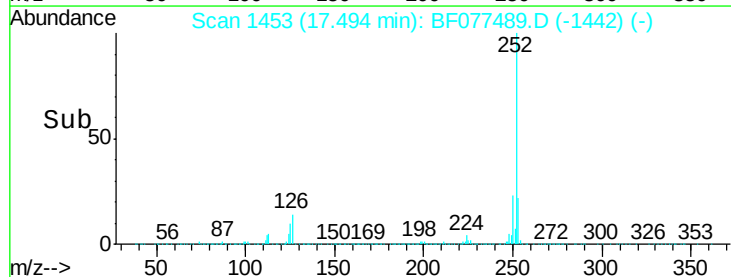
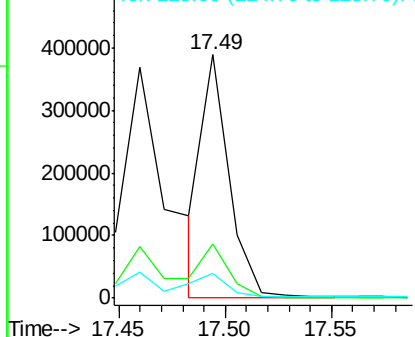


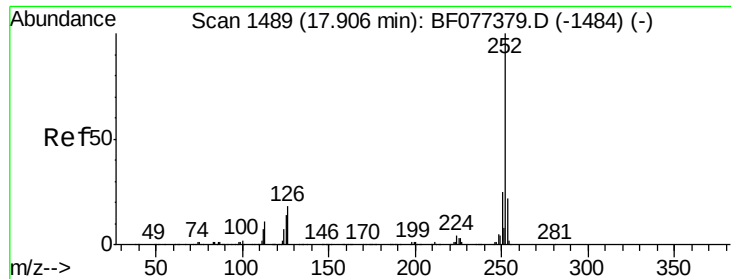
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





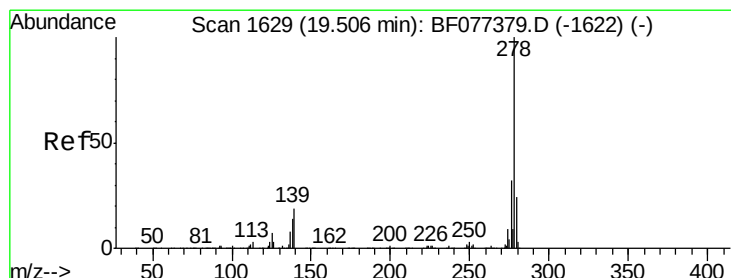
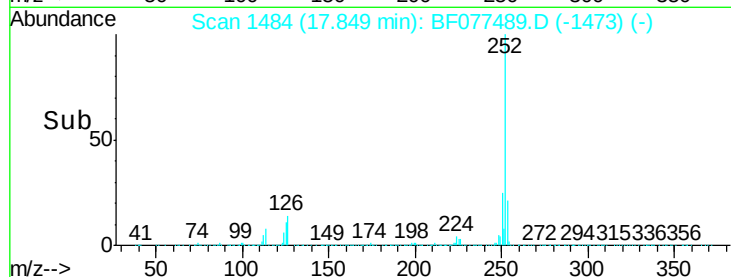
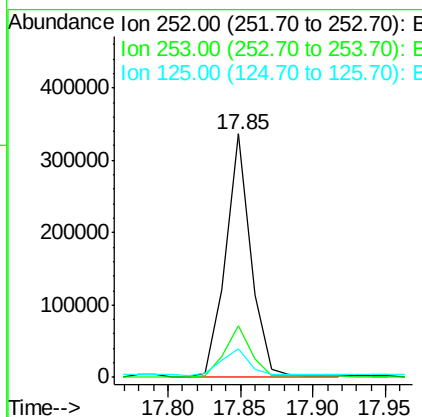
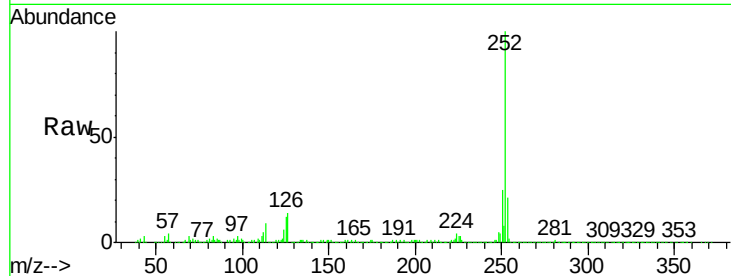
#89
Benzo(a)pyrene
Concen: 21.08 ng
RT: 17.85 min Scan# 1484
Delta R.T. 0.02 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Instrument :
BNA_F
ClientSampleId :
B-11-D910MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	407956		
253	21.4	18.2	27.2	
125	11.7	8.3	12.5	

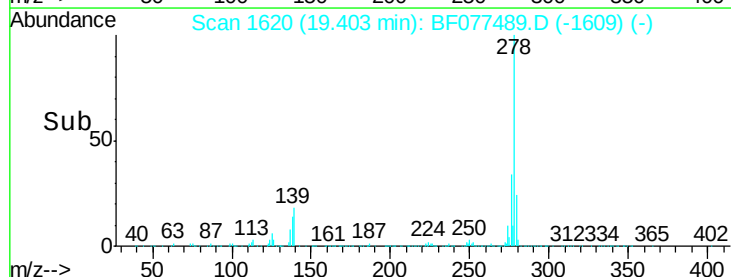
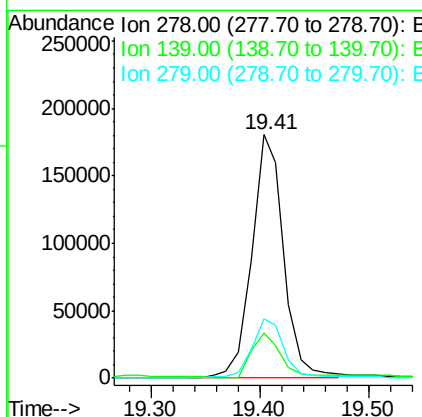
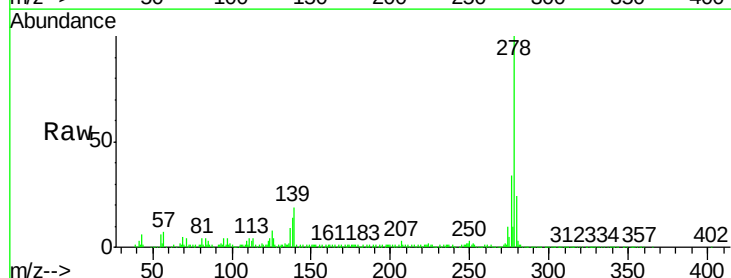
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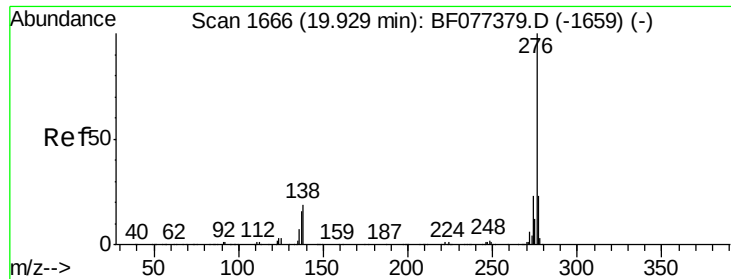
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#90
Dibenzo(a,h)anthracene
Concen: 19.75 ng
RT: 19.41 min Scan# 1620
Delta R.T. 0.03 min
Lab File: BF077489.D
Acq: 27 Feb 2015 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	364522		
139	18.7	14.3	21.5	
279	24.3	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 19.16 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.03 min
 Lab File: BF077489.D
 Acq: 27 Feb 2015 4:32

Instrument :
 BNA_F
 ClientSampleId :
 B-11-D910MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	20.0	20.5	30.7

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