

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052715\
 Data File : BF079519.D
 Acq On : 27 May 2015 15:23
 Operator : TP/IZ
 Sample : PB83614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Manual Integrations
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 5/28/2015 12:03:17 PM

Quant Time: May 28 01:02:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 00:48:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	57226	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	243162	20.00	ng	0.00
38) Acenaphthene-d10	10.74	164	122174	20.00	ng	0.00
63) Phenanthrene-d10	12.58	188	241930	20.00	ng	0.00
75) Chrysene-d12	15.90	240	240873	20.00	ng	-0.05
86) Perylene-d12	17.76	264	246042	20.00	ng	-0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	465421m	141.07	ng	0.00
7) Phenol-d6	6.59	99	572317	136.09	ng	0.00
23) Nitrobenzene-d5	7.70	82	349379	83.06	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	188616	140.56	ng	-0.01
44) 2-Fluorobiphenyl	9.93	172	753221	87.96	ng	0.00
78) Terphenyl-d14	14.58	244	902516	87.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.83	88	60692m	38.67	ng	
3) Pyridine	2.48	79	144693m	41.87	ng	
4) n-Nitrosodimethylamine	2.41	42	64556m	37.94	ng	
6) Aniline	6.59	93	195069m	32.68	ng	
8) 2-Chlorophenol	6.74	128	171294	44.60	ng	93
9) Benzaldehyde	6.44	77	19365m	6.05	ng	
10) Phenol	6.62	94	216038	43.63	ng	95
11) bis(2-Chloroethyl)ether	6.70	93	159697	44.59	ng	91
12) 1,3-Dichlorobenzene	6.92	146	183829	43.20	ng	# 93
13) 1,4-Dichlorobenzene	7.02	146	183325	42.23	ng	95
14) 1,2-Dichlorobenzene	7.20	146	173759	43.10	ng	96
15) Benzyl Alcohol	7.20	79	145559m	47.10	ng	
16) 2,2'-oxybis(1-Chloropropan	7.37	45	243246	46.40	ng	98
17) 2-Methylphenol	7.36	107	139090	46.09	ng	98
18) Hexachloroethane	7.62	117	63903	42.77	ng	# 78
19) n-Nitroso-di-n-propylamine	7.53	70	132790	44.88	ng	# 92
20) 3+4-Methylphenols	7.55	107	184111	44.40	ng	94
22) Acetophenone	7.52	105	248115	45.54	ng	# 93
24) Nitrobenzene	7.72	77	179722	43.35	ng	# 87
25) Isophorone	8.02	82	333831	43.54	ng	# 91
26) 2-Nitrophenol	8.11	139	85565	43.59	ng	# 75
27) 2,4-Dimethylphenol	8.19	122	159562	45.22	ng	96
28) bis(2-Chloroethoxy)methane	8.31	93	211439	44.49	ng	98
29) 2,4-Dichlorophenol	8.42	162	154418	47.78	ng	93
30) 1,2,4-Trichlorobenzene	8.51	180	147565	44.01	ng	97
31) Naphthalene	8.60	128	511843	43.86	ng	99
32) Benzoic acid	8.34	122	100543m	45.92	ng	
33) 4-Chloroaniline	8.70	127	148534	30.47	ng	# 94
34) Hexachlorobutadiene	8.76	225	82741	43.39	ng	97
35) Caprolactam	9.12	113	48576m	47.66	ng	
36) 4-Chloro-3-methylphenol	9.31	107	164250	49.00	ng	# 87
37) 2-Methylnaphthalene	9.46	142	356317	43.98	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	143176	41.90	ng	# 100
40) Hexachlorocyclopentadiene	9.66	237	90756	82.92	ng	96

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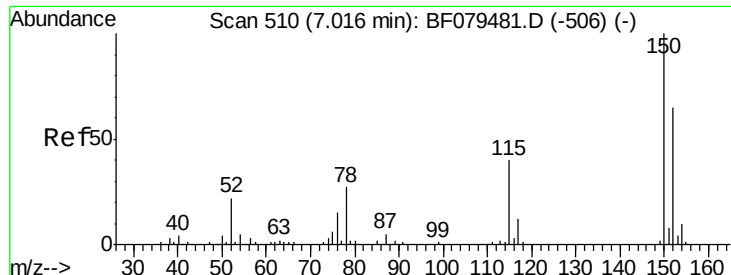
Manual Integrations
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Quant Time: May 28 01:02:53 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.83	196	106047	44.44	ng	96
43) 2,4,5-Trichlorophenol	9.87	196	105871	44.57	ng #	84
45) 1,1'-Biphenyl	10.04	154	422809	44.31	ng	97
46) 2-Chloronaphthalene	10.07	162	330941	43.91	ng	95
47) 2-Nitroaniline	10.20	65	101342	45.23	ng #	76
48) Acenaphthylene	10.57	152	549396	43.92	ng	99
49) Dimethylphthalate	10.45	163	422682	46.95	ng	99
50) 2,6-Dinitrotoluene	10.51	165	84409	46.93	ng #	55
51) Acenaphthene	10.79	154	319926	44.72	ng	99
52) 3-Nitroaniline	10.72	138	81224	34.72	ng	83
53) 2,4-Dinitrophenol	10.87	184	66790	84.36	ng #	84
54) Dibenzofuran	11.01	168	487853	46.24	ng	97
55) 4-Nitrophenol	10.96	139	122421	94.37	ng	87
56) 2,4-Dinitrotoluene	11.02	165	118190	49.00	ng	90
57) Fluorene	11.43	166	408097	46.93	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	84543	48.91	ng #	100
59) Diethylphthalate	11.31	149	405652	46.03	ng	94
60) 4-Chlorophenyl-phenylether	11.44	204	179974	47.90	ng	93
61) 4-Nitroaniline	11.47	138	93793	43.04	ng	89
62) Azobenzene	11.63	77	401711	46.87	ng	97
64) 4,6-Dinitro-2-methylphenol	11.52	198	53583	44.42	ng	94
65) n-Nitrosodiphenylamine	11.59	169	340153	42.33	ng	97
66) 4-Bromophenyl-phenylether	12.05	248	116663	46.83	ng	94
67) Hexachlorobenzene	12.10	284	126076	44.39	ng	95
68) Atrazine	12.27	200	115760	53.33	ng	96
69) Pentachlorophenol	12.37	266	104053	95.63	ng	98
70) Phenanthrene	12.62	178	572176	43.11	ng	100
71) Anthracene	12.67	178	587426	43.59	ng	99
72) Carbazole	12.89	167	583215	44.96	ng	98
73) Di-n-butylphthalate	13.35	149	739068	51.23	ng	99
74) Fluoranthene	14.09	202	642071	45.11	ng	98
76) Benzidine	14.27	184	317270	61.50	ng	99
77) Pyrene	14.37	202	670685	44.94	ng	100
79) Butylbenzylphthalate	15.21	149	331618	49.41	ng	92
80) Benzo(a)anthracene	15.89	228	605747	43.72	ng	99
81) 3,3'-Dichlorobenzidine	15.86	252	162525	32.03	ng #	97
82) Chrysene	15.93	228	569467	43.24	ng	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	494283	51.41	ng #	97
84) Di-n-octyl phthalate	16.81	149	852732	50.96	ng	100
85) Indeno(1,2,3-cd)pyrene	19.14	276	739707	43.66	ng	99
87) Benzo(b)fluoranthene	17.27	252	615800m	43.88	ng	
88) Benzo(k)fluoranthene	17.31	252	585527	46.66	ng	99
89) Benzo(a)pyrene	17.69	252	607114	49.53	ng	99
90) Dibenzo(a,h)anthracene	19.17	278	609292	47.41	ng #	96
91) Benzo(g,h,i)perylene	19.53	276	607259	47.14	ng	98

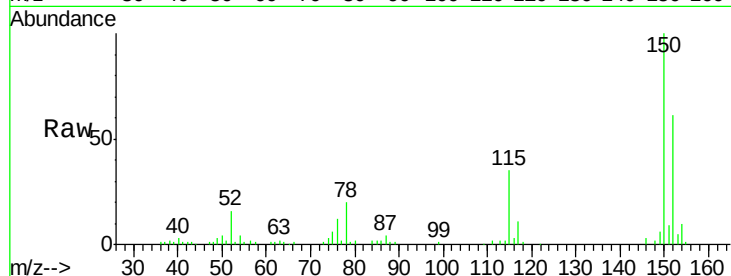
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

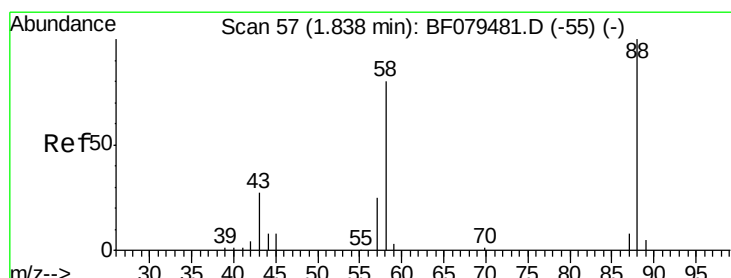
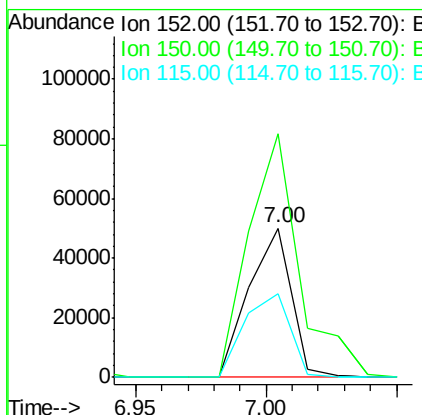
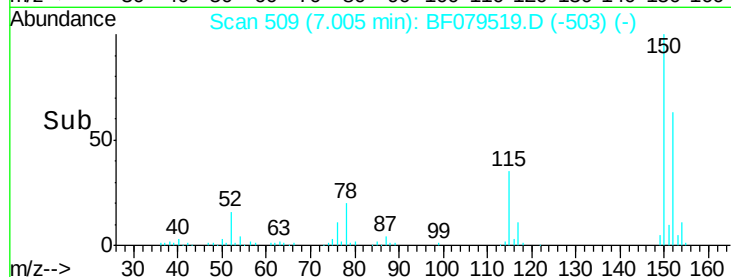
Instrument :
BNA_F
ClientSampled :
PB83614BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.2	124.0	186.0
115	56.4	49.6	74.4

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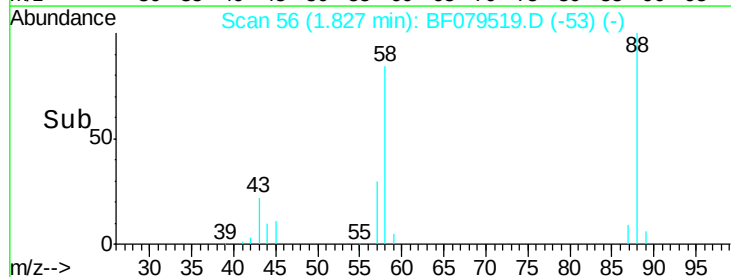
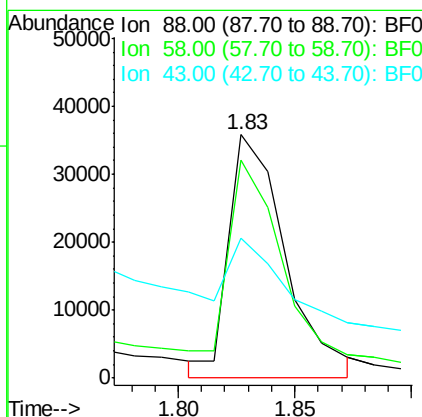
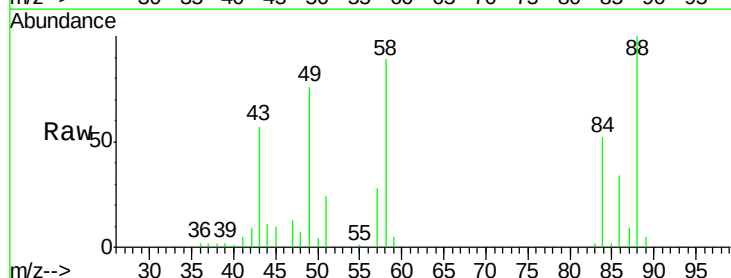
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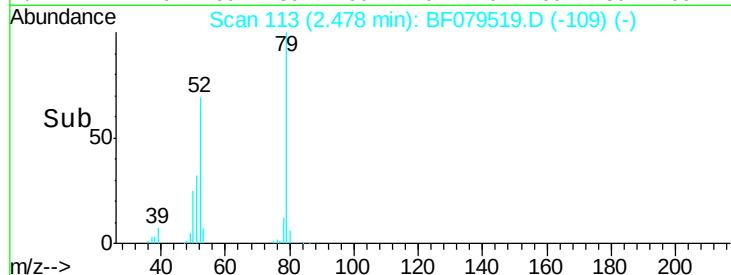
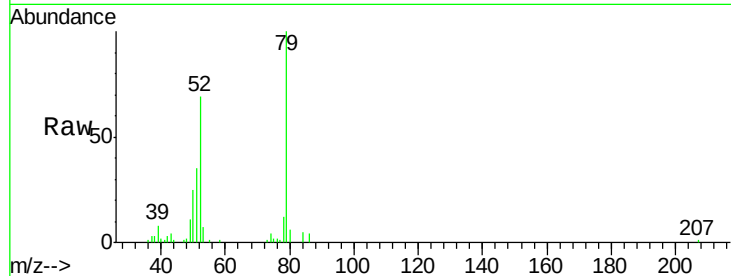
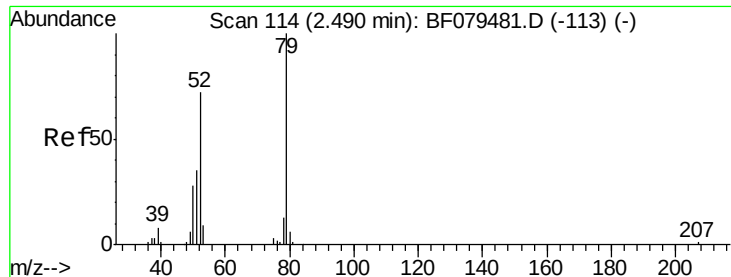


#2

1,4-Dioxane
Concen: 38.67 ng m
RT: 1.83 min Scan# 56
Delta R.T. 0.01 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0





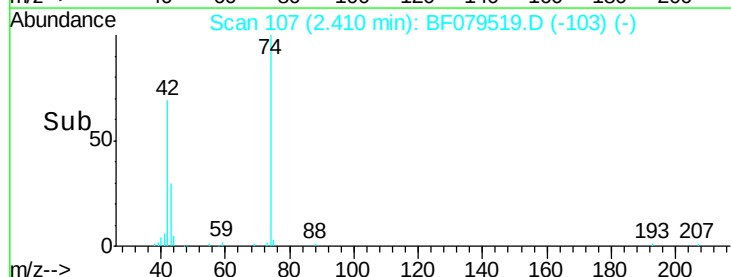
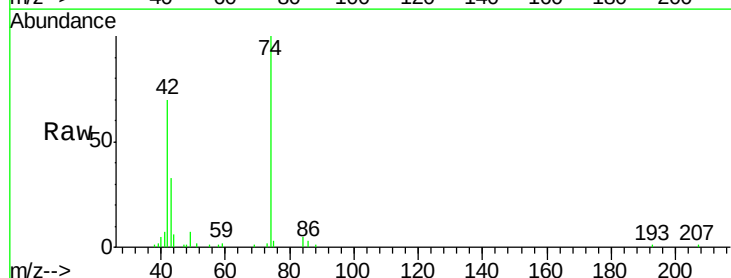
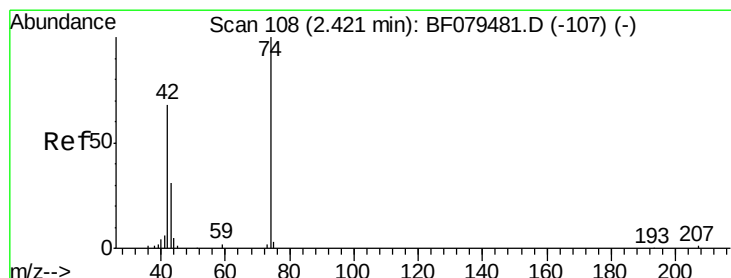
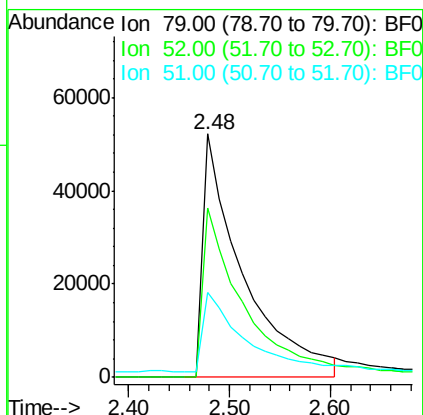
#3
Pyridine
Concen: 41.87 ng m
RT: 2.48 min Scan# 113
Delta R.T. 0.02 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	144693		
52	69.4	57.4	86.2	
51	34.9	29.4	44.0	

Instrument :
BNA_F
ClientSampleId :
PB83614BS

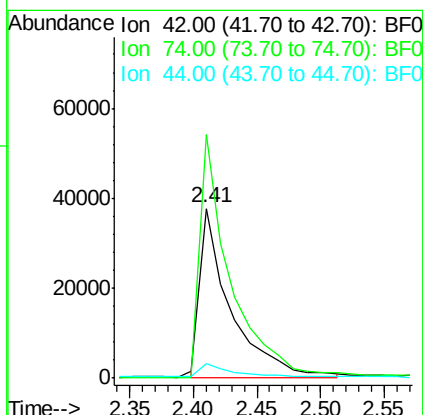
Manual Integrations
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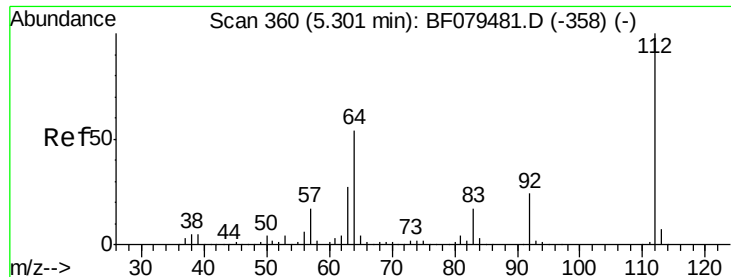
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#4
n-Nitrosodimethylamine
Concen: 37.94 ng m
RT: 2.41 min Scan# 107
Delta R.T. 0.02 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	64556		
74	143.3	117.6	176.4	
44	8.4	6.9	10.3	





#5

2-Fluorophenol

Concen: 141.07 ng m

RT: 5.28 min Scan# 358

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

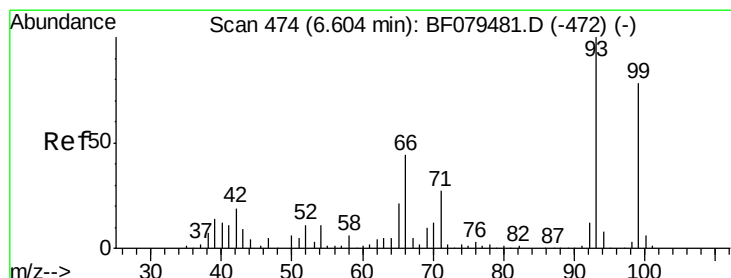
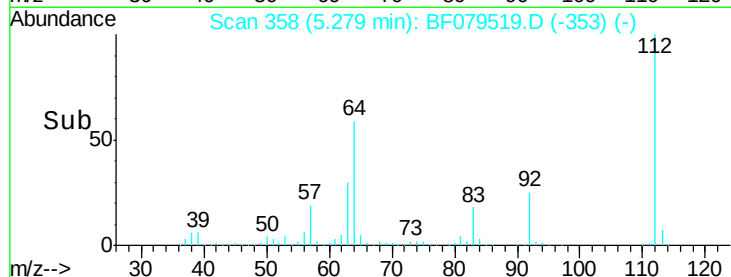
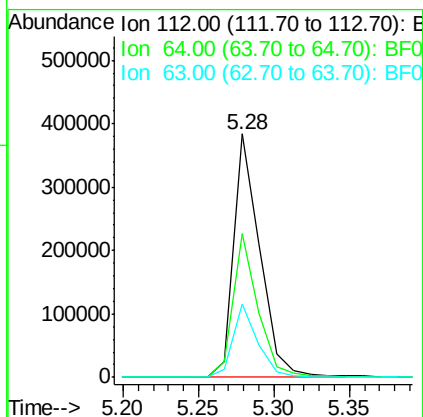
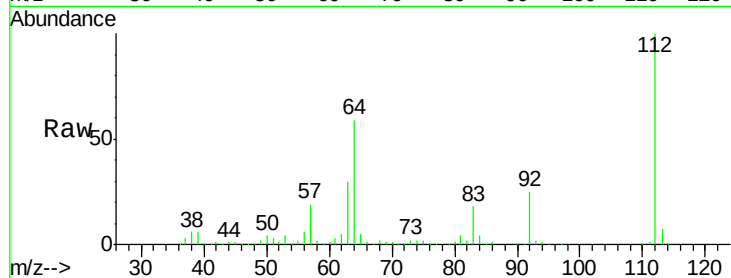
ClientSampleId :

PB83614BS

Tgt Ion:	112	Resp:	465421
Ion Ratio	Lower	Upper	
112	100		
64	59.3	43.5	65.3
63	30.1	21.8	32.8

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#6

Aniline

Concen: 32.68 ng m

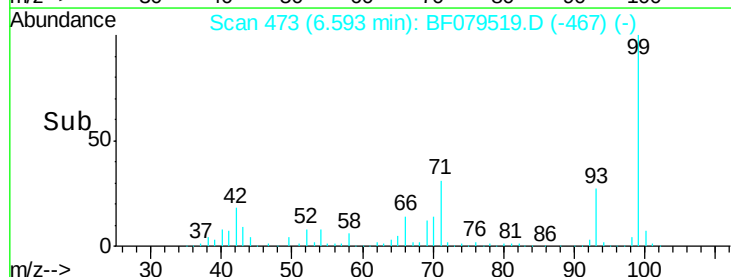
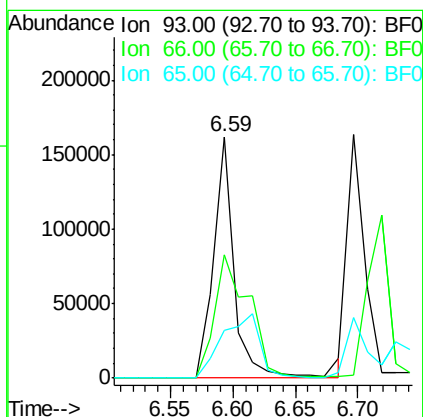
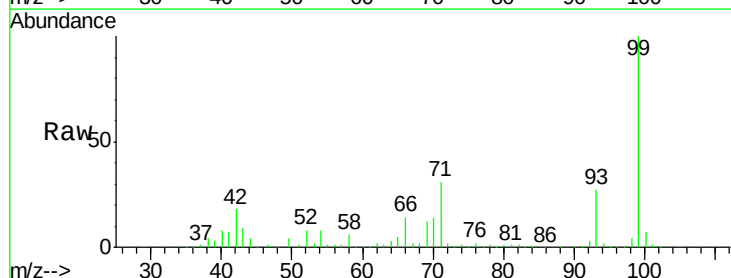
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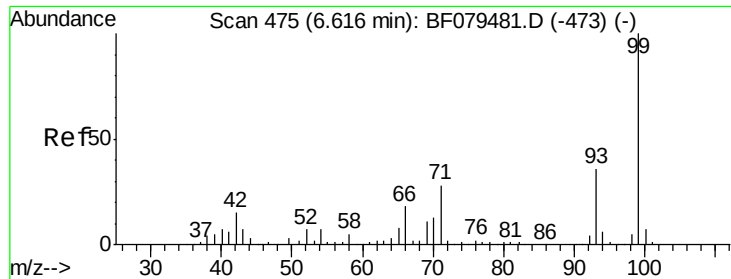
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	93	Resp:	195069
Ion Ratio	Lower	Upper	
93	100		
66	51.2	34.8	52.2
65	20.0	16.7	25.1





#7

Phenol-d6

Concen: 136.09 ng

RT: 6.59 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF079519.D

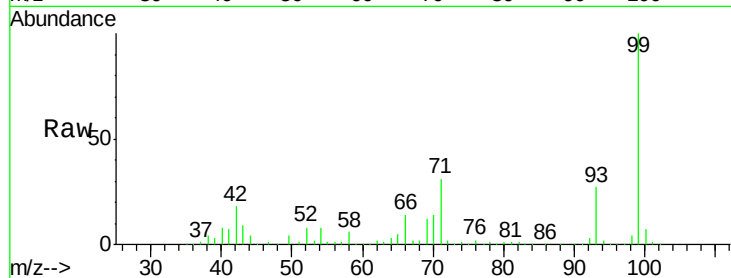
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

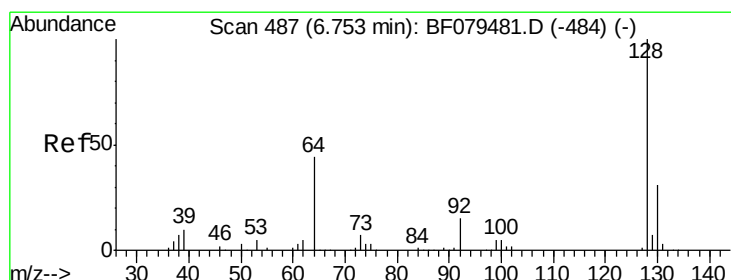
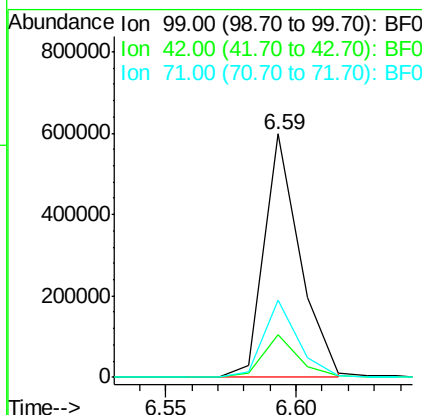
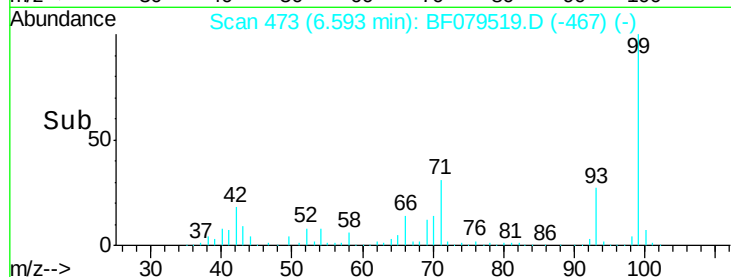
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		572317		
42	17.7	11.9	17.9		
71	31.5	22.1	33.1		

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#8

2-Chlorophenol

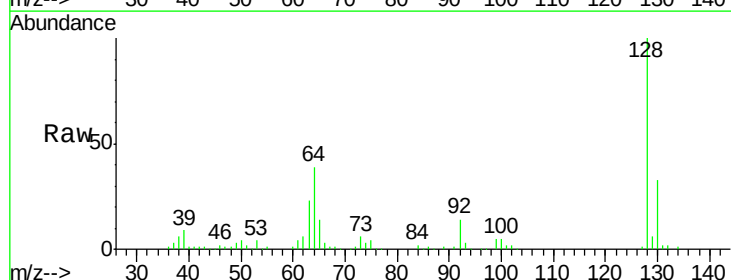
Concen: 44.60 ng

RT: 6.74 min Scan# 486

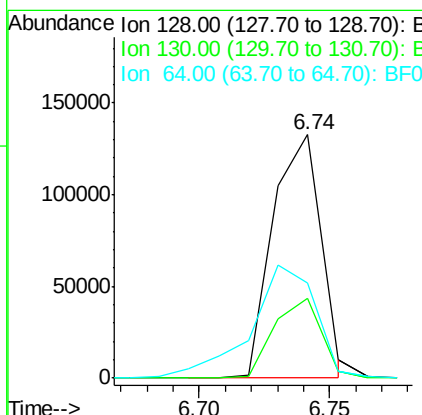
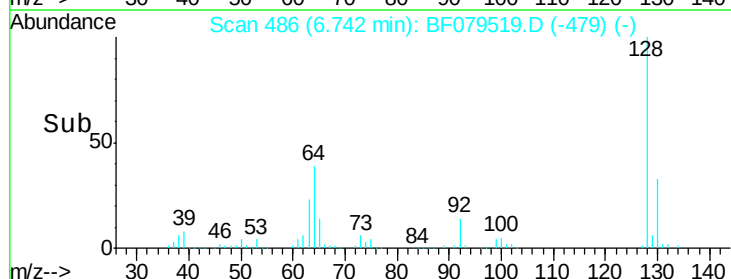
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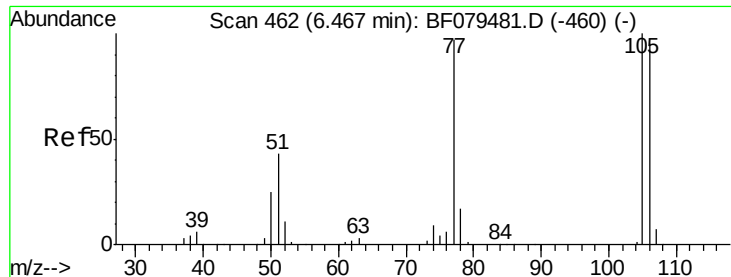
Lab File: BF079519.D

Acq: 27 May 2015 15:23



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		171294		
130	32.7	11.4	51.4		
64	39.2	25.9	65.9		





#9

Benzaldehyde

Concen: 6.05 ng m

RT: 6.44 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

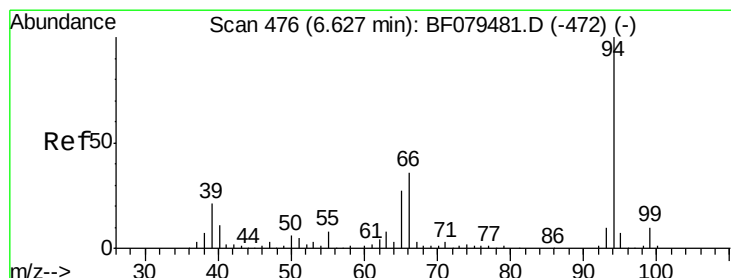
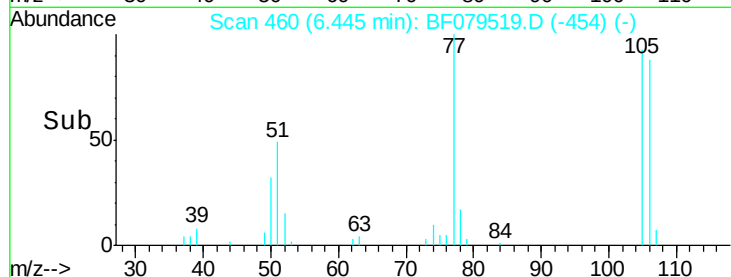
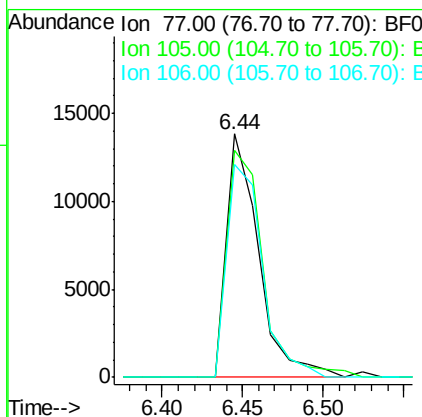
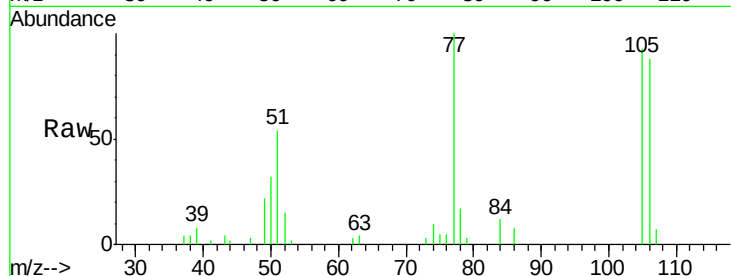
PB83614BS

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Tgt Ion:	77	Resp:	19365
Ion Ratio	Lower	Upper	
77	100		
105	93.3	83.3	123.3
106	87.5	78.4	118.4



#10

Phenol

Concen: 43.63 ng

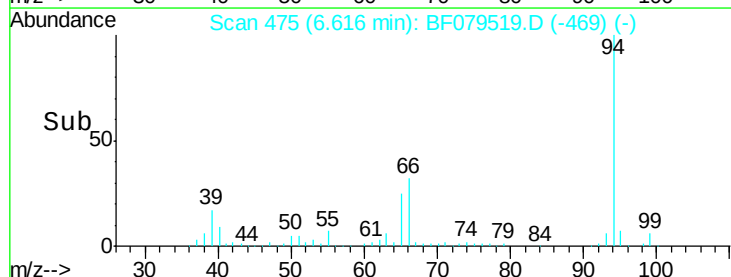
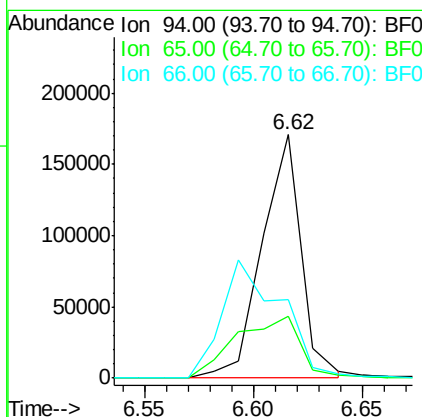
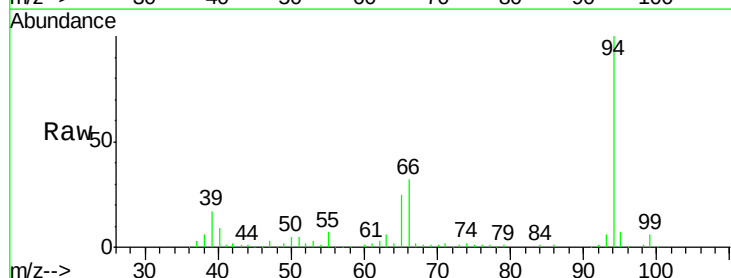
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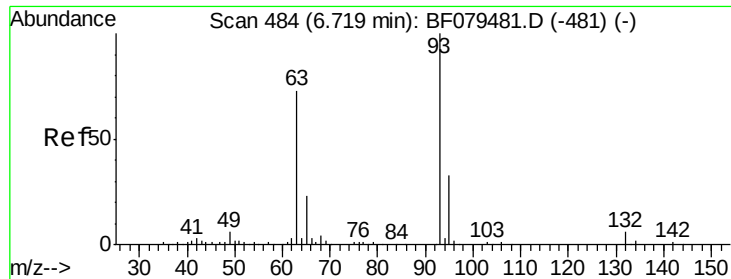
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	94	Resp:	216038
Ion Ratio	Lower	Upper	
94	100		
65	25.3	7.2	47.2
66	32.5	16.2	56.2





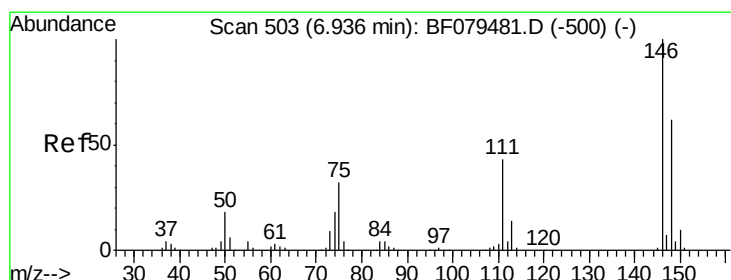
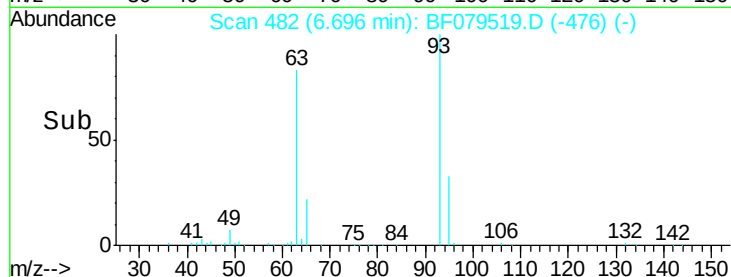
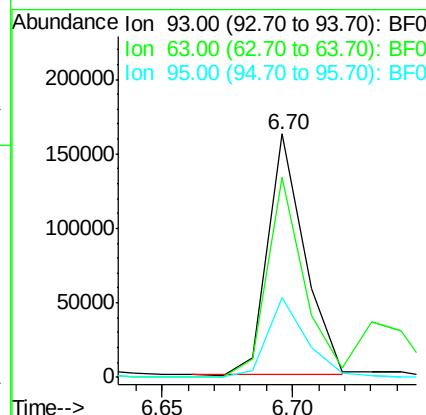
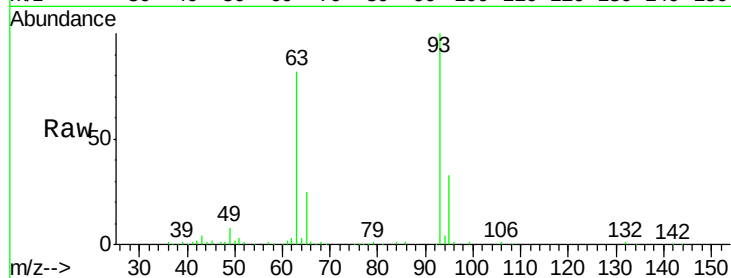
#11
bis(2-Chloroethyl)ether
Concen: 44.59 ng
RT: 6.70 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	159697		
63	82.1	51.8	91.8	
95	32.7	13.0	53.0	

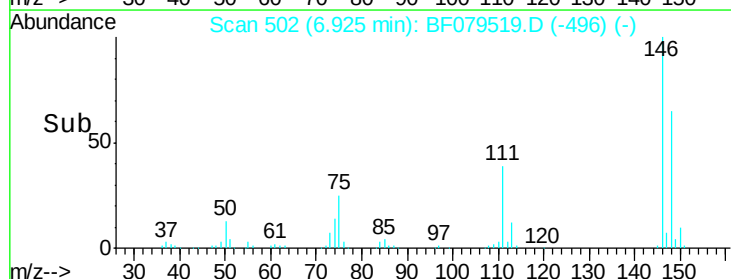
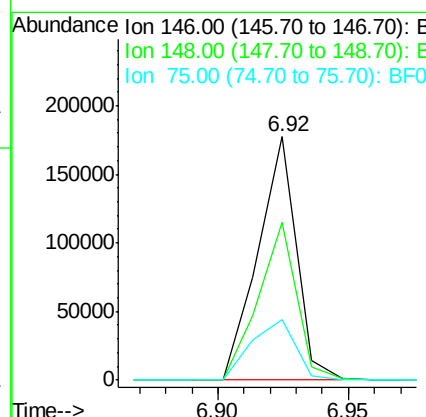
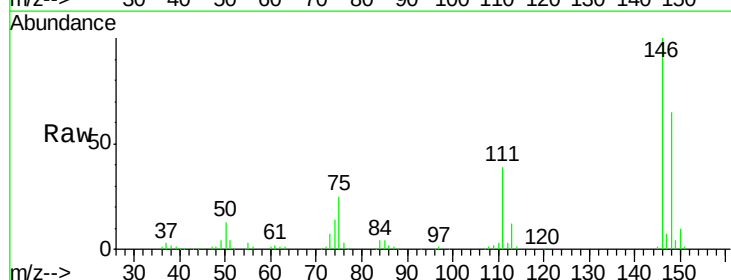
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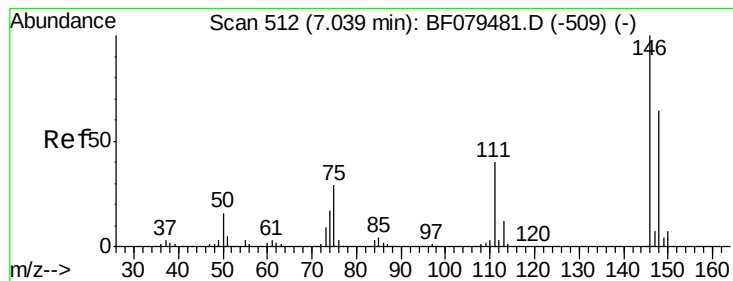
apatel
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#12
1,3-Dichlorobenzene
Concen: 43.20 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183829		
148	65.0	49.6	74.4	
75	24.7	25.9	38.9	





#13

1,4-Dichlorobenzene

Concen: 42.23 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

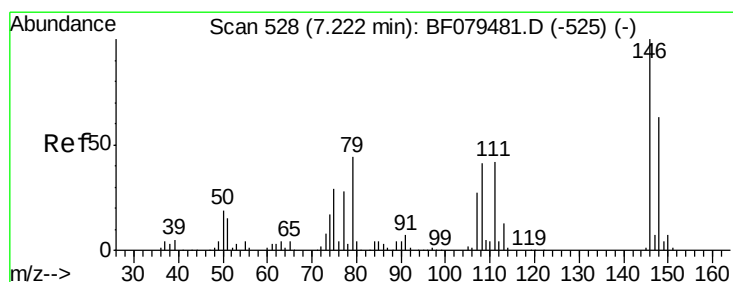
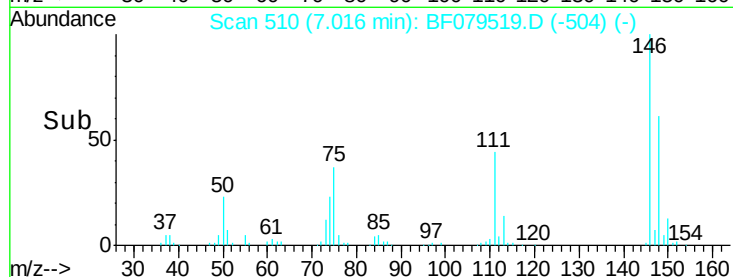
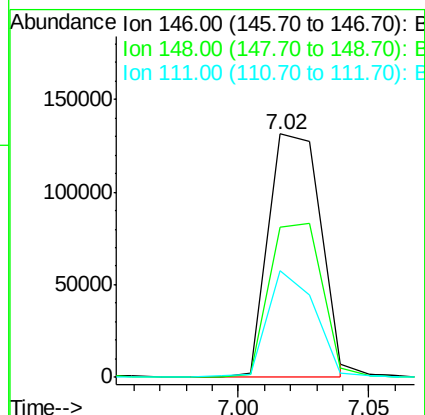
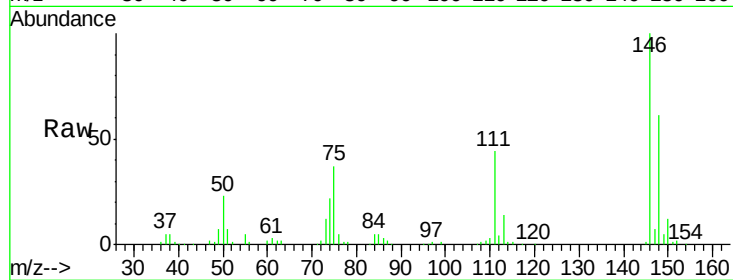
ClientSampled :

PB83614BS

Tgt Ion:	146	Resp:	183325
Ion Ratio	Lower	Upper	
146	100		
148	61.4	51.3	76.9
111	44.1	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 43.10 ng

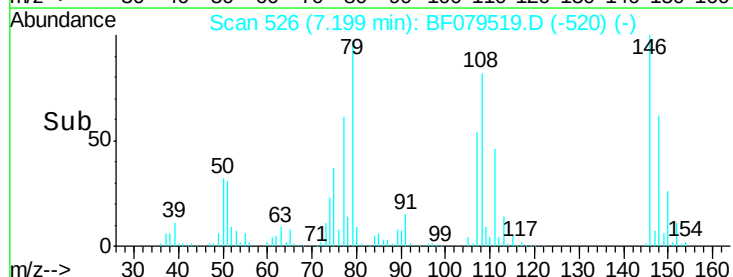
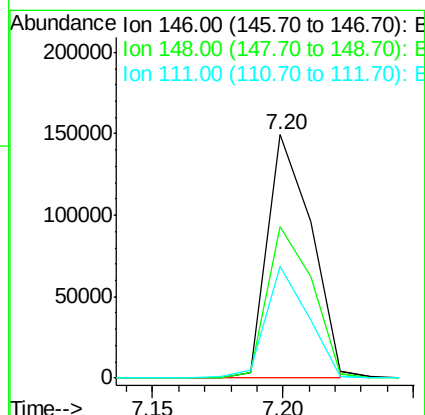
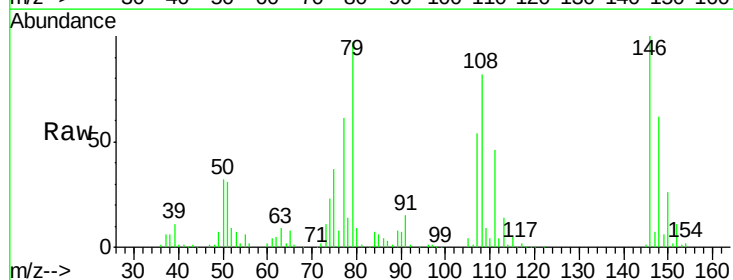
RT: 7.20 min Scan# 526

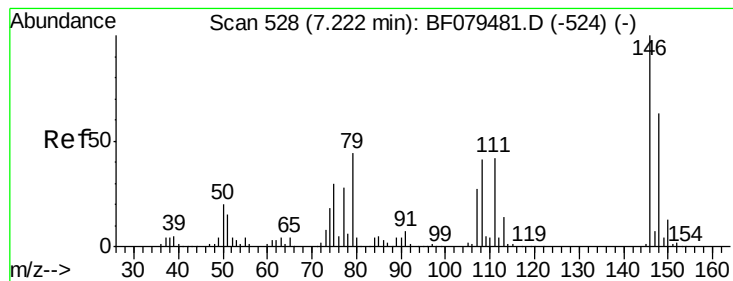
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	146	Resp:	173759
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	76.0
111	46.0	33.2	49.8





#15

Benzyl Alcohol

Concen: 47.10 ng m

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83614BS

Tgt Ion: 79 Resp: 145559

Ion Ratio Lower Upper

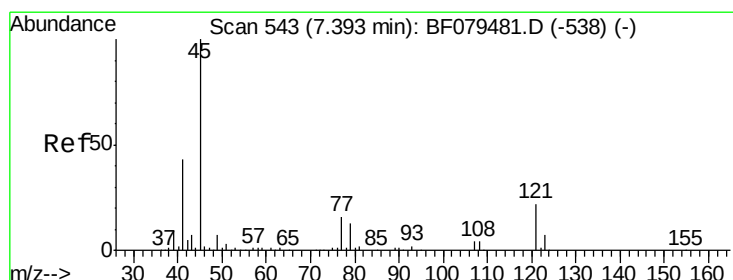
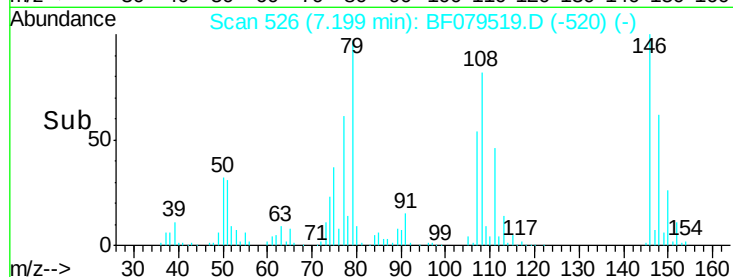
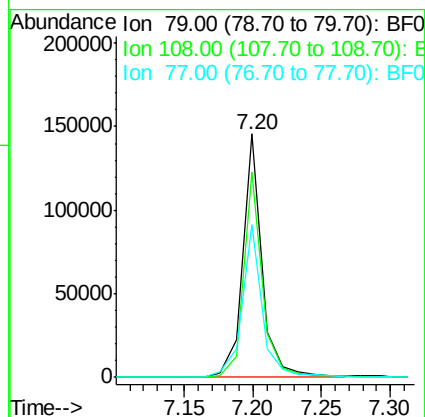
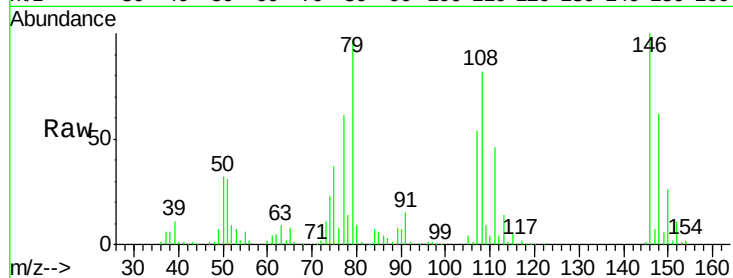
79 100

108 84.3 73.7 110.5

77 63.0 51.1 76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.40 ng

RT: 7.37 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

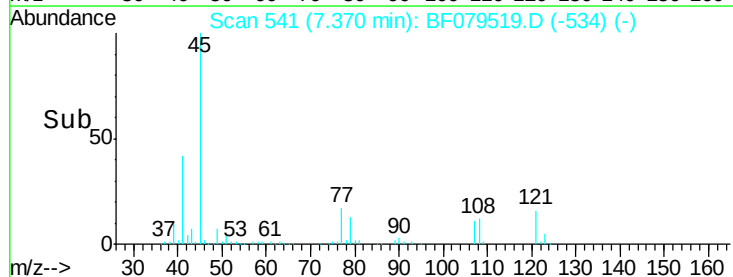
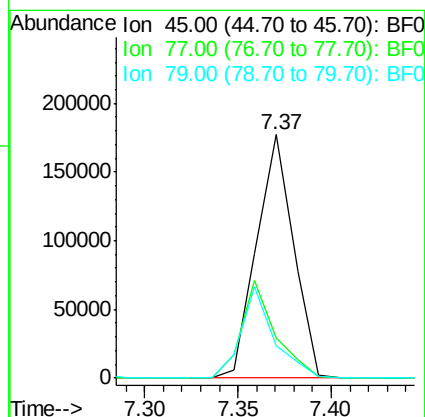
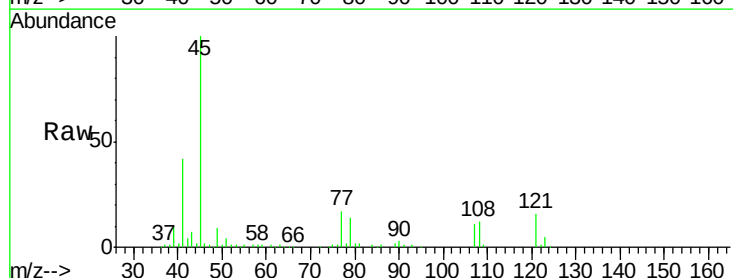
Tgt Ion: 45 Resp: 243246

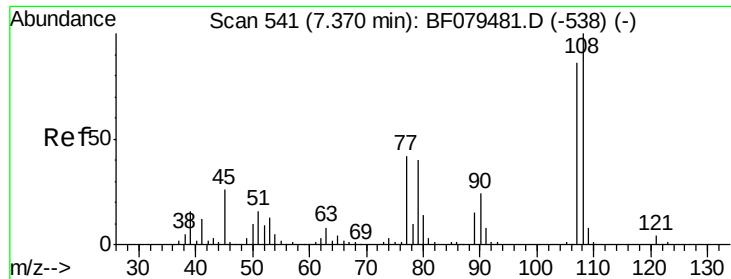
Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.5

79 13.6 0.0 32.8





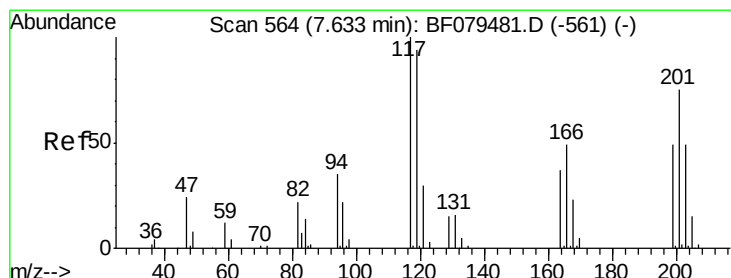
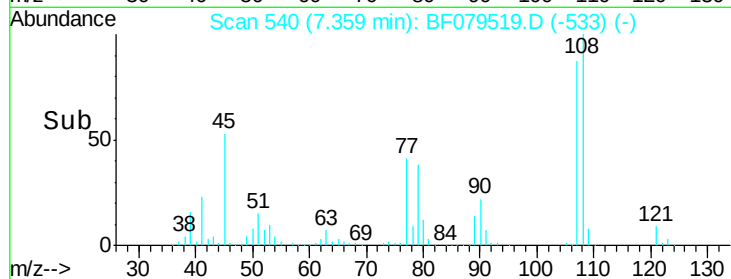
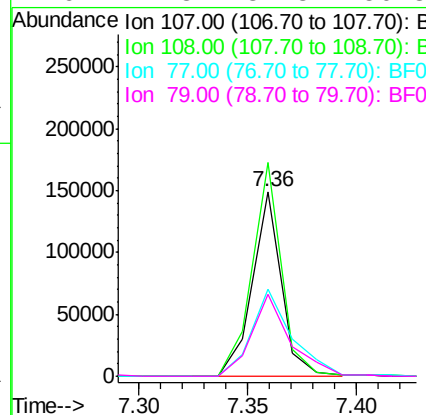
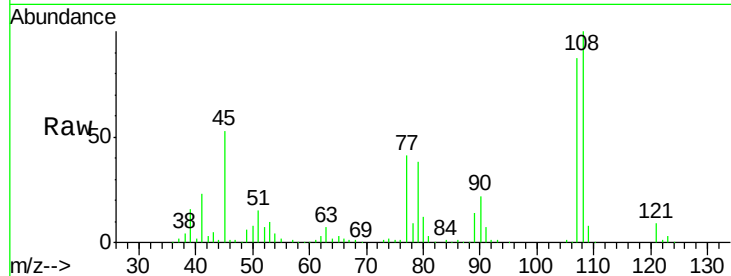
#17
2-Methylphenol
Concen: 46.09 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	139090		
108	115.5	93.1	139.7	
77	47.4	39.2	58.8	
79	44.3	37.8	56.8	

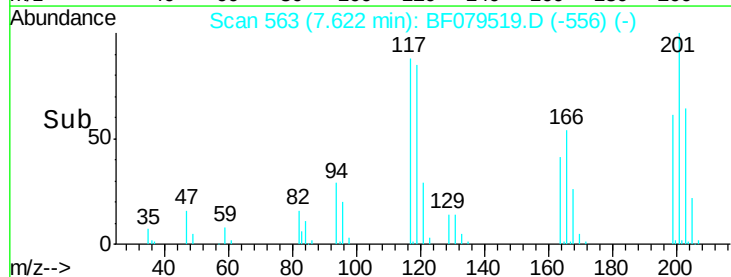
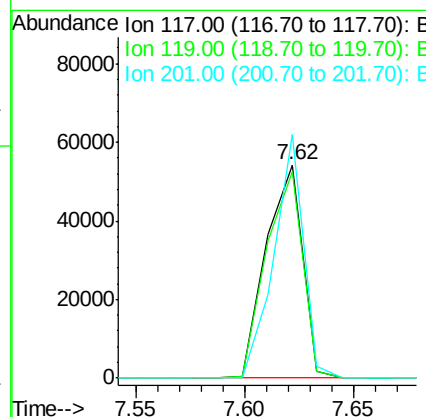
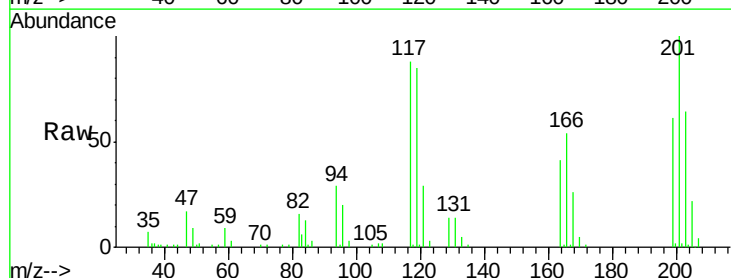
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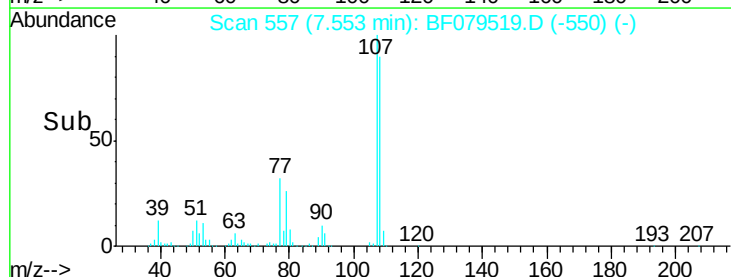
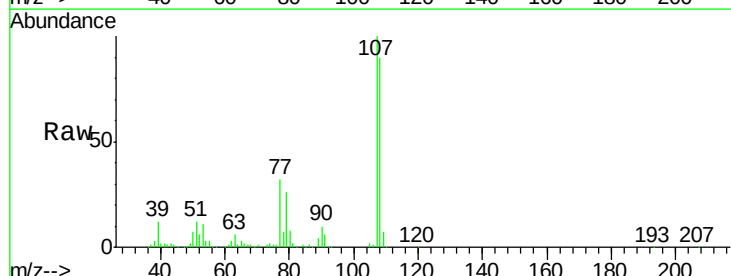
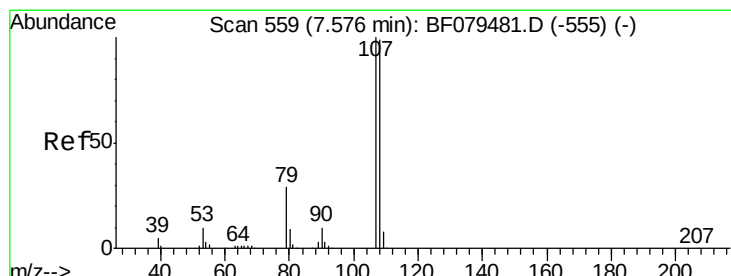
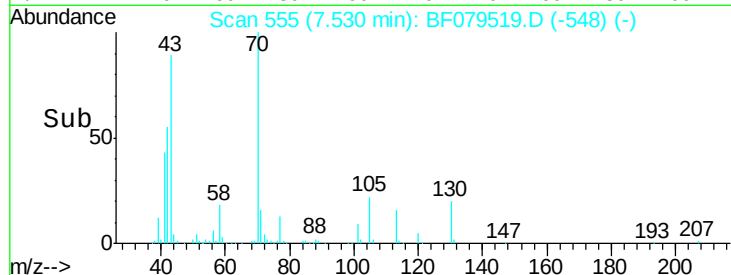
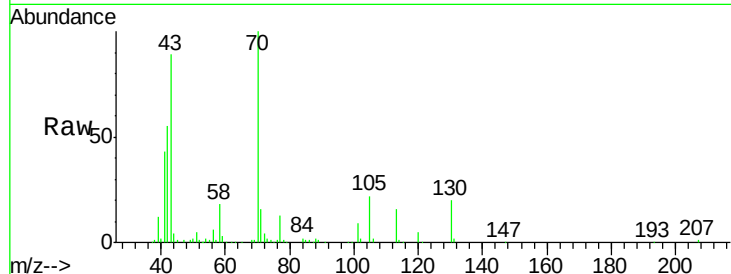
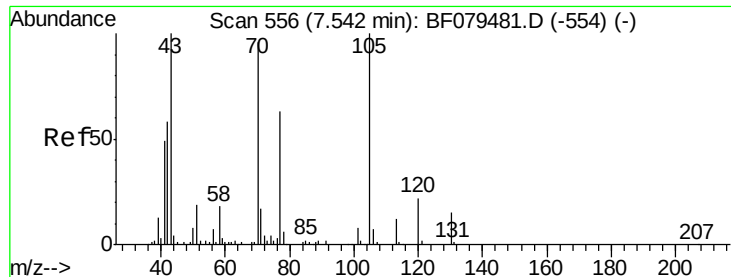
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#18
Hexachloroethane
Concen: 42.77 ng
RT: 7.62 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63903		
119	96.5	74.9	112.3	
201	114.0	60.2	90.4	





#19

n-Nitroso-di-n-propylamine

Concen: 44.88 ng

RT: 7.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83614BS

Tgt Ion: 70 Resp: 132790

Ion Ratio Lower Upper

70 100

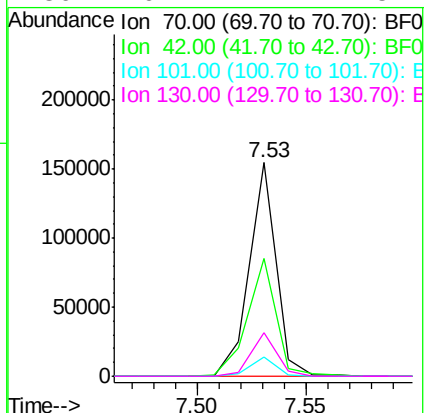
42 55.2 48.8 73.2

101 9.2 6.6 9.8

130 20.1 12.2 18.4#

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#20

3+4-Methylphenols

Concen: 44.40 ng

RT: 7.55 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion: 107 Resp: 184111

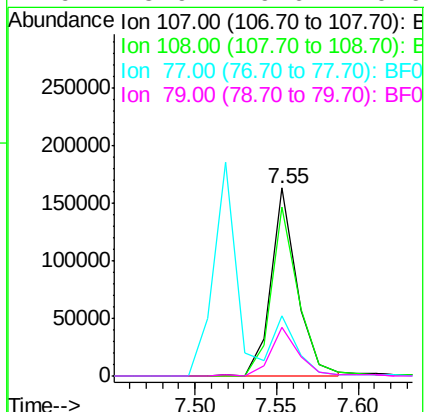
Ion Ratio Lower Upper

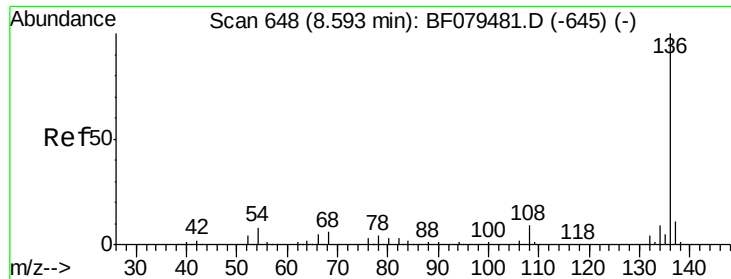
107 100

108 89.9 77.7 117.7

77 32.0 11.4 51.4

79 25.9 9.6 49.6





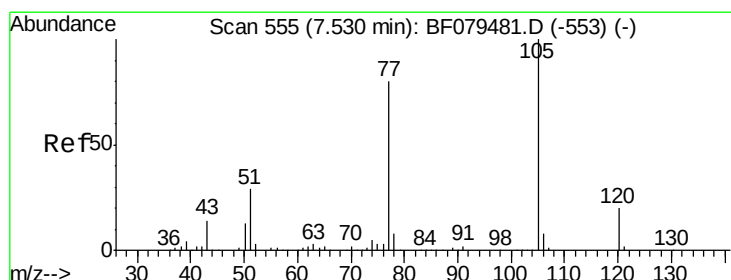
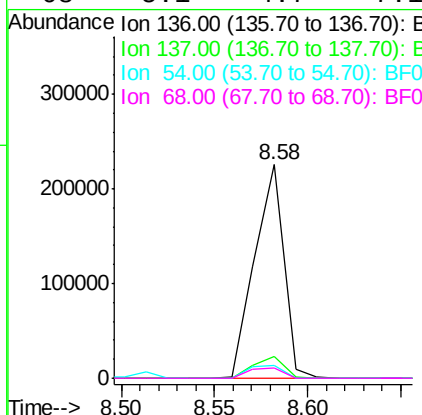
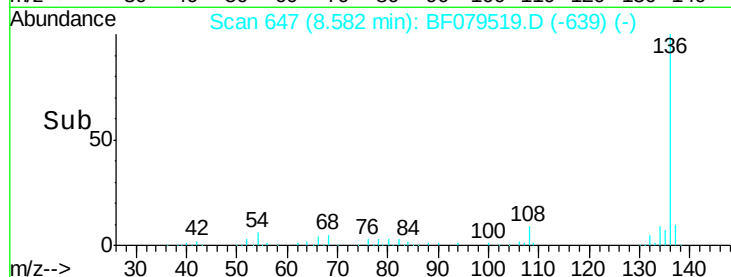
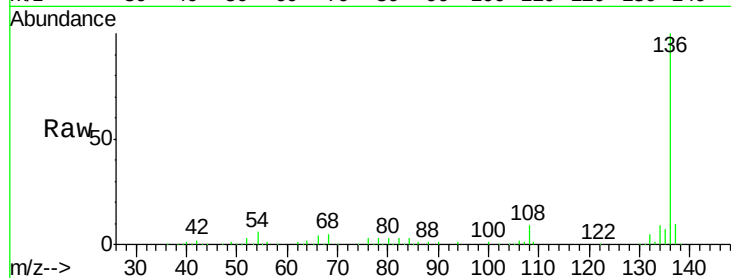
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	243162		
137	10.2	8.5	12.7	
54	6.0	6.6	9.8#	
68	5.1	4.7	7.1	

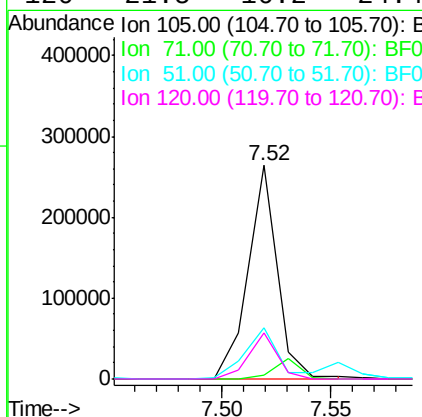
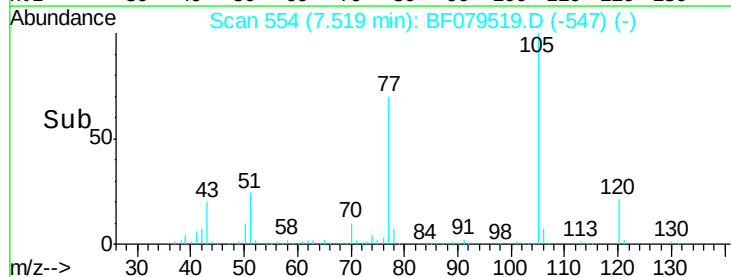
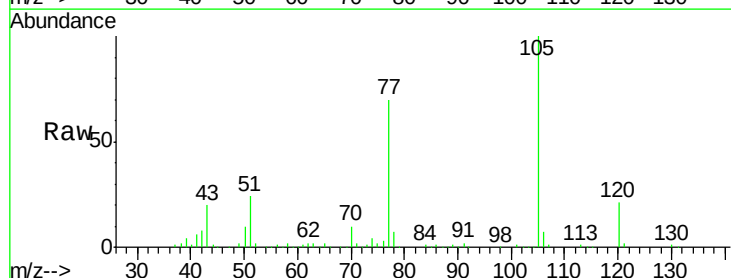
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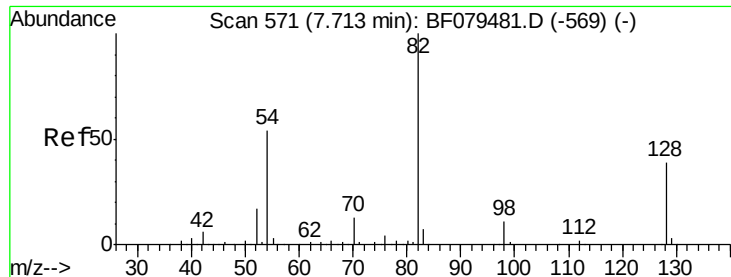
apatel
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#22
Acetophenone
Concen: 45.54 ng
RT: 7.52 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248115		
71	1.7	0.2	0.4#	
51	24.2	23.7	35.5	
120	21.5	16.2	24.4	





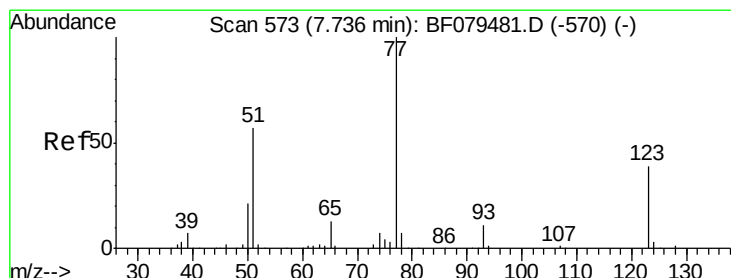
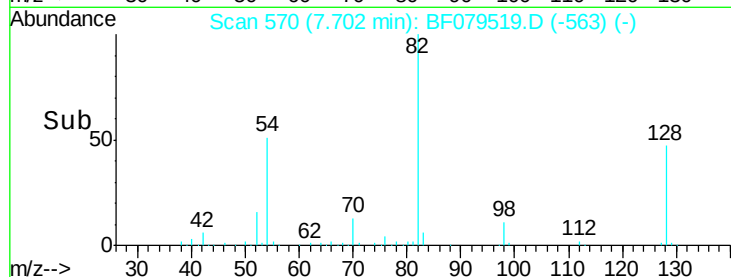
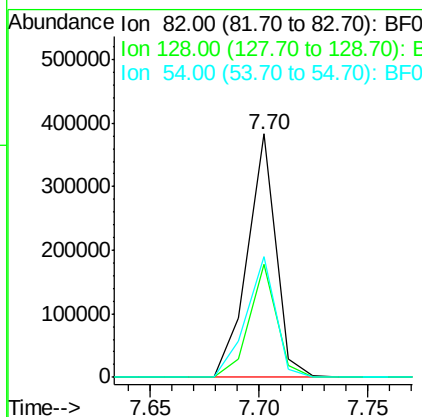
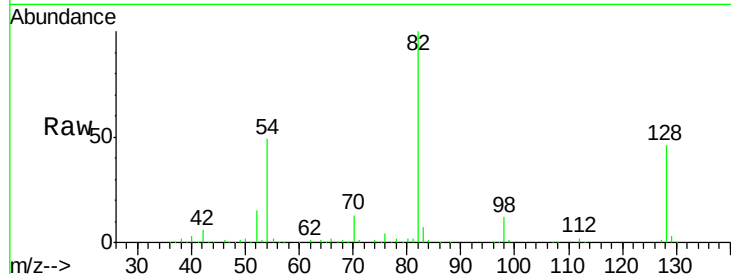
#23
 Nitrobenzene-d5
 Concen: 83.06 ng
 RT: 7.70 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleID :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	349379		
128	46.3	30.8	46.2#	
54	49.4	42.8	64.2	

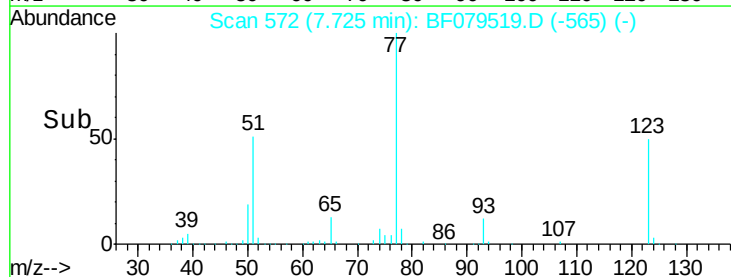
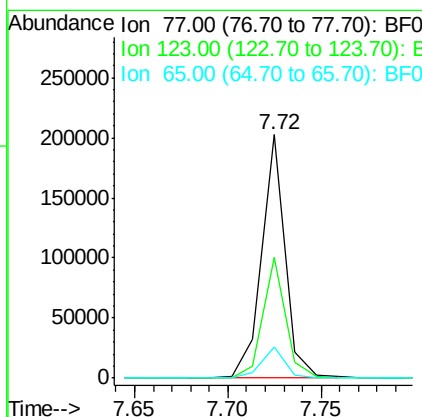
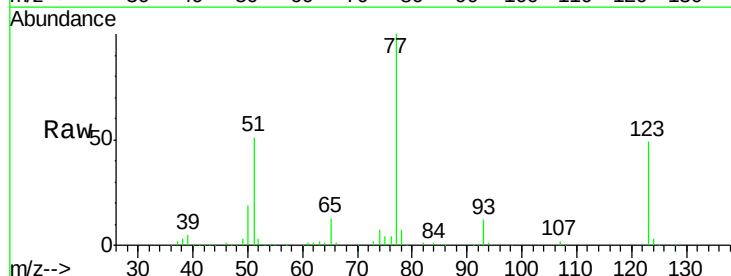
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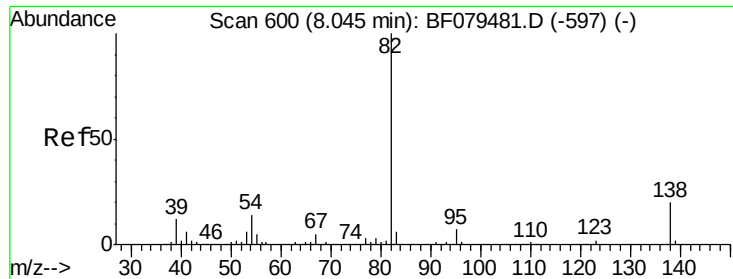
apatel
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#24
 Nitrobenzene
 Concen: 43.35 ng
 RT: 7.72 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	179722		
123	49.4	31.0	46.4#	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 43.54 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

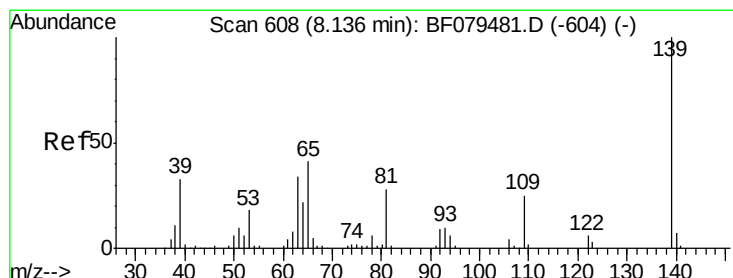
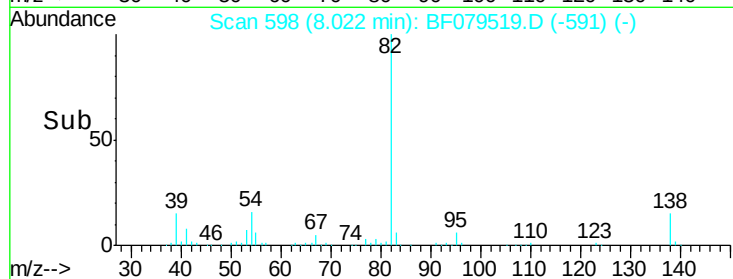
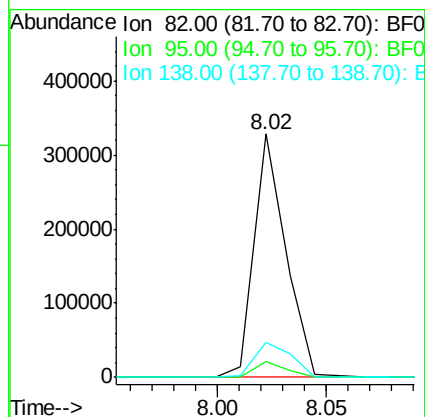
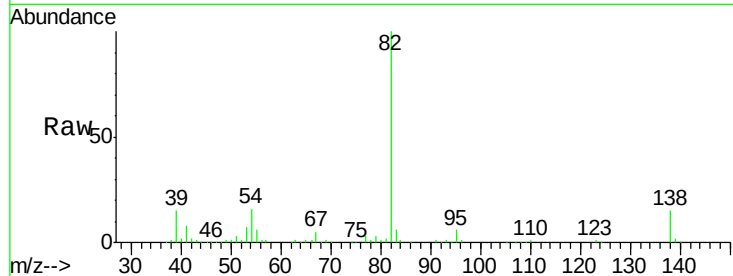
ClientSampleId :

PB83614BS

Tgt Ion:	82	Resp:	333831
Ion Ratio		Lower	Upper
82	100		
95	6.4	5.5	8.3
138	14.6	16.1	24.1#

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#26

2-Nitrophenol

Concen: 43.59 ng

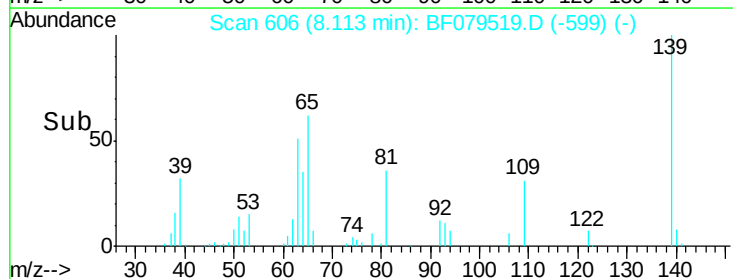
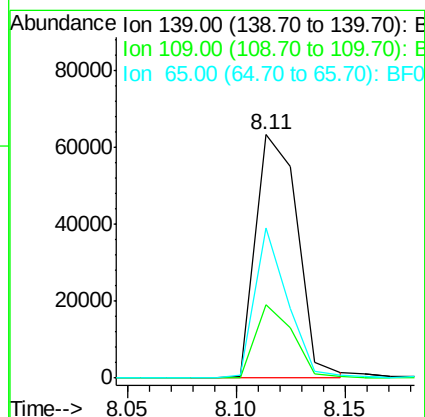
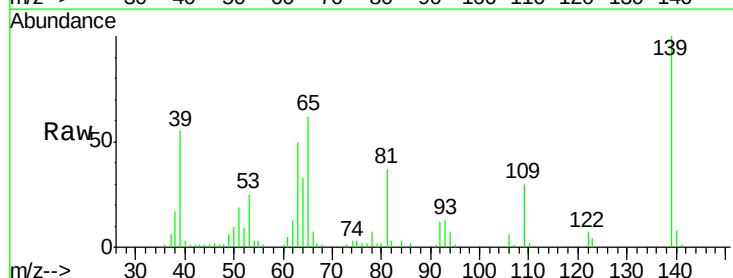
RT: 8.11 min Scan# 606

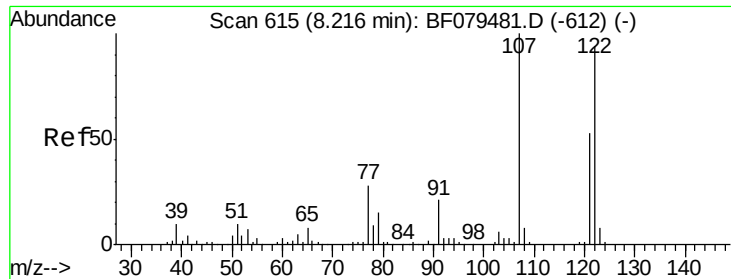
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	139	Resp:	85565
Ion Ratio		Lower	Upper
139	100		
109	30.3	20.2	30.2#
65	61.5	32.5	48.7#





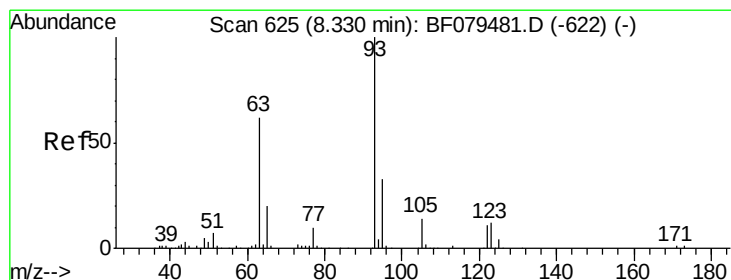
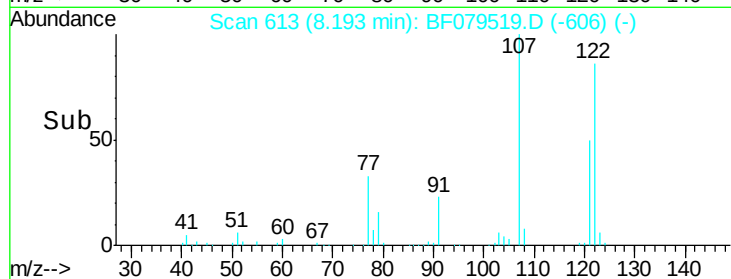
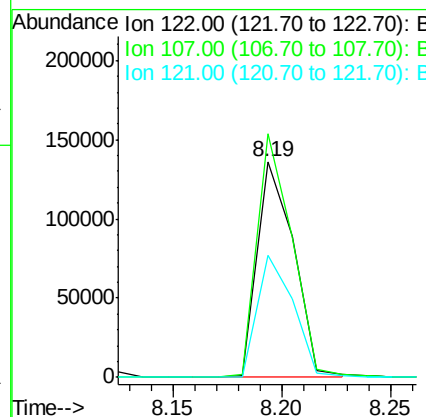
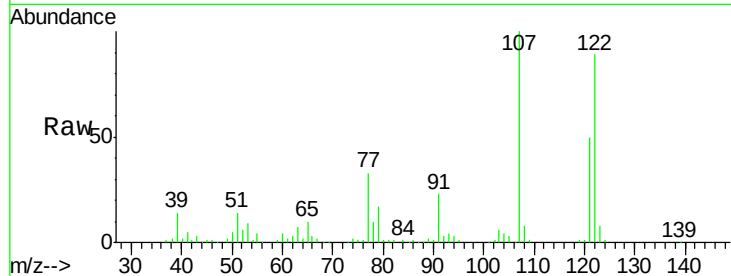
#27
 2,4-Dimethylphenol
 Concen: 45.22 ng
 RT: 8.19 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	159562		
107	112.7	85.2	127.8	
121	56.3	45.2	67.8	

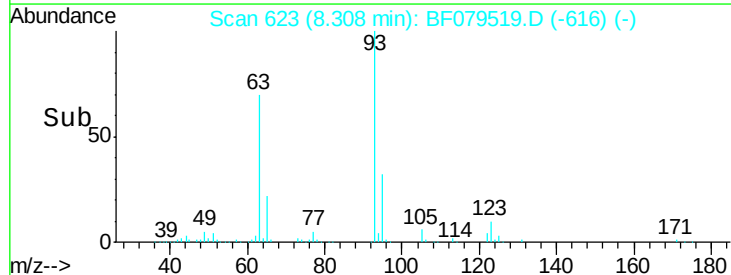
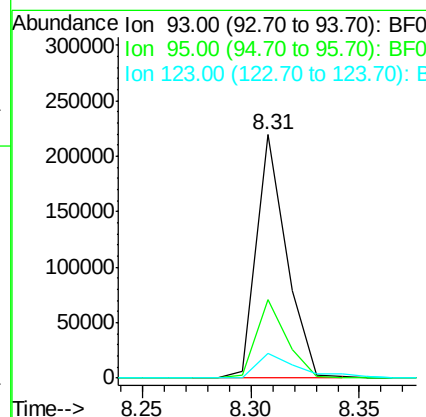
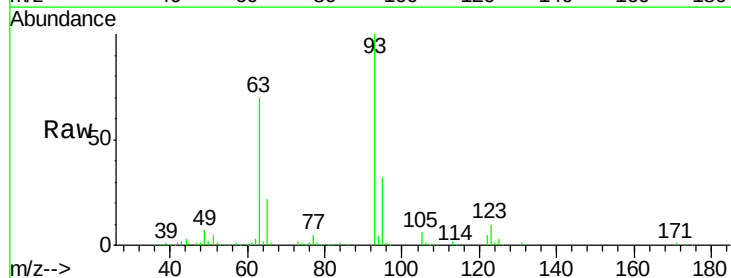
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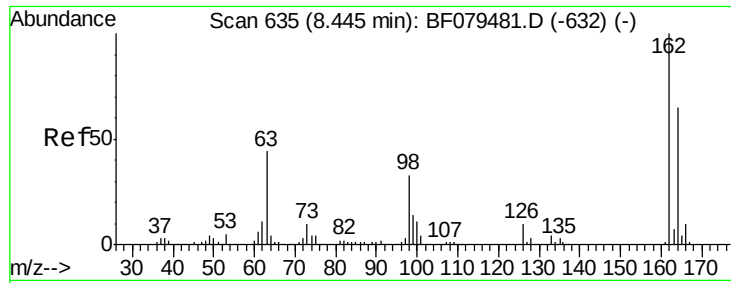
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.49 ng
 RT: 8.31 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211439		
95	32.2	26.6	39.8	
123	10.1	9.4	14.0	





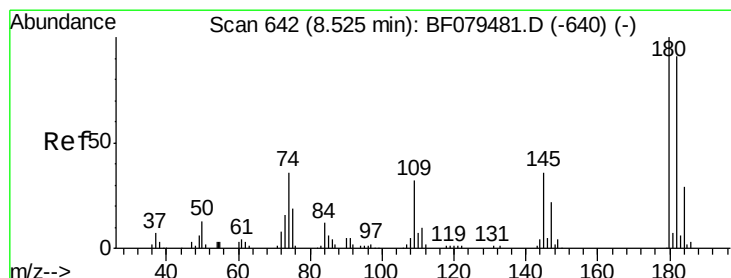
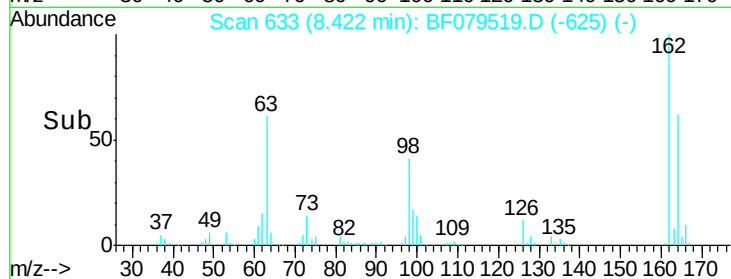
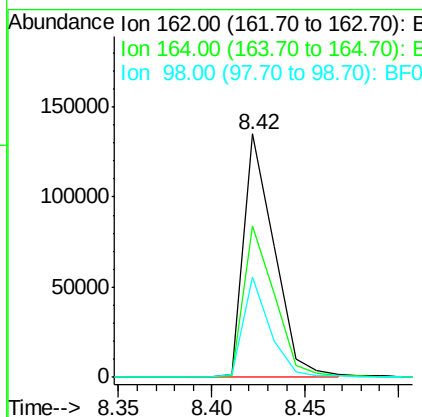
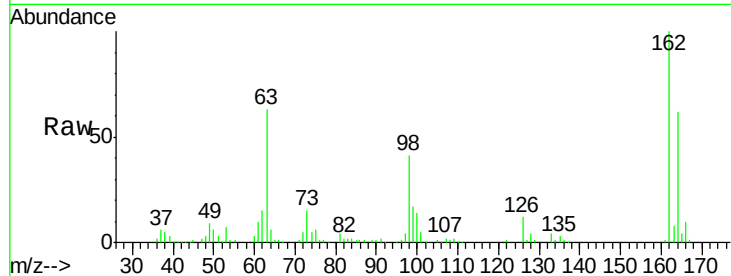
#29
2,4-Dichlorophenol
Concen: 47.78 ng
RT: 8.42 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	45.0	85.0
98	41.1	13.2	53.2

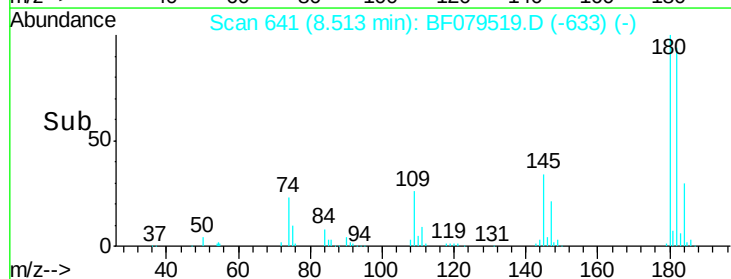
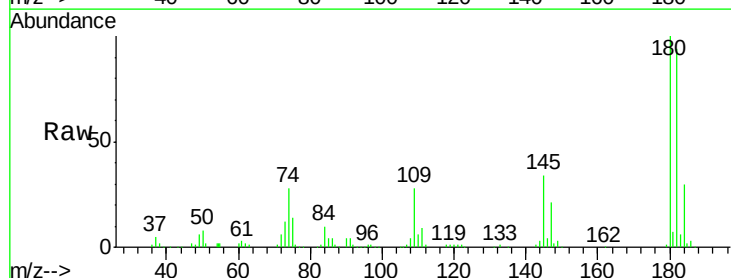
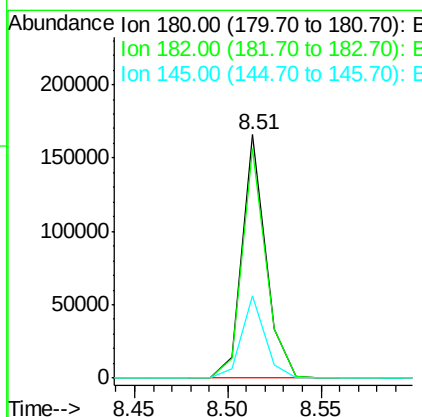
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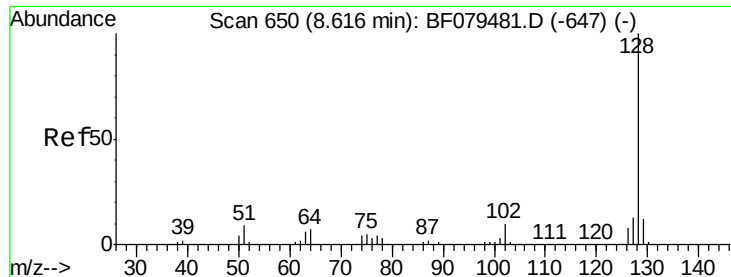
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#30
1,2,4-Trichlorobenzene
Concen: 44.01 ng
RT: 8.51 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.3	73.2	109.8
145	33.6	28.9	43.3





#31

Naphthalene

Concen: 43.86 ng

RT: 8.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

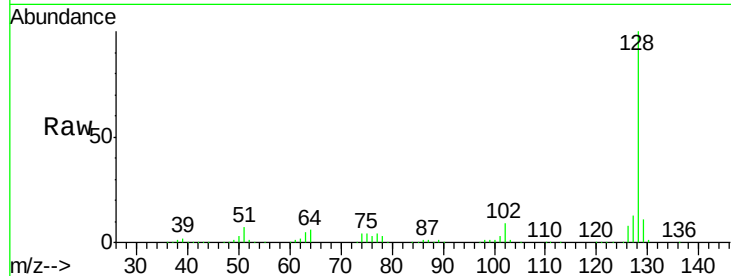
ClientSampleId :

PB83614BS

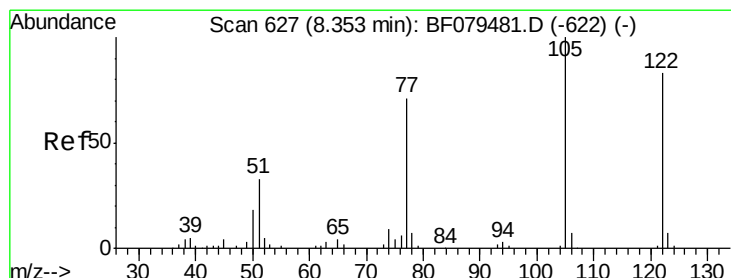
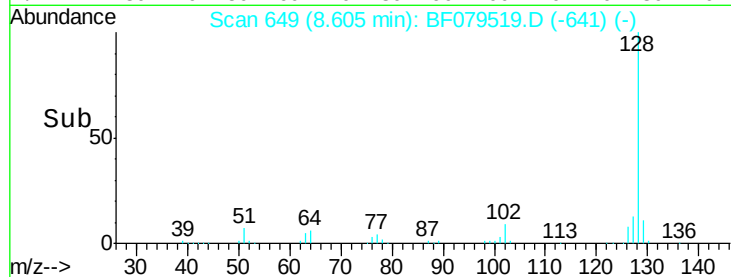
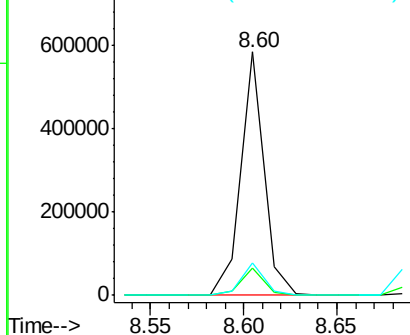
Tgt Ion:	128	Resp:	511843
Ion Ratio		Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	10.6	15.8

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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: 45.92 ng m

RT: 8.34 min Scan# 626

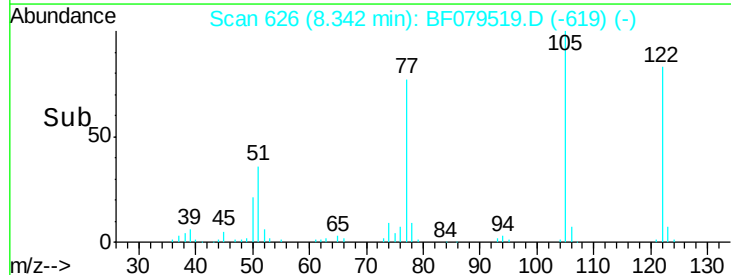
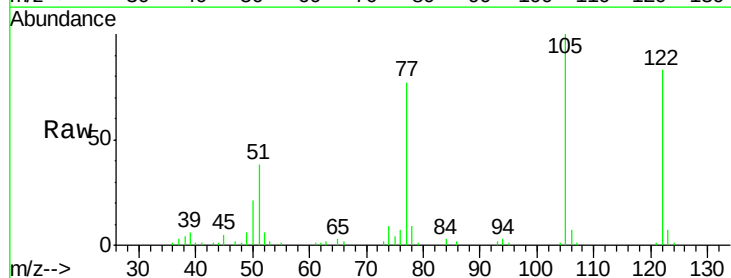
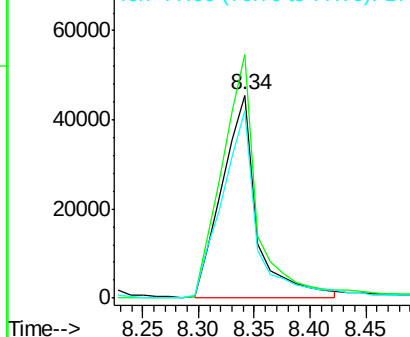
Delta R.T. 0.00 min

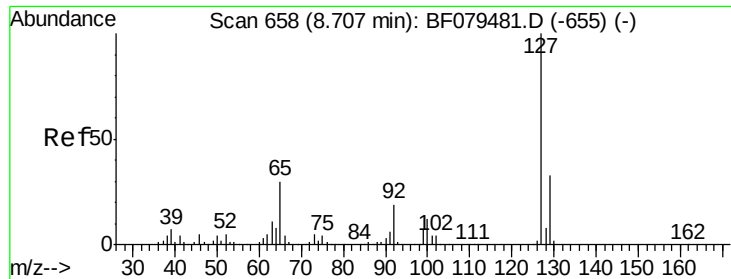
Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	122	Resp:	100543
Ion Ratio		Lower	Upper
122	100		
105	120.0	100.2	140.2
77	92.6	64.8	104.8

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





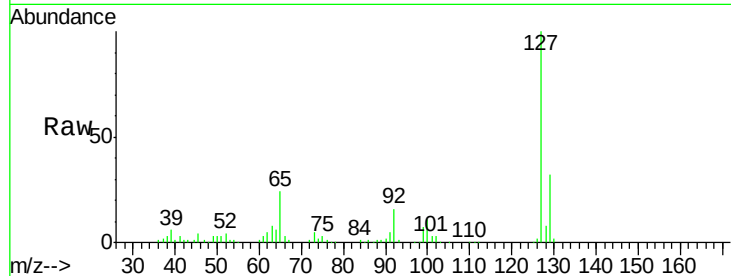
#33
4-Chloroaniline
Concen: 30.47 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

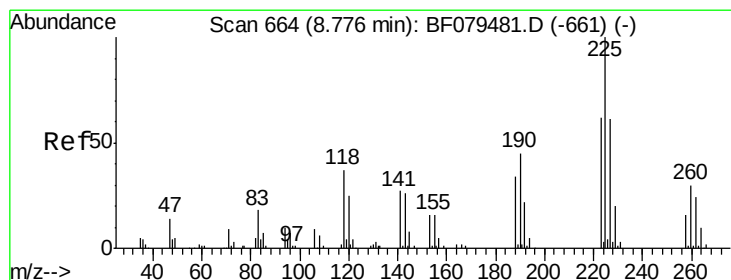
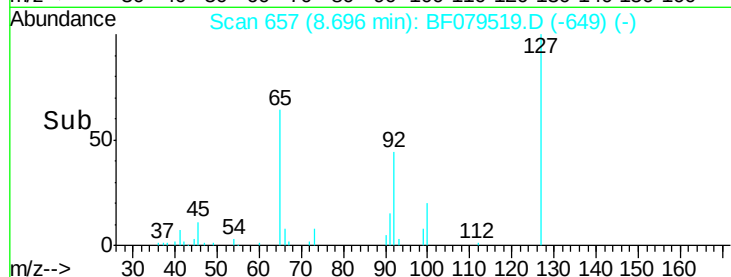
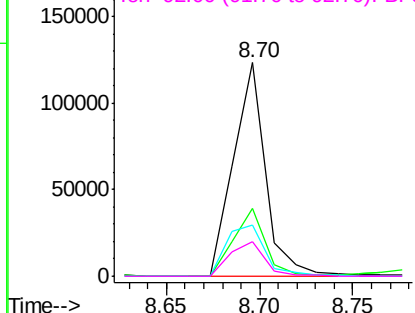
Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	26.2	39.2
65	23.8	24.2	36.4
92	16.2	15.4	23.0

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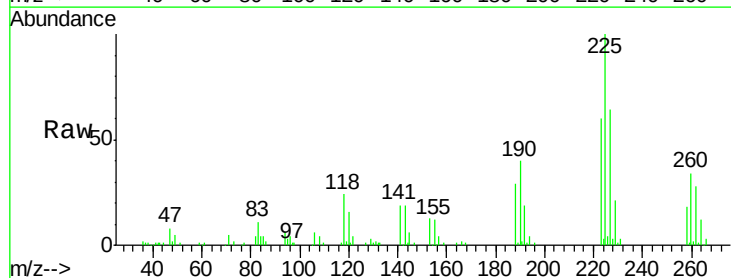


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

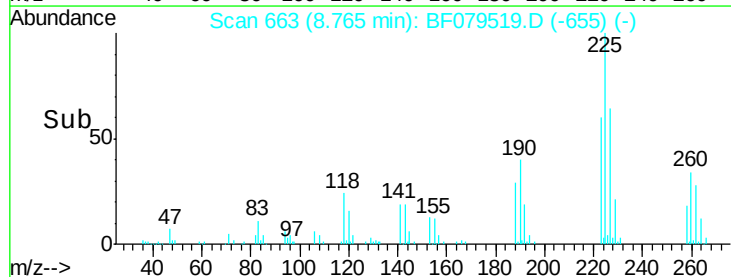
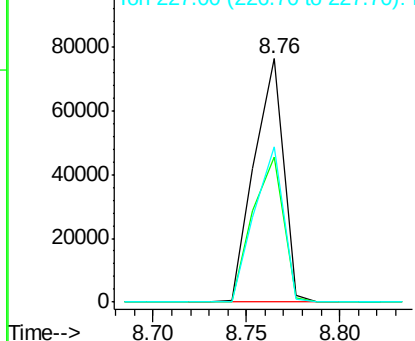


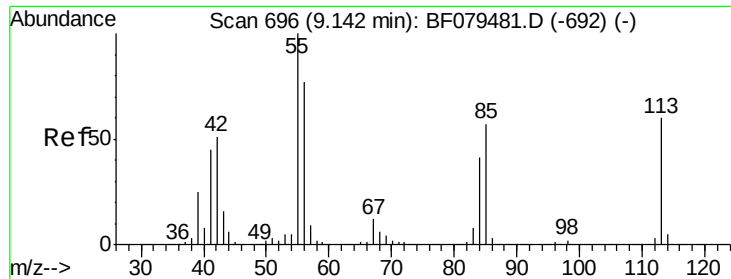
#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	59.7	49.9	74.9
227	63.7	48.9	73.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.66 ng m

RT: 9.12 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

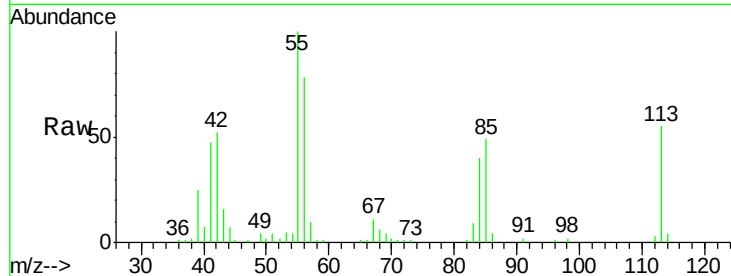
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Tgt Ion:113 Resp: 48576

Ion	Ratio	Lower	Upper
113	100		
55	182.9	147.2	187.2
56	143.3	108.6	148.6

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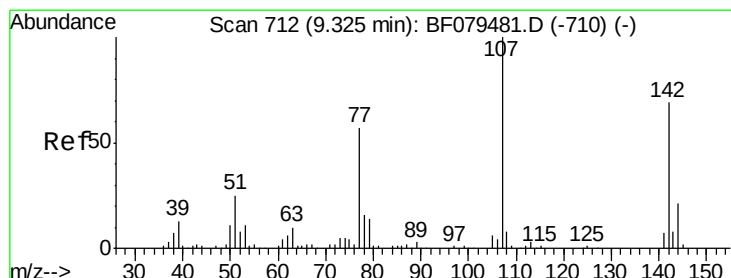
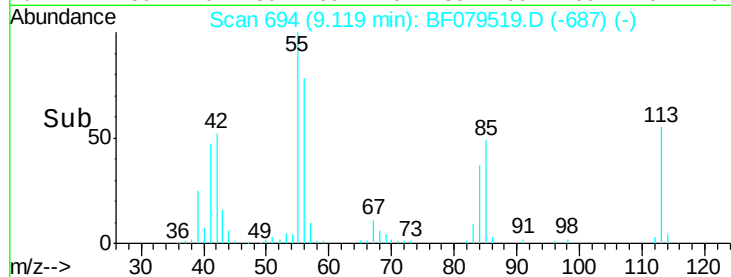
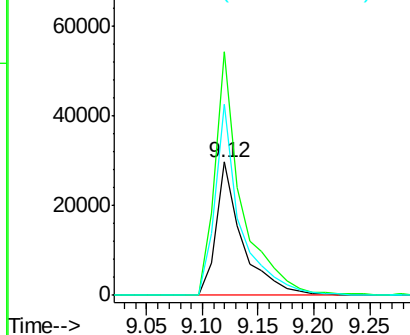
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.00 ng

RT: 9.31 min Scan# 711

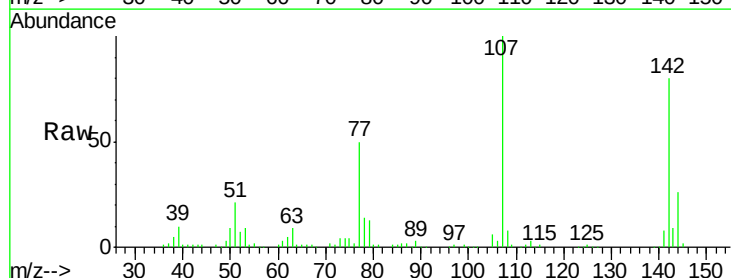
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:107 Resp: 164250

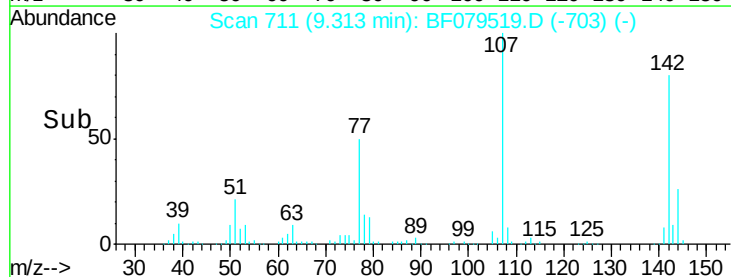
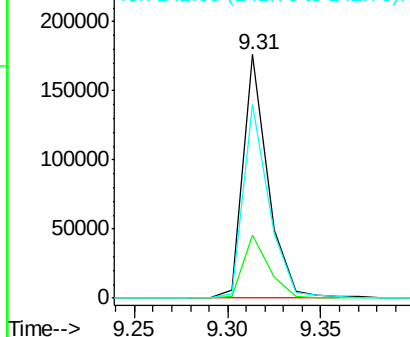
Ion	Ratio	Lower	Upper
107	100		
144	26.0	16.9	25.3#
142	79.8	55.2	82.8

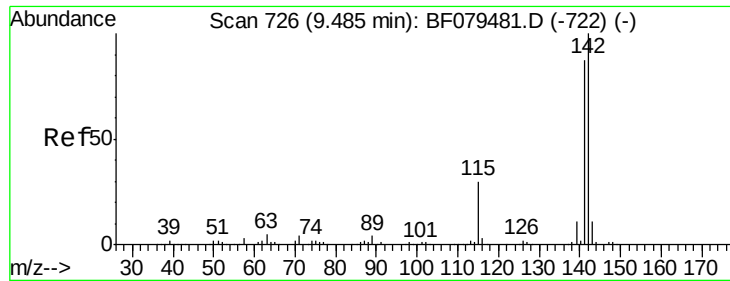


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.98 ng

RT: 9.46 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF079519.D

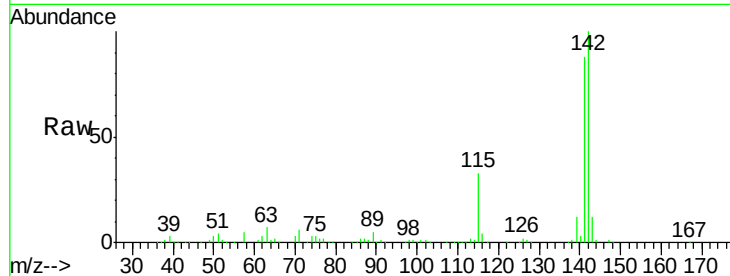
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleID :

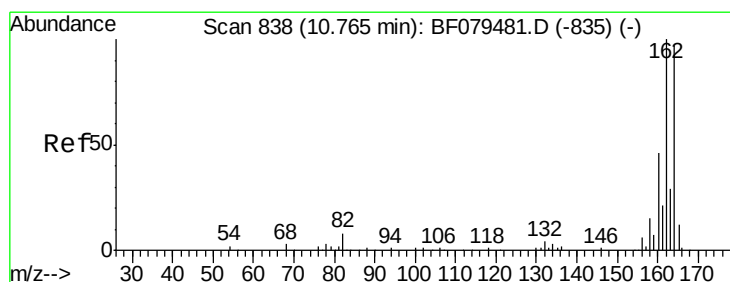
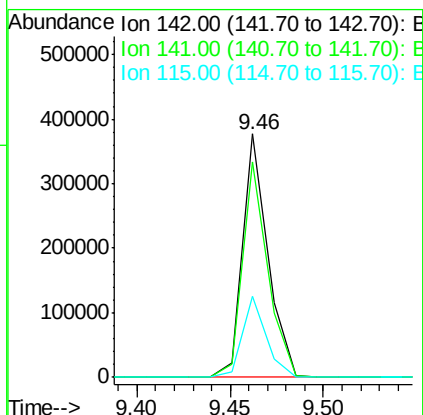
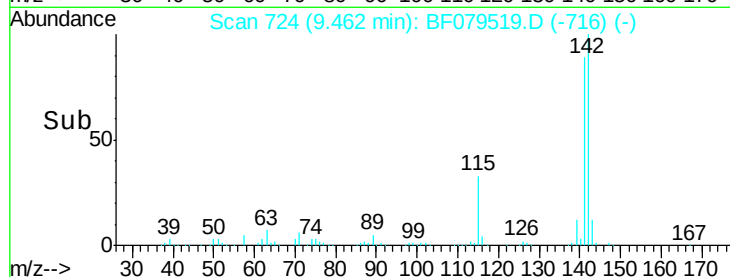
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Tgt Ion:	142	Resp:	356317
Ion Ratio	Lower	Upper	
142	100		
141	88.5	69.5	104.3
115	33.3	23.8	35.6

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#38

Acenaphthene-d10

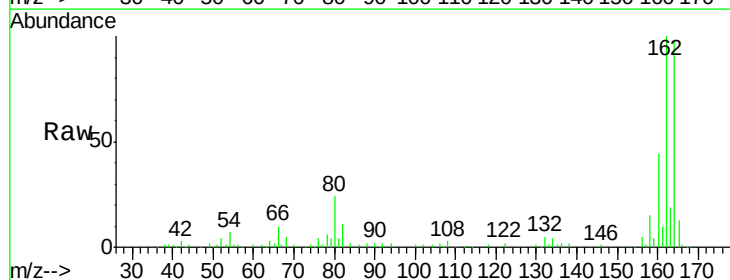
Concen: 20.00 ng

RT: 10.74 min Scan# 836

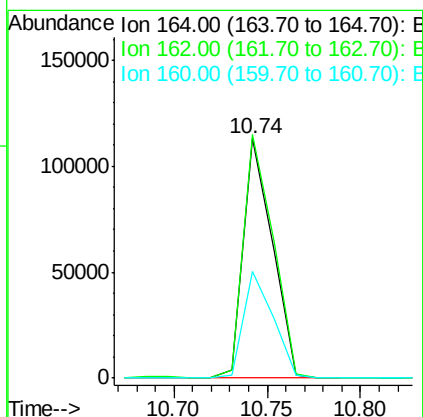
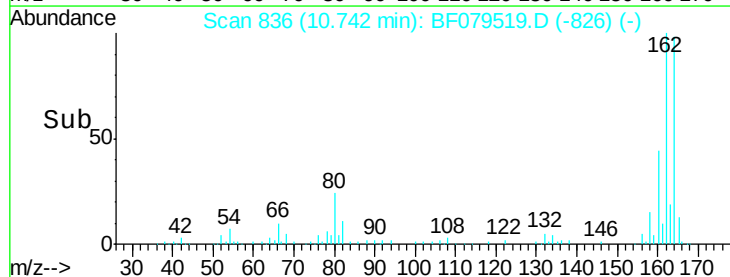
Delta R.T. 0.00 min

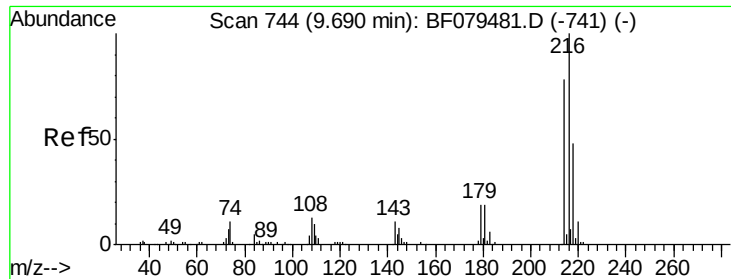
Lab File: BF079519.D

Acq: 27 May 2015 15:23



Tgt Ion:	164	Resp:	122174
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	124.0
160	44.3	37.7	56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.90 ng

RT: 9.67 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF079519.D

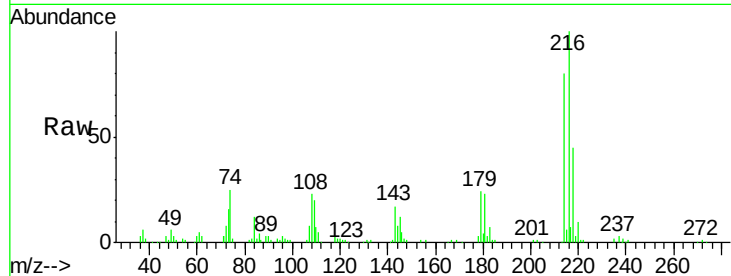
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83614BS



Tgt Ion:216 Resp: 143176

Ion Ratio Lower Upper

216 100

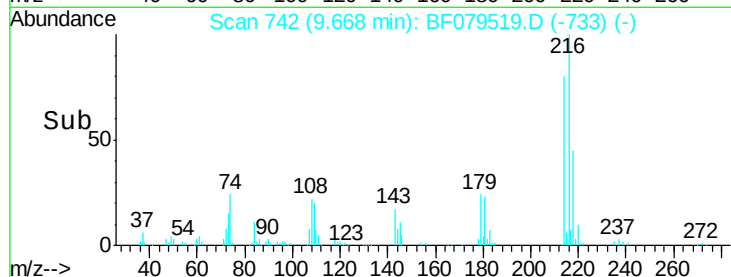
214 78.6 0.0 0.0#

179 22.0 0.0 0.0#

108 21.9 0.0 0.0#

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Abundance Ion 216.00 (215.70 to 216.70): E

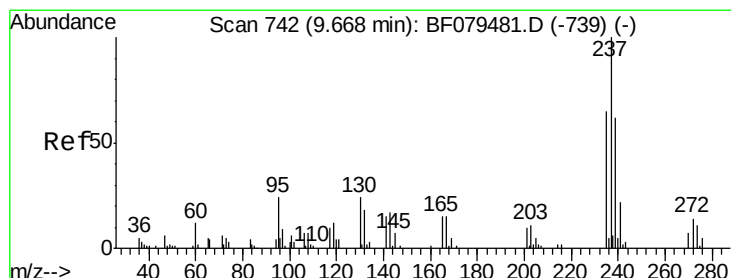
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

9.60 9.65 9.70



#40

Hexachlorocyclopentadiene

Concen: 82.92 ng

RT: 9.66 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

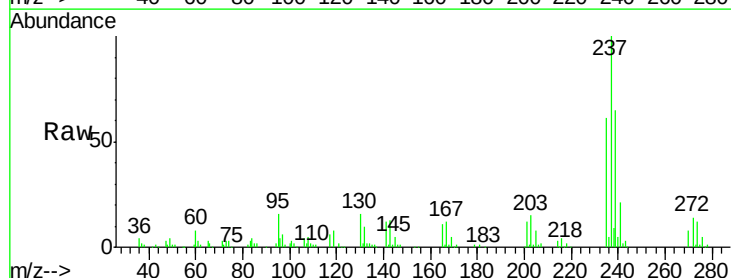
Tgt Ion:237 Resp: 90756

Ion Ratio Lower Upper

237 100

235 61.2 45.0 85.0

272 13.8 0.0 33.9



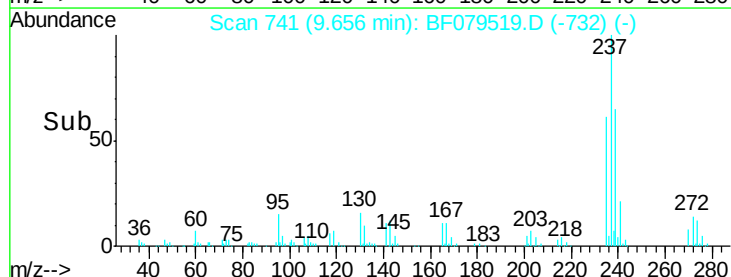
Abundance Ion 236.80 (236.50 to 237.50): E

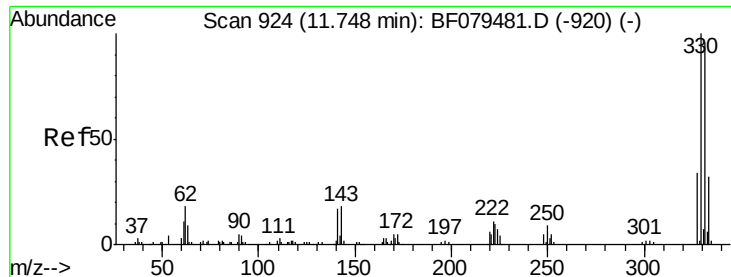
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

9.60 9.65 9.70





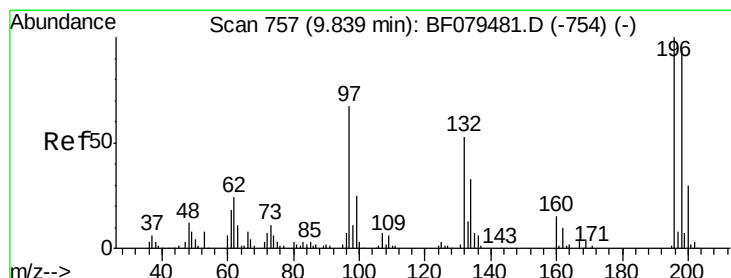
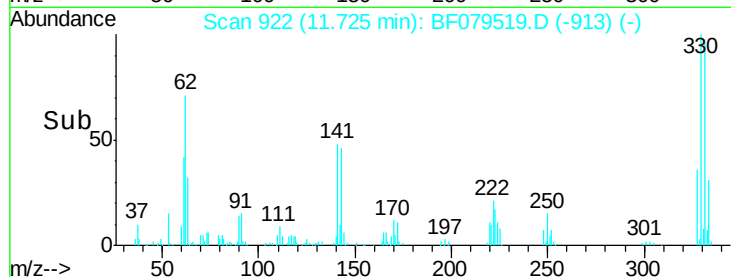
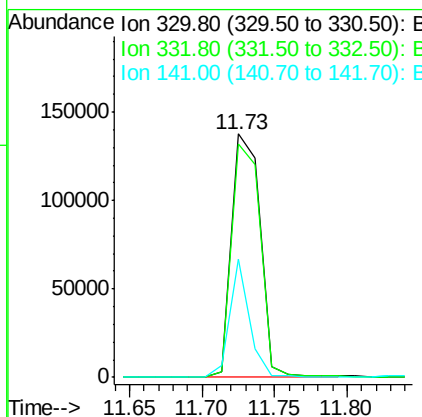
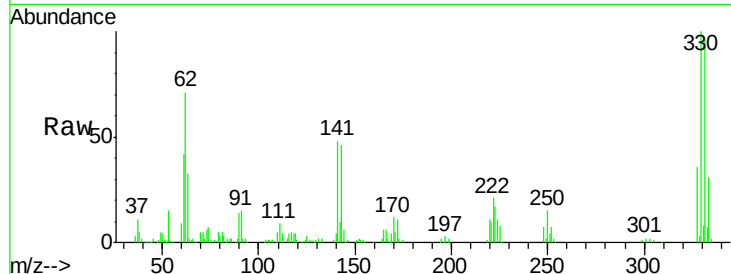
#41
 2,4,6-Tribromophenol
 Concen: 140.56 ng
 RT: 11.73 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	0.0	0.0#
141	33.5	0.0	0.0#

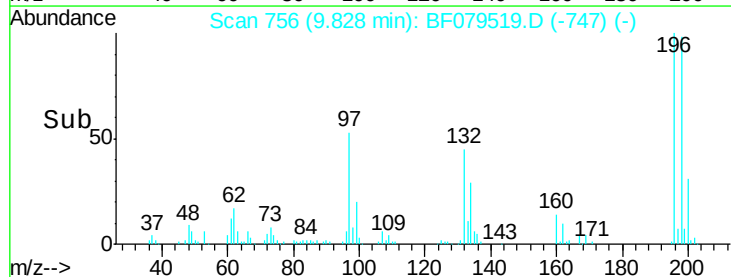
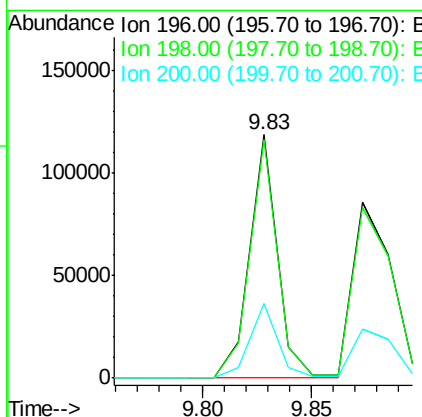
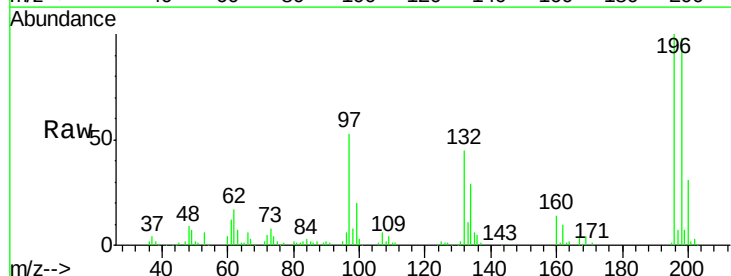
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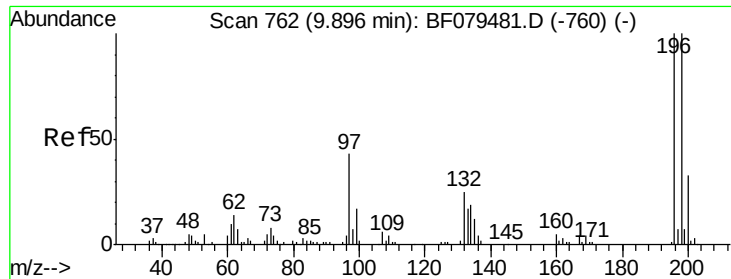
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#42
 2,4,6-Trichlorophenol
 Concen: 44.44 ng
 RT: 9.83 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

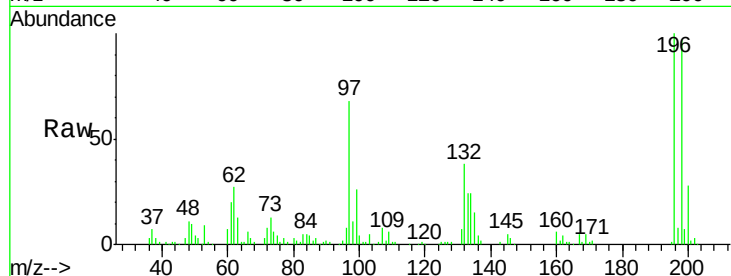
Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	98.2	75.3	112.9
200	30.6	23.8	35.8





#43
 2,4,5-Trichlorophenol
 Concen: 44.57 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

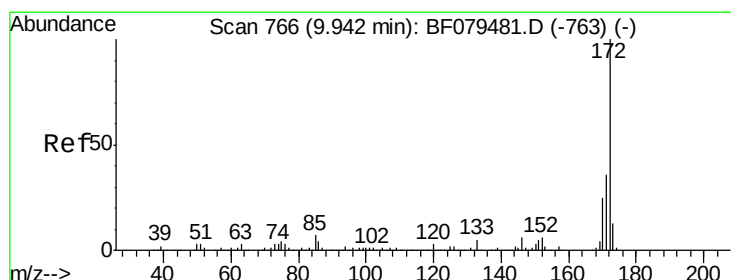
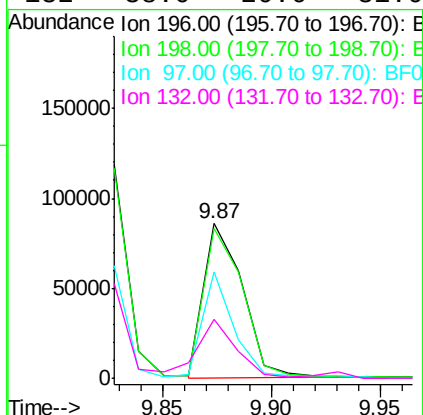
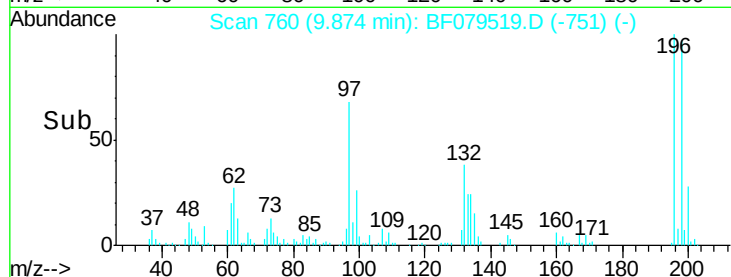
Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105871		
198	97.1	80.3	120.5	
97	68.4	34.8	52.2#	
132	38.0	20.6	31.0#	

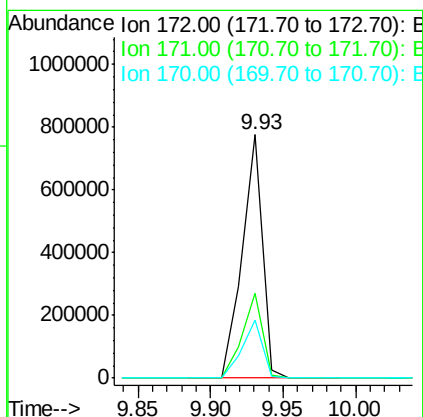
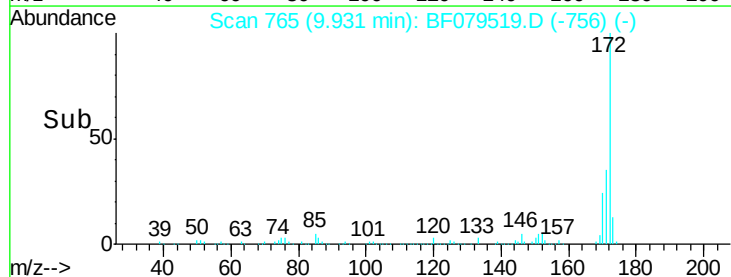
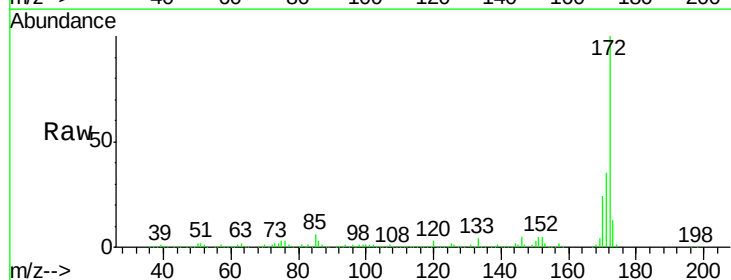
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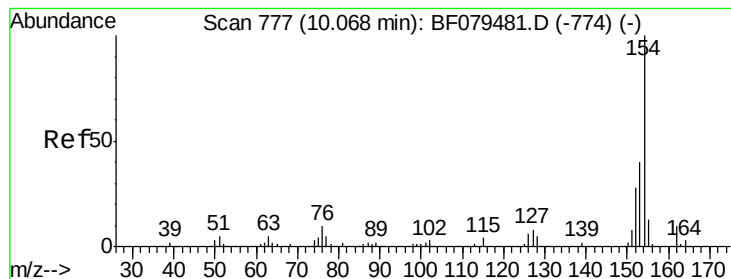
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#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

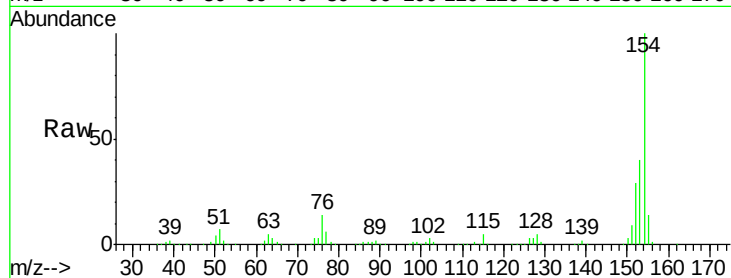
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	753221		
171	35.0	28.5	42.7	
170	24.0	19.7	29.5	





#45
 1,1'-Biphenyl
 Concen: 44.31 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

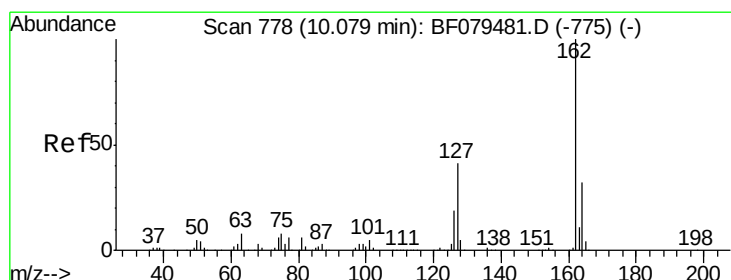
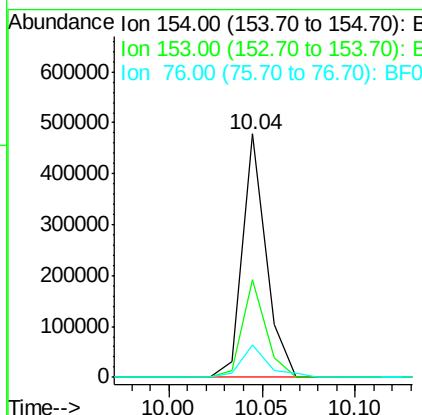
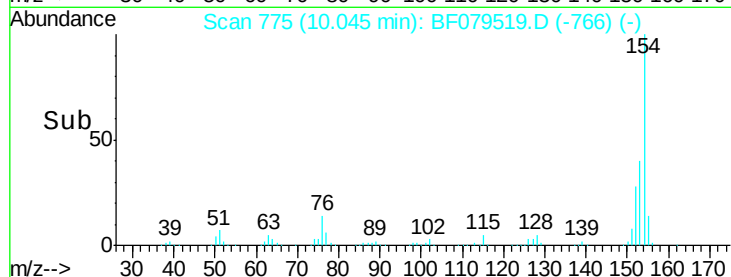
Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS



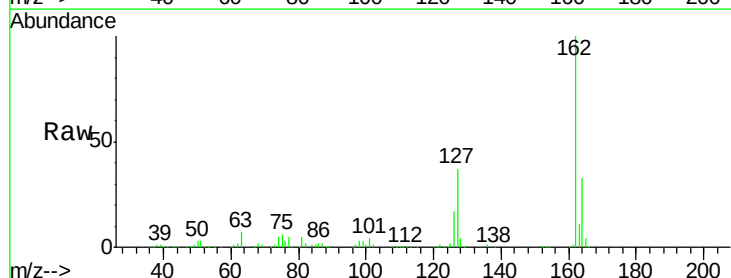
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.5	59.5
76	13.5	0.0	29.6

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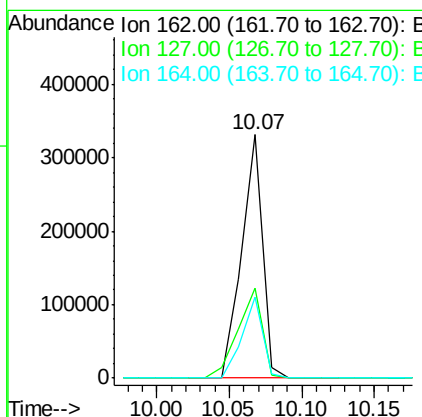
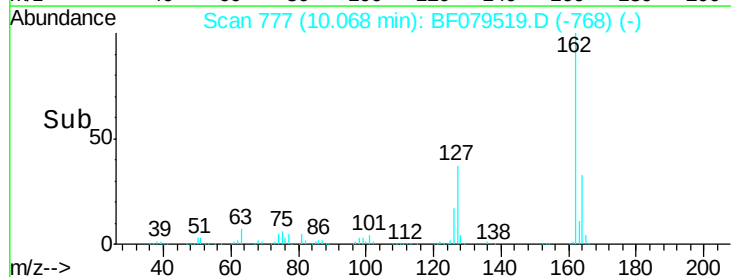
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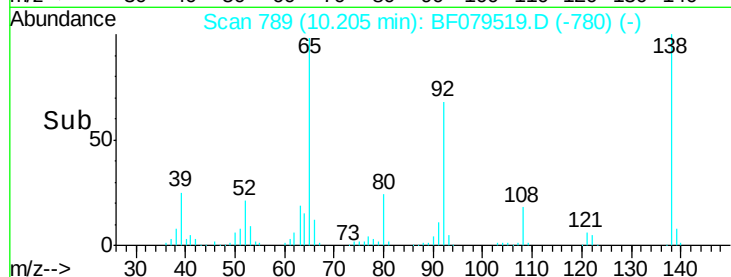
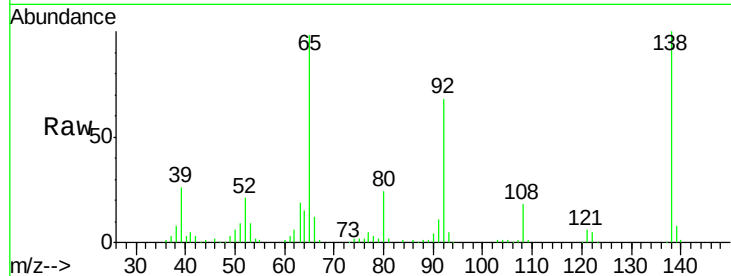
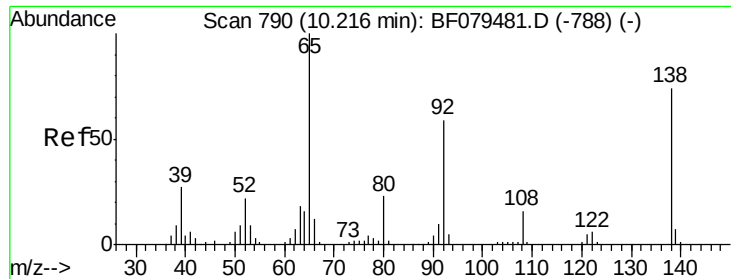


#46
 2-Chloronaphthalene
 Concen: 43.91 ng
 RT: 10.07 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23



Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	32.7	49.1
164	33.5	25.8	38.6





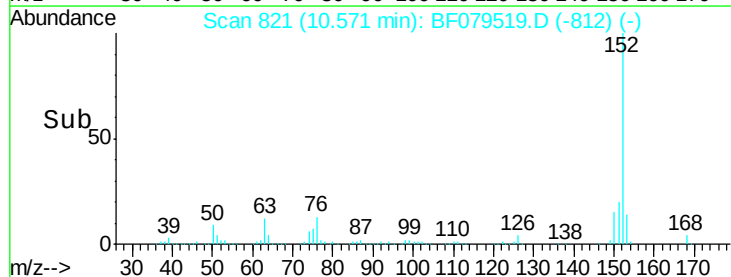
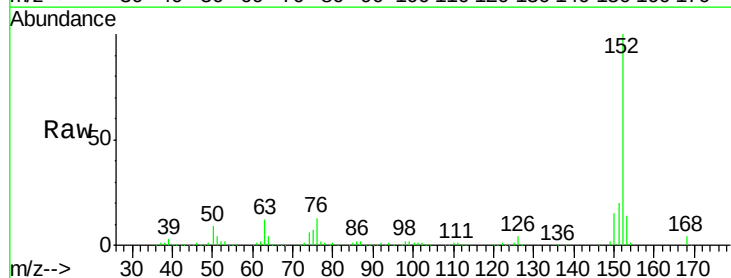
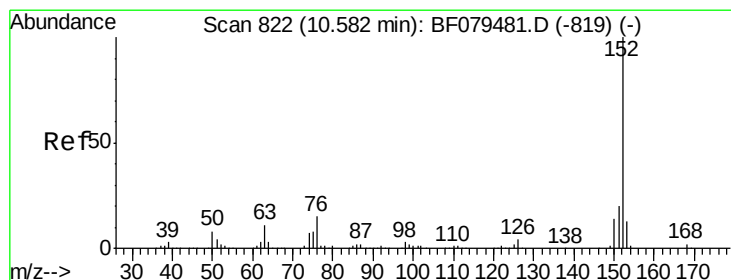
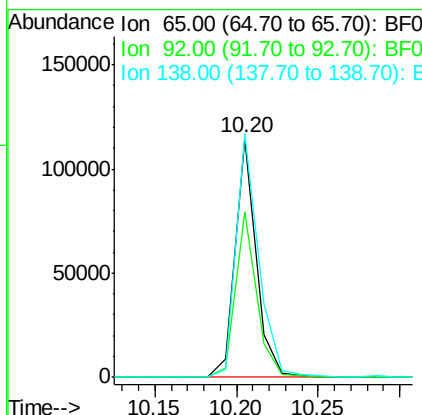
#47
2-Nitroaniline
Concen: 45.23 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	101342		
92	69.1	47.2	70.8	
138	101.9	59.2	88.8	

Instrument :
BNA_F
ClientSampleId :
PB83614BS

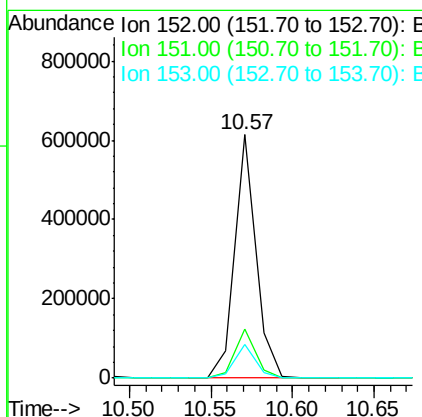
Manual Integrations
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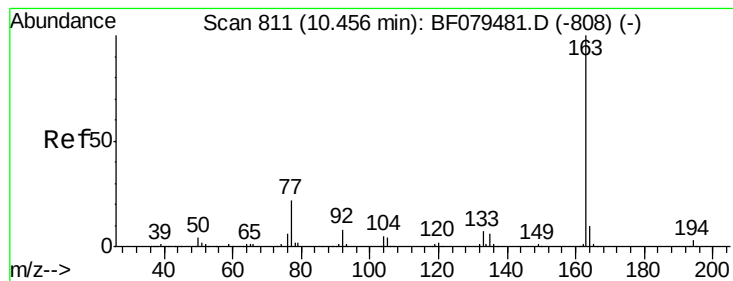
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#48
Acenaphthylene
Concen: 43.92 ng
RT: 10.57 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	549396		
151	20.1	15.8	23.8	
153	13.6	10.7	16.1	





#49

Dimethylphthalate

Concen: 46.95 ng

RT: 10.45 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF079519.D

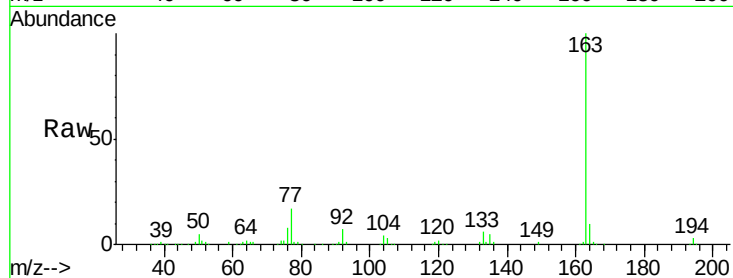
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

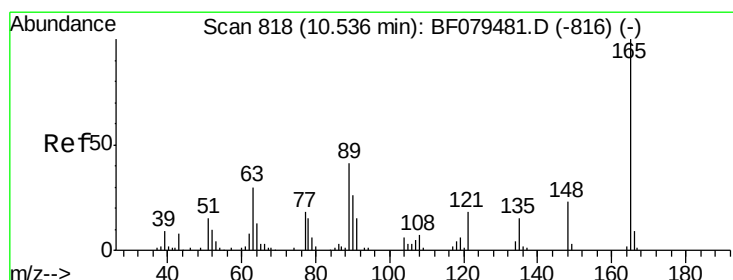
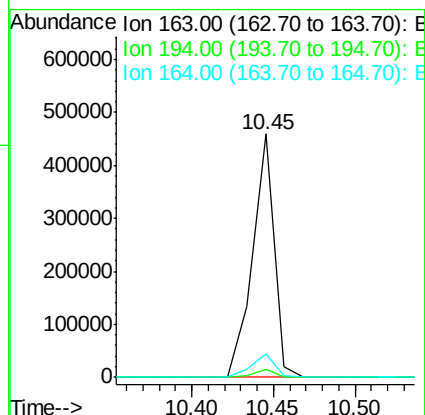
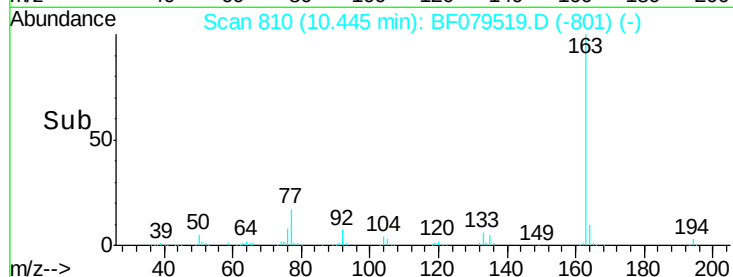
PB83614BS



Tgt Ion:	163	Resp:	422682
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.4	3.6
164	9.9	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 46.93 ng

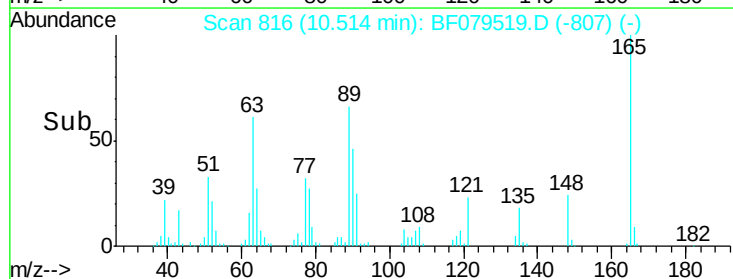
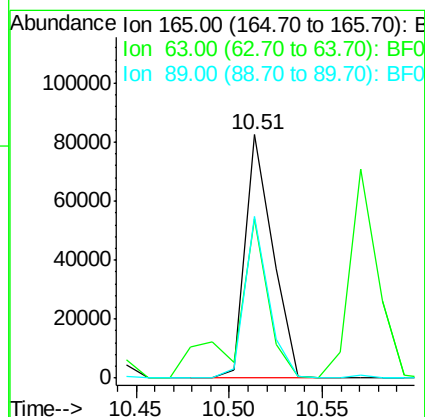
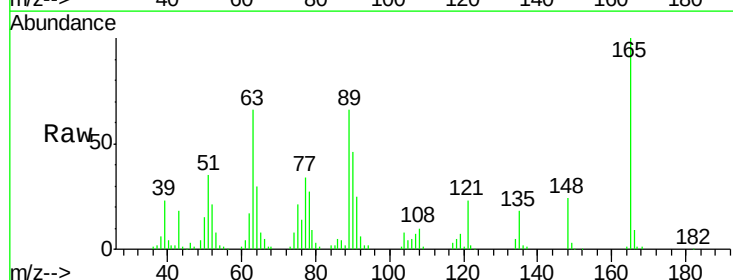
RT: 10.51 min Scan# 816

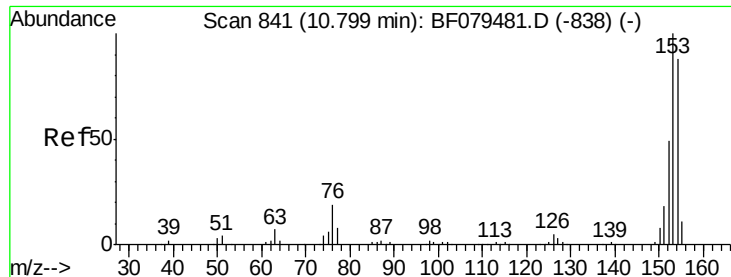
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	165	Resp:	84409
Ion Ratio	Lower	Upper	
165	100		
63	65.5	27.7	41.5#
89	66.5	33.7	50.5#





#51

Acenaphthene

Concen: 44.72 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF079519.D

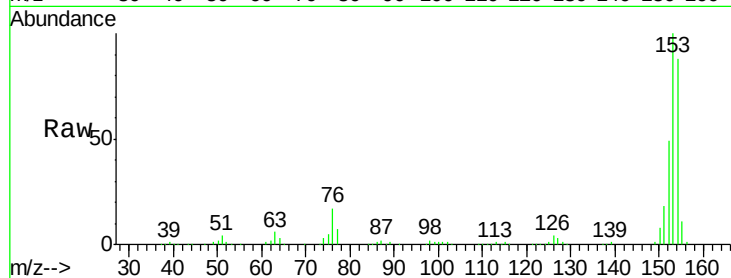
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleID :

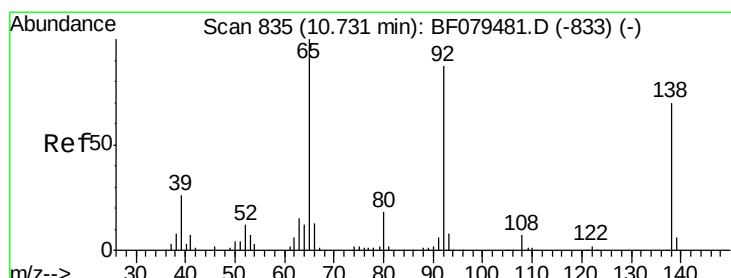
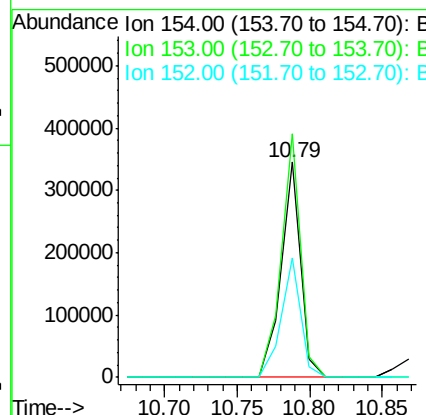
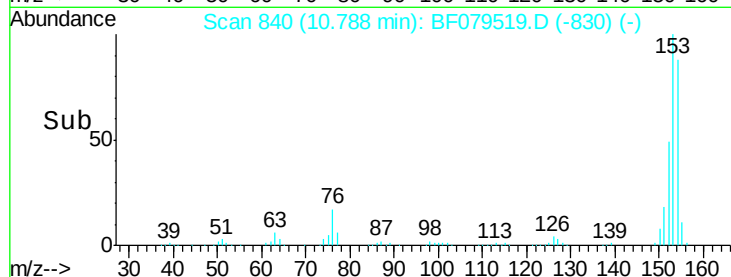
PB83614BS



Tgt Ion:	154	Resp:	319926
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.1	136.7
152	55.5	44.6	66.8

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#52

3-Nitroaniline

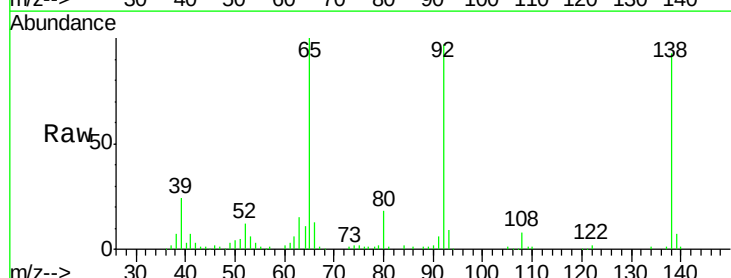
Concen: 34.72 ng

RT: 10.72 min Scan# 834

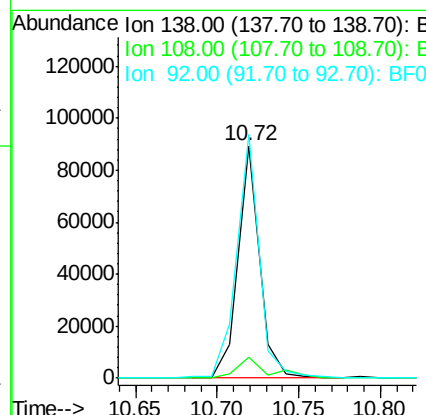
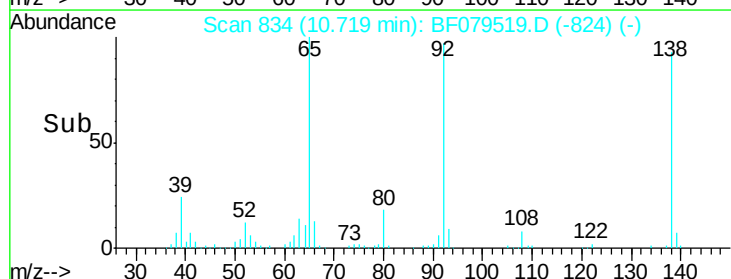
Delta R.T. 0.00 min

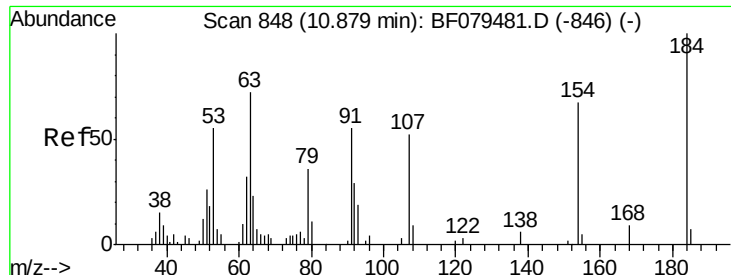
Lab File: BF079519.D

Acq: 27 May 2015 15:23



Tgt Ion:	138	Resp:	81224
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.0	12.0
92	104.8	99.9	149.9





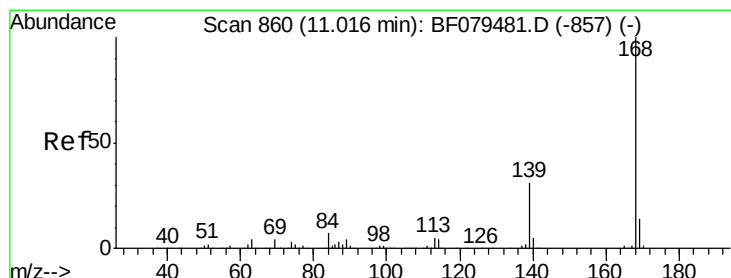
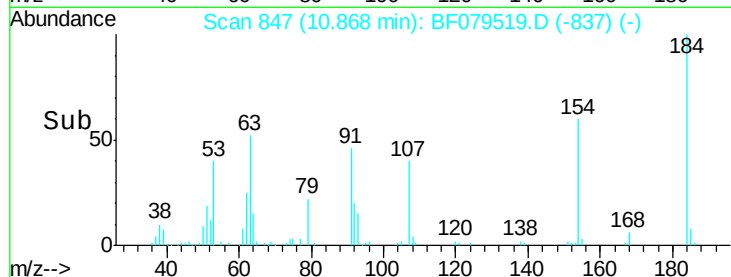
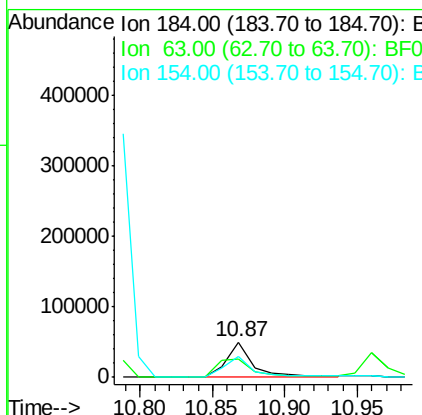
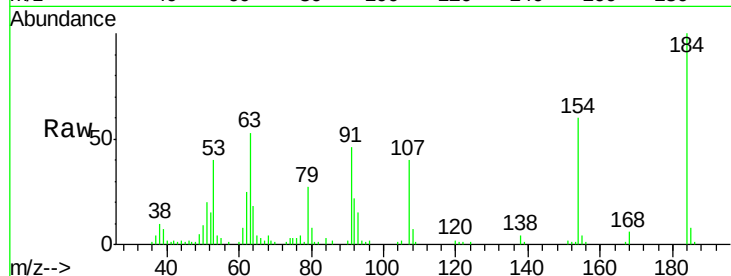
#53
 2,4-Dinitrophenol
 Concen: 84.36 ng
 RT: 10.87 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	66790		
63	53.0	57.7	86.5#	
154	60.3	53.4	80.2	

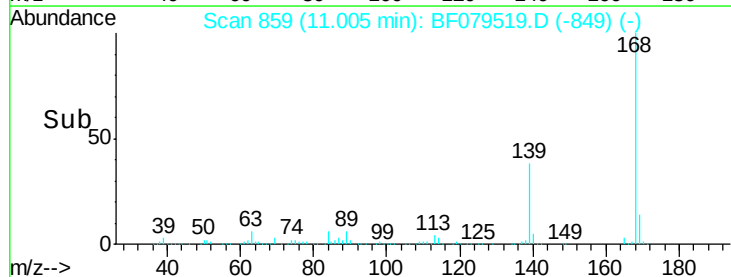
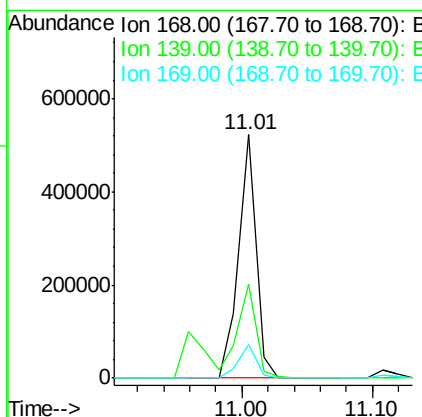
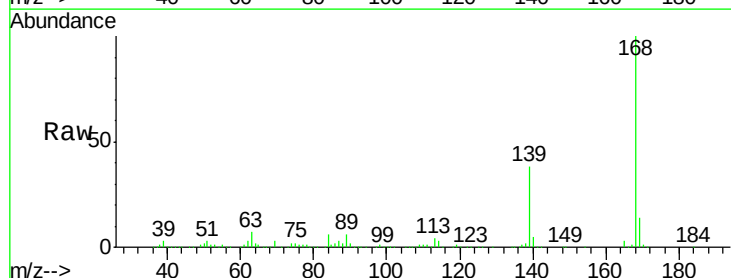
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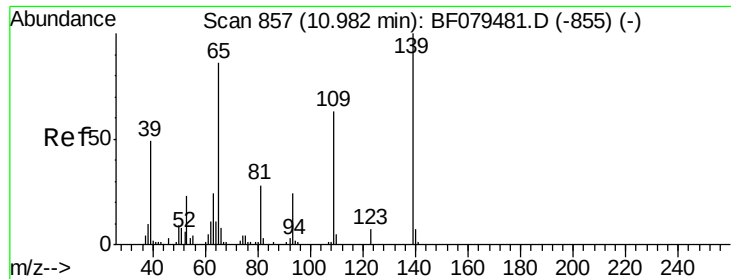
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#54
 Dibenzofuran
 Concen: 46.24 ng
 RT: 11.01 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	487853		
139	38.3	32.9	49.3	
169	13.7	11.1	16.7	





#55

4-Nitrophenol

Concen: 94.37 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

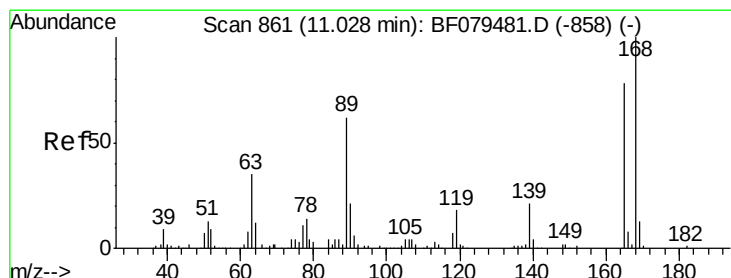
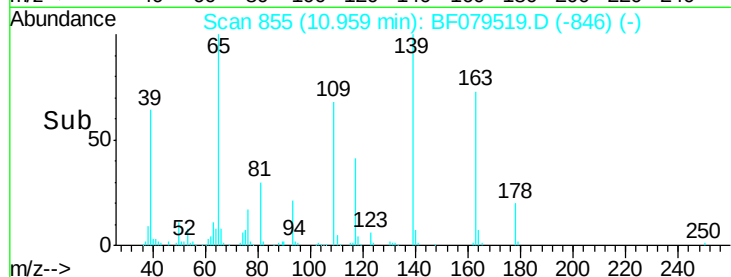
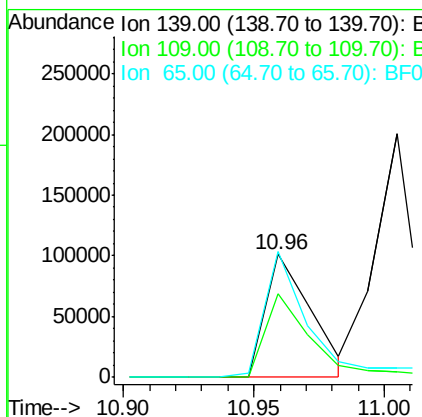
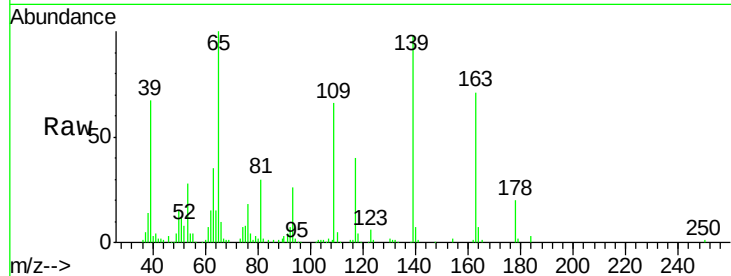
ClientSampled :

PB83614BS

Tgt Ion:	139	Resp:	122421
Ion Ratio	Lower	Upper	
139	100		
109	67.6	42.8	82.8
65	102.4	66.3	106.3

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#56

2,4-Dinitrotoluene

Concen: 49.00 ng

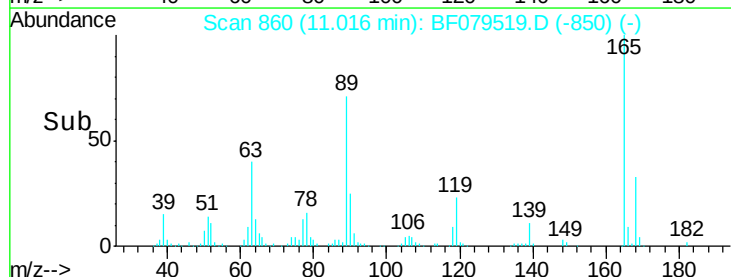
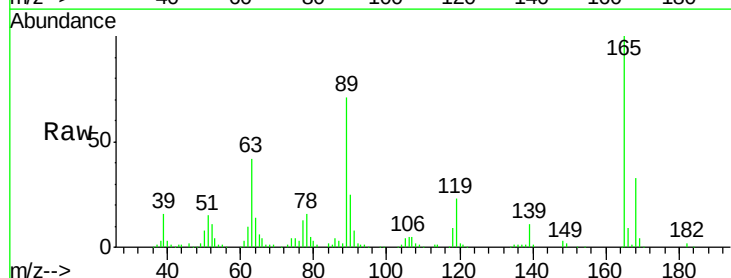
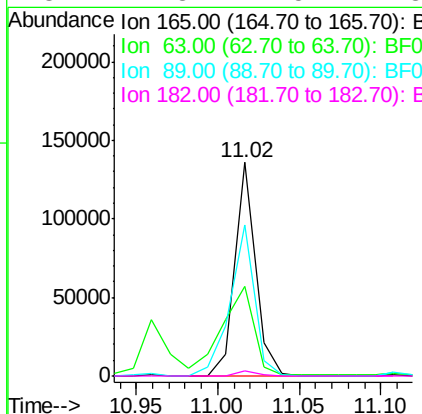
RT: 11.02 min Scan# 860

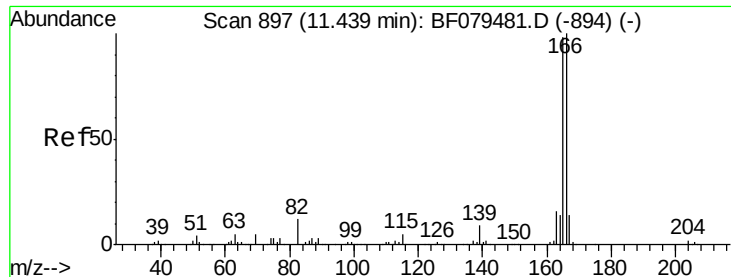
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	165	Resp:	118190
Ion Ratio	Lower	Upper	
165	100		
63	42.2	39.5	59.3
89	71.0	64.2	96.4
182	2.3	1.5	2.3





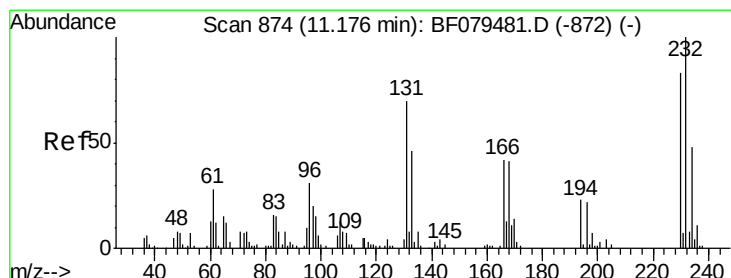
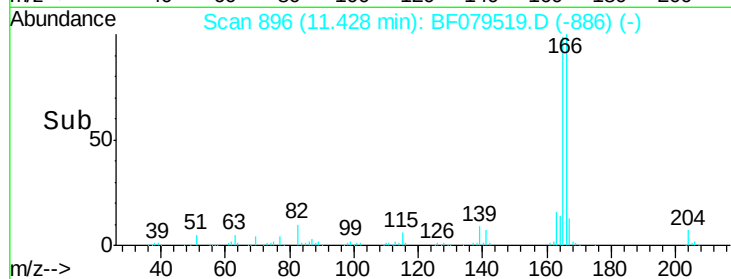
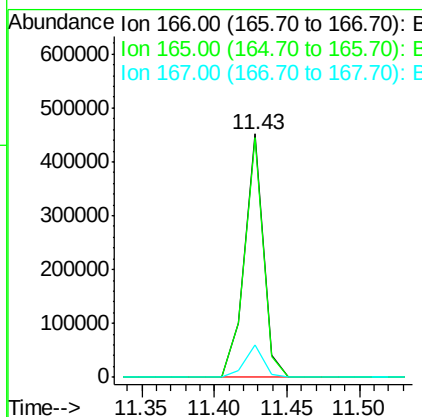
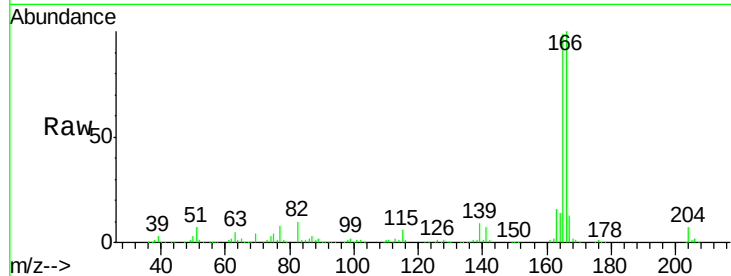
#57
 Fluorene
 Concen: 46.93 ng
 RT: 11.43 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	408097		
165	98.7	78.6	117.8	
167	13.2	10.8	16.2	

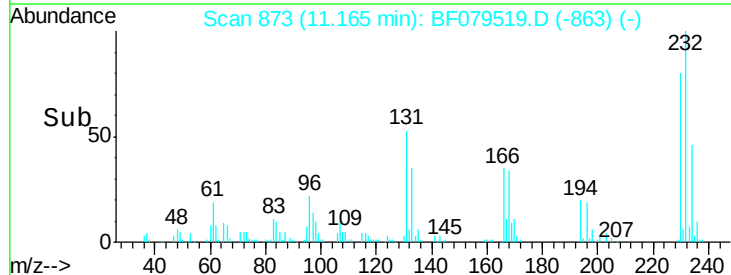
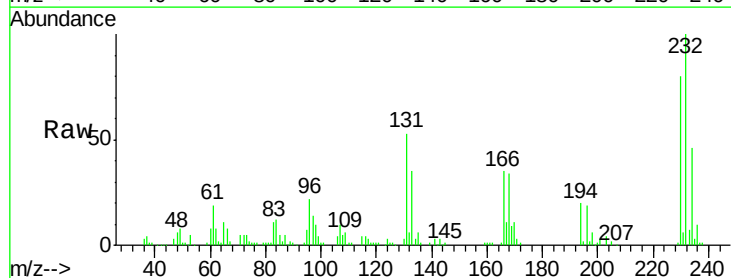
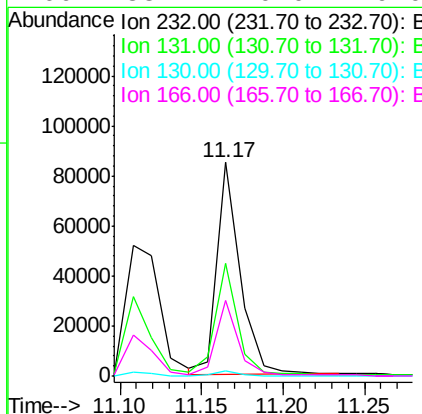
Manual Integrations
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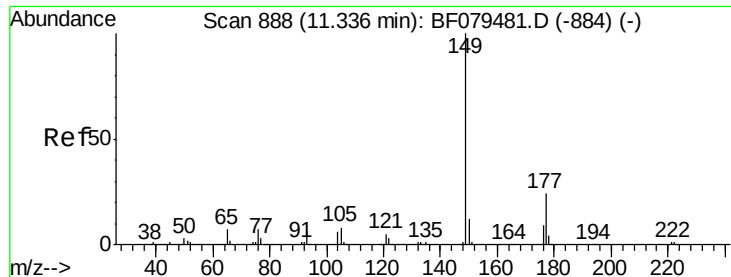
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.91 ng
 RT: 11.17 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	84543		
131	51.2	0.0	0.0#	
130	2.6	0.0	0.0#	
166	33.7	0.0	0.0#	





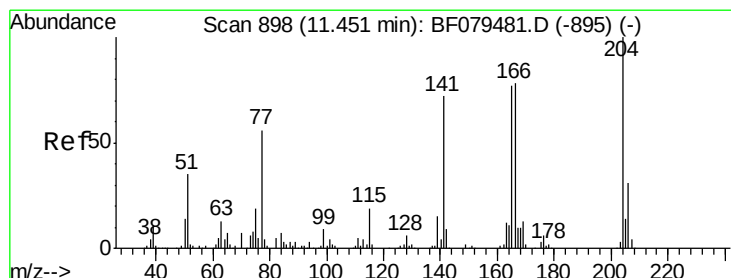
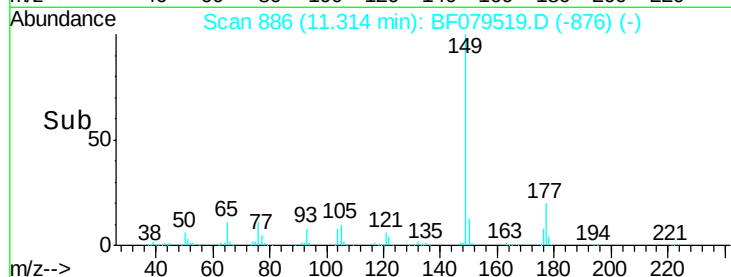
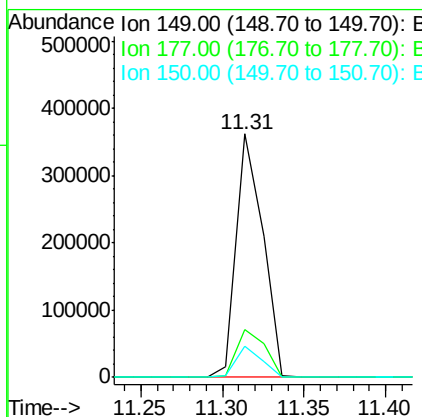
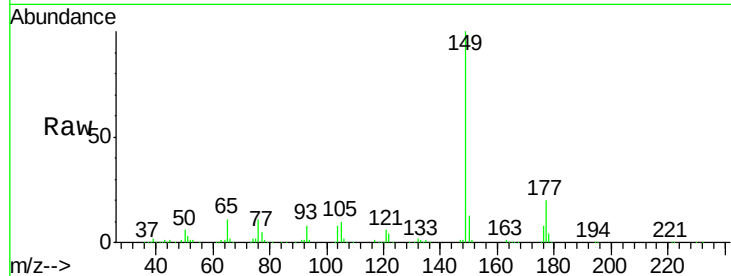
#59
Diethylphthalate
Concen: 46.03 ng
RT: 11.31 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	405652		
177	19.7	18.9	28.3	
150	12.8	9.8	14.6	

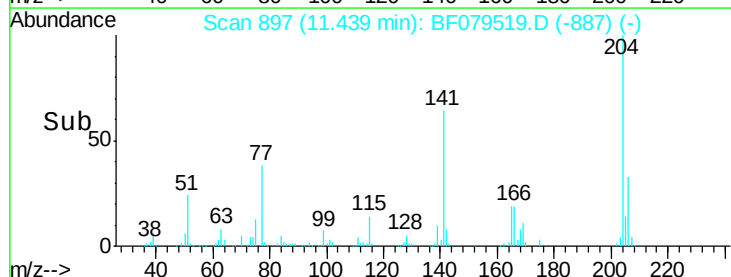
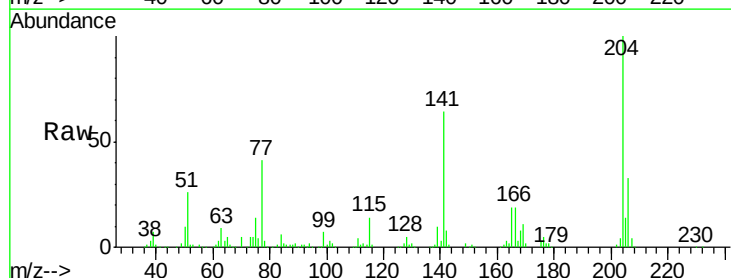
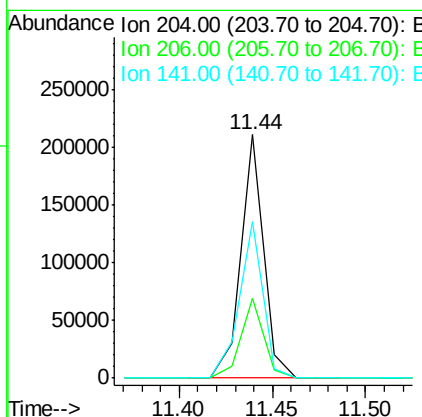
Manual Integrations
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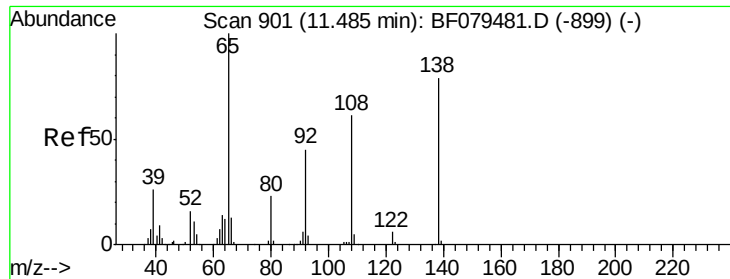
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#60
4-Chlorophenyl-phenylether
Concen: 47.90 ng
RT: 11.44 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	179974		
206	32.8	25.0	37.4	
141	64.1	57.4	86.2	





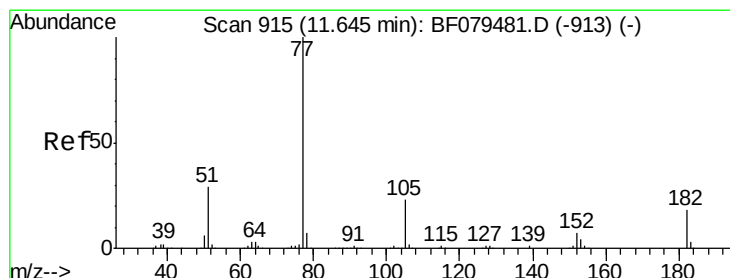
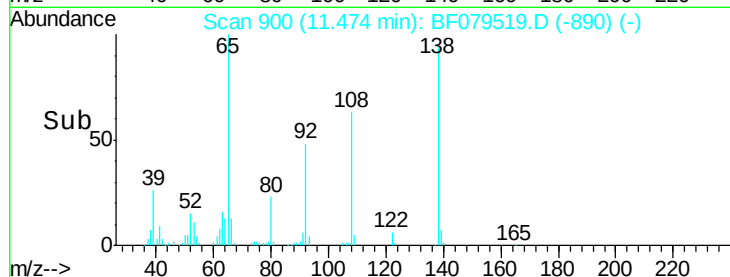
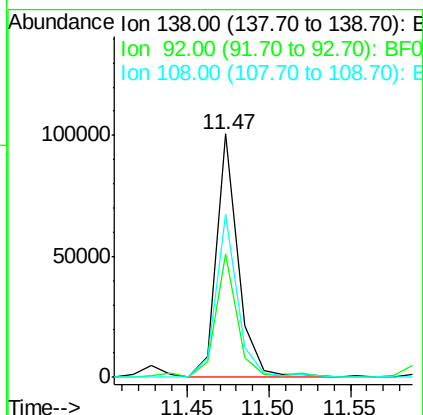
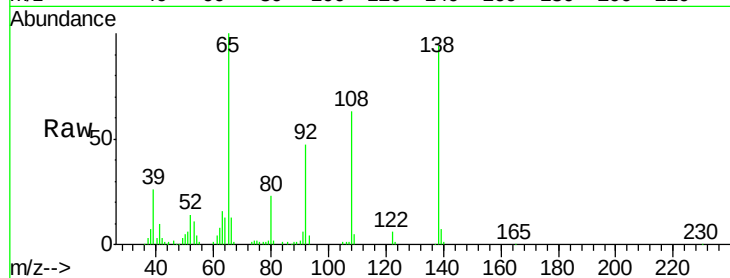
#61
4-Nitroaniline
Concen: 43.04 ng
RT: 11.47 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	37.2	77.2
108	67.0	57.0	97.0

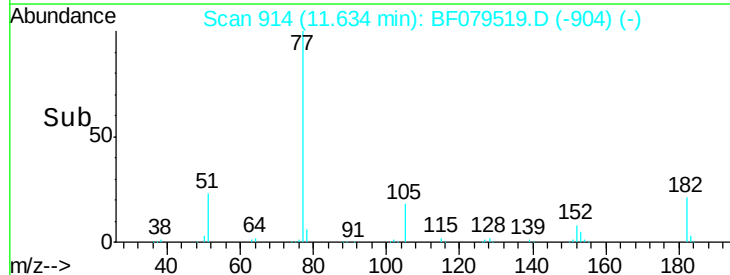
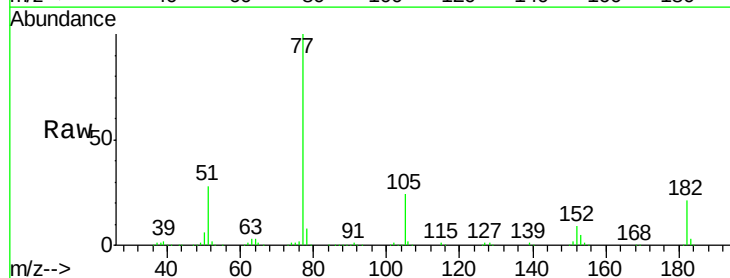
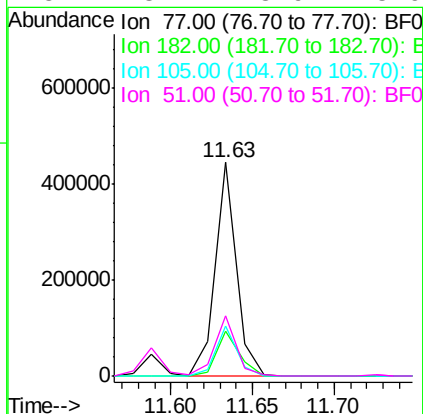
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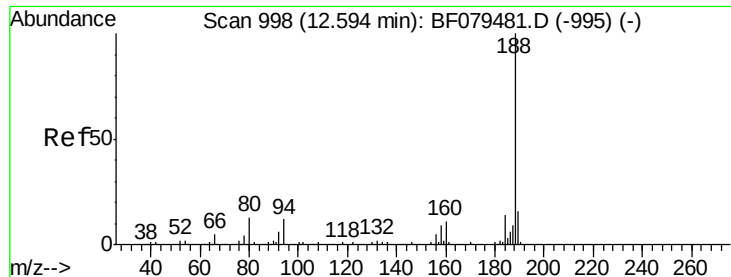
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#62
Azobenzene
Concen: 46.87 ng
RT: 11.63 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	37.7
105	23.5	2.7	42.7
51	28.4	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.58 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

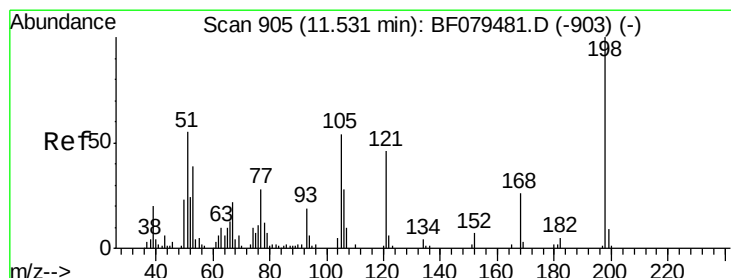
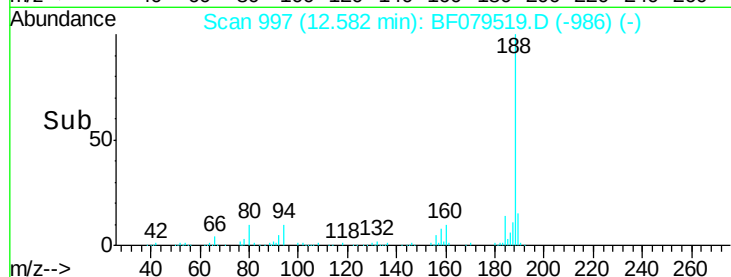
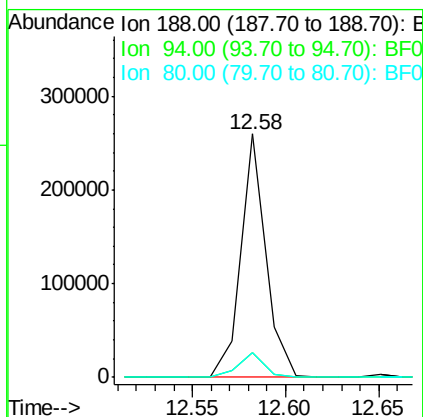
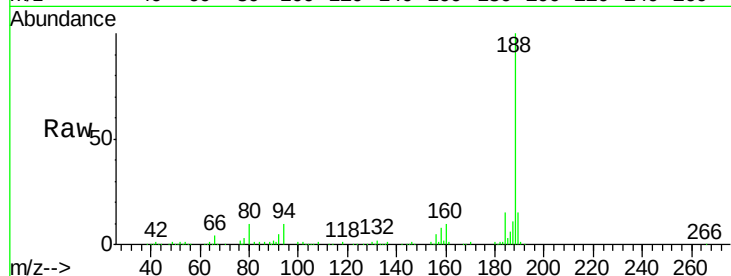
ClientSampleId :

PB83614BS

Tgt Ion:	188	Resp:	241930
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.8	14.6
80	10.3	10.5	15.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.42 ng

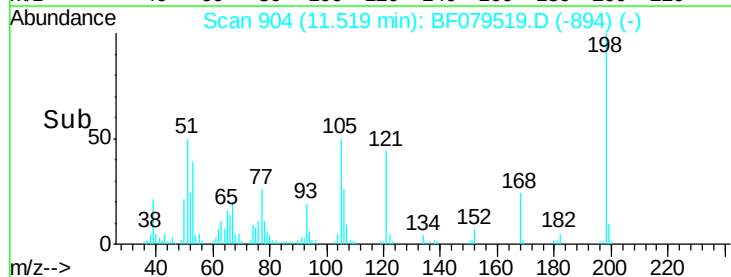
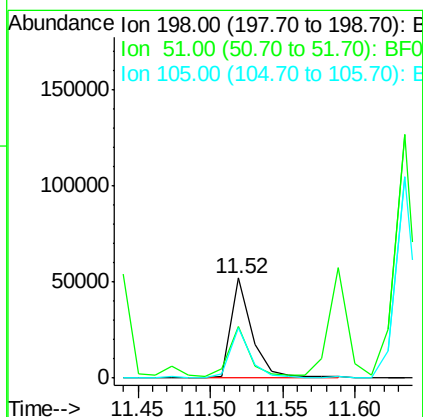
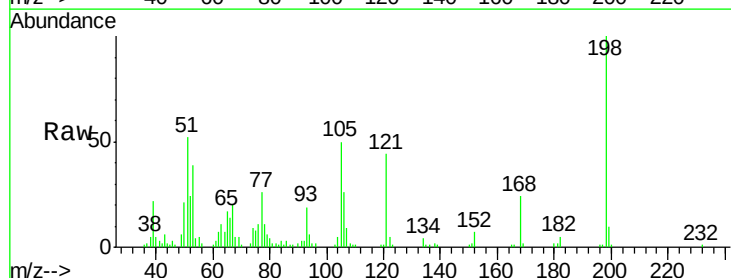
RT: 11.52 min Scan# 904

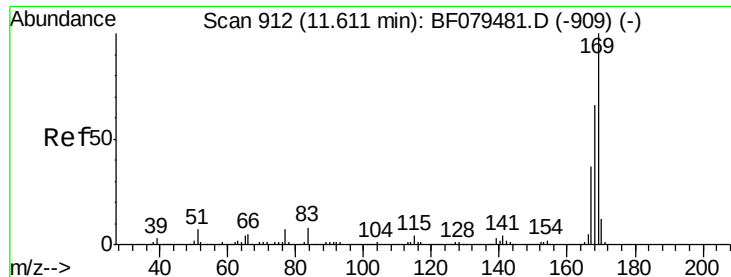
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	198	Resp:	53583
Ion Ratio	Lower	Upper	
198	100		
51	51.6	36.0	76.0
105	50.4	34.1	74.1





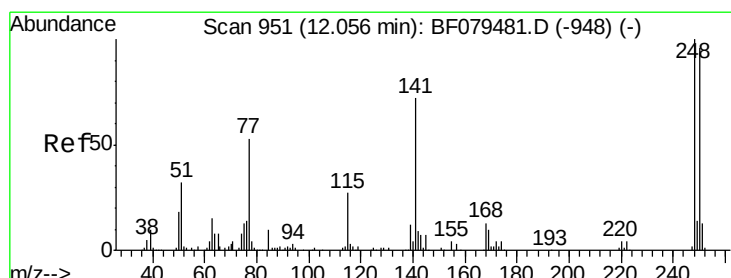
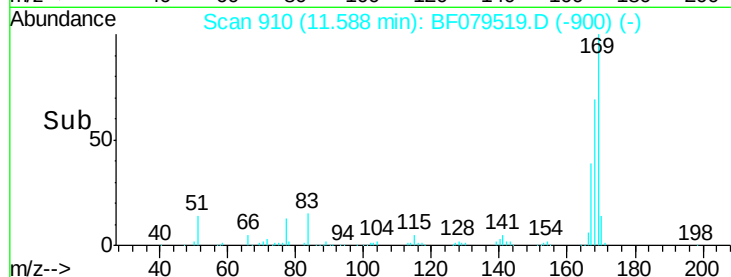
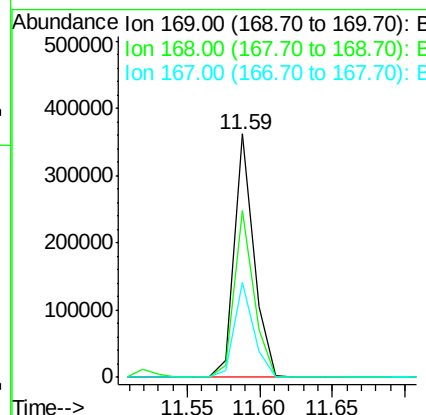
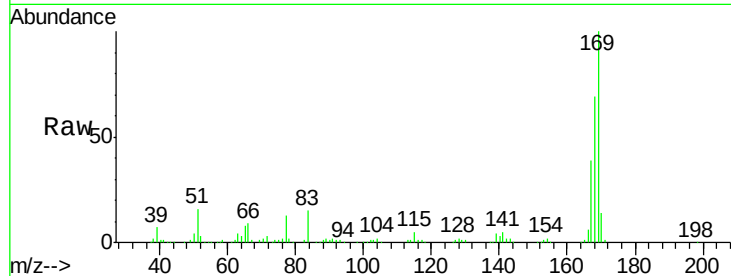
#65
 n-Nitrosodiphenylamine
 Concen: 42.33 ng
 RT: 11.59 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleID :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	340153		
168	68.6	53.1	79.7	
167	38.8	29.9	44.9	

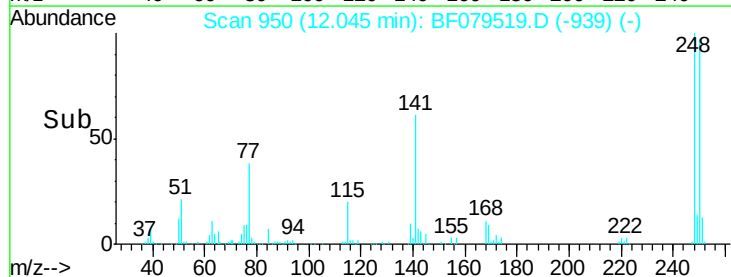
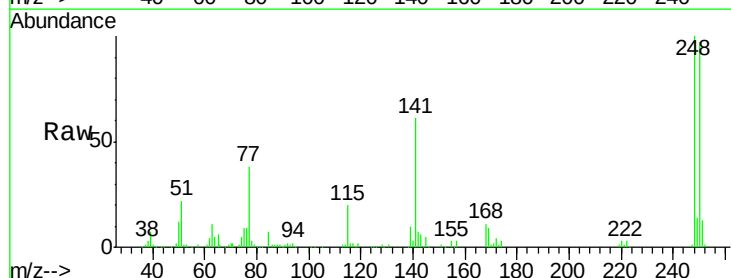
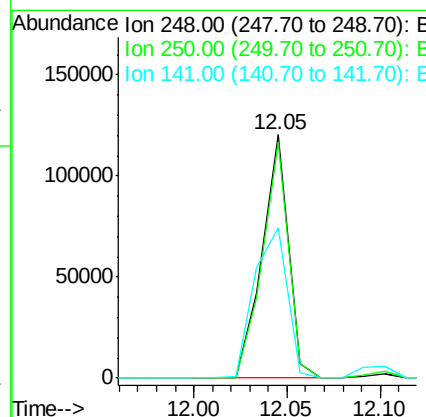
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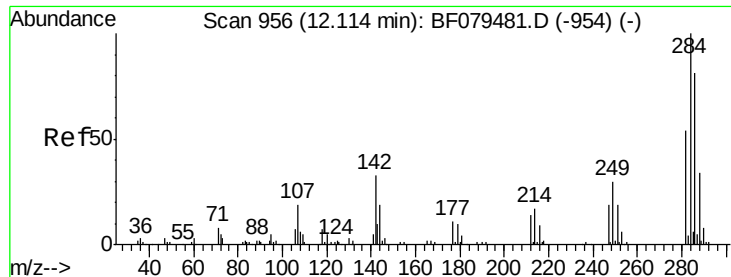
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#66
 4-Bromophenyl-phenylether
 Concen: 46.83 ng
 RT: 12.05 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	116663		
250	97.1	76.8	115.2	
141	61.4	57.7	86.5	





#67

Hexachlorobenzene

Concen: 44.39 ng

RT: 12.10 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF079519.D

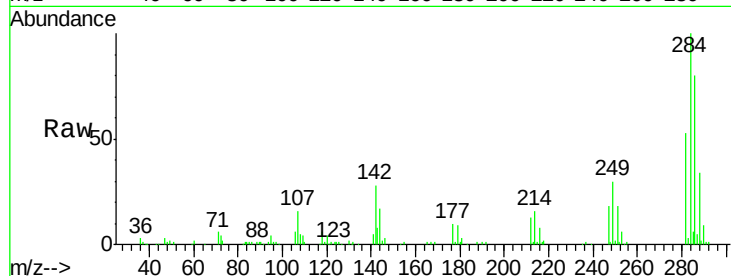
Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

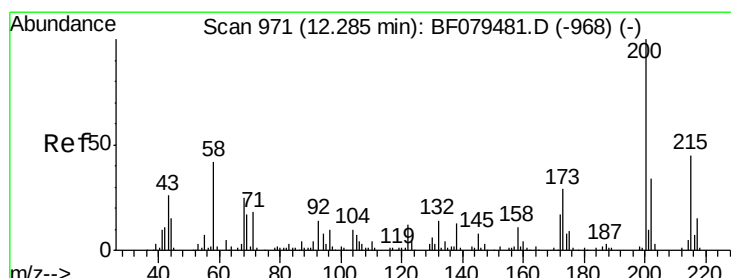
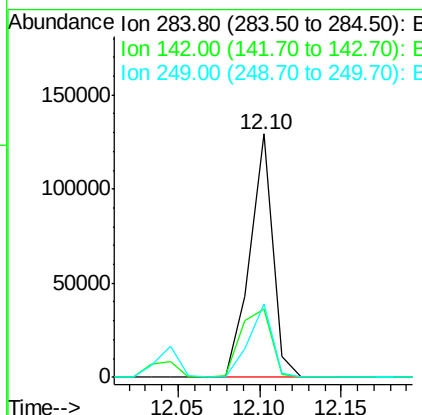
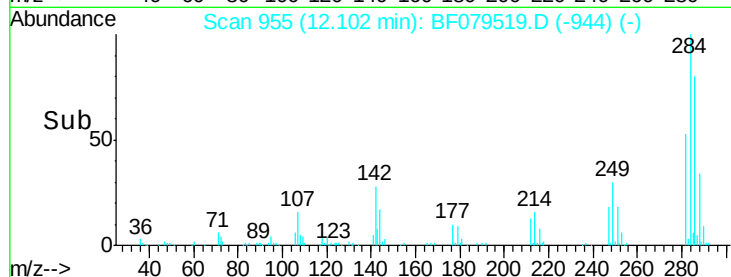
PB83614BS



Tgt Ion:	284	Resp:	126076
Ion Ratio	Lower	Upper	
284	100		
142	27.9	26.2	39.2
249	30.2	24.3	36.5

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#68

Atrazine

Concen: 53.33 ng

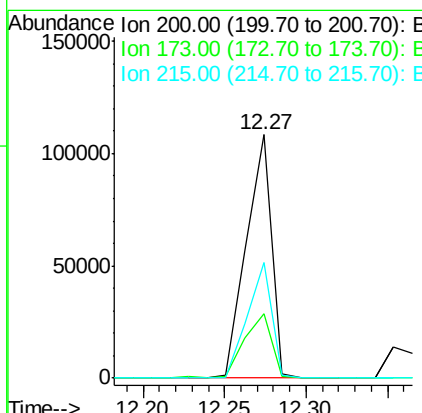
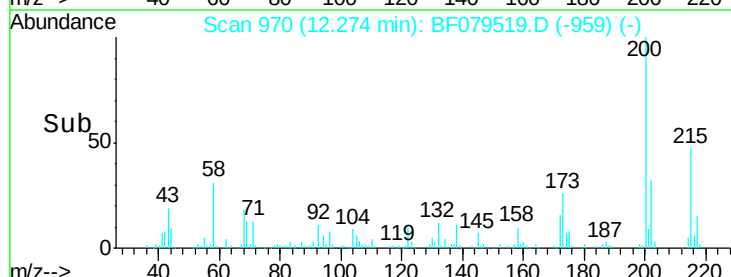
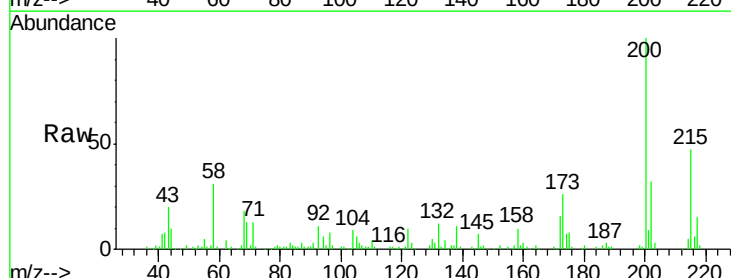
RT: 12.27 min Scan# 970

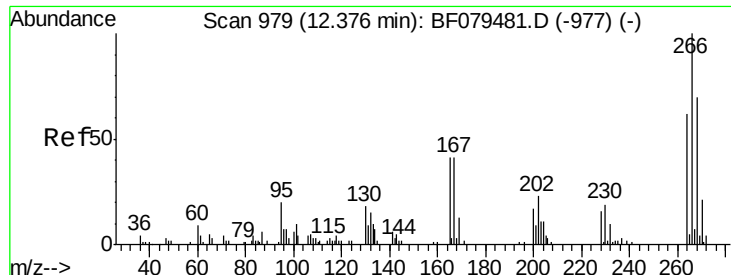
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	200	Resp:	115760
Ion Ratio	Lower	Upper	
200	100		
173	26.4	9.4	49.4
215	47.4	25.3	65.3





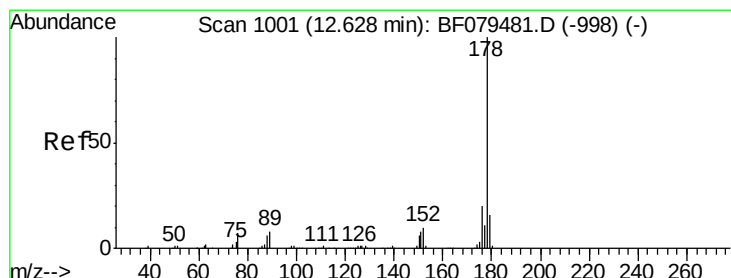
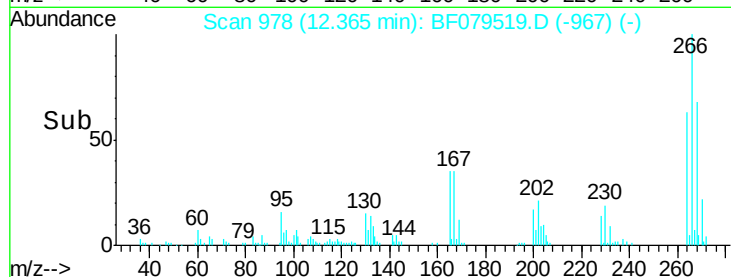
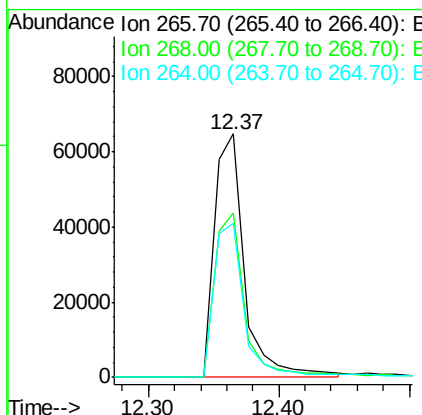
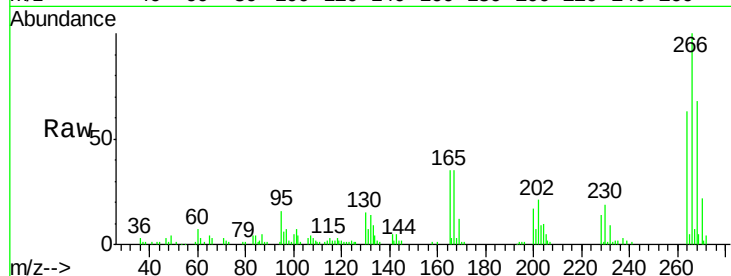
#69
 Pentachlorophenol
 Concen: 95.63 ng
 RT: 12.37 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	104053		
268	67.7	56.1	84.1	
264	63.0	50.0	75.0	

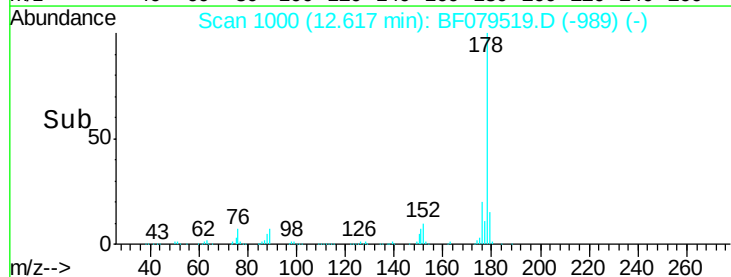
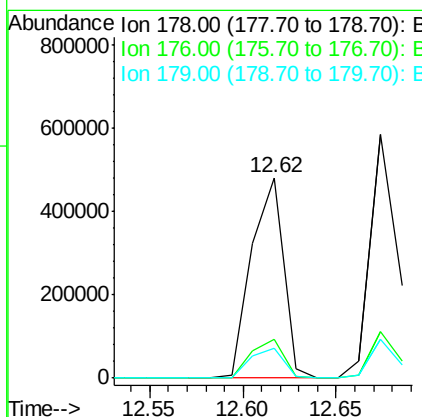
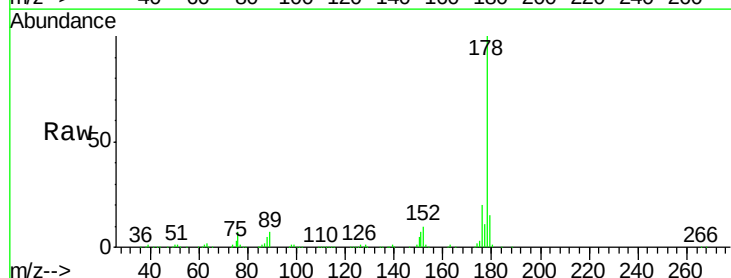
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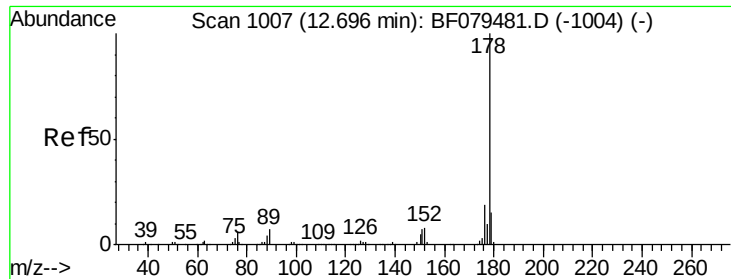
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#70
 Phenanthrene
 Concen: 43.11 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	572176		
176	19.6	15.7	23.5	
179	15.2	12.4	18.6	





#71

Anthracene

Concen: 43.59 ng

RT: 12.67 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

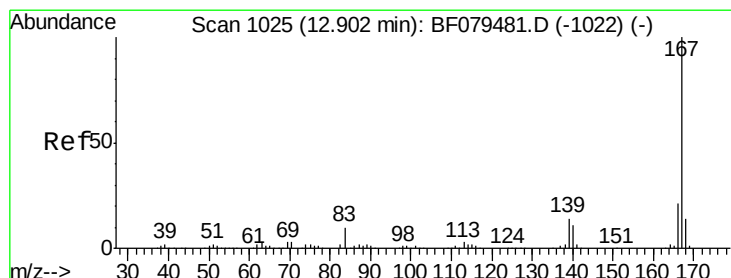
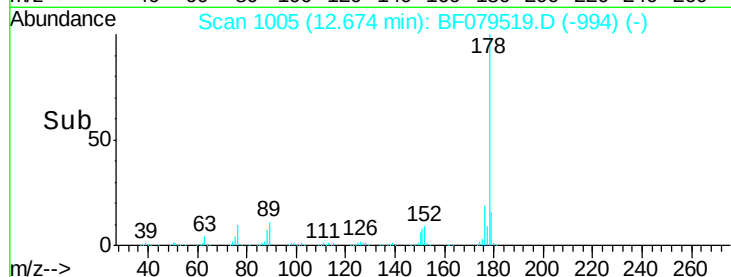
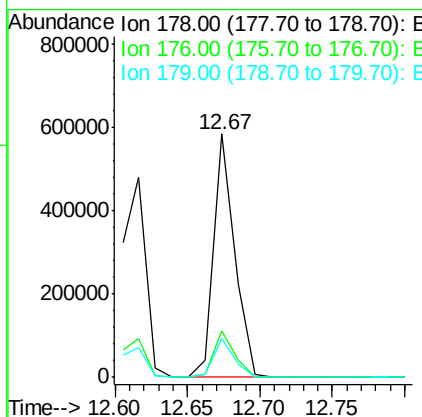
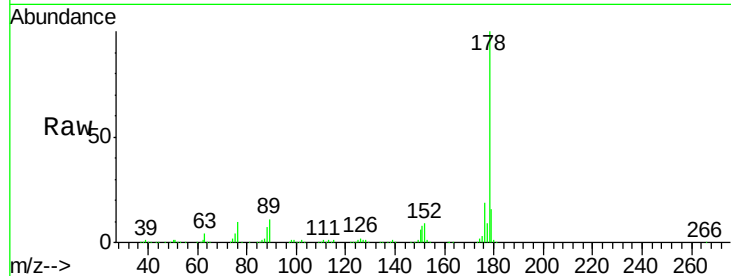
ClientSampleId :

PB83614BS

Tgt Ion:	178	Resp:	587426
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.3	22.9
179	16.0	12.2	18.4

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#72

Carbazole

Concen: 44.96 ng

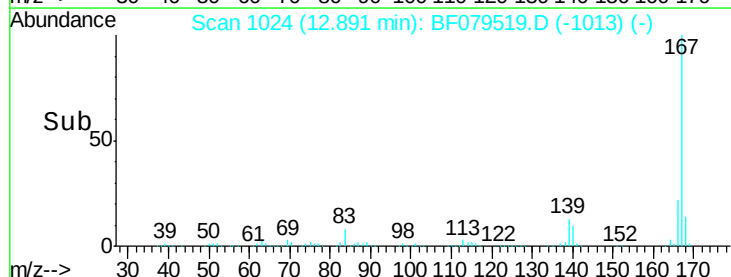
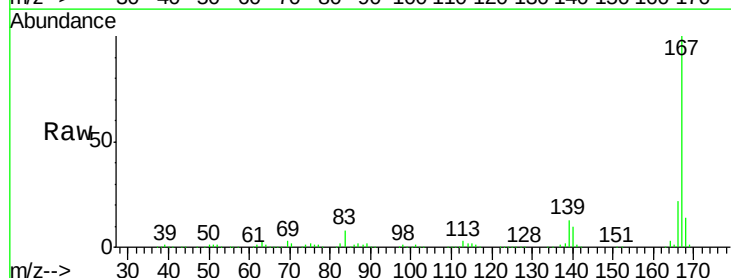
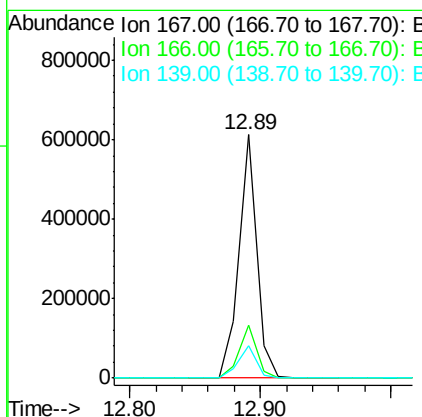
RT: 12.89 min Scan# 1024

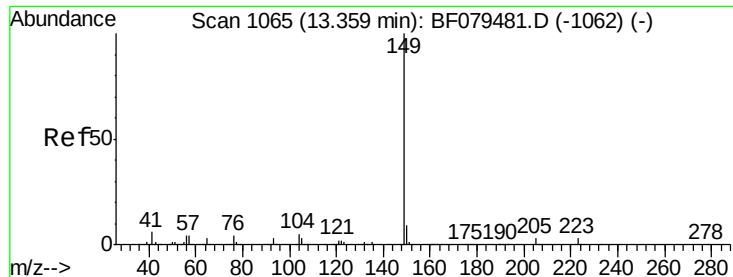
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	167	Resp:	583215
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.0	25.4
139	13.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 51.23 ng

RT: 13.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

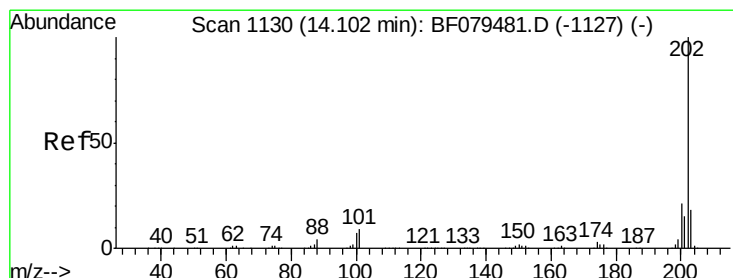
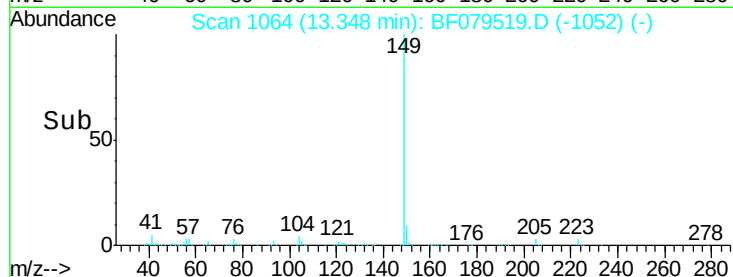
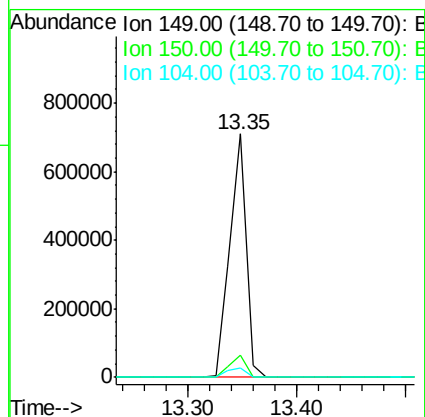
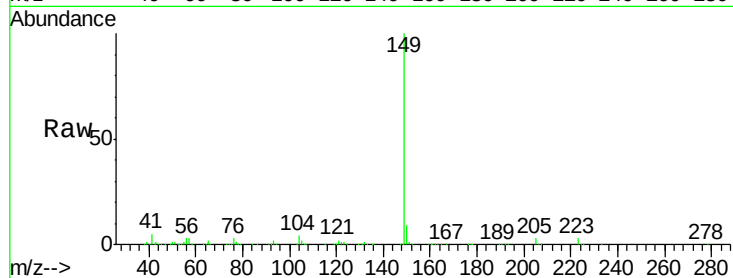
ClientSampleId :

PB83614BS

Tgt Ion:	149	Resp:	739068
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	4.0	3.6	5.4

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#74

Fluoranthene

Concen: 45.11 ng

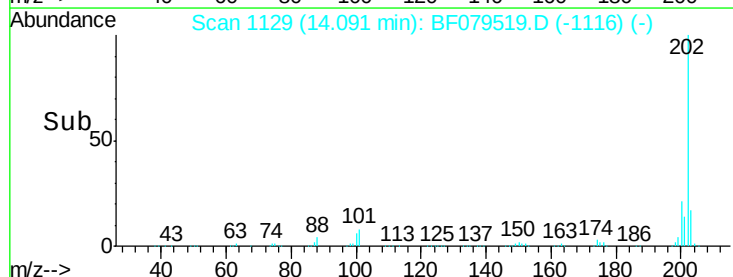
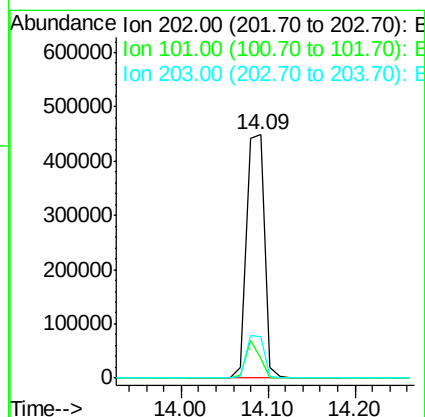
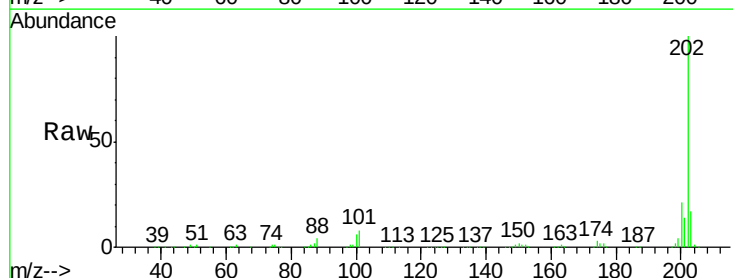
RT: 14.09 min Scan# 1129

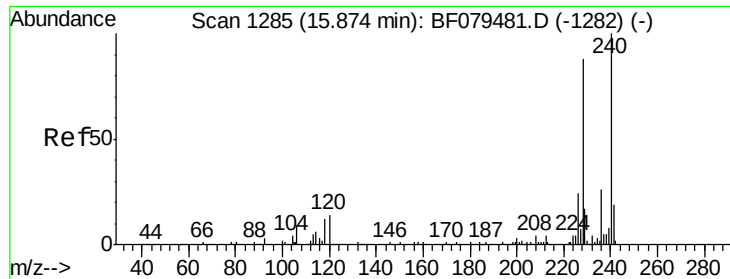
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	202	Resp:	642071
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	29.3
203	17.1	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.05 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

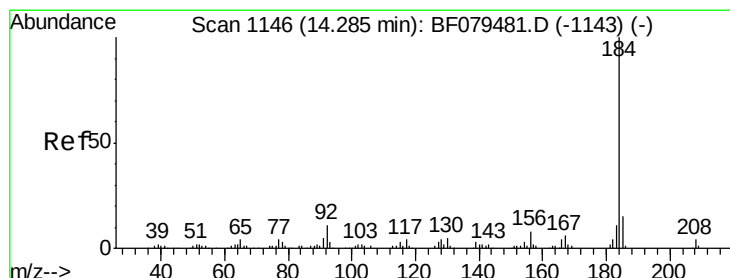
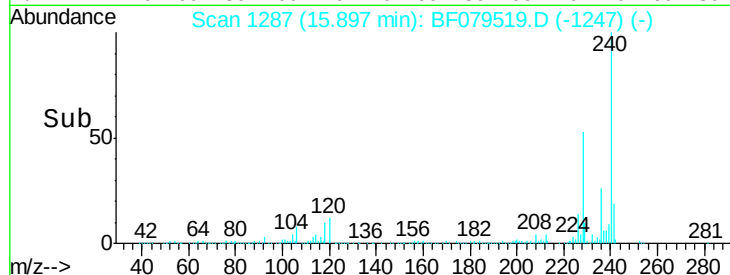
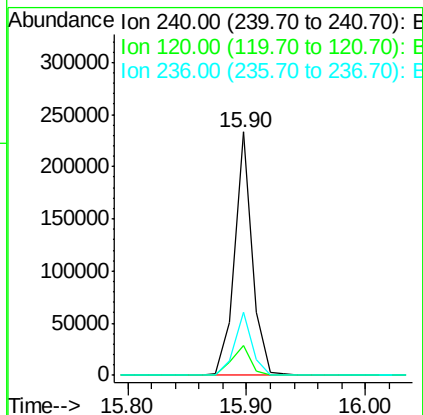
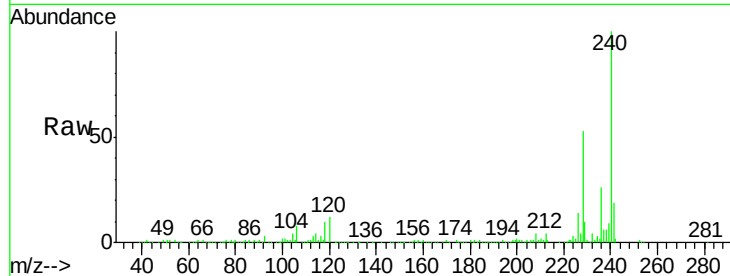
ClientSampleId :

PB83614BS

Tgt Ion:	240	Resp:	240873
Ion Ratio	Lower	Upper	
240	100		
120	12.2	10.8	16.2
236	25.9	21.0	31.6

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#76

Benzidine

Concen: 61.50 ng

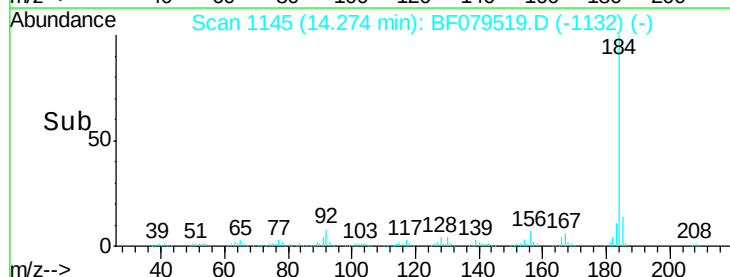
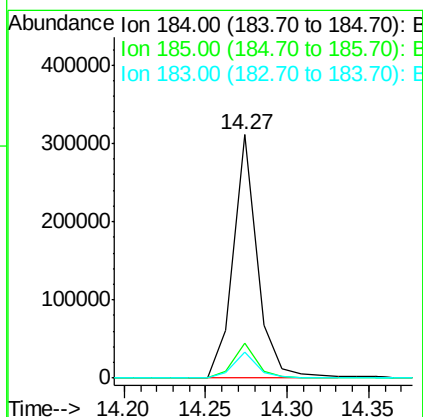
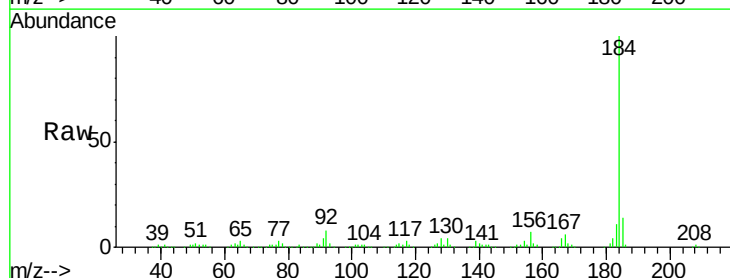
RT: 14.27 min Scan# 1145

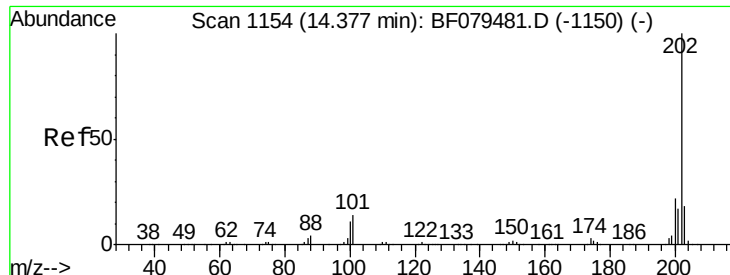
Delta R.T. 0.00 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	184	Resp:	317270
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.1	18.1
183	10.9	8.6	12.8





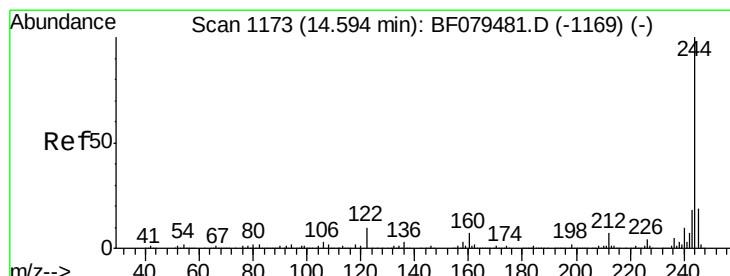
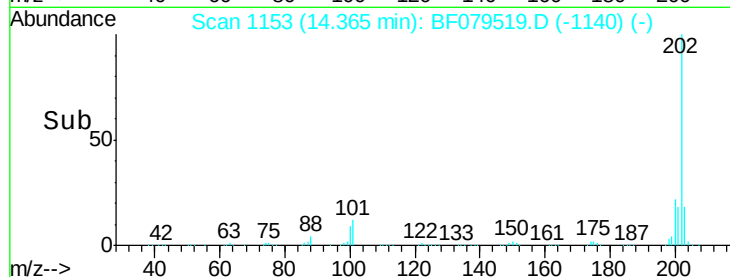
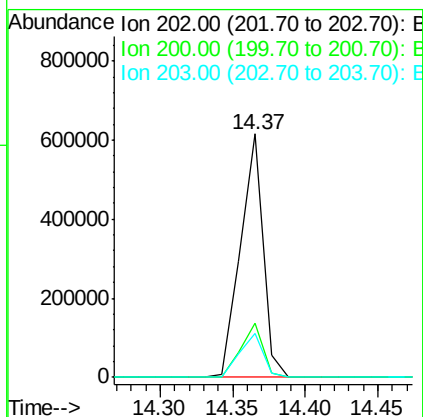
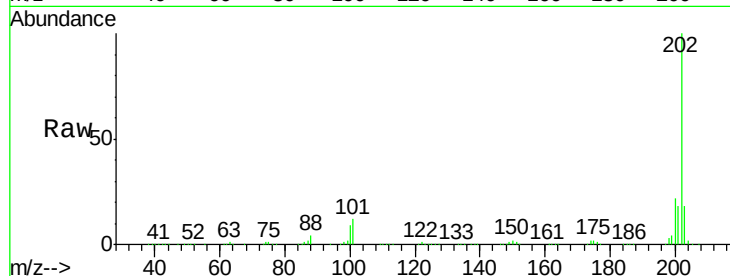
#77
 Pyrene
 Concen: 44.94 ng
 RT: 14.37 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	17.5	26.3
203	17.9	14.4	21.6

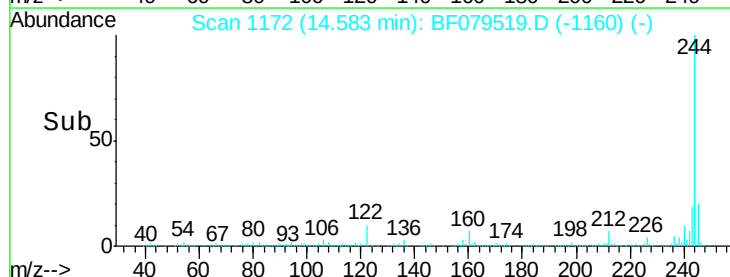
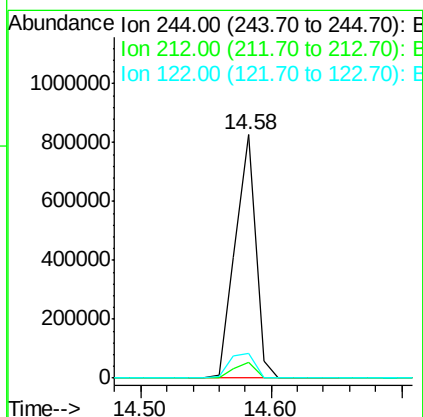
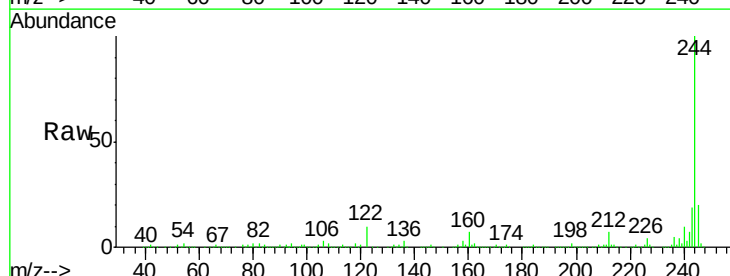
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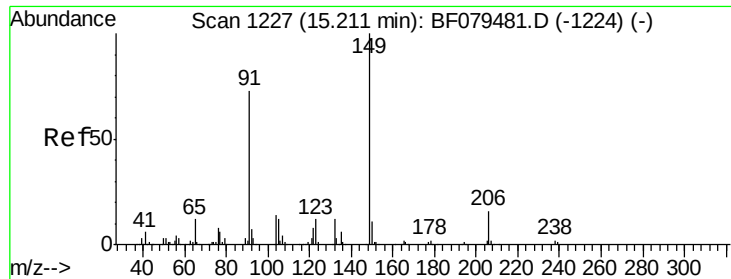
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#78
 Terphenyl-d14
 Concen: 87.93 ng
 RT: 14.58 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.2	7.8
122	10.1	8.0	12.0





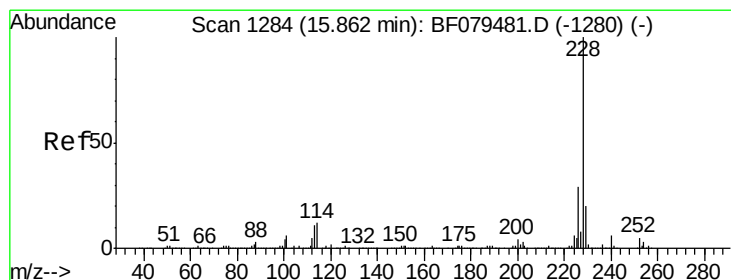
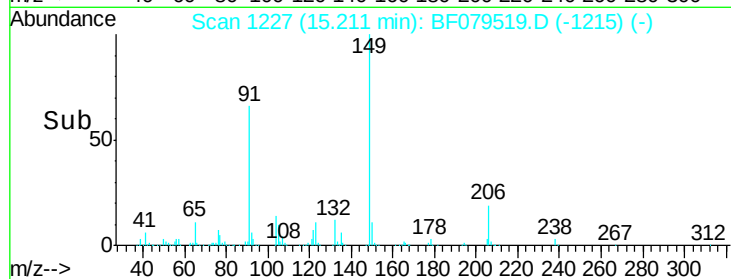
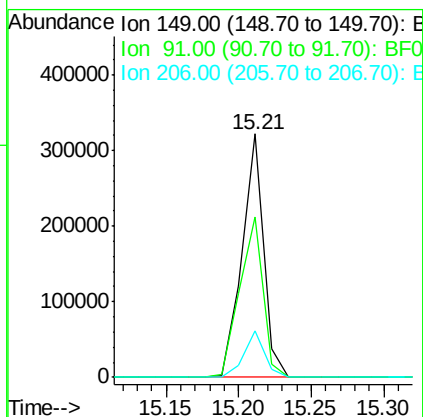
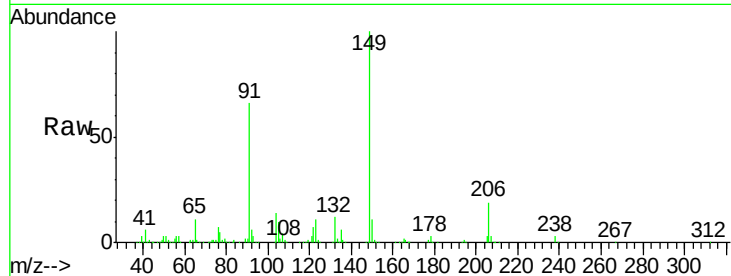
#79
Butylbenzylphthalate
Concen: 49.41 ng
RT: 15.21 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	331618		
91	65.8	58.1	87.1	
206	18.8	13.1	19.7	

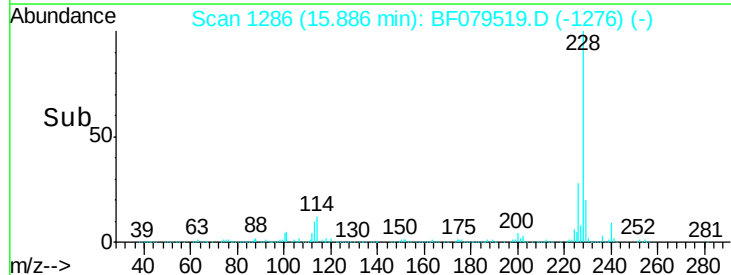
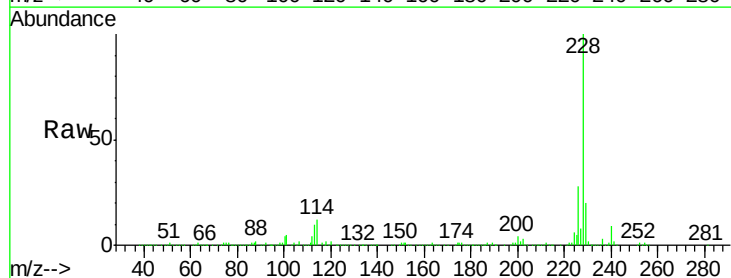
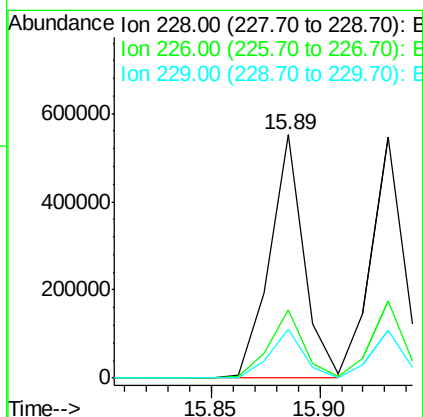
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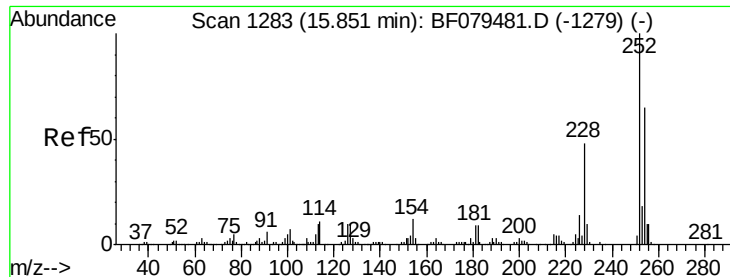
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#80
Benzo(a)anthracene
Concen: 43.72 ng
RT: 15.89 min Scan# 1286
Delta R.T. -0.05 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	605747		
226	27.8	22.8	34.2	
229	20.2	15.9	23.9	





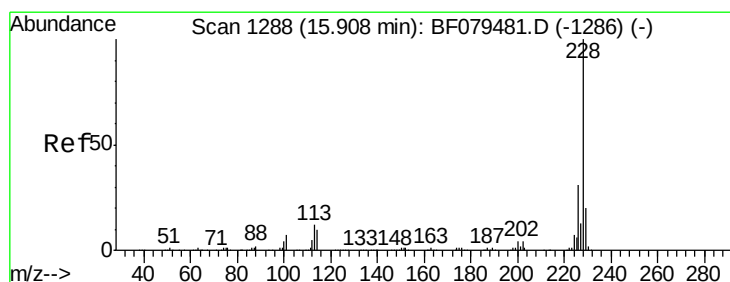
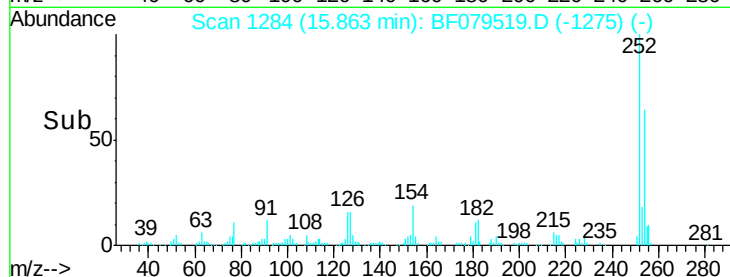
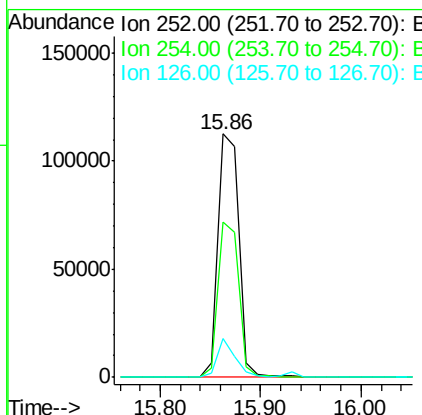
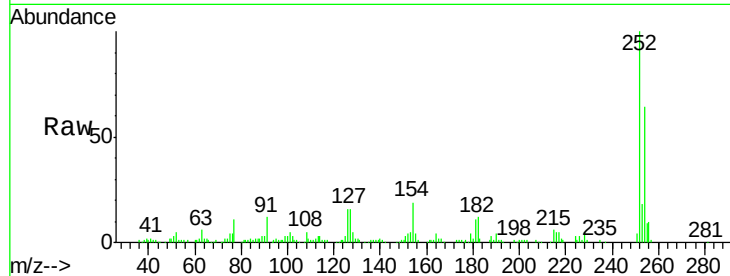
#81
 3,3'-Dichlorobenzidine
 Concen: 32.03 ng
 RT: 15.86 min Scan# 1284
 Delta R.T. -0.06 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB83614BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.0	52.1	78.1
126	16.0	8.2	12.2

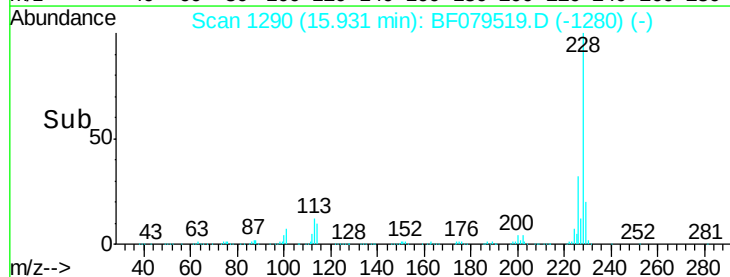
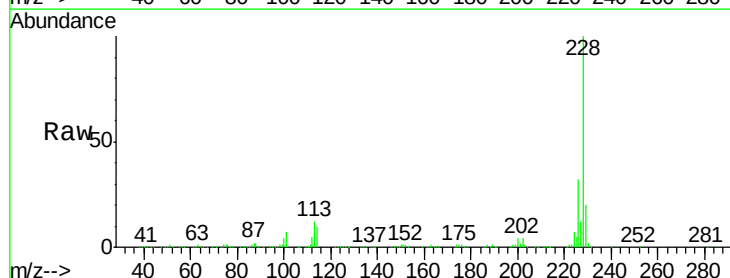
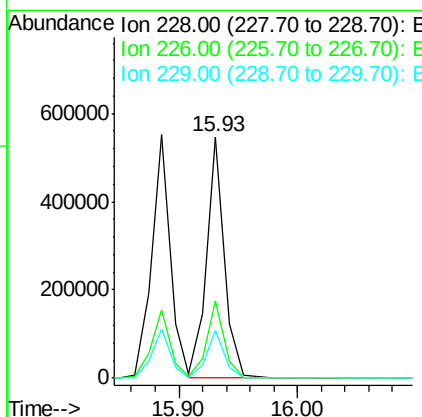
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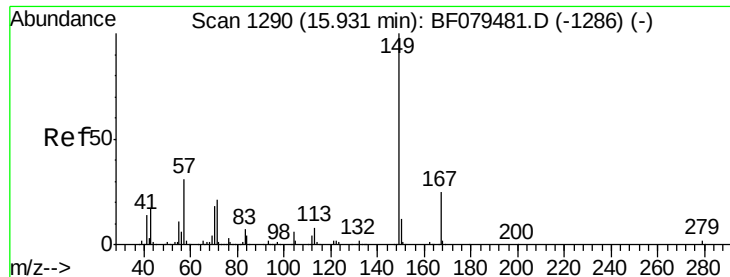
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#82
 Chrysene
 Concen: 43.24 ng
 RT: 15.93 min Scan# 1290
 Delta R.T. -0.05 min
 Lab File: BF079519.D
 Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.8	25.0	37.4
229	19.6	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.41 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83614BS

Tgt Ion:149 Resp: 494283
Ion Ratio Lower Upper

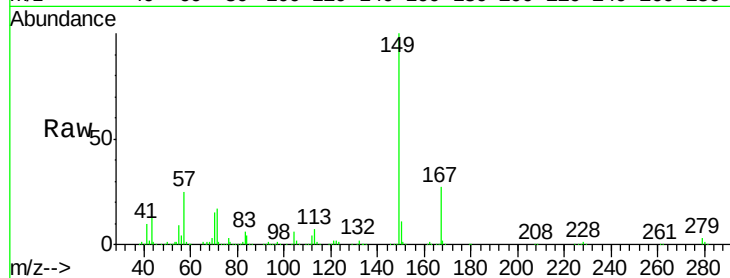
149 100

167 26.8 20.2 30.4

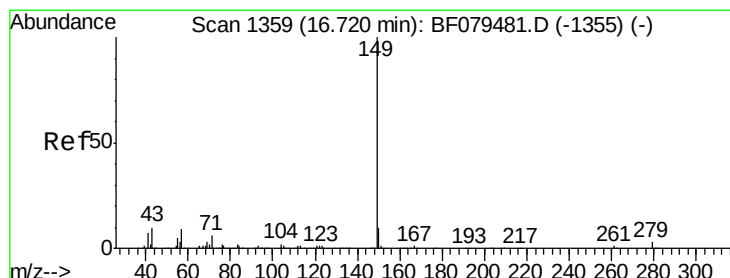
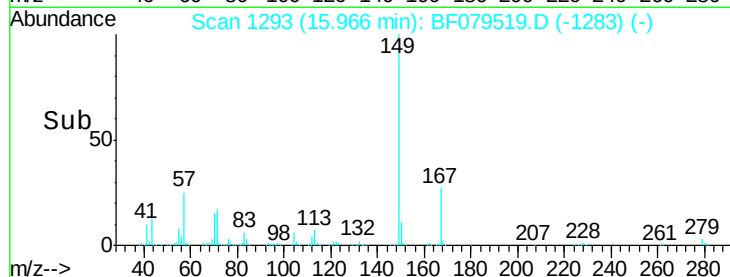
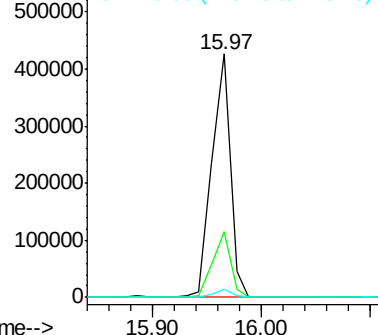
279 3.5 2.0 3.0#

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



#84

Di-n-octyl phthalate

Concen: 50.96 ng

RT: 16.81 min Scan# 1367

Delta R.T. -0.09 min

Lab File: BF079519.D

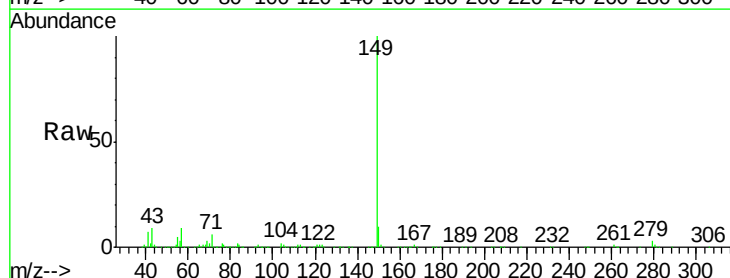
Acq: 27 May 2015 15:23

Tgt Ion:149 Resp: 852732
Ion Ratio Lower Upper

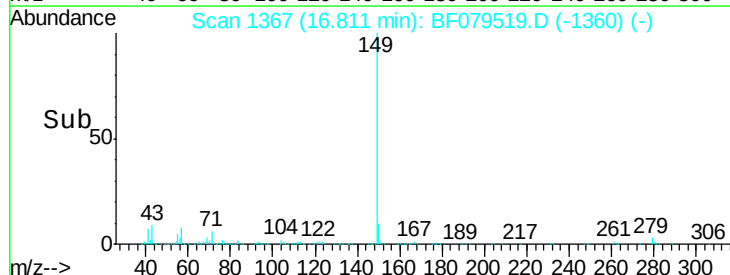
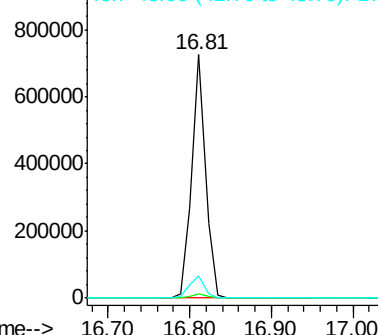
149 100

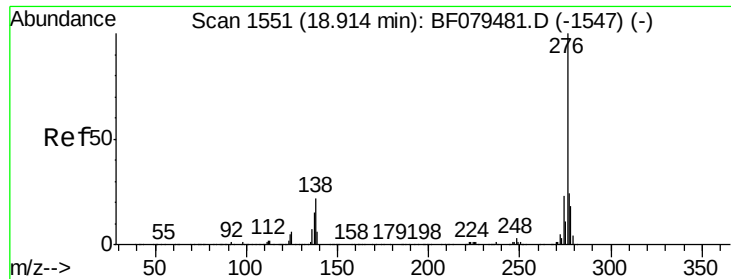
167 1.7 1.2 1.8

43 9.6 7.8 11.6



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





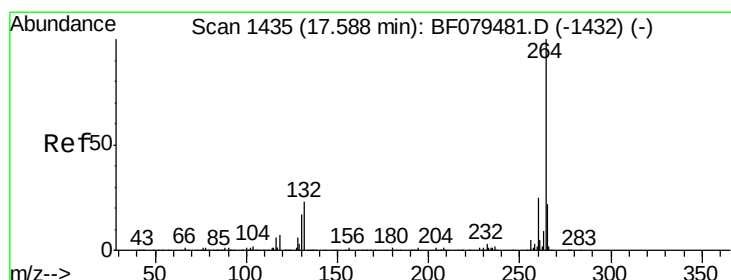
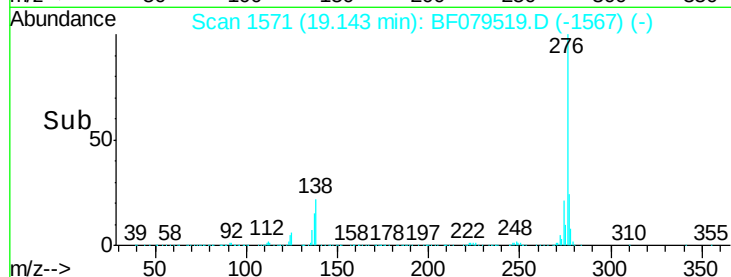
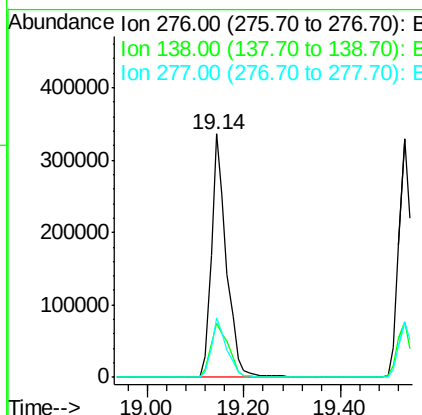
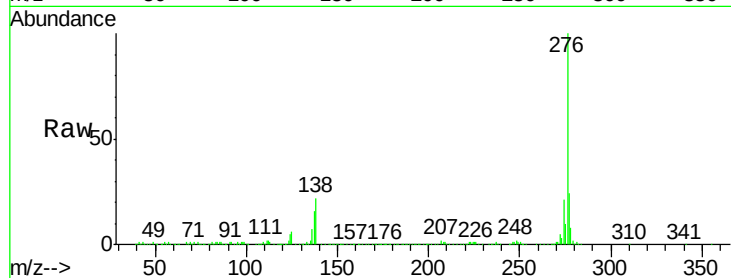
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.66 ng
RT: 19.14 min Scan# 1571
Delta R.T. -0.16 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.4	32.2
277	25.3	19.8	29.6

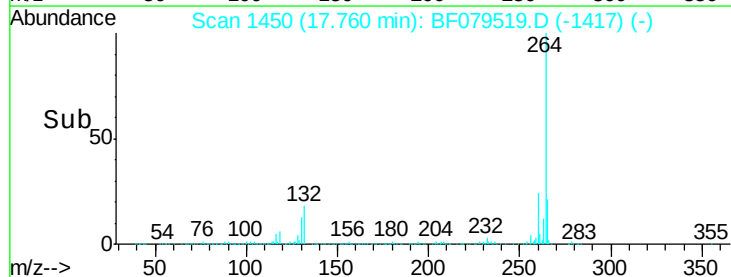
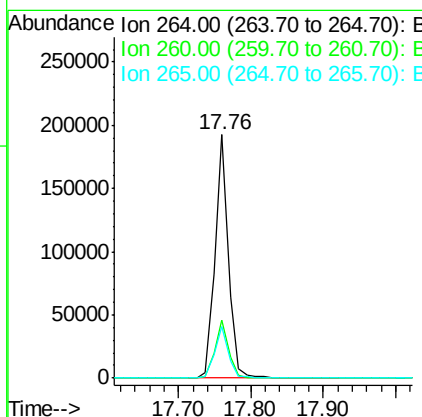
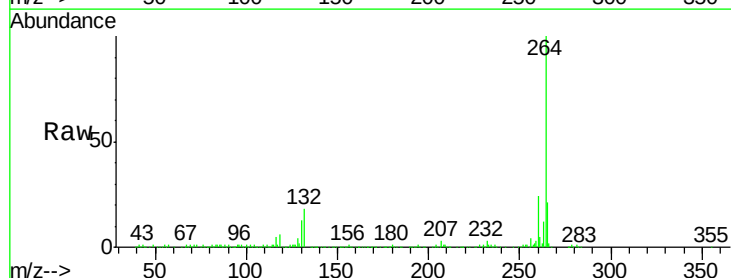
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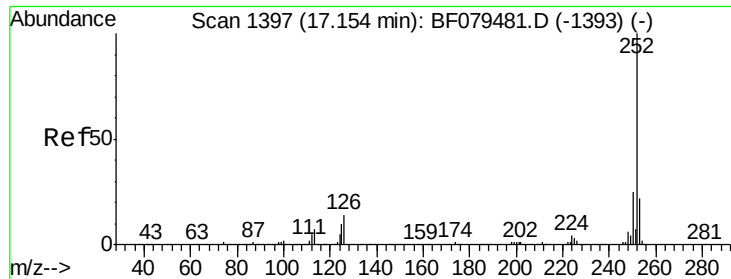
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.13 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 43.88 ng m

RT: 17.27 min Scan# 1407

Delta R.T. -0.11 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

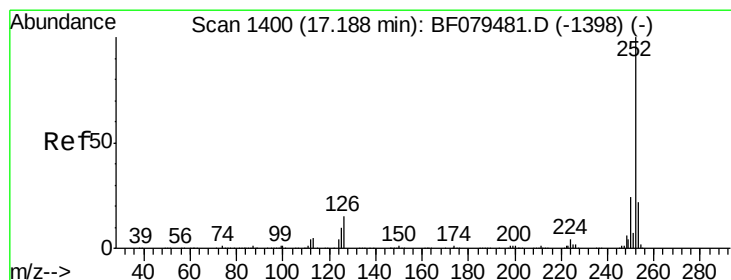
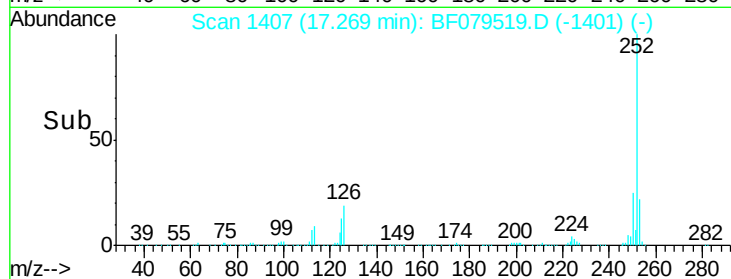
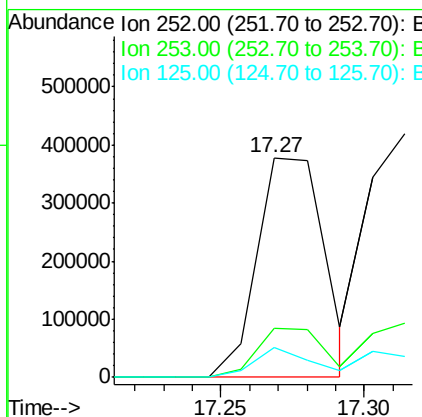
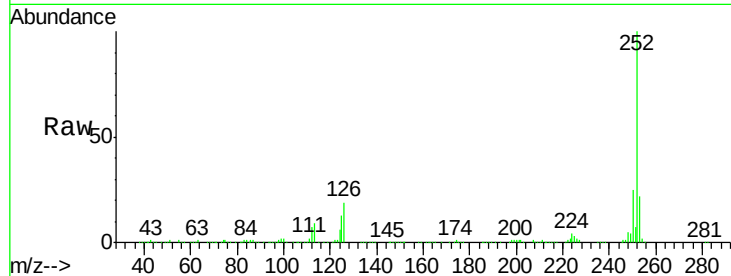
ClientSampleId :

PB83614BS

Tgt Ion:	252	Resp:	615800
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	13.3	7.8	11.6

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#88

Benzo(k)fluoranthene

Concen: 46.66 ng

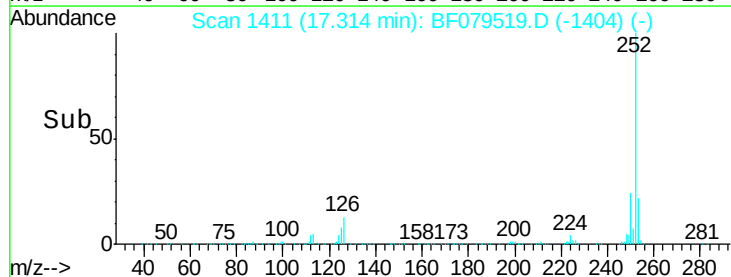
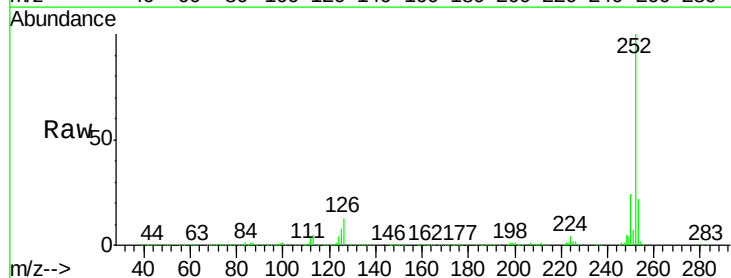
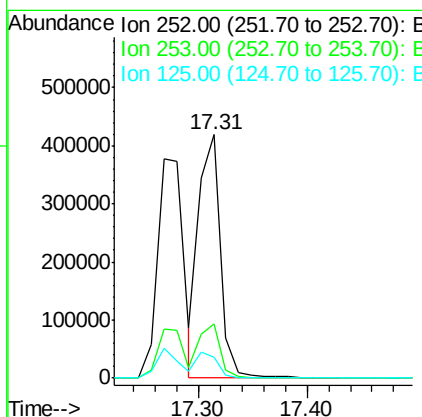
RT: 17.31 min Scan# 1411

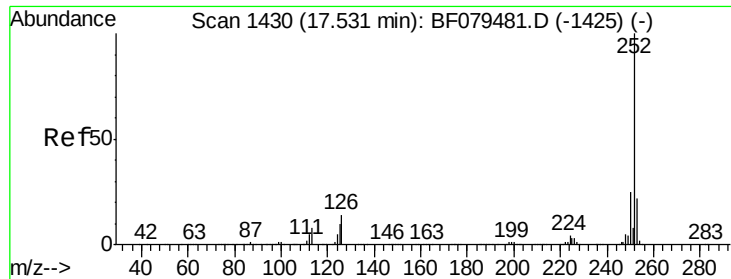
Delta R.T. -0.10 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Tgt Ion:	252	Resp:	585527
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.2	25.8
125	8.4	6.8	10.2





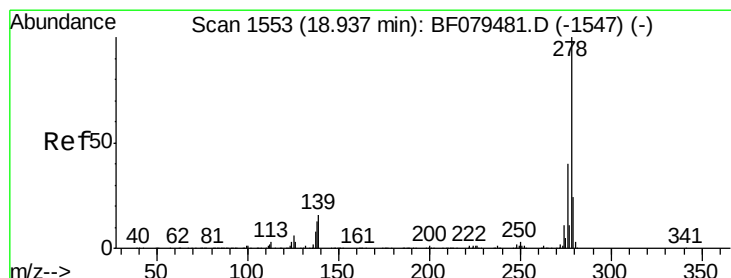
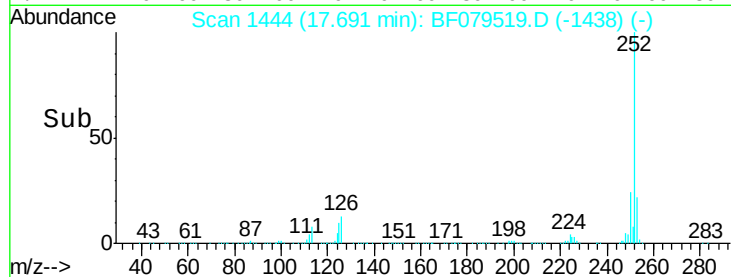
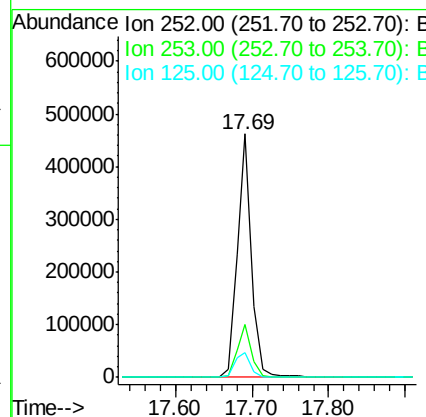
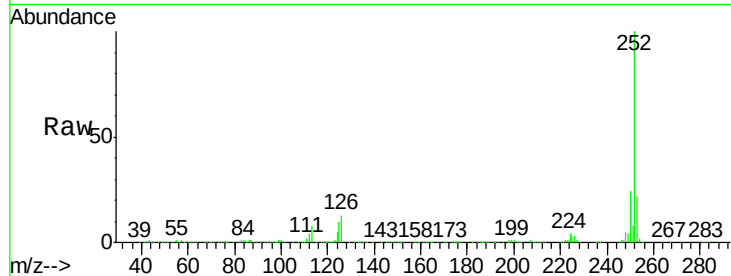
#89
Benzo(a)pyrene
Concen: 49.53 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.11 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Instrument :
BNA_F
ClientSampleId :
PB83614BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.0	7.9	11.9

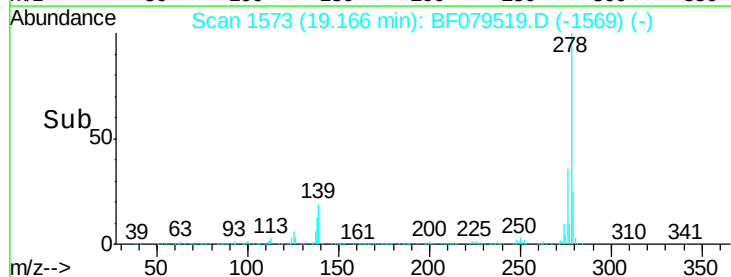
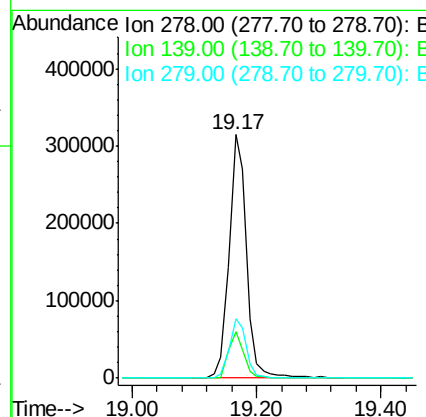
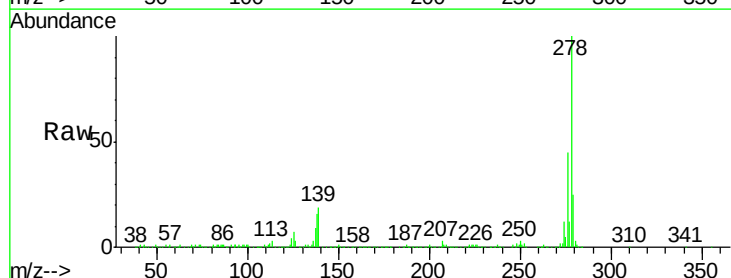
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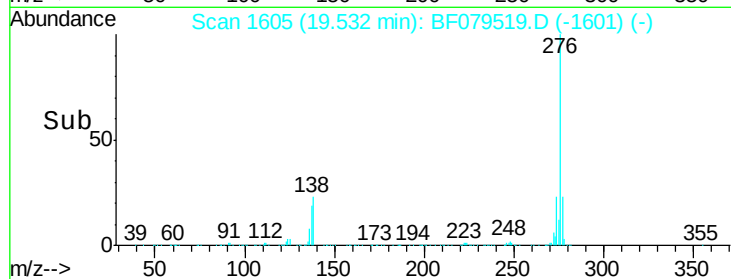
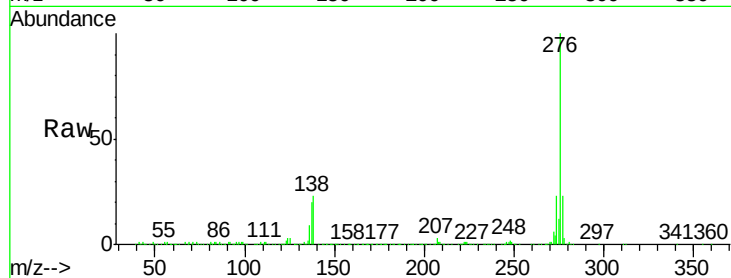
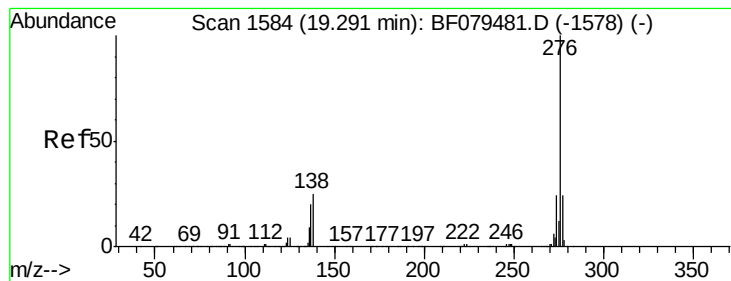
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#90
Dibenzo(a,h)anthracene
Concen: 47.41 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.16 min
Lab File: BF079519.D
Acq: 27 May 2015 15:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.8	19.2#
279	24.5	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 47.14 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.16 min

Lab File: BF079519.D

Acq: 27 May 2015 15:23

Instrument :

BNA_F

ClientSampleId :

PB83614BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		607259		
277	23.3	19.1	28.7		
138	23.3	20.1	30.1		

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