

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079626.D
 Acq On : 31 May 2015 4:20
 Operator : TP/IZ
 Sample : G2309-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Quant Time: May 31 05:54:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	79229	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	322329	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	159659	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	294943	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	308490	20.00	ng	-0.06
86) Perylene-d12	17.49	264	301875	20.00	ng	-0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	241639	52.90	ng	-0.02
7) Phenol-d6	6.54	99	201904	34.68	ng	-0.02
23) Nitrobenzene-d5	7.63	82	385555	69.14	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	196402	112.00	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	811275	72.49	ng	-0.02
78) Terphenyl-d14	14.50	244	823513	62.65	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	29725	13.68	ng	# 100
3) Pyridine	2.41	79	62306	13.02	ng	96
4) n-Nitrosodimethylamine	2.33	42	32789	13.92	ng	97
6) Aniline	6.52	93	109670	13.27	ng	94
8) 2-Chlorophenol	6.67	128	156479	29.43	ng	96
9) Benzaldehyde	6.39	77	24093	5.27	ng	94
10) Phenol	6.56	94	79628	11.62	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	194031	39.13	ng	88
12) 1,3-Dichlorobenzene	6.86	146	193650	32.87	ng	95
13) 1,4-Dichlorobenzene	6.96	146	192505	32.03	ng	97
14) 1,2-Dichlorobenzene	7.14	146	186786	33.47	ng	97
15) Benzyl Alcohol	7.14	79	105122	24.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.31	45	272195	37.50	ng	94
17) 2-Methylphenol	7.30	107	101662	24.33	ng	# 95
18) Hexachloroethane	7.55	117	57616	27.85	ng	# 82
19) n-Nitroso-di-n-propylamine	7.47	70	146099	35.66	ng	# 85
20) 3+4-Methylphenols	7.50	107	124725	21.73	ng	92
22) Acetophenone	7.45	105	287447	39.80	ng	# 99
24) Nitrobenzene	7.66	77	194323	35.36	ng	96
25) Isophorone	7.96	82	380025	37.39	ng	100
26) 2-Nitrophenol	8.06	139	89894	34.55	ng	99
27) 2,4-Dimethylphenol	8.14	122	152768	32.66	ng	99
28) bis(2-Chloroethoxy)methane	8.25	93	248924	39.51	ng	99
29) 2,4-Dichlorophenol	8.36	162	152844	35.67	ng	97
30) 1,2,4-Trichlorobenzene	8.44	180	158297	35.62	ng	99
31) Naphthalene	8.54	128	610781	39.49	ng	99
32) Benzoic acid	8.26	122	34588	11.92	ng	94
33) 4-Chloroaniline	8.63	127	144743	22.40	ng	99
34) Hexachlorobutadiene	8.70	225	85678	33.89	ng	97
35) Caprolactam	9.06	113	9328	6.90	ng	# 89
36) 4-Chloro-3-methylphenol	9.24	107	146164	32.89	ng	98
37) 2-Methylnaphthalene	9.39	142	398310	37.09	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	156790	35.11	ng	# 100
40) Hexachlorocyclopentadiene	9.59	237	15275	21.74	ng	95

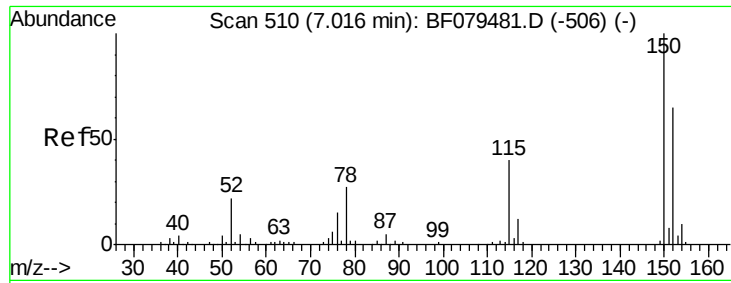
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079626.D
 Acq On : 31 May 2015 4:20
 Operator : TP/IZ
 Sample : G2309-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Quant Time: May 31 05:54:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	108301	34.73	ng	99
43) 2,4,5-Trichlorophenol	9.82	196	111123	35.80	ng	98
45) 1,1'-Biphenyl	9.98	154	456830	36.63	ng	98
46) 2-Chloronaphthalene	10.00	162	367524	37.32	ng	95
47) 2-Nitroaniline	10.14	65	107403	36.68	ng	# 82
48) Acenaphthylene	10.50	152	588807	36.02	ng	99
49) Dimethylphthalate	10.38	163	468430	39.82	ng	100
50) 2,6-Dinitrotoluene	10.46	165	87996	37.44	ng	98
51) Acenaphthene	10.72	154	354817	37.96	ng	98
52) 3-Nitroaniline	10.65	138	78783	25.77	ng	90
53) 2,4-Dinitrophenol	10.81	184	15192	27.00	ng	93
54) Dibenzofuran	10.94	168	525420	38.11	ng	94
55) 4-Nitrophenol	10.94	139	247015	145.71	ng	# 15
56) 2,4-Dinitrotoluene	10.95	165	114899	36.45	ng	99
57) Fluorene	11.36	166	438850	38.62	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.10	232	90029	39.85	ng	# 100
59) Diethylphthalate	11.24	149	437484	37.99	ng	94
60) 4-Chlorophenyl-phenylether	11.37	204	194234	39.55	ng	89
61) 4-Nitroaniline	11.41	138	89383	31.38	ng	92
62) Azobenzene	11.57	77	451341	40.30	ng	94
64) 4,6-Dinitro-2-methylphenol	11.46	198	15398	15.82	ng	# 22
65) n-Nitrosodiphenylamine	11.52	169	352905	36.03	ng	99
66) 4-Bromophenyl-phenylether	11.98	248	119473	39.34	ng	# 90
67) Hexachlorobenzene	12.03	284	134323	38.79	ng	# 86
68) Atrazine	12.21	200	115639	43.70	ng	98
69) Pentachlorophenol	12.29	266	114783	86.53	ng	97
70) Phenanthrene	12.54	178	606976	37.51	ng	98
71) Anthracene	12.61	178	623606	37.96	ng	99
72) Carbazole	12.82	167	618138	39.08	ng	98
73) Di-n-butylphthalate	13.28	149	776034	43.83	ng	99
74) Fluoranthene	14.01	202	691292	39.84	ng	97
76) Benzidine	14.21	184	40484	6.13	ng	98
77) Pyrene	14.29	202	715774	37.45	ng	99
79) Butylbenzylphthalate	15.13	149	355522	41.36	ng	90
80) Benzo(a)anthracene	15.77	228	656339	36.98	ng	100
81) 3,3'-Dichlorobenzidine	15.76	252	206008	31.70	ng	99
82) Chrysene	15.82	228	615738	36.50	ng	100
83) Bis(2-ethylhexyl)phthalate	15.85	149	530802	43.11	ng	# 98
84) Di-n-octyl phthalate	16.63	149	897746	41.89	ng	100
87) Benzo(b)fluoranthene	17.05	252	796543	46.27	ng	99
88) Benzo(k)fluoranthene	17.05	252	796543	51.74	ng	# 98
89) Benzo(a)pyrene	17.43	252	635652	41.97	ng	99
90) Dibenzo(a,h)anthracene	18.79	278	630475	39.74	ng	99
91) Benzo(g,h,i)perylene	19.14	276	642793	40.82	ng	96

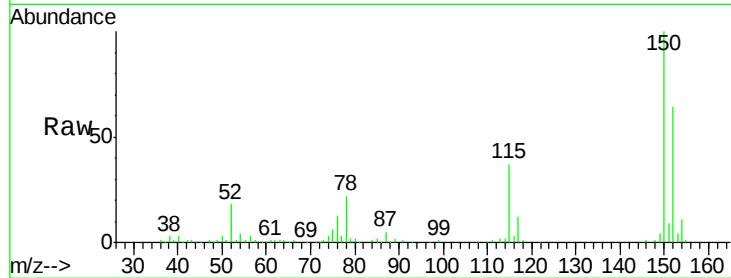
(#) = qualifier out of range (m) = manual integration (+) = signals summed



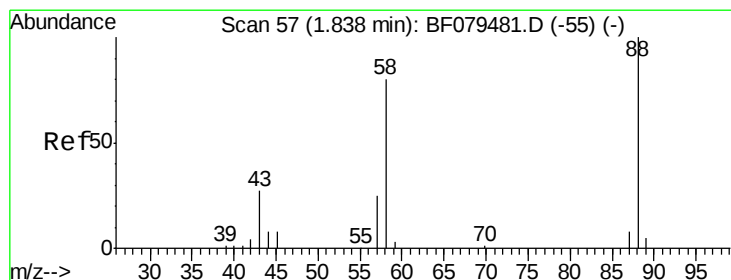
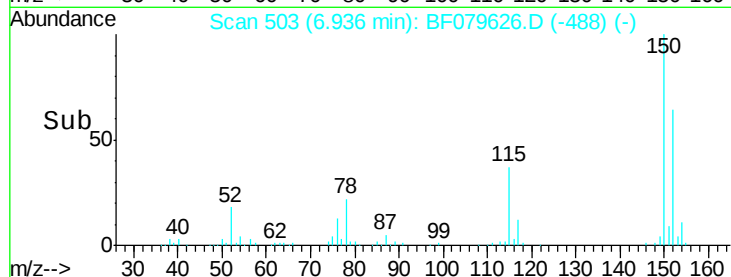
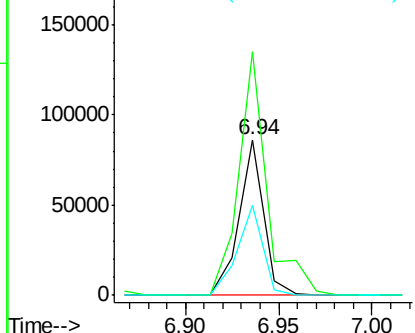
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:152 Resp: 79229
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.0 186.0
 115 57.7 49.6 74.4

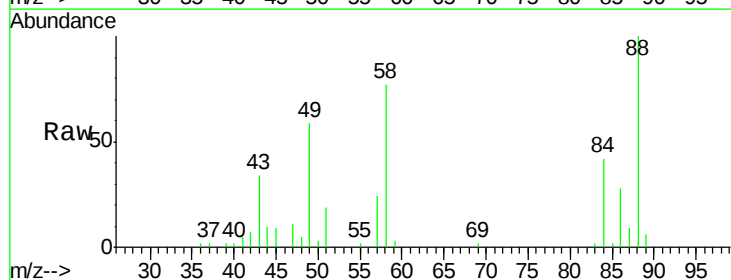


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

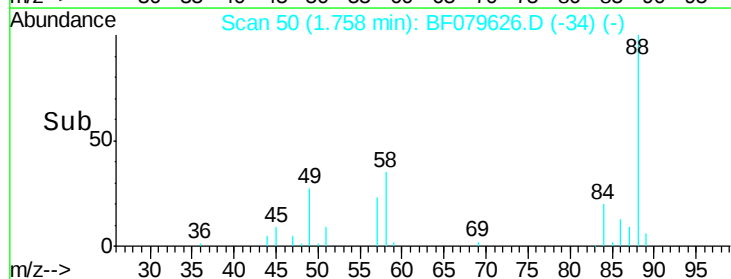
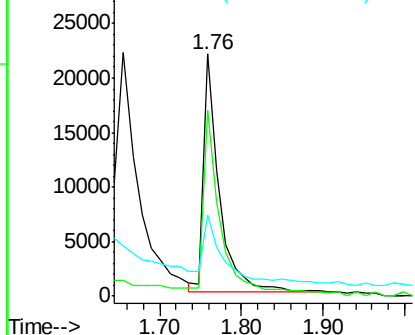


#2
 1,4-Dioxane
 Concen: 13.68 ng
 RT: 1.76 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 88 Resp: 29725
 Ion Ratio Lower Upper
 88 100
 58 78.4 0.0 0.0#
 43 38.2 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.02 ng

RT: 2.41 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

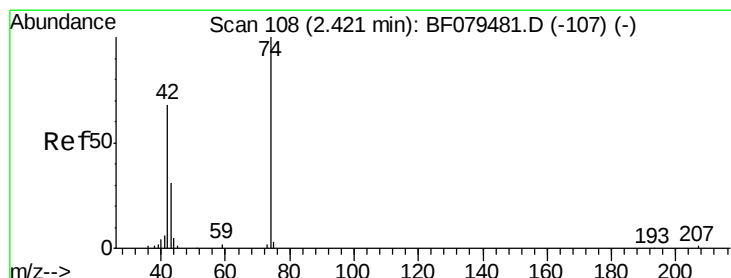
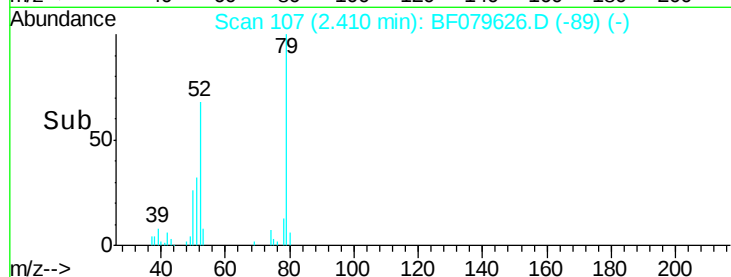
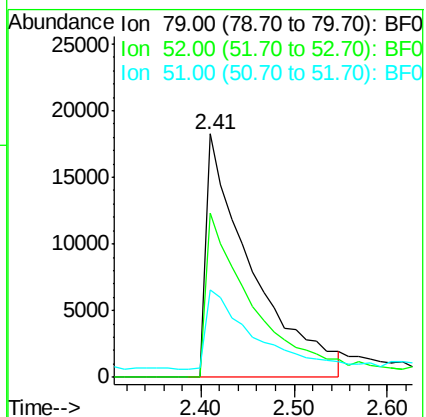
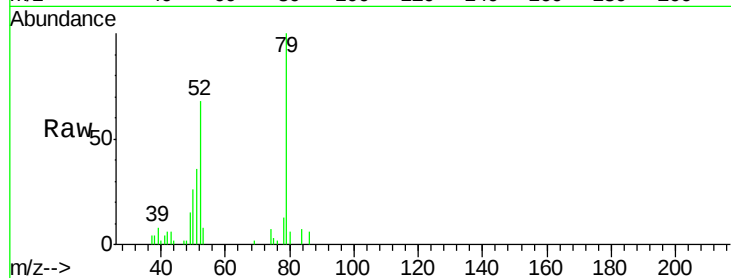
Tgt Ion: 79 Resp: 62306

Ion Ratio Lower Upper

79 100

52 67.6 57.4 86.2

51 35.8 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 13.92 ng

RT: 2.33 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

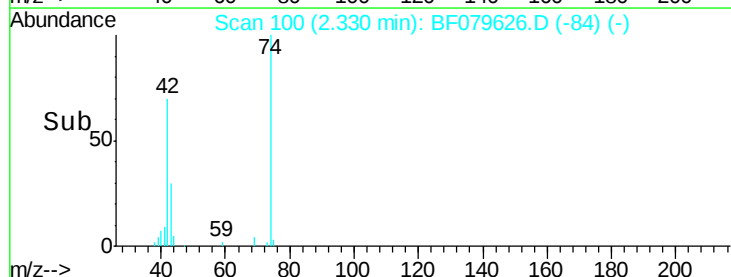
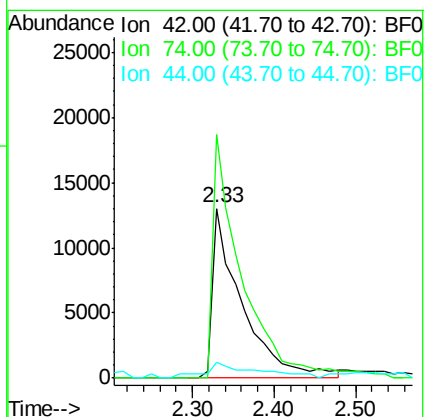
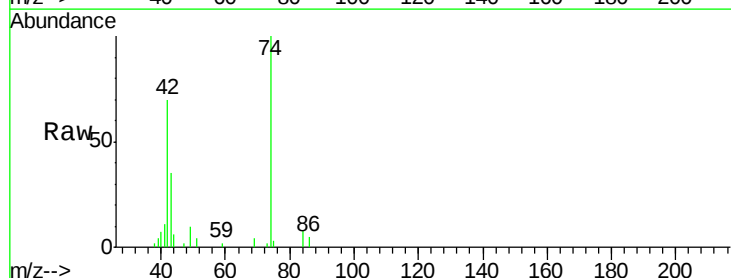
Tgt Ion: 42 Resp: 32789

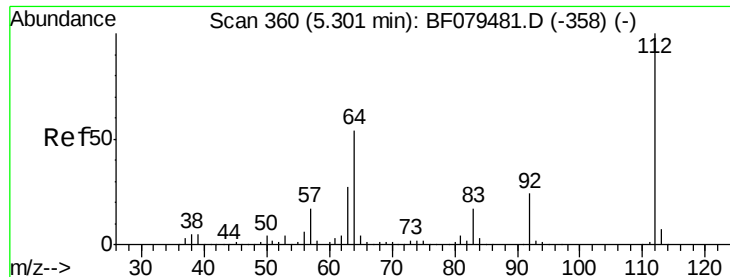
Ion Ratio Lower Upper

42 100

74 143.4 117.6 176.4

44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 52.90 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

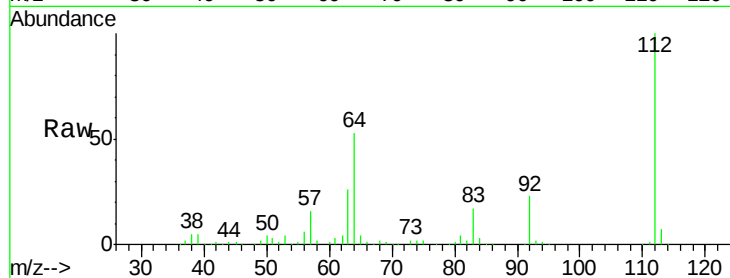
Tgt Ion: 112 Resp: 241639

Ion Ratio Lower Upper

112 100

64 53.0 43.5 65.3

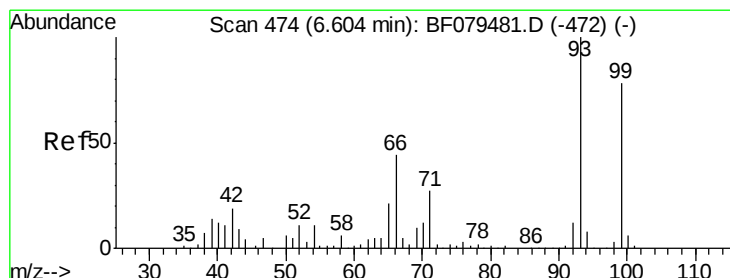
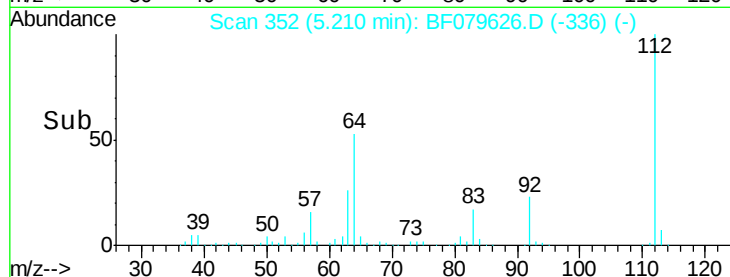
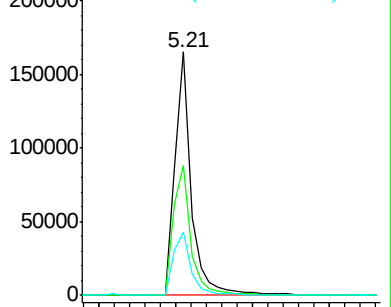
63 26.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.27 ng

RT: 6.52 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

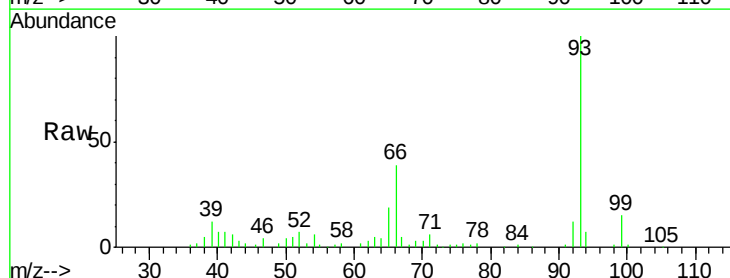
Tgt Ion: 93 Resp: 109670

Ion Ratio Lower Upper

93 100

66 39.1 34.8 52.2

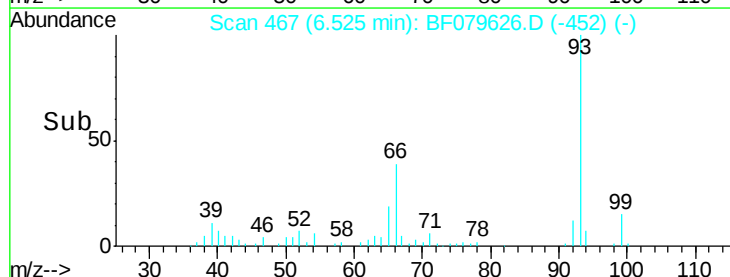
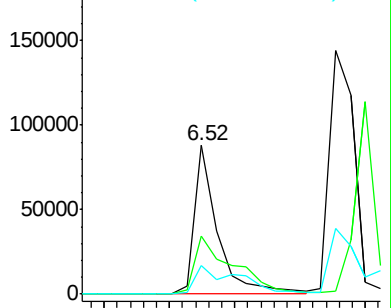
65 19.1 16.7 25.1

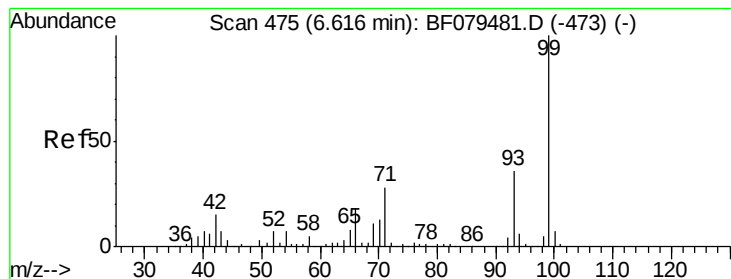


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.68 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

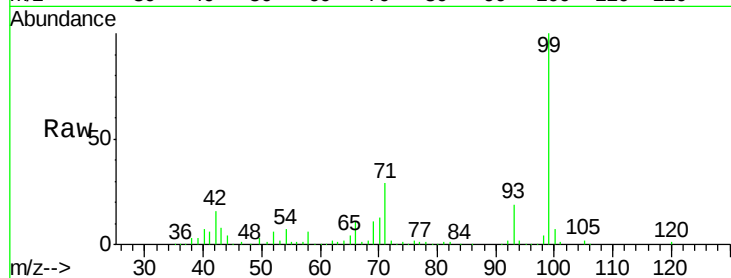
Tgt Ion: 99 Resp: 201904

Ion Ratio Lower Upper

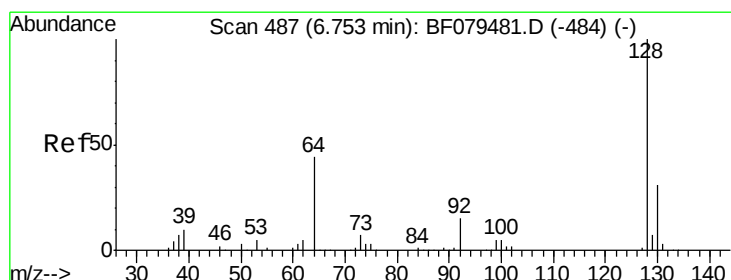
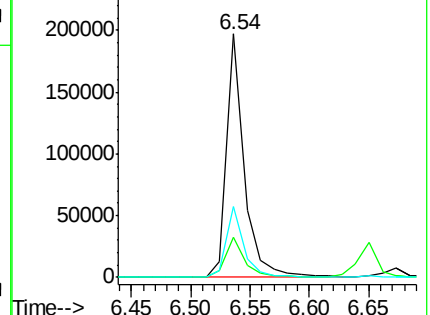
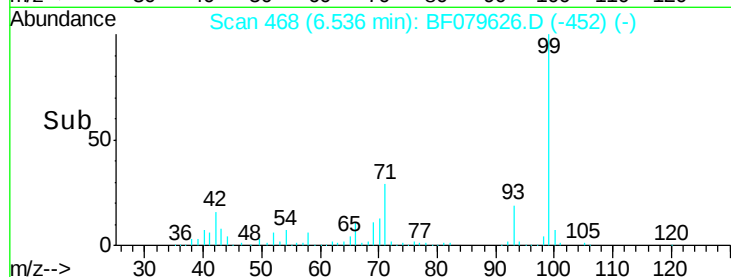
99 100

42 16.4 11.9 17.9

71 29.1 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 29.43 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

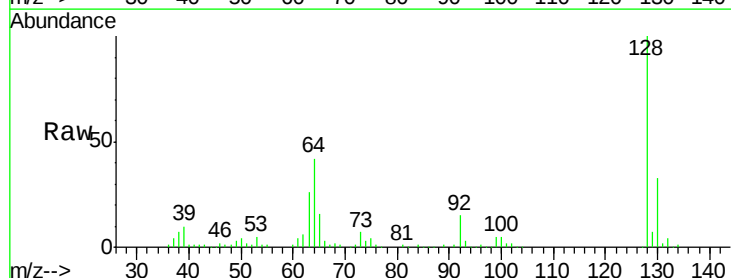
Tgt Ion: 128 Resp: 156479

Ion Ratio Lower Upper

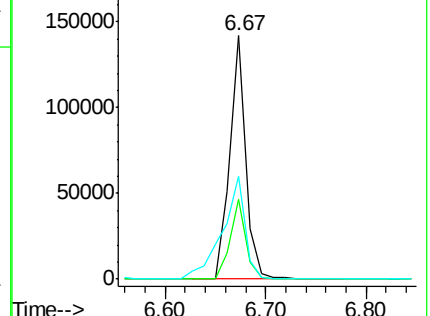
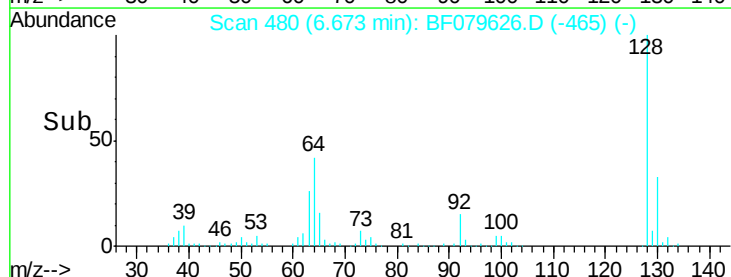
128 100

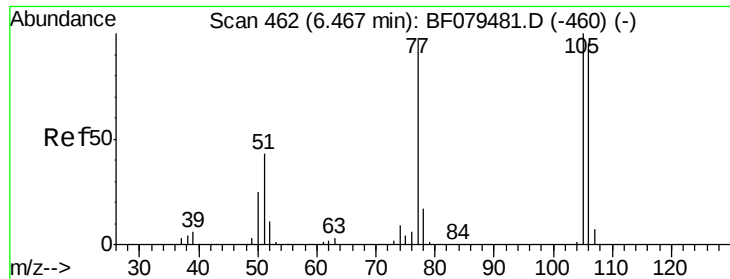
130 33.0 11.4 51.4

64 42.3 25.9 65.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.27 ng

RT: 6.39 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

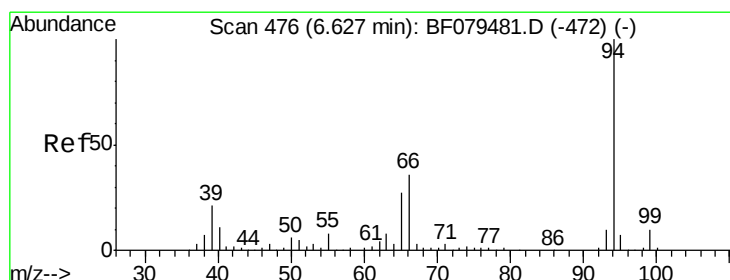
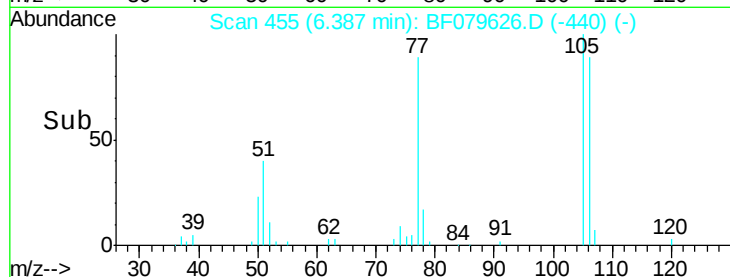
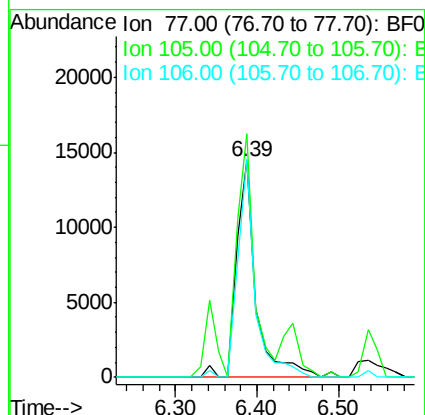
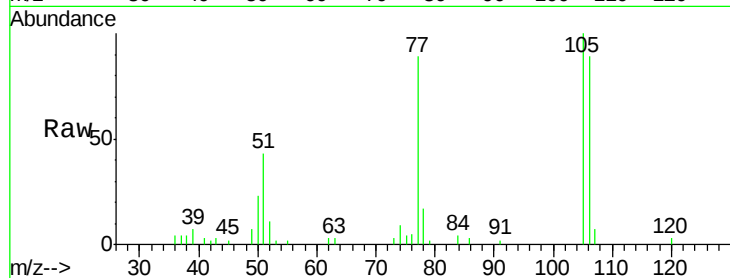
Tgt Ion: 77 Resp: 24093

Ion Ratio Lower Upper

77 100

105 112.5 83.3 123.3

106 100.5 78.4 118.4



#10

Phenol

Concen: 11.62 ng

RT: 6.56 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

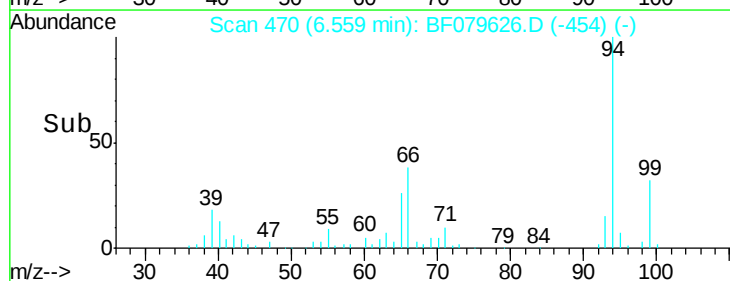
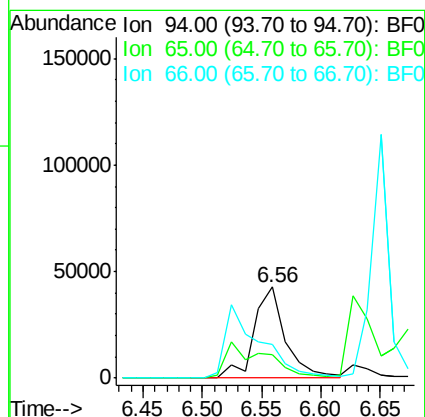
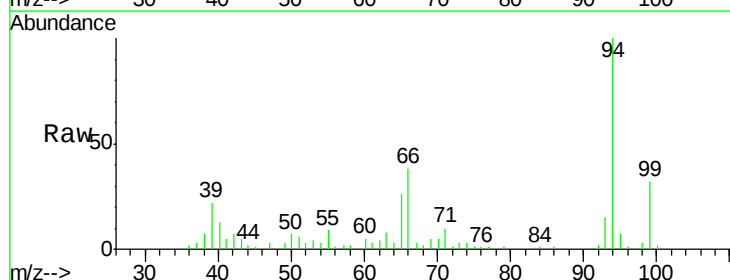
Tgt Ion: 94 Resp: 79628

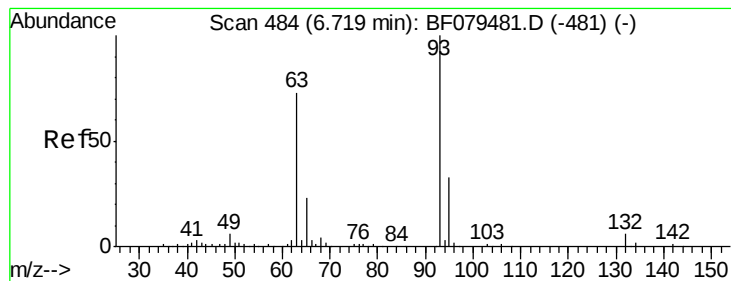
Ion Ratio Lower Upper

94 100

65 26.0 7.2 47.2

66 37.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.13 ng

RT: 6.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

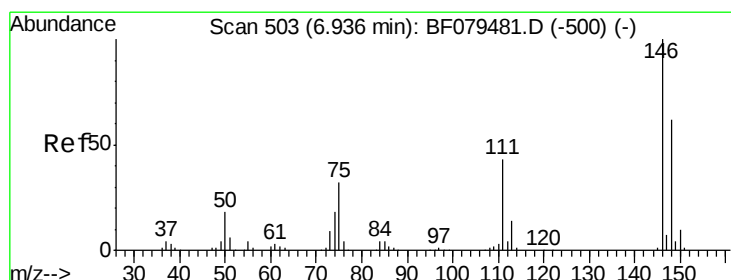
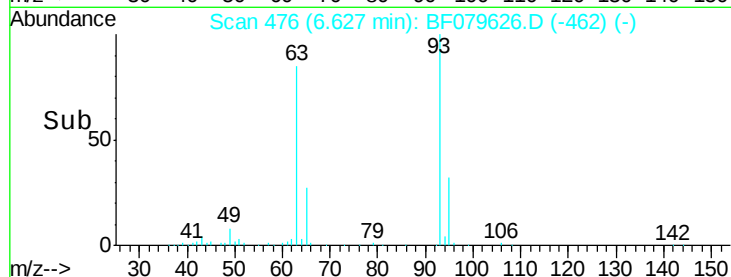
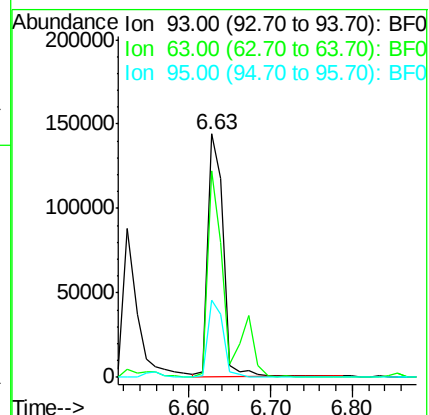
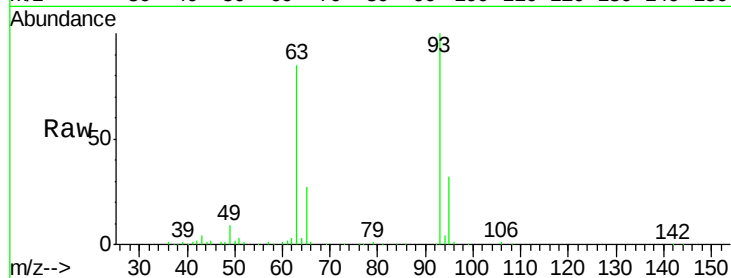
Tgt Ion: 93 Resp: 194031

Ion Ratio Lower Upper

93 100

63 84.9 51.8 91.8

95 31.6 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 32.87 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

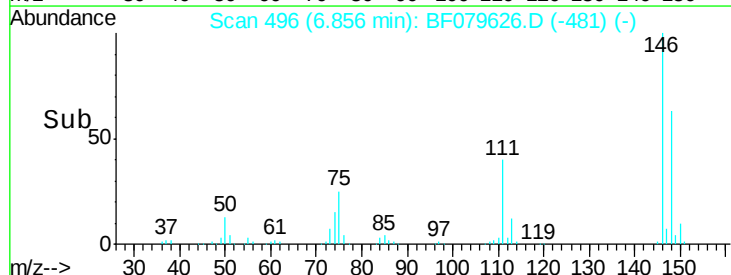
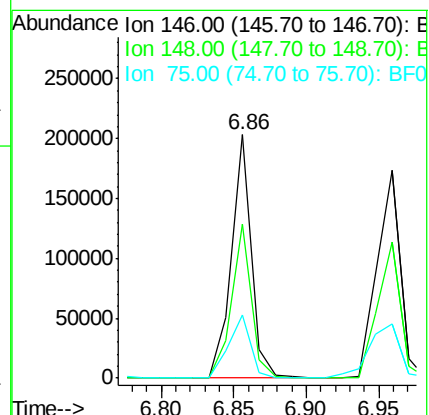
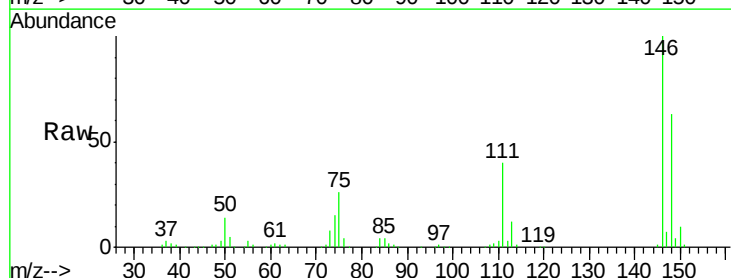
Tgt Ion: 146 Resp: 193650

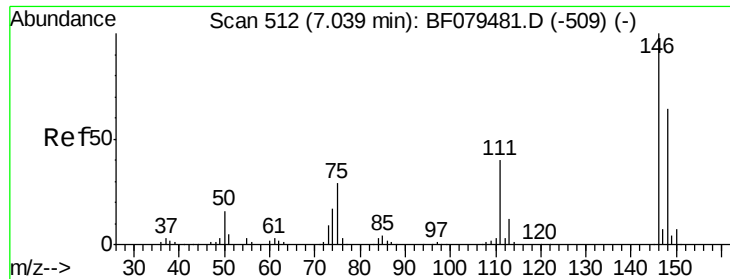
Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

75 26.0 25.9 38.9

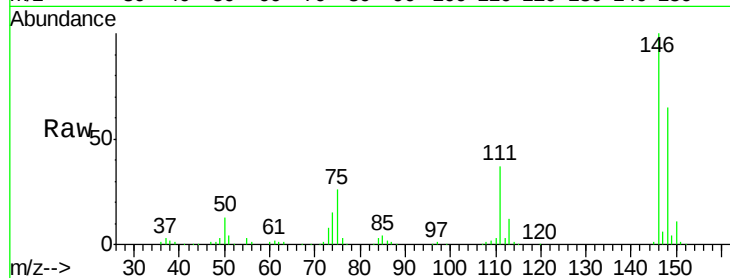




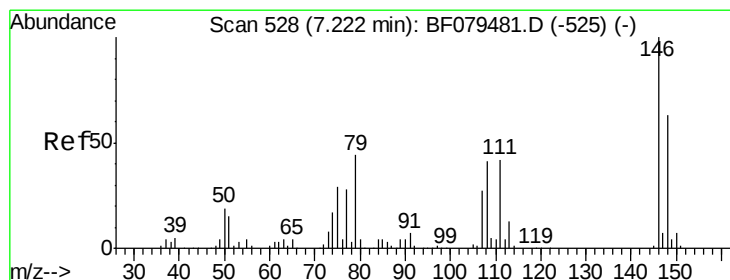
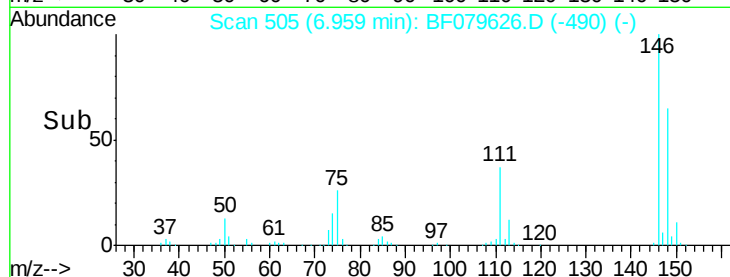
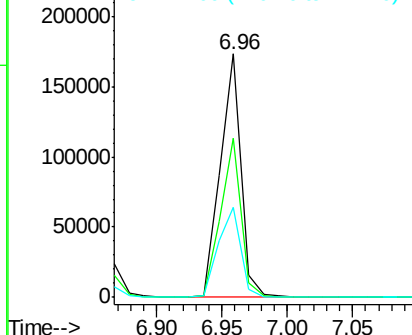
#13
 1,4-Dichlorobenzene
 Concen: 32.03 ng
 RT: 6.96 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:146 Resp: 192505
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.3 76.9
 111 37.1 31.8 47.8

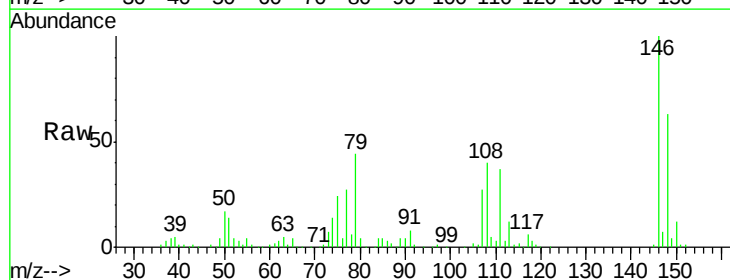


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

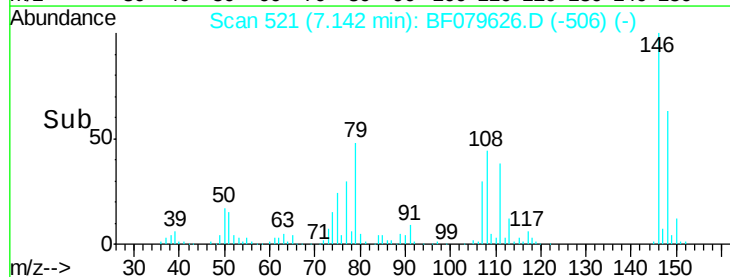
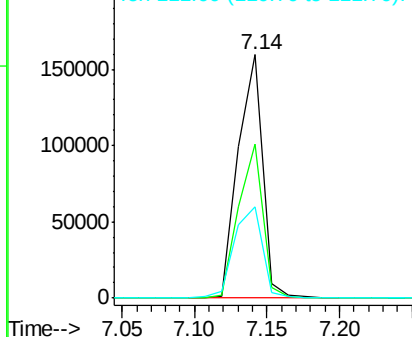


#14
 1,2-Dichlorobenzene
 Concen: 33.47 ng
 RT: 7.14 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:146 Resp: 186786
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 37.3 33.2 49.8



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

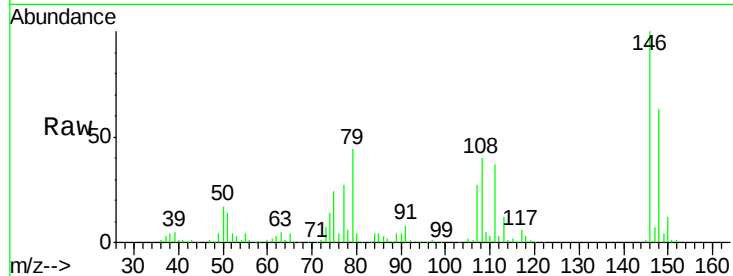




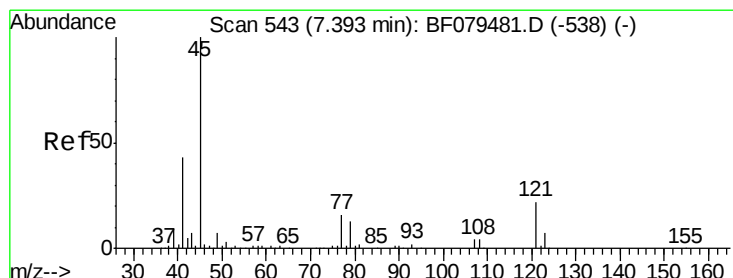
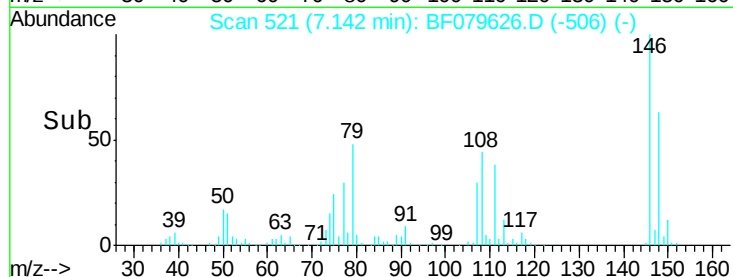
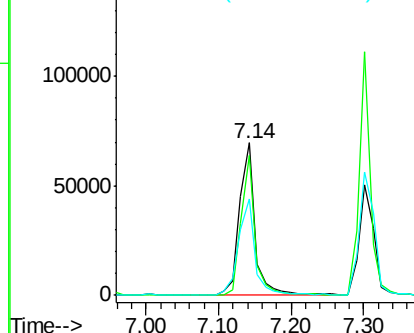
#15
Benzyl Alcohol
Concen: 24.57 ng
RT: 7.14 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion: 79 Resp: 105122
Ion Ratio Lower Upper
79 100
108 91.5 73.7 110.5
77 62.8 51.1 76.7

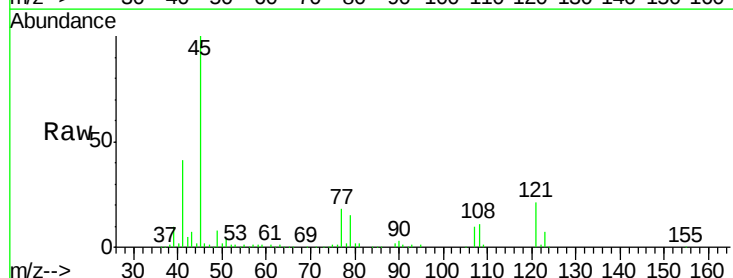


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

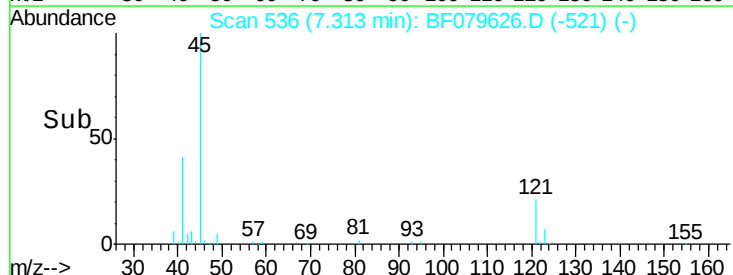
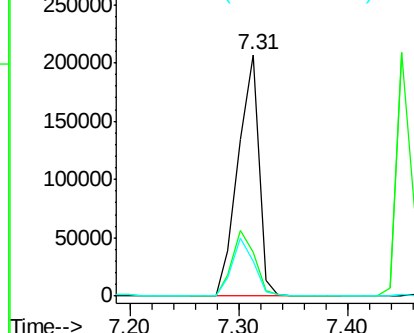


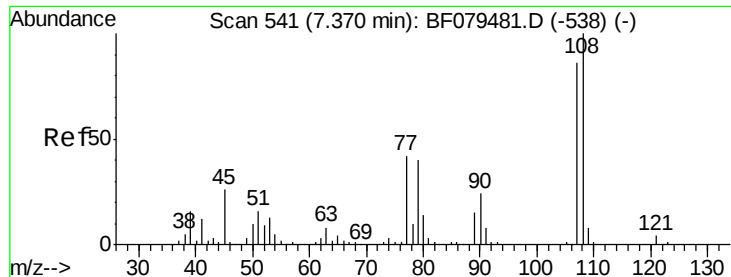
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.50 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion: 45 Resp: 272195
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.5
79 14.7 0.0 32.8



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 24.33 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

Tgt Ion:107 Resp: 101662

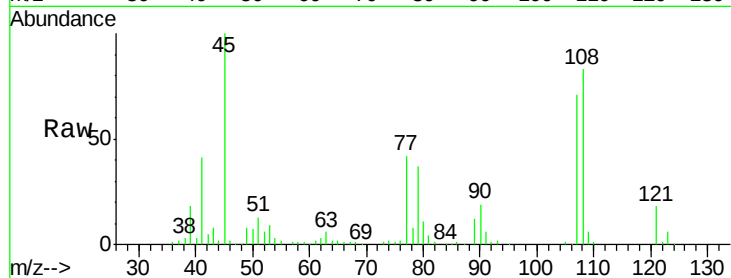
Ion Ratio Lower Upper

107 100

108 116.4 93.1 139.7

77 58.9 39.2 58.8#

79 52.7 37.8 56.8

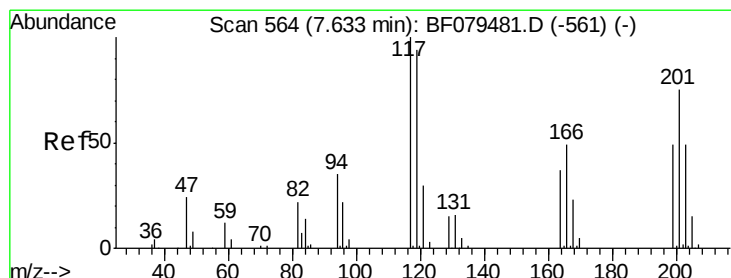
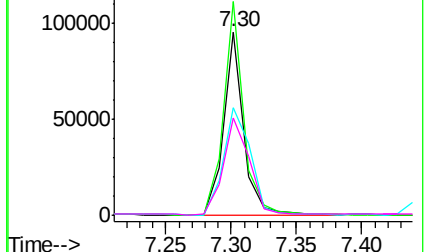
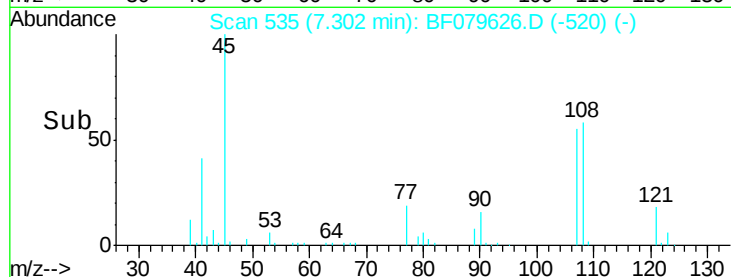


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 27.85 ng

RT: 7.55 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

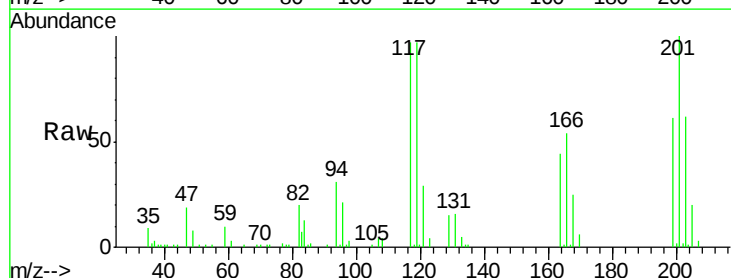
Tgt Ion:117 Resp: 57616

Ion Ratio Lower Upper

117 100

119 99.8 74.9 112.3

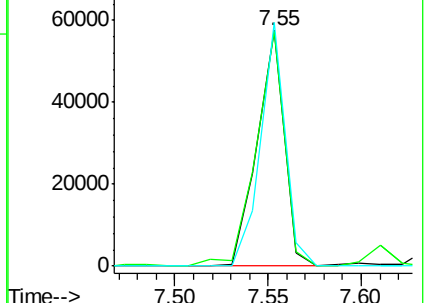
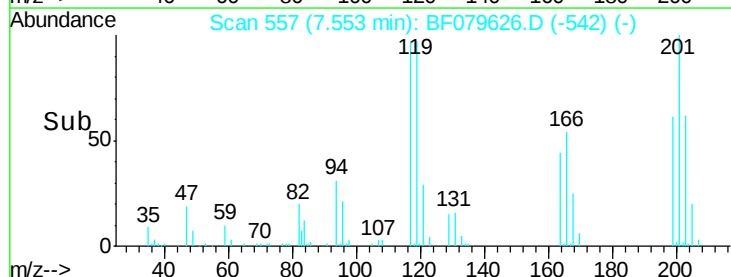
201 103.3 60.2 90.4#

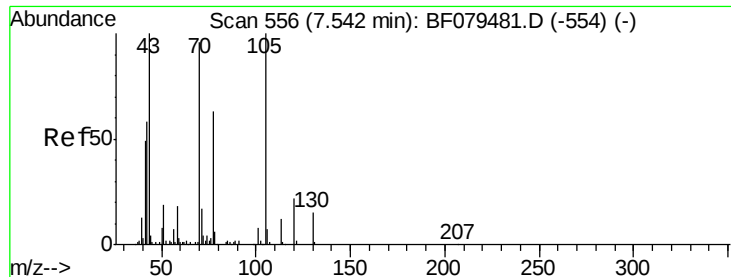


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

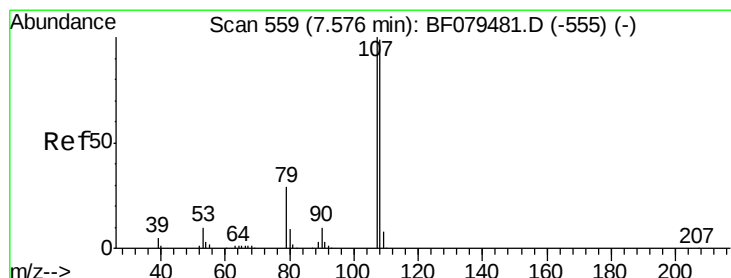
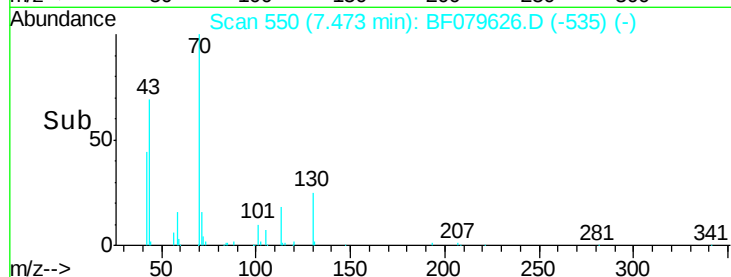
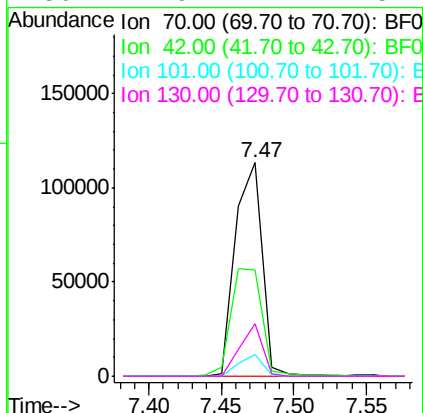
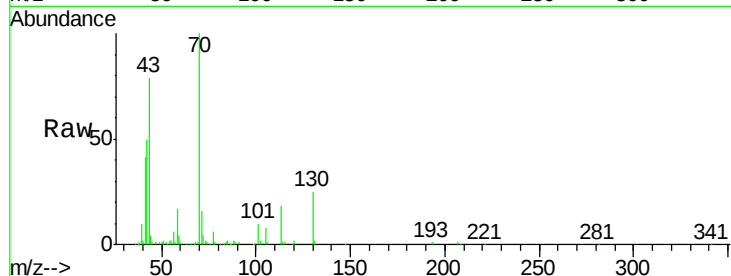




#19
n-Nitroso-di-n-propylamine
Concen: 35.66 ng
RT: 7.47 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

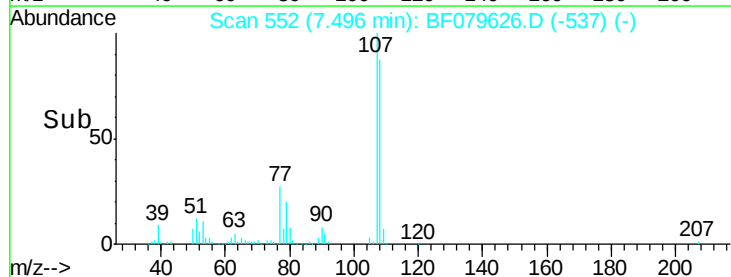
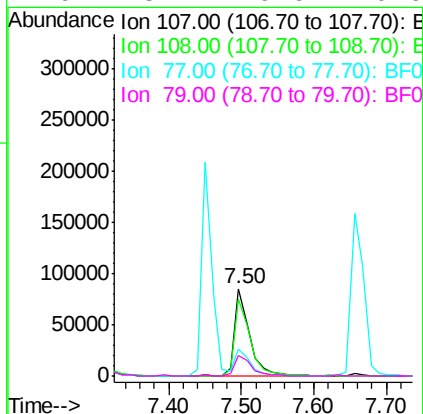
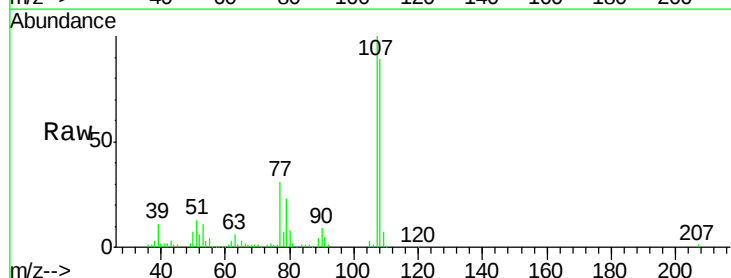
Instrument :
BNA_F
ClientSampleId :
PX4MSD

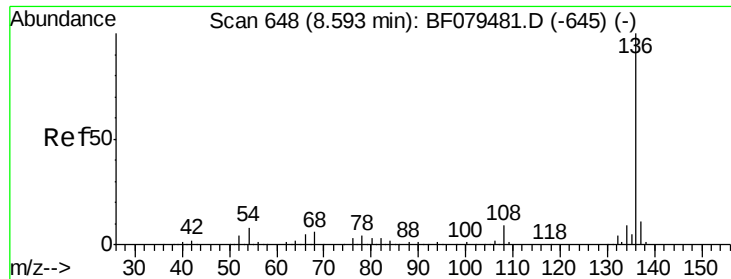
Tgt Ion:	70	Resp:	146099
Ion	Ratio	Lower	Upper
70	100		
42	50.1	48.8	73.2
101	10.3	6.6	9.8#
130	24.9	12.2	18.4#



#20
3+4-Methylphenols
Concen: 21.73 ng
RT: 7.50 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion:	107	Resp:	124725
Ion	Ratio	Lower	Upper
107	100		
108	88.6	77.7	117.7
77	30.6	11.4	51.4
79	23.4	9.6	49.6

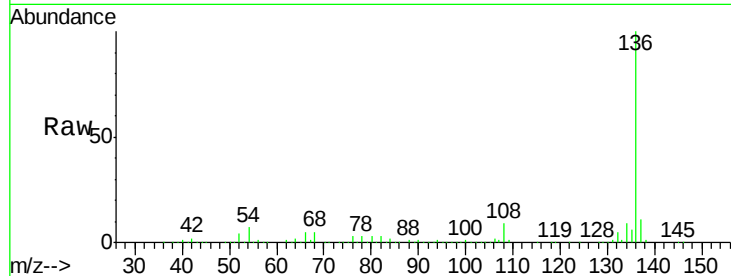




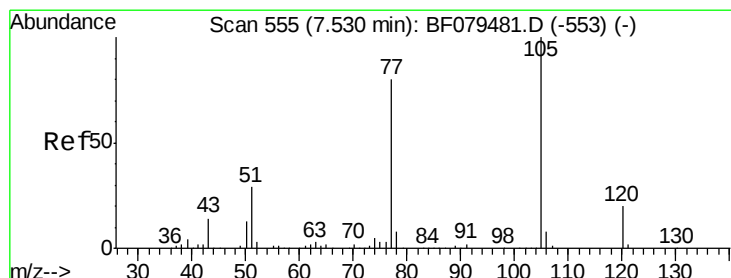
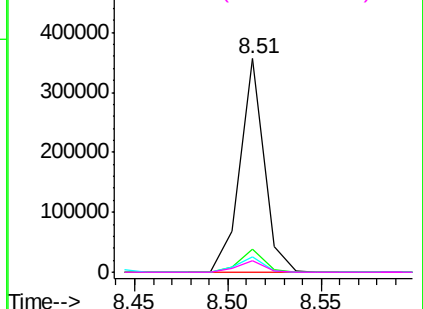
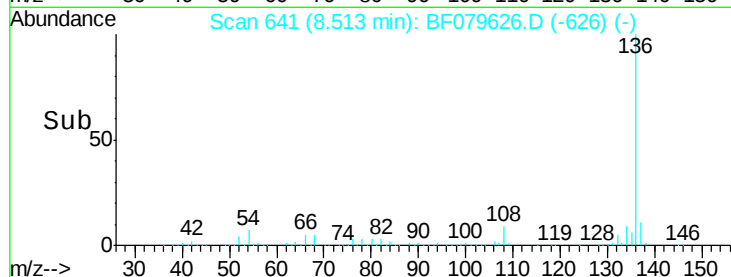
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion:	136	Resp:	322329
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	6.6	9.8
68	5.4	4.7	7.1

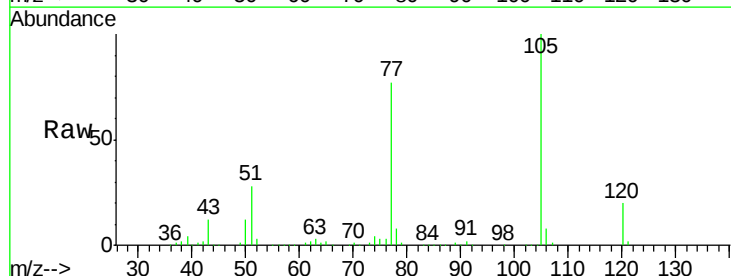


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

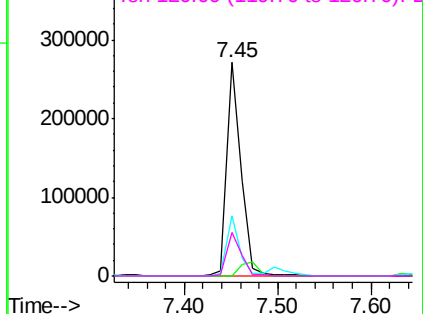
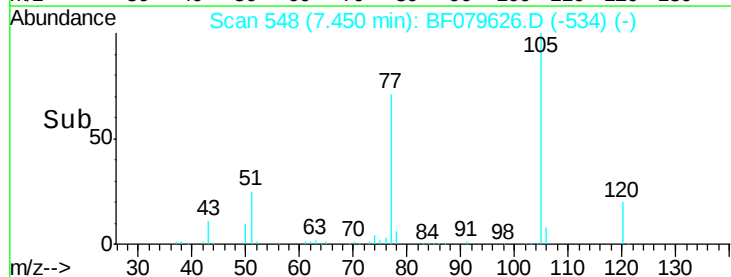


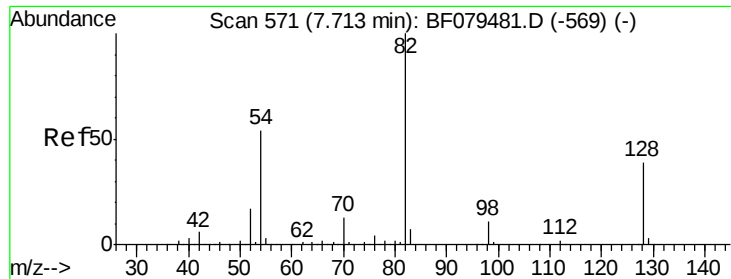
#22
Acetophenone
Concen: 39.80 ng
RT: 7.45 min Scan# 548
Delta R.T. -0.03 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion:	105	Resp:	287447
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.2	0.4#
51	28.3	23.7	35.5
120	20.2	16.2	24.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

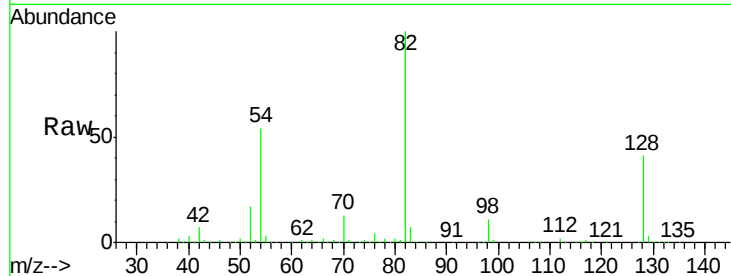




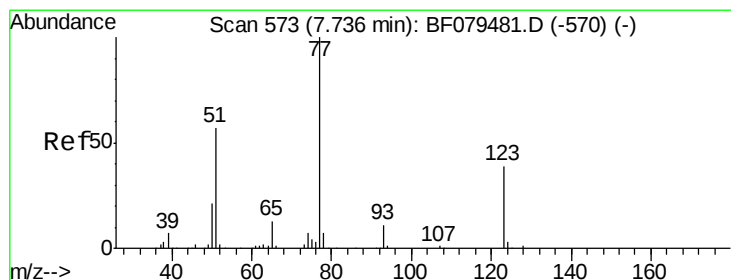
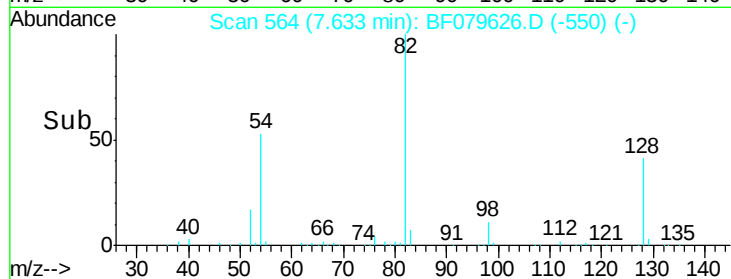
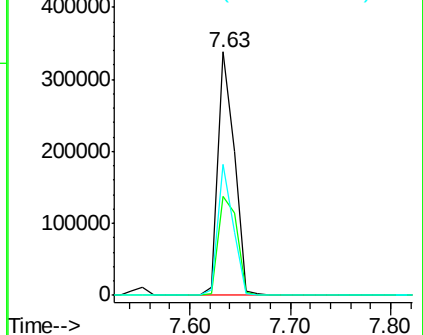
#23
 Nitrobenzene-d5
 Concen: 69.14 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion: 82 Resp: 385555
 Ion Ratio Lower Upper
 82 100
 128 40.5 30.8 46.2
 54 54.0 42.8 64.2

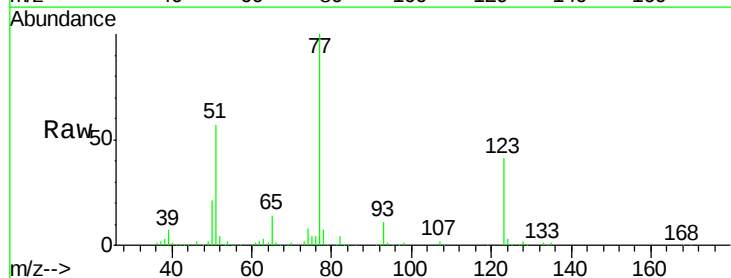


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

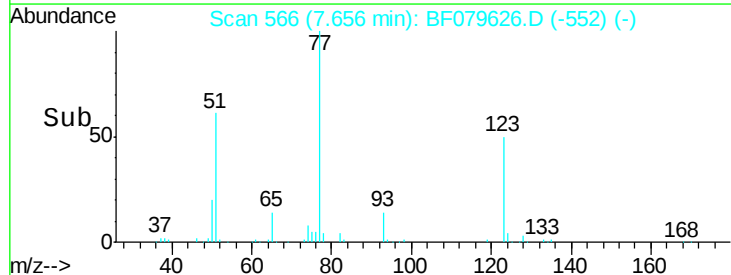
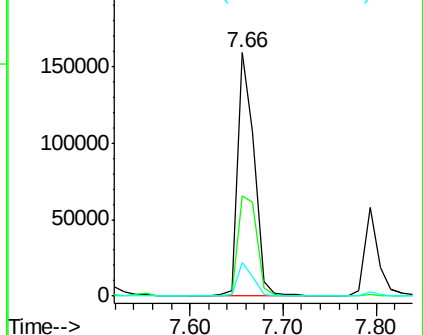


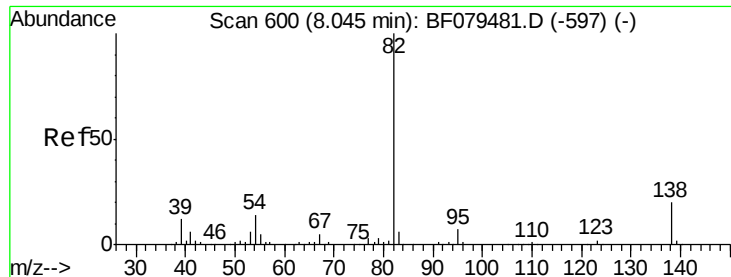
#24
 Nitrobenzene
 Concen: 35.36 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 77 Resp: 194323
 Ion Ratio Lower Upper
 77 100
 123 41.4 31.0 46.4
 65 13.6 10.6 15.8



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





#25

Isophorone

Concen: 37.39 ng

RT: 7.96 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

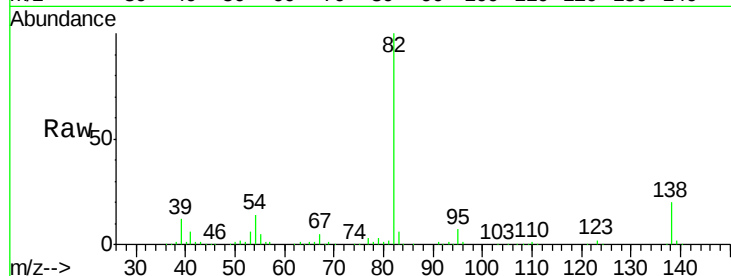
Tgt Ion: 82 Resp: 380025

Ion Ratio Lower Upper

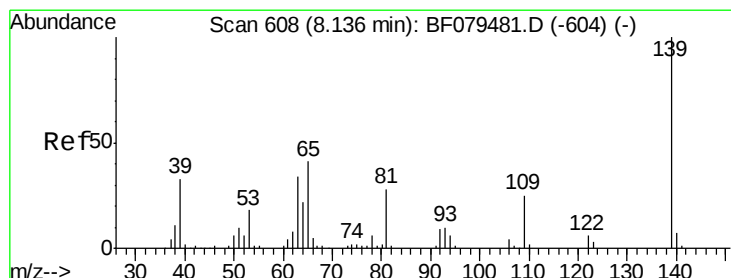
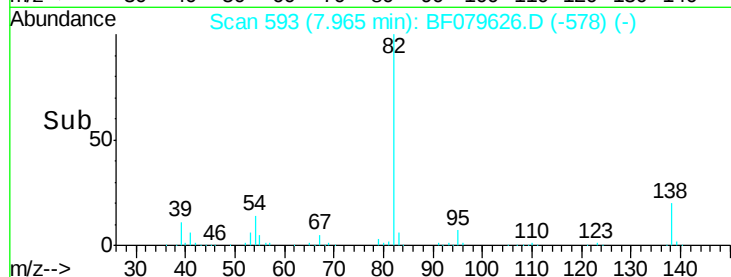
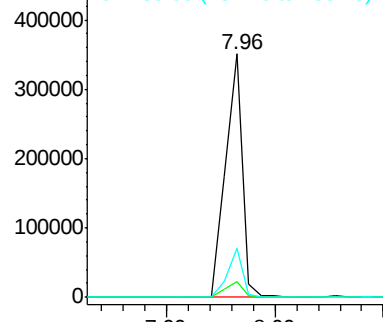
82 100

95 6.7 5.5 8.3

138 20.0 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.55 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

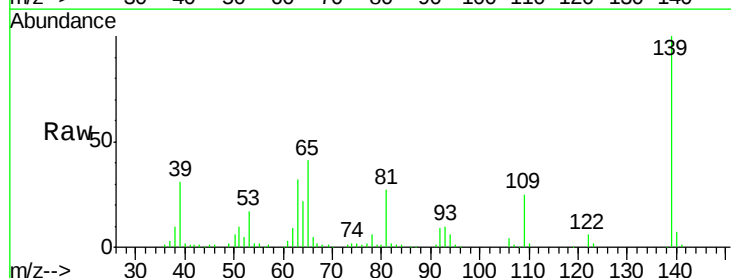
Tgt Ion: 139 Resp: 89894

Ion Ratio Lower Upper

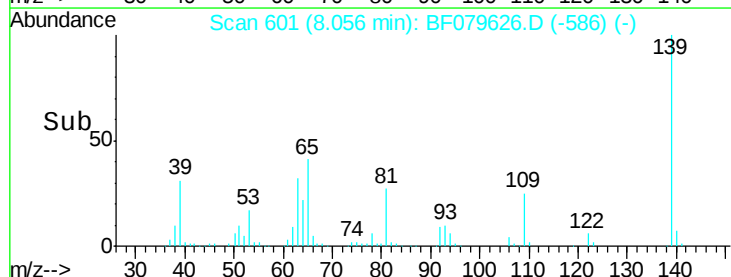
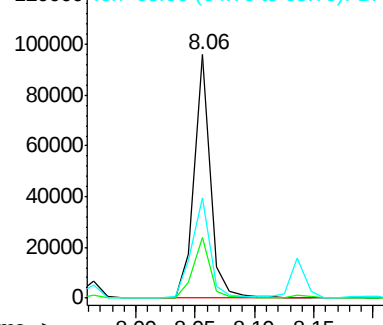
139 100

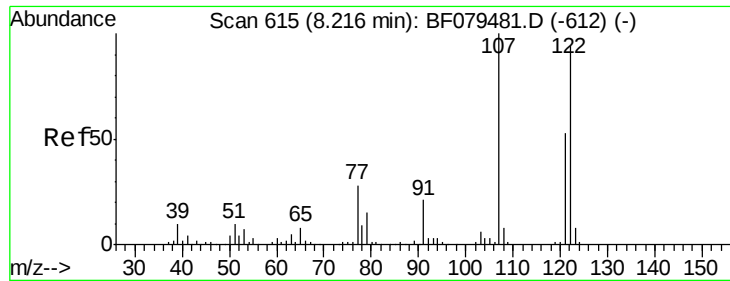
109 24.9 20.2 30.2

65 41.1 32.5 48.7



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

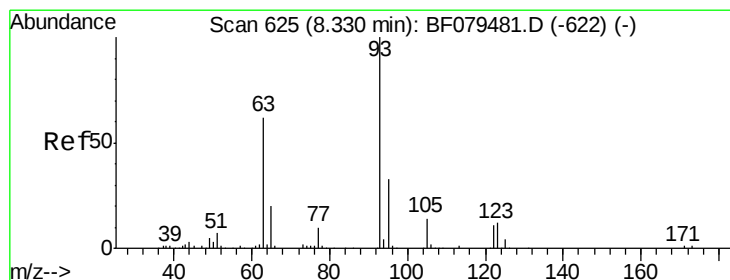
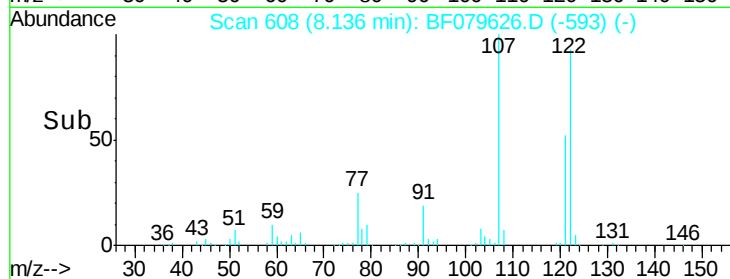
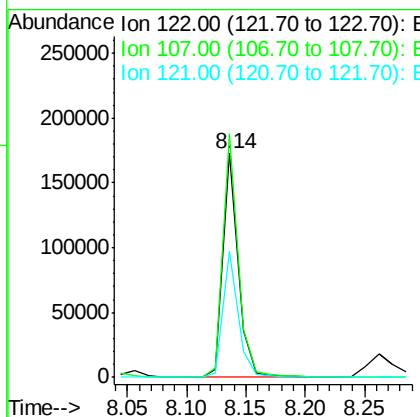
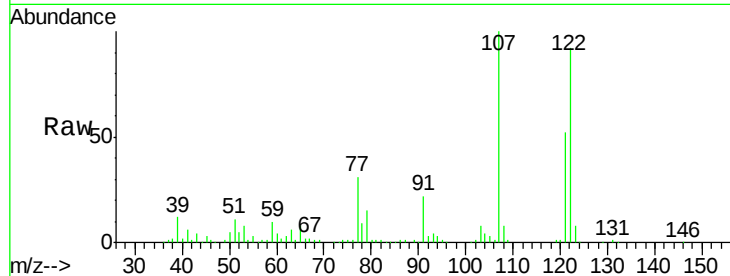




#27
 2,4-Dimethylphenol
 Concen: 32.66 ng
 RT: 8.14 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

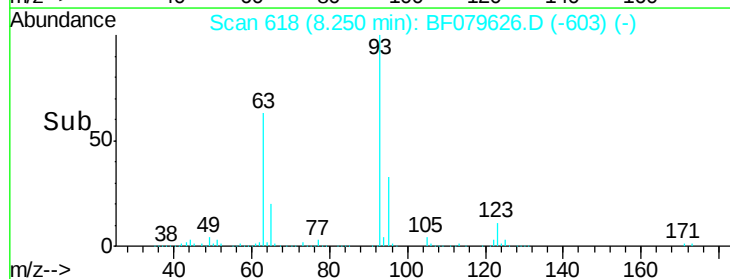
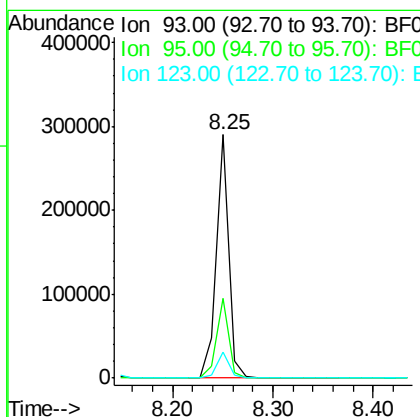
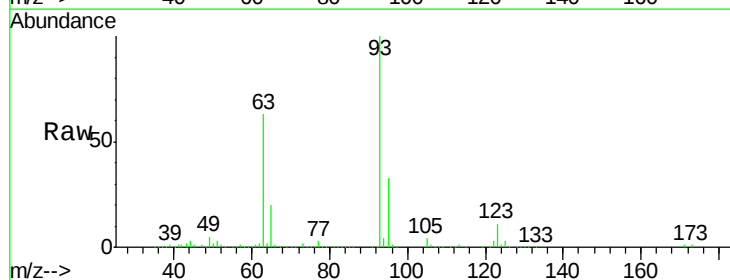
Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

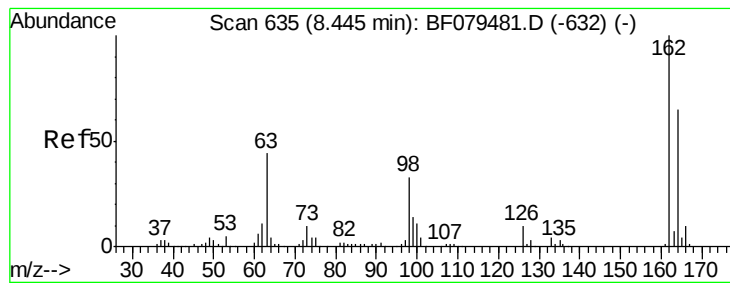
Tgt Ion:122 Resp: 152768
 Ion Ratio Lower Upper
 122 100
 107 108.6 85.2 127.8
 121 56.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.51 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 93 Resp: 248924
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 39.8
 123 10.6 9.4 14.0

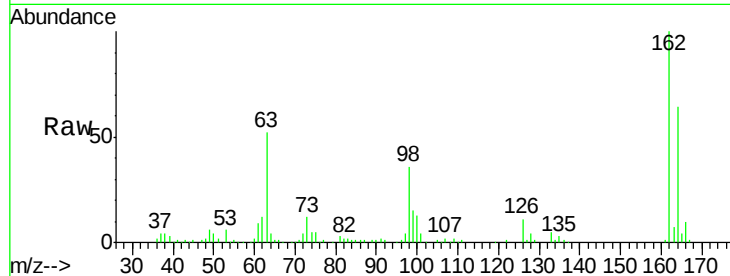




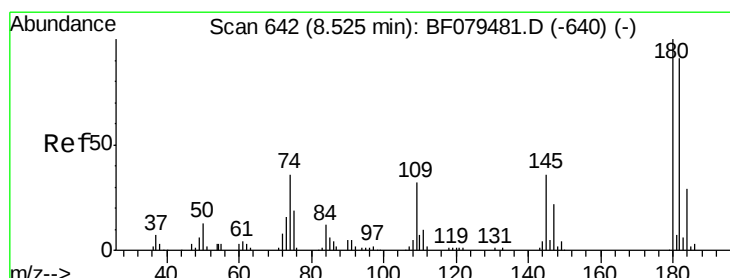
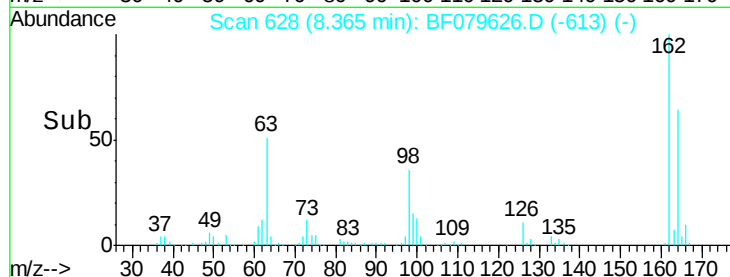
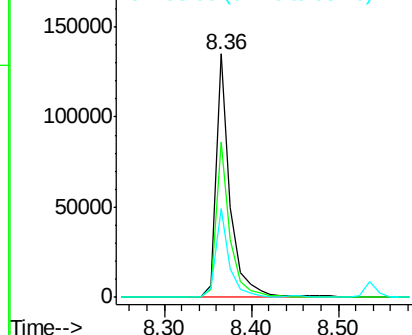
#29
 2,4-Dichlorophenol
 Concen: 35.67 ng
 RT: 8.36 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	45.0	85.0
98	36.4	13.2	53.2

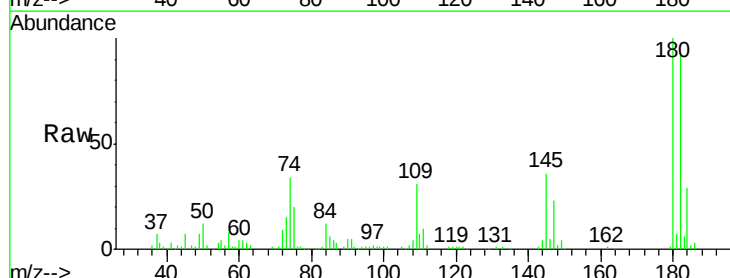


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

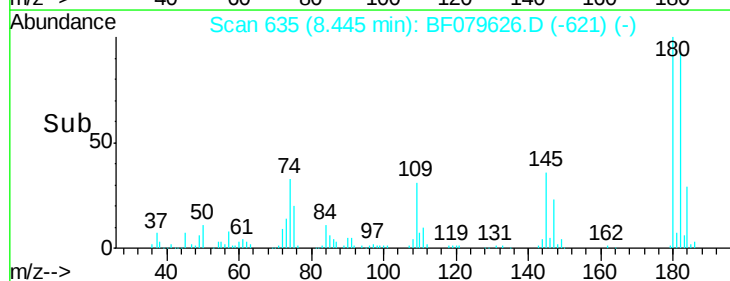
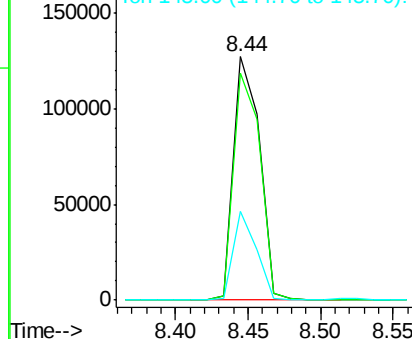


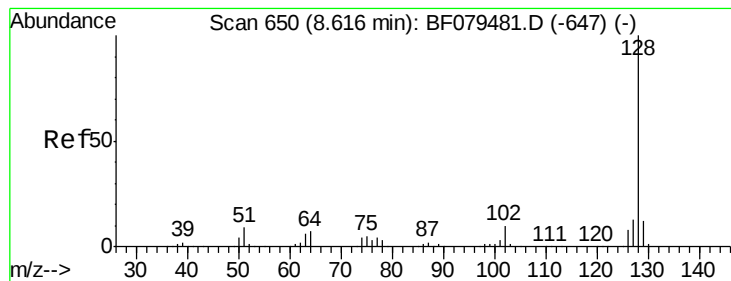
#30
 1,2,4-Trichlorobenzene
 Concen: 35.62 ng
 RT: 8.44 min Scan# 635
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.2	109.8
145	36.4	28.9	43.3



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





#31

Naphthalene

Concen: 39.49 ng

RT: 8.54 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

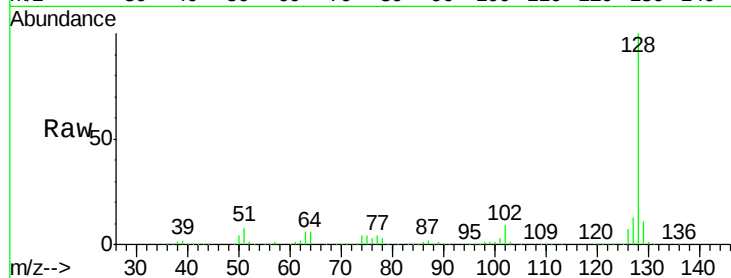
Tgt Ion:128 Resp: 610781

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

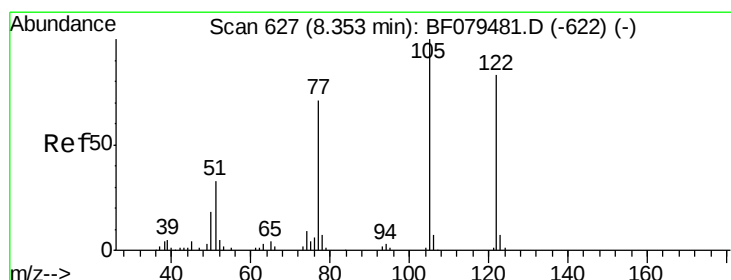
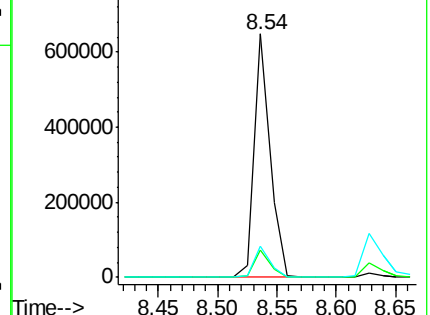
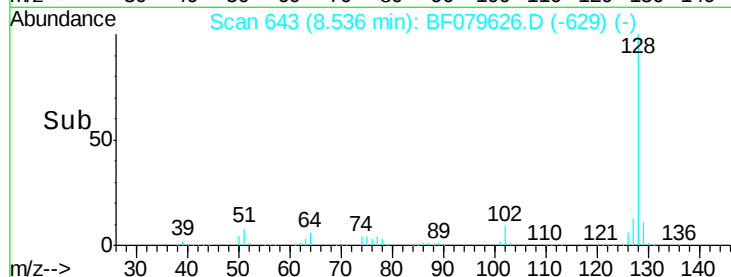
127 12.9 10.6 15.8



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: 11.92 ng

RT: 8.26 min Scan# 619

Delta R.T. -0.05 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

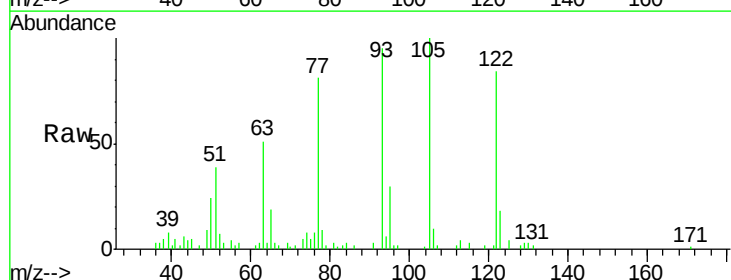
Tgt Ion:122 Resp: 34588

Ion Ratio Lower Upper

122 100

105 119.7 100.2 140.2

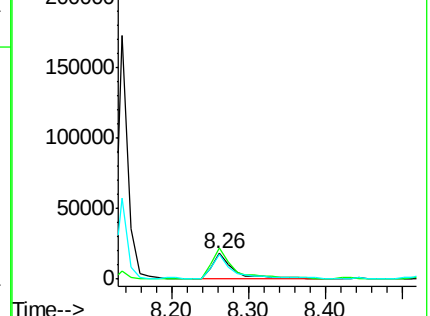
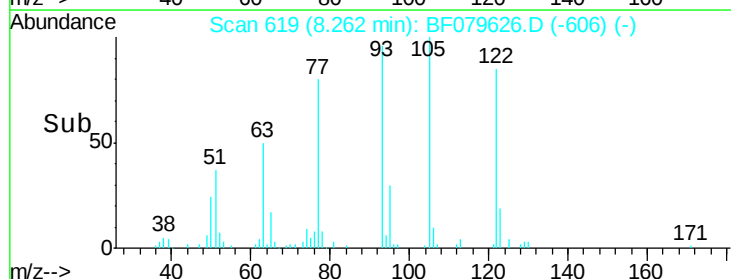
77 97.1 64.8 104.8

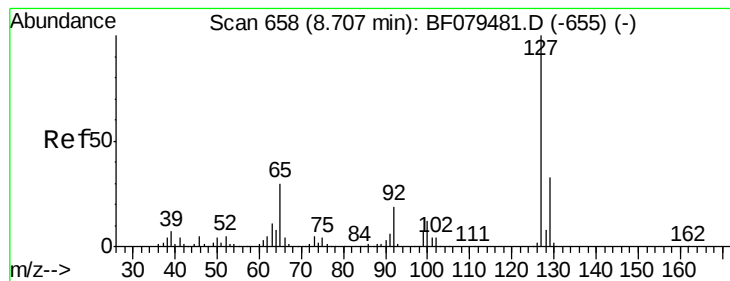


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.40 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

Tgt Ion:127 Resp: 144743

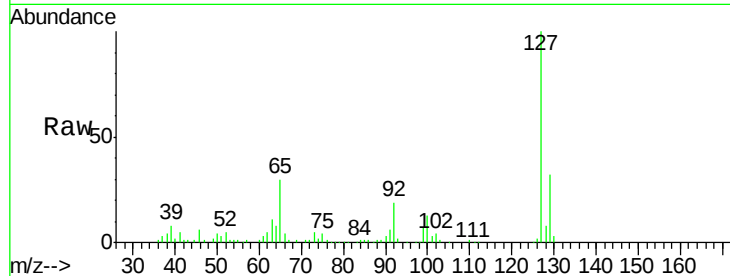
Ion Ratio Lower Upper

127 100

129 31.6 26.2 39.2

65 29.6 24.2 36.4

92 18.9 15.4 23.0

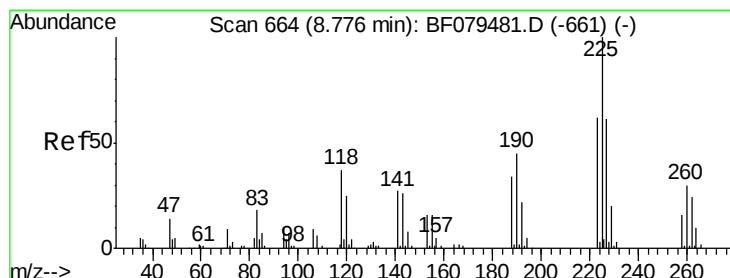
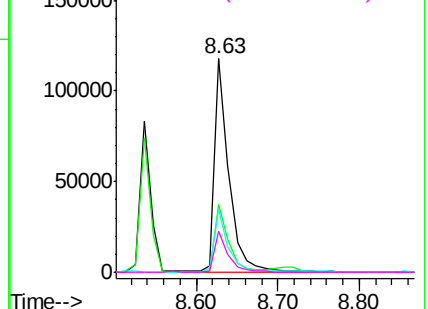
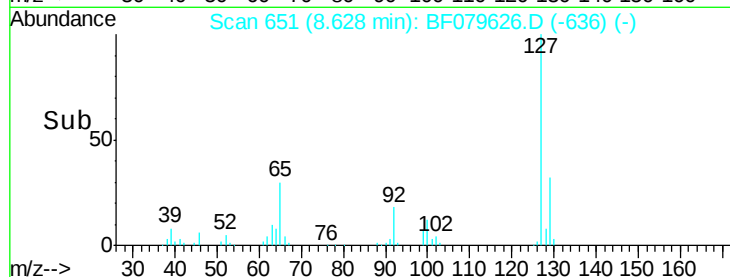


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.89 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

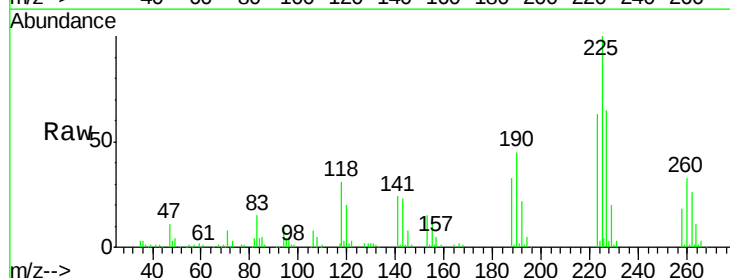
Tgt Ion:225 Resp: 85678

Ion Ratio Lower Upper

225 100

223 63.1 49.9 74.9

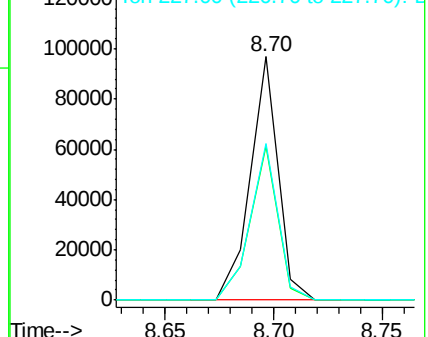
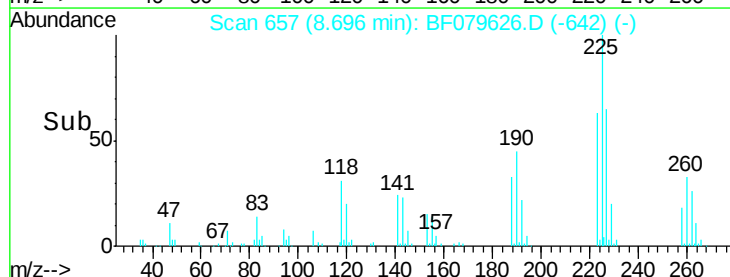
227 64.6 48.9 73.3

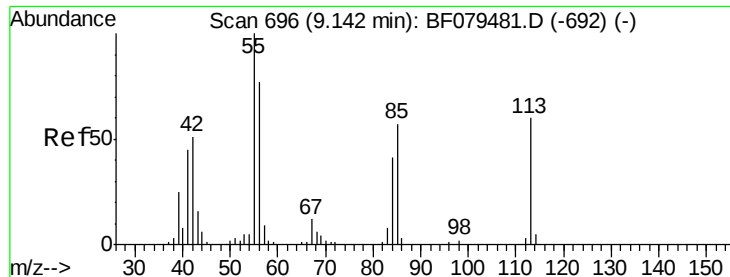


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.90 ng

RT: 9.06 min Scan# 689

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

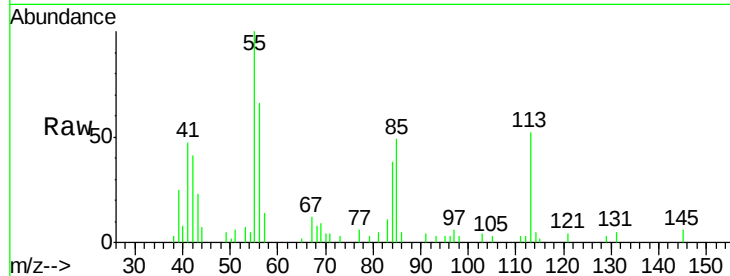
Tgt Ion:113 Resp: 9328

Ion Ratio Lower Upper

113 100

55 193.4 147.2 187.2#

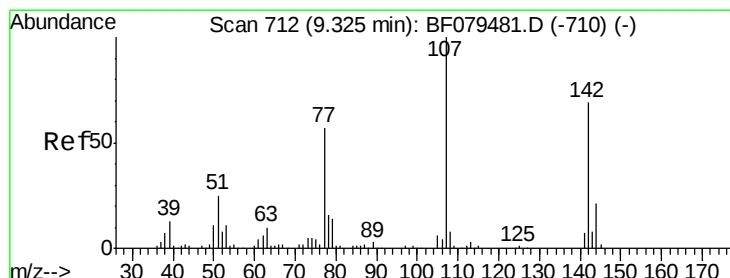
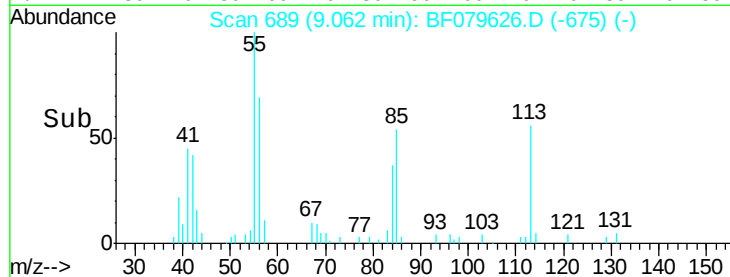
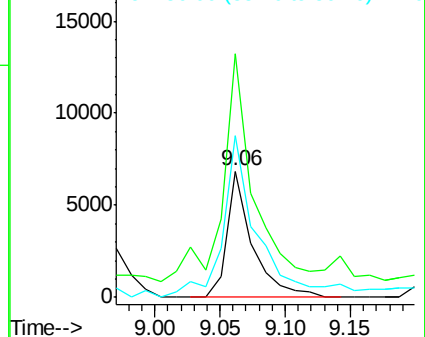
56 128.5 108.6 148.6



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: 32.89 ng

RT: 9.24 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

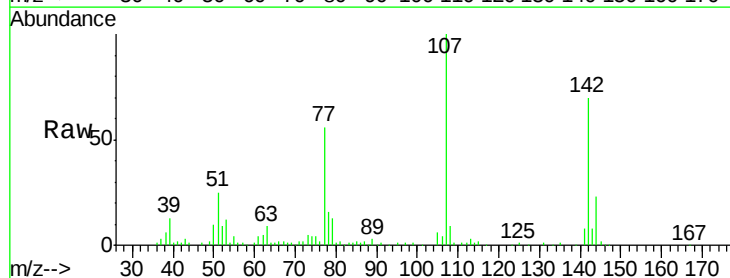
Tgt Ion:107 Resp: 146164

Ion Ratio Lower Upper

107 100

144 23.3 16.9 25.3

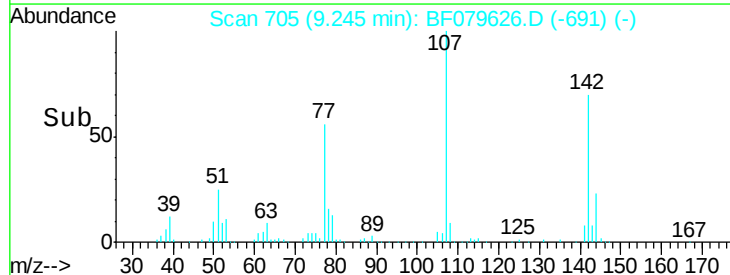
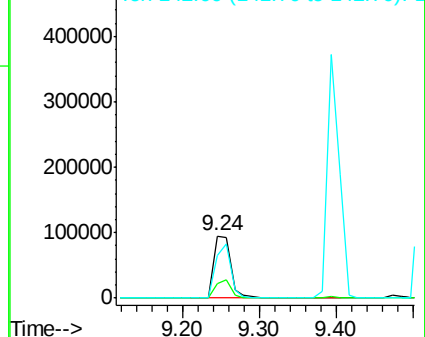
142 69.6 55.2 82.8

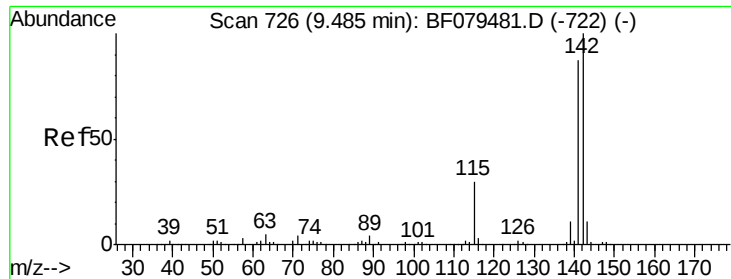


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

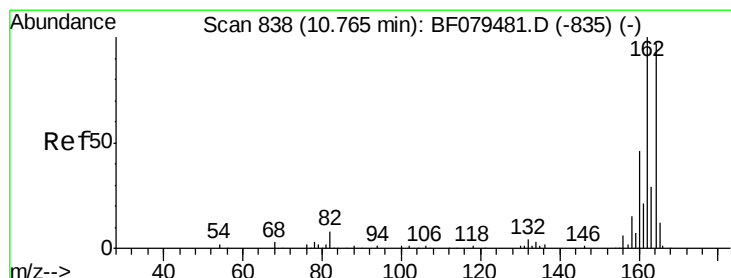
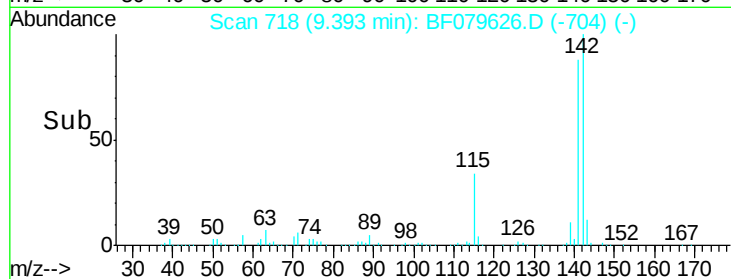
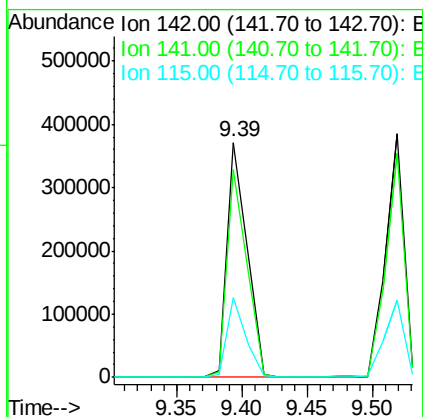
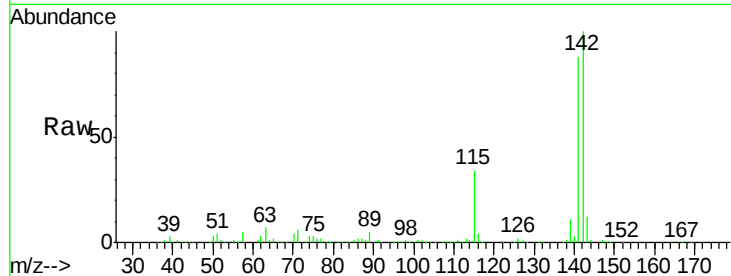




#37
 2-Methylnaphthalene
 Concen: 37.09 ng
 RT: 9.39 min Scan# 718
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

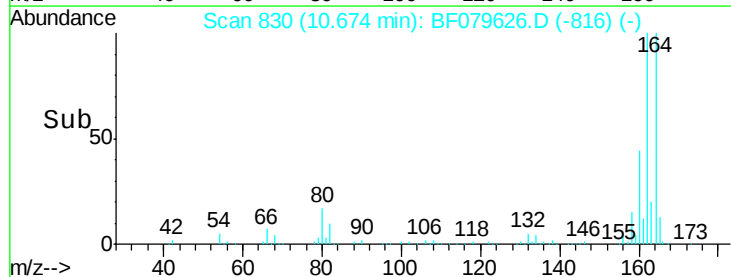
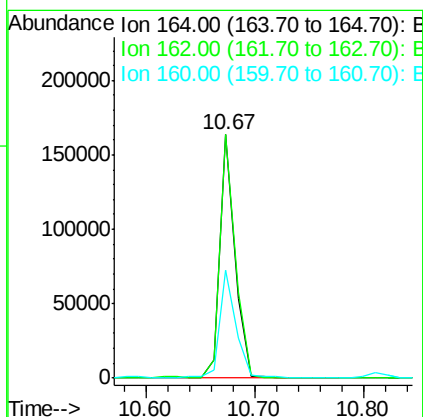
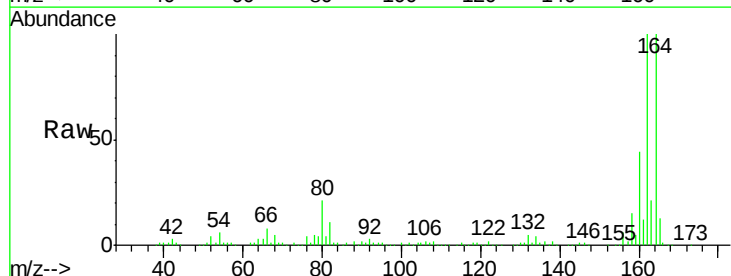
Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

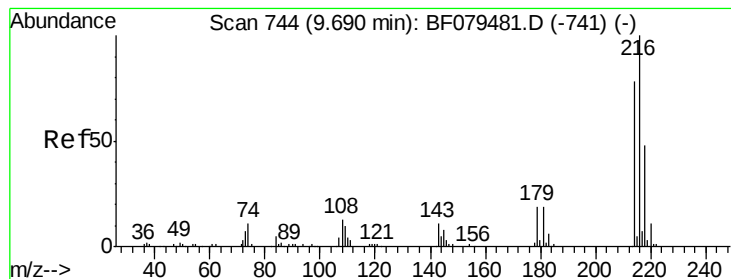
Tgt Ion:142 Resp: 398310
 Ion Ratio Lower Upper
 142 100
 141 88.2 69.5 104.3
 115 33.8 23.8 35.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:164 Resp: 159659
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 124.0
 160 44.3 37.7 56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.11 ng

RT: 9.60 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

Tgt Ion:216 Resp: 156790

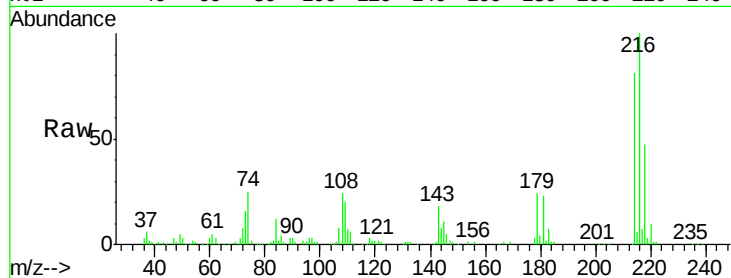
Ion Ratio Lower Upper

216 100

214 79.9 0.0 0.0#

179 22.5 0.0 0.0#

108 20.2 0.0 0.0#

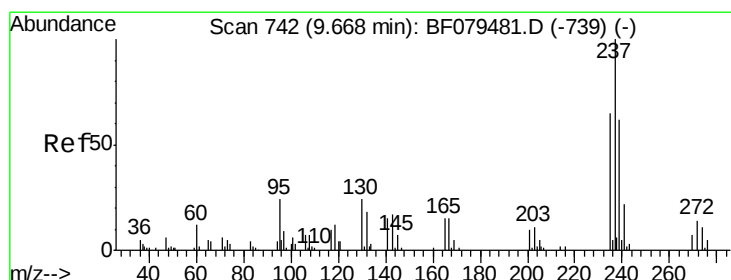
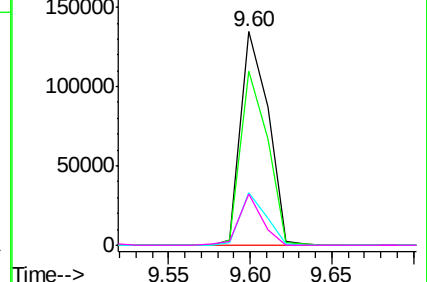
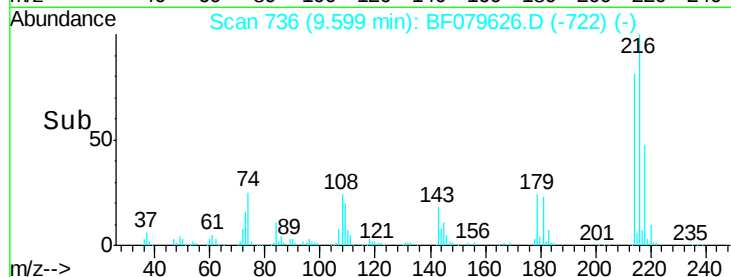


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 21.74 ng

RT: 9.59 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

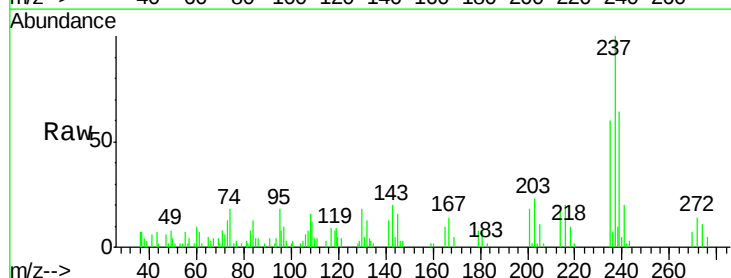
Tgt Ion:237 Resp: 15275

Ion Ratio Lower Upper

237 100

235 60.4 45.0 85.0

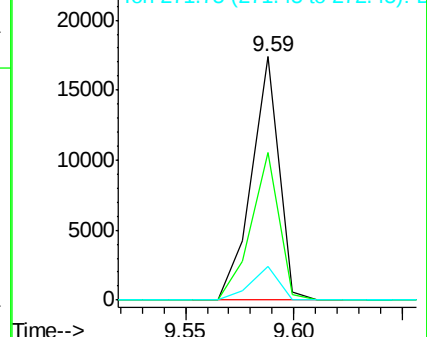
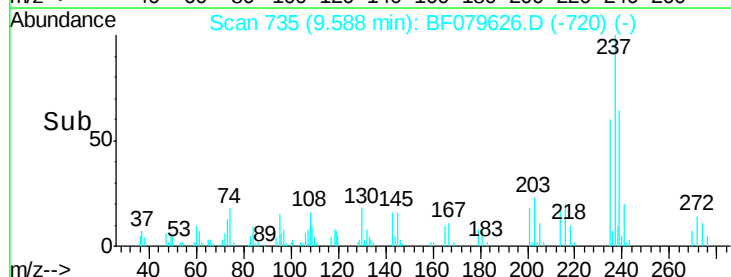
272 13.8 0.0 33.9

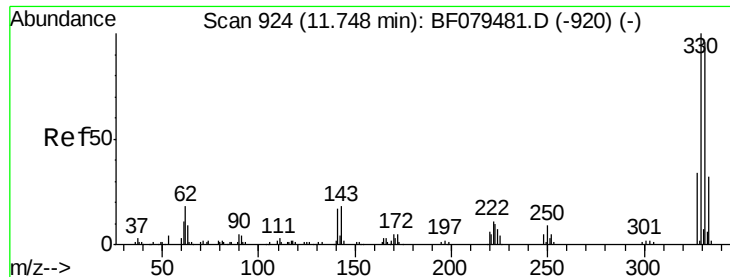


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 112.00 ng

RT: 11.66 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

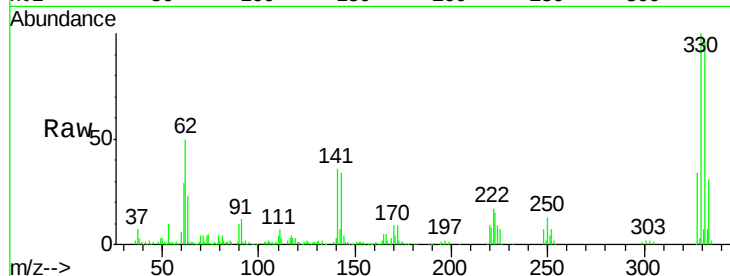
Tgt Ion:330 Resp: 196402

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

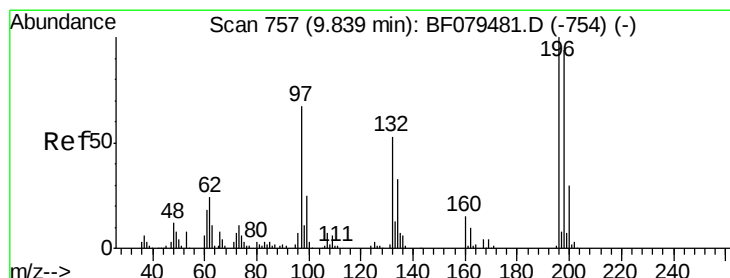
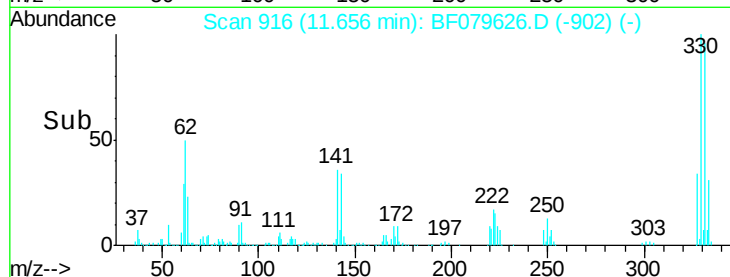
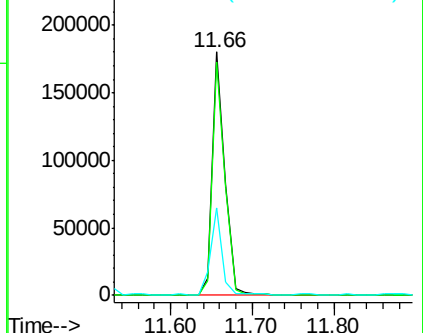
141 32.8 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.73 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

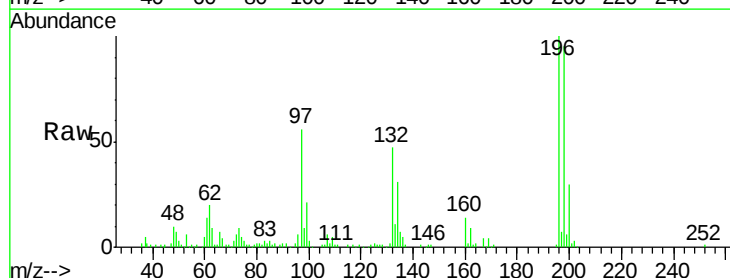
Tgt Ion:196 Resp: 108301

Ion Ratio Lower Upper

196 100

198 94.7 75.3 112.9

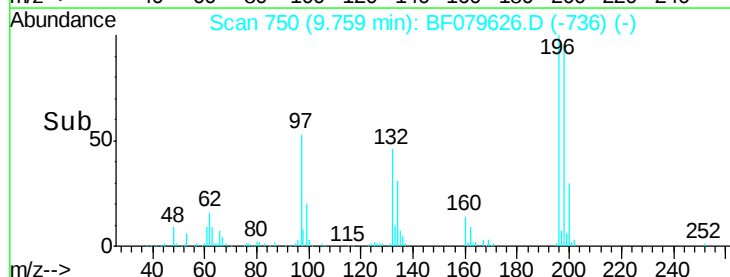
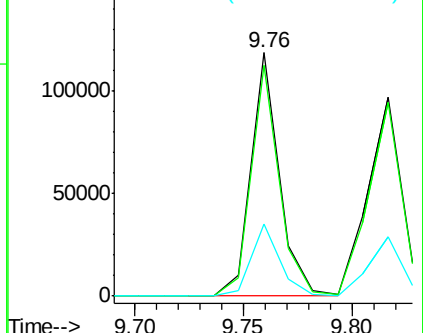
200 29.7 23.8 35.8

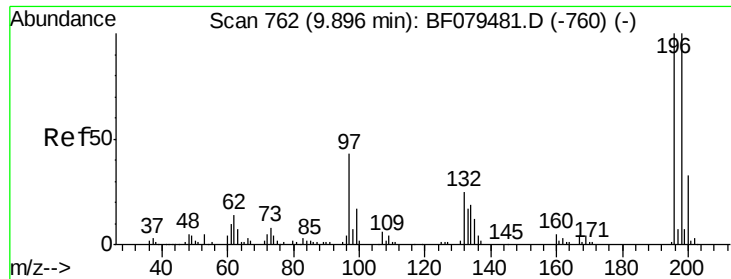


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

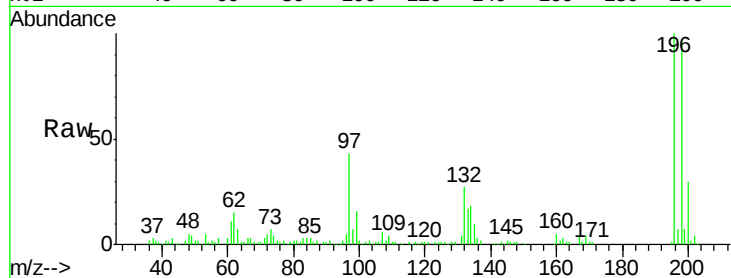




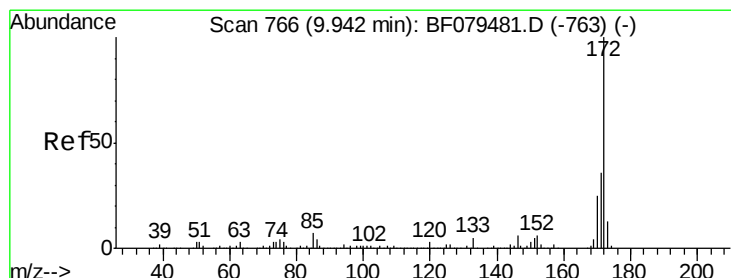
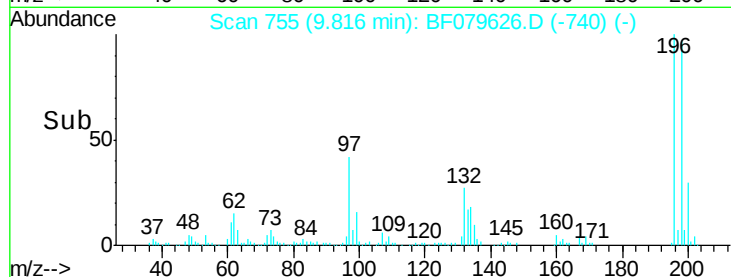
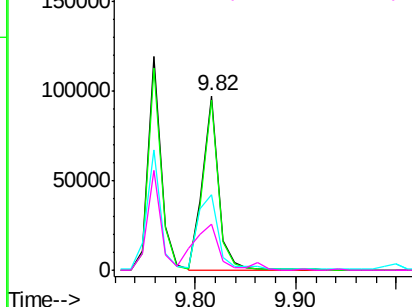
#43
 2,4,5-Trichlorophenol
 Concen: 35.80 ng
 RT: 9.82 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	80.3	120.5
97	43.0	34.8	52.2
132	26.8	20.6	31.0

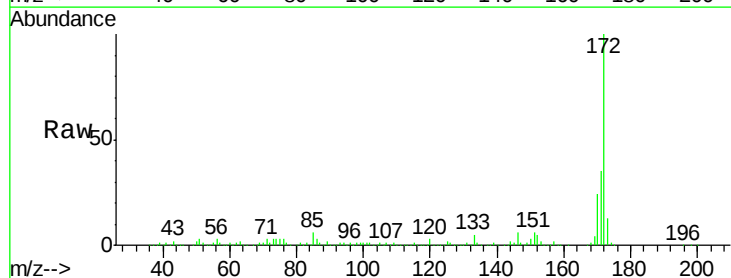


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

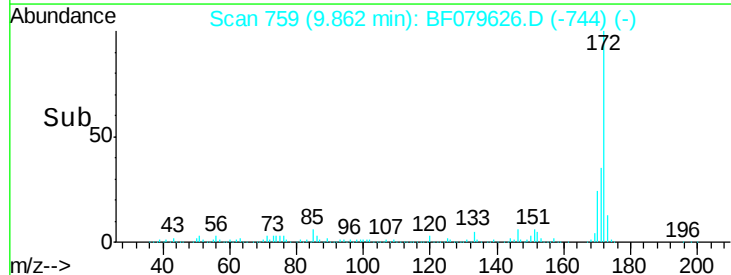
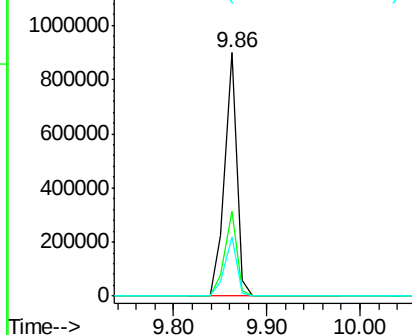


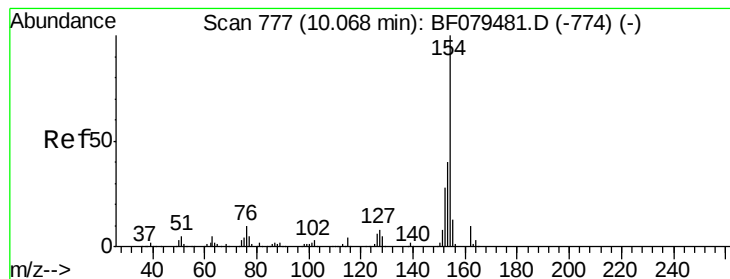
#44
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	24.3	19.7	29.5



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





#45

1,1'-Biphenyl

Concen: 36.63 ng

RT: 9.98 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

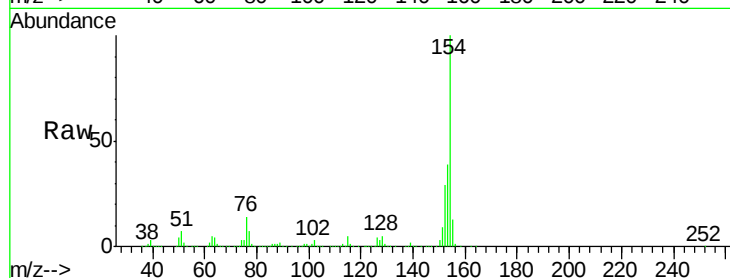
Tgt Ion:154 Resp: 456830

Ion Ratio Lower Upper

154 100

153 39.5 19.5 59.5

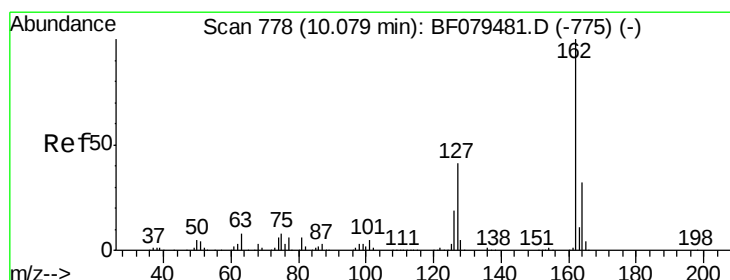
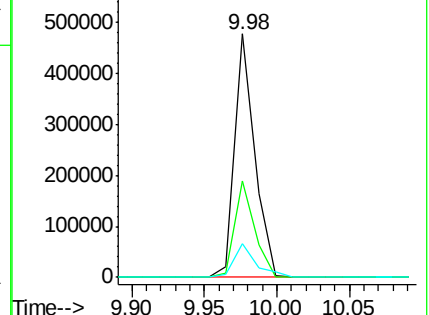
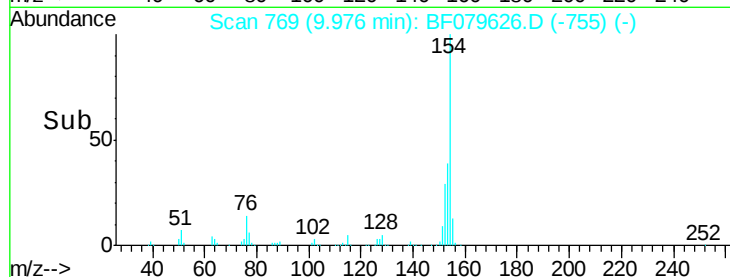
76 13.9 0.0 29.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.32 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

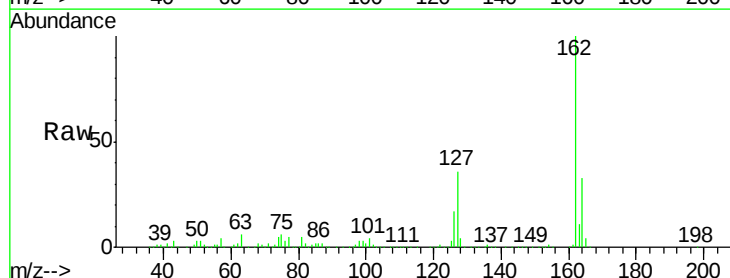
Tgt Ion:162 Resp: 367524

Ion Ratio Lower Upper

162 100

127 36.3 32.7 49.1

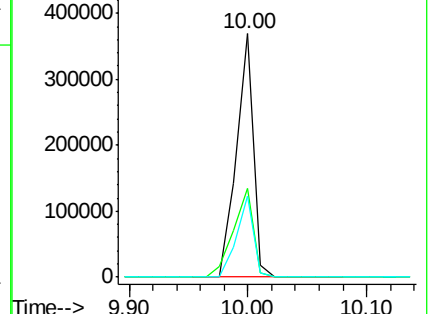
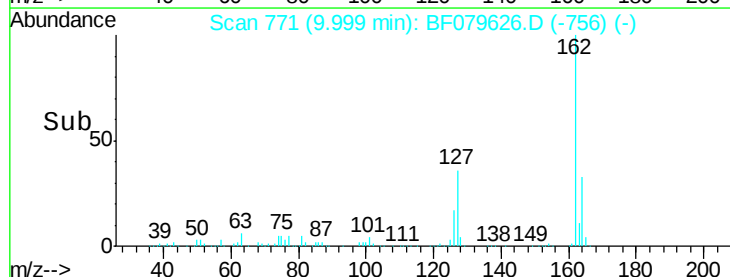
164 33.2 25.8 38.6

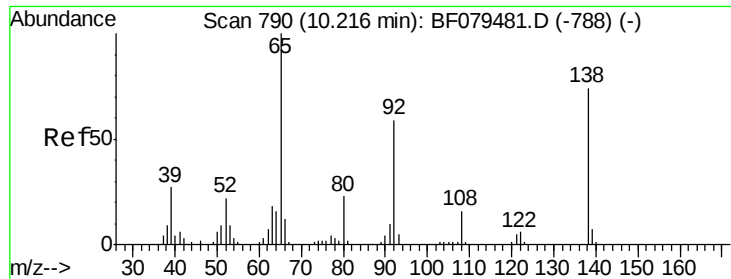


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

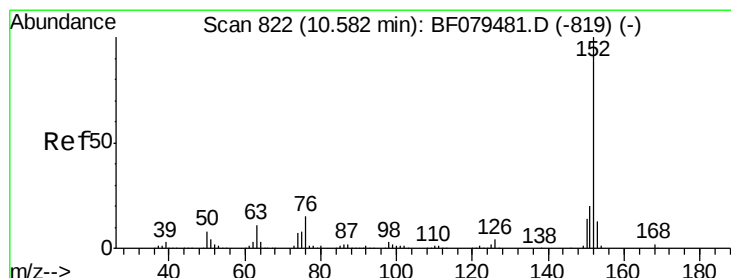
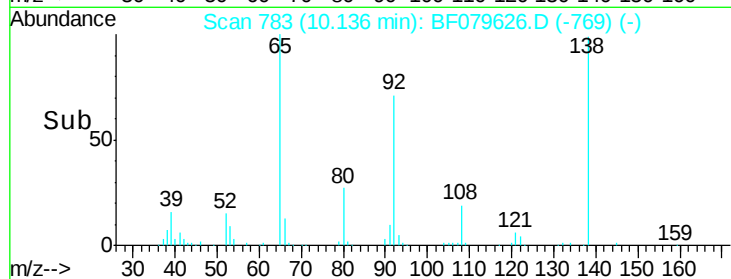
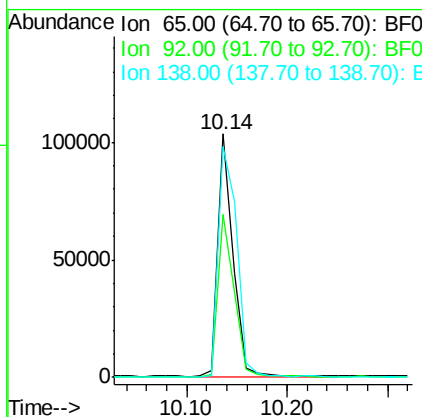
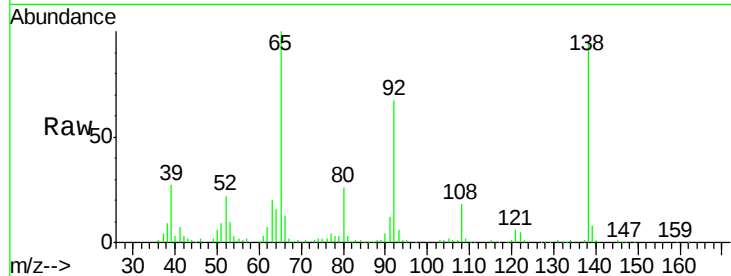




#47
 2-Nitroaniline
 Concen: 36.68 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

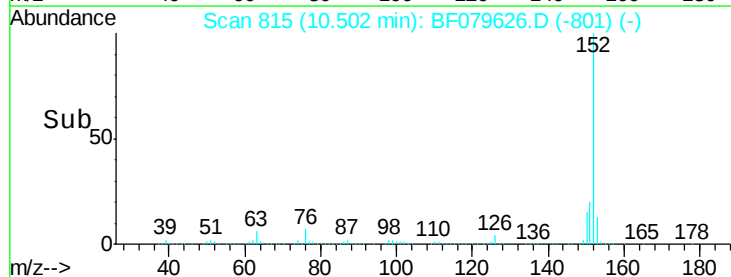
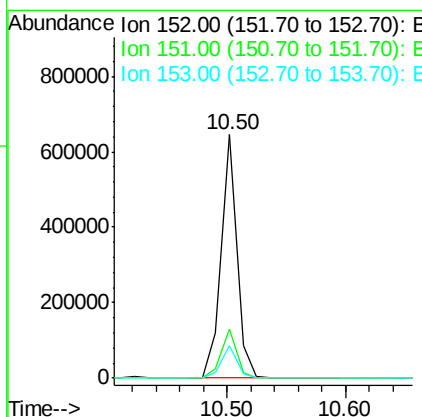
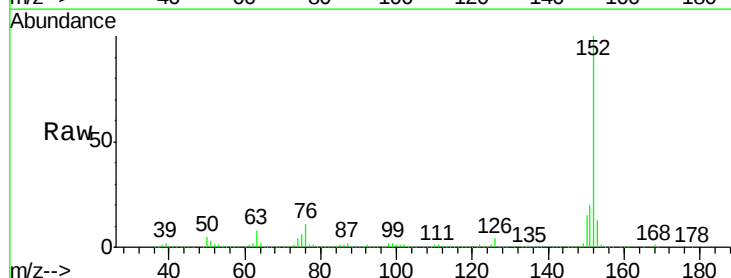
Instrument :
 BNA_F
 ClientSampled :
 PX4MSD

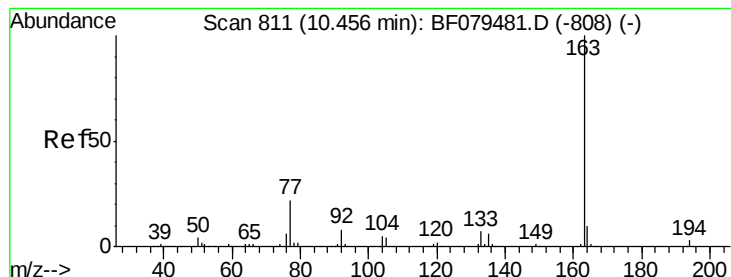
Tgt Ion: 65 Resp: 107403
 Ion Ratio Lower Upper
 65 100
 92 67.1 47.2 70.8
 138 94.7 59.2 88.8#



#48
 Acenaphthylene
 Concen: 36.02 ng
 RT: 10.50 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 152 Resp: 588807
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.8 23.8
 153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 39.82 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

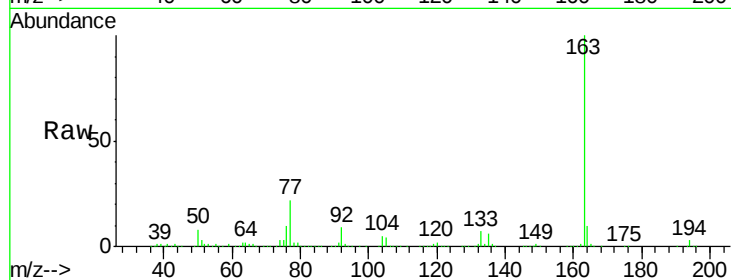
Tgt Ion:163 Resp: 468430

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

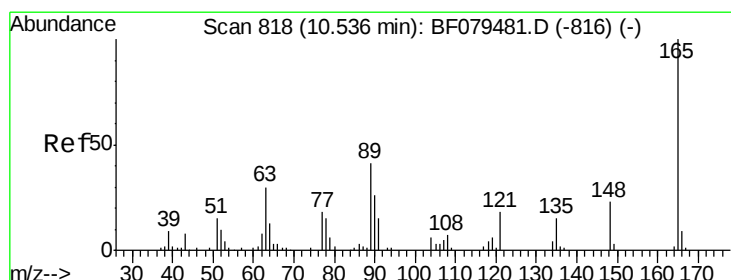
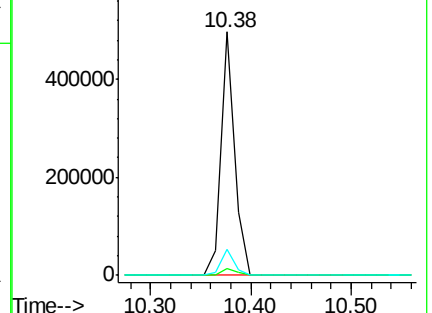
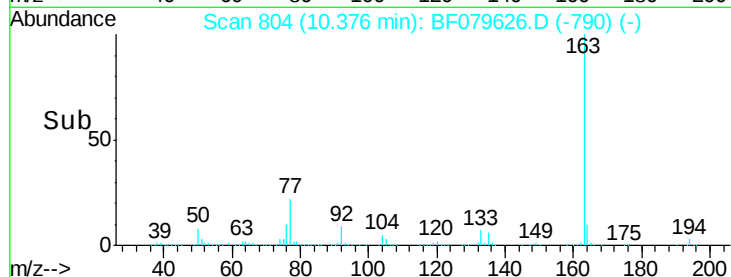
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.44 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

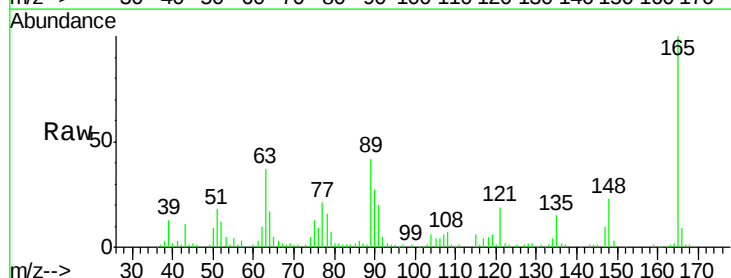
Tgt Ion:165 Resp: 87996

Ion Ratio Lower Upper

165 100

63 36.5 27.7 41.5

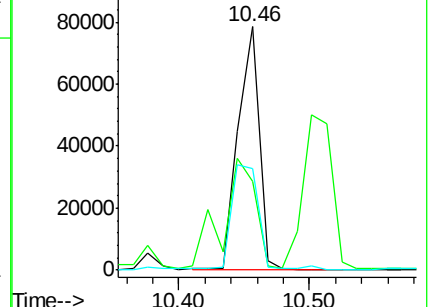
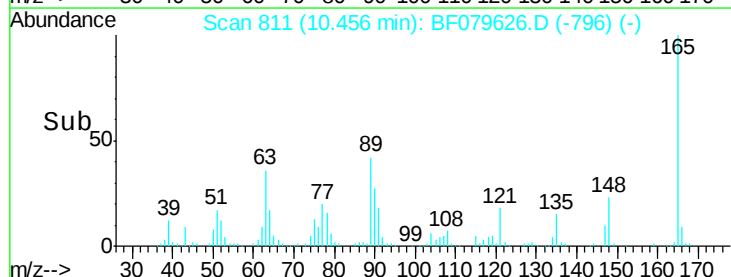
89 41.8 33.7 50.5

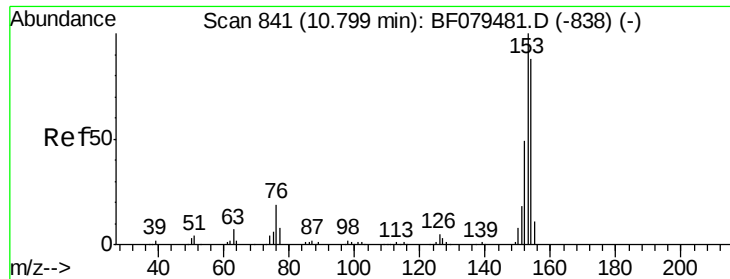


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.96 ng

RT: 10.72 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

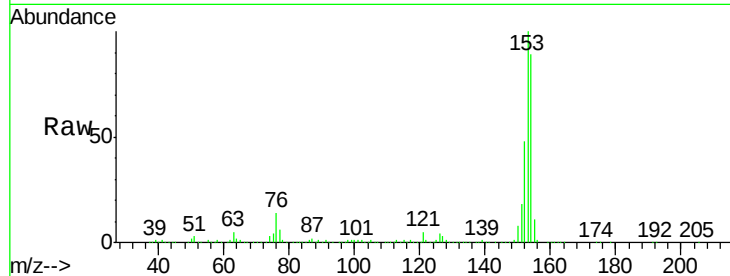
Tgt Ion:154 Resp: 354817

Ion Ratio Lower Upper

154 100

153 112.0 91.1 136.7

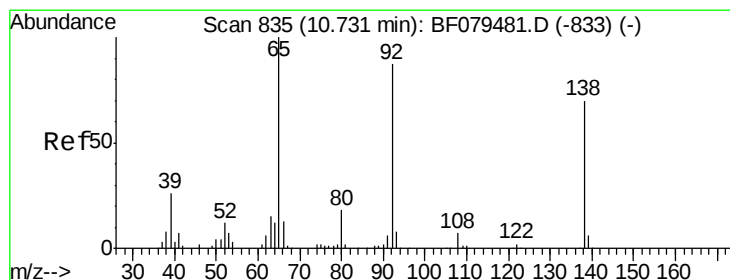
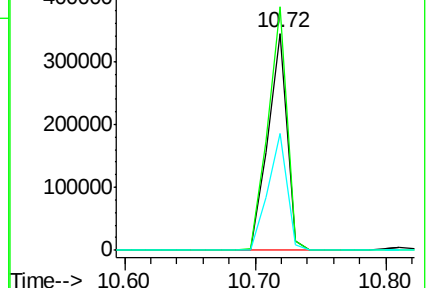
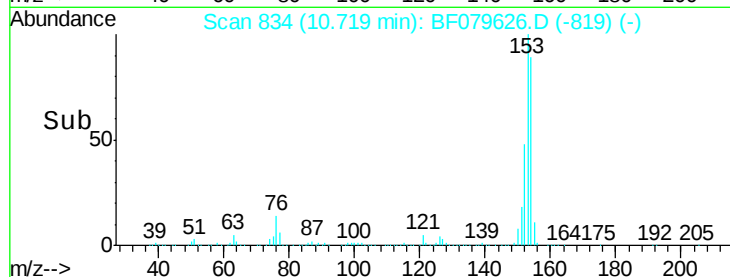
152 54.0 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.77 ng

RT: 10.65 min Scan# 828

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

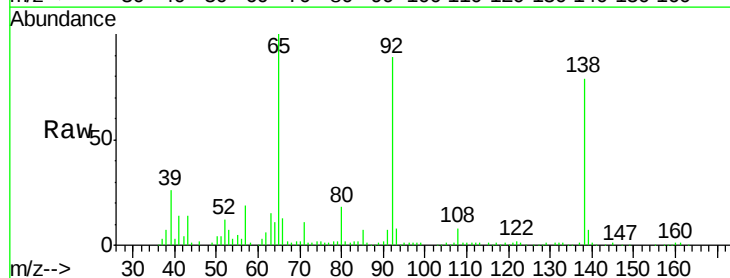
Tgt Ion:138 Resp: 78783

Ion Ratio Lower Upper

138 100

108 10.1 8.0 12.0

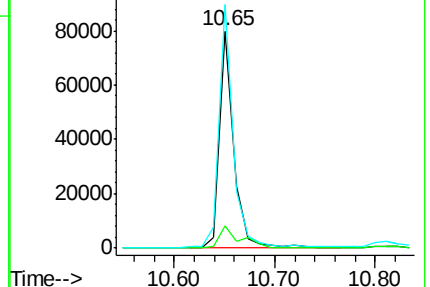
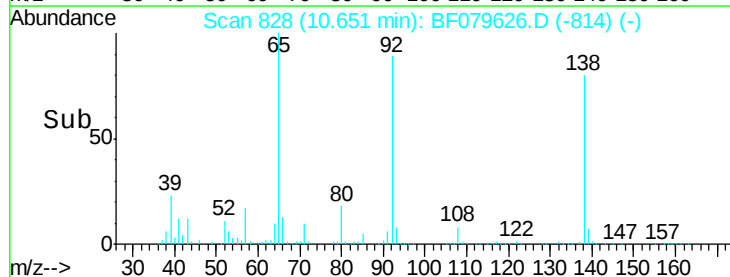
92 112.3 99.9 149.9

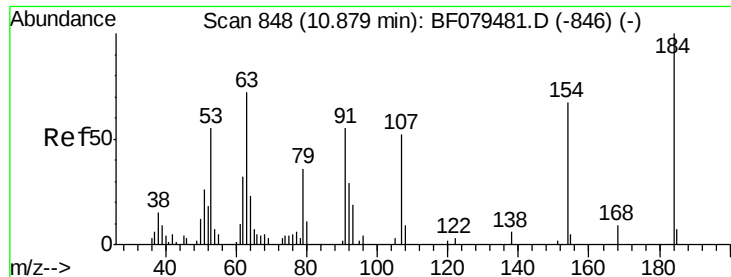


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

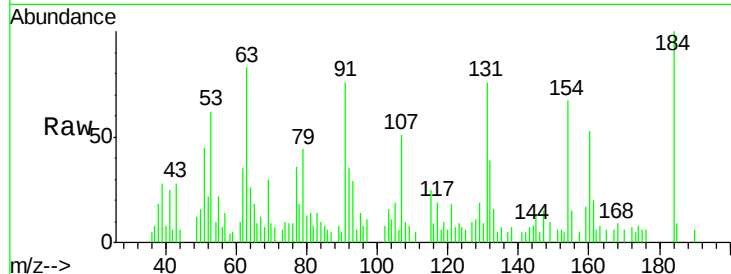




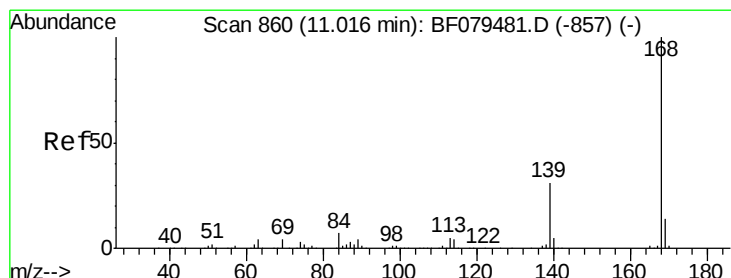
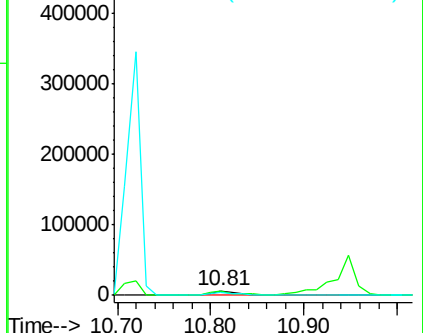
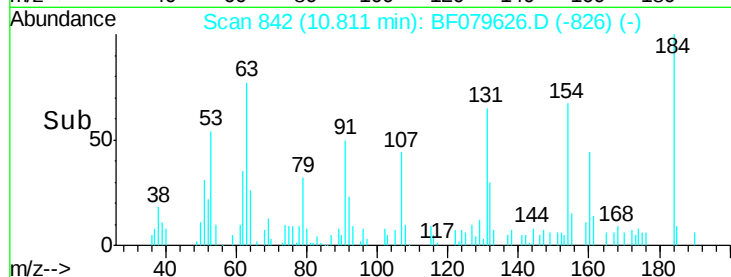
#53
 2,4-Dinitrophenol
 Concen: 27.00 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:184 Resp: 15192
 Ion Ratio Lower Upper
 184 100
 63 83.2 57.7 86.5
 154 66.6 53.4 80.2

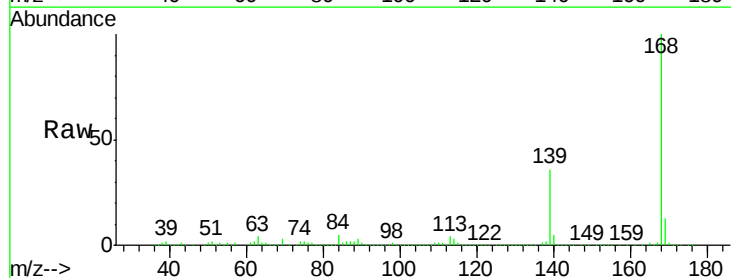


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF079626.D (-842) (-)
 Ion 154.00 (153.70 to 154.70): E

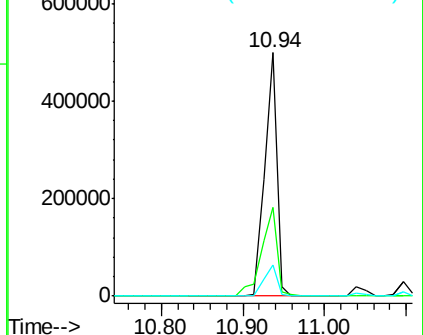
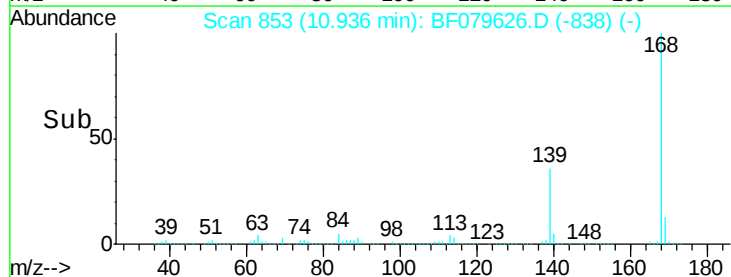


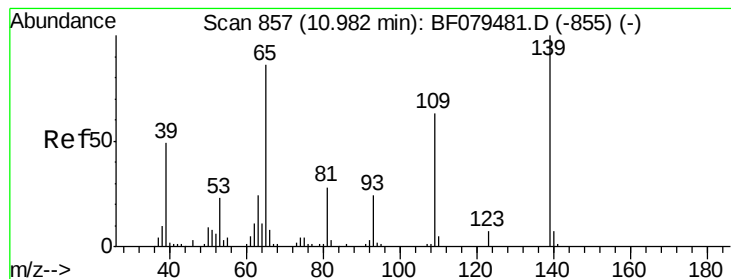
#54
 Dibenzofuran
 Concen: 38.11 ng
 RT: 10.94 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:168 Resp: 525420
 Ion Ratio Lower Upper
 168 100
 139 36.2 32.9 49.3
 169 12.9 11.1 16.7



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





#55

4-Nitrophenol

Concen: 145.71 ng

RT: 10.94 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

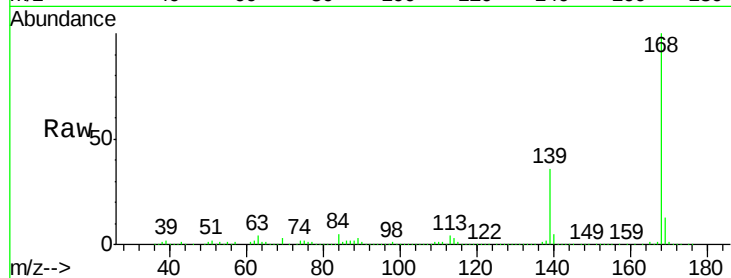
Tgt Ion:139 Resp: 247015

Ion Ratio Lower Upper

139 100

109 2.5 42.8 82.8#

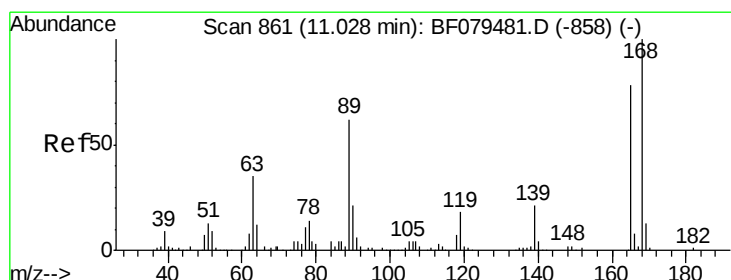
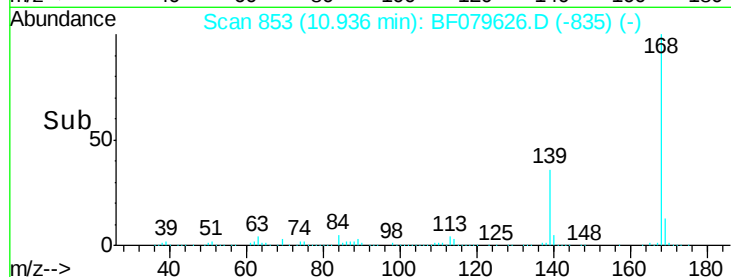
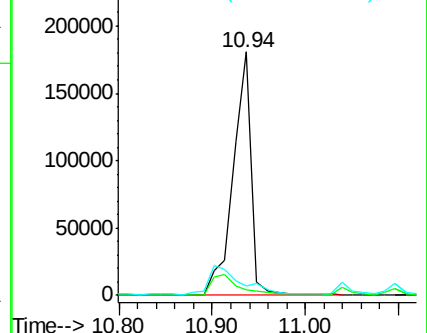
65 3.9 66.3 106.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.45 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:165 Resp: 114899

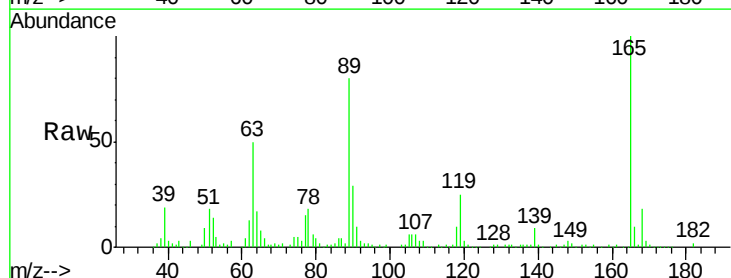
Ion Ratio Lower Upper

165 100

63 50.2 39.5 59.3

89 79.7 64.2 96.4

182 2.1 1.5 2.3

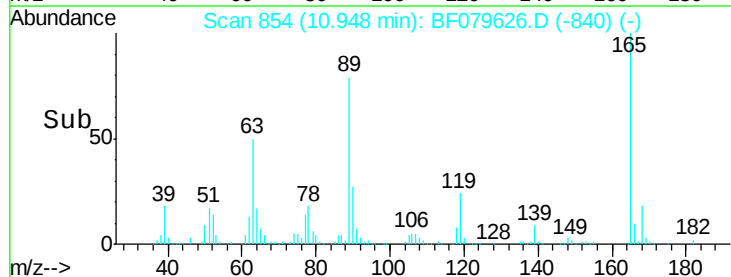
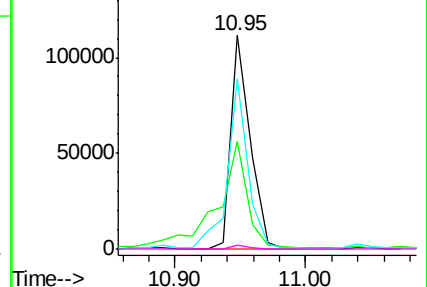


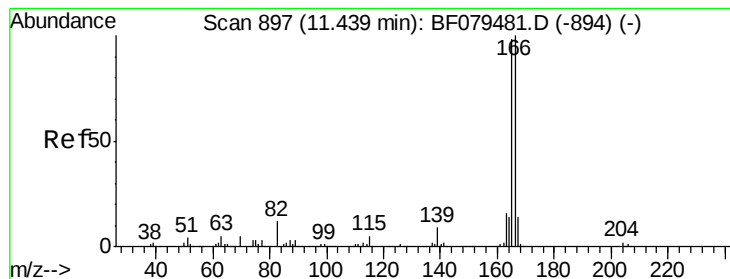
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.62 ng

RT: 11.36 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

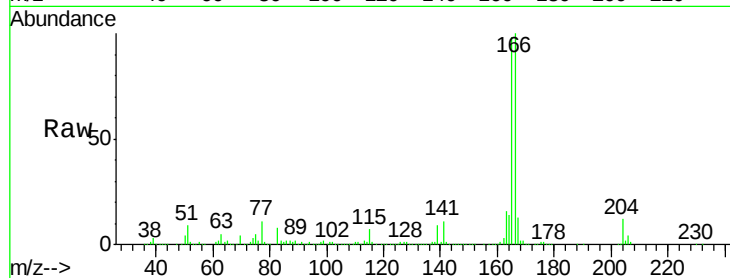
Tgt Ion:166 Resp: 438850

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

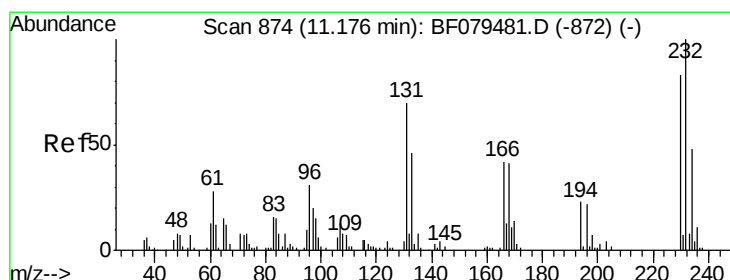
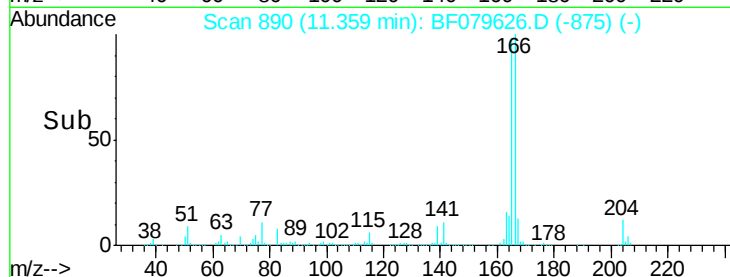
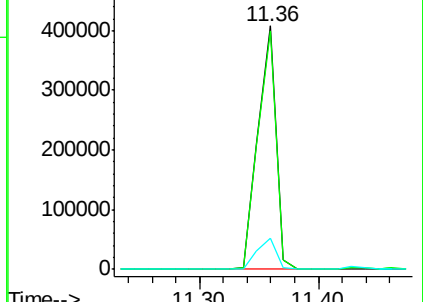
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.85 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:232 Resp: 90029

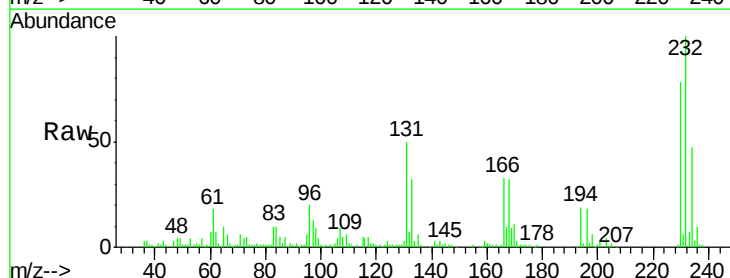
Ion Ratio Lower Upper

232 100

131 52.3 0.0 0.0#

130 2.9 0.0 0.0#

166 33.0 0.0 0.0#

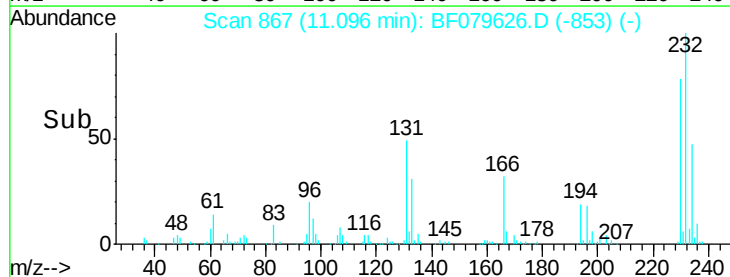
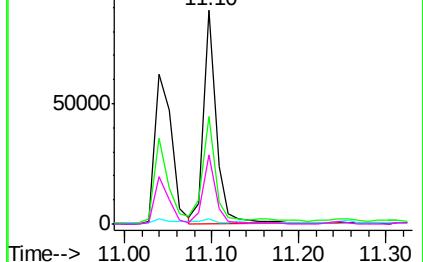


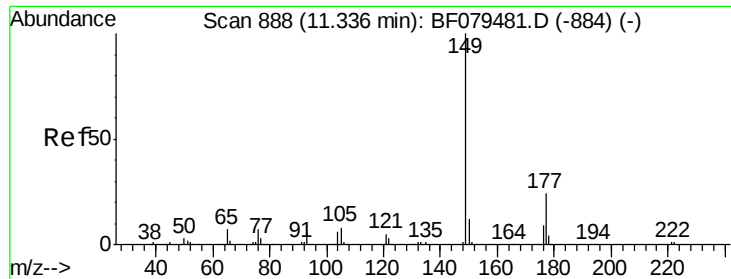
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

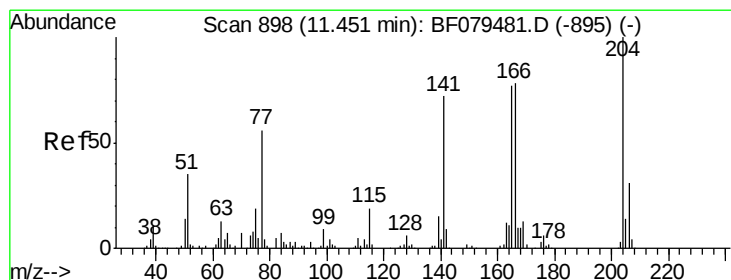
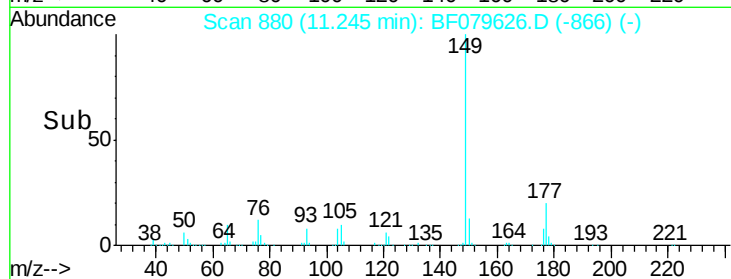
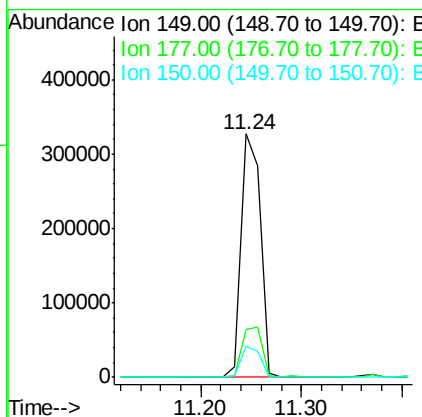
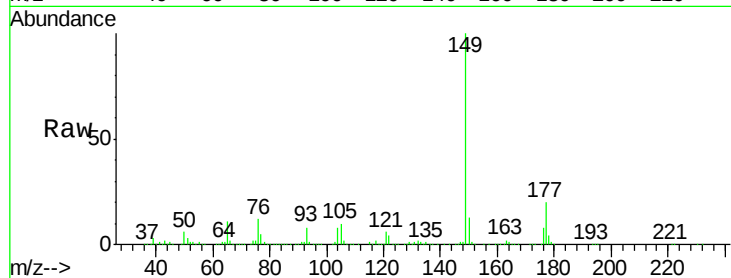




#59
Diethylphthalate
Concen: 37.99 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

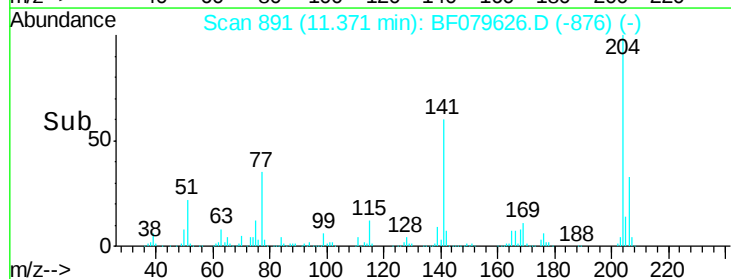
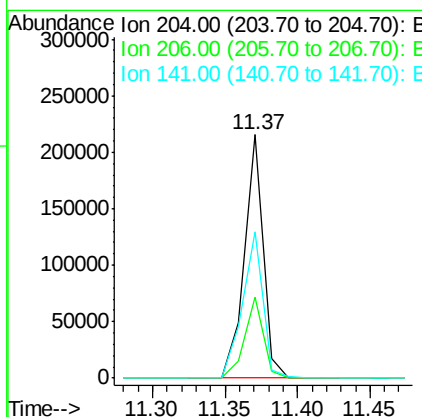
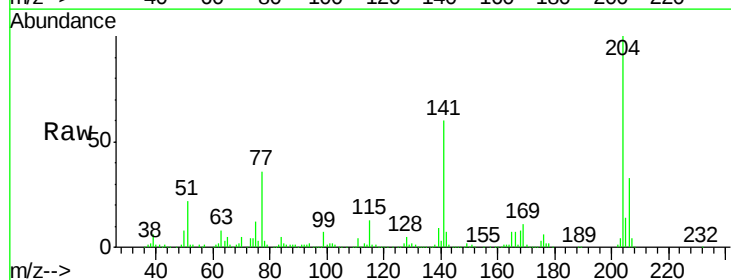
Instrument :
BNA_F
ClientSampleId :
PX4MSD

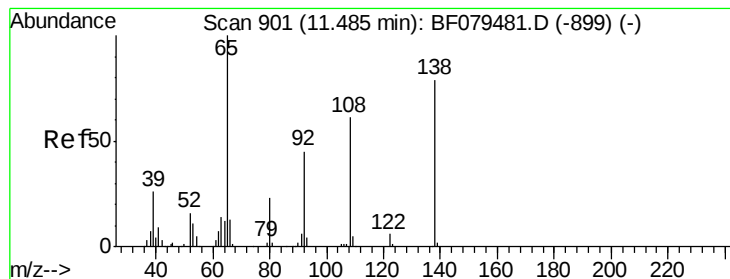
Tgt Ion:149 Resp: 437484
Ion Ratio Lower Upper
149 100
177 19.6 18.9 28.3
150 12.7 9.8 14.6



#60
4-Chlorophenyl-phenylether
Concen: 39.55 ng
RT: 11.37 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion:204 Resp: 194234
Ion Ratio Lower Upper
204 100
206 33.2 25.0 37.4
141 60.1 57.4 86.2





#61

4-Nitroaniline

Concen: 31.38 ng

RT: 11.41 min Scan# 894

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

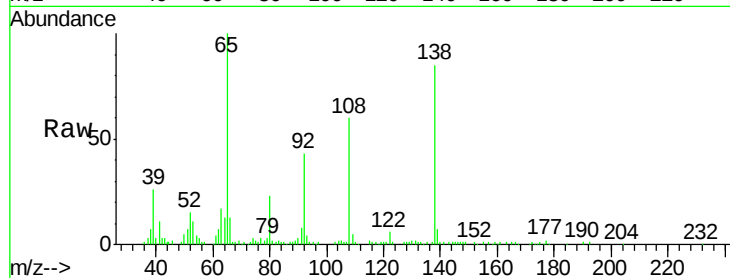
Tgt Ion:138 Resp: 89383

Ion Ratio Lower Upper

138 100

92 51.0 37.2 77.2

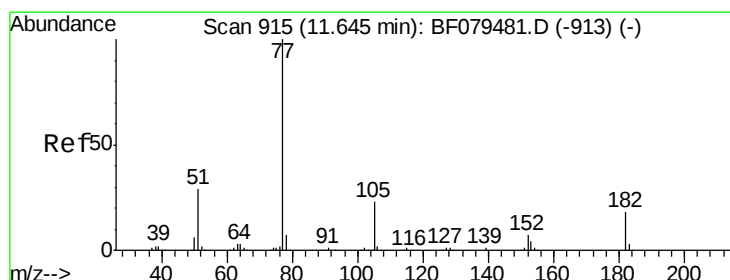
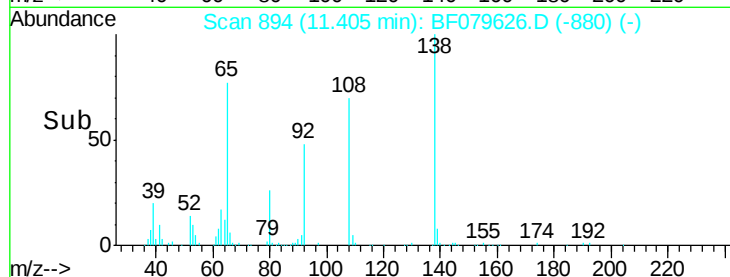
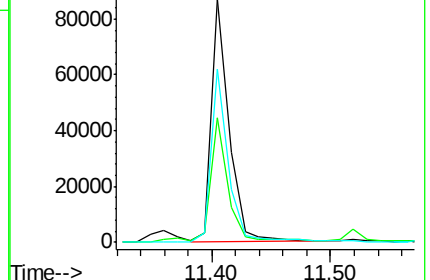
108 71.0 57.0 97.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.30 ng

RT: 11.57 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion: 77 Resp: 451341

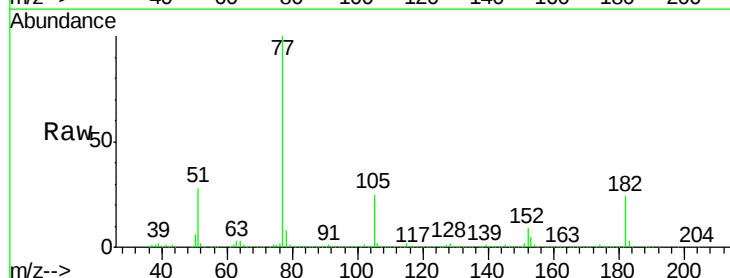
Ion Ratio Lower Upper

77 100

182 23.9 0.0 37.7

105 24.9 2.7 42.7

51 28.1 8.9 48.9

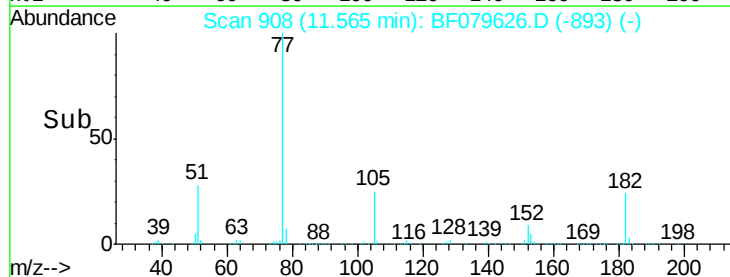
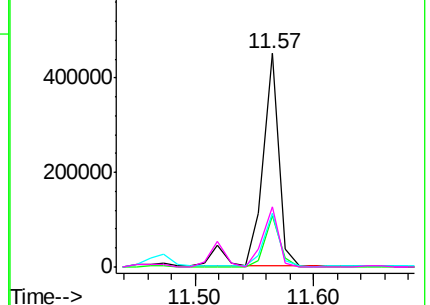


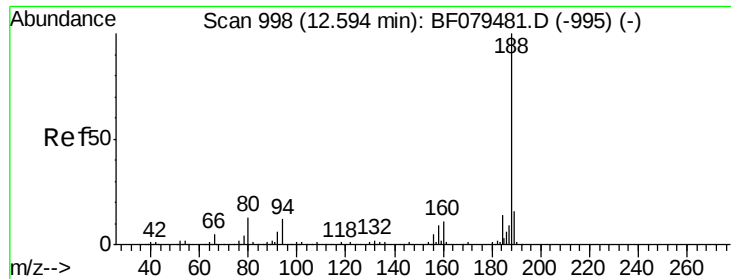
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

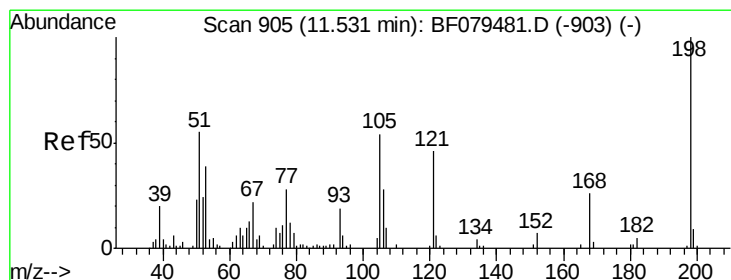
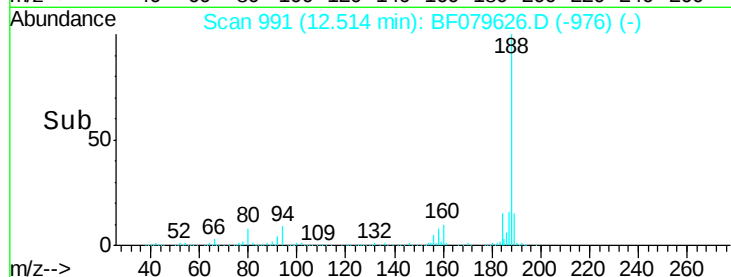
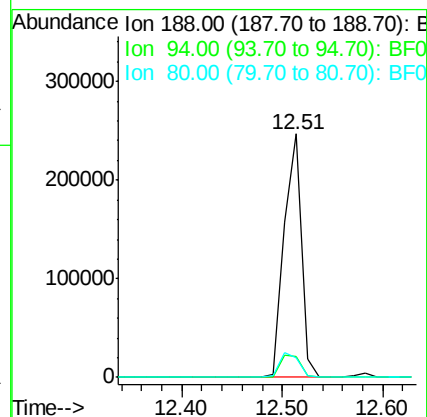
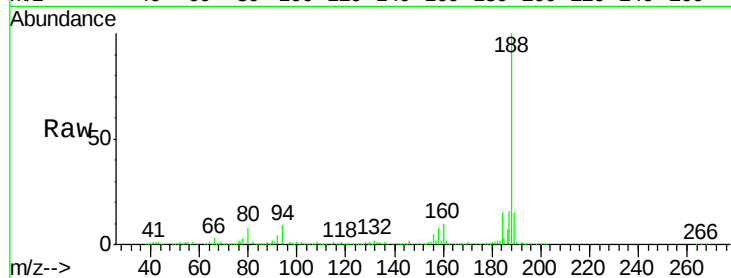




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

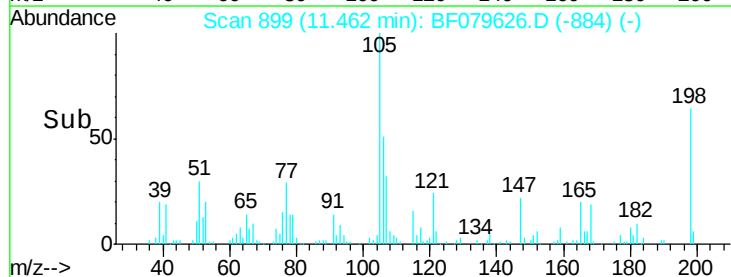
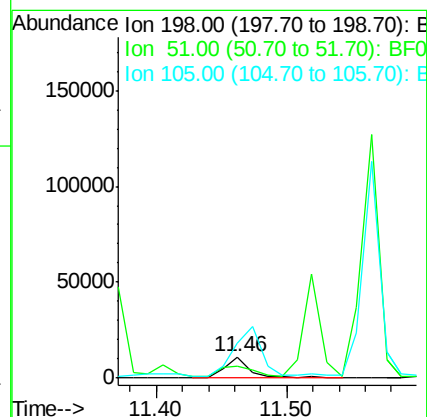
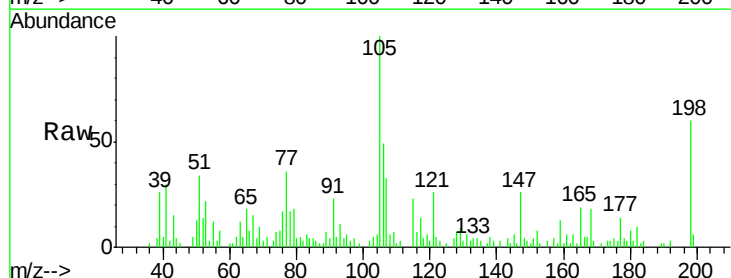
Instrument :
BNA_F
ClientSampleId :
PX4MSD

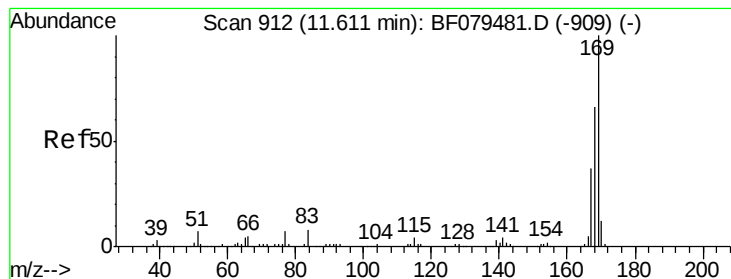
Tgt Ion:188 Resp: 294943
Ion Ratio Lower Upper
188 100
94 8.5 9.8 14.6#
80 8.2 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.82 ng
RT: 11.46 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion:198 Resp: 15398
Ion Ratio Lower Upper
198 100
51 56.5 36.0 76.0
105 166.8 34.1 74.1#





#65

n-Nitrosodiphenylamine

Concen: 36.03 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

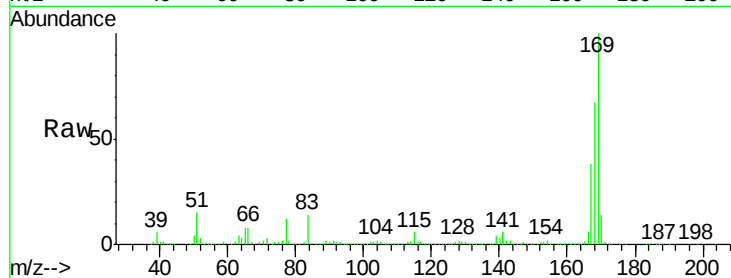
Tgt Ion:169 Resp: 352905

Ion Ratio Lower Upper

169 100

168 67.1 53.1 79.7

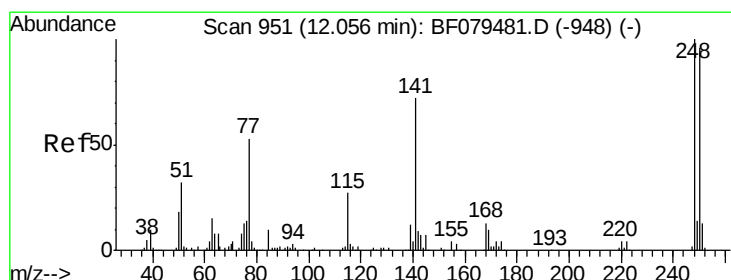
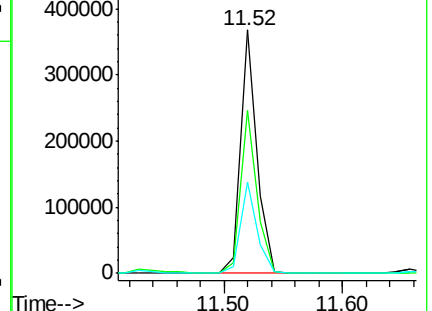
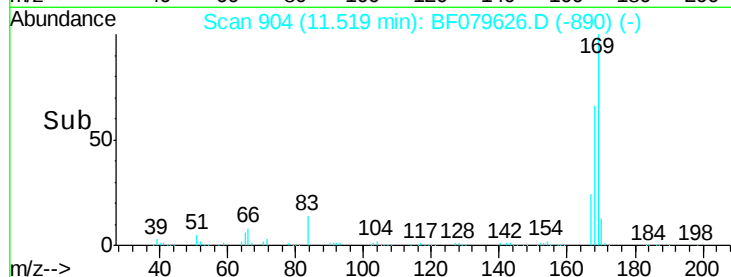
167 37.7 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.34 ng

RT: 11.98 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

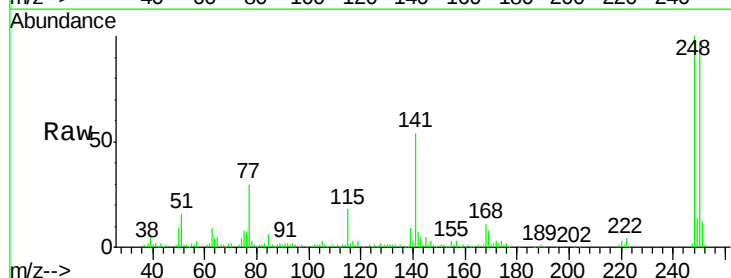
Tgt Ion:248 Resp: 119473

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

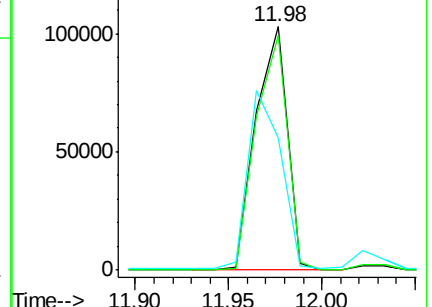
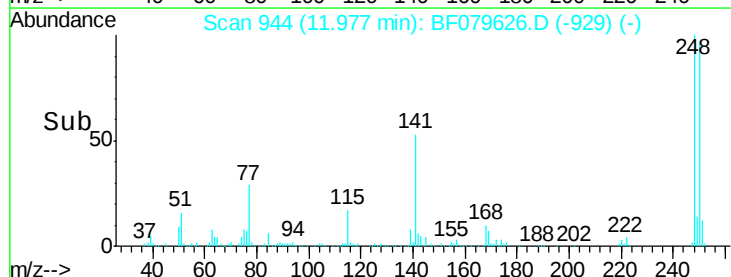
141 54.1 57.7 86.5#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

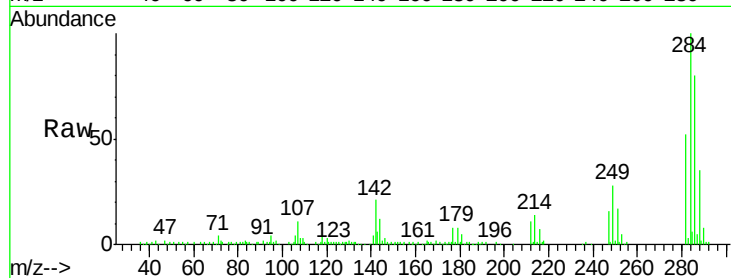




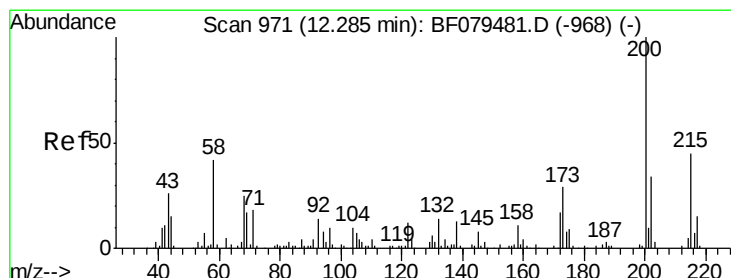
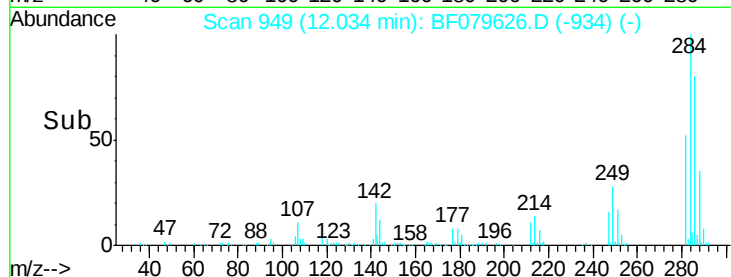
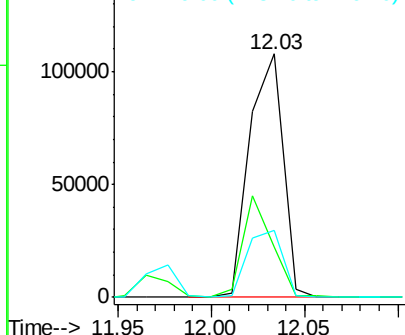
#67
Hexachlorobenzene
Concen: 38.79 ng
RT: 12.03 min Scan# 949
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Instrument :
BNA_F
ClientSampleId :
PX4MSD

Tgt Ion: 284 Resp: 134323
Ion Ratio Lower Upper
284 100
142 20.7 26.2 39.2#
249 27.6 24.3 36.5

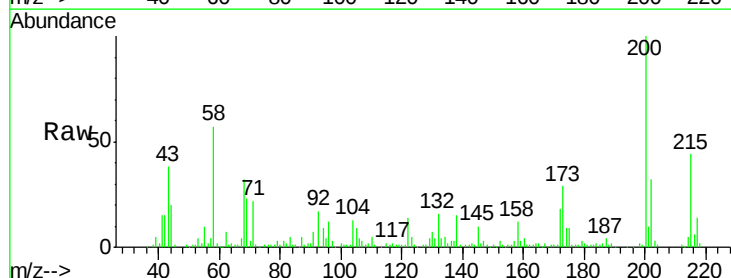


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

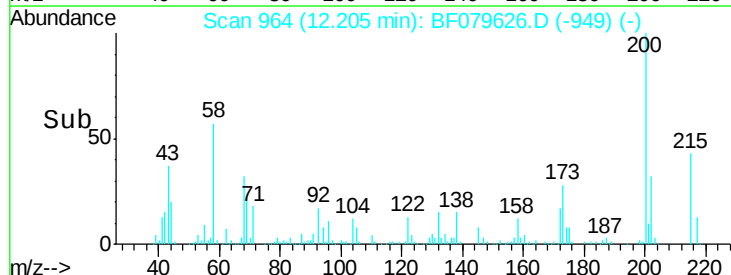
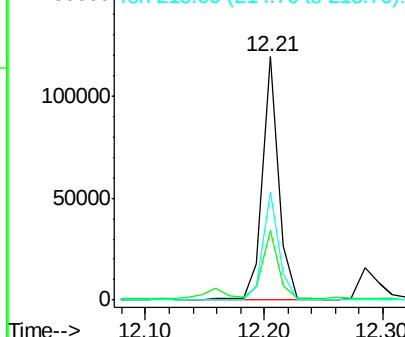


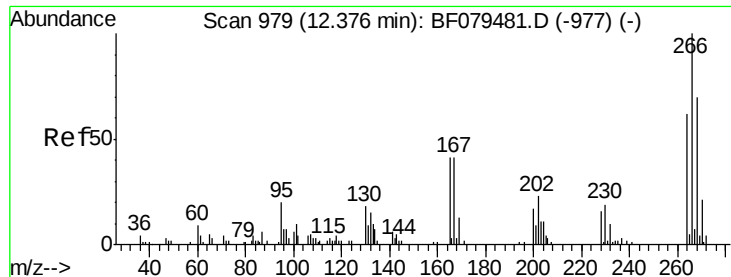
#68
Atrazine
Concen: 43.70 ng
RT: 12.21 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion: 200 Resp: 115639
Ion Ratio Lower Upper
200 100
173 28.7 9.4 49.4
215 44.2 25.3 65.3



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

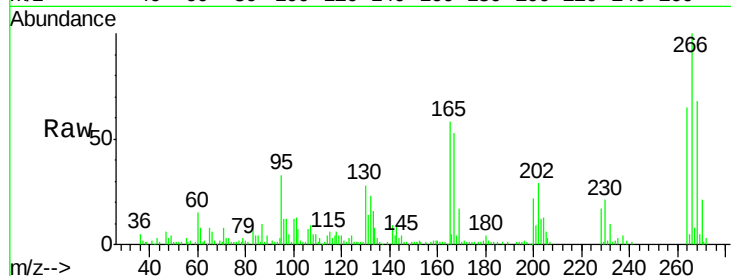




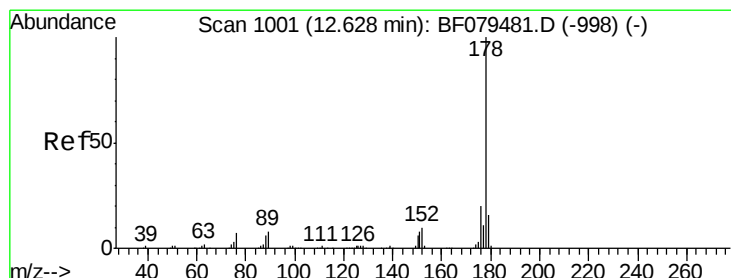
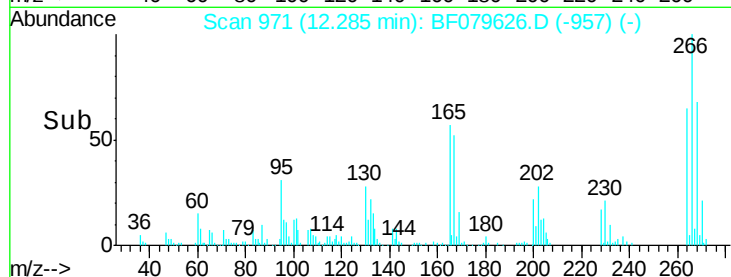
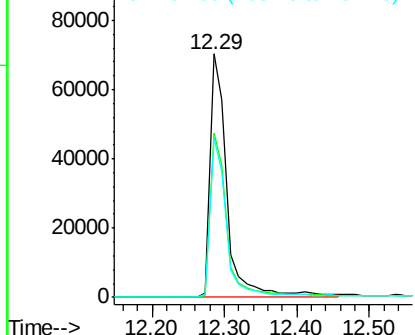
#69
 Pentachlorophenol
 Concen: 86.53 ng
 RT: 12.29 min Scan# 971
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

Tgt Ion:266 Resp: 114783
 Ion Ratio Lower Upper
 266 100
 268 67.7 56.1 84.1
 264 65.3 50.0 75.0

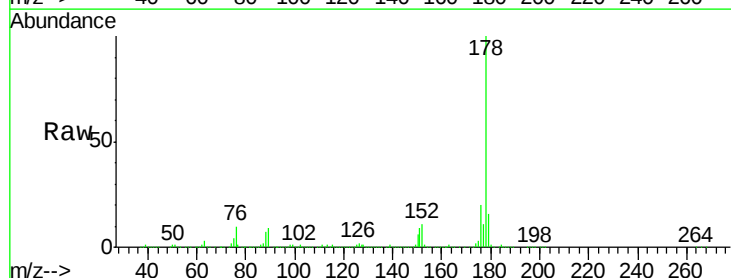


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

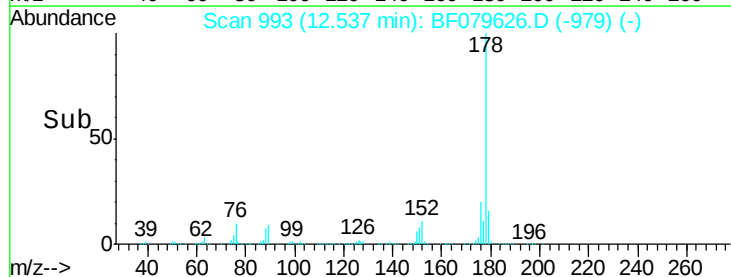
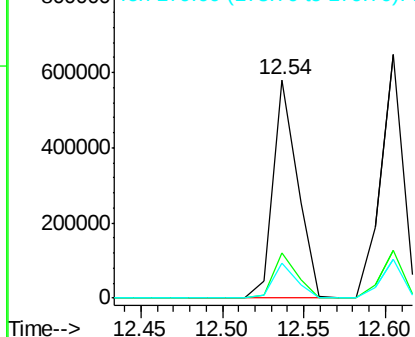


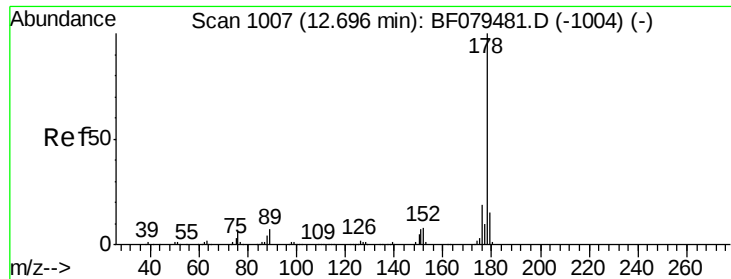
#70
 Phenanthrene
 Concen: 37.51 ng
 RT: 12.54 min Scan# 993
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:178 Resp: 606976
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 16.0 12.4 18.6



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

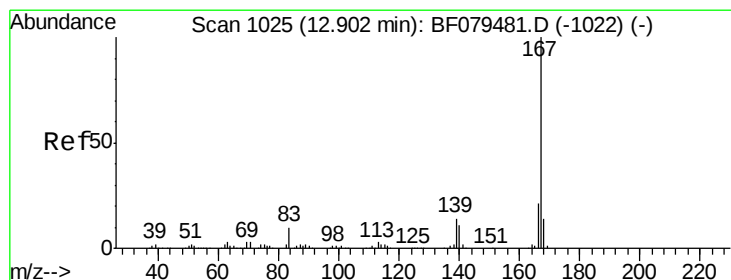
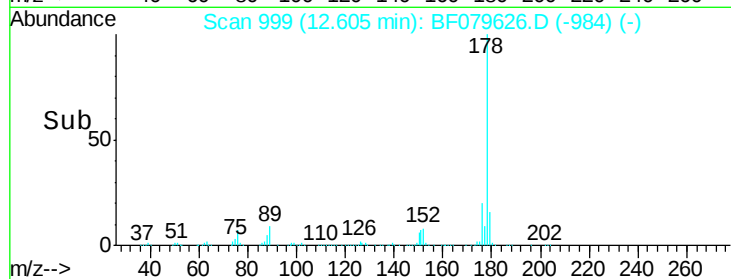
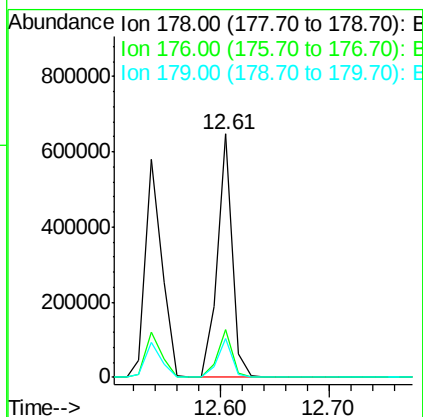
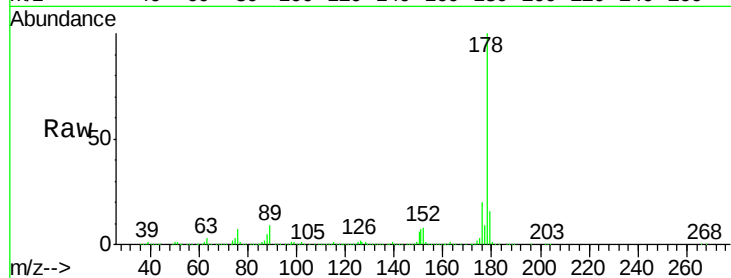




#71
 Anthracene
 Concen: 37.96 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

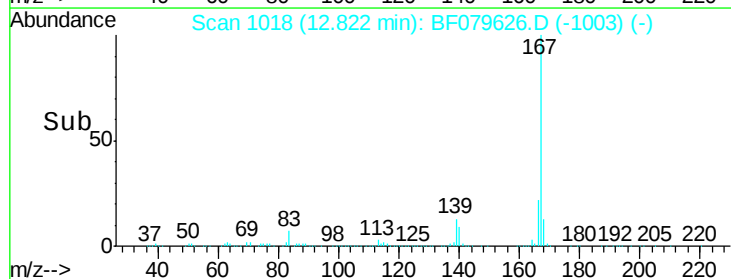
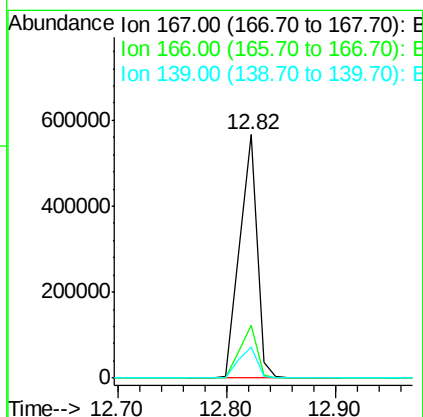
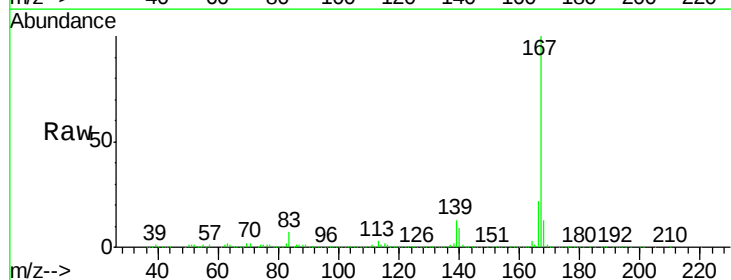
Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

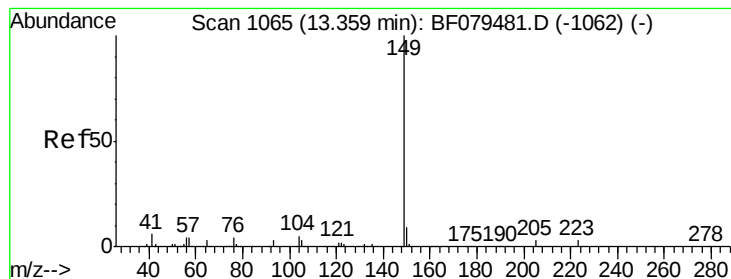
Tgt Ion:178 Resp: 623606
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 15.7 12.2 18.4



#72
 Carbazole
 Concen: 39.08 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:167 Resp: 618138
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 12.8 11.2 16.8





#73

Di-n-butylphthalate

Concen: 43.83 ng

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

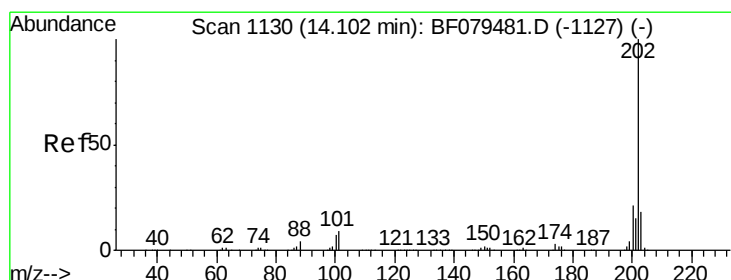
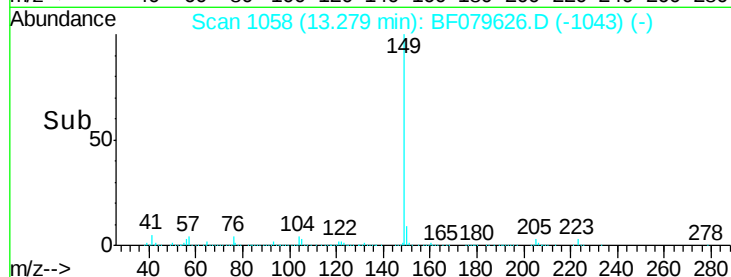
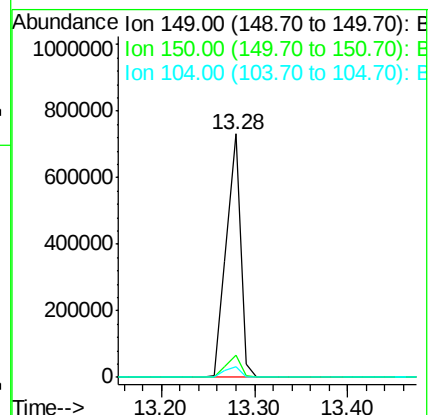
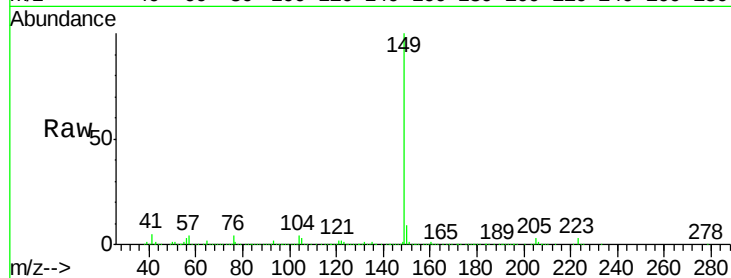
Tgt Ion:149 Resp: 776034

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.2 3.6 5.4



#74

Fluoranthene

Concen: 39.84 ng

RT: 14.01 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

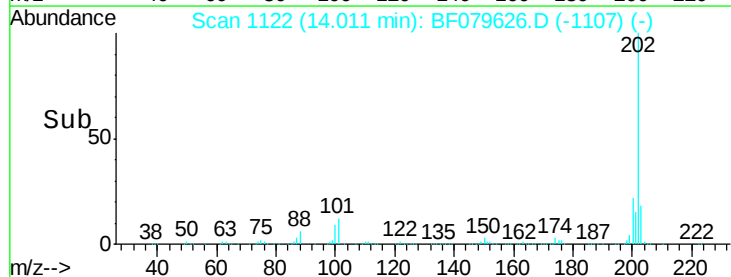
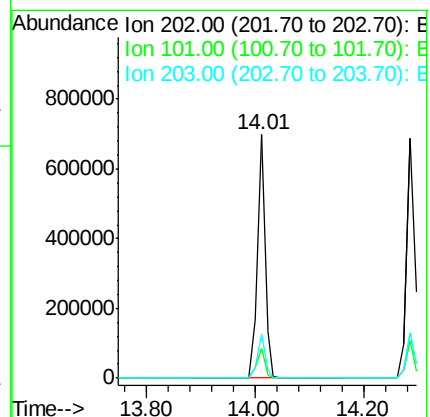
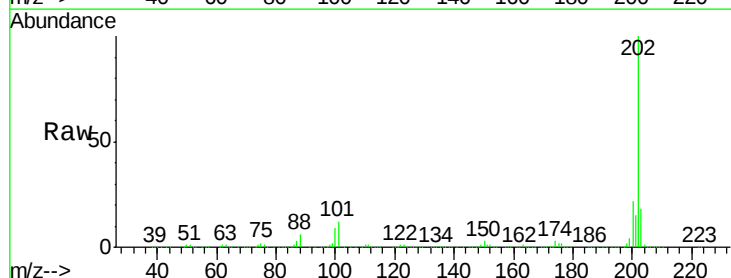
Tgt Ion:202 Resp: 691292

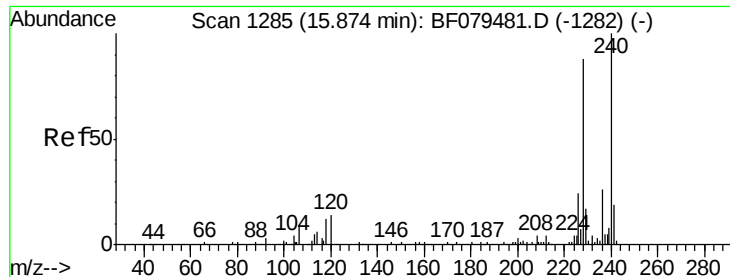
Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.3

203 17.8 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

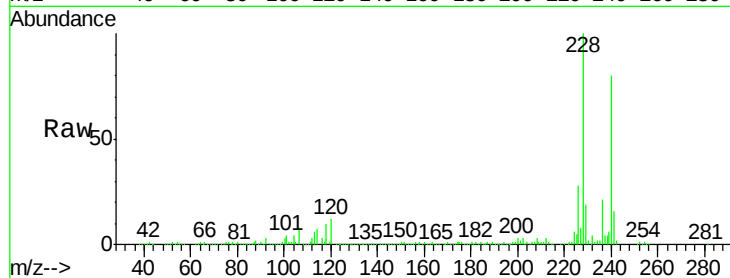
Tgt Ion:240 Resp: 308490

Ion Ratio Lower Upper

240 100

120 14.8 10.8 16.2

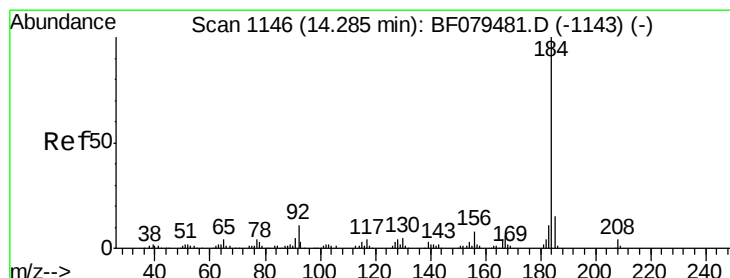
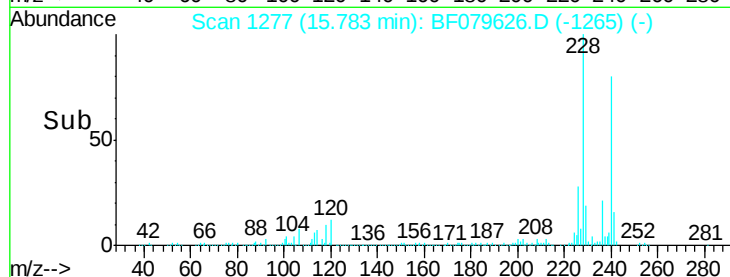
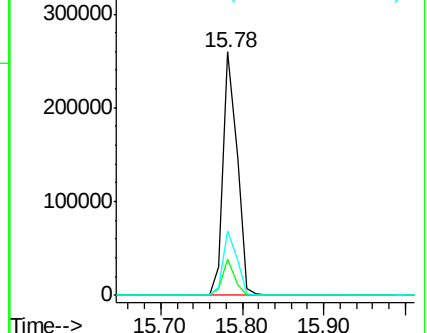
236 26.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.13 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

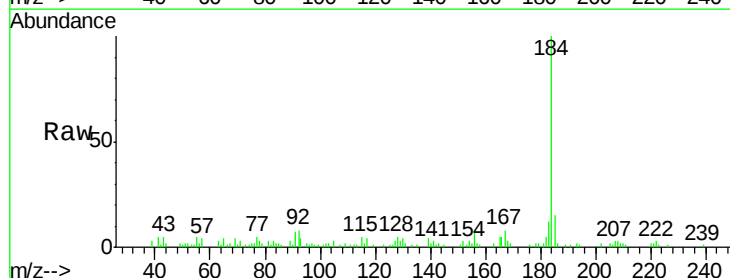
Tgt Ion:184 Resp: 40484

Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

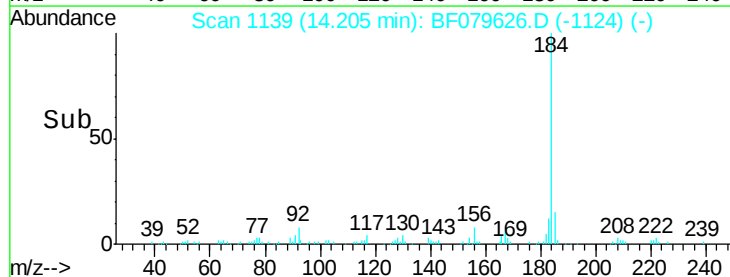
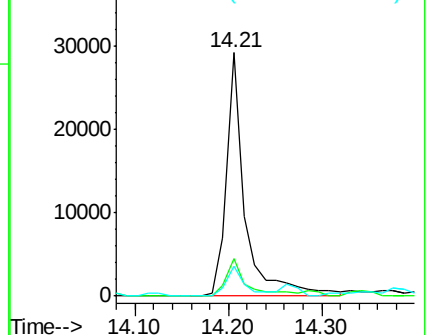
183 12.2 8.6 12.8

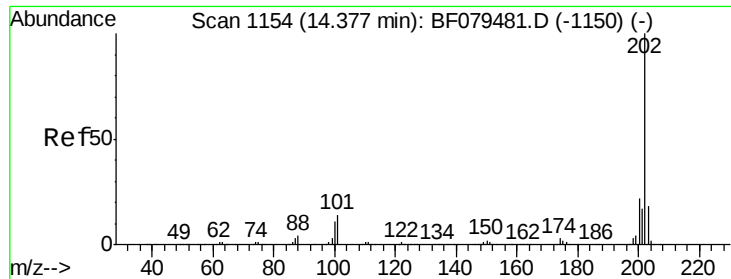


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

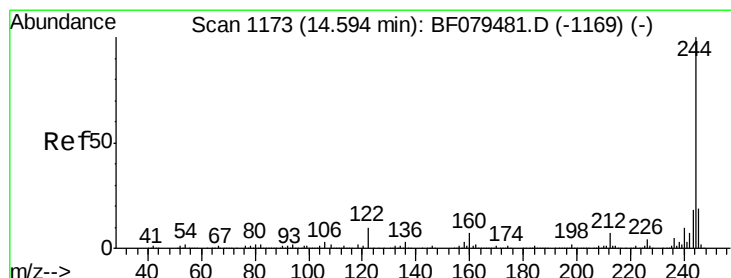
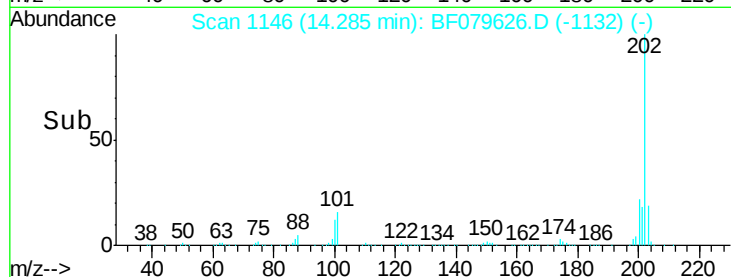
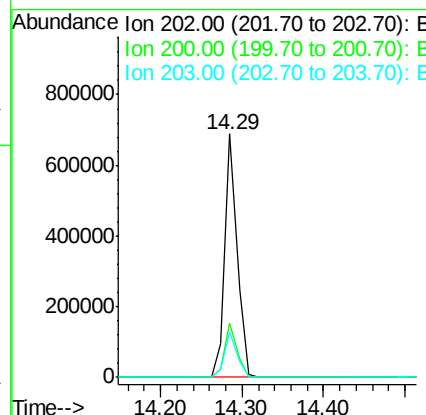
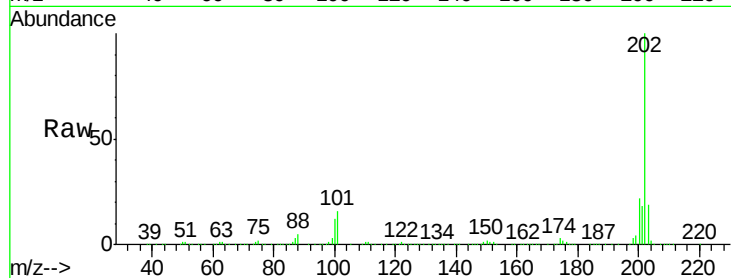




#77
 Pyrene
 Concen: 37.45 ng
 RT: 14.29 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

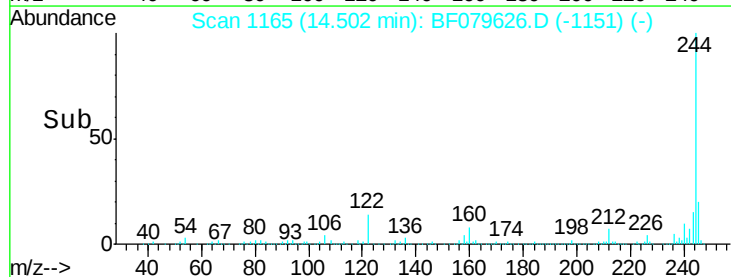
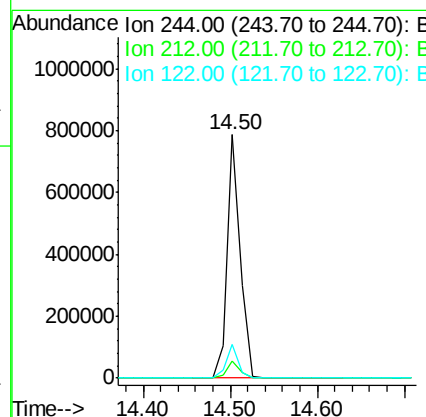
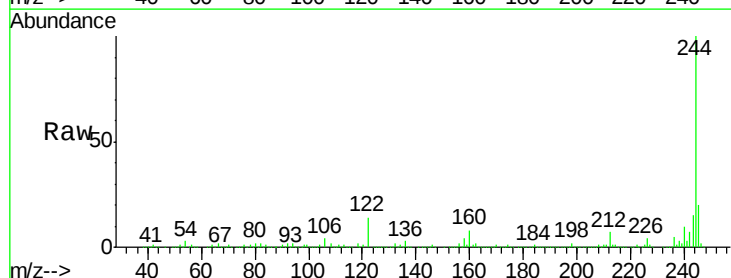
Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

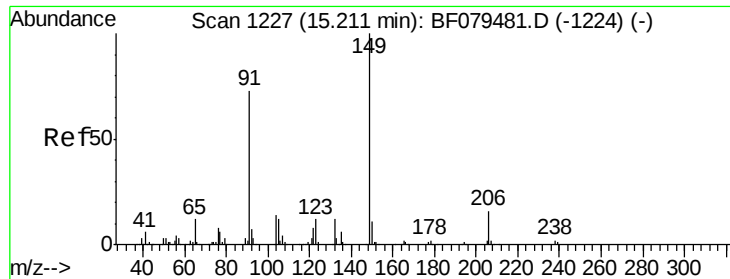
Tgt Ion: 202 Resp: 715774
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.5 26.3
 203 18.7 14.4 21.6



#78
 Terphenyl-d14
 Concen: 62.65 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 244 Resp: 823513
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 13.7 8.0 12.0#

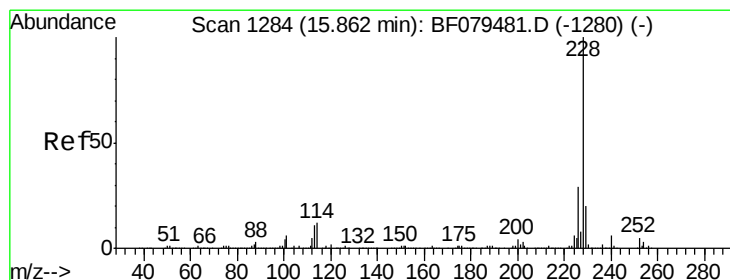
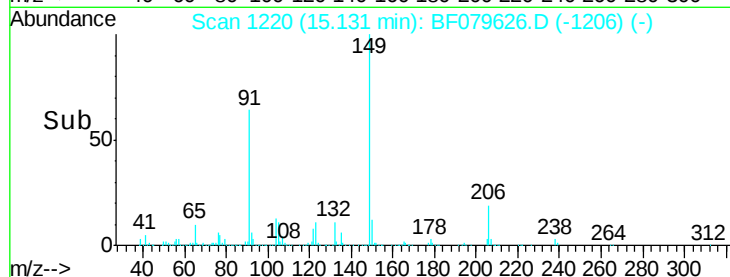
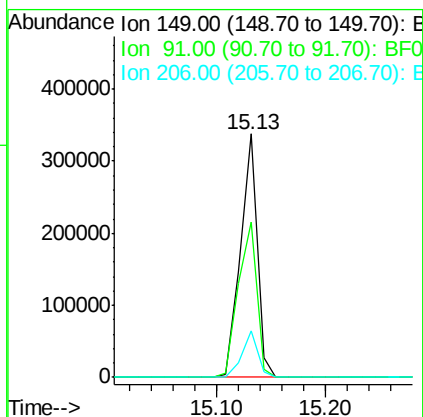
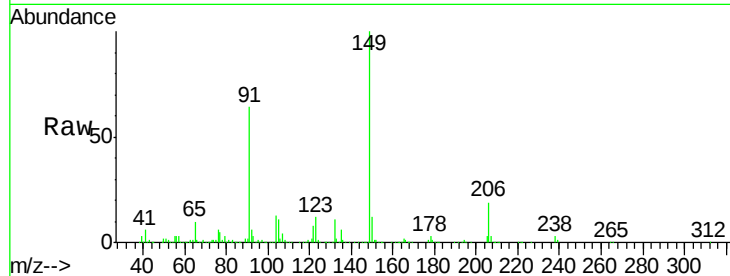




#79
Butylbenzylphthalate
Concen: 41.36 ng
RT: 15.13 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

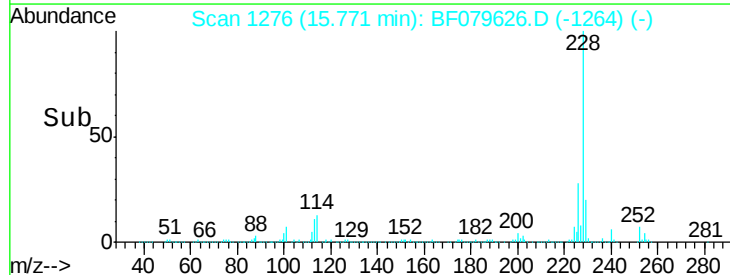
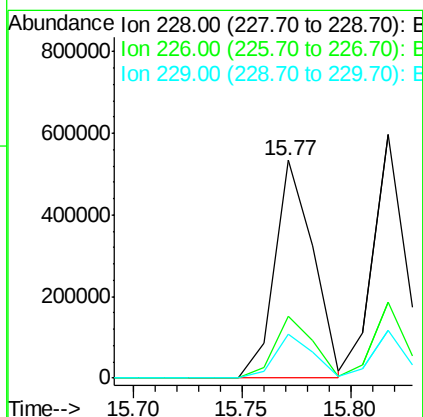
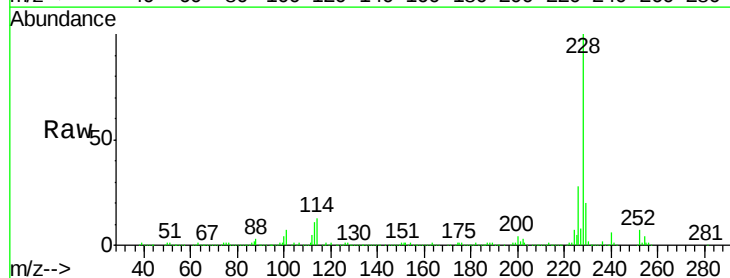
Instrument :
BNA_F
ClientSampleId :
PX4MSD

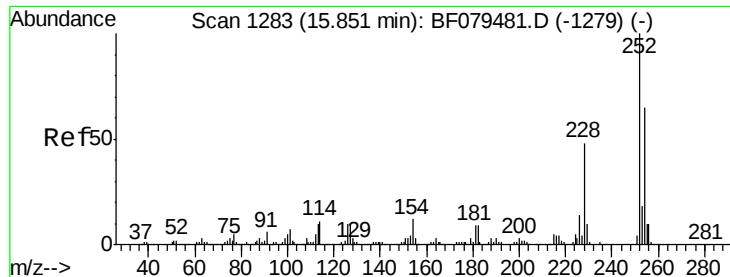
Tgt Ion:149 Resp: 355522
Ion Ratio Lower Upper
149 100
91 63.8 58.1 87.1
206 19.1 13.1 19.7



#80
Benzo(a)anthracene
Concen: 36.98 ng
RT: 15.77 min Scan# 1276
Delta R.T. -0.06 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion:228 Resp: 656339
Ion Ratio Lower Upper
228 100
226 28.5 22.8 34.2
229 20.3 15.9 23.9

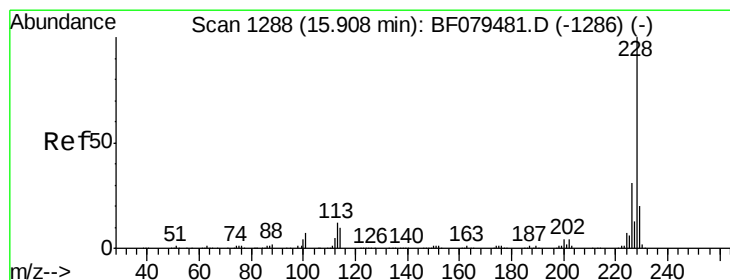
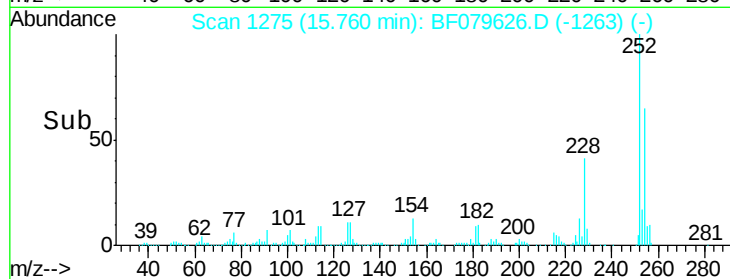
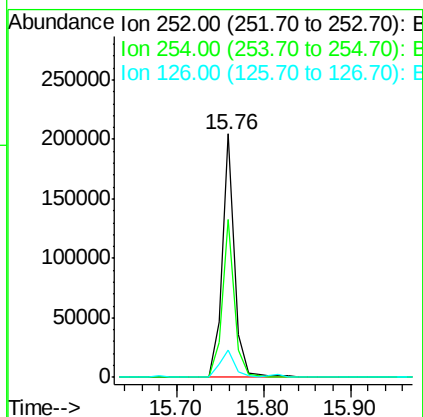
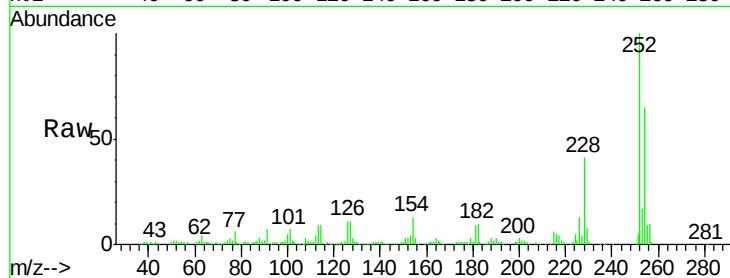




#81
 3,3'-Dichlorobenzidine
 Concen: 31.70 ng
 RT: 15.76 min Scan# 1275
 Delta R.T. -0.06 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

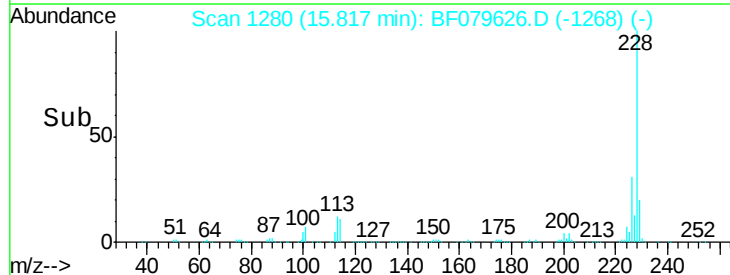
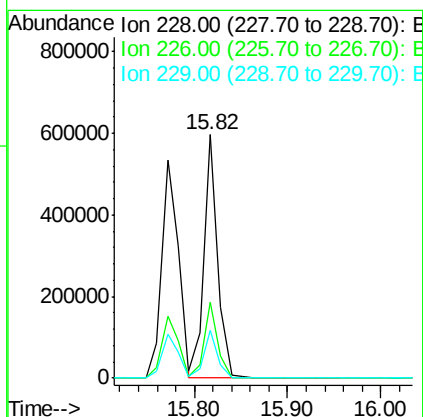
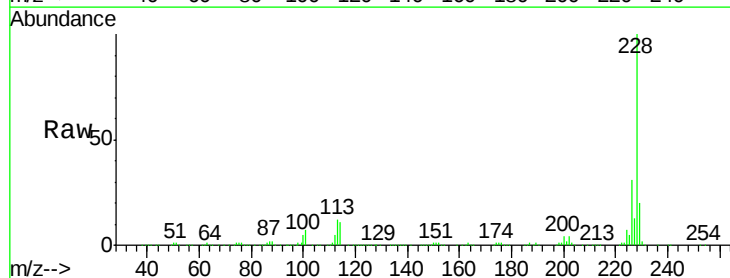
Instrument :
 BNA_F
 ClientSampleID :
 PX4MSD

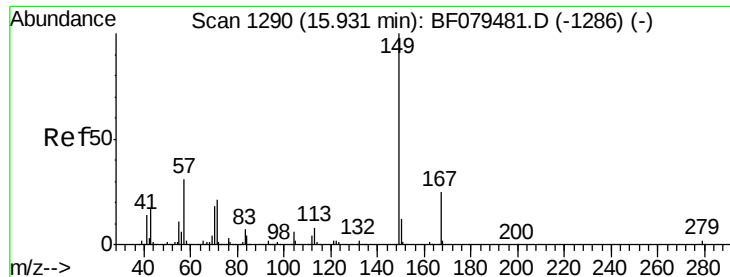
Tgt Ion: 252 Resp: 206008
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.1 78.1
 126 11.0 8.2 12.2



#82
 Chrysene
 Concen: 36.50 ng
 RT: 15.82 min Scan# 1280
 Delta R.T. -0.06 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion: 228 Resp: 615738
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.4
 229 19.8 15.9 23.9

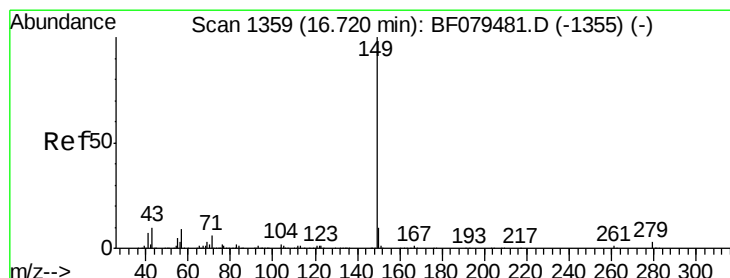
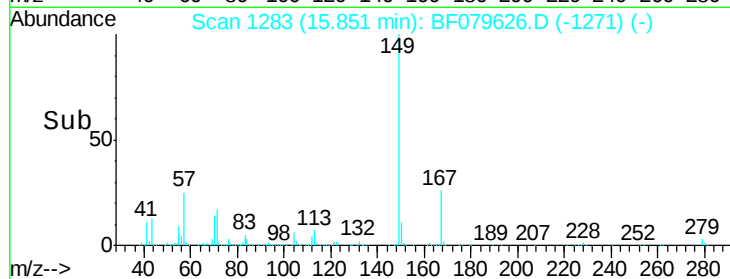
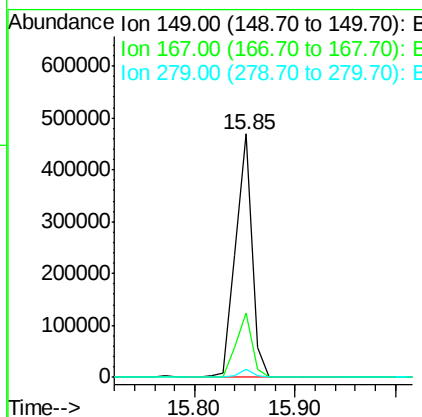
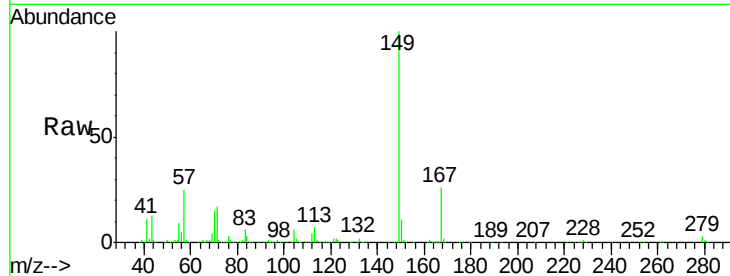




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.11 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. -0.06 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

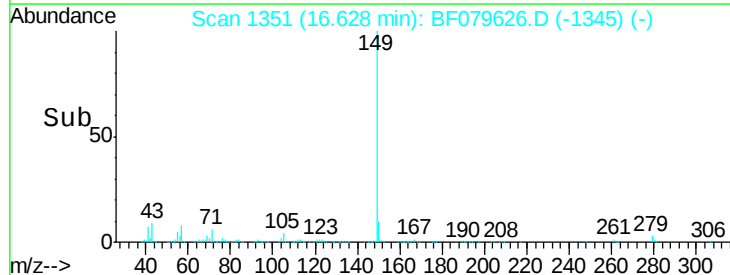
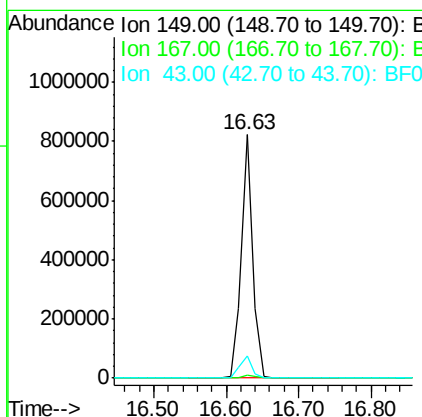
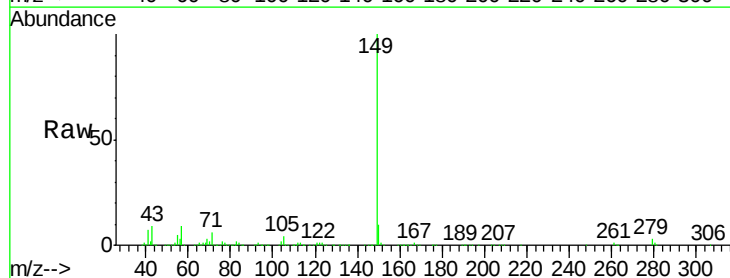
Instrument :
 BNA_F
 ClientSampleId :
 PX4MSD

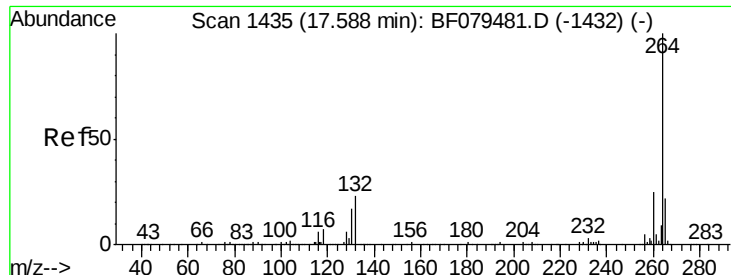
Tgt Ion:149 Resp: 530802
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 3.5 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 41.89 ng
 RT: 16.63 min Scan# 1351
 Delta R.T. -0.13 min
 Lab File: BF079626.D
 Acq: 31 May 2015 4:20

Tgt Ion:149 Resp: 897746
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.6 7.8 11.6

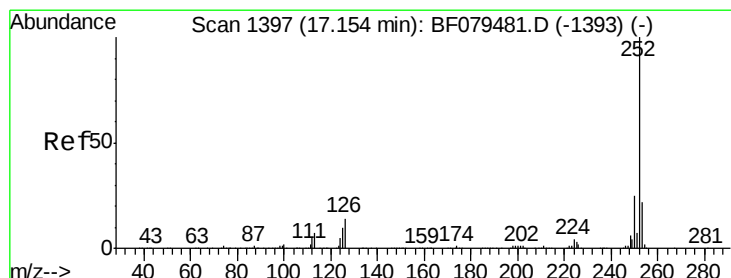
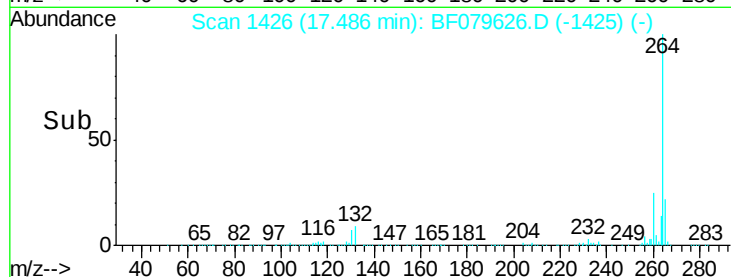
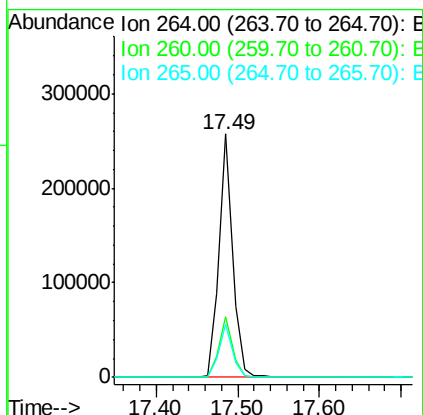
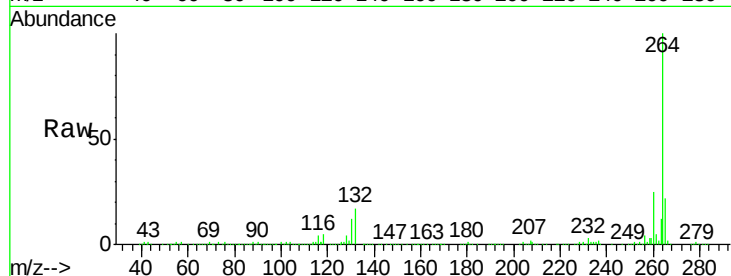




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.18 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

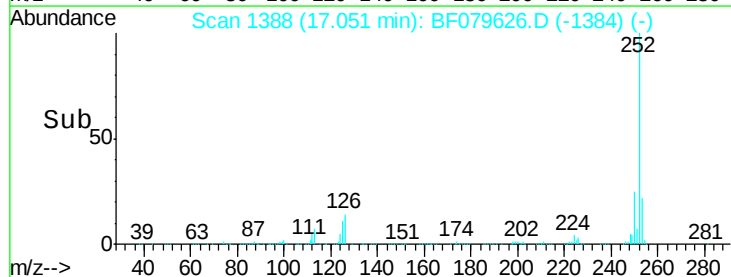
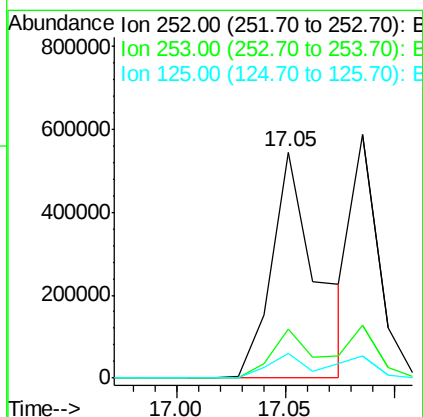
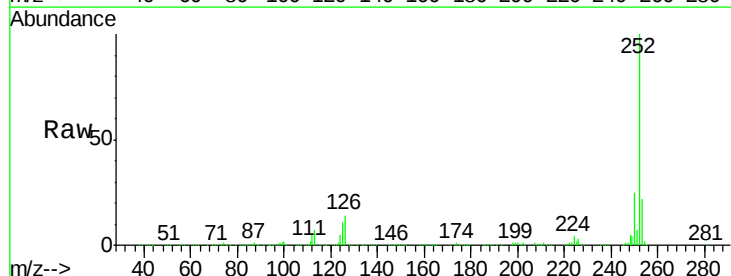
Instrument :
BNA_F
ClientSampleId :
PX4MSD

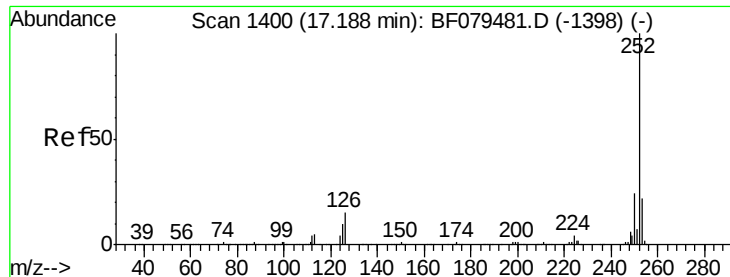
Tgt Ion: 264 Resp: 301875
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.8
265 21.9 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 46.27 ng
RT: 17.05 min Scan# 1388
Delta R.T. -0.15 min
Lab File: BF079626.D
Acq: 31 May 2015 4:20

Tgt Ion: 252 Resp: 796543
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.7 7.8 11.6





#88

Benzo(k)fluoranthene

Concen: 51.74 ng

RT: 17.05 min Scan# 1388

Delta R.T. -0.18 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

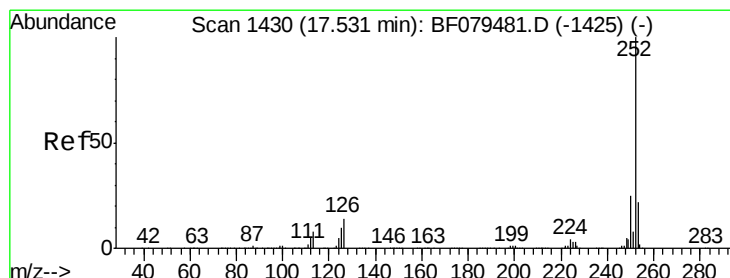
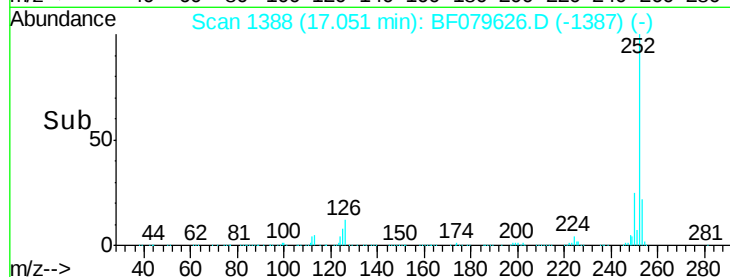
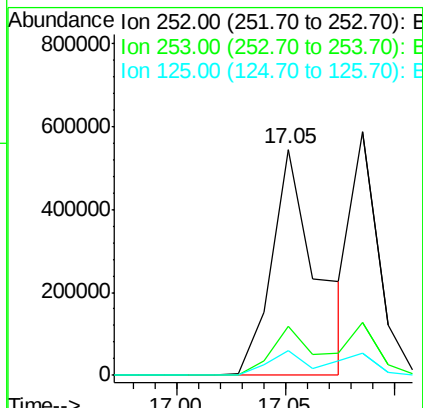
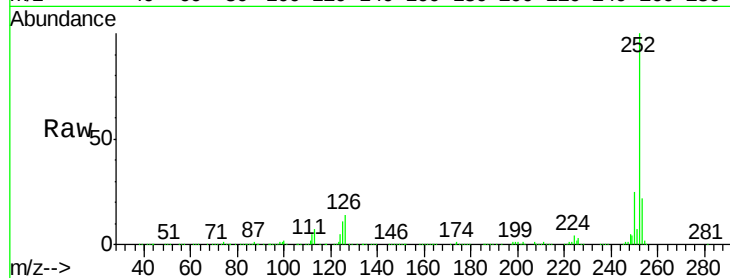
Instrument :

BNA_F

ClientSampleId :

PX4MSD

Tgt Ion:	252	Resp:	796543
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	6.8	10.2#



#89

Benzo(a)pyrene

Concen: 41.97 ng

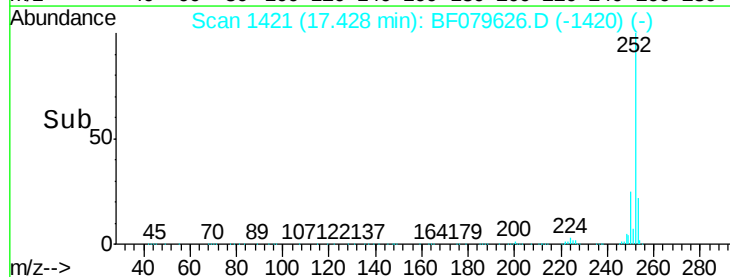
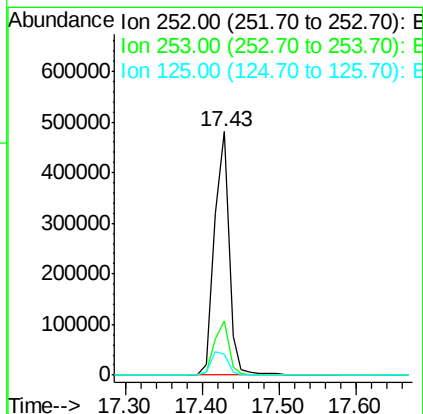
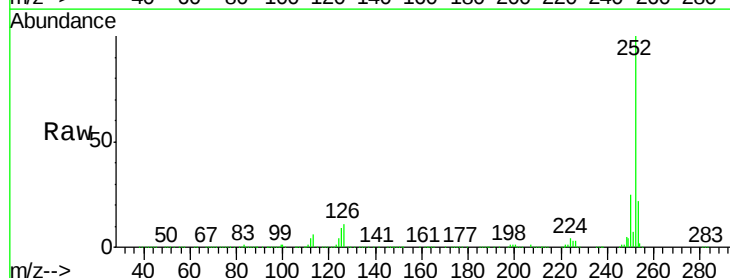
RT: 17.43 min Scan# 1421

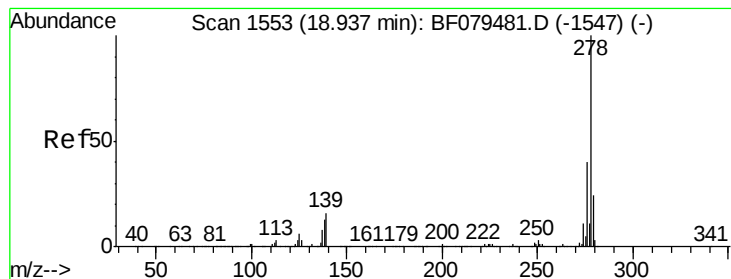
Delta R.T. -0.18 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Tgt Ion:	252	Resp:	635652
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.9	11.9





#90

Dibenzo(a,h)anthracene

Concen: 39.74 ng

RT: 18.79 min Scan# 1540

Delta R.T. -0.25 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

Instrument :

BNA_F

ClientSampleId :

PX4MSD

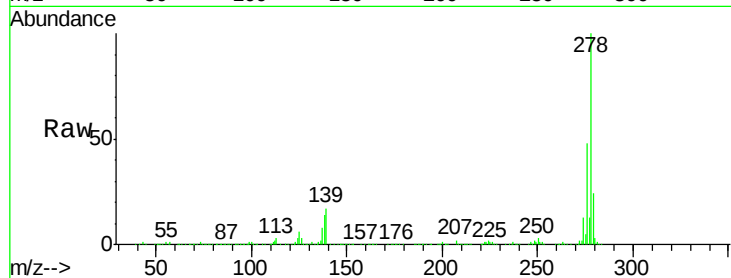
Tgt Ion: 278 Resp: 630475

Ion Ratio Lower Upper

278 100

139 17.0 12.8 19.2

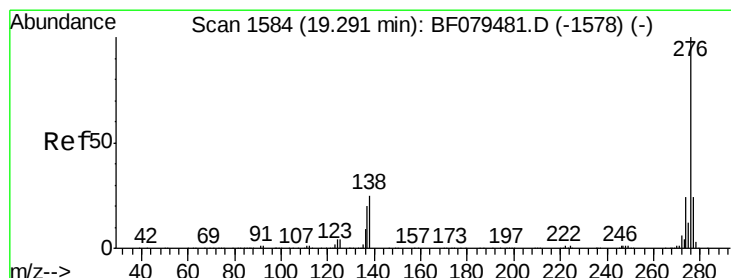
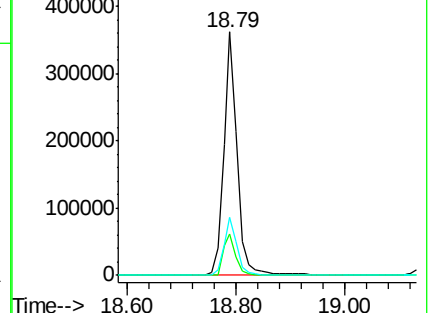
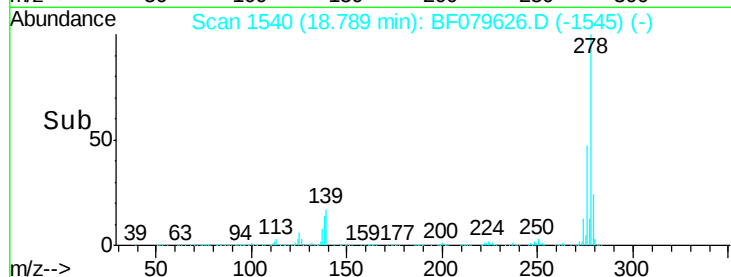
279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.82 ng

RT: 19.14 min Scan# 1571

Delta R.T. -0.26 min

Lab File: BF079626.D

Acq: 31 May 2015 4:20

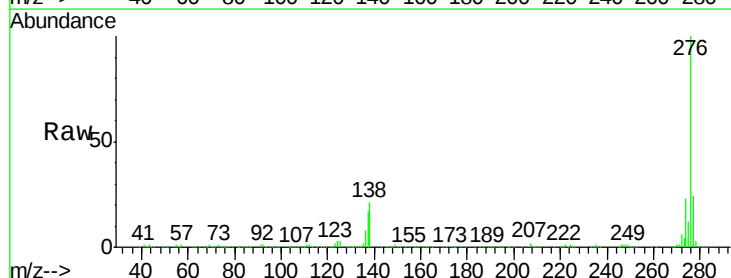
Tgt Ion: 276 Resp: 642793

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 21.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

