

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079405.D
 Acq On : 21 May 2015 16:15
 Operator : TP/IZ
 Sample : PB83521BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Quant Time: May 22 01:29:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	61794	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	252591	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	120398	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	237263	20.00	ng	0.00
75) Chrysene-d12	15.95	240	241656	20.00	ng	-0.01
86) Perylene-d12	17.75	264	249026	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	453621	126.36	ng	0.00
7) Phenol-d6	6.65	99	633741	133.56	ng	0.00
23) Nitrobenzene-d5	7.77	82	362831	82.56	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	187141	143.68	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	739208	85.54	ng	0.00
78) Terphenyl-d14	14.65	244	844491	83.67	ng	0.00

Target Compounds						Qvalue
6) Aniline	6.66	93	141542	21.13	ng	# 7
8) 2-Chlorophenol	6.80	128	176277	43.29	ng	95
9) Benzaldehyde	6.51	77	29974	9.38	ng	96
10) Phenol	6.66	94	223118	40.53	ng	# 68
11) bis(2-Chloroethyl)ether	6.76	93	166540	41.27	ng	91
12) 1,3-Dichlorobenzene	6.99	146	191259	41.79	ng	96
13) 1,4-Dichlorobenzene	7.10	146	188704	40.07	ng	97
14) 1,2-Dichlorobenzene	7.28	146	178399	40.69	ng	96
15) Benzyl Alcohol	7.26	79	137766	39.11	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	248320	40.22	ng	98
17) 2-Methylphenol	7.42	107	139977	42.72	ng	98
18) Hexachloroethane	7.69	117	69146	42.62	ng	96
19) n-Nitroso-di-n-propylamine	7.60	70	126050	39.33	ng	94
20) 3+4-Methylphenols	7.61	107	185513	42.49	ng	# 44
22) Acetophenone	7.59	105	249983	43.81	ng	# 85
24) Nitrobenzene	7.79	77	183578	42.14	ng	# 82
25) Isophorone	8.09	82	338304	41.52	ng	94
26) 2-Nitrophenol	8.18	139	81856	45.40	ng	# 85
27) 2,4-Dimethylphenol	8.26	122	157773	43.73	ng	99
28) bis(2-Chloroethoxy)methane	8.38	93	219819	43.76	ng	99
29) 2,4-Dichlorophenol	8.49	162	147340	45.92	ng	88
30) 1,2,4-Trichlorobenzene	8.58	180	148392	42.10	ng	99
31) Naphthalene	8.67	128	521133	43.30	ng	99
32) Benzoic acid	8.39	122	90893	41.24	ng	94
33) 4-Chloroaniline	8.75	127	118760	23.32	ng	95
34) Hexachlorobutadiene	8.83	225	81871	40.34	ng	100
35) Caprolactam	9.19	113	45827	44.17	ng	91
36) 4-Chloro-3-methylphenol	9.37	107	155728	46.21	ng	91
37) 2-Methylnaphthalene	9.53	142	355932	42.68	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	140830	41.53	ng	98
40) Hexachlorocyclopentadiene	9.72	237	113033	66.29	ng	97
42) 2,4,6-Trichlorophenol	9.90	196	98789	42.38	ng	98
43) 2,4,5-Trichlorophenol	9.94	196	106373	45.13	ng	96
45) 1,1'-Biphenyl	10.11	154	417832	43.65	ng	97

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 ALS Vial : 5 Sample Multiplier: 1

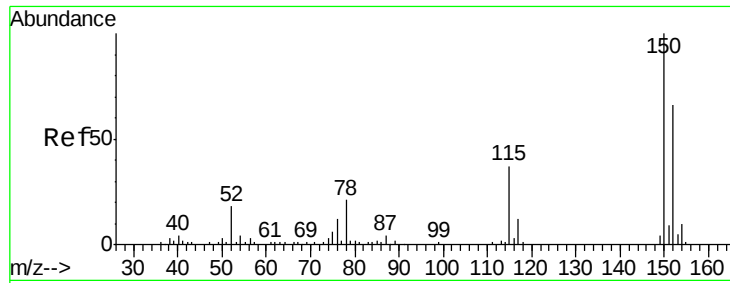
Instrument :
 BNA_F
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Quant Time: May 22 01:29:30 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2-Chloronaphthalene	10.14	162	329787	44.17	nq	92
47) 2-Nitroaniline	10.27	65	97307	44.98	nq	# 62
48) Acenaphthylene	10.64	152	527886	43.06	nq	99
49) Dimethylphthalate	10.51	163	394428	44.64	nq	97
50) 2,6-Dinitrotoluene	10.58	165	81311	46.63	nq	# 72
51) Acenaphthene	10.86	154	303121	41.47	nq	100
52) 3-Nitroaniline	10.78	138	67465	30.97	nq	93
53) 2,4-Dinitrophenol	10.92	184	50546	72.82	nq	# 66
54) Dibenzofuran	11.07	168	463904	43.93	nq	99
55) 4-Nitrophenol	11.02	139	134719	78.14	nq	# 69
56) 2,4-Dinitrotoluene	11.09	165	108032	46.86	nq	# 85
57) Fluorene	11.50	166	390845	45.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.23	232	83203	43.20	nq	99
59) Diethylphthalate	11.38	149	387371	44.25	nq	99
60) 4-Chlorophenyl-phenylether	11.51	204	169086	43.98	nq	100
61) 4-Nitroaniline	11.53	138	93018	42.68	nq	96
62) Azobenzene	11.70	77	388746	45.07	nq	99
64) 4,6-Dinitro-2-methylphenol	11.59	198	40476	42.81	nq	93
65) n-Nitrosodiphenylamine	11.66	169	322872	40.86	nq	99
66) 4-Bromophenyl-phenylether	12.11	248	109823	44.41	nq	# 87
67) Hexachlorobenzene	12.17	284	120080	42.48	nq	# 82
68) Atrazine	12.33	200	101554	44.20	nq	100
69) Pentachlorophenol	12.42	266	108584	66.89	nq	100
70) Phenanthrene	12.69	178	563528	42.46	nq	100
71) Anthracene	12.75	178	575533	44.20	nq	99
72) Carbazole	12.96	167	564322	45.47	nq	99
73) Di-n-butylphthalate	13.42	149	676037	45.42	nq	99
74) Fluoranthene	14.16	202	607726	43.94	nq	95
76) Benzidine	14.34	184	260105	39.94	nq	97
77) Pyrene	14.43	202	627097	45.03	nq	99
79) Butylbenzylphthalate	15.27	149	298403	49.02	nq	93
80) Benzo(a)anthracene	15.94	228	598867	45.25	nq	99
81) 3,3'-Dichlorobenzidine	15.92	252	164103	34.81	nq	# 98
82) Chrysene	15.99	228	537510	42.23	nq	98
83) Bis(2-ethylhexyl)phthalate	16.01	149	452506	49.08	nq	100
84) Di-n-octyl phthalate	16.83	149	781714	48.14	nq	97
85) Indeno(1,2,3-cd)pyrene	19.12	276	715773	44.14	nq	99
87) Benzo(b)fluoranthene	17.28	252	655049	48.06	nq	99
88) Benzo(k)fluoranthene	17.31	252	519999	39.41	nq	# 96
89) Benzo(a)pyrene	17.68	252	582394	46.40	nq	98
90) Dibenzo(a,h)anthracene	19.14	278	594576	44.58	nq	98
91) Benzo(g,h,i)perylene	19.52	276	592055	44.29	nq	98

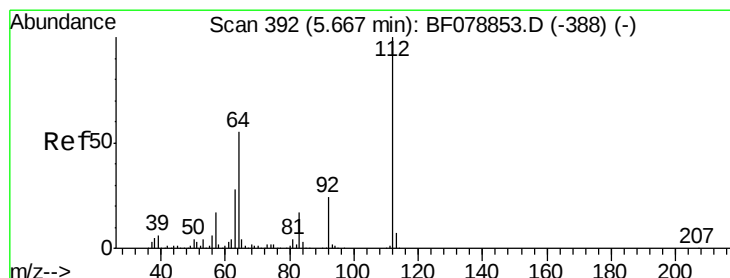
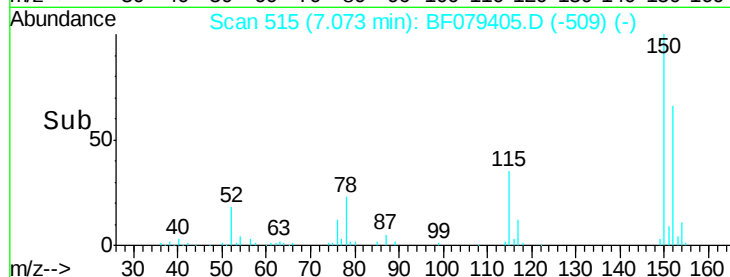
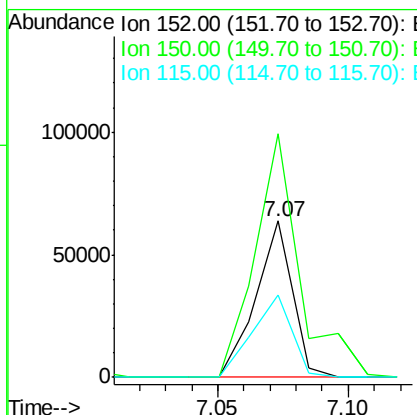
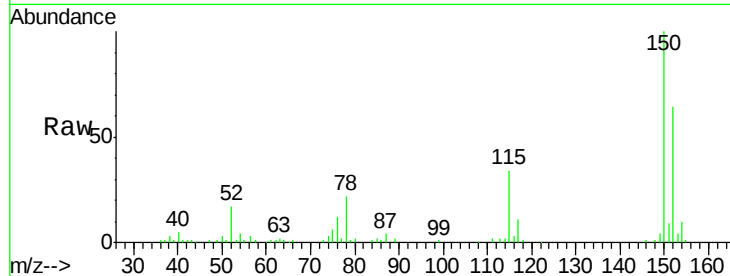
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

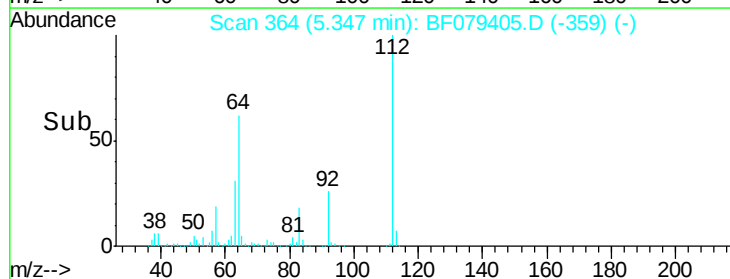
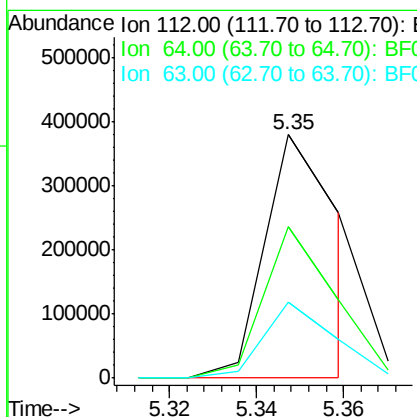
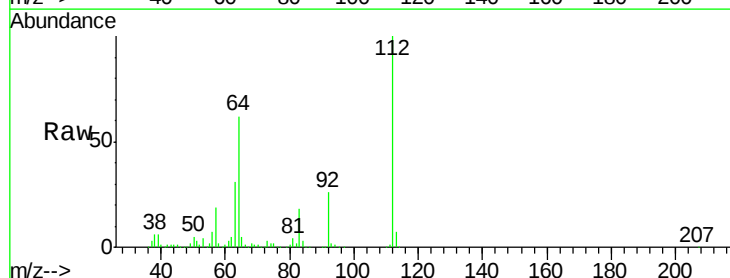
Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

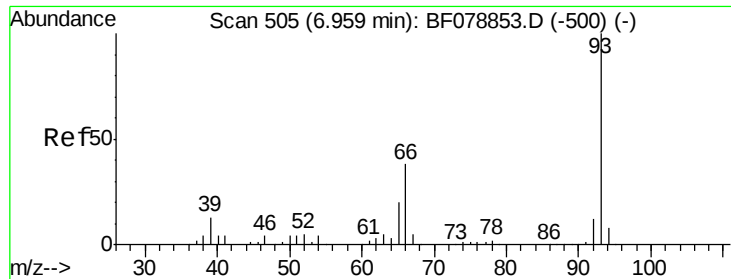
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.8	185.8
115	52.8	49.4	74.0



#5
 2-Fluorophenol
 Concen: 126.36 ng
 RT: 5.35 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	44.2	66.2
63	31.0	22.7	34.1





#6

Aniline

Concen: 21.13 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

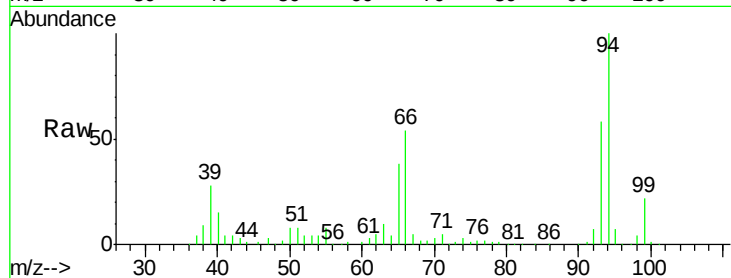
Tot Ion: 93 Resp: 141542

Ion Ratio Lower Upper

93 100

66 93.0 30.7 46.1#

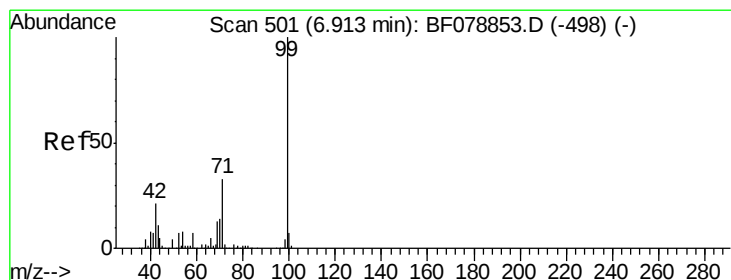
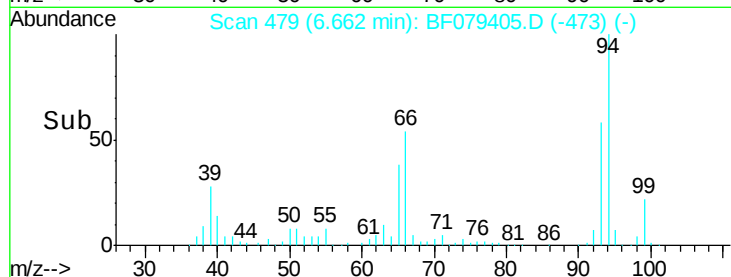
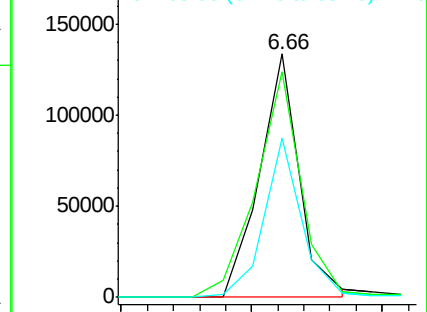
65 65.6 15.8 23.8#



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: 133.56 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

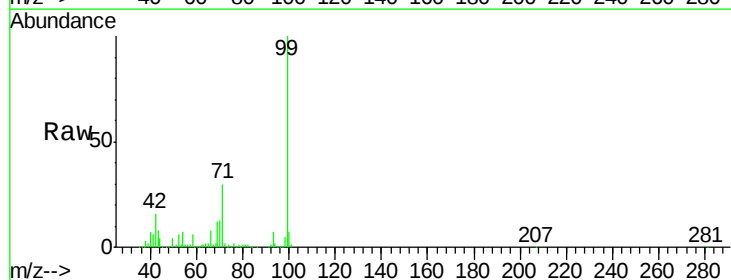
Tgt Ion: 99 Resp: 633741

Ion Ratio Lower Upper

99 100

42 16.3 17.1 25.7#

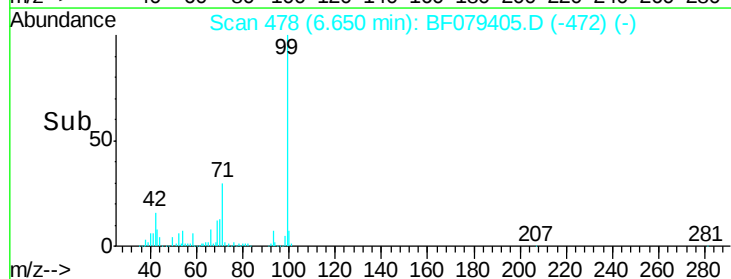
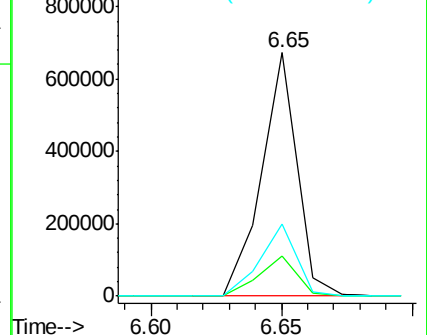
71 29.7 26.3 39.5

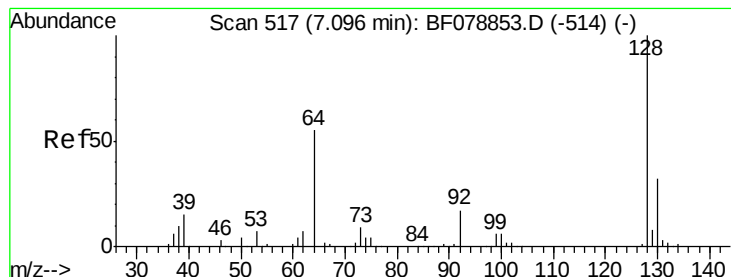


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 43.29 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

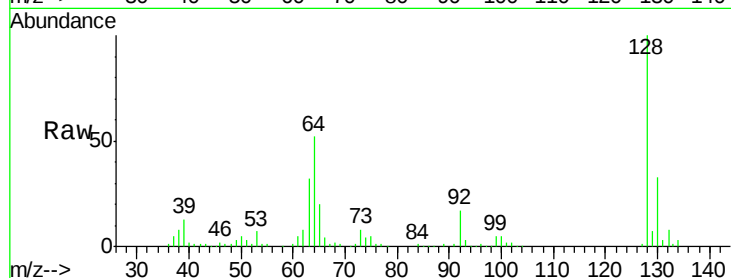
Tot Ion:128 Resp: 176277

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

64 51.6 37.8 77.8



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

200000

150000

100000

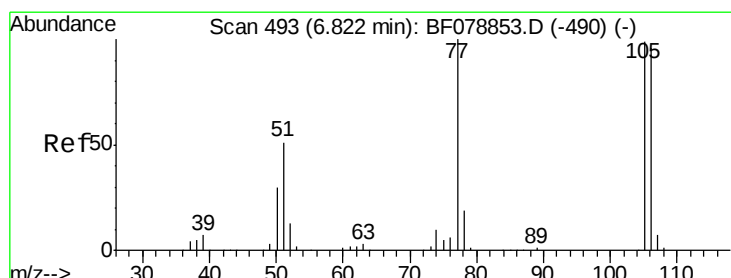
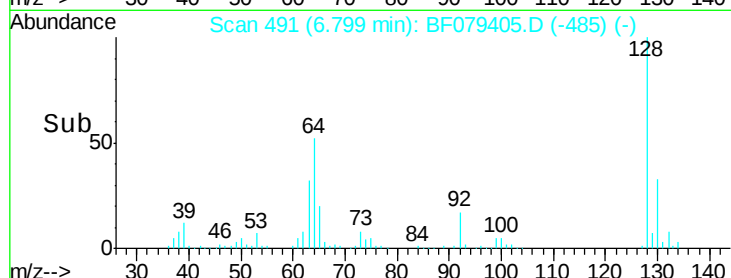
50000

0

6.75

6.80

Time-->



#9

Benzaldehyde

Concen: 9.38 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

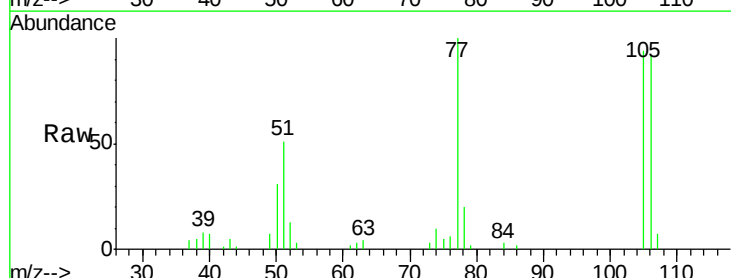
Tgt Ion: 77 Resp: 29974

Ion Ratio Lower Upper

77 100

105 94.4 78.9 118.9

106 92.1 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

30000

20000

10000

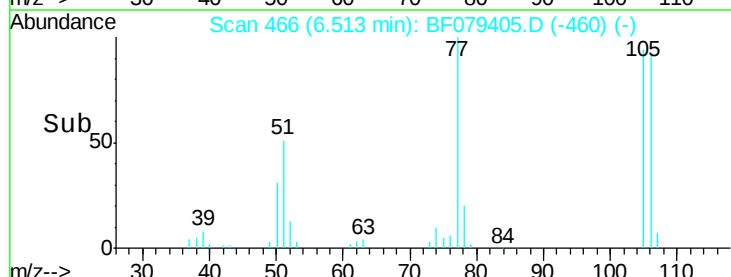
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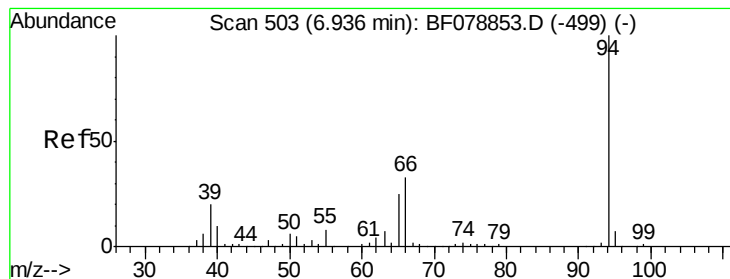
6.50

6.51

6.55

Time-->





#10

Phenol

Concen: 40.53 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

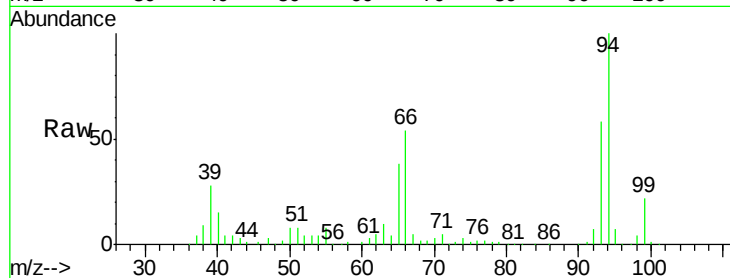
Tot Ion: 94 Resp: 223118

Ion Ratio Lower Upper

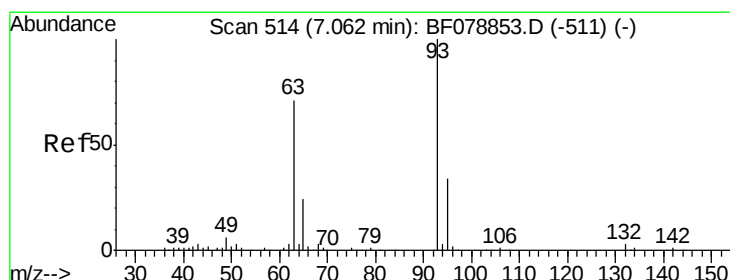
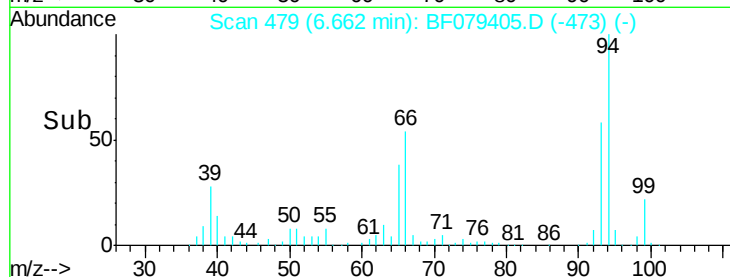
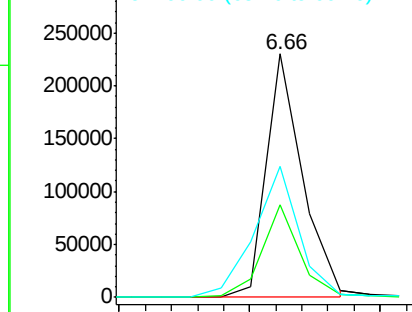
94 100

65 38.1 5.1 45.1

66 53.9 13.1 53.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 41.27 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

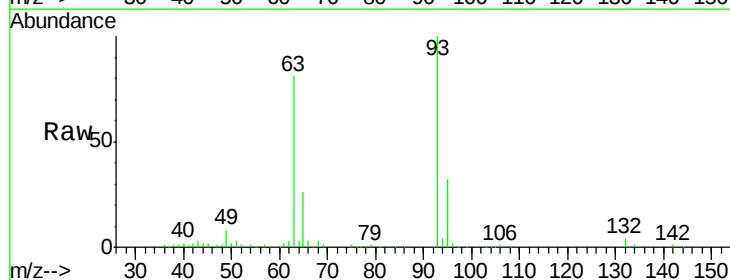
Tgt Ion: 93 Resp: 166540

Ion Ratio Lower Upper

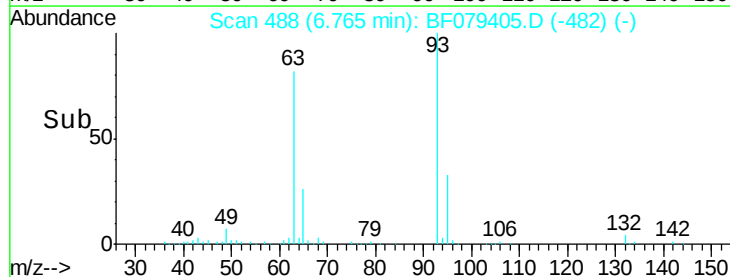
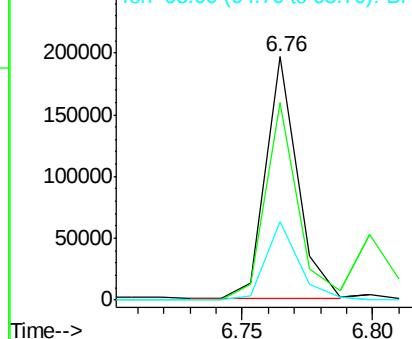
93 100

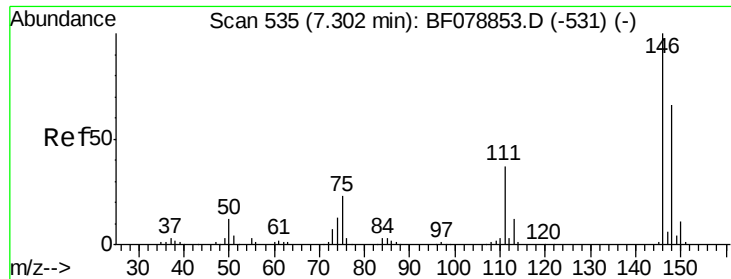
63 80.9 50.8 90.8

95 32.4 13.9 53.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

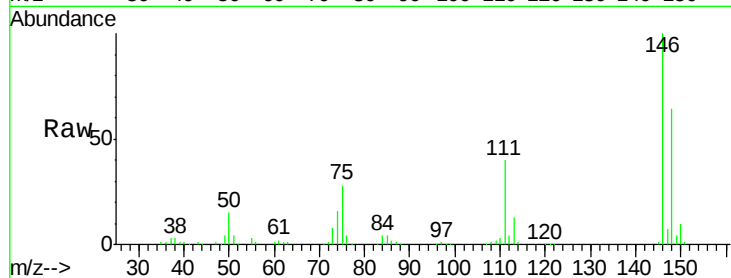




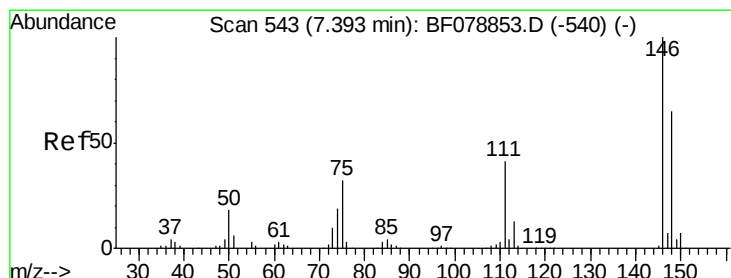
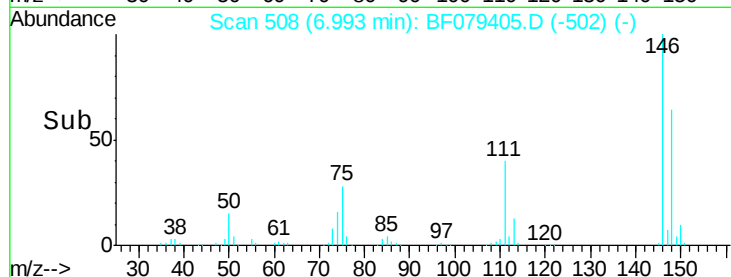
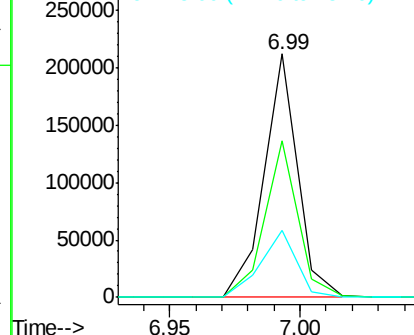
#12
 1,3-Dichlorobenzene
 Concen: 41.79 ng
 RT: 6.99 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:146 Resp: 191259
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.4 78.6
 75 27.6 18.6 27.8

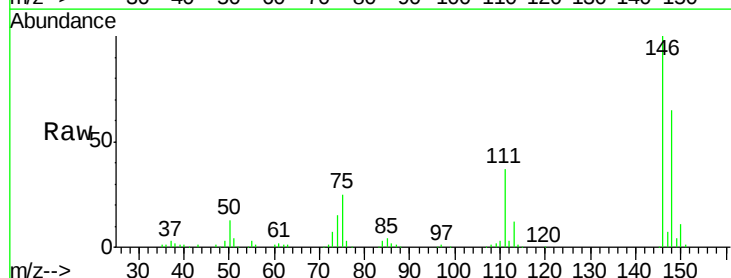


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

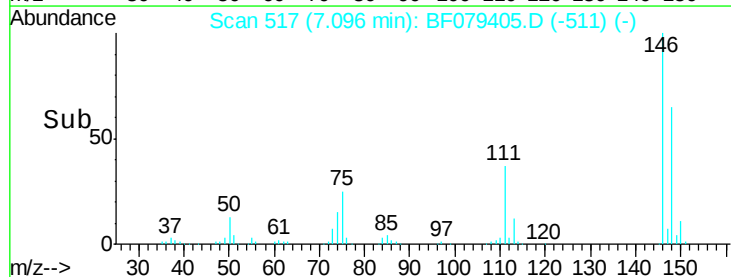
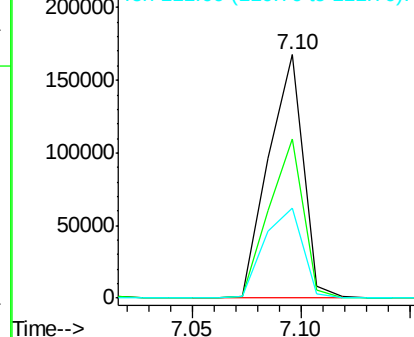


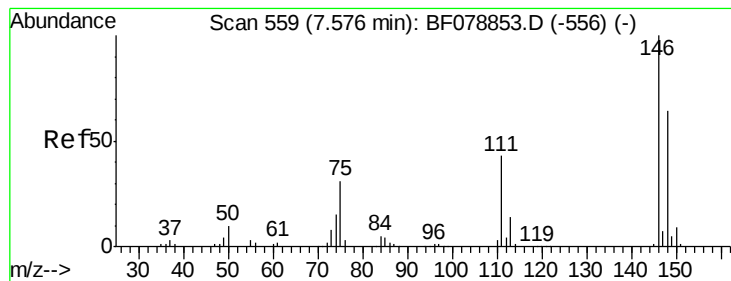
#13
 1,4-Dichlorobenzene
 Concen: 40.07 ng
 RT: 7.10 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:146 Resp: 188704
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.7 77.5
 111 37.2 32.8 49.2



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

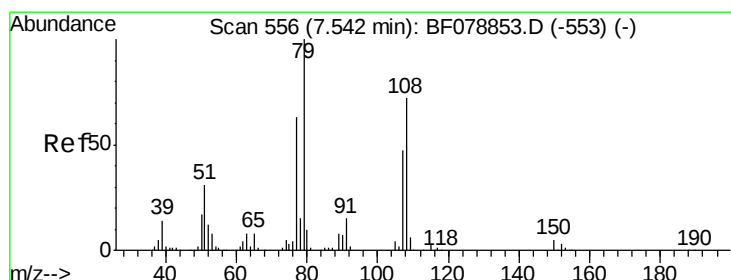
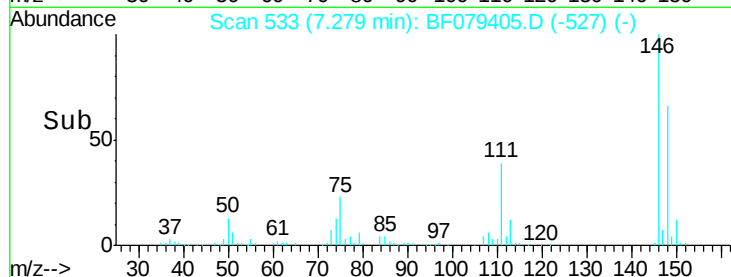
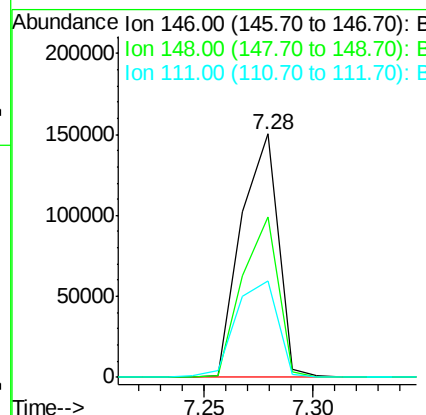
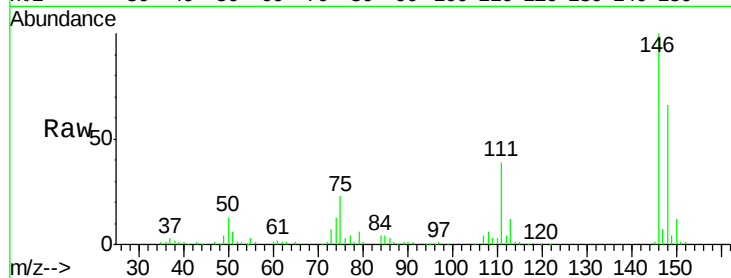




#14
 1,2-Dichlorobenzene
 Concen: 40.69 ng
 RT: 7.28 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

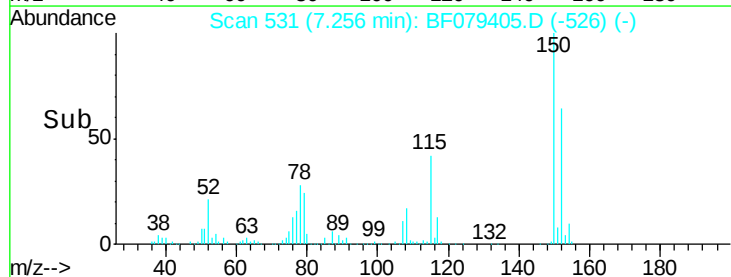
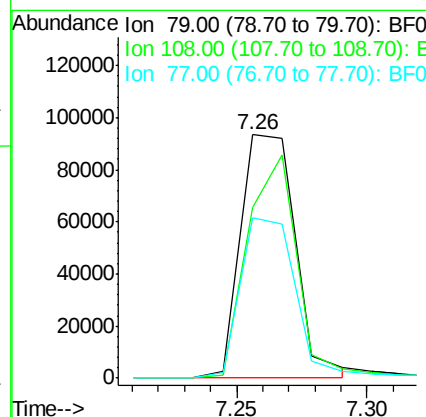
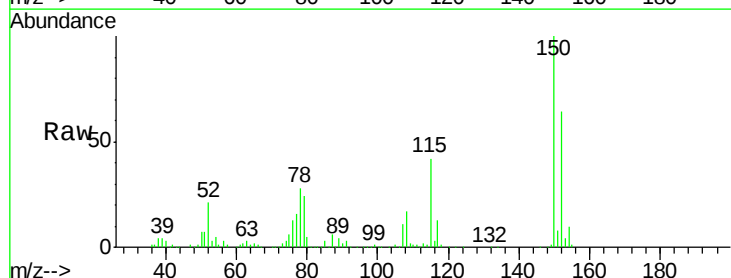
Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

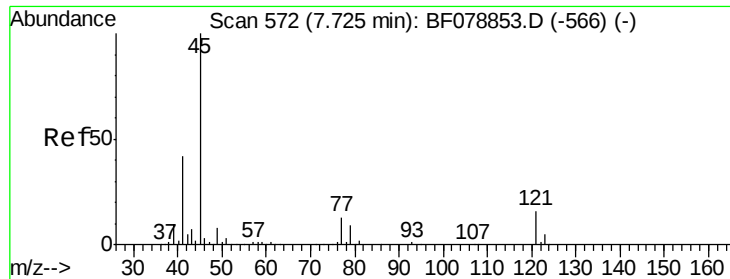
Tot Ion:146 Resp: 178399
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 39.5 34.6 52.0



#15
 Benzyl Alcohol
 Concen: 39.11 ng
 RT: 7.26 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion: 79 Resp: 137766
 Ion Ratio Lower Upper
 79 100
 108 70.1 57.4 86.2
 77 66.0 50.2 75.4

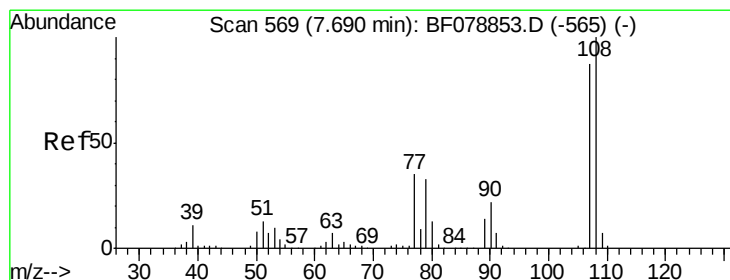
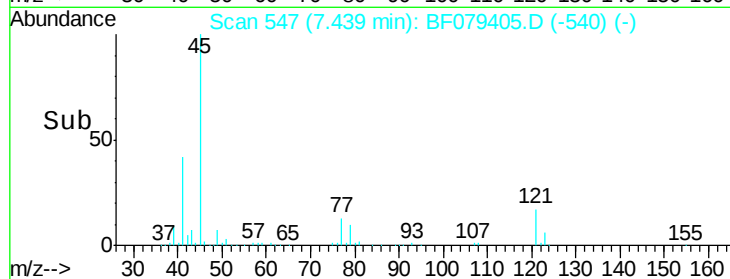
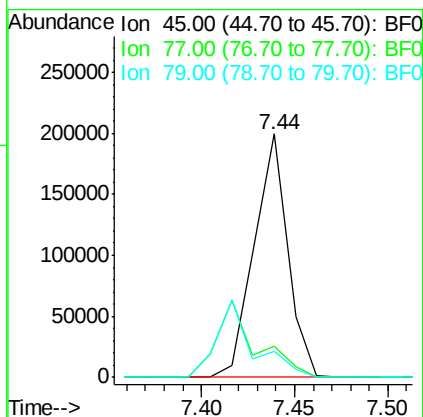
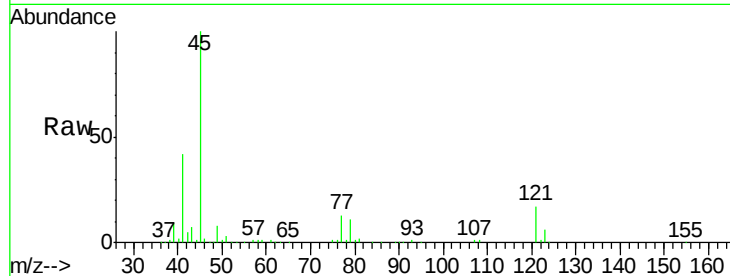




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 40.22 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

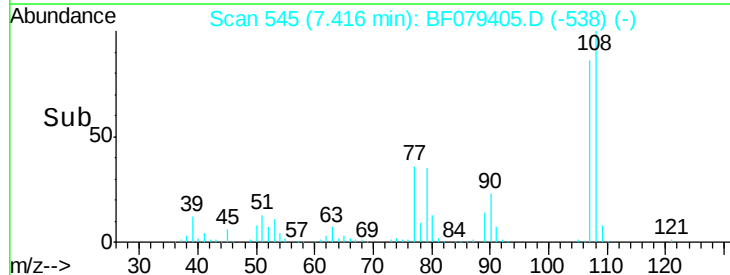
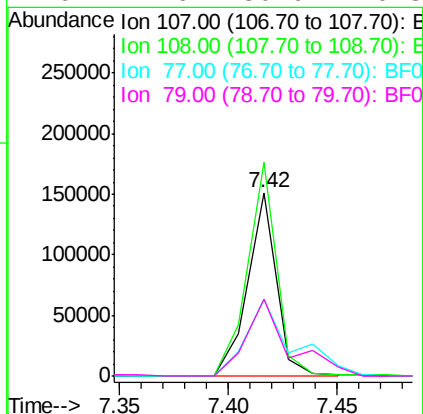
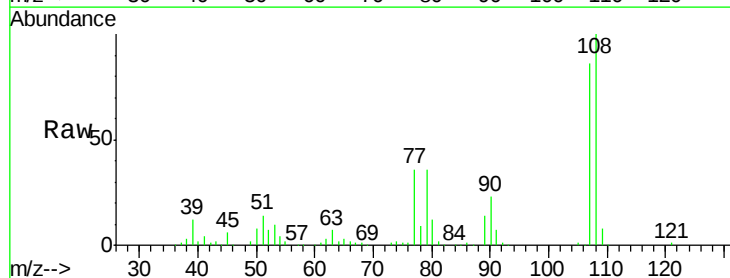
Instrument :
 BNA_F
 ClientSampled :
 PB83521BS

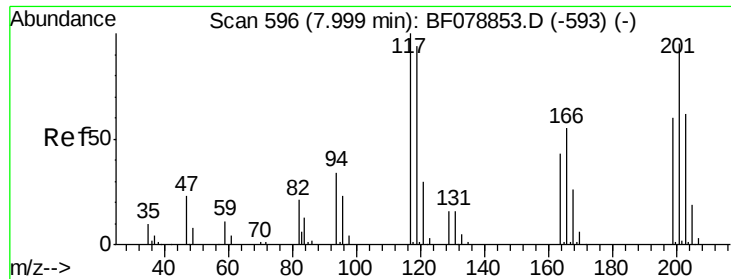
Tot Ion: 45 Resp: 248320
 Ion Ratio Lower Upper
 45 100
 77 13.0 0.0 32.6
 79 10.5 0.0 29.3



#17
 2-Methylphenol
 Concen: 42.72 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion: 107 Resp: 139977
 Ion Ratio Lower Upper
 107 100
 108 116.5 92.4 138.6
 77 42.0 32.6 49.0
 79 41.6 30.9 46.3

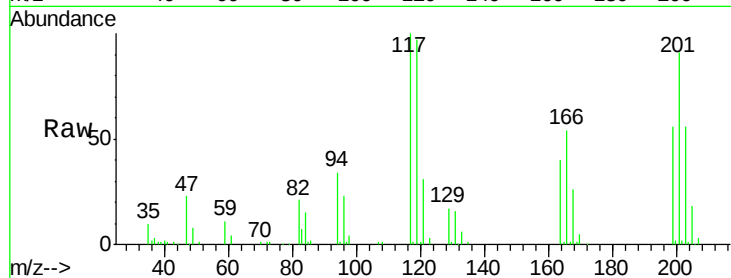




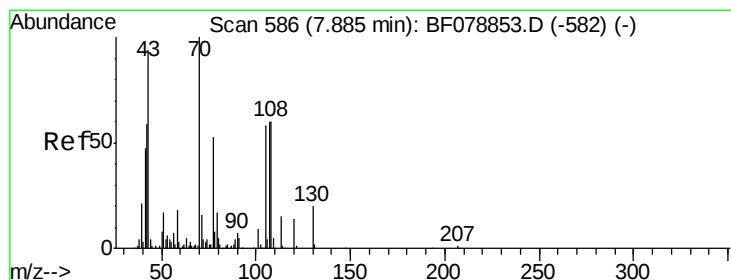
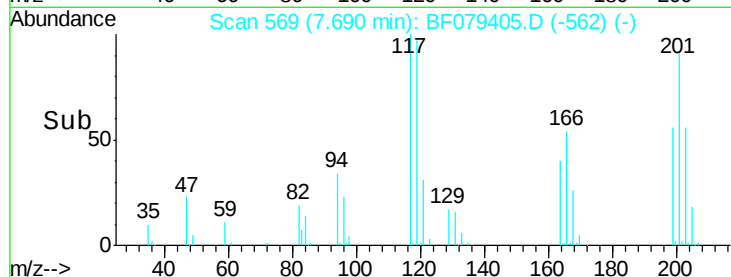
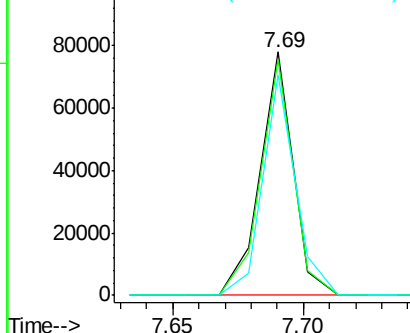
#18
Hexachloroethane
Concen: 42.62 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tot Ion:117 Resp: 69146
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8
201 90.6 75.8 113.8

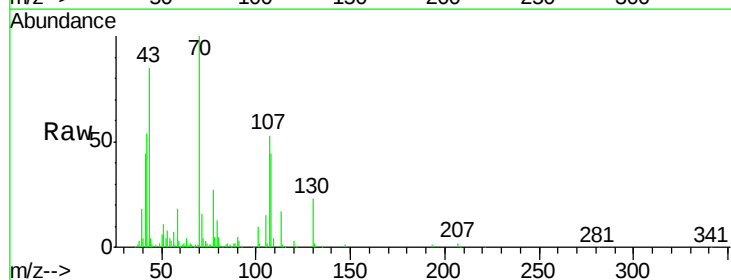


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

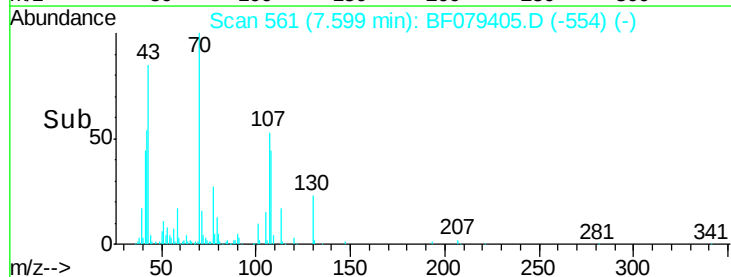
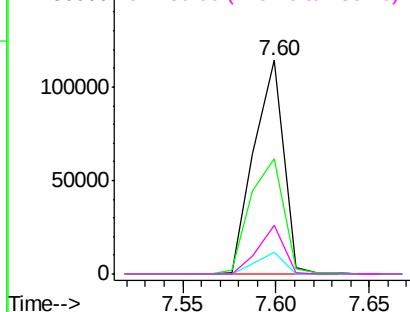


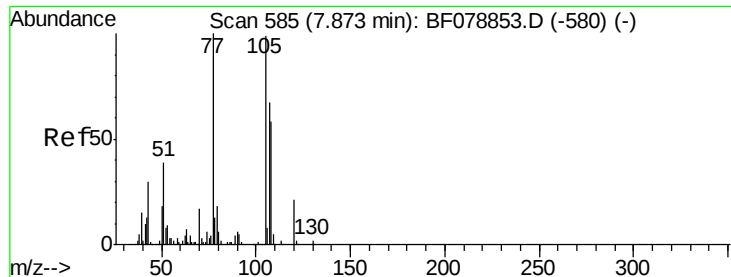
#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 70 Resp: 126050
Ion Ratio Lower Upper
70 100
42 54.0 47.3 70.9
101 10.1 7.5 11.3
130 23.0 15.8 23.6



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.49 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

Tot Ion:107 Resp: 185513

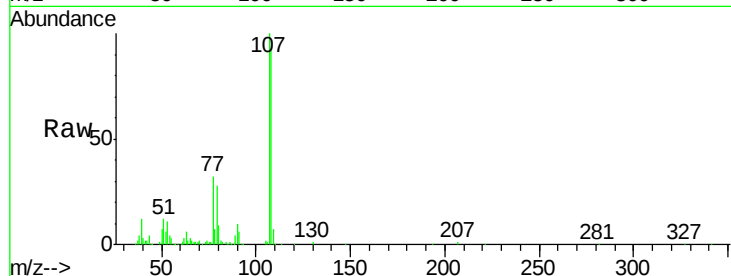
Ion Ratio Lower Upper

107 100

108 92.8 66.5 106.5

77 32.4 130.6 170.6#

79 28.0 6.4 46.4

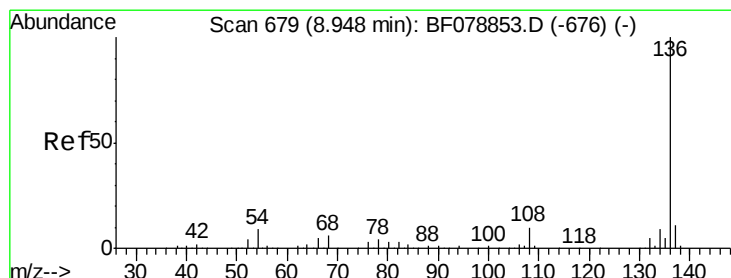
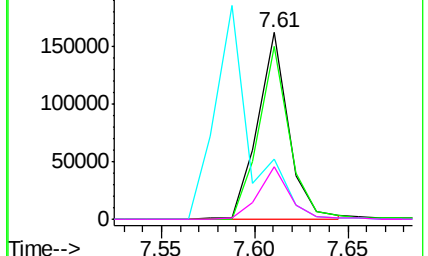
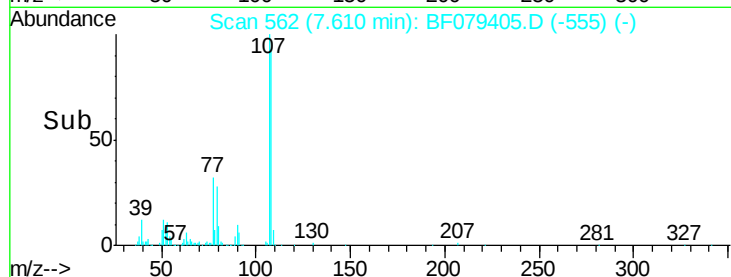


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Tgt Ion:136 Resp: 252591

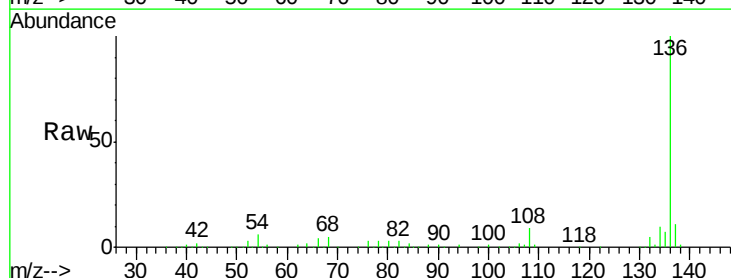
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.2 6.9 10.3#

68 5.1 4.9 7.3

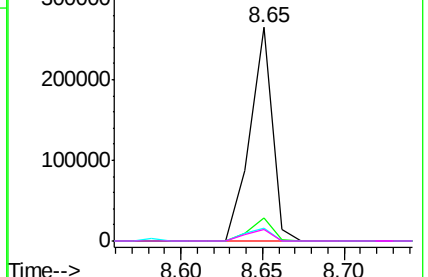
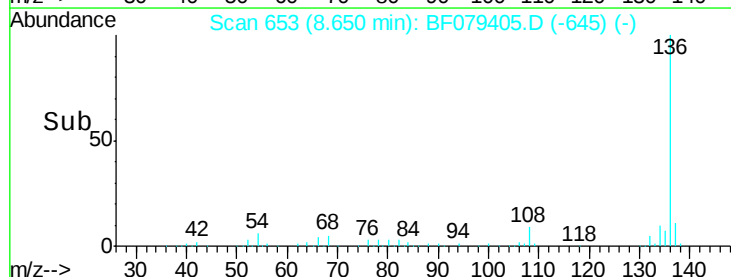


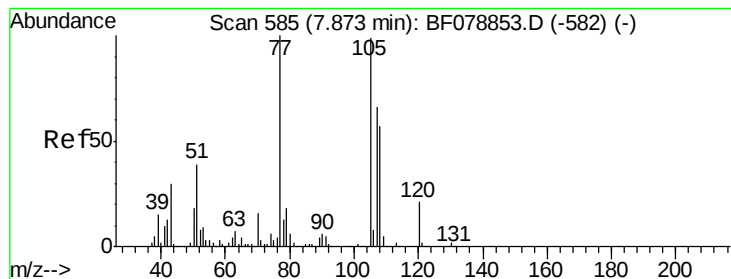
Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.81 ng

RT: 7.59 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

Tot Ion:105 Resp: 249983

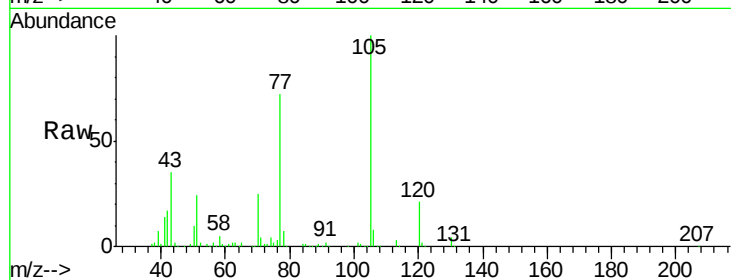
Ion Ratio Lower Upper

105 100

71 4.3 2.2 3.4#

51 24.1 31.1 46.7#

120 21.0 16.7 25.1



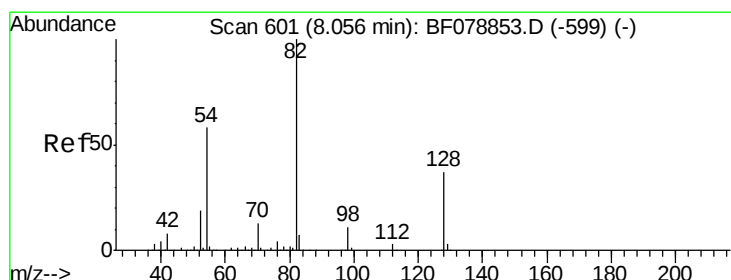
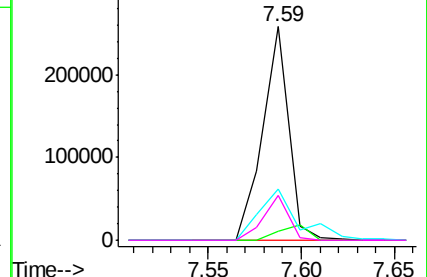
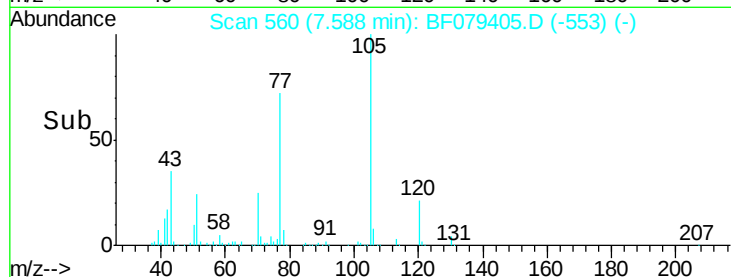
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 82.56 ng

RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

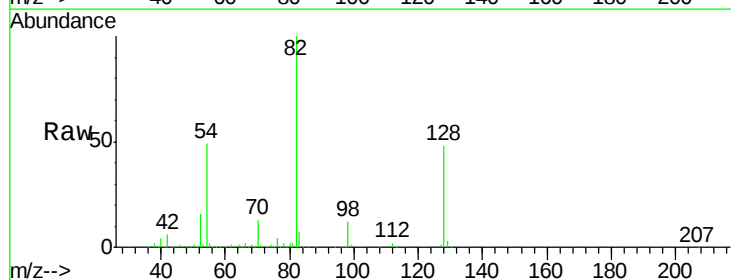
Tgt Ion: 82 Resp: 362831

Ion Ratio Lower Upper

82 100

128 48.5 29.7 44.5#

54 48.9 46.2 69.4

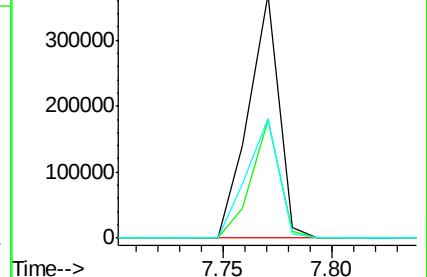
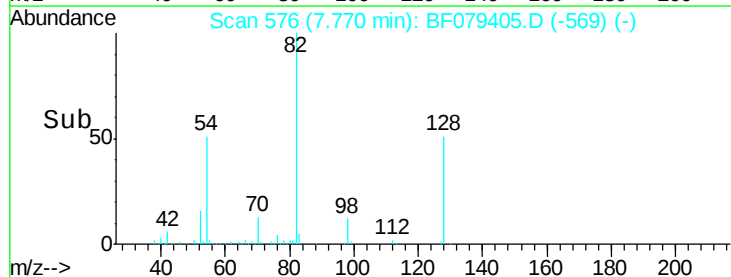


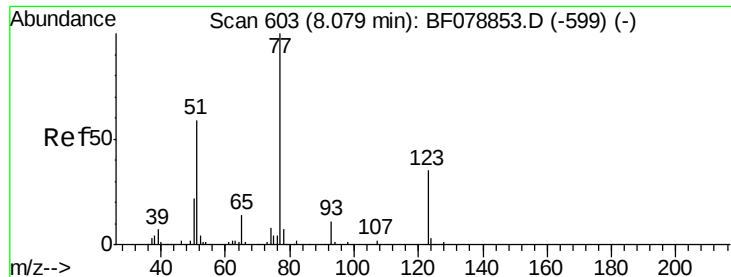
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 42.14 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

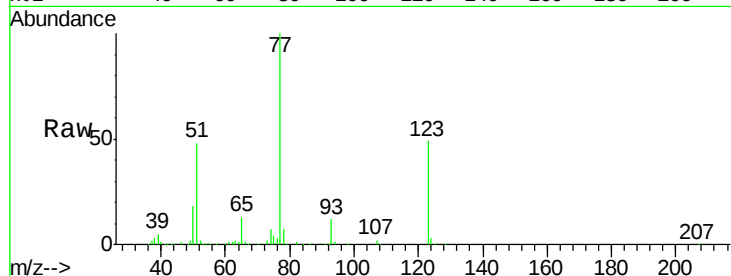
Tot Ion: 77 Resp: 183578

Ion Ratio Lower Upper

77 100

123 49.5 28.3 42.5#

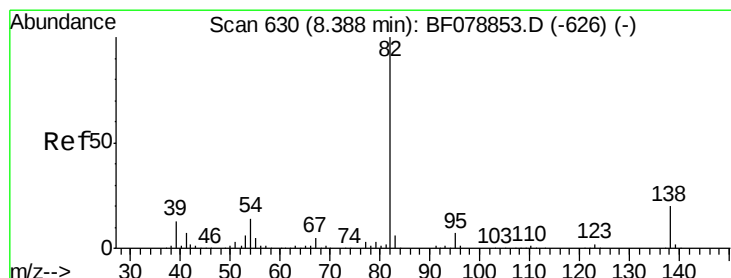
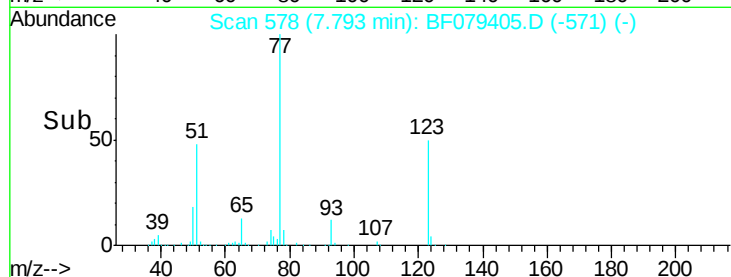
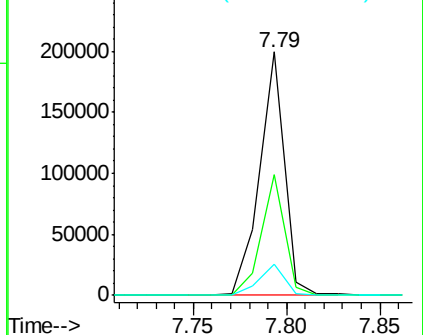
65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.52 ng

RT: 8.09 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

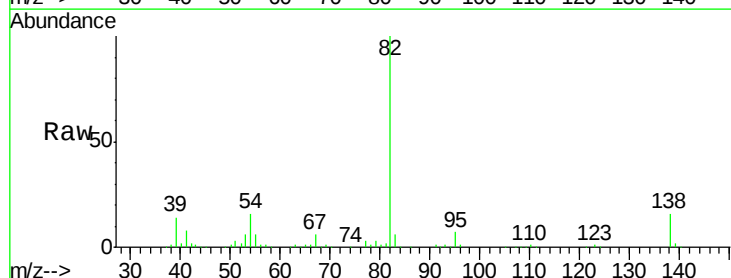
Tgt Ion: 82 Resp: 338304

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

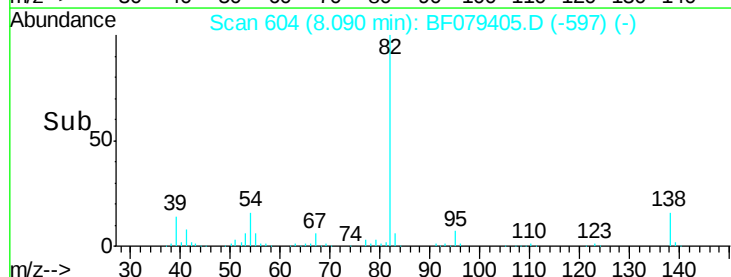
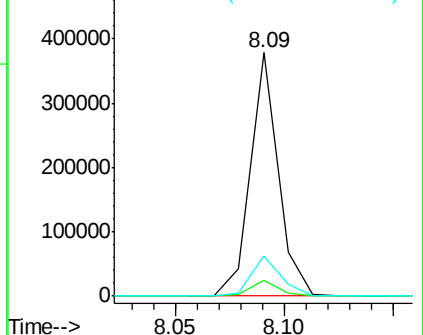
138 16.4 16.1 24.1

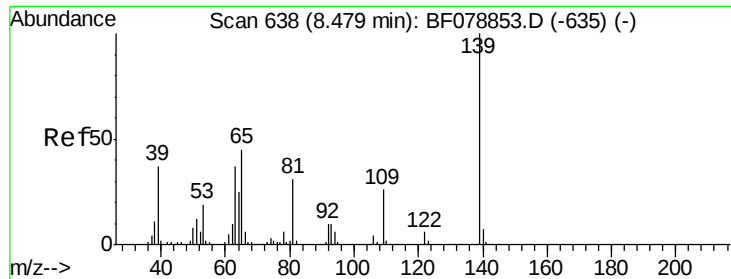


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

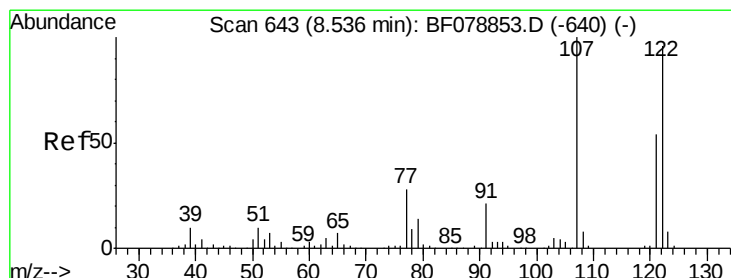
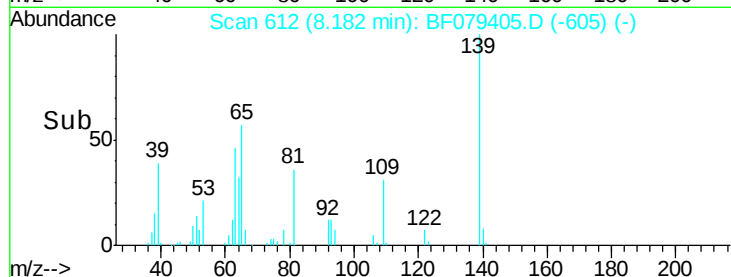
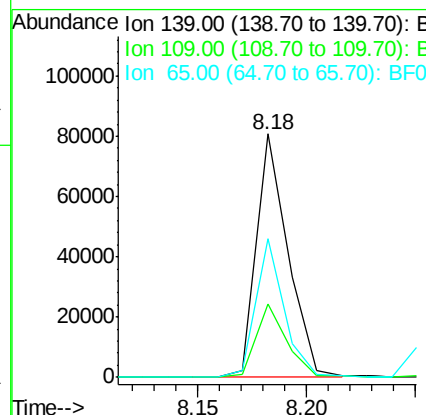
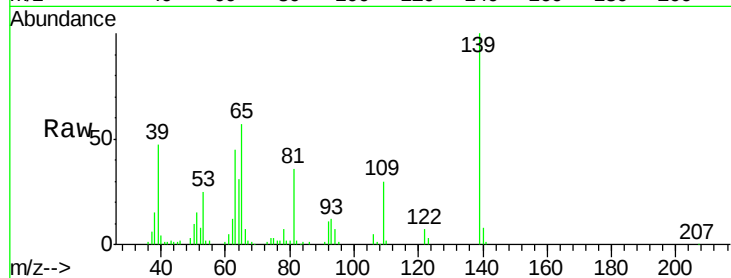




#26
2-Nitrophenol
Concen: 45.40 ng
RT: 8.18 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

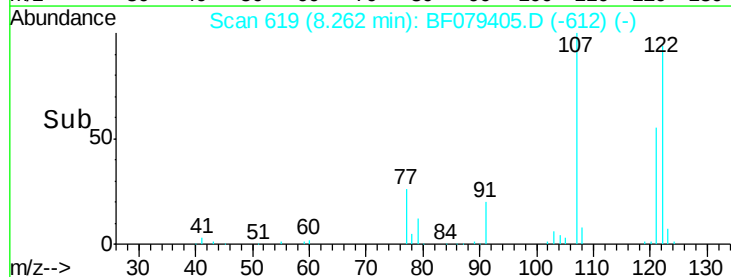
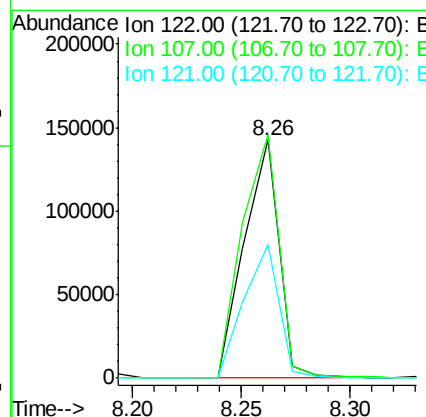
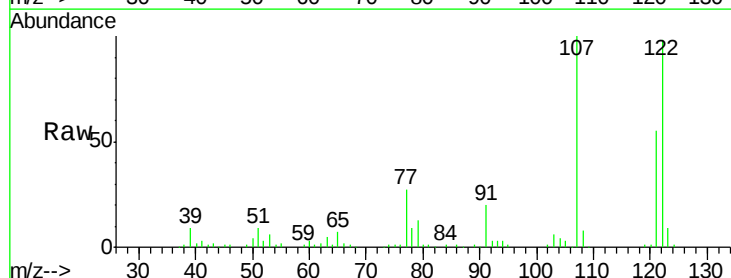
Instrument :
BNA_F
ClientSampled :
PB83521BS

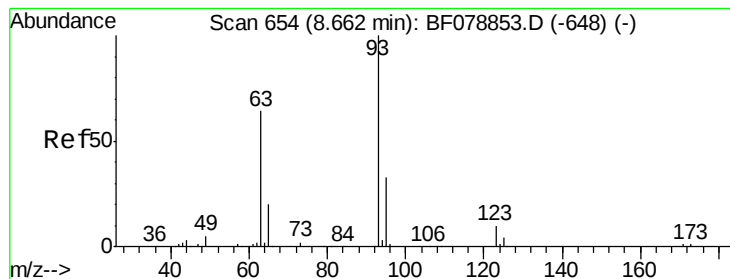
Tot Ion:139 Resp: 81856
Ion Ratio Lower Upper
139 100
109 30.0 20.9 31.3
65 56.9 35.8 53.8#



#27
2,4-Dimethylphenol
Concen: 43.73 ng
RT: 8.26 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:122 Resp: 157773
Ion Ratio Lower Upper
122 100
107 102.3 83.6 125.4
121 56.1 44.9 67.3





#28

bis(2-Chloroethoxy)methane

Concen: 43.76 ng

RT: 8.38 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

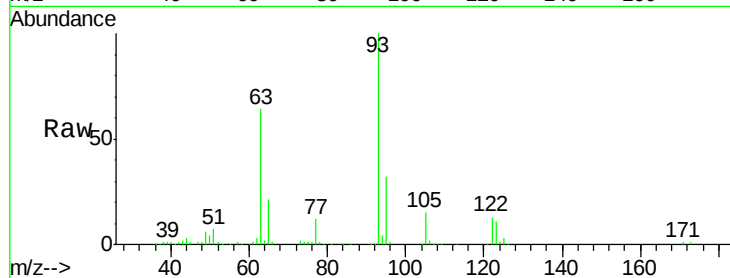
Tot Ion: 93 Resp: 219819

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

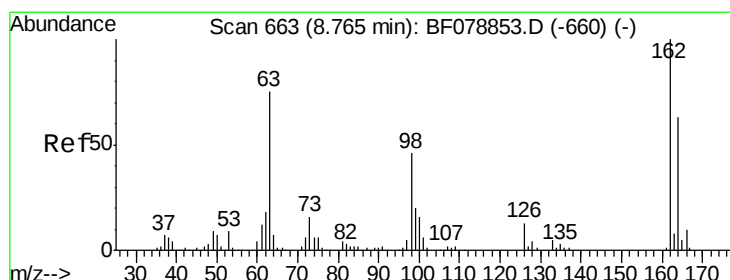
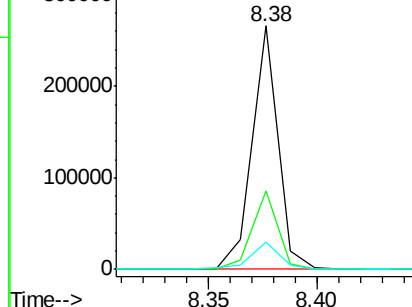
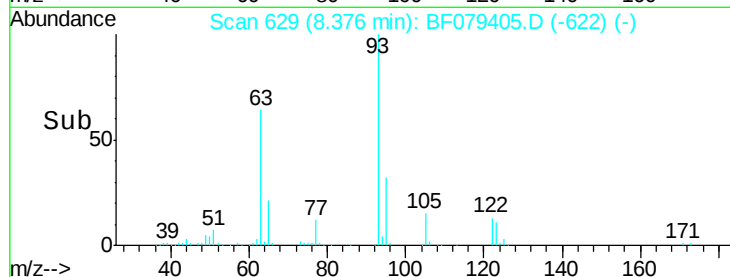
123 11.2 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF079405.D (-622) (-)

Ion 95.00 (94.70 to 95.70): BF079405.D (-622) (-)

Ion 123.00 (122.70 to 123.70): BF079405.D (-622) (-)



#29

2,4-Dichlorophenol

Concen: 45.92 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

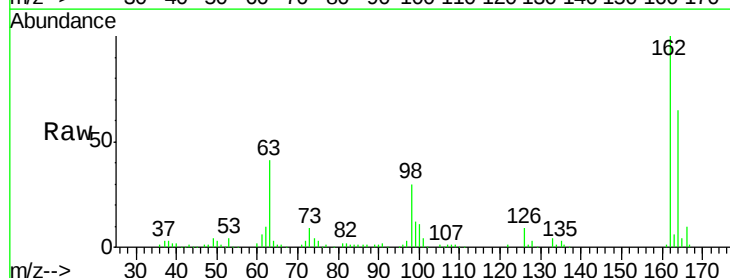
Tgt Ion:162 Resp: 147340

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

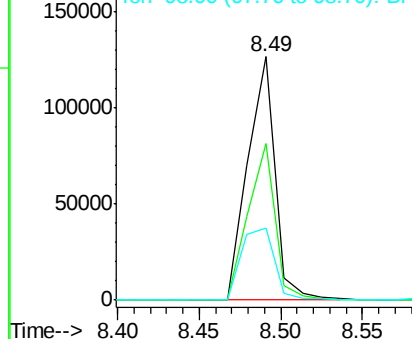
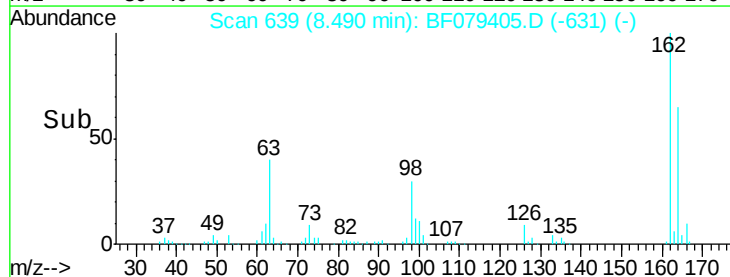
98 29.8 26.3 66.3

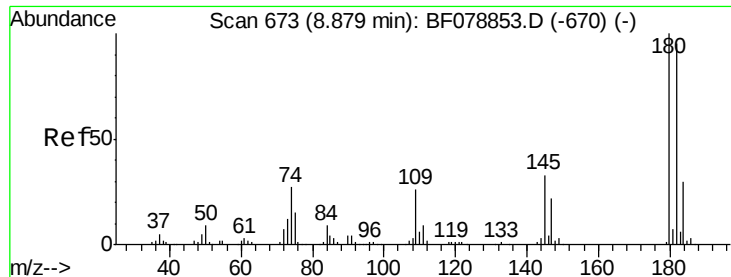


Abundance Ion 162.00 (161.70 to 162.70): BF079405.D (-631) (-)

Ion 164.00 (163.70 to 164.70): BF079405.D (-631) (-)

Ion 98.00 (97.70 to 98.70): BF079405.D (-631) (-)

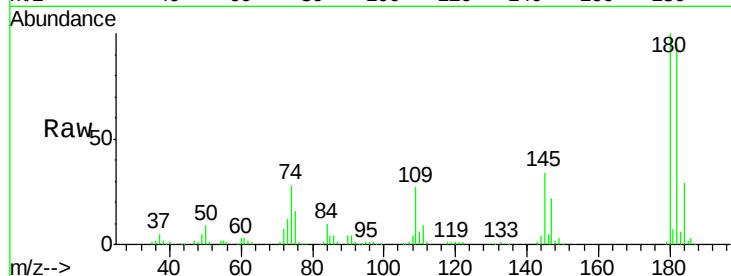




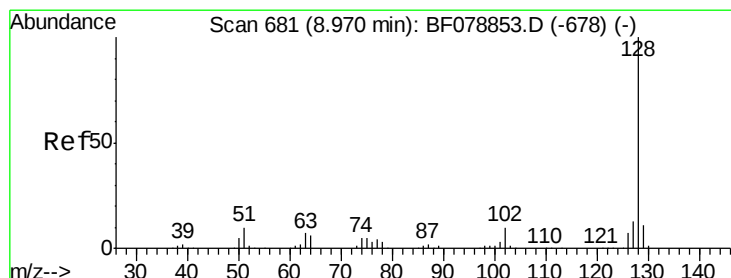
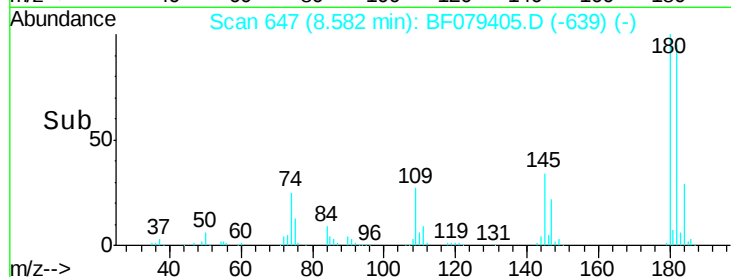
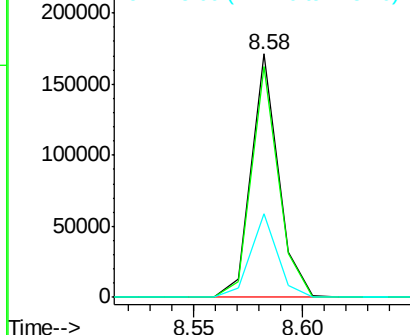
#30
1,2,4-Trichlorobenzene
Concen: 42.10 ng
RT: 8.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tot Ion:180 Resp: 148392
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 34.4 26.2 39.4

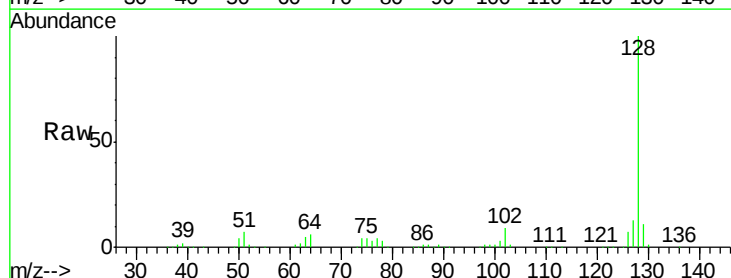


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

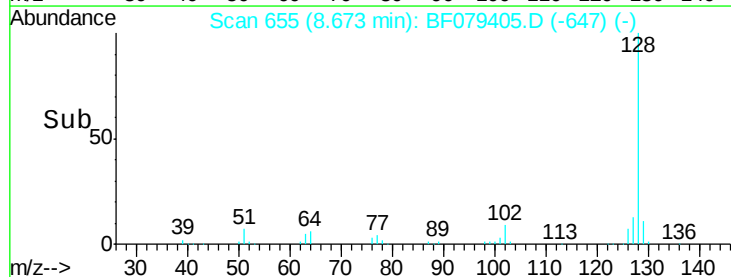
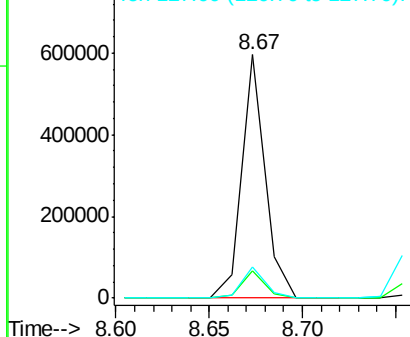


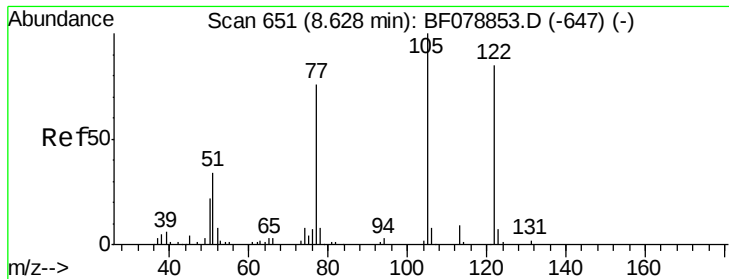
#31
Naphthalene
Concen: 43.30 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:128 Resp: 521133
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.1 10.3 15.5



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

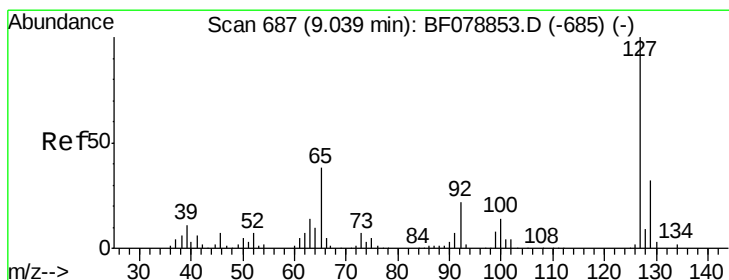
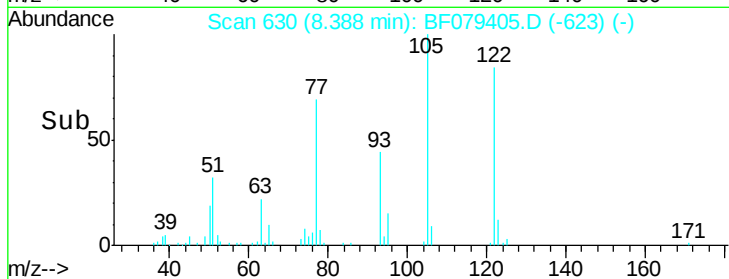
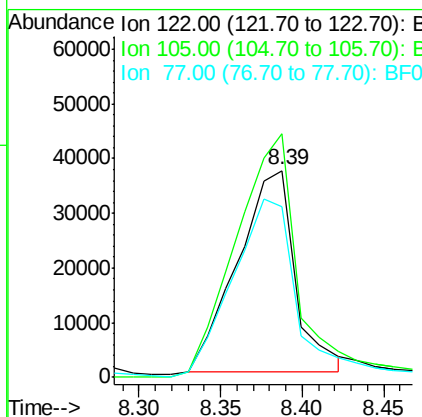
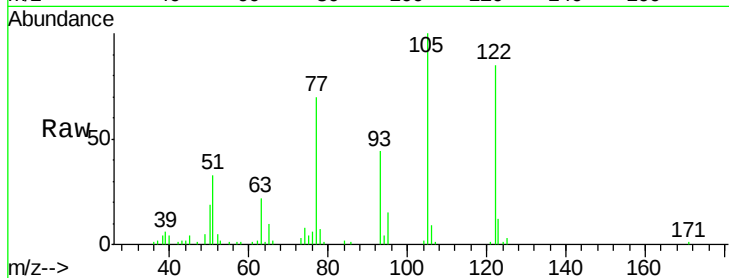




#32
Benzoic acid
Concen: 41.24 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

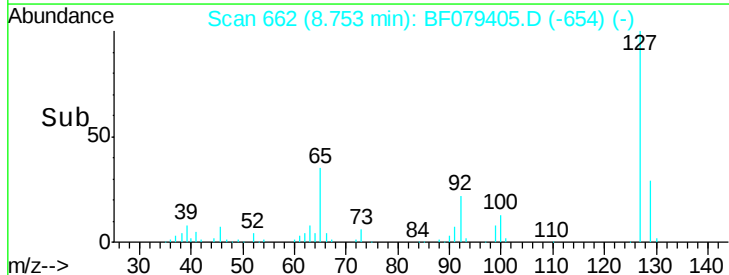
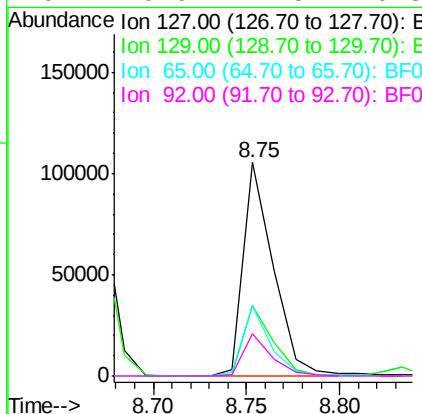
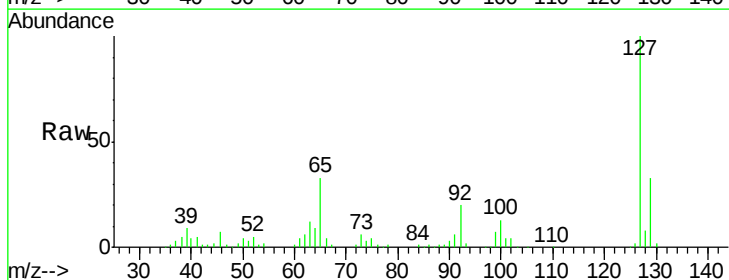
Instrument :
BNA_F
ClientSampleId :
PB83521BS

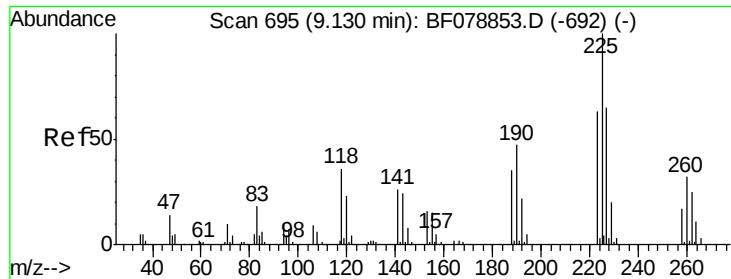
Tot Ion:122 Resp: 90893
Ion Ratio Lower Upper
122 100
105 117.8 100.7 140.7
77 82.7 72.0 112.0



#33
4-Chloroaniline
Concen: 23.32 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:127 Resp: 118760
Ion Ratio Lower Upper
127 100
129 33.2 25.6 38.4
65 32.7 30.2 45.4
92 19.9 17.5 26.3

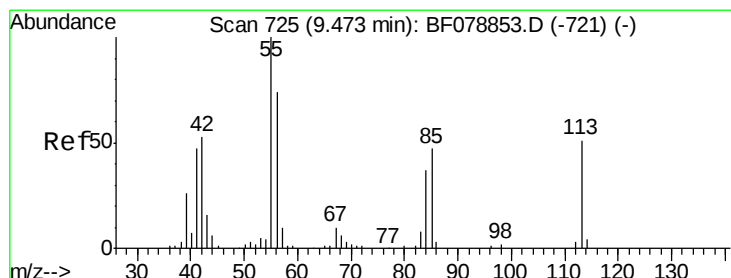
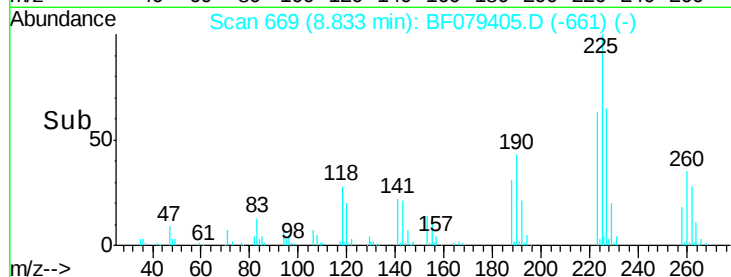
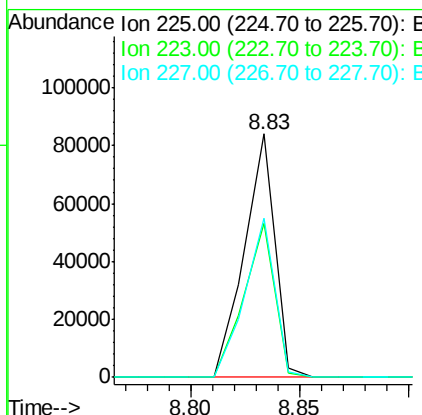
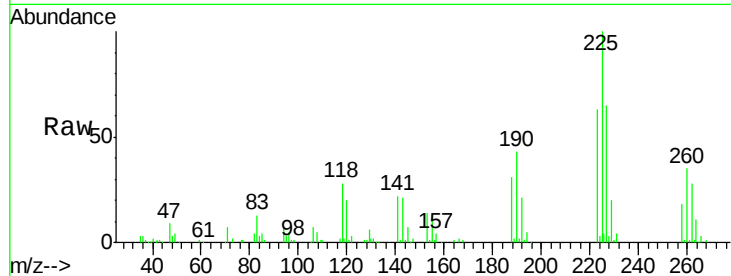




#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

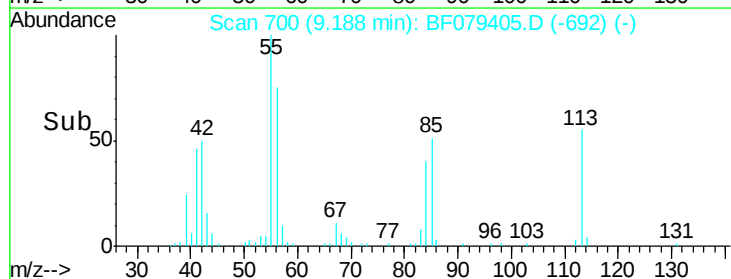
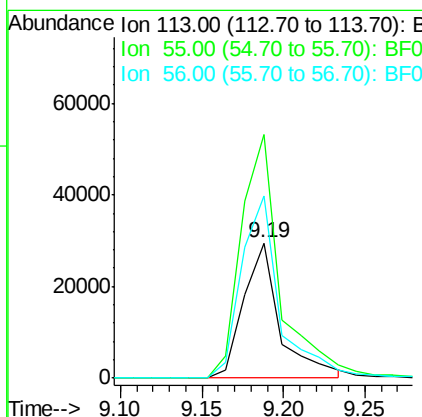
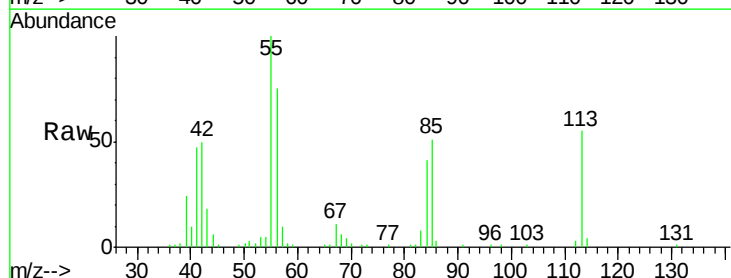
Instrument :
BNA_F
ClientSampleId :
PB83521BS

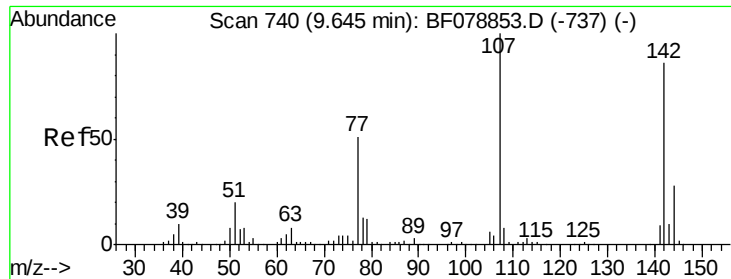
Tot Ion:225 Resp: 81871
Ion Ratio Lower Upper
225 100
223 63.0 50.6 75.8
227 65.4 52.1 78.1



#35
Caprolactam
Concen: 44.17 ng
RT: 9.19 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:113 Resp: 45827
Ion Ratio Lower Upper
113 100
55 180.6 176.0 216.0
56 134.8 123.8 163.8

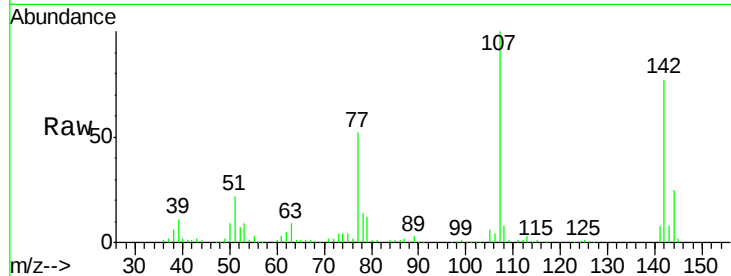




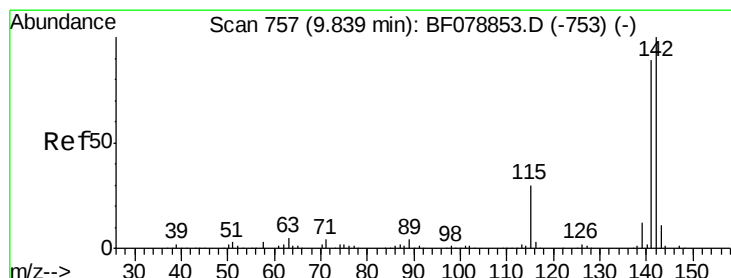
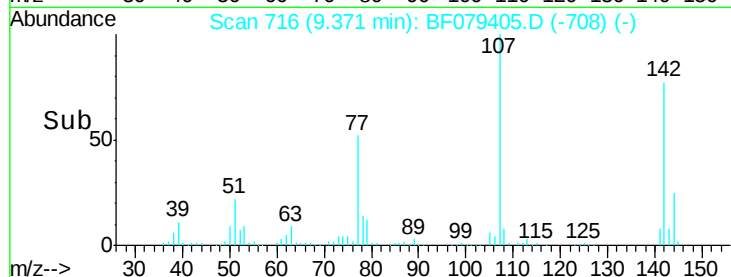
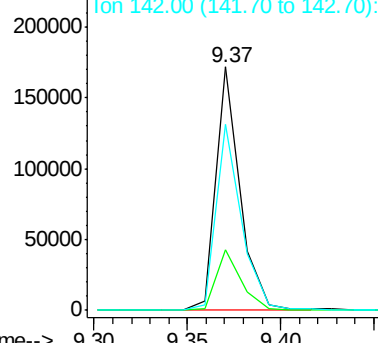
#36
 4-Chloro-3-methylphenol
 Concen: 46.21 ng
 RT: 9.37 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:107 Resp: 155728
 Ion Ratio Lower Upper
 107 100
 144 25.0 22.5 33.7
 142 76.7 68.6 103.0

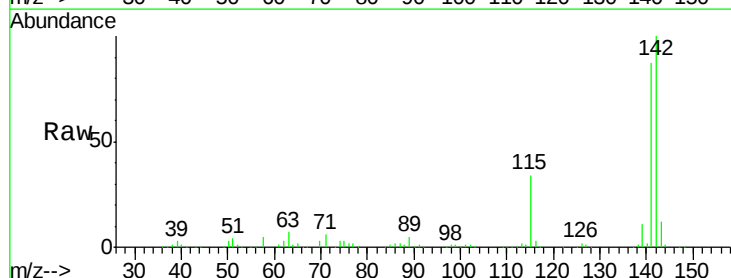


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

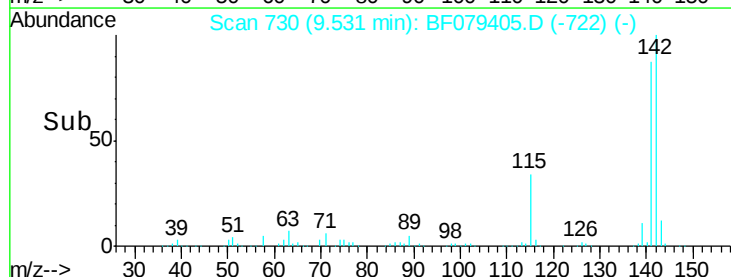
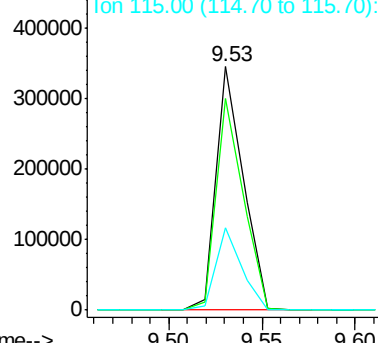


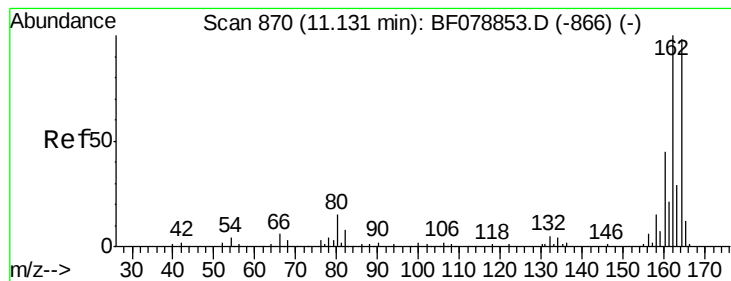
#37
 2-Methylnaphthalene
 Concen: 42.68 ng
 RT: 9.53 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:142 Resp: 355932
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.6 107.4
 115 33.8 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

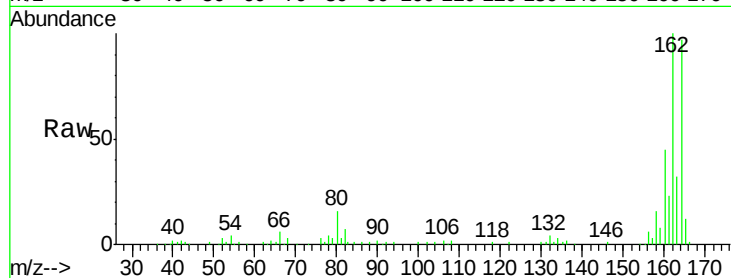
Tot Ion:164 Resp: 120398

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

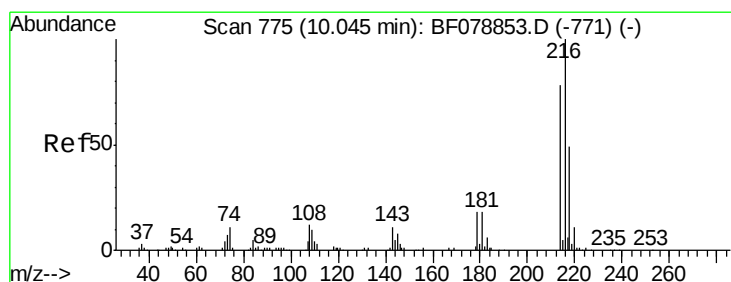
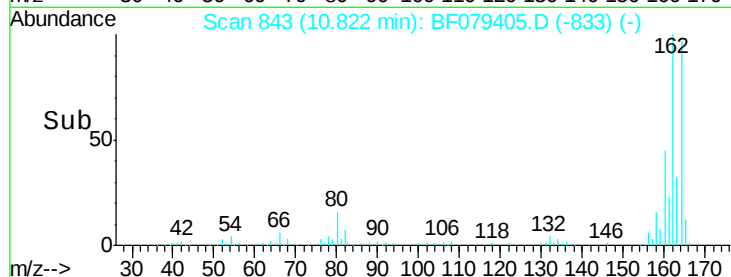
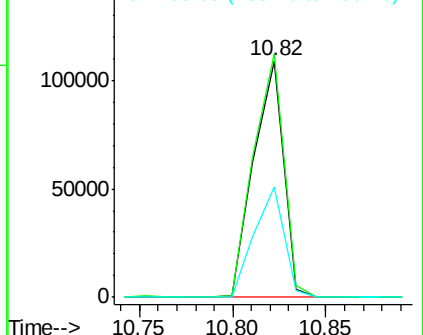
160 46.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.53 ng

RT: 9.74 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Tgt Ion:216 Resp: 140830

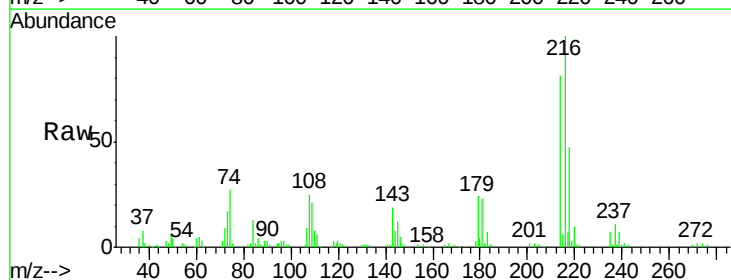
Ion Ratio Lower Upper

216 100

214 78.5 64.0 96.0

179 21.9 17.0 25.4

108 23.4 17.0 25.6

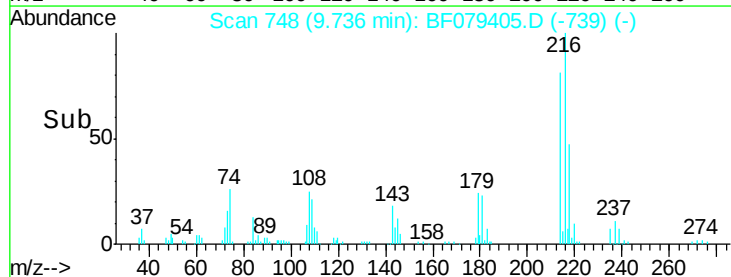
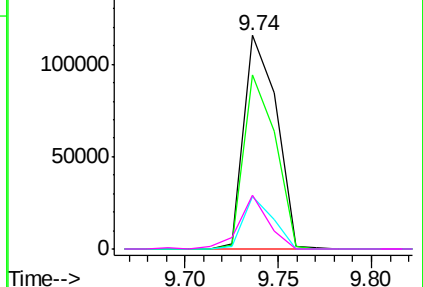


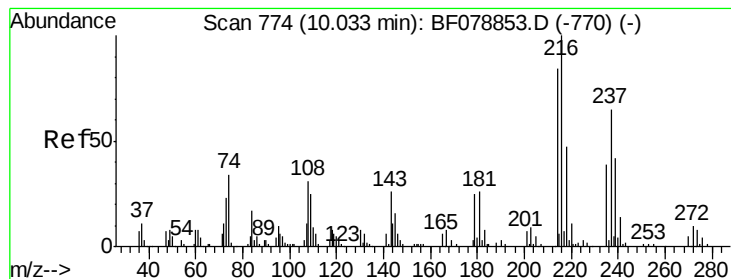
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.29 ng

RT: 9.72 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

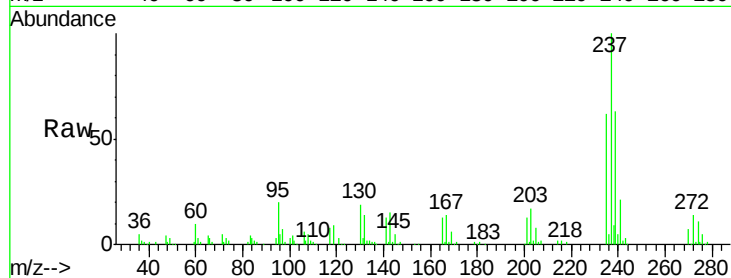
Tot Ion:237 Resp: 113033

Ion Ratio Lower Upper

237 100

235 62.1 40.0 80.0

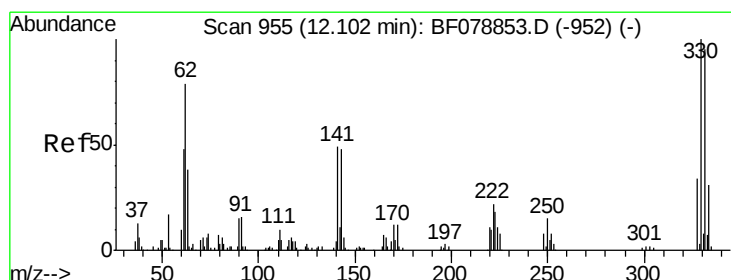
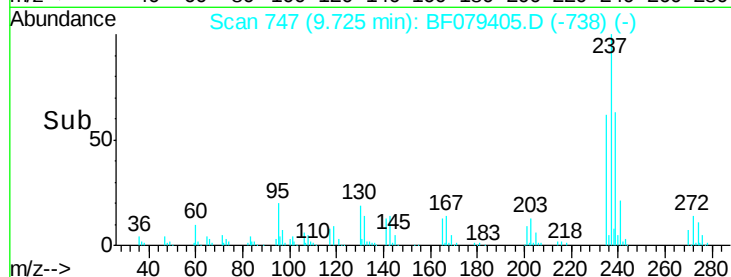
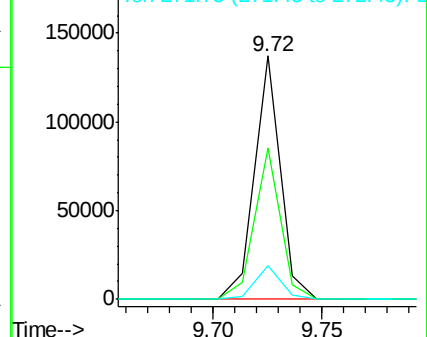
272 14.0 0.0 36.0



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: 143.68 ng

RT: 11.81 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

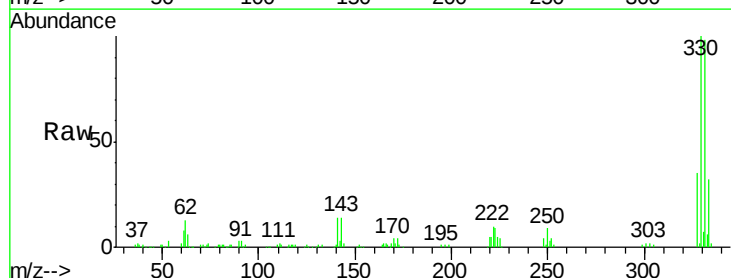
Tgt Ion:330 Resp: 187141

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

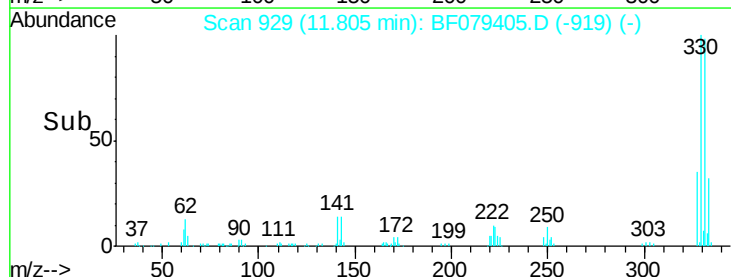
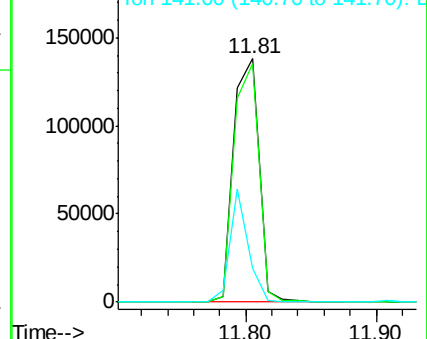
141 33.6 27.8 41.8

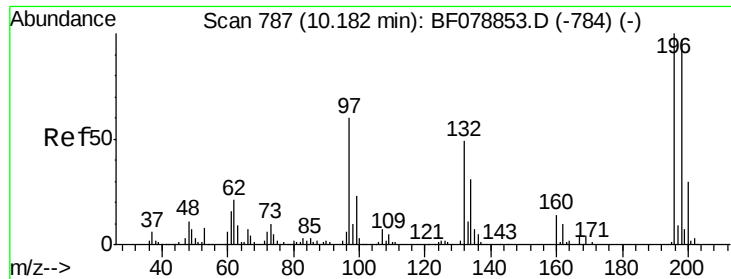


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

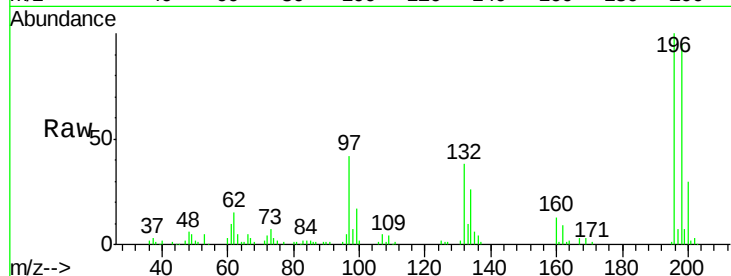




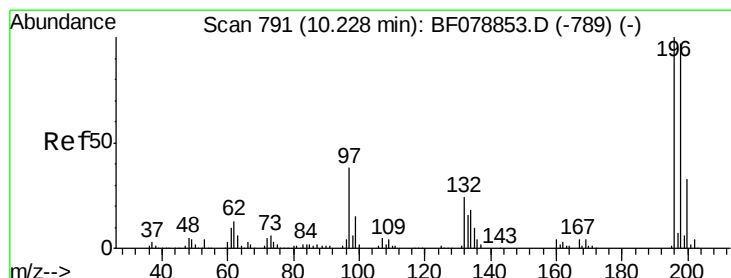
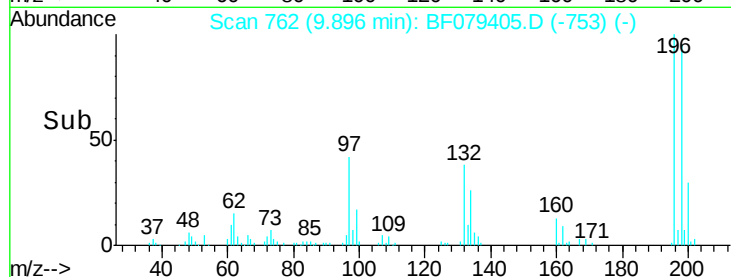
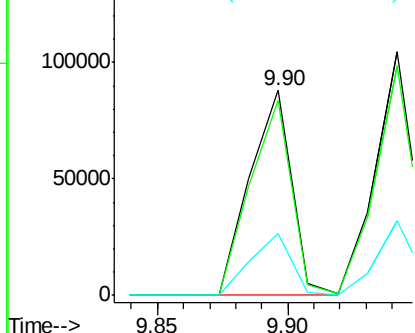
#42
 2,4,6-Trichlorophenol
 Concen: 42.38 ng
 RT: 9.90 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:196 Resp: 98789
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.4 116.2
 200 30.5 23.7 35.5



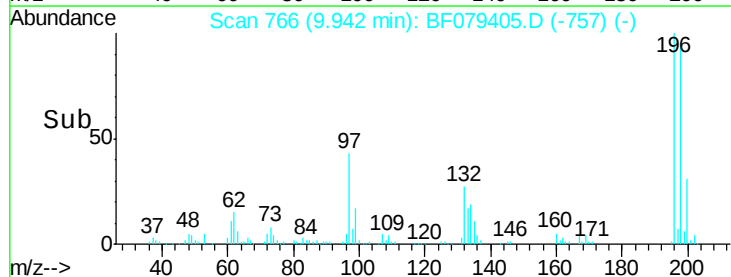
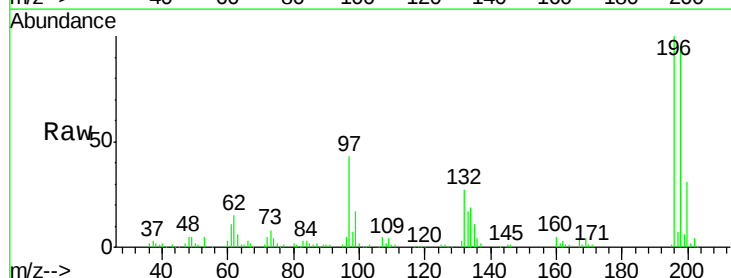
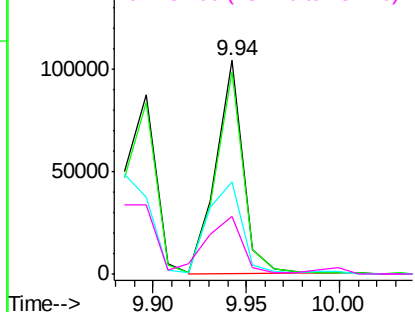
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

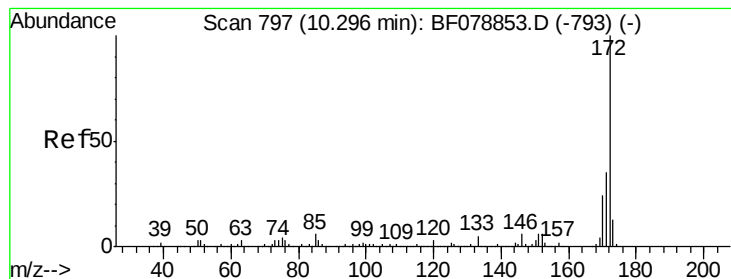


#43
 2,4,5-Trichlorophenol
 Concen: 45.13 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:196 Resp: 106373
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.3 115.9
 97 43.3 31.3 46.9
 132 27.2 19.7 29.5

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: 85.54 ng

RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

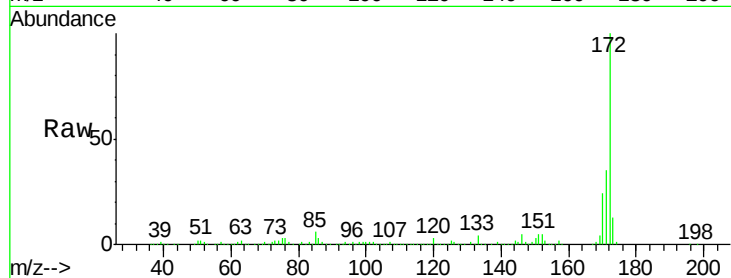
Tot Ion:172 Resp: 739208

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

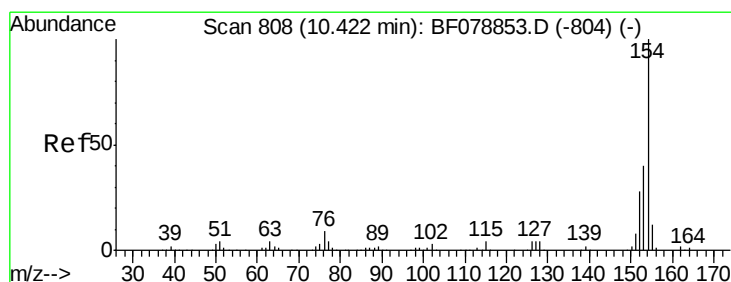
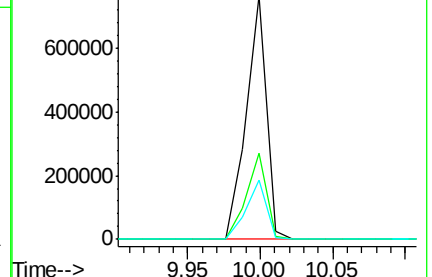
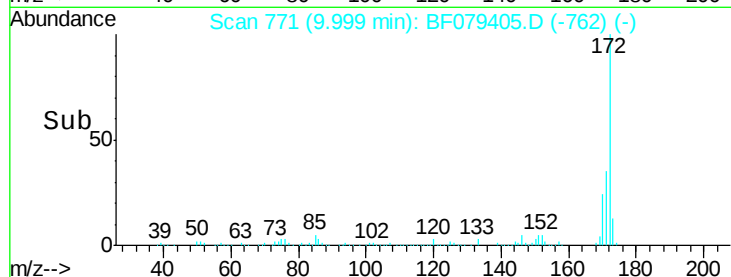
170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 43.65 ng

RT: 10.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

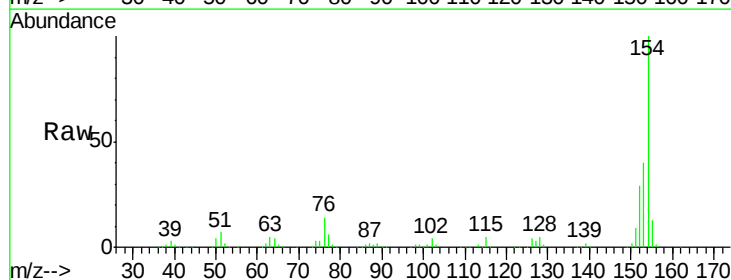
Tgt Ion:154 Resp: 417832

Ion Ratio Lower Upper

154 100

153 40.0 19.7 59.7

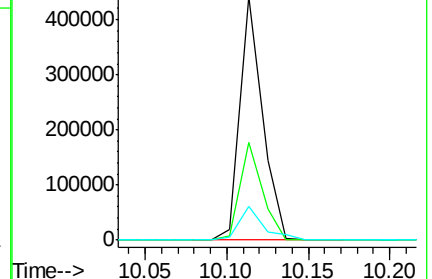
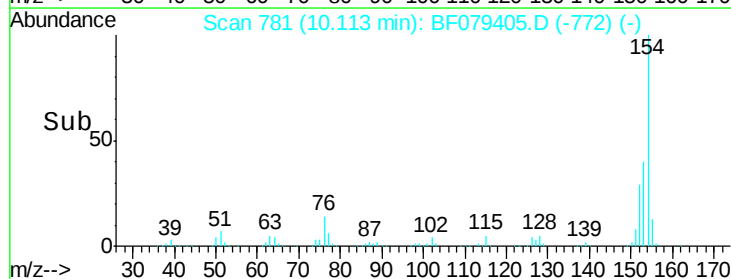
76 14.0 0.0 29.1

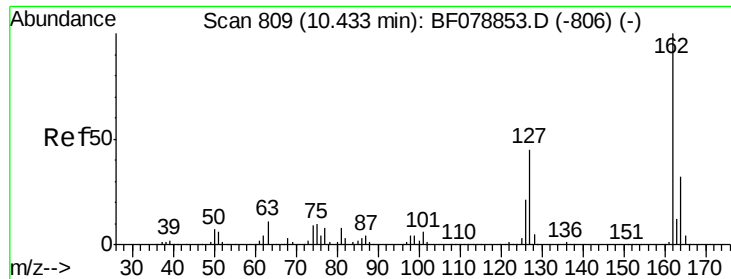


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

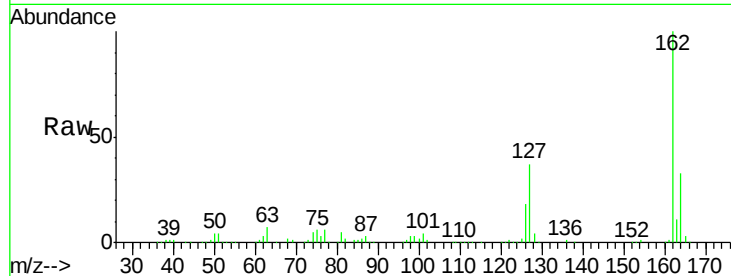




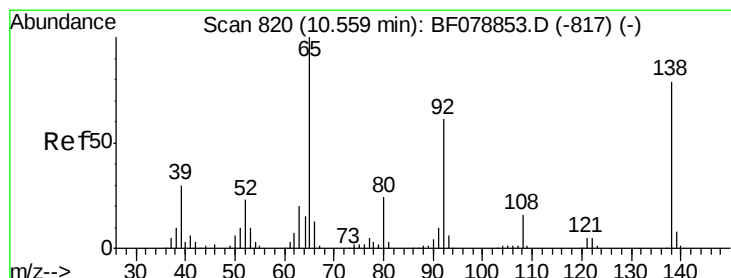
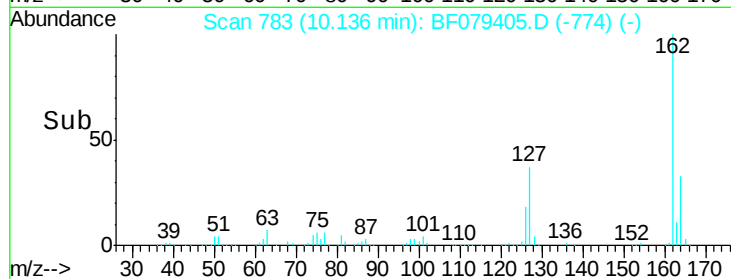
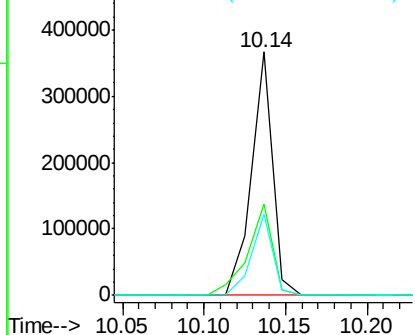
#46
2-Chloronaphthalene
Concen: 44.17 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tot Ion:162 Resp: 329787
Ion Ratio Lower Upper
162 100
127 37.3 36.3 54.5
164 33.5 25.9 38.9

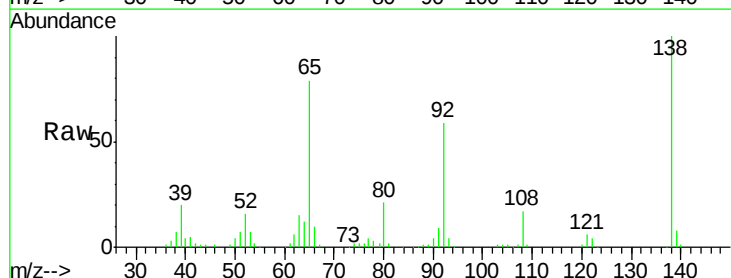


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

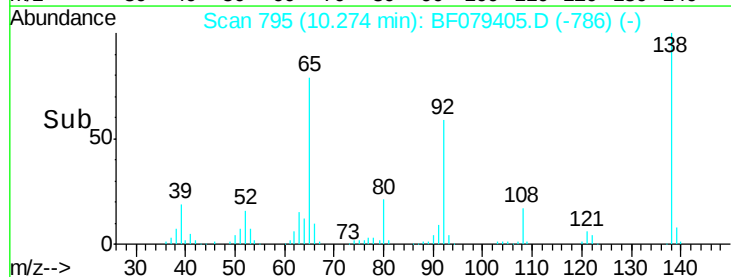
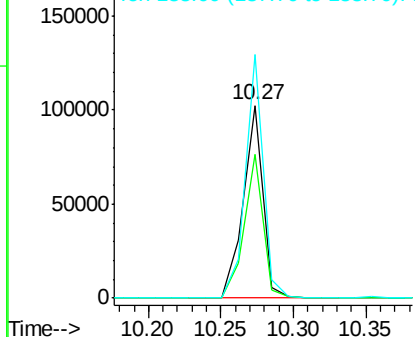


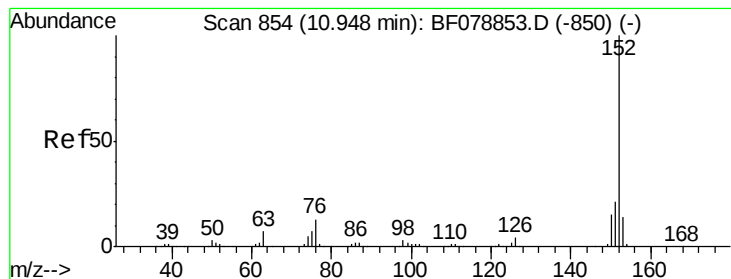
#47
2-Nitroaniline
Concen: 44.98 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion: 65 Resp: 97307
Ion Ratio Lower Upper
65 100
92 74.8 49.1 73.7#
138 126.3 63.2 94.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 43.06 ng

RT: 10.64 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

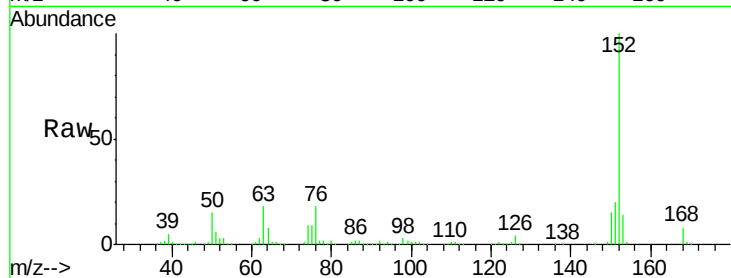
Tot Ion:152 Resp: 527886

Ion Ratio Lower Upper

152 100

151 20.1 16.6 24.8

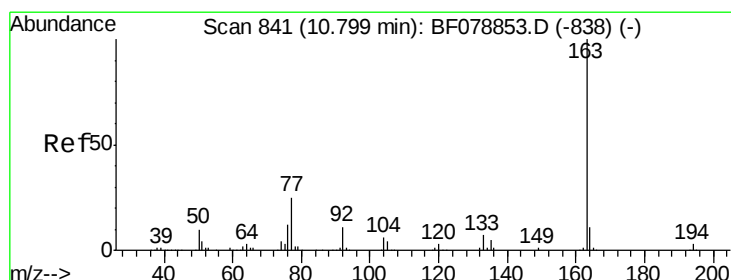
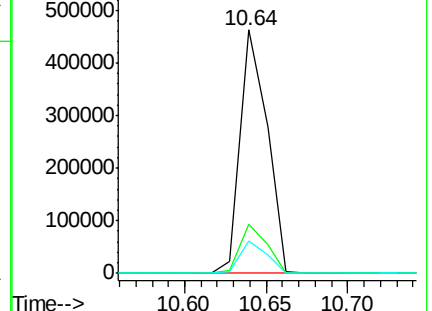
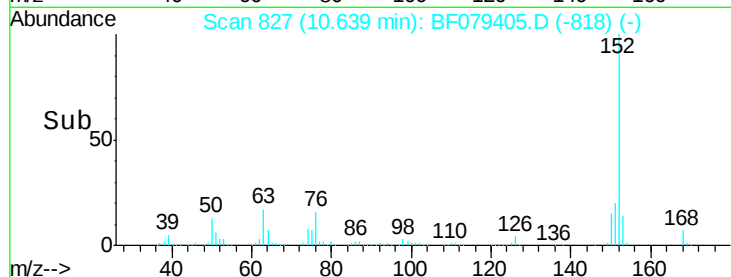
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.64 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

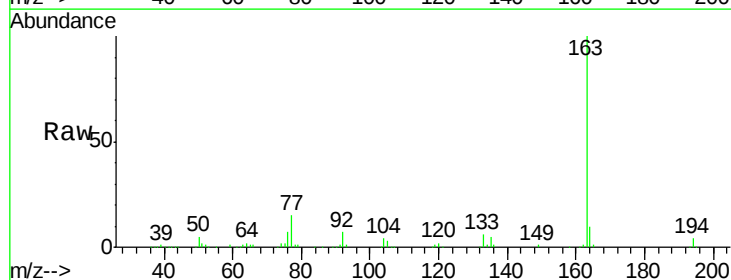
Tgt Ion:163 Resp: 394428

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

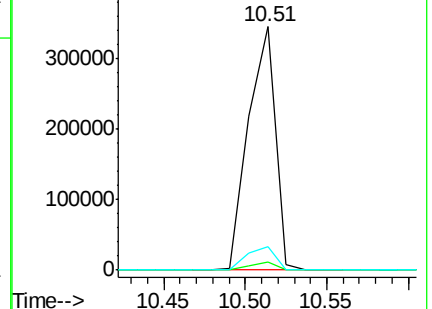
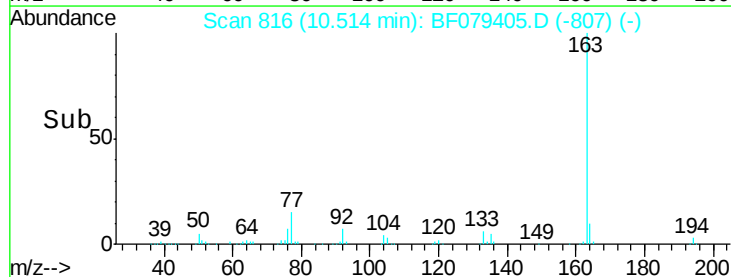
164 9.5 8.6 12.8

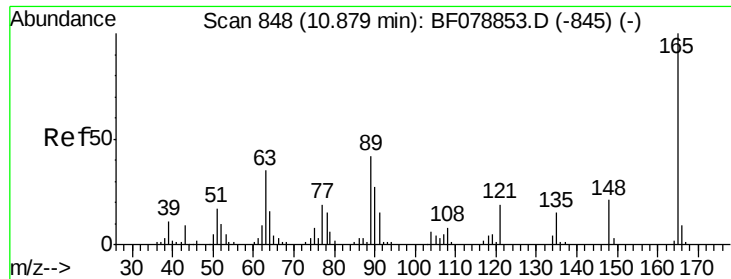


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

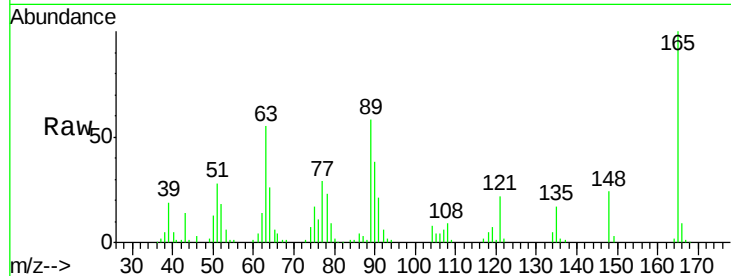




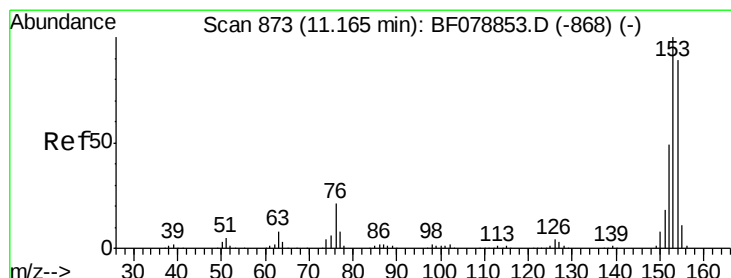
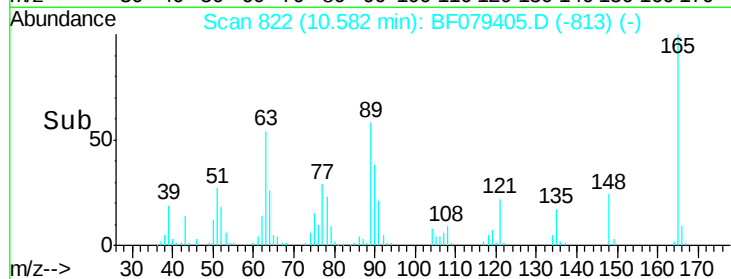
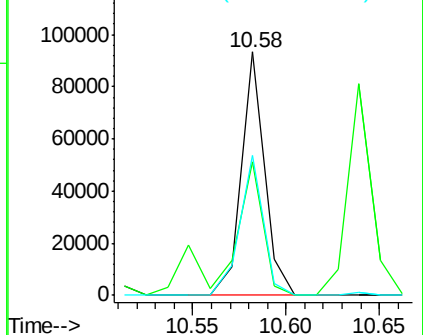
#50
 2,6-Dinitrotoluene
 Concen: 46.63 ng
 RT: 10.58 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:165 Resp: 81311
 Ion Ratio Lower Upper
 165 100
 63 54.8 29.2 43.8#
 89 57.6 33.3 49.9#

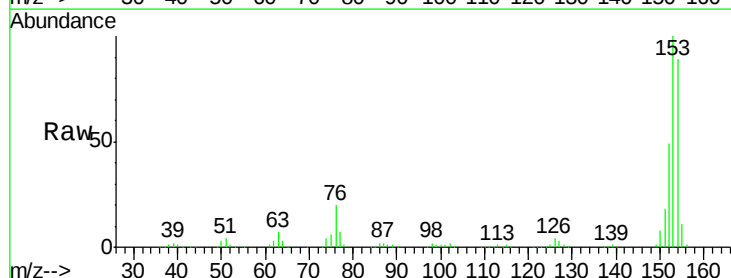


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

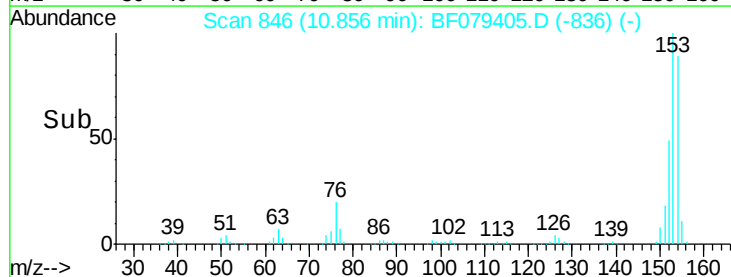
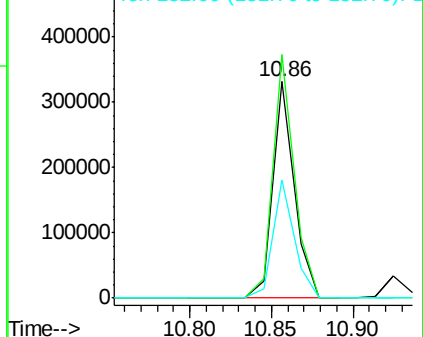


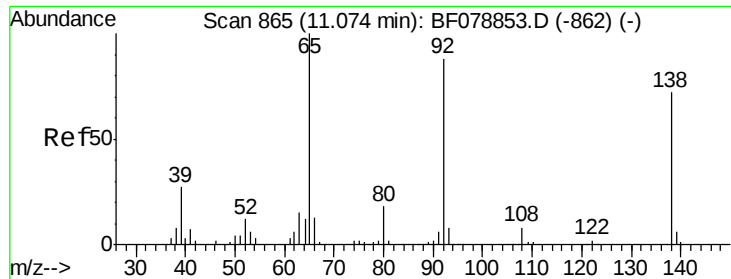
#51
 Acenaphthene
 Concen: 41.47 ng
 RT: 10.86 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:154 Resp: 303121
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.2 135.2
 152 54.8 43.8 65.8



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: 30.97 ng

RT: 10.78 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

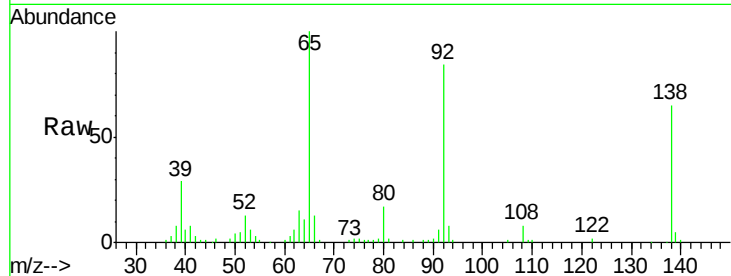
Tot Ion:138 Resp: 67465

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

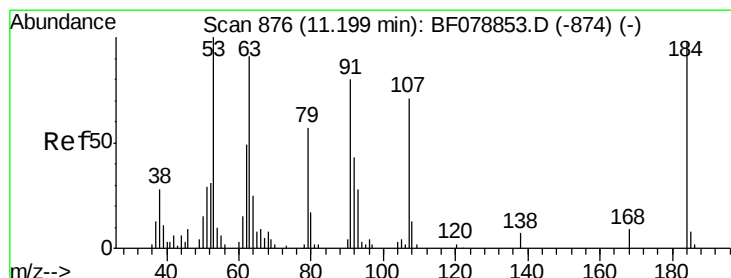
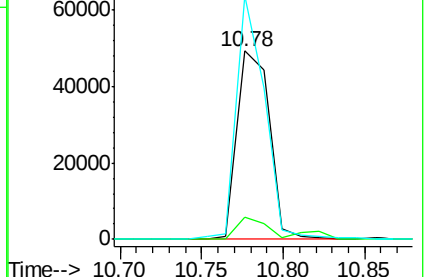
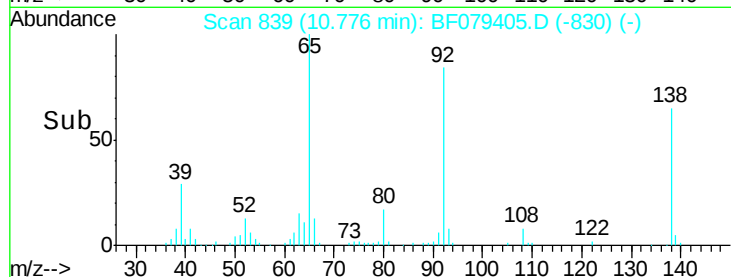
92 129.4 97.4 146.0



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: 72.82 ng

RT: 10.92 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

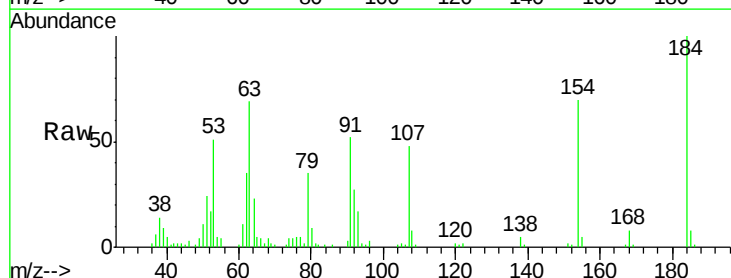
Tgt Ion:184 Resp: 50546

Ion Ratio Lower Upper

184 100

63 68.6 98.8 148.2#

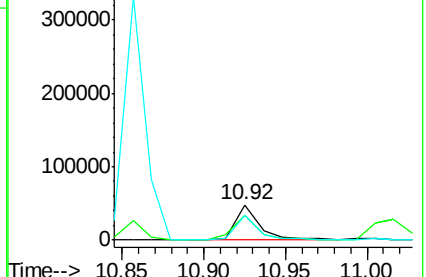
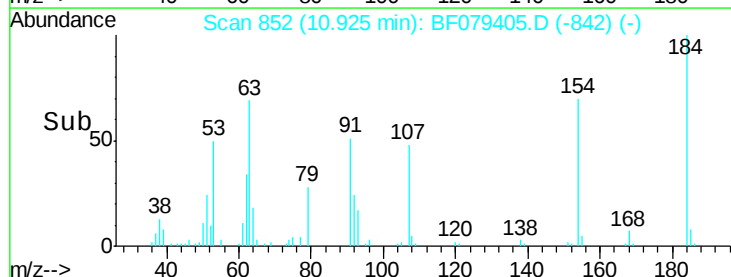
154 69.9 63.4 95.0

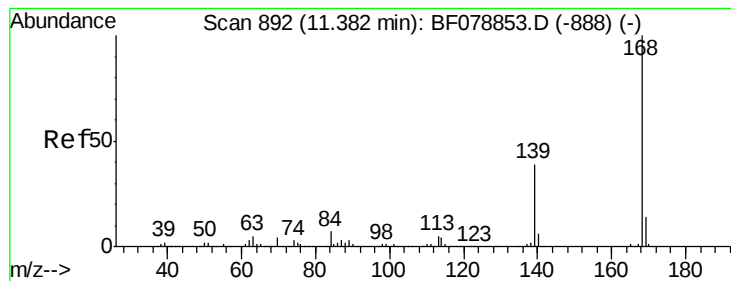


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 43.93 ng

RT: 11.07 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

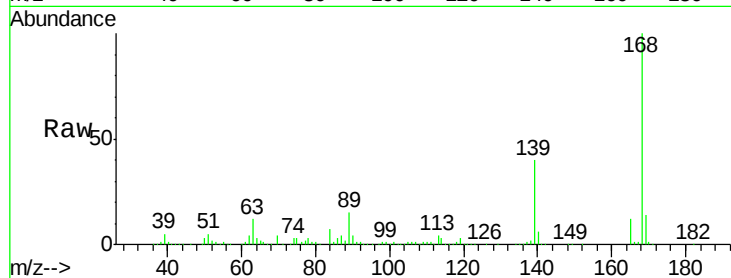
Tot Ion:168 Resp: 463904

Ion Ratio Lower Upper

168 100

139 39.9 31.5 47.3

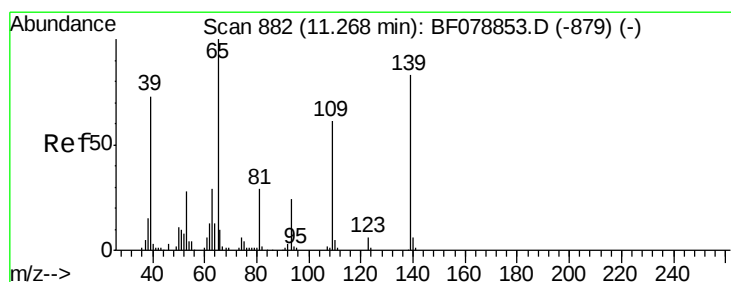
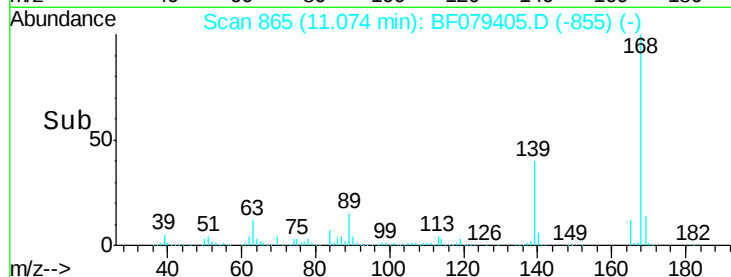
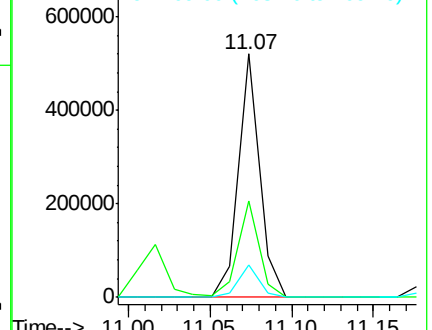
169 13.6 11.0 16.4



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: 78.14 ng

RT: 11.02 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

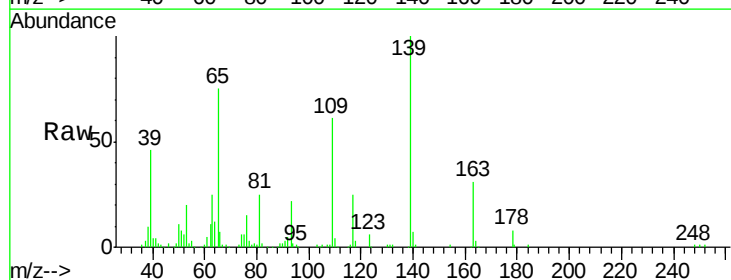
Tgt Ion:139 Resp: 134719

Ion Ratio Lower Upper

139 100

109 61.4 54.4 94.4

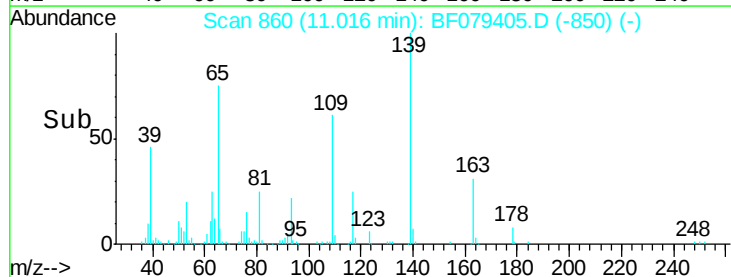
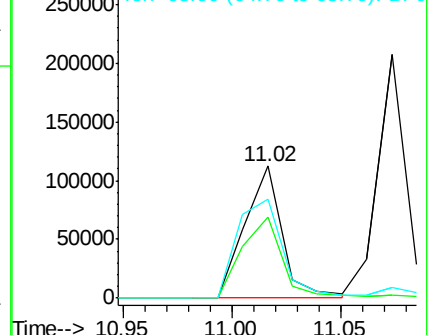
65 75.2 101.0 141.0#

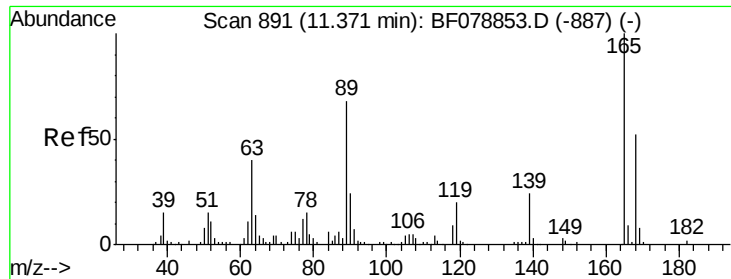


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

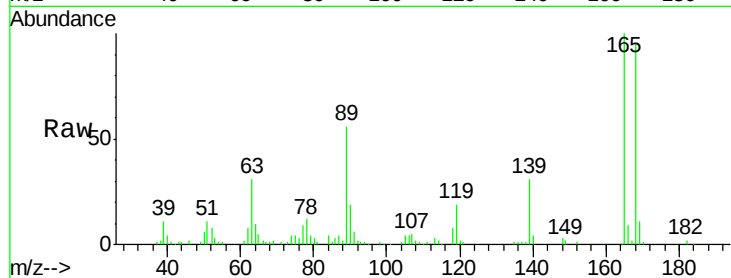




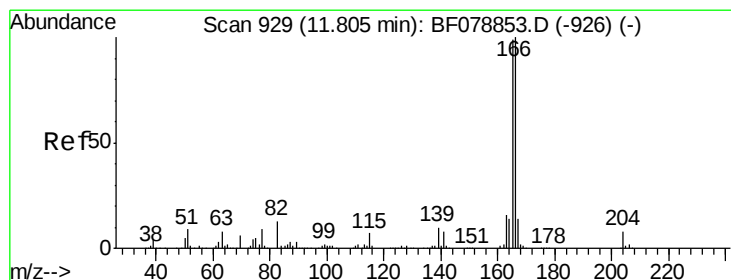
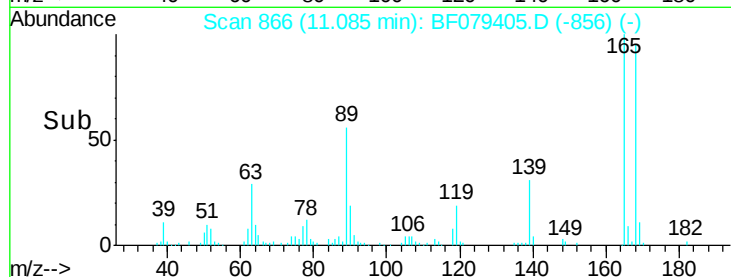
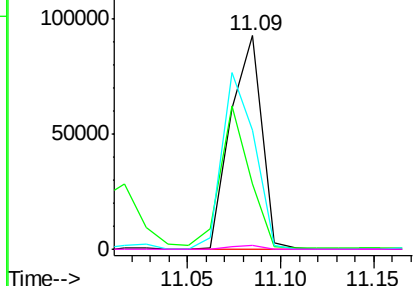
#56
2,4-Dinitrotoluene
Concen: 46.86 ng
RT: 11.09 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tot Ion:165 Resp: 108032
Ion Ratio Lower Upper
165 100
63 30.8 32.3 48.5#
89 55.5 54.6 81.8
182 1.9 1.8 2.6

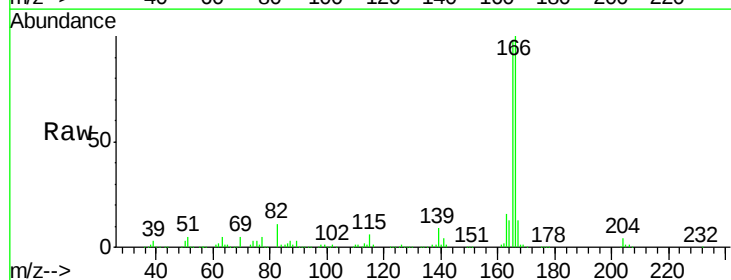


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

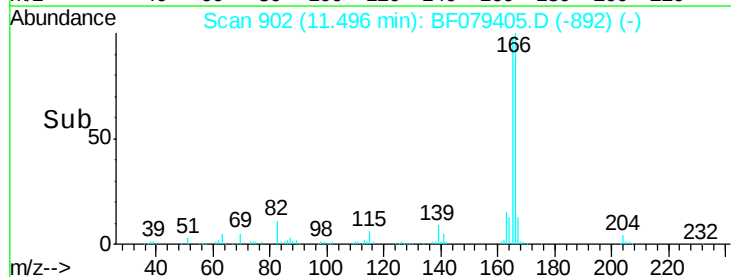
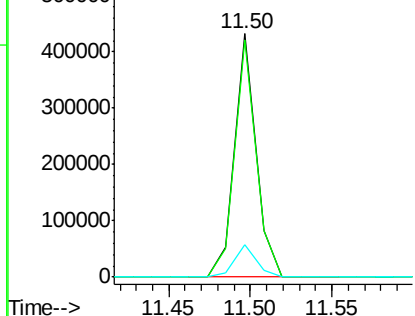


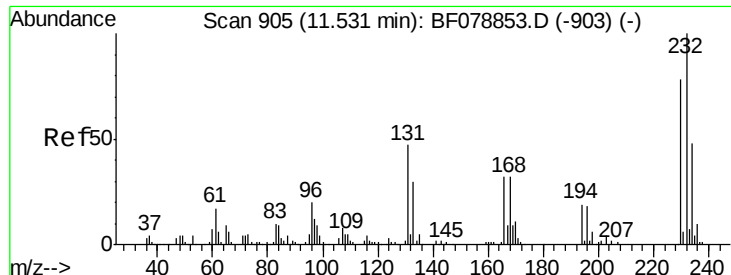
#57
Fluorene
Concen: 45.10 ng
RT: 11.50 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:166 Resp: 390845
Ion Ratio Lower Upper
166 100
165 97.7 79.5 119.3
167 13.3 11.0 16.6



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

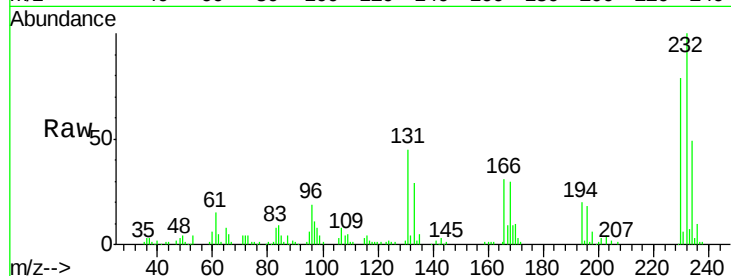




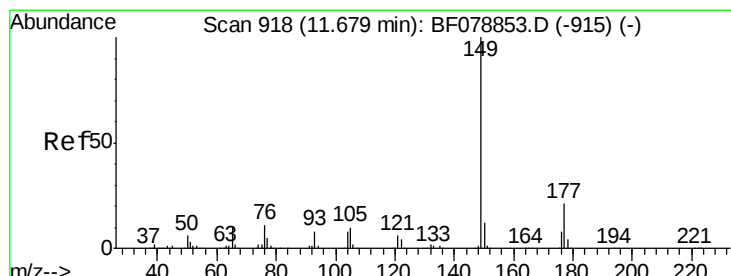
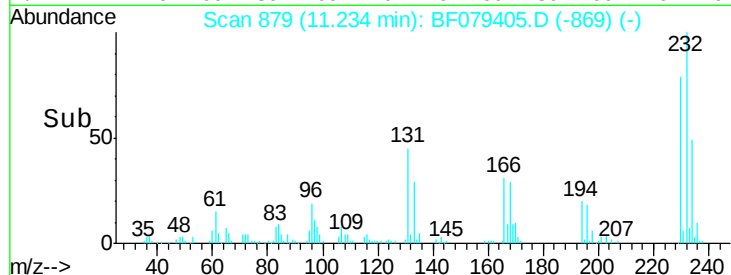
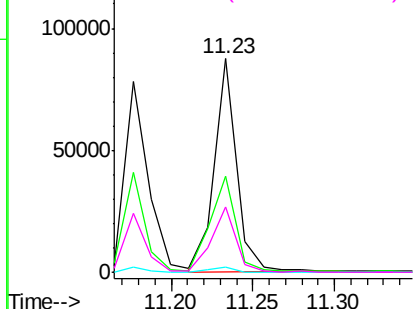
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 11.23 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:232 Resp: 83203
 Ion Ratio Lower Upper
 232 100
 131 51.1 41.9 62.9
 130 2.6 1.9 2.9
 166 33.9 27.0 40.6

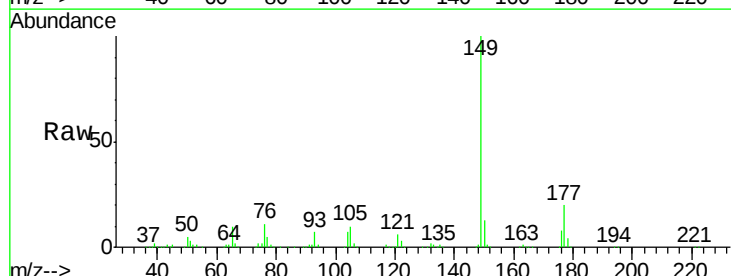


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

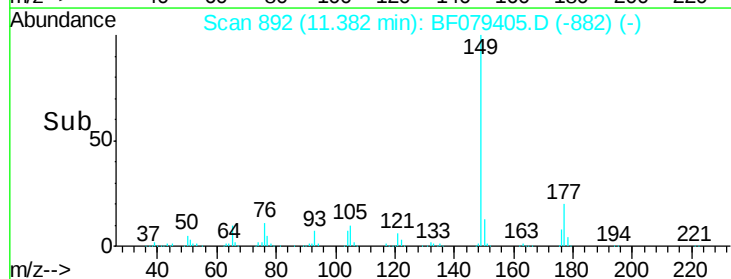
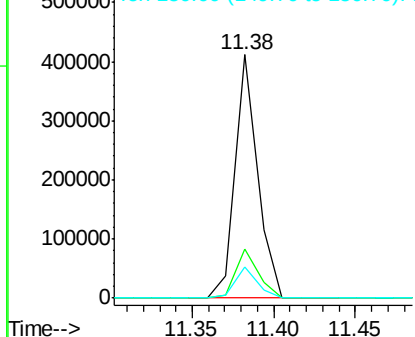


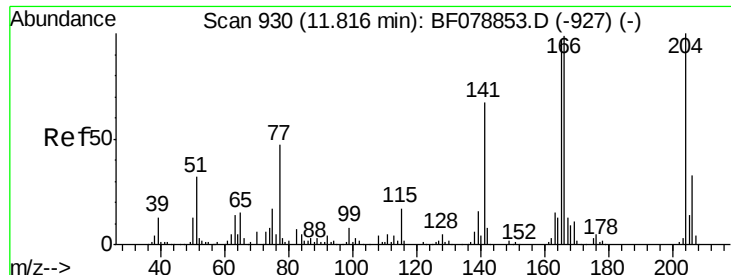
#59
 Diethylphthalate
 Concen: 44.25 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:149 Resp: 387371
 Ion Ratio Lower Upper
 149 100
 177 20.2 16.4 24.6
 150 12.8 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

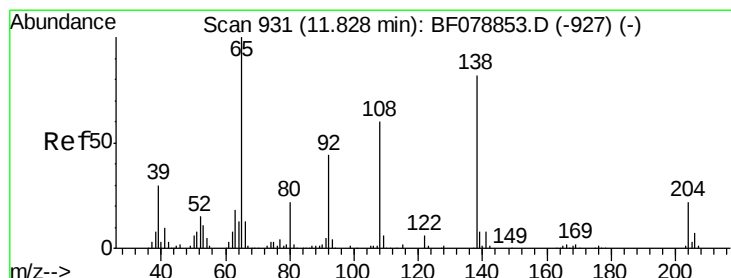
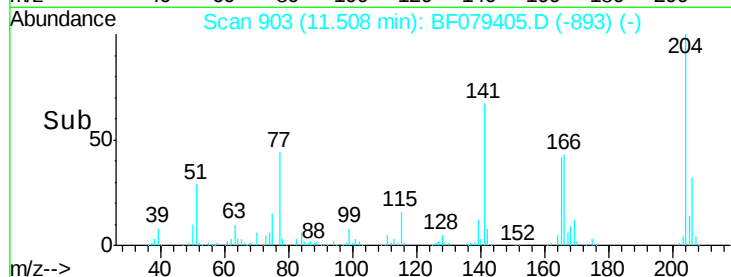
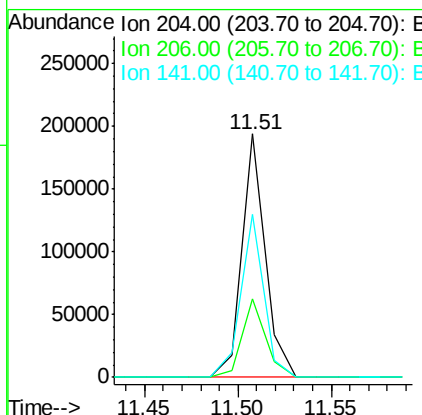
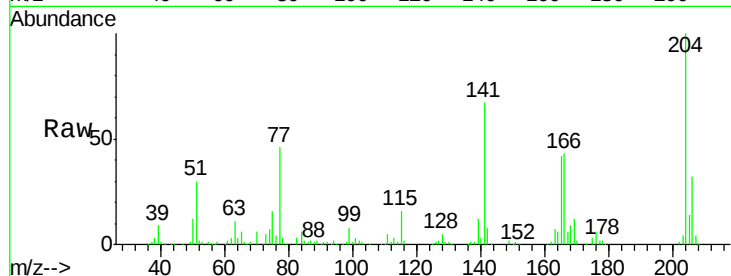




#60
4-Chlorophenyl-phenylether
Concen: 43.98 ng
RT: 11.51 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

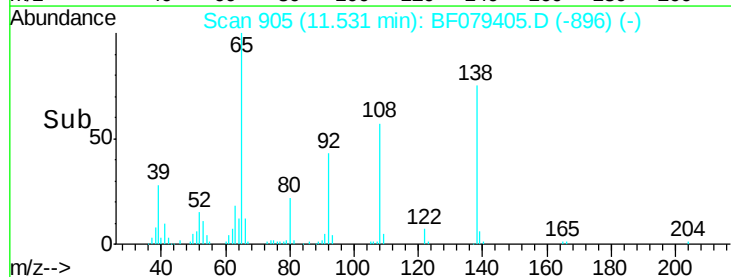
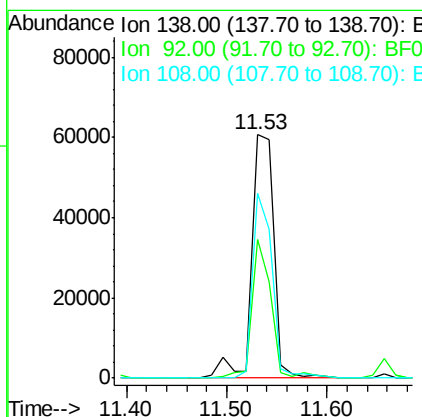
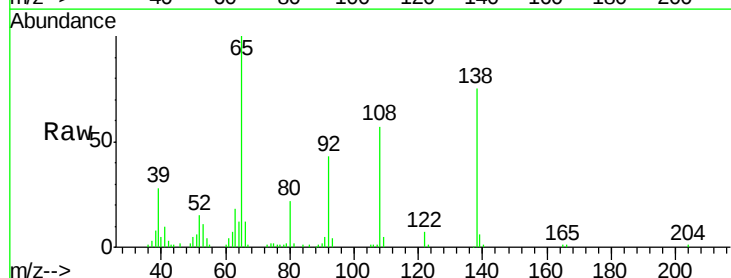
Instrument :
BNA_F
ClientSampleId :
PB83521BS

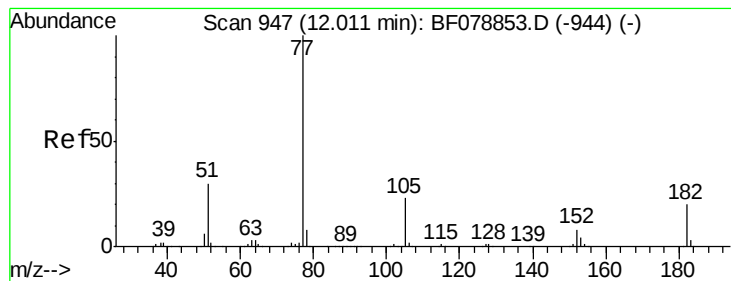
Tot Ion:204 Resp: 169086
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 67.0 53.6 80.4



#61
4-Nitroaniline
Concen: 42.68 ng
RT: 11.53 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:138 Resp: 93018
Ion Ratio Lower Upper
138 100
92 56.9 33.7 73.7
108 75.8 53.4 93.4





#62

Azobenzene

Concen: 45.07 ng

RT: 11.70 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

Tot Ion: 77 Resp: 388746

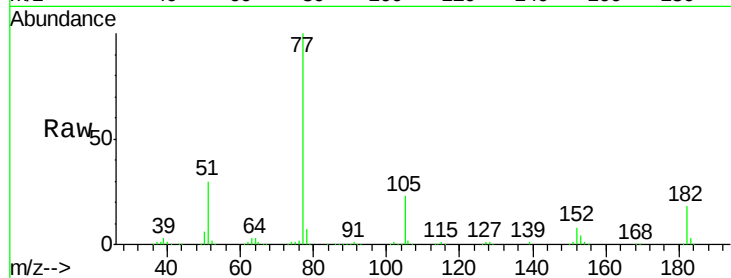
Ion Ratio Lower Upper

77 100

182 18.4 0.0 40.0

105 22.6 2.9 42.9

51 30.0 10.0 50.0

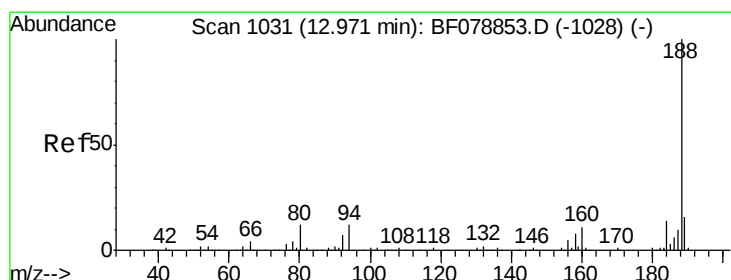
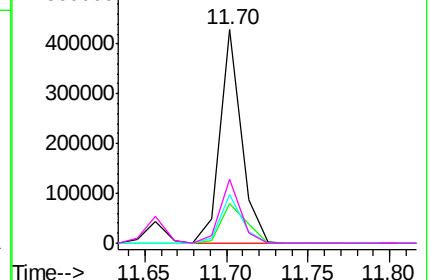
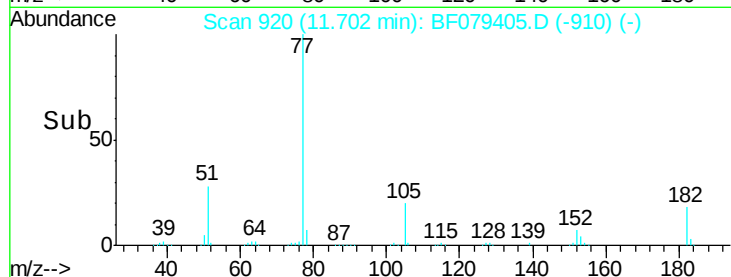


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.65 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

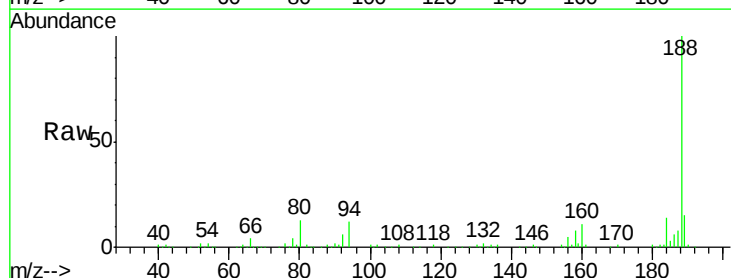
Tgt Ion: 188 Resp: 237263

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.0

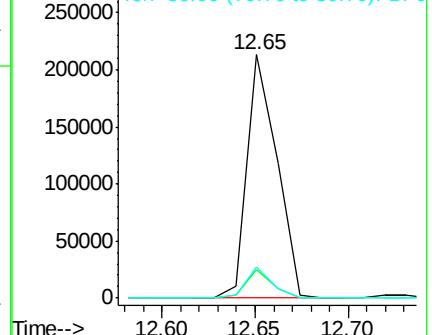
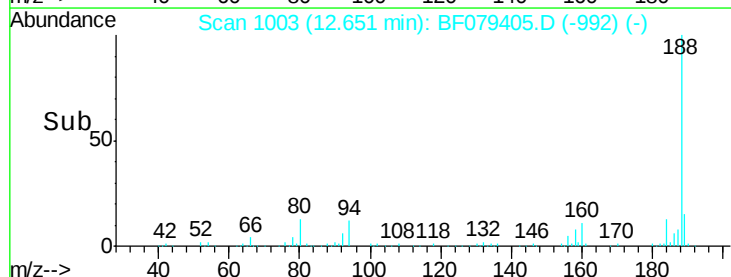
80 12.7 9.8 14.6

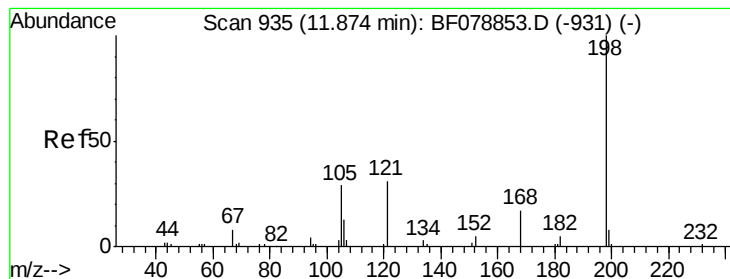


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 42.81 ng

RT: 11.59 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

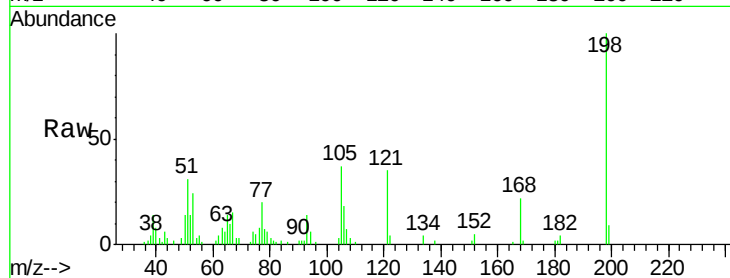
Tot Ion:198 Resp: 40476

Ion Ratio Lower Upper

198 100

51 31.3 7.0 47.0

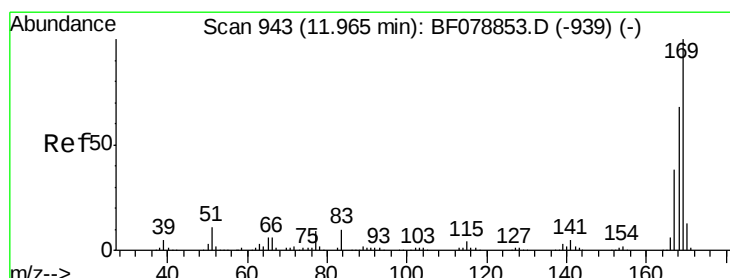
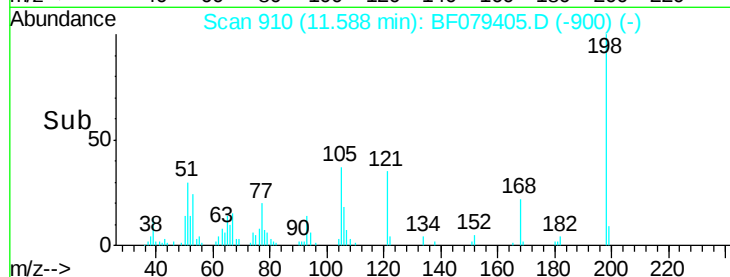
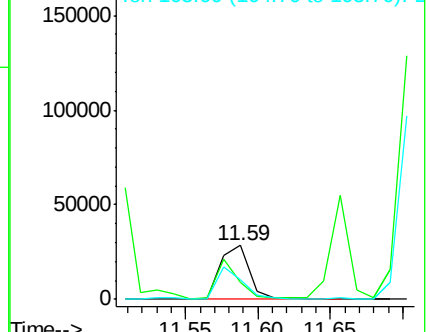
105 36.7 13.7 53.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.86 ng

RT: 11.66 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

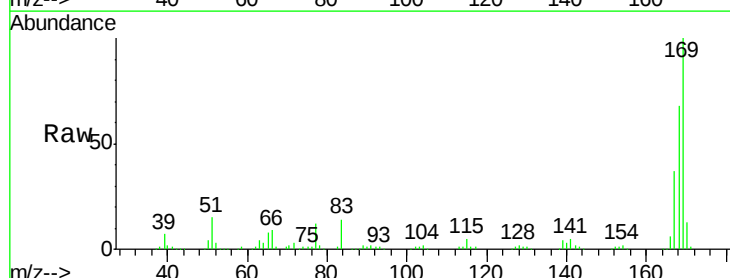
Tgt Ion:169 Resp: 322872

Ion Ratio Lower Upper

169 100

168 68.2 54.1 81.1

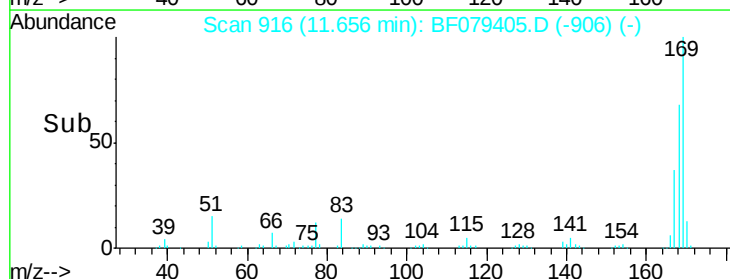
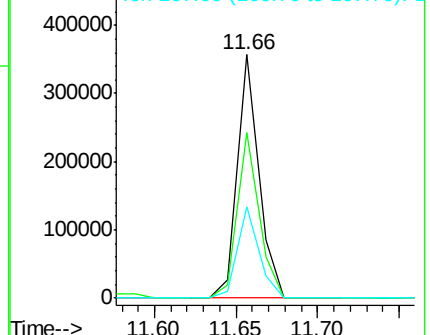
167 37.5 30.1 45.1

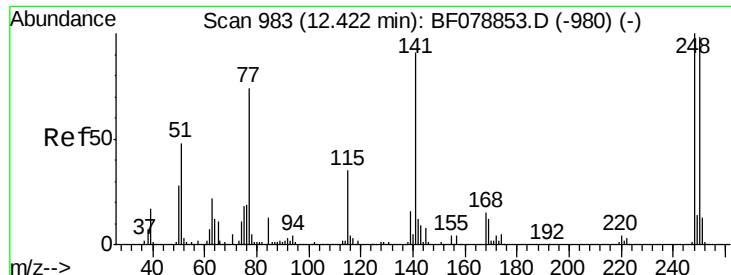


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

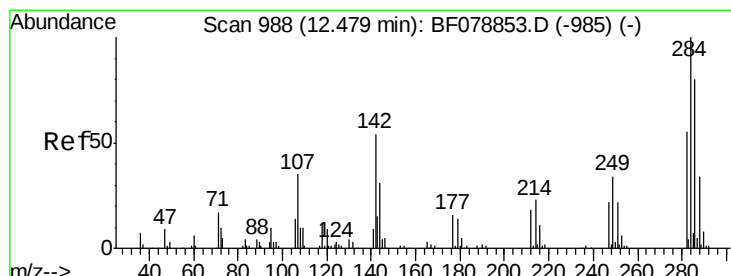
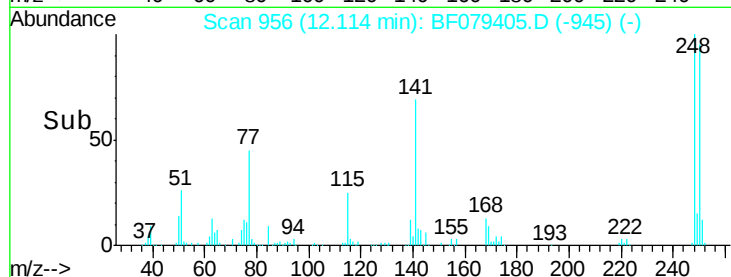
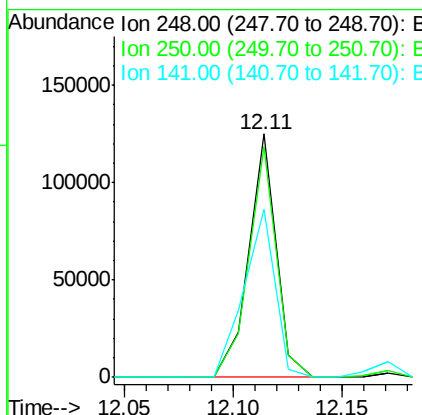
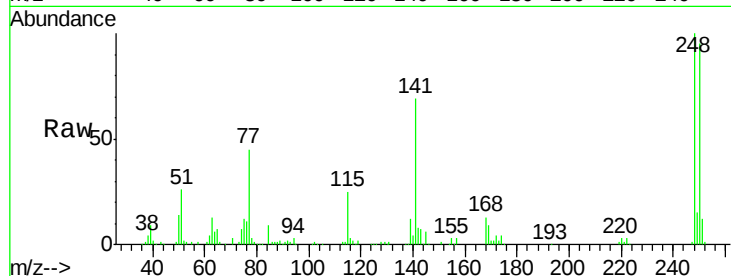




#66
4-Bromophenyl-phenylether
Concen: 44.41 ng
RT: 12.11 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

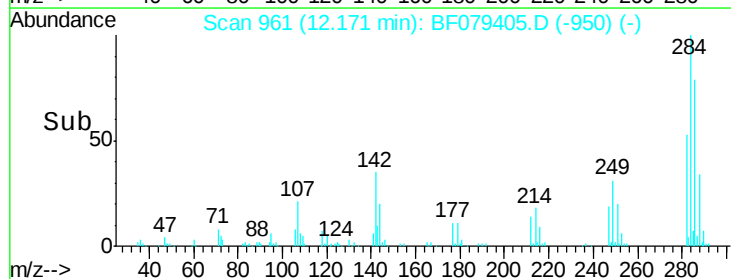
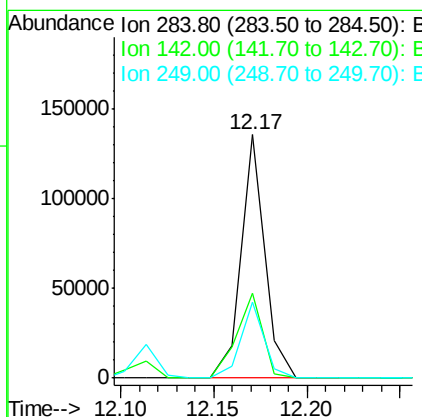
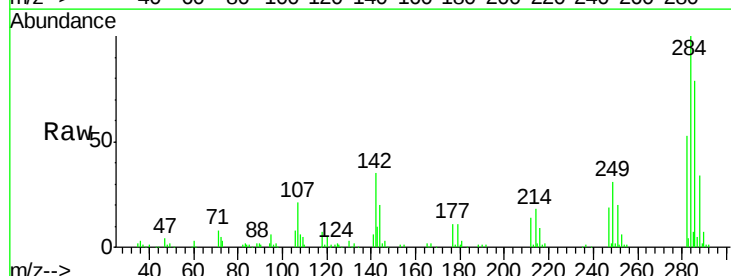
Instrument :
BNA_F
ClientSampleId :
PB83521BS

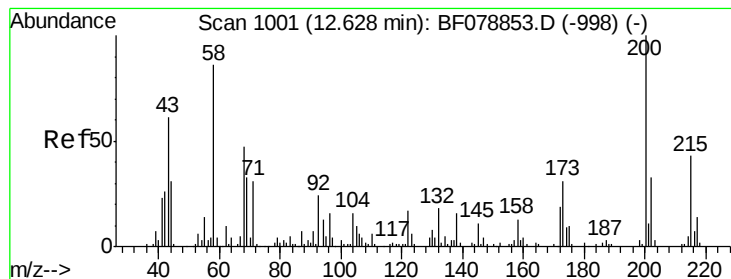
Tot Ion:248 Resp: 109823
Ion Ratio Lower Upper
248 100
250 94.6 78.0 117.0
141 69.0 72.6 109.0#



#67
Hexachlorobenzene
Concen: 42.48 ng
RT: 12.17 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:284 Resp: 120080
Ion Ratio Lower Upper
284 100
142 35.1 43.2 64.8#
249 31.0 27.5 41.3





#68

Atrazine

Concen: 44.20 ng

RT: 12.33 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

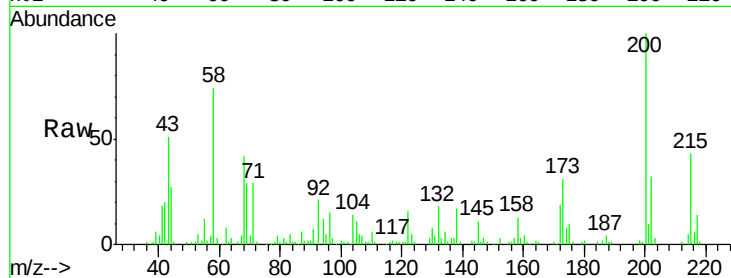
Tot Ion:200 Resp: 101554

Ion Ratio Lower Upper

200 100

173 31.0 10.9 50.9

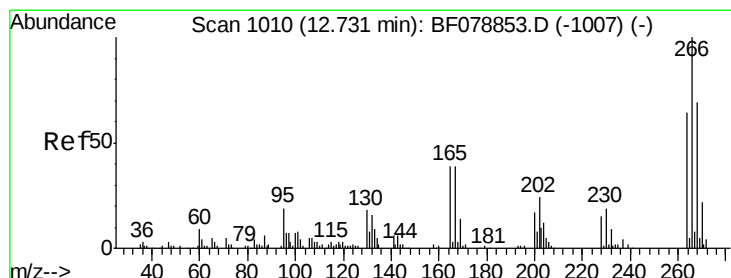
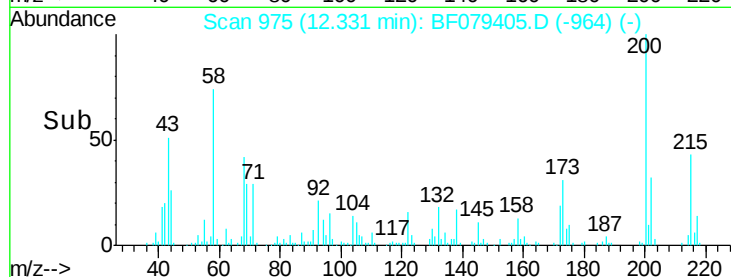
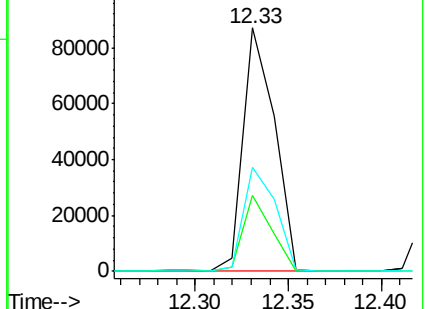
215 43.0 23.2 63.2



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: 66.89 ng

RT: 12.42 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

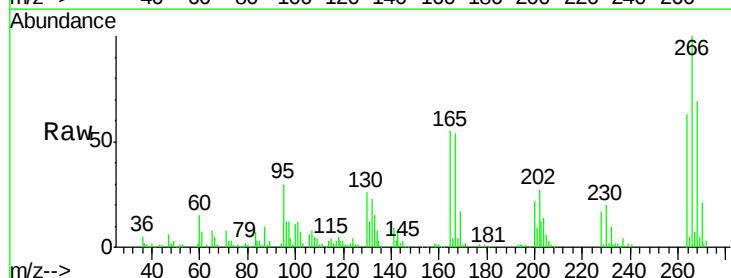
Tgt Ion:266 Resp: 108584

Ion Ratio Lower Upper

266 100

268 69.2 55.0 82.6

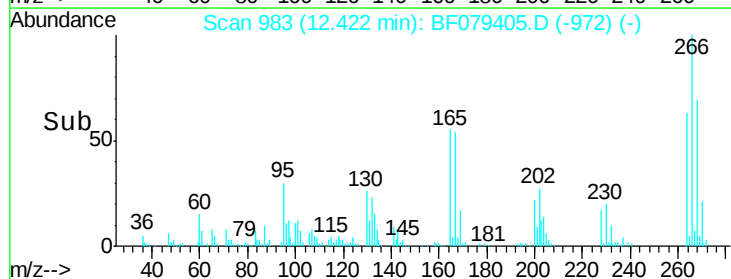
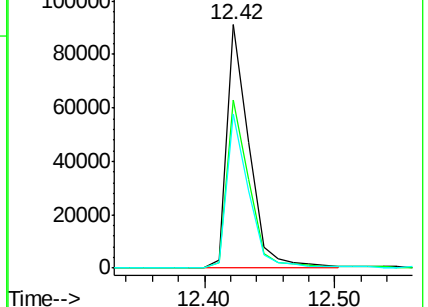
264 63.4 50.9 76.3

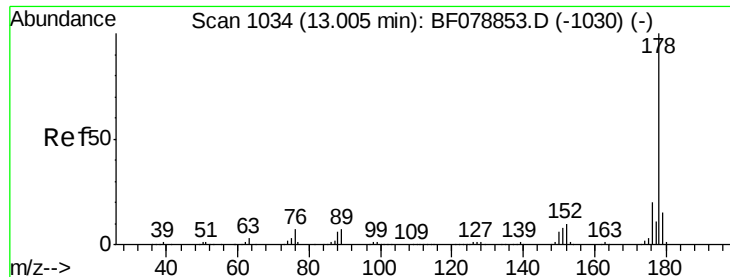


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

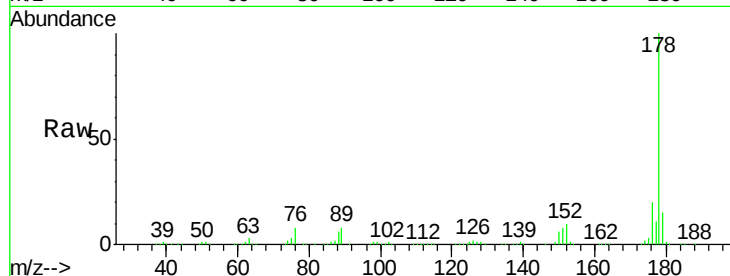




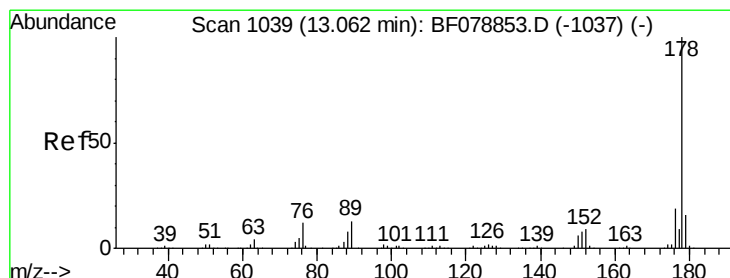
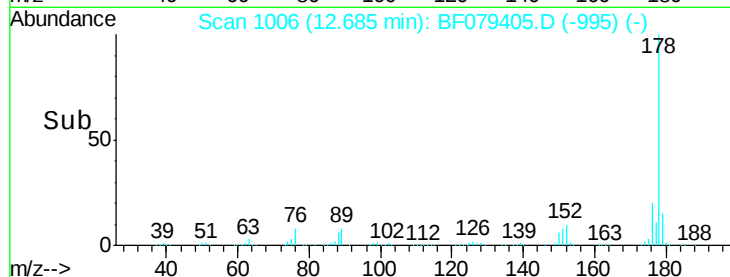
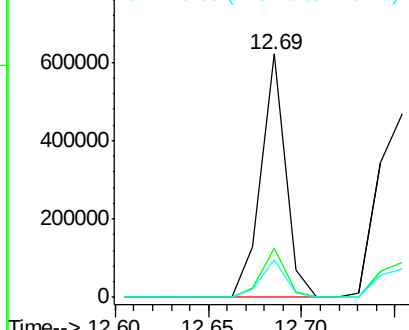
#70
 Phenanthrene
 Concen: 42.46 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Tot Ion:178 Resp: 563528
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.2 12.2 18.4

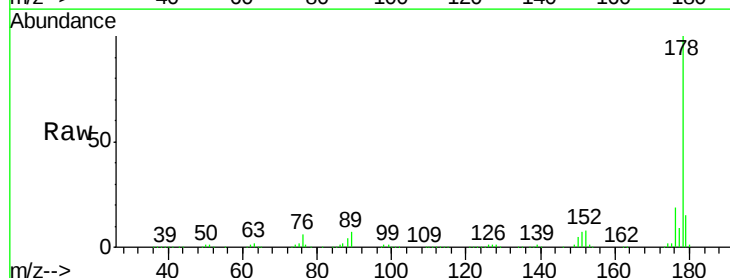


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

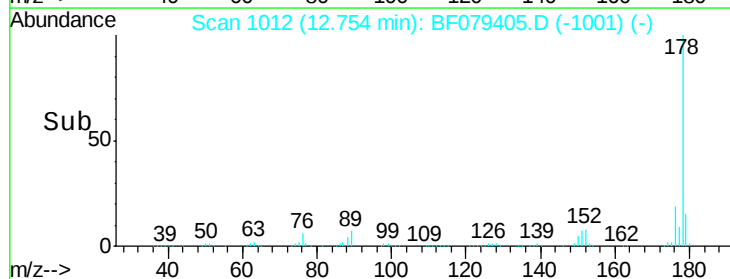
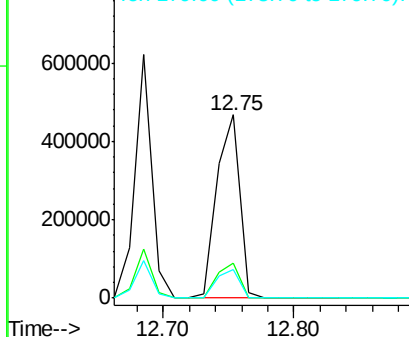


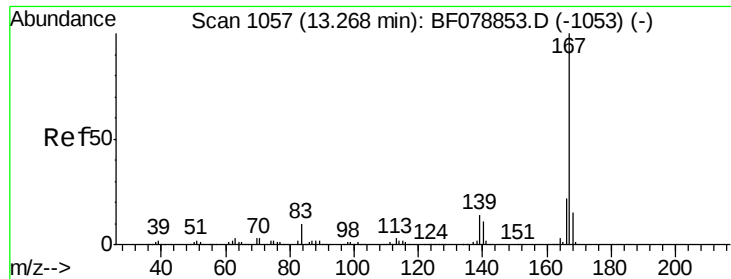
#71
 Anthracene
 Concen: 44.20 ng
 RT: 12.75 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:178 Resp: 575533
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.3 12.6 19.0



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





#72

Carbazole

Concen: 45.47 ng

RT: 12.96 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

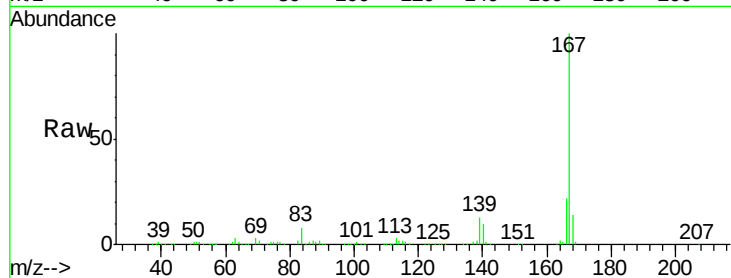
Tot Ion:167 Resp: 564322

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

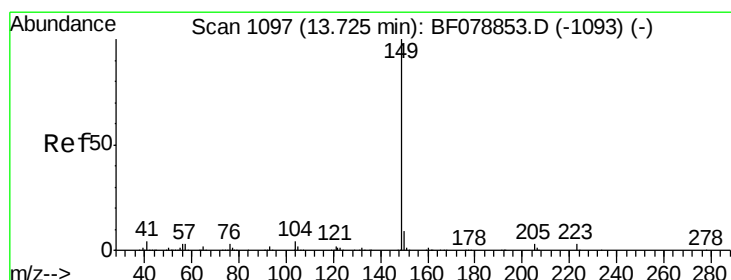
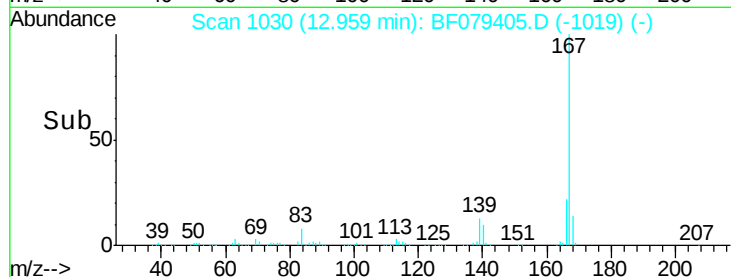
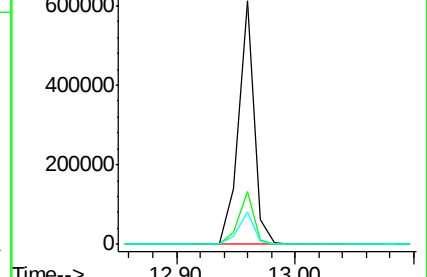
139 13.1 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.42 ng

RT: 13.42 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

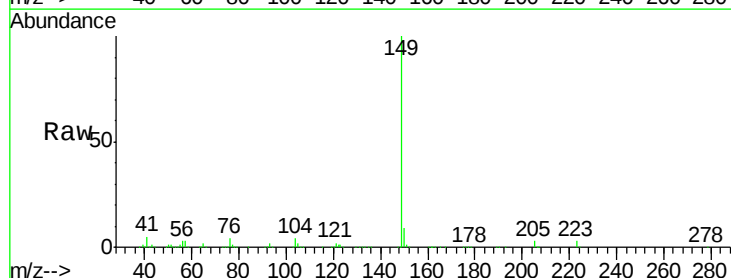
Tgt Ion:149 Resp: 676037

Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.4

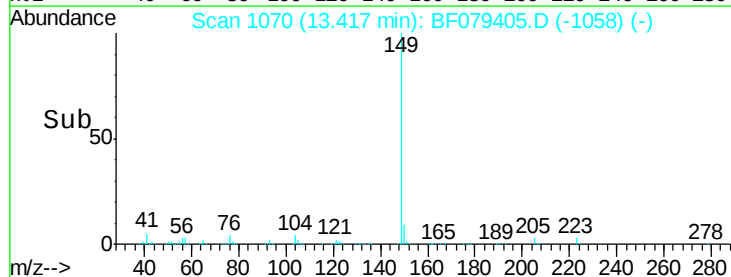
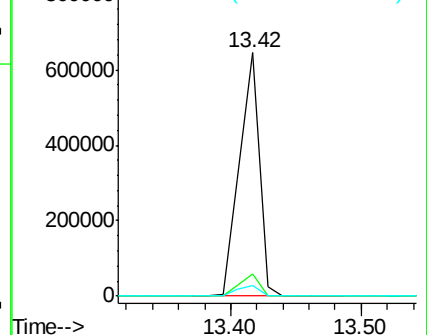
104 4.3 3.3 4.9

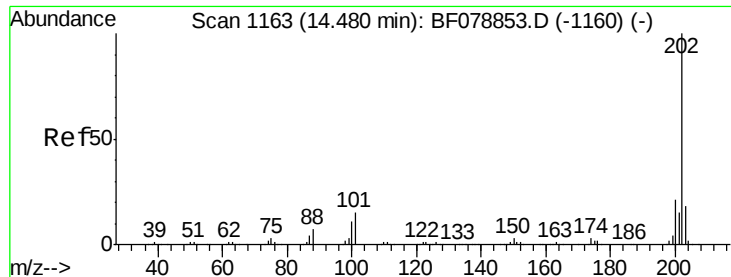


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

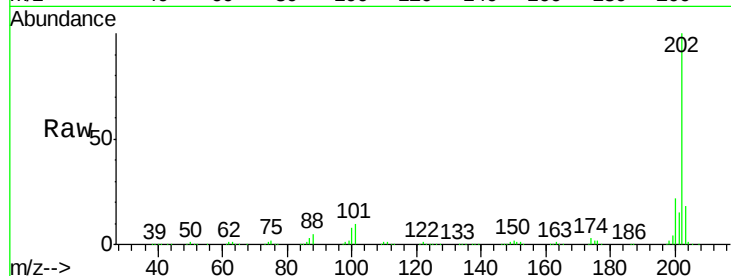




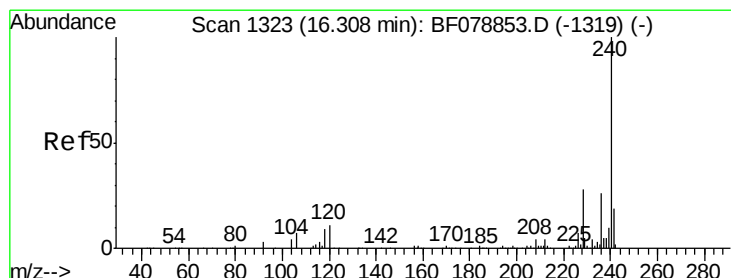
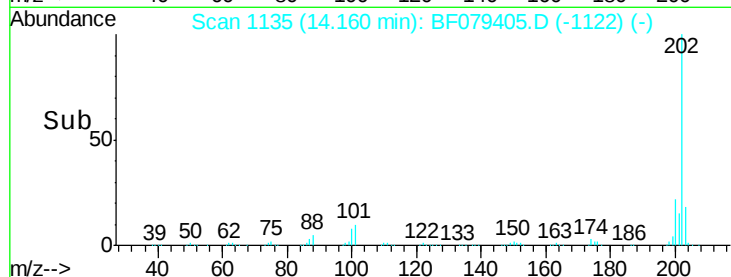
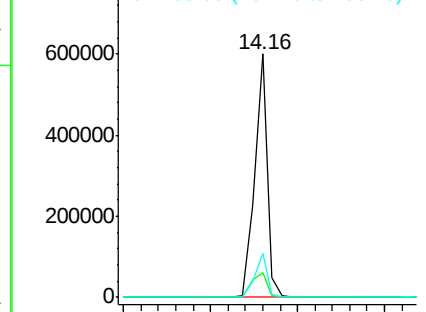
#74
Fluoranthene
Concen: 43.94 ng
RT: 14.16 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
PB83521BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.7
203	17.9	0.0	37.9

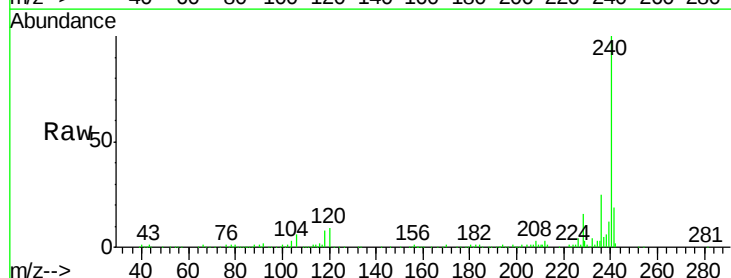


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

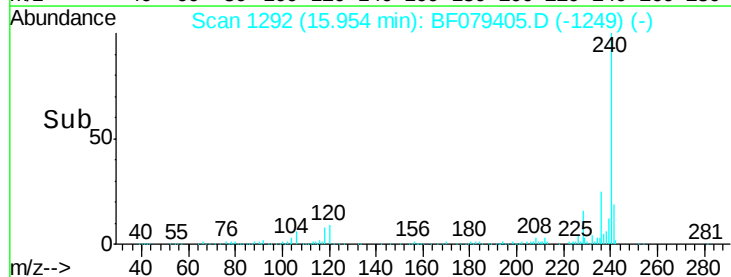
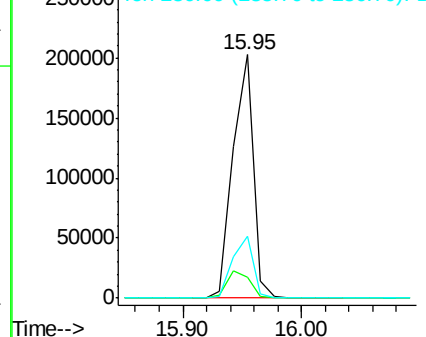


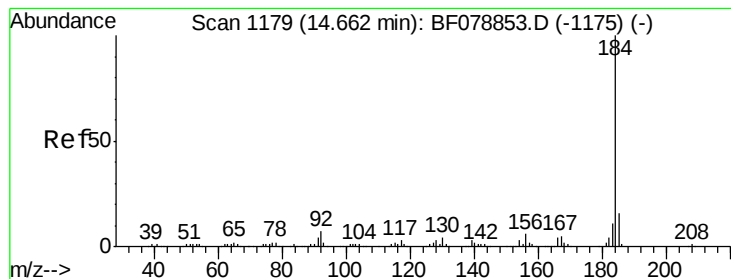
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.6	12.8#
236	25.4	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: 39.94 ng

RT: 14.34 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

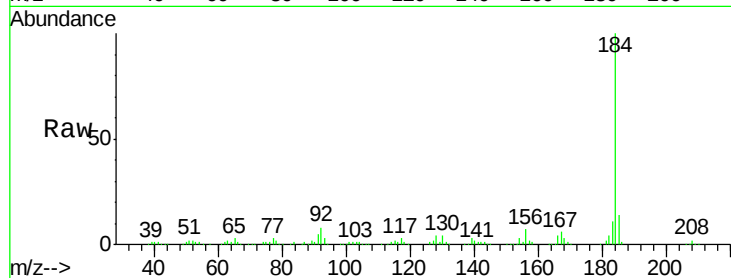
Tot Ion:184 Resp: 260105

Ion Ratio Lower Upper

184 100

185 13.9 12.8 19.2

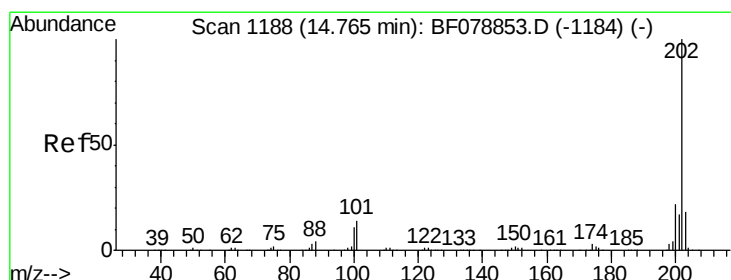
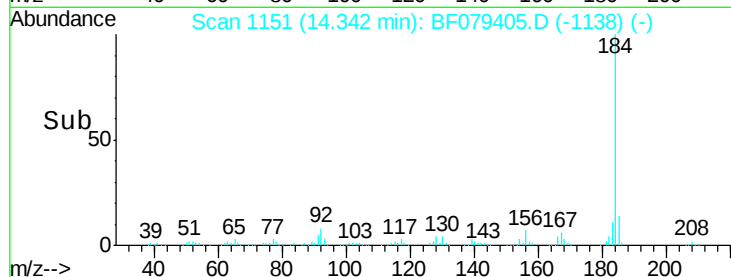
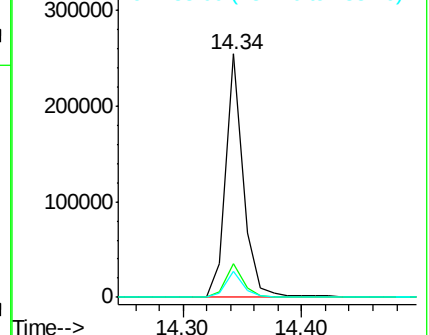
183 10.8 9.0 13.4



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: 45.03 ng

RT: 14.43 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

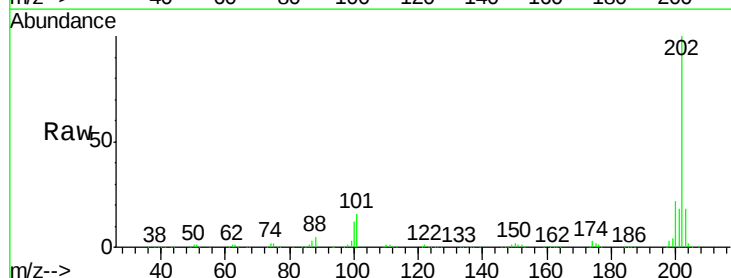
Tgt Ion:202 Resp: 627097

Ion Ratio Lower Upper

202 100

200 22.2 17.5 26.3

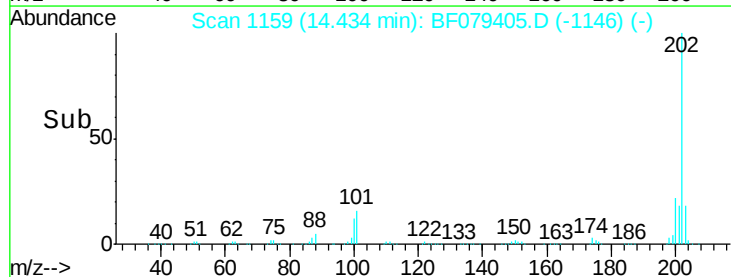
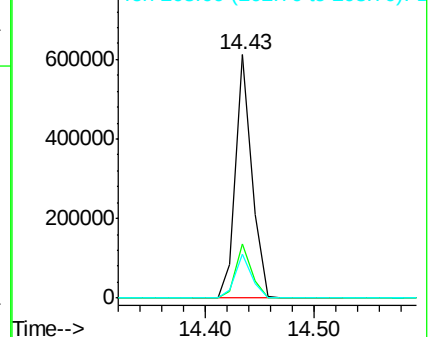
203 17.8 14.7 22.1

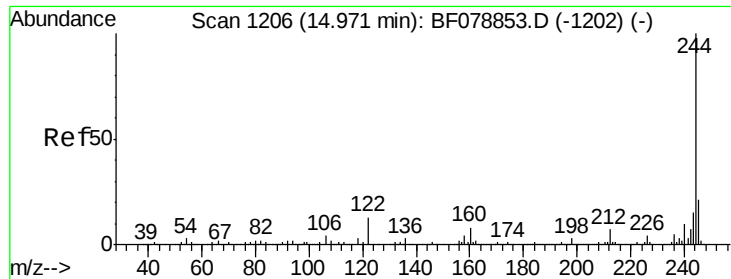


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

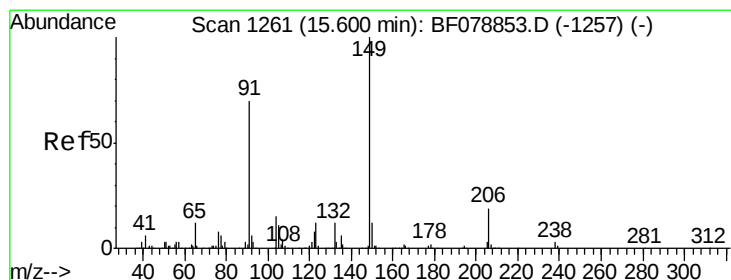
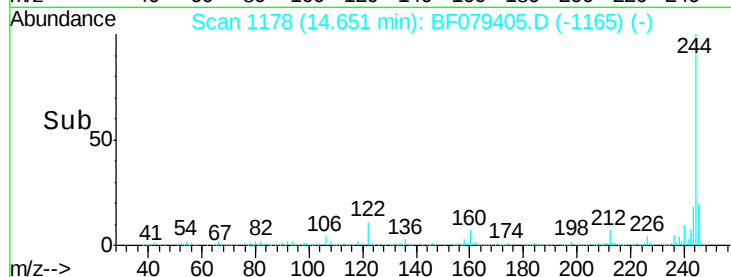
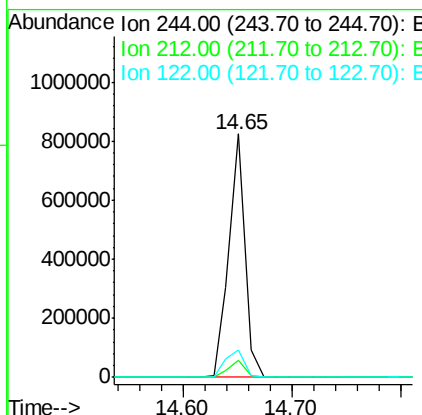
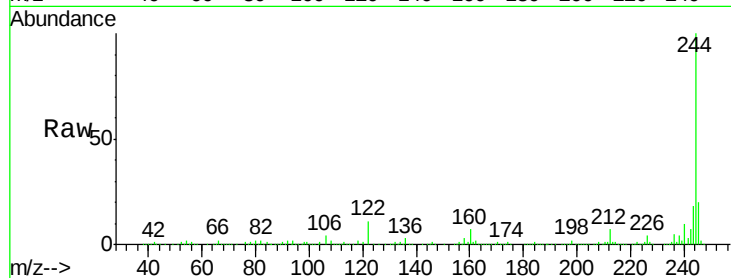




#78
 Terphenyl-d14
 Concen: 83.67 ng
 RT: 14.65 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

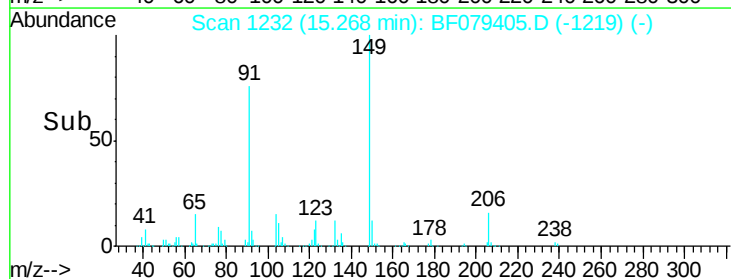
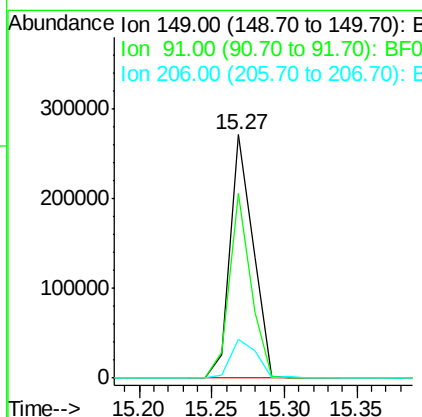
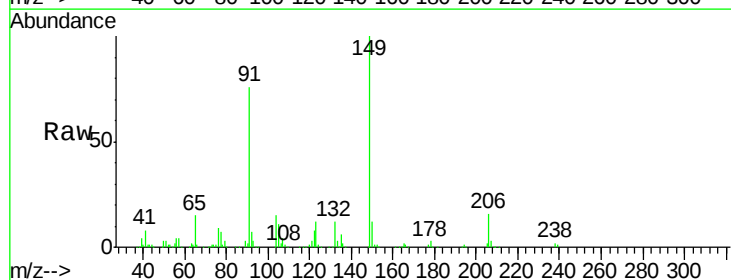
Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

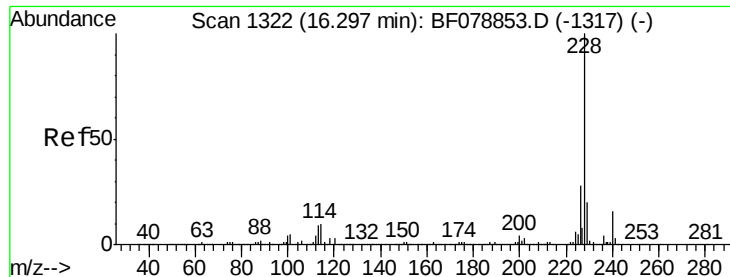
Tot Ion:244 Resp: 844491
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.4 10.5 15.7



#79
 Butylbenzylphthalate
 Concen: 49.02 ng
 RT: 15.27 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:149 Resp: 298403
 Ion Ratio Lower Upper
 149 100
 91 76.1 56.2 84.2
 206 15.9 15.2 22.8





#80

Benzo(a)anthracene

Concen: 45.25 ng

RT: 15.94 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

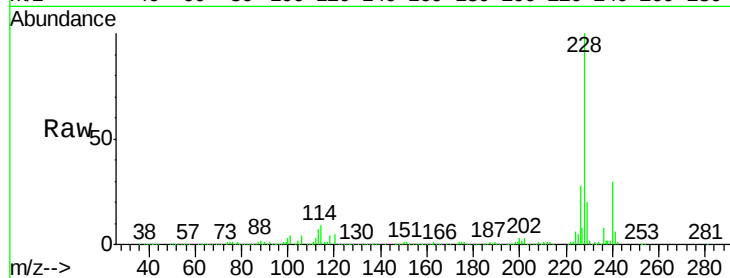
Tot Ion:228 Resp: 598867

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.6	16.1	24.1

228 100

226 27.9 22.3 33.5

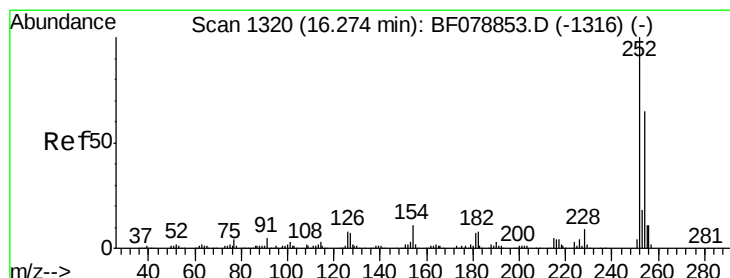
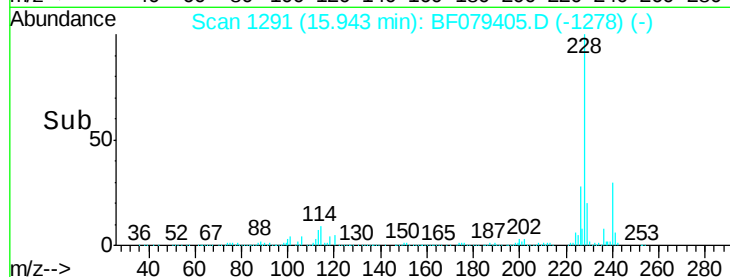
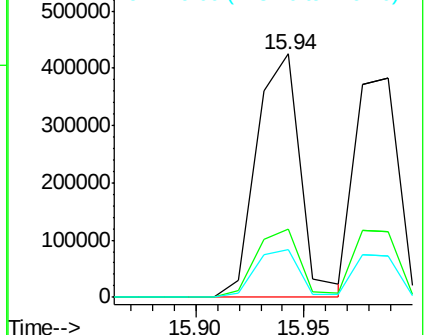
229 19.6 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 34.81 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

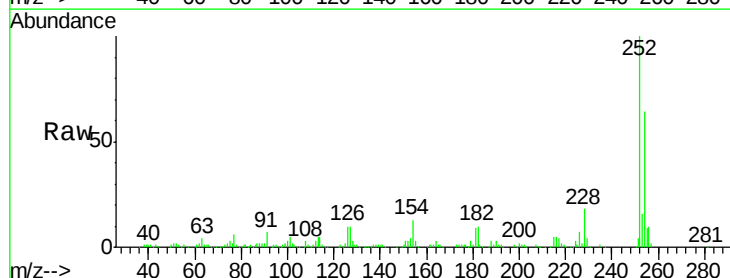
Tgt Ion:252 Resp: 164103

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.2	78.2
126	10.4	6.6	9.8

252 100

254 63.9 52.2 78.2

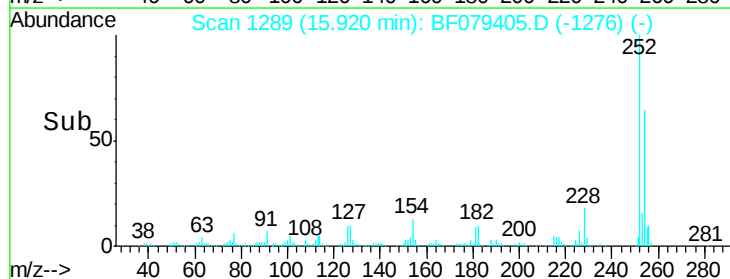
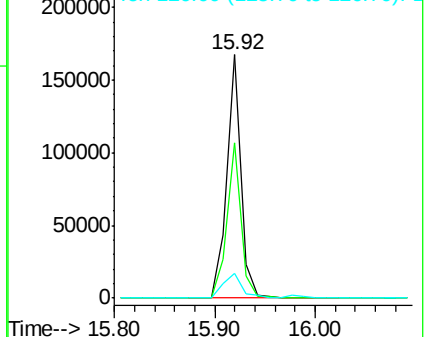
126 10.4 6.6 9.8#

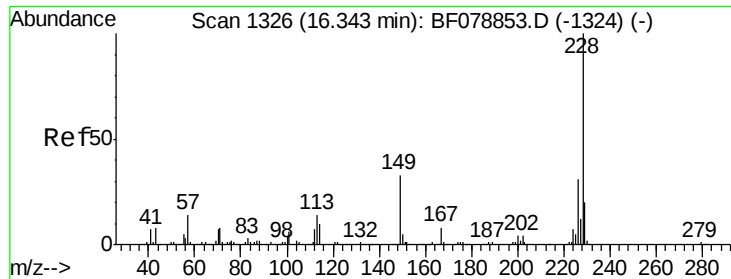


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

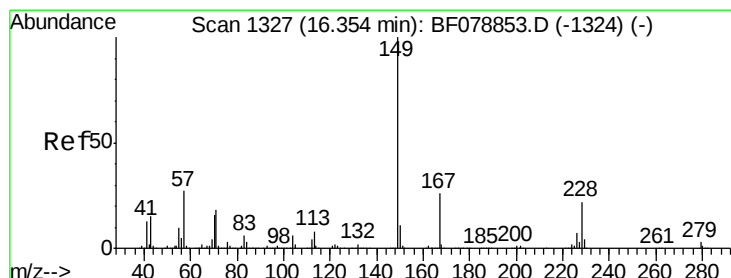
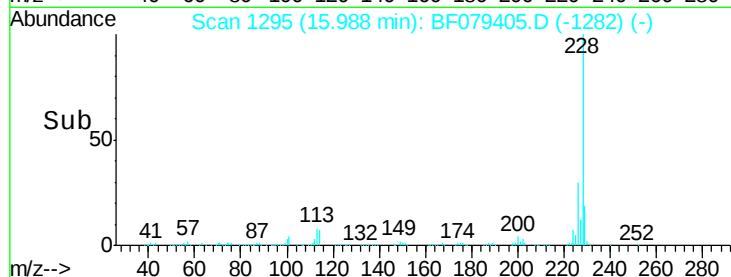
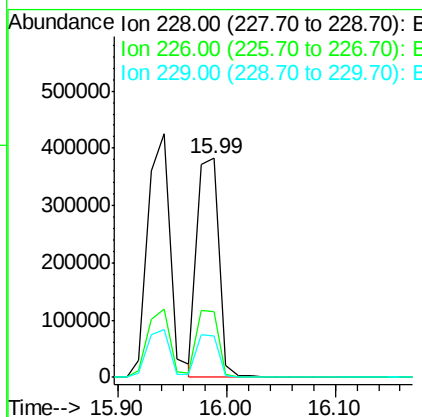
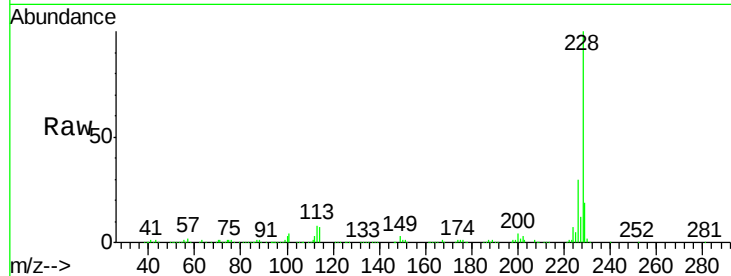




#82
 Chrysene
 Concen: 42.23 ng
 RT: 15.99 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

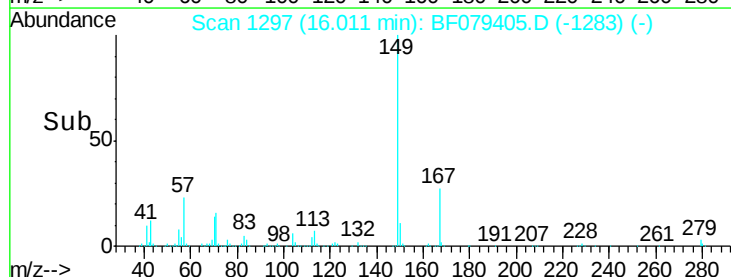
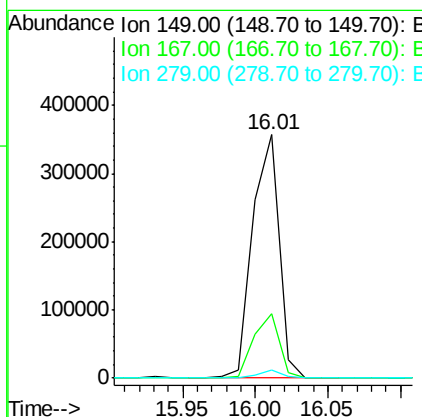
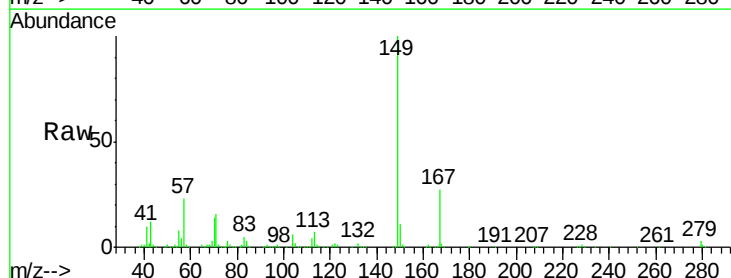
Instrument :
 BNA_F
 ClientSampled :
 PB83521BS

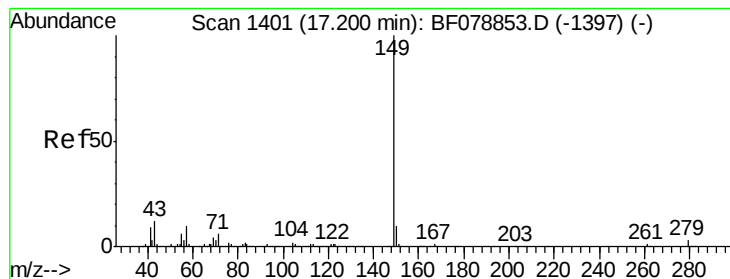
Tot Ion:228 Resp: 537510
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.8 37.2
 229 19.2 16.1 24.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.08 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF079405.D
 Acq: 21 May 2015 16:15

Tgt Ion:149 Resp: 452506
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 3.4 2.6 4.0





#84

Di-n-octyl phthalate

Concen: 48.14 ng

RT: 16.83 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

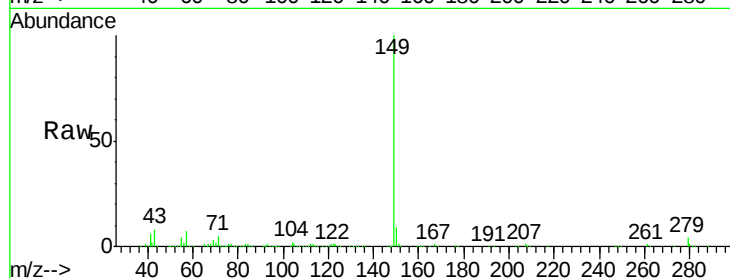
Tot Ion:149 Resp: 781714

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

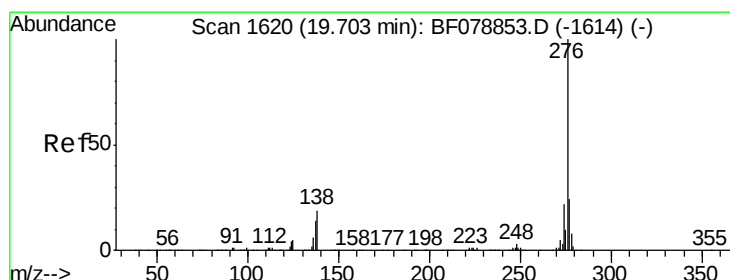
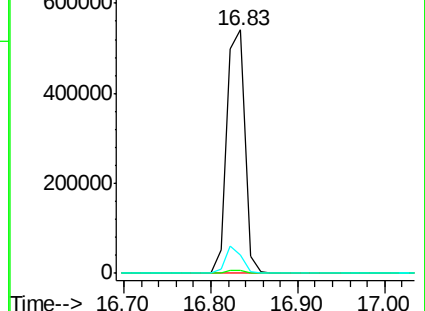
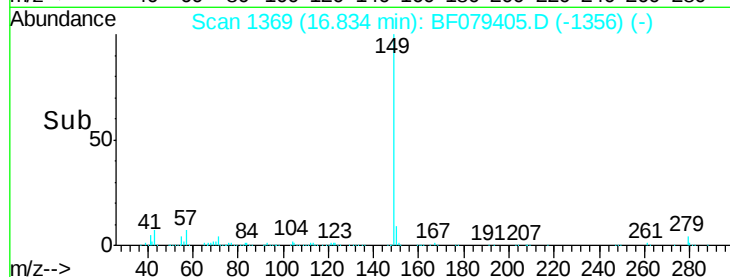
43 9.8 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 44.14 ng

RT: 19.12 min Scan# 1569

Delta R.T. -0.06 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

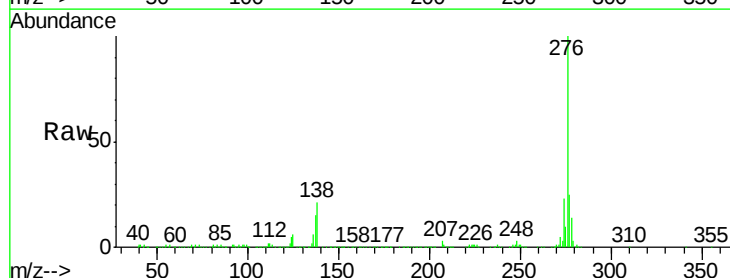
Tgt Ion:276 Resp: 715773

Ion Ratio Lower Upper

276 100

138 26.5 21.1 31.7

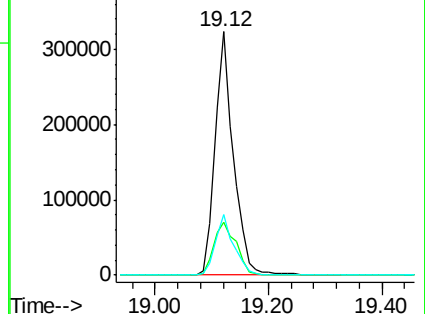
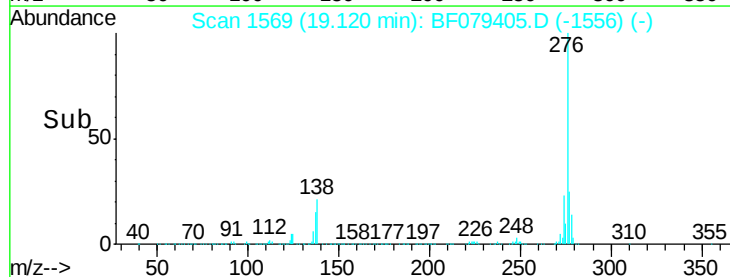
277 25.3 19.9 29.9

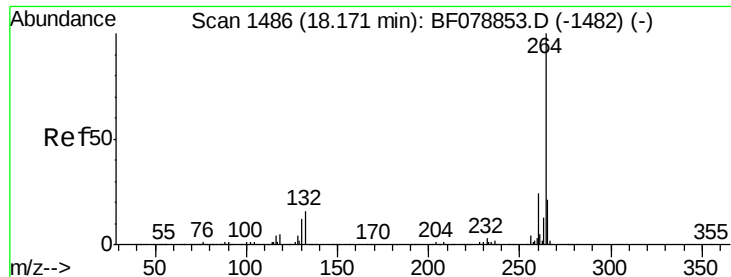


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

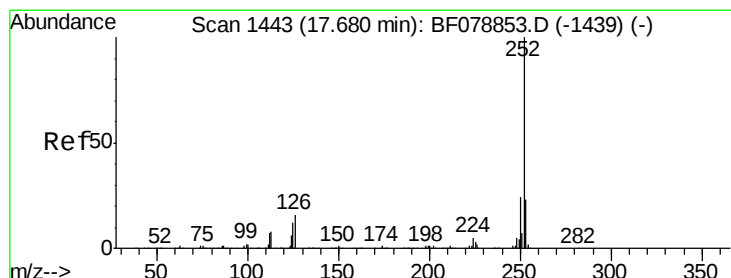
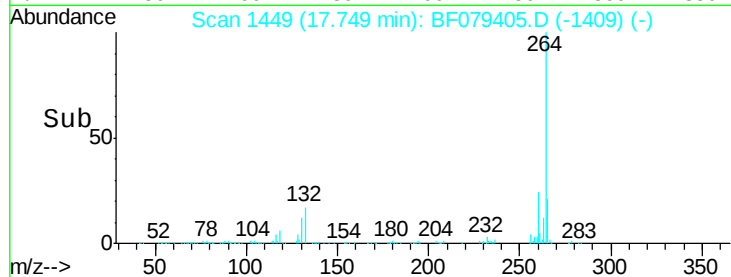
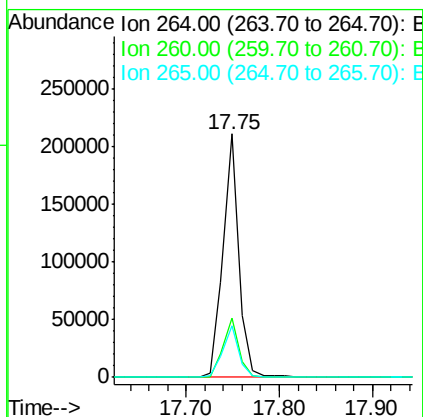
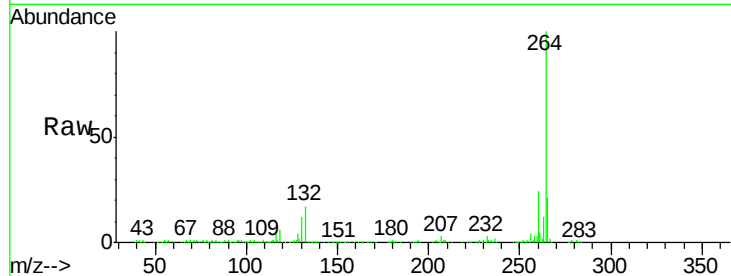




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.75 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

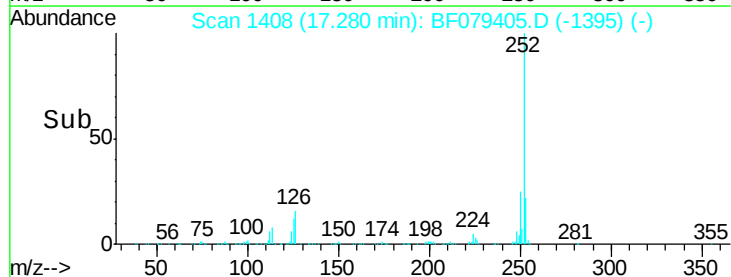
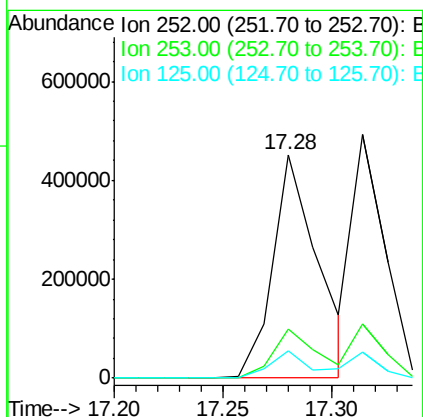
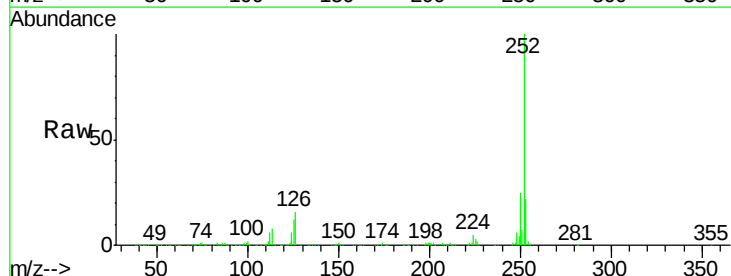
Instrument :
BNA_F
ClientSampleId :
PB83521BS

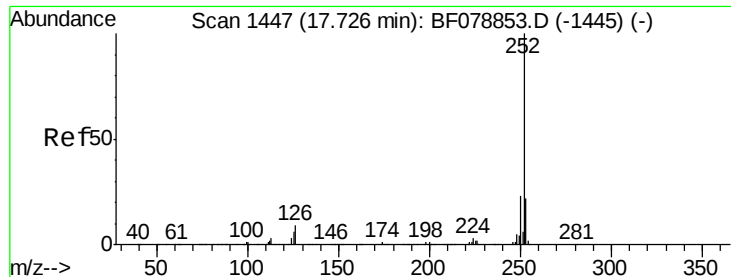
Tot Ion:264 Resp: 249026
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 48.06 ng
RT: 17.28 min Scan# 1408
Delta R.T. -0.03 min
Lab File: BF079405.D
Acq: 21 May 2015 16:15

Tgt Ion:252 Resp: 655049
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.1 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 39.41 ng

RT: 17.31 min Scan# 1411

Delta R.T. -0.03 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

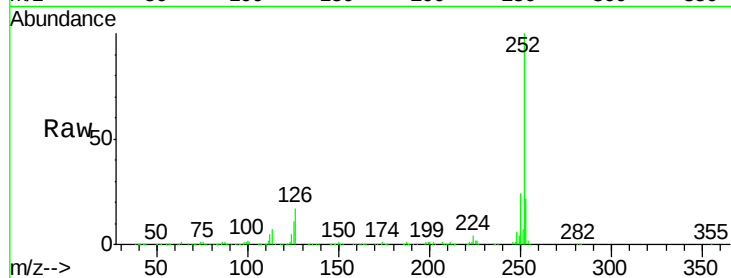
Tot Ion:252 Resp: 519999

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

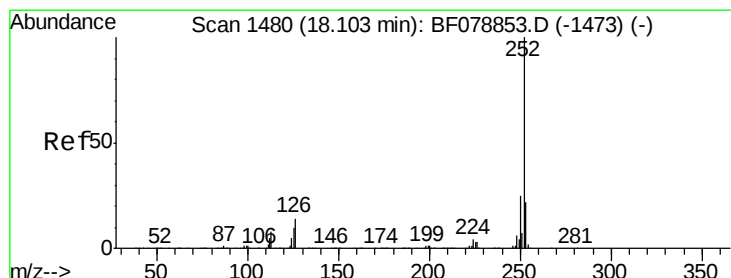
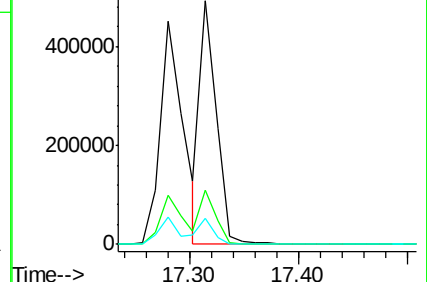
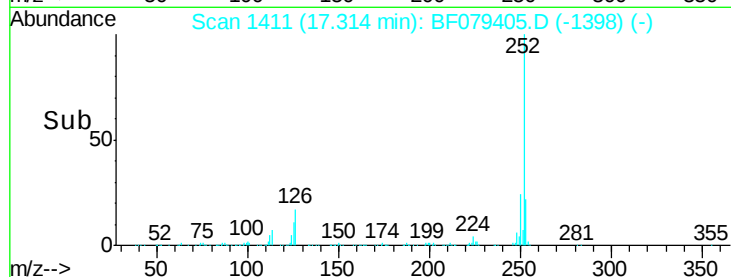
125 10.8 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 46.40 ng

RT: 17.68 min Scan# 1443

Delta R.T. -0.05 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

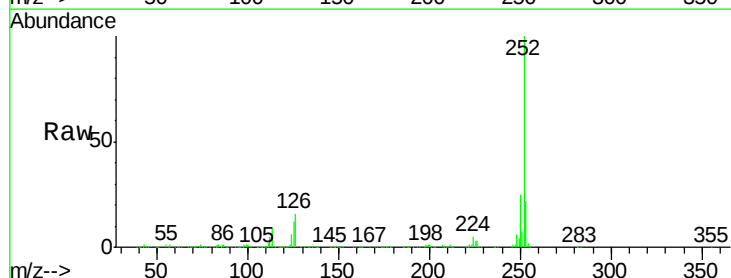
Tgt Ion:252 Resp: 582394

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

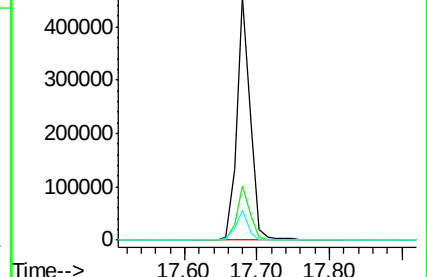
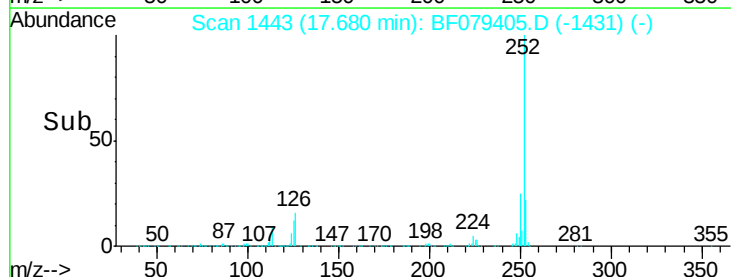
125 12.0 8.2 12.2

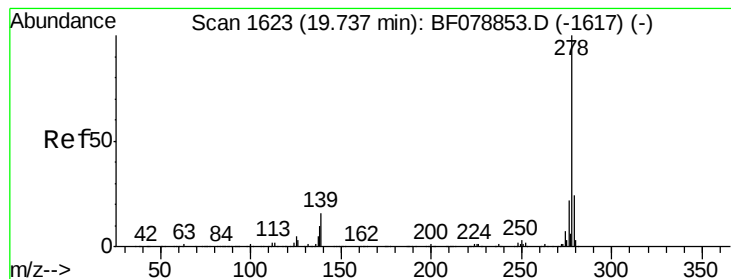


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 44.58 ng

RT: 19.14 min Scan# 1571

Delta R.T. -0.06 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

PB83521BS

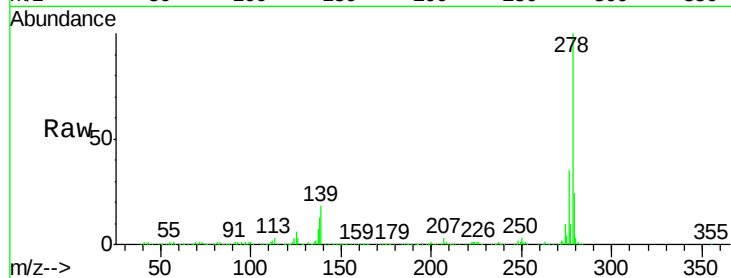
Tot Ion:278 Resp: 594576

Ion Ratio Lower Upper

278 100

139 17.6 13.1 19.7

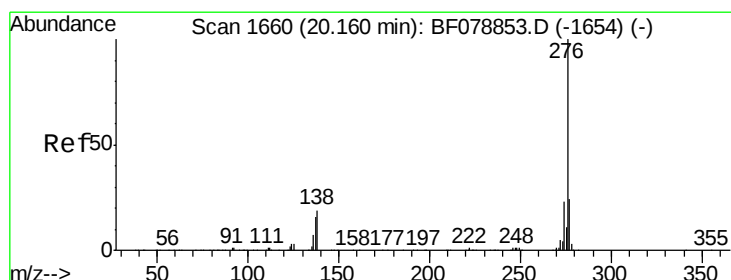
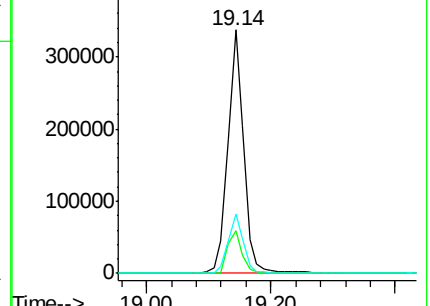
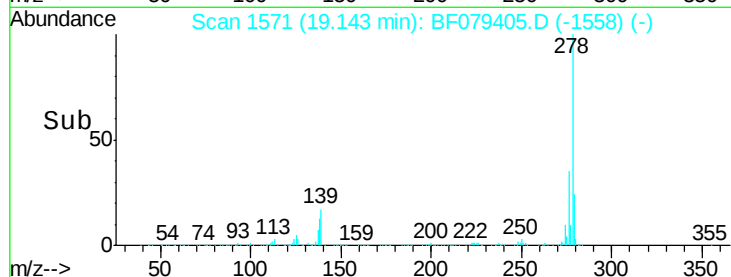
279 24.2 19.1 28.7



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: 44.29 ng

RT: 19.52 min Scan# 1604

Delta R.T. -0.06 min

Lab File: BF079405.D

Acq: 21 May 2015 16:15

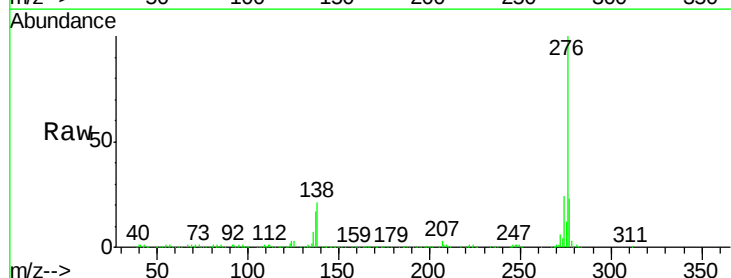
Tgt Ion:276 Resp: 592055

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.6 15.2 22.8



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

