

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
 Data File : BF079584.D
 Acq On : 30 May 2015 4:42
 Operator : TP/IZ
 Sample : G2408-05MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Quant Time: May 30 05:14:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	91306	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	376883	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	184070	20.00	ng	0.00
63) Phenanthrene-d10	12.52	188	326449	20.00	ng	0.00
75) Chrysene-d12	15.79	240	304212	20.00	ng	-0.08
86) Perylene-d12	17.75	264	1575	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	617108	117.23	ng	-0.01
7) Phenol-d6	6.55	99	752524	112.15	ng	0.00
23) Nitrobenzene-d5	7.66	82	463318	71.06	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	226793	112.18	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	873367	67.69	ng	-0.01
78) Terphenyl-d14	14.51	244	881527	68.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	77465	30.93	ng	# 100
3) Pyridine	2.42	79	166395	30.18	ng	97
4) n-Nitrosodimethylamine	2.35	42	88922	32.75	ng	98
6) Aniline	6.54	93	207335	21.77	ng	99
8) 2-Chlorophenol	6.68	128	231051	37.70	ng	98
9) Benzaldehyde	6.40	77	25881	4.80	ng	96
10) Phenol	6.57	94	285106	36.09	ng	93
11) bis(2-Chloroethyl)ether	6.65	93	220405	38.57	ng	93
12) 1,3-Dichlorobenzene	6.87	146	237763	35.02	ng	98
13) 1,4-Dichlorobenzene	6.97	146	246511	35.59	ng	100
14) 1,2-Dichlorobenzene	7.15	146	231383	35.97	ng	100
15) Benzyl Alcohol	7.15	79	188988	38.33	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	304261	36.37	ng	91
17) 2-Methylphenol	7.31	107	181930	37.79	ng	99
18) Hexachloroethane	7.56	117	84485	35.44	ng	94
19) n-Nitroso-di-n-propylamine	7.48	70	164502	34.84	ng	# 93
20) 3+4-Methylphenols	7.51	107	241702	36.53	ng	93
22) Acetophenone	7.47	105	321842	38.12	ng	# 92
24) Nitrobenzene	7.68	77	232020	36.11	ng	# 85
25) Isophorone	7.98	82	420035	35.34	ng	95
26) 2-Nitrophenol	8.07	139	118417	38.92	ng	# 90
27) 2,4-Dimethylphenol	8.15	122	204462	37.39	ng	96
28) bis(2-Chloroethoxy)methane	8.26	93	272818	37.04	ng	98
29) 2,4-Dichlorophenol	8.38	162	200620	40.05	ng	96
30) 1,2,4-Trichlorobenzene	8.47	180	199070	38.31	ng	95
31) Naphthalene	8.56	128	681960	37.70	ng	99
32) Benzoic acid	8.27	122	46766	13.78	ng	94
33) 4-Chloroaniline	8.65	127	185817	24.59	ng	94
34) Hexachlorobutadiene	8.71	225	108577	36.73	ng	98
35) Caprolactam	9.07	113	56839	35.98	ng	# 88
36) 4-Chloro-3-methylphenol	9.27	107	203274	39.12	ng	# 87
37) 2-Methylnaphthalene	9.42	142	498866	39.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	191374	37.17	ng	# 100
40) Hexachlorocyclopentadiene	9.60	237	80601	59.40	ng	99

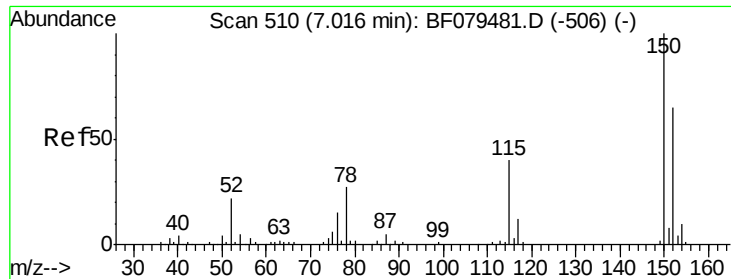
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	125180	34.82	ng	99
43) 2,4,5-Trichlorophenol	9.83	196	135947	37.99	ng #	90
45) 1,1'-Biphenyl	10.00	154	540137	37.57	ng	99
46) 2-Chloronaphthalene	10.01	162	412433	36.32	ng	99
47) 2-Nitroaniline	10.16	65	119067	35.27	ng #	54
48) Acenaphthylene	10.51	152	656064	34.81	ng	99
49) Dimethylphthalate	10.40	163	547916	40.40	ng	99
50) 2,6-Dinitrotoluene	10.47	165	101584	37.49	ng #	79
51) Acenaphthene	10.73	154	424562	39.39	ng	98
52) 3-Nitroaniline	10.67	138	99845	28.33	ng #	72
53) 2,4-Dinitrophenol	10.82	184	32327	40.57	ng #	89
54) Dibenzofuran	10.95	168	598146	37.63	ng	98
55) 4-Nitrophenol	10.95	139	374805	191.77	ng #	15
56) 2,4-Dinitrotoluene	10.97	165	128250	35.29	ng #	72
57) Fluorene	11.37	166	504985	38.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.11	232	101518	38.98	ng #	100
59) Diethylphthalate	11.27	149	469810	35.39	ng	98
60) 4-Chlorophenyl-phenylether	11.38	204	205902	36.37	ng	97
61) 4-Nitroaniline	11.43	138	104268	31.76	ng	81
62) Azobenzene	11.58	77	438305	33.94	ng	98
64) 4,6-Dinitro-2-methylphenol	11.47	198	47902	31.79	ng #	76
65) n-Nitrosodiphenylamine	11.53	169	393994	36.34	ng	98
66) 4-Bromophenyl-phenylether	11.99	248	131992	39.26	ng	95
67) Hexachlorobenzene	12.04	284	144993	37.83	ng #	89
68) Atrazine	12.22	200	119975	40.96	ng	98
69) Pentachlorophenol	12.30	266	109060	74.28	ng	97
70) Phenanthrene	12.56	178	876184	48.92	ng	100
71) Anthracene	12.62	178	683013	37.56	ng	99
72) Carbazole	12.83	167	608860	34.78	ng	97
73) Di-n-butylphthalate	13.29	149	740476	37.50	ng	99
74) Fluoranthene	14.02	202	775955	40.40	ng	96
76) Benzidine	14.22	184	279500	42.90	ng	98
77) Pyrene	14.30	202	818620	43.44	ng	99
79) Butylbenzylphthalate	15.14	149	307095	36.23	ng #	87
80) Benzo(a)anthracene	15.78	228	666379	38.08	ng	99
81) 3,3'-Dichlorobenzidine	15.77	252	189377	29.55	ng	99
82) Chrysene	15.83	228	611921	36.79	ng	99
83) Bis(2-ethylhexyl)phthalate	15.85	149	456951	37.63	ng #	100
84) Di-n-octyl phthalate	16.63	149	772977	36.57	ng	99
85) Indeno(1,2,3-cd)pyrene	19.11	276	648762	30.32	ng	94
87) Benzo(b)fluoranthene	17.15	252	22611	251.72	ng #	89
88) Benzo(k)fluoranthene	17.35	252	37191	462.98	ng #	95
89) Benzo(a)pyrene	17.66	252	451	3.97	ng #	49
90) Dibenzo(a,h)anthracene	19.20	278	2601	31.09	ng #	52

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

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SB-23DMS

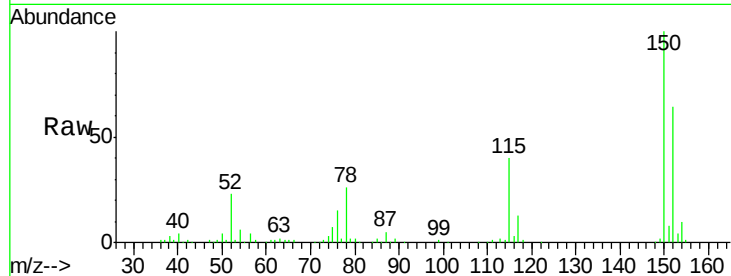
Tgt Ion:152 Resp: 91306

Ion Ratio Lower Upper

152 100

150 156.5 124.0 186.0

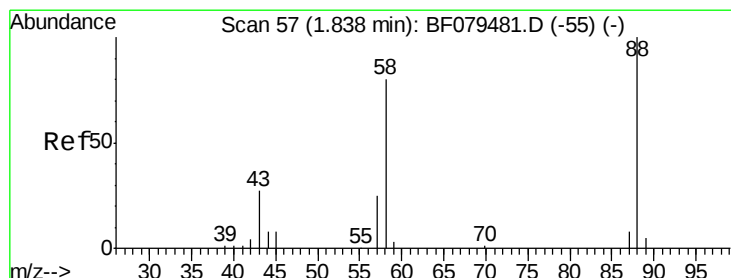
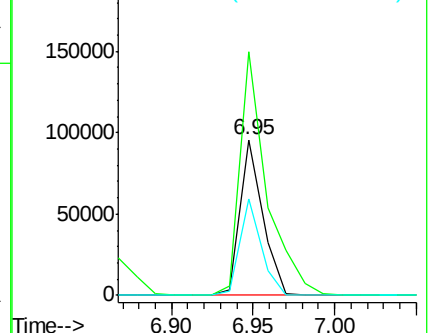
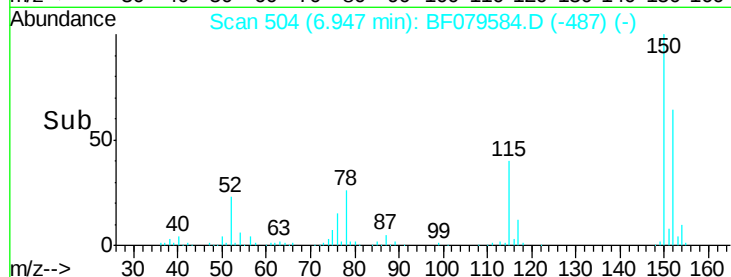
115 62.4 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.93 ng

RT: 1.79 min Scan# 53

Delta R.T. 0.02 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

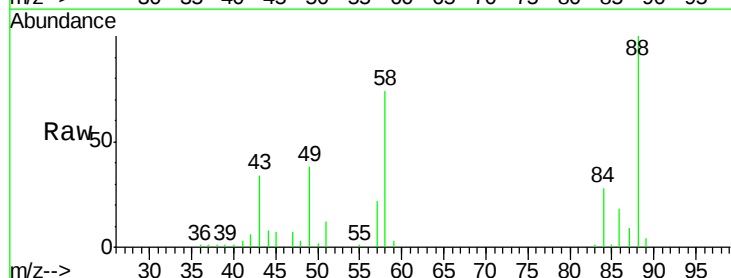
Tgt Ion: 88 Resp: 77465

Ion Ratio Lower Upper

88 100

58 80.1 0.0 0.0#

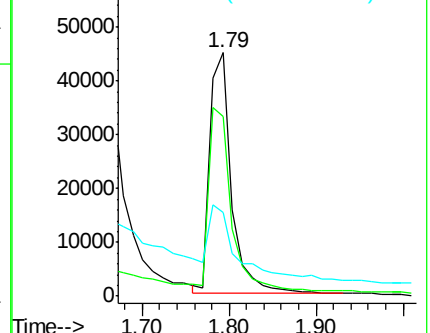
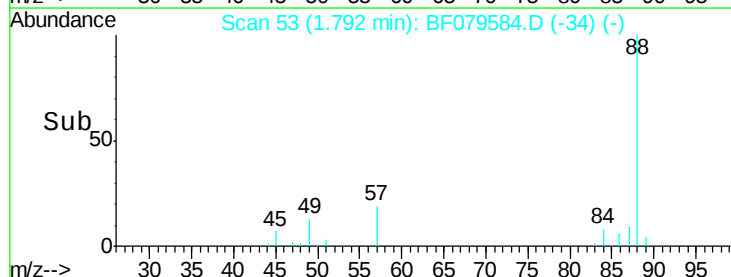
43 43.0 0.0 0.0#

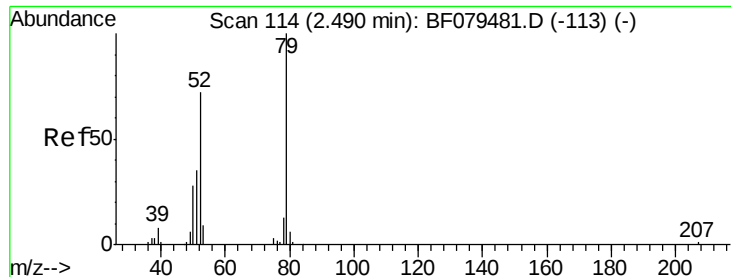


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.18 ng

RT: 2.42 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

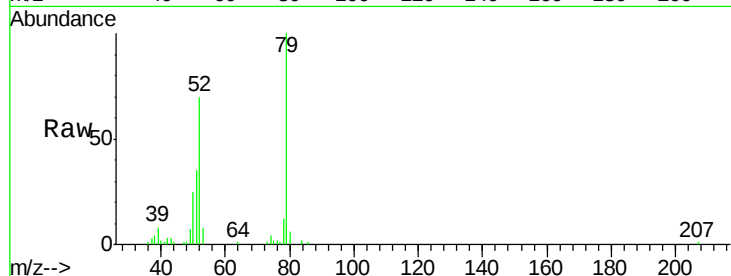
Tgt Ion: 79 Resp: 166395

Ion Ratio Lower Upper

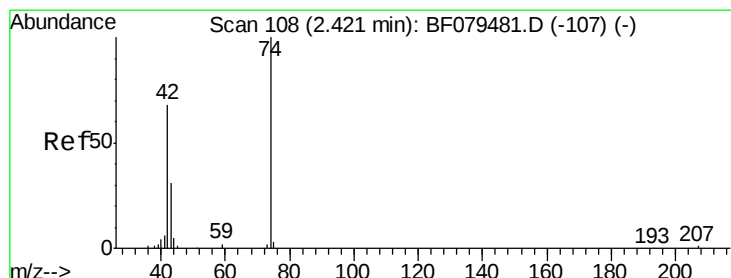
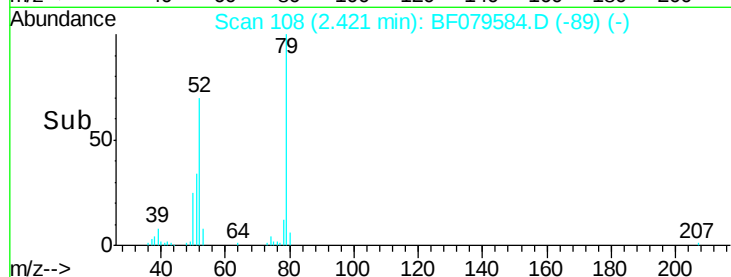
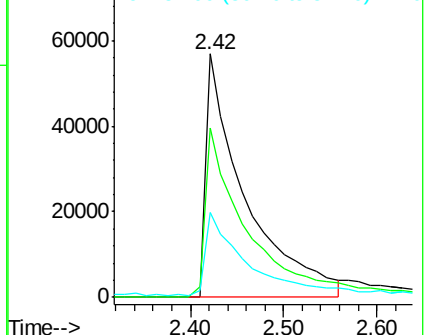
79 100

52 69.6 57.4 86.2

51 35.0 29.4 44.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.75 ng

RT: 2.35 min Scan# 102

Delta R.T. 0.02 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

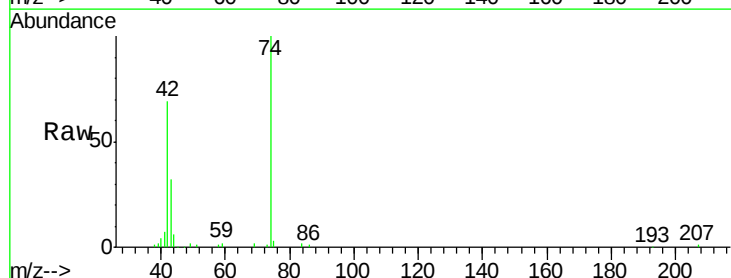
Tgt Ion: 42 Resp: 88922

Ion Ratio Lower Upper

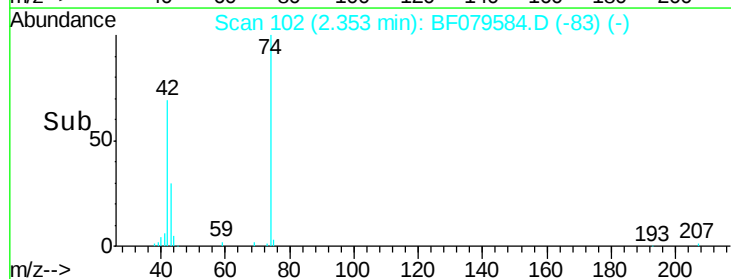
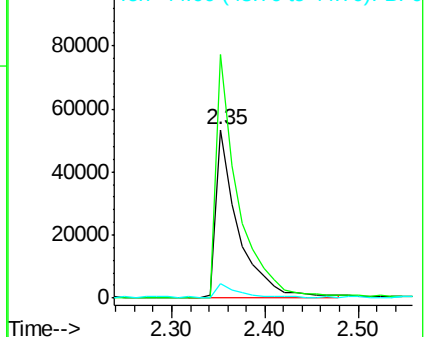
42 100

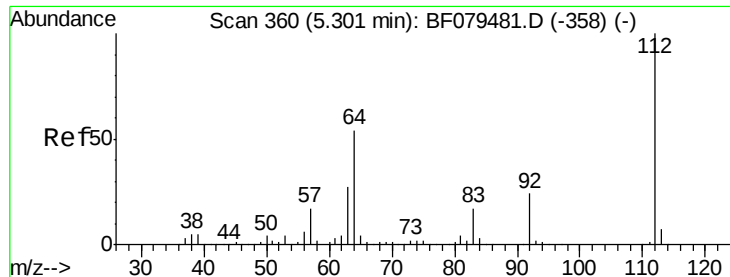
74 144.3 117.6 176.4

44 8.3 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.23 ng

RT: 5.22 min Scan# 353

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

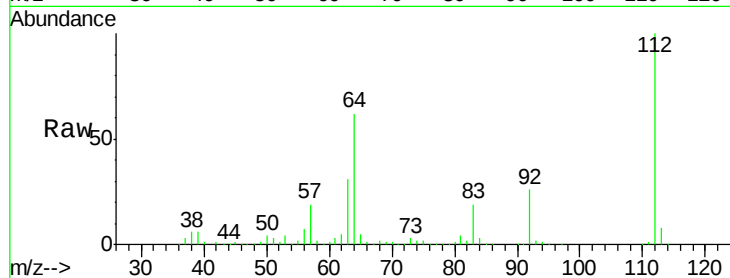
Tgt Ion: 112 Resp: 617108

Ion Ratio Lower Upper

112 100

64 62.1 43.5 65.3

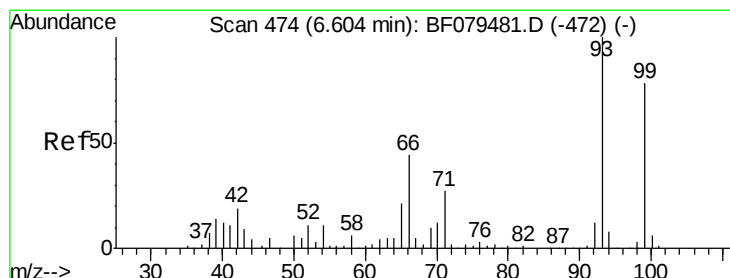
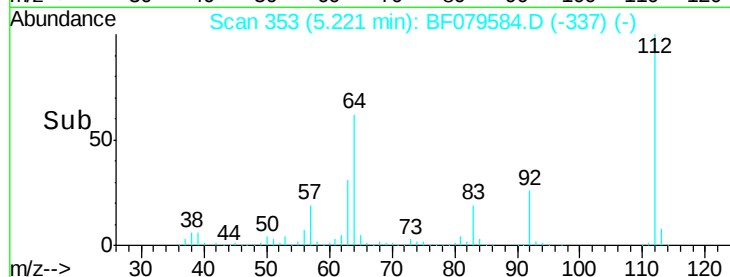
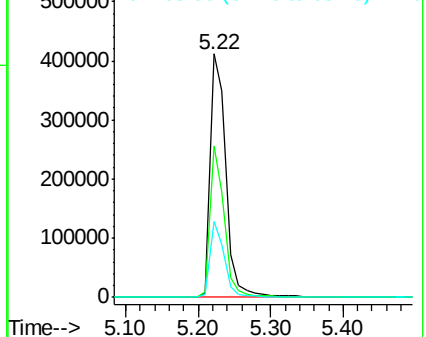
63 31.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.77 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

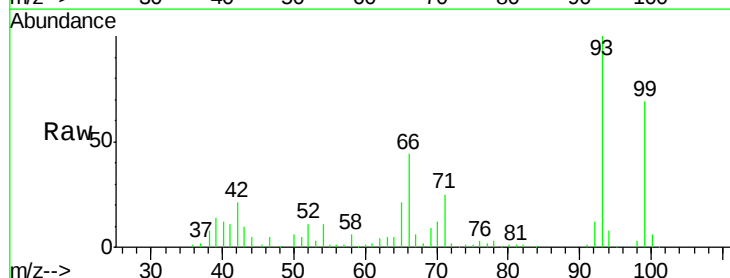
Tgt Ion: 93 Resp: 207335

Ion Ratio Lower Upper

93 100

66 44.3 34.8 52.2

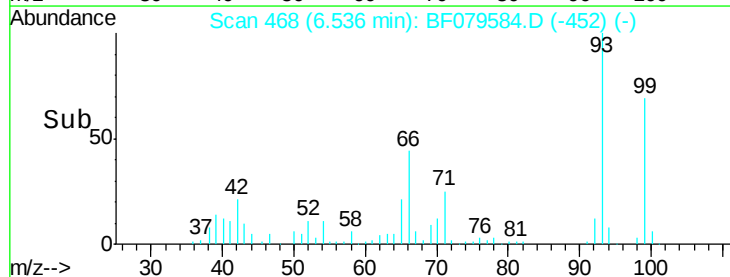
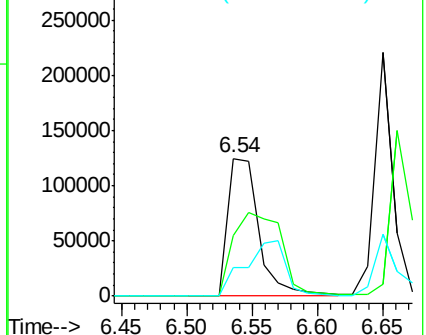
65 20.9 16.7 25.1

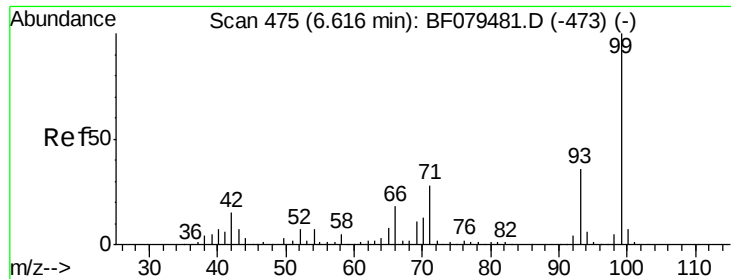


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.15 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

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ClientSampleId :

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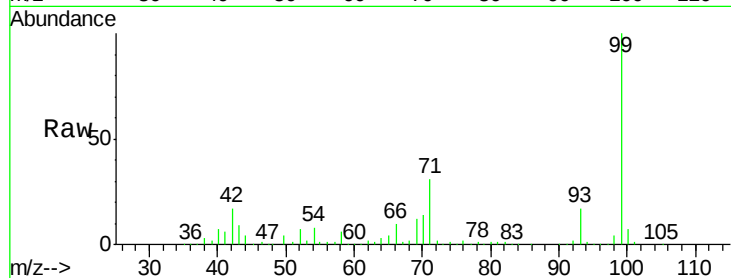
Tgt Ion: 99 Resp: 752524

Ion Ratio Lower Upper

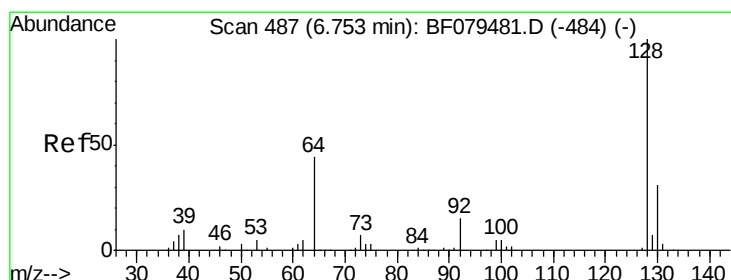
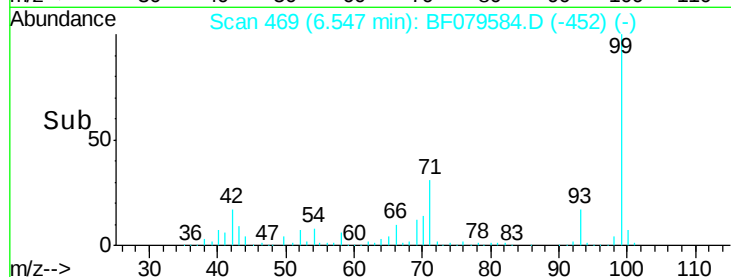
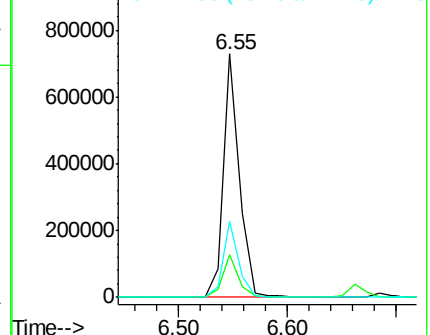
99 100

42 17.4 11.9 17.9

71 31.3 22.1 33.1



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



#8

2-Chlorophenol

Concen: 37.70 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

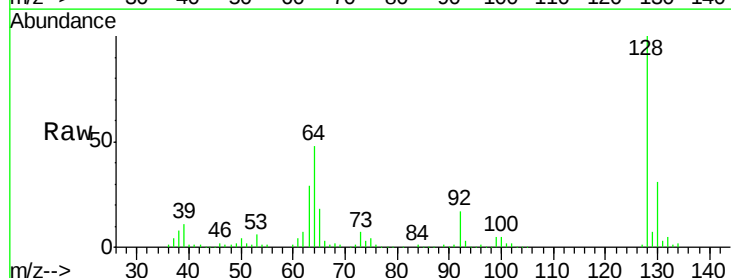
Tgt Ion: 128 Resp: 231051

Ion Ratio Lower Upper

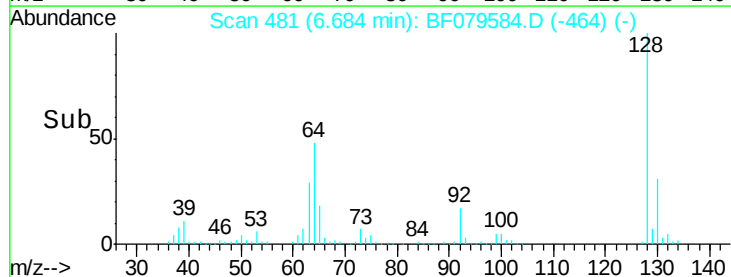
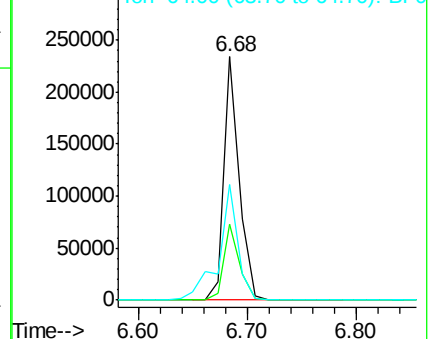
128 100

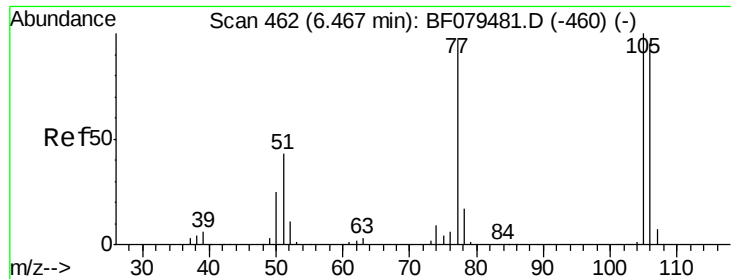
130 31.2 11.4 51.4

64 47.6 25.9 65.9



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





#9

Benzaldehyde

Concen: 4.80 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

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SB-23DMS

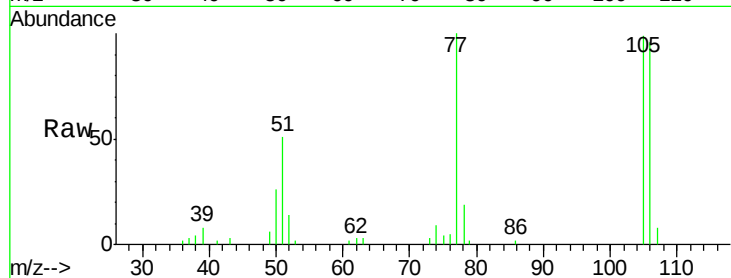
Tgt Ion: 77 Resp: 25881

Ion Ratio Lower Upper

77 100

105 98.8 83.3 123.3

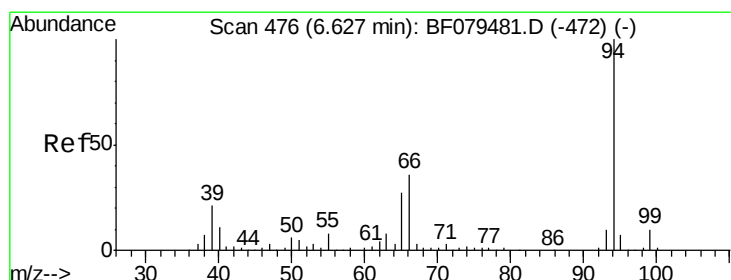
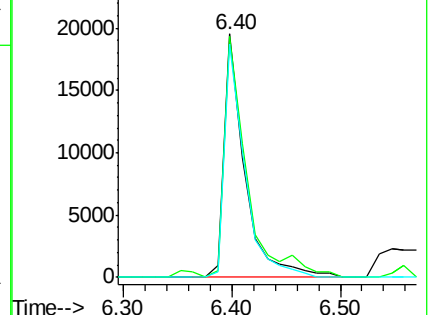
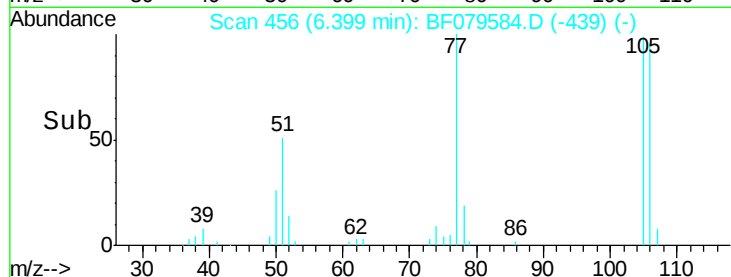
106 95.7 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.09 ng

RT: 6.57 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

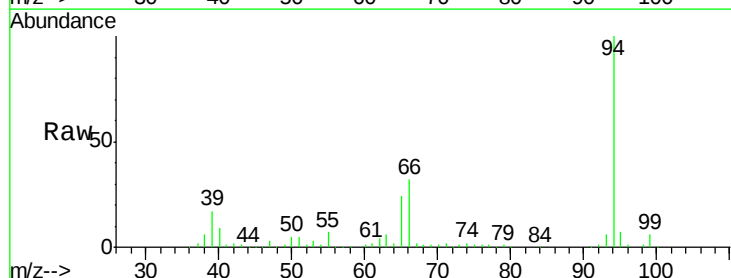
Tgt Ion: 94 Resp: 285106

Ion Ratio Lower Upper

94 100

65 24.0 7.2 47.2

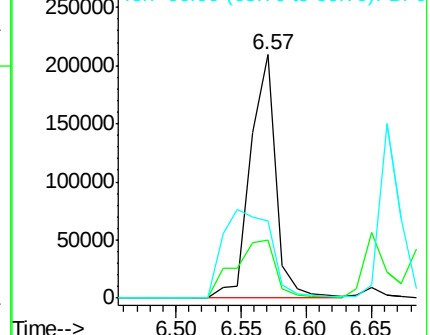
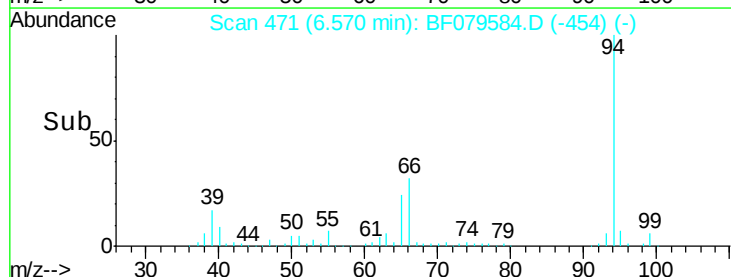
66 31.6 16.2 56.2

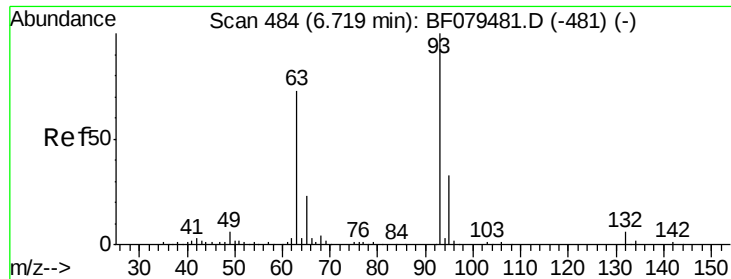


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

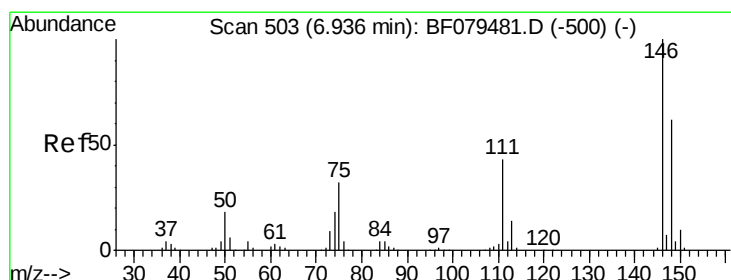
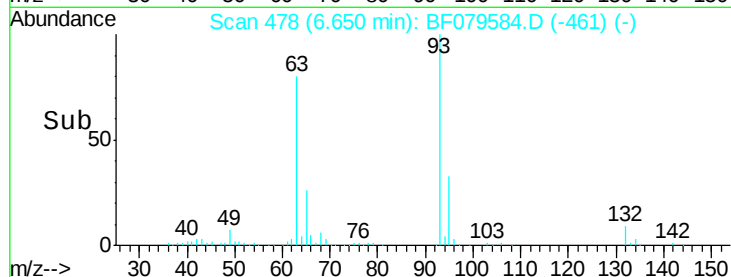
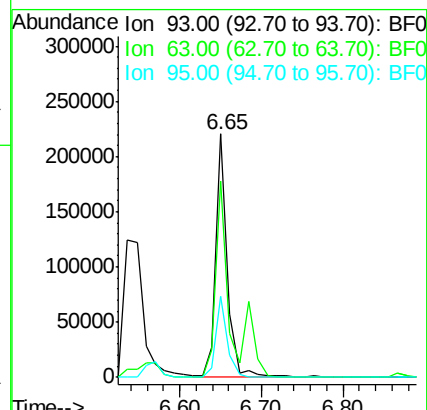
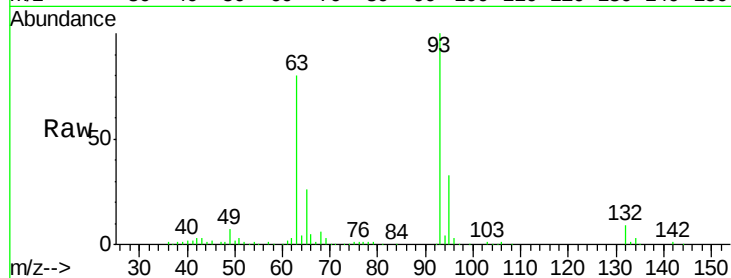




#11
bis(2-Chloroethyl)ether
Concen: 38.57 ng
RT: 6.65 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

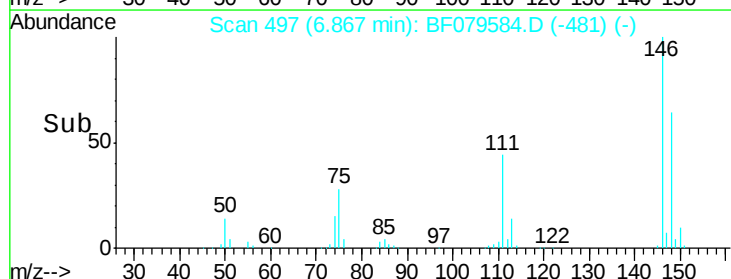
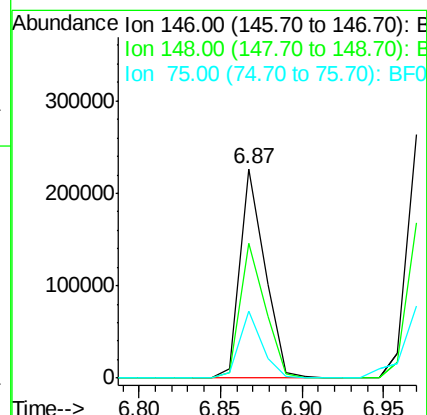
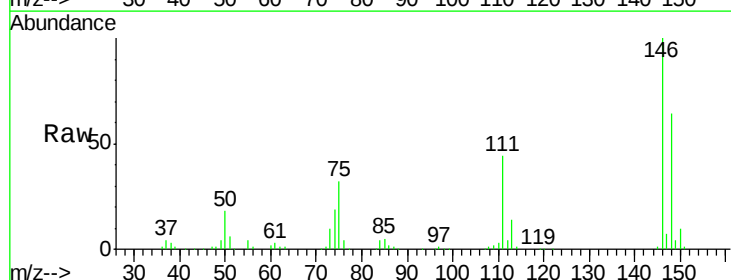
Instrument :
BNA_F
ClientSampled :
SB-23DMS

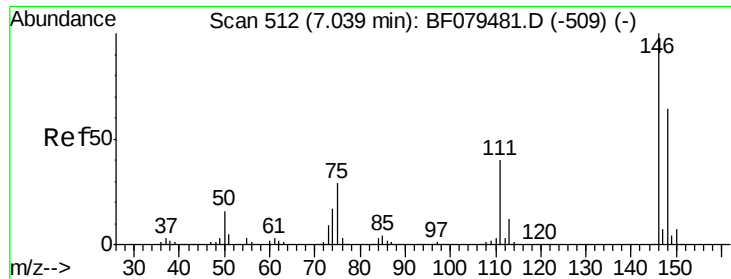
Tgt Ion: 93 Resp: 220405
Ion Ratio Lower Upper
93 100
63 80.5 51.8 91.8
95 33.2 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 35.02 ng
RT: 6.87 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion: 146 Resp: 237763
Ion Ratio Lower Upper
146 100
148 64.3 49.6 74.4
75 32.1 25.9 38.9

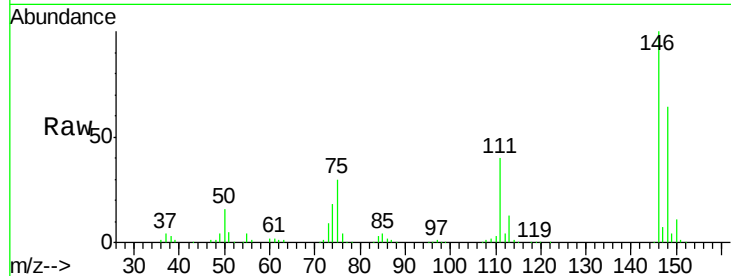




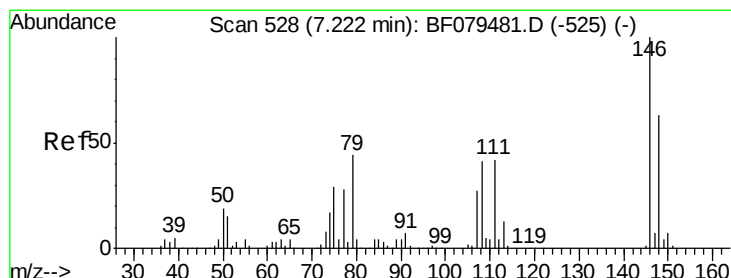
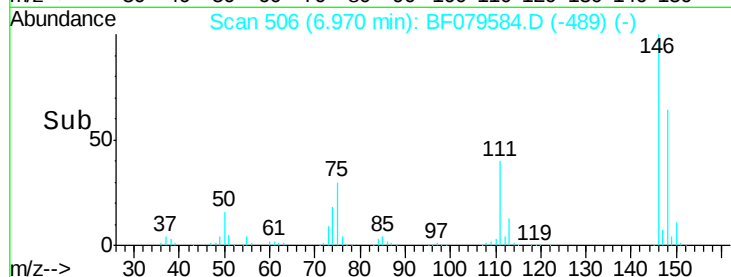
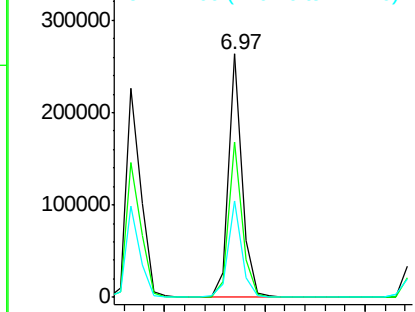
#13
 1,4-Dichlorobenzene
 Concen: 35.59 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Tgt Ion:146 Resp: 246511
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.3 76.9
 111 39.8 31.8 47.8

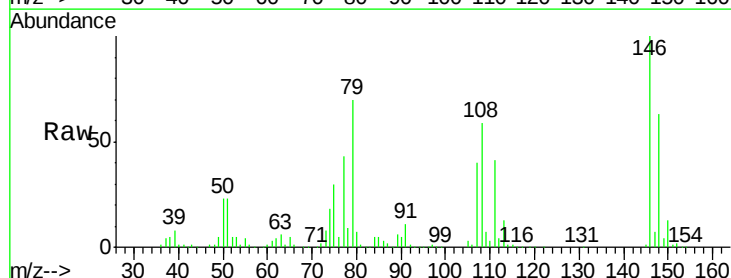


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

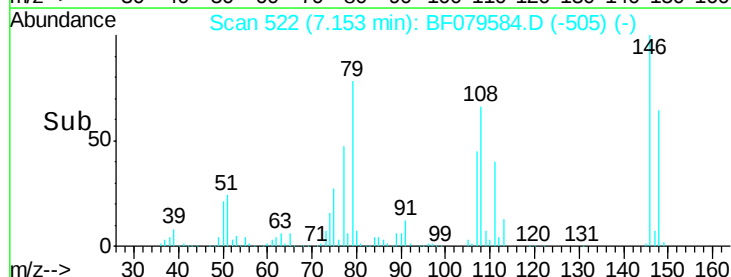
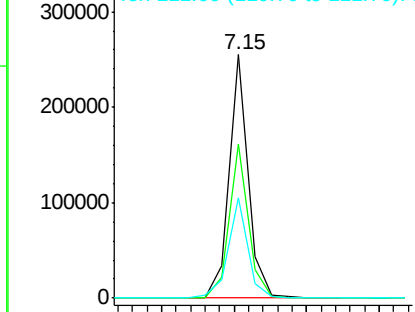


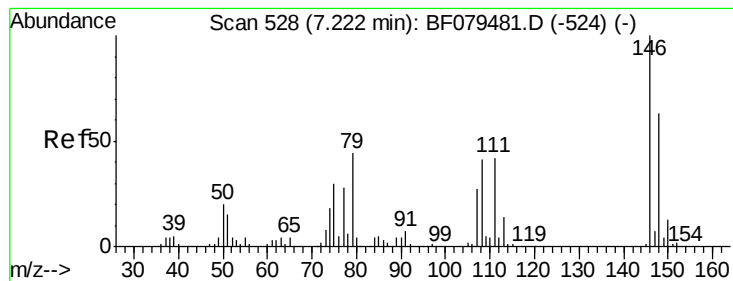
#14
 1,2-Dichlorobenzene
 Concen: 35.97 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:146 Resp: 231383
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 41.1 33.2 49.8



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





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.15 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

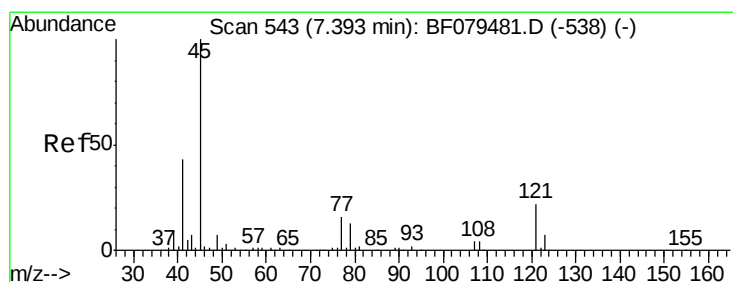
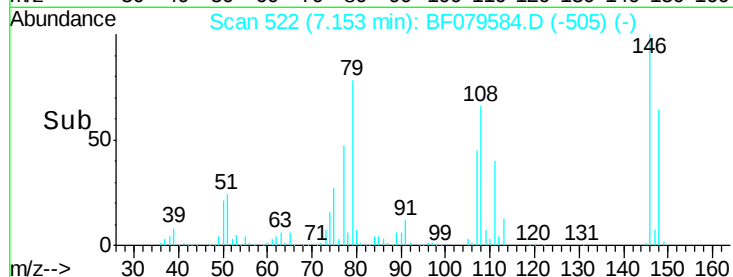
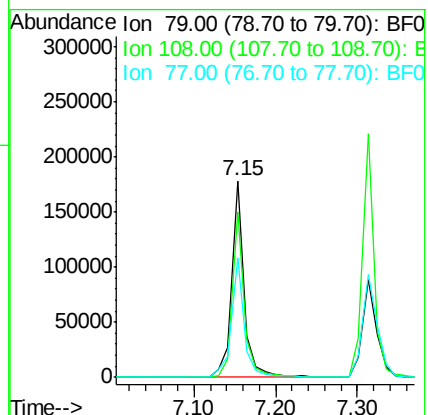
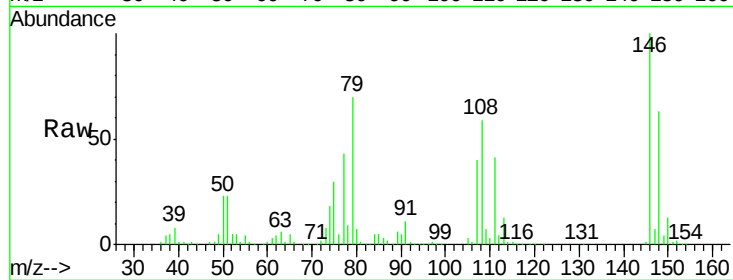
Tgt Ion: 79 Resp: 188988

Ion Ratio Lower Upper

79 100

108 84.5 73.7 110.5

77 61.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.37 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

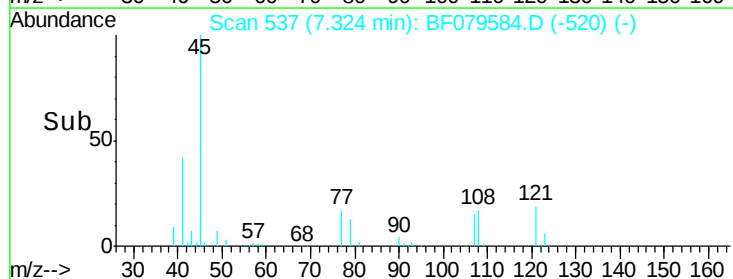
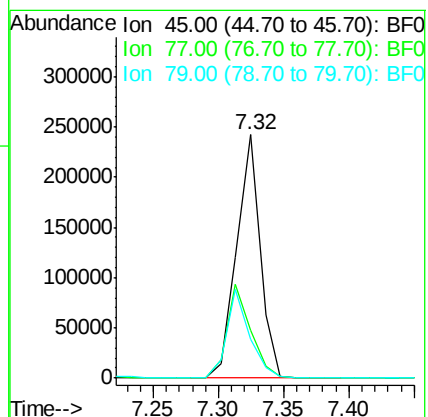
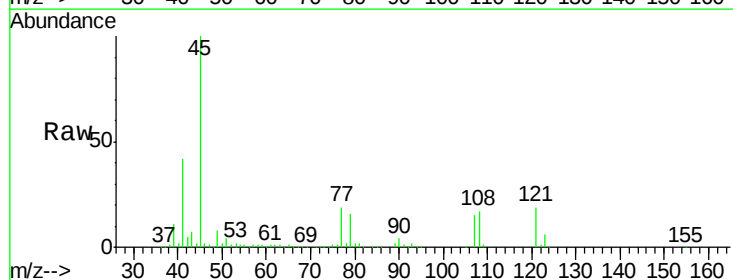
Tgt Ion: 45 Resp: 304261

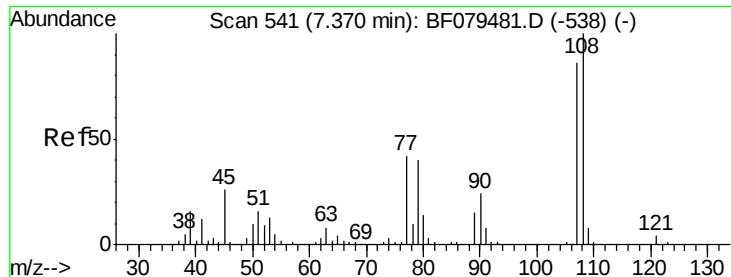
Ion Ratio Lower Upper

45 100

77 19.5 0.0 35.5

79 16.2 0.0 32.8





#17

2-Methylphenol

Concen: 37.79 ng

RT: 7.31 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

Tgt Ion:107 Resp: 181930

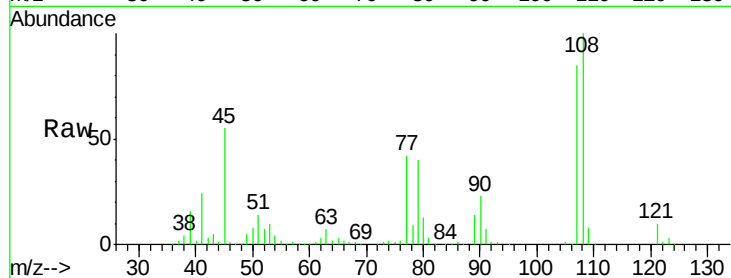
Ion Ratio Lower Upper

107 100

108 117.9 93.1 139.7

77 49.8 39.2 58.8

79 47.2 37.8 56.8

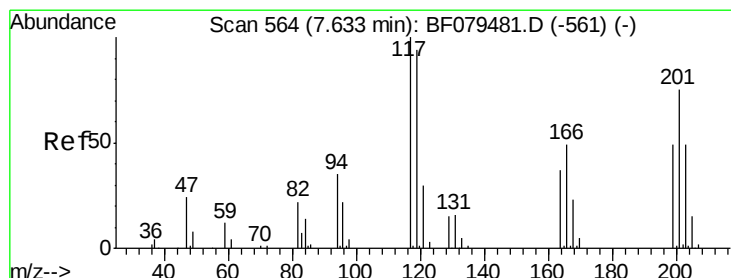
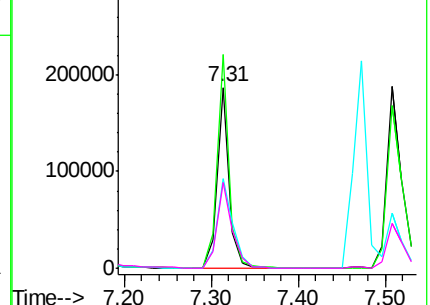
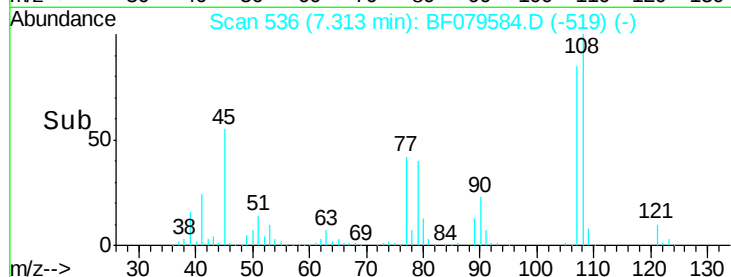


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.44 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

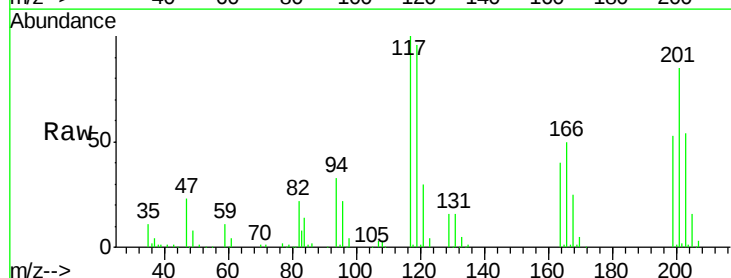
Tgt Ion:117 Resp: 84485

Ion Ratio Lower Upper

117 100

119 96.1 74.9 112.3

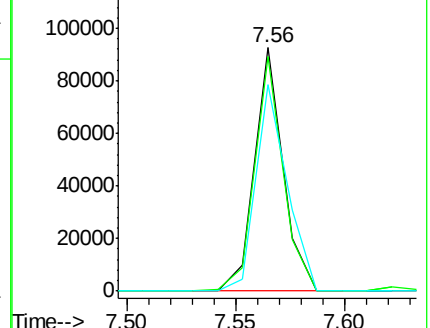
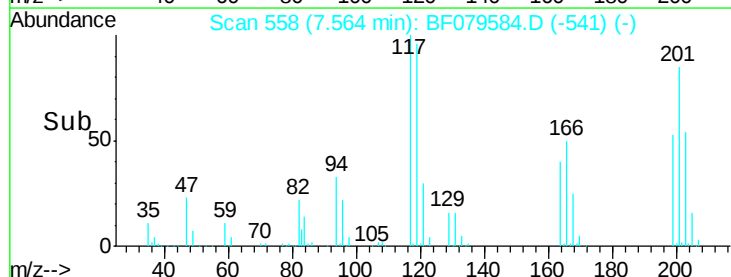
201 84.9 60.2 90.4

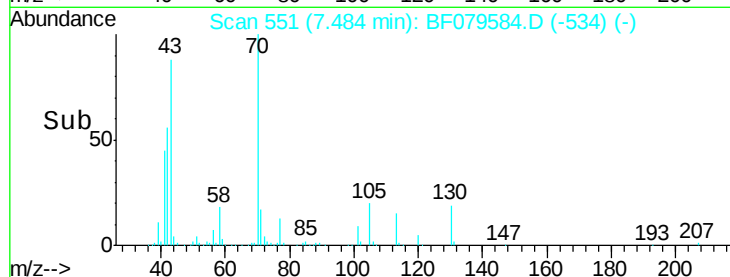
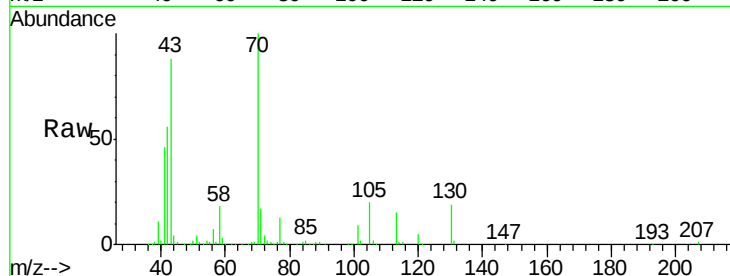
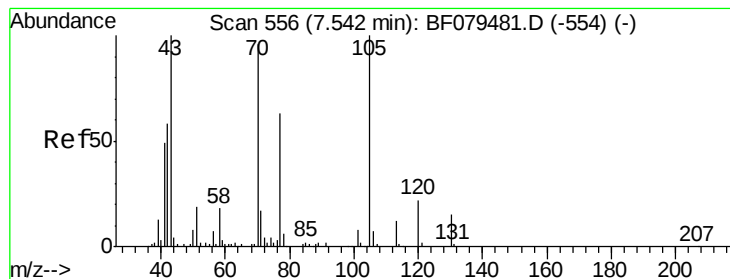


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.84 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

Tgt Ion: 70 Resp: 164502

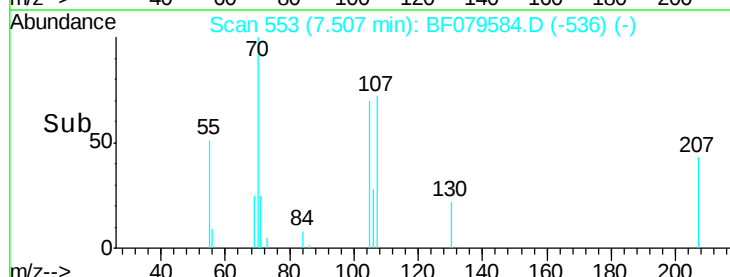
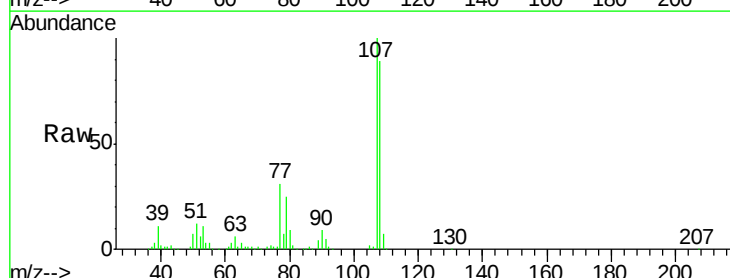
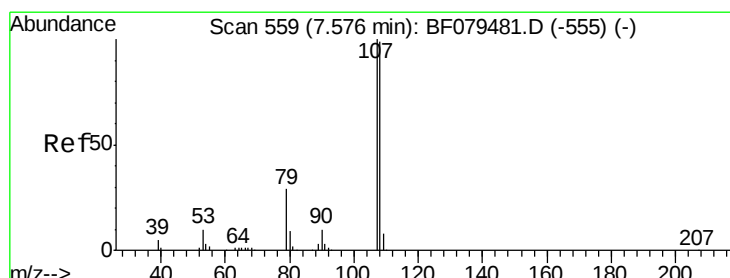
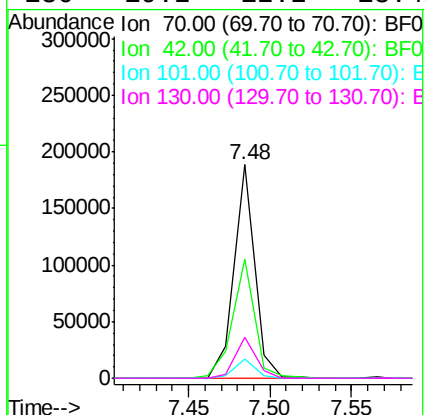
Ion Ratio Lower Upper

70 100

42 55.5 48.8 73.2

101 9.3 6.6 9.8

130 19.2 12.2 18.4#



#20

3+4-Methylphenols

Concen: 36.53 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Tgt Ion: 107 Resp: 241702

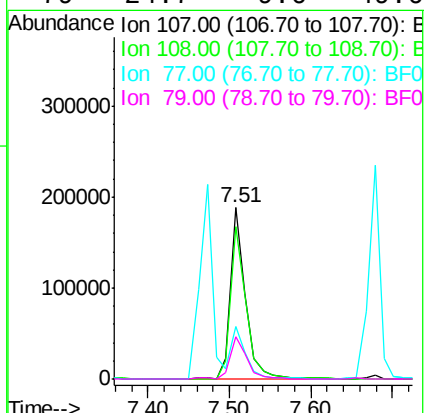
Ion Ratio Lower Upper

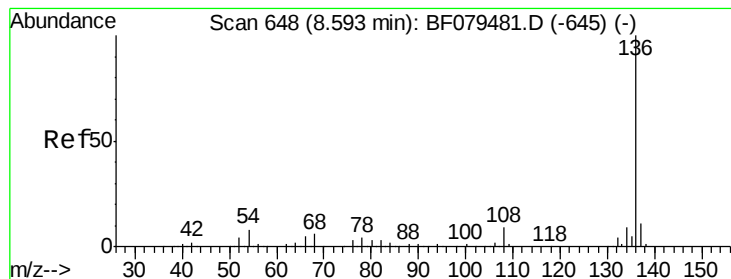
107 100

108 89.2 77.7 117.7

77 30.5 11.4 51.4

79 24.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

Tgt Ion:136 Resp: 376883

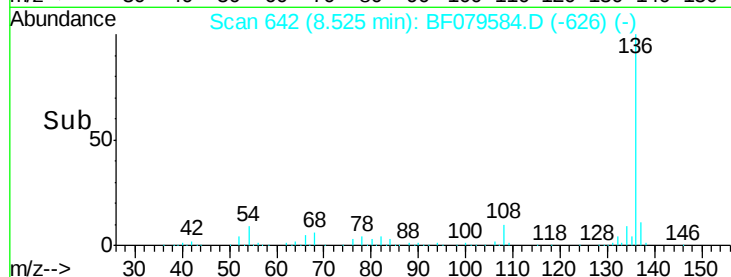
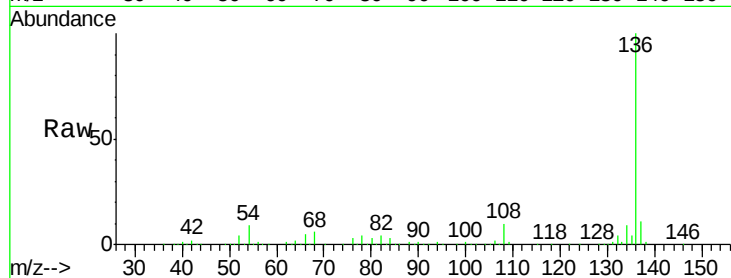
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.7 6.6 9.8

68 6.4 4.7 7.1

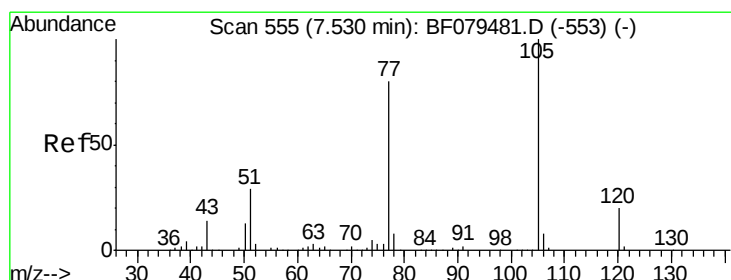
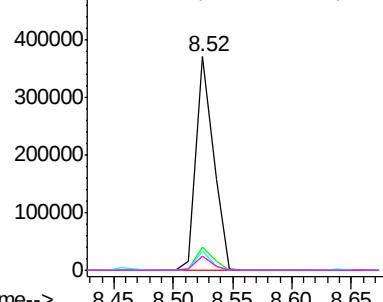


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.12 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Tgt Ion:105 Resp: 321842

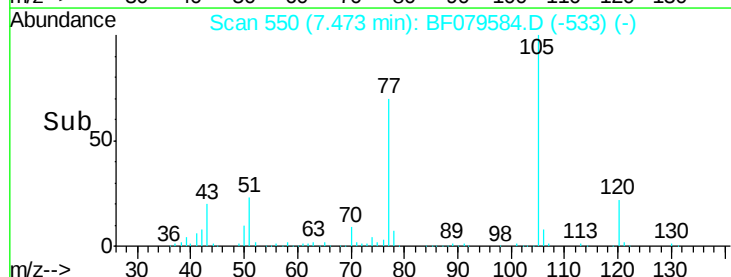
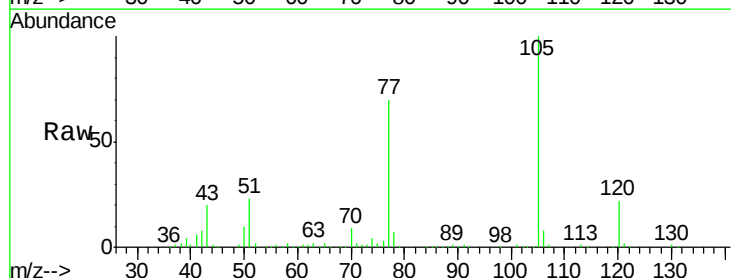
Ion Ratio Lower Upper

105 100

71 1.7 0.2 0.4#

51 23.3 23.7 35.5#

120 21.7 16.2 24.4

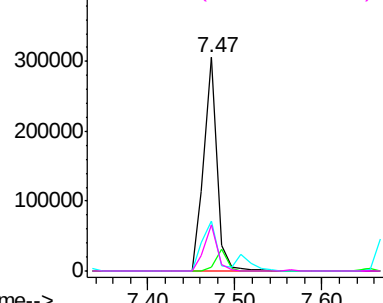


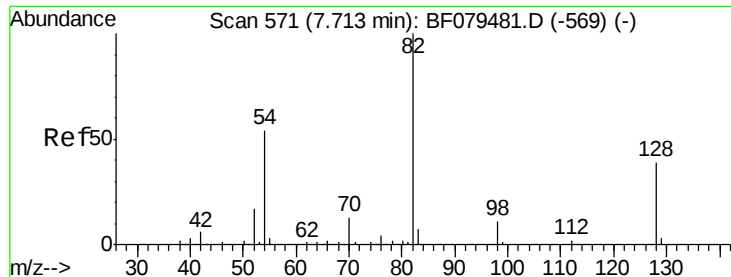
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

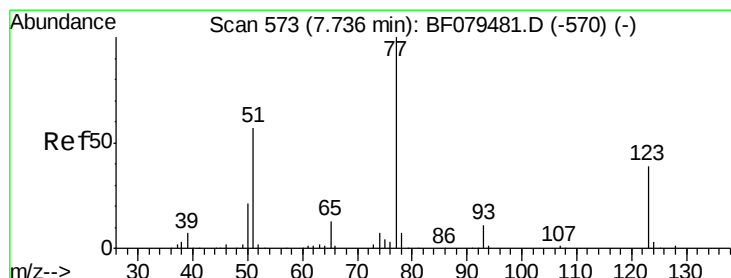
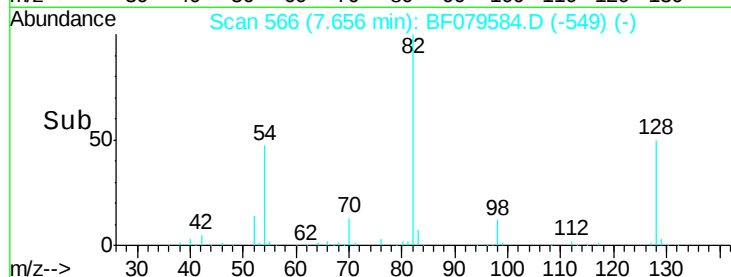
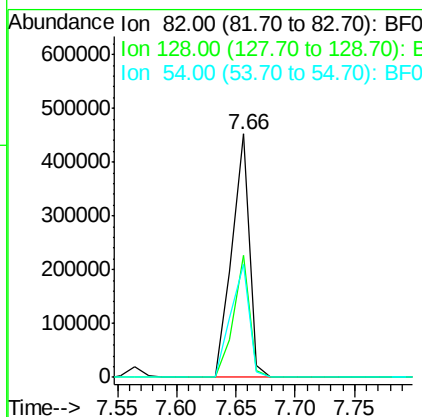
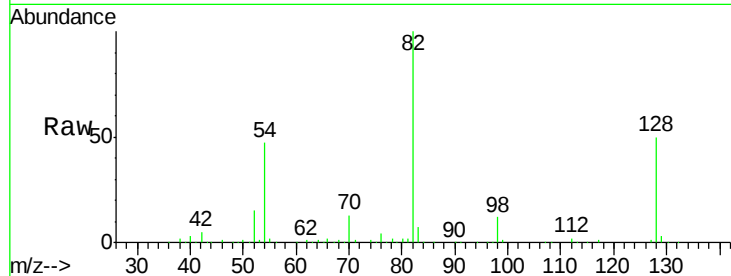




#23
 Nitrobenzene-d5
 Concen: 71.06 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

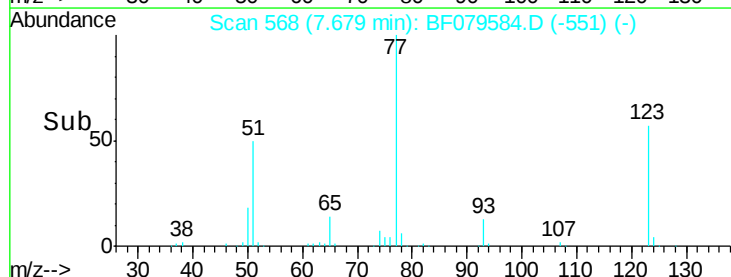
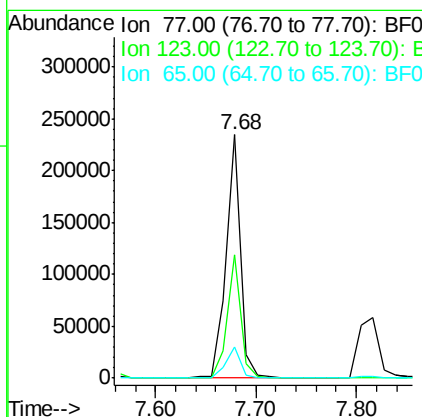
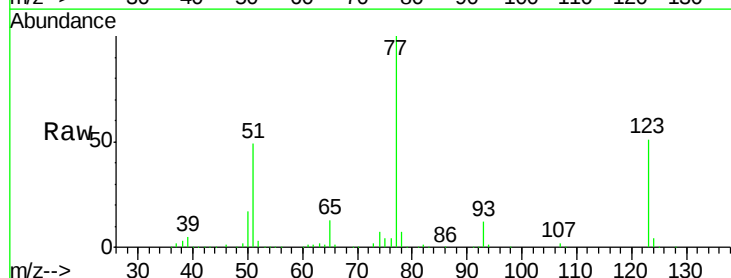
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

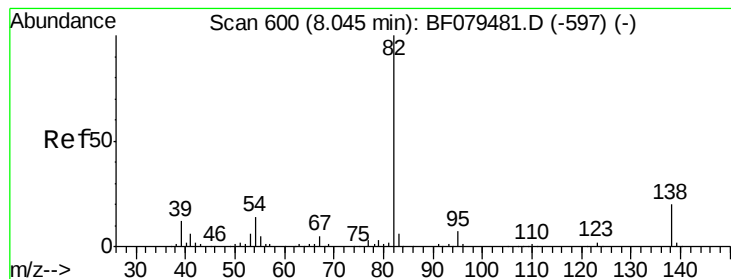
Tgt Ion: 82 Resp: 463318
 Ion Ratio Lower Upper
 82 100
 128 50.0 30.8 46.2#
 54 46.5 42.8 64.2



#24
 Nitrobenzene
 Concen: 36.11 ng
 RT: 7.68 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion: 77 Resp: 232020
 Ion Ratio Lower Upper
 77 100
 123 50.8 31.0 46.4#
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 35.34 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

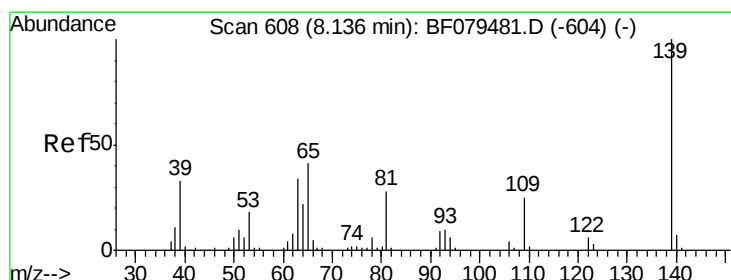
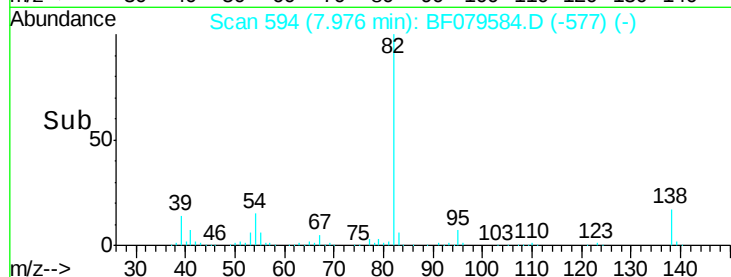
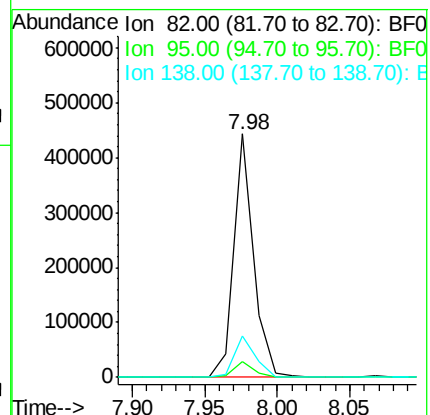
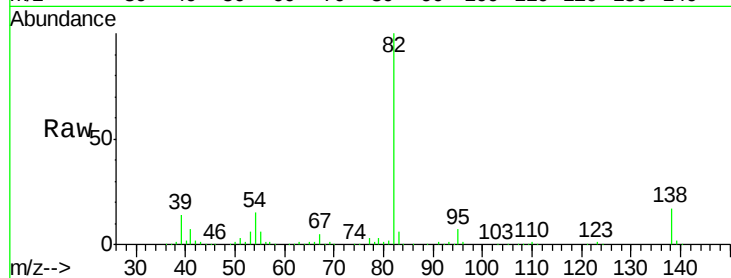
Tgt Ion: 82 Resp: 420035

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.1 16.1 24.1



#26

2-Nitrophenol

Concen: 38.92 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

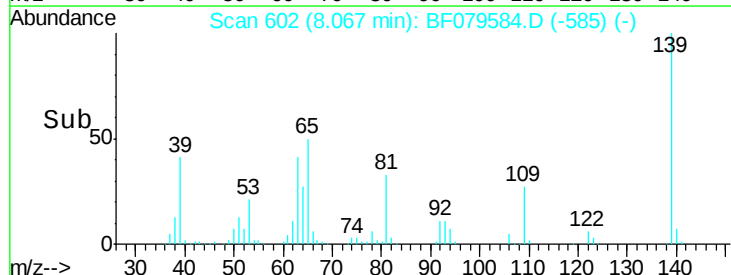
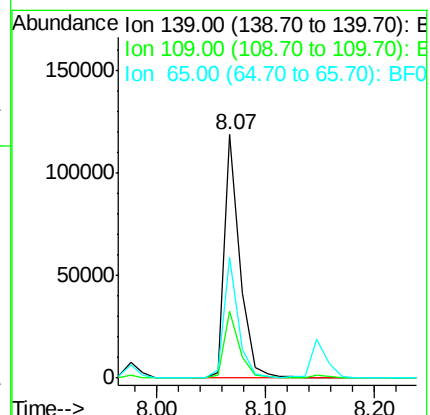
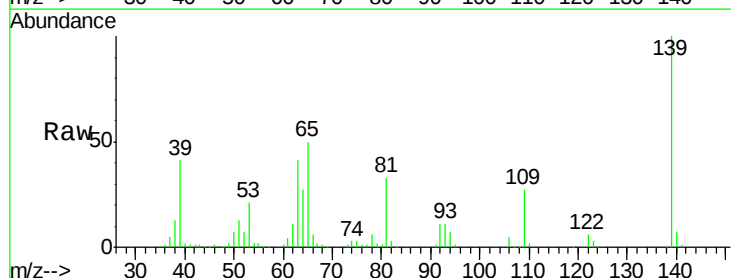
Tgt Ion: 139 Resp: 118417

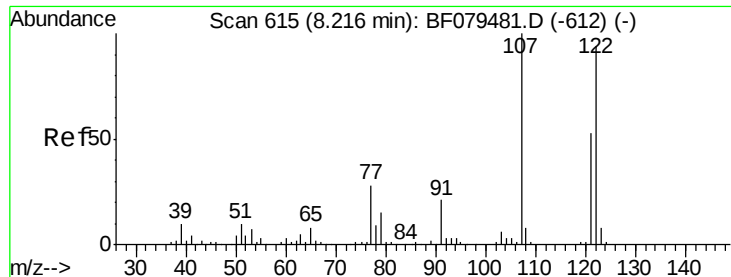
Ion Ratio Lower Upper

139 100

109 27.3 20.2 30.2

65 49.5 32.5 48.7#

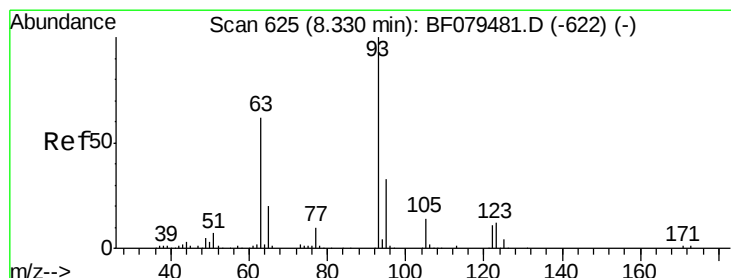
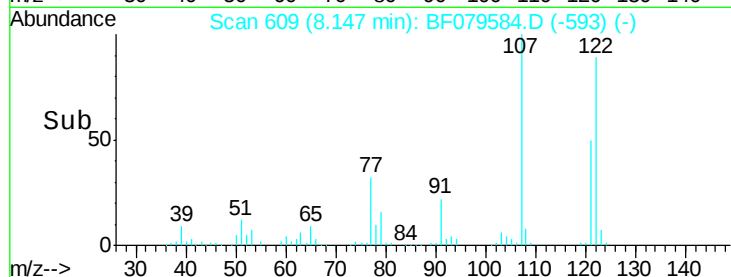
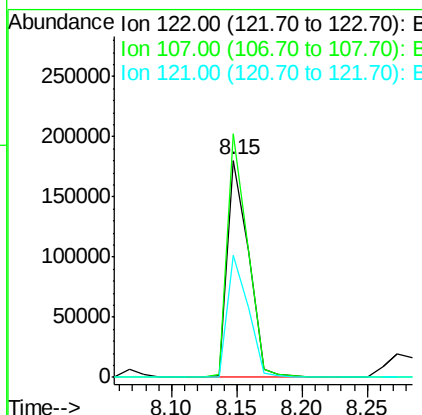
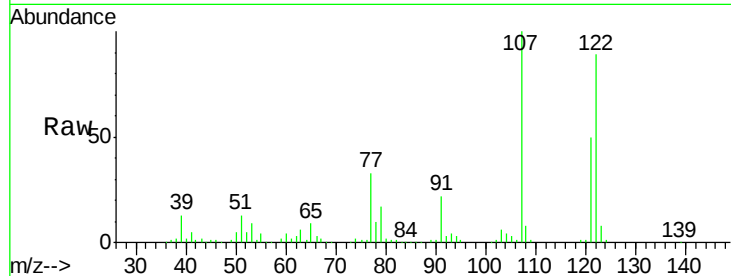




#27
 2,4-Dimethylphenol
 Concen: 37.39 ng
 RT: 8.15 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

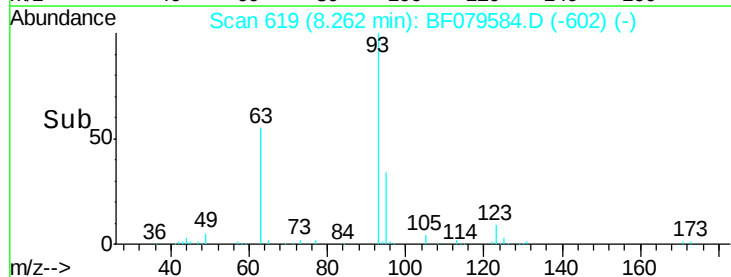
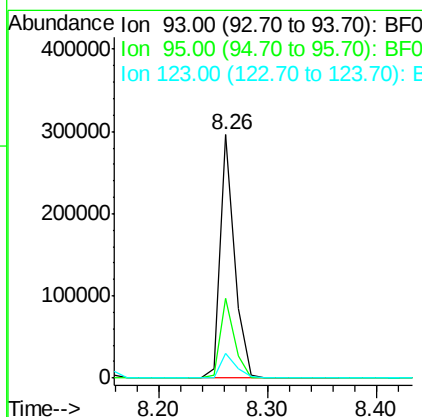
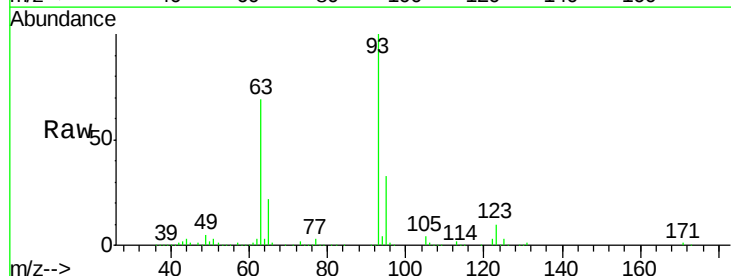
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

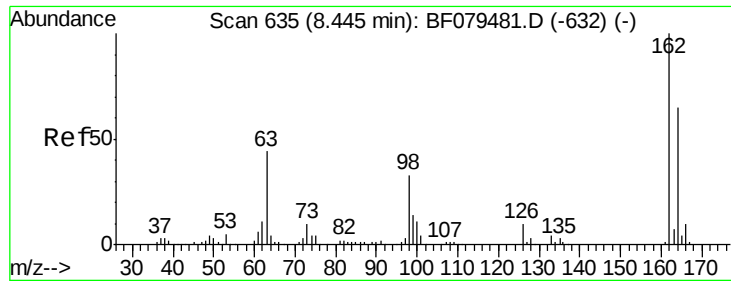
Tgt Ion: 122 Resp: 204462
 Ion Ratio Lower Upper
 122 100
 107 112.2 85.2 127.8
 121 56.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.04 ng
 RT: 8.26 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion: 93 Resp: 272818
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 10.0 9.4 14.0

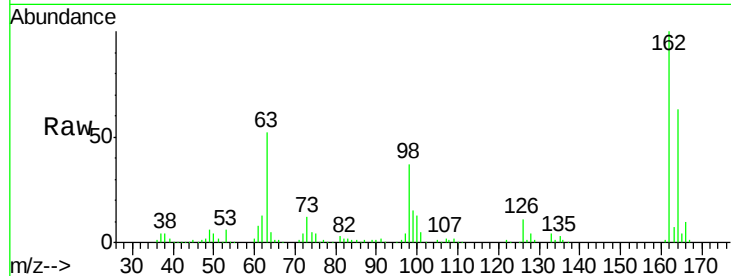




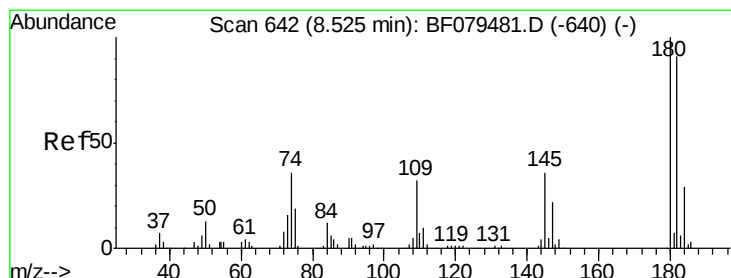
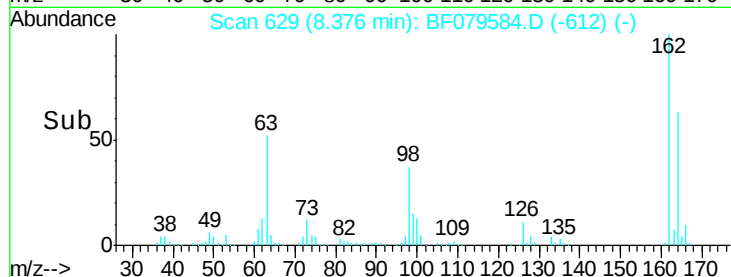
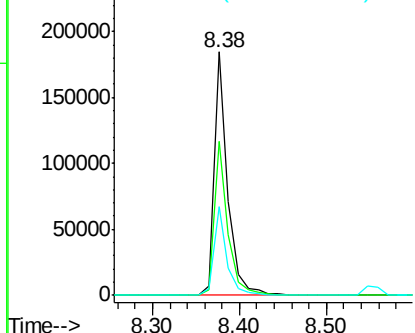
#29
 2,4-Dichlorophenol
 Concen: 40.05 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleID :
 SB-23DMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.0	85.0
98	36.7	13.2	53.2

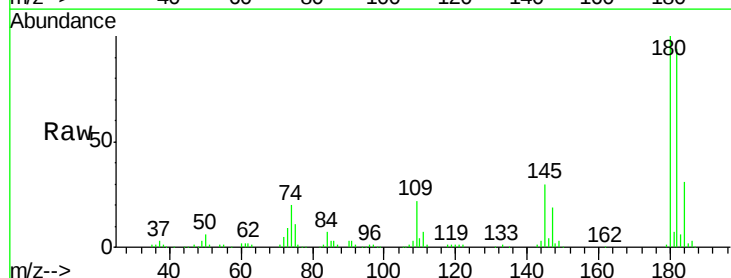


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

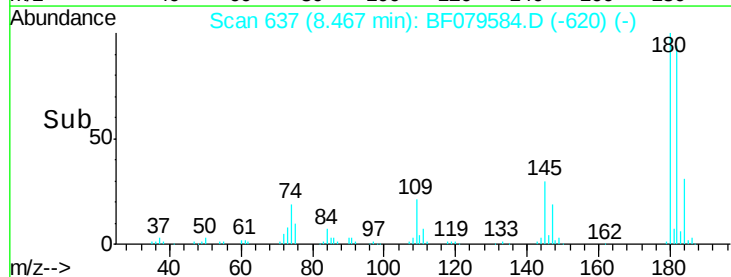
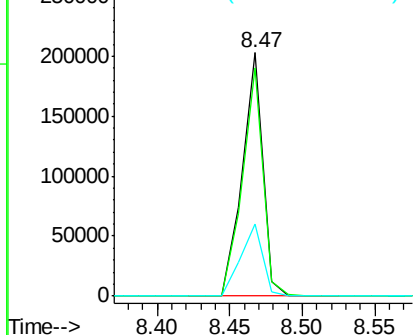


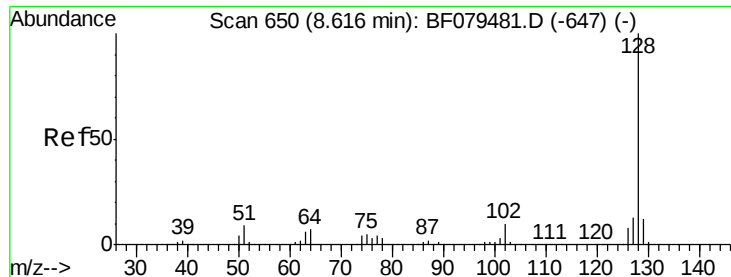
#30
 1,2,4-Trichlorobenzene
 Concen: 38.31 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	73.2	109.8
145	29.6	28.9	43.3



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

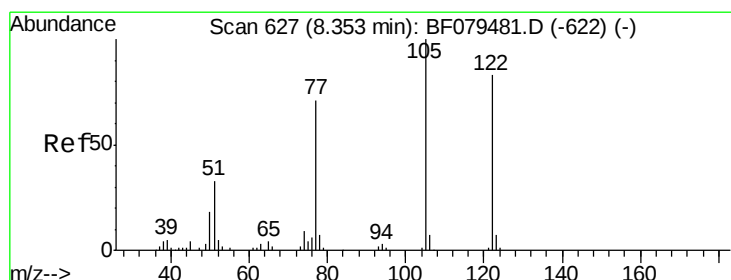
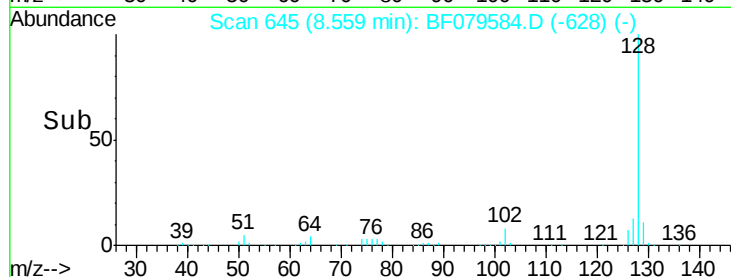
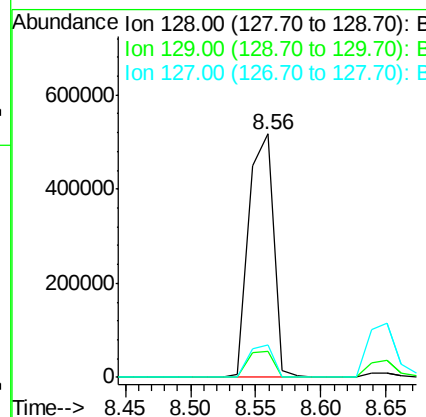
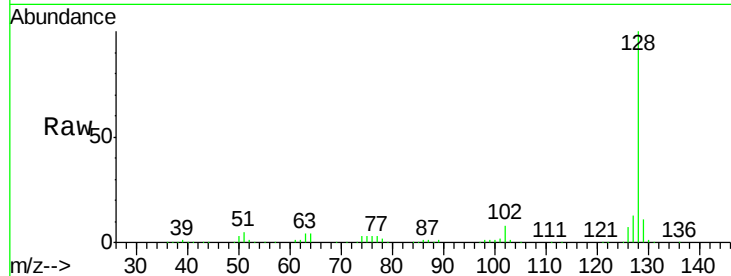




#31
Naphthalene
Concen: 37.70 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

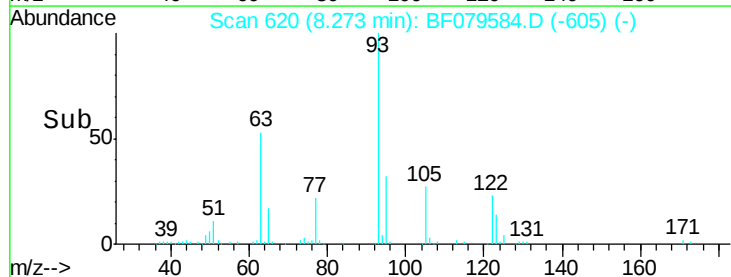
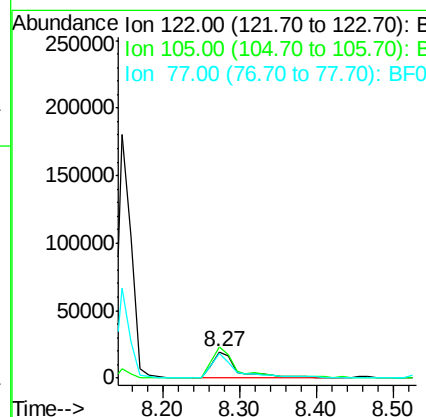
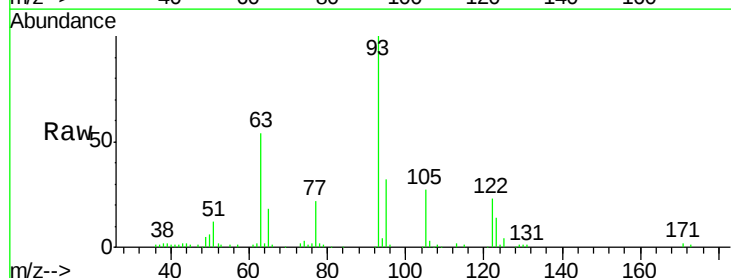
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

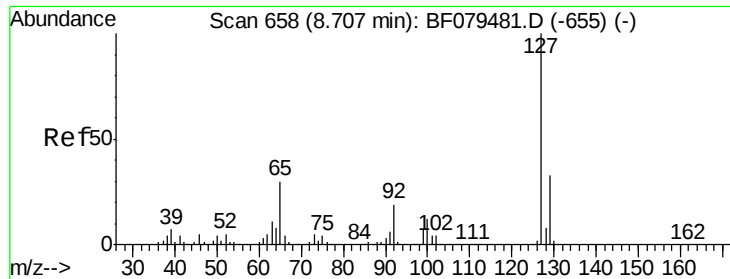
Tgt Ion:128 Resp: 681960
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 13.78 ng
RT: 8.27 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion:122 Resp: 46766
Ion Ratio Lower Upper
122 100
105 117.1 100.2 140.2
77 95.5 64.8 104.8

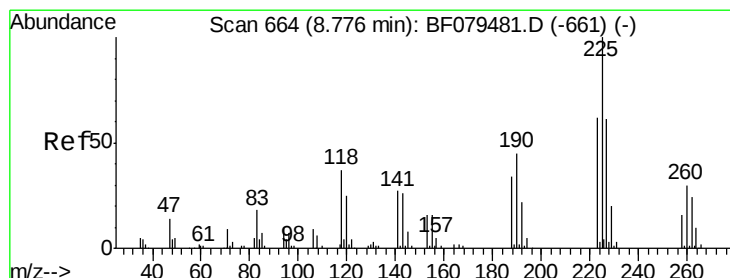
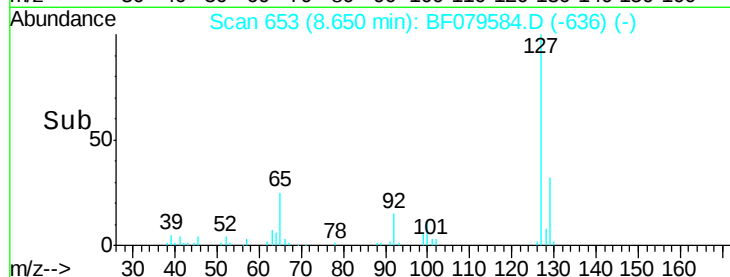
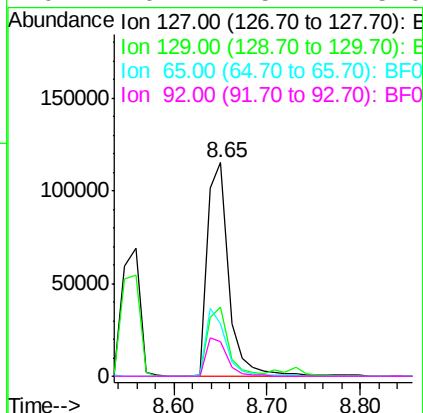
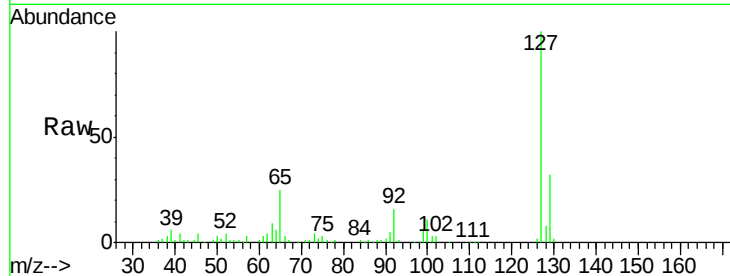




#33
4-Chloroaniline
Concen: 24.59 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

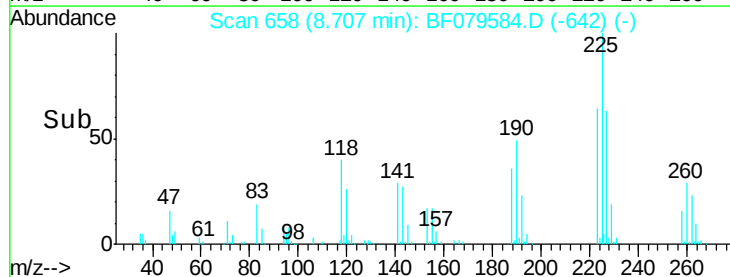
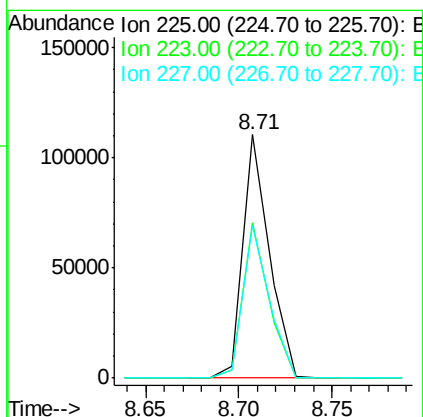
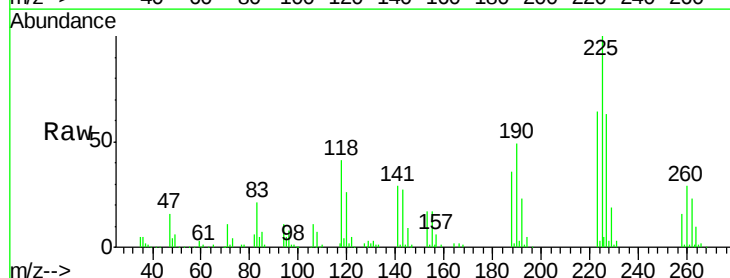
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

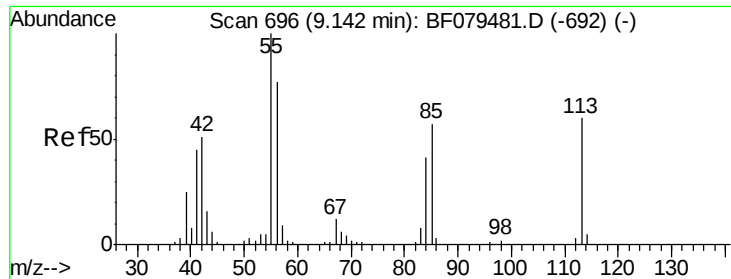
Tgt Ion:	127	Resp:	185817
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	24.8	24.2	36.4
92	16.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 36.73 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion:	225	Resp:	108577
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.9	74.9
227	62.8	48.9	73.3





#35

Caprolactam

Concen: 35.98 ng

RT: 9.07 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

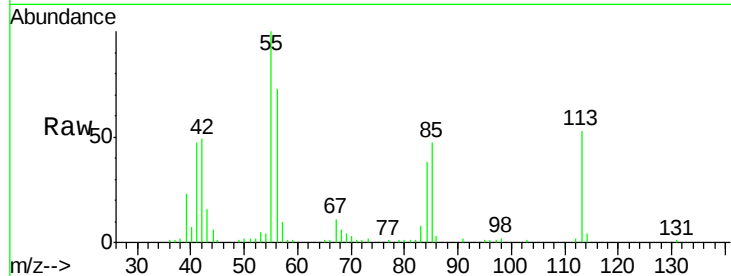
Tgt Ion:113 Resp: 56839

Ion Ratio Lower Upper

113 100

55 187.4 147.2 187.2#

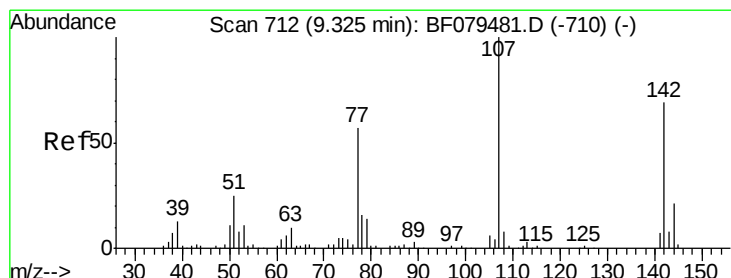
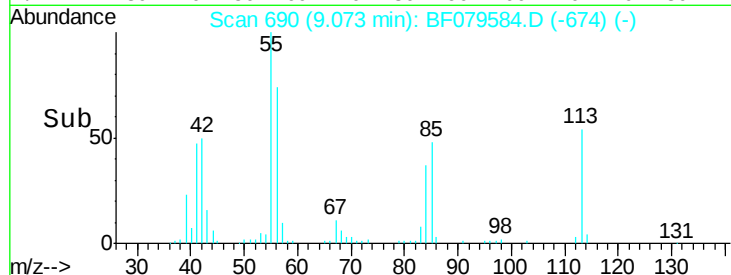
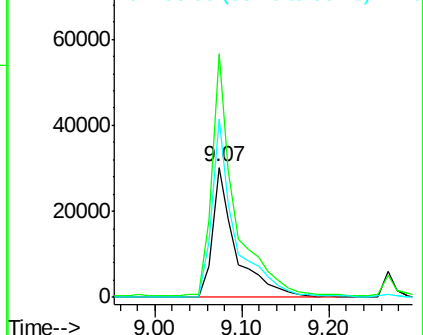
56 137.0 108.6 148.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.12 ng

RT: 9.27 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

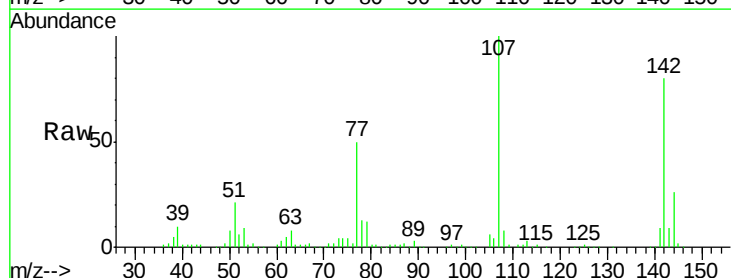
Tgt Ion:107 Resp: 203274

Ion Ratio Lower Upper

107 100

144 25.6 16.9 25.3#

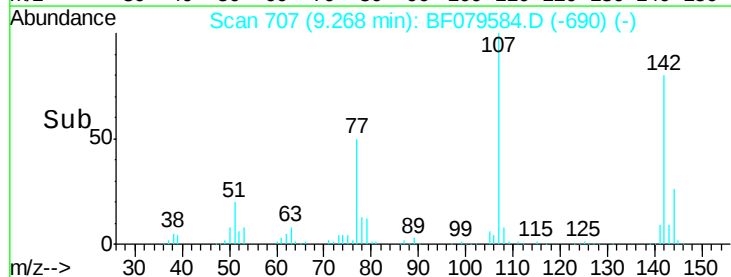
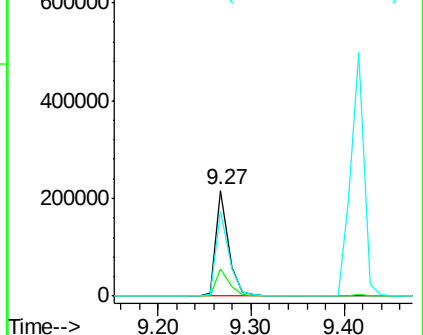
142 80.0 55.2 82.8

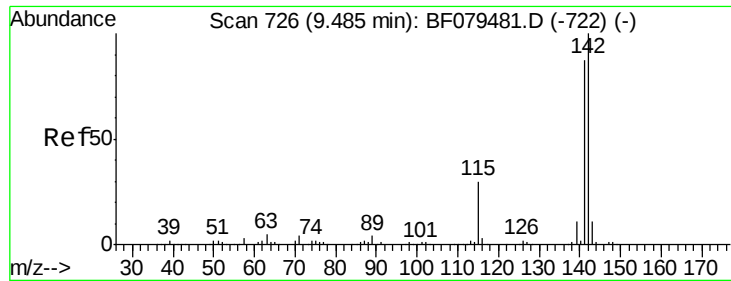


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

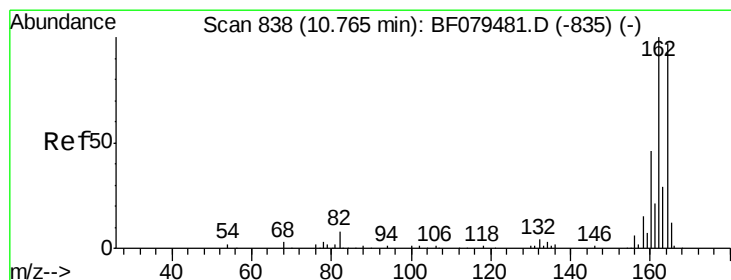
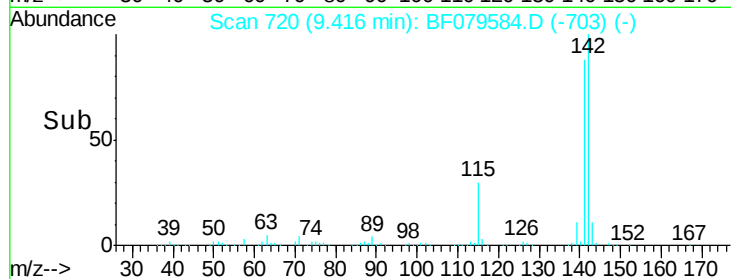
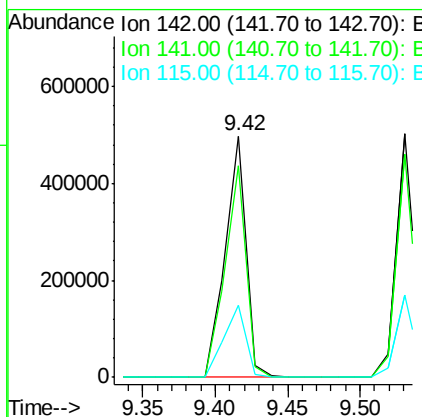
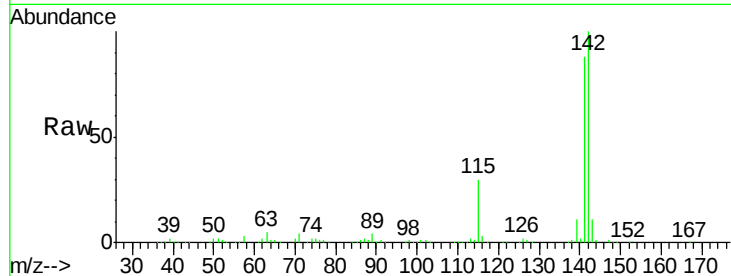




#37
2-Methylnaphthalene
Concen: 39.73 ng
RT: 9.42 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

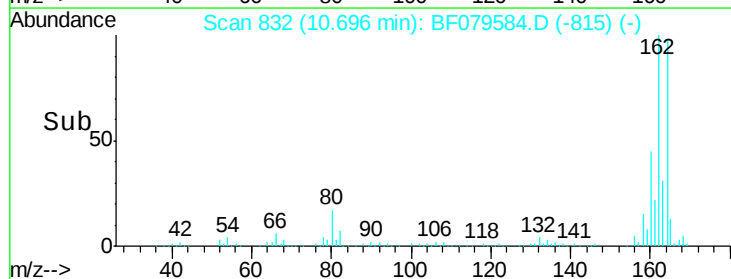
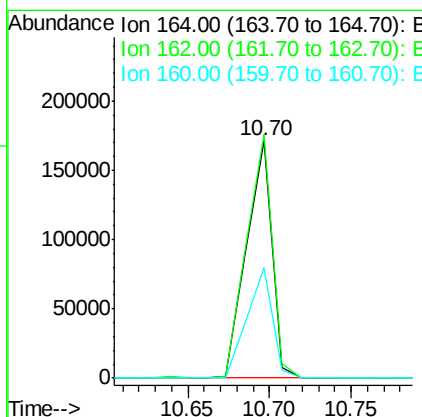
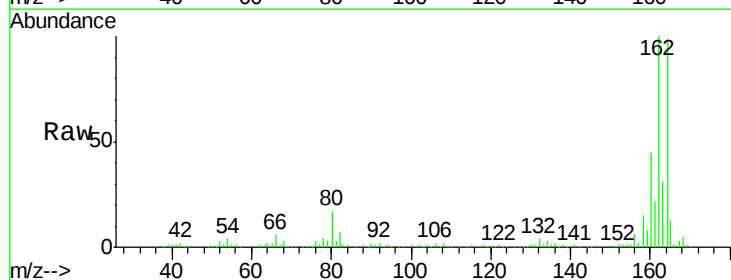
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

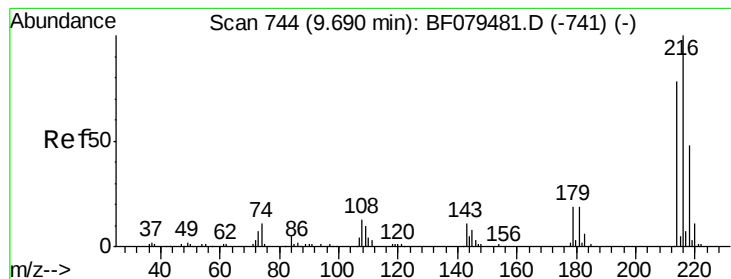
Tgt Ion:142 Resp: 498866
Ion Ratio Lower Upper
142 100
141 87.9 69.5 104.3
115 29.8 23.8 35.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.70 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion:164 Resp: 184070
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 46.4 37.7 56.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.17 ng

RT: 9.62 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

Tgt Ion:216 Resp: 191374

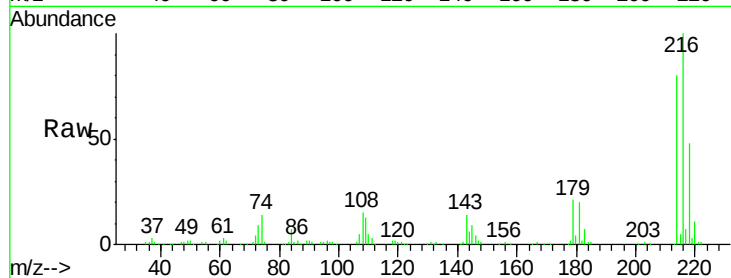
Ion Ratio Lower Upper

216 100

214 80.2 0.0 0.0#

179 22.2 0.0 0.0#

108 21.3 0.0 0.0#

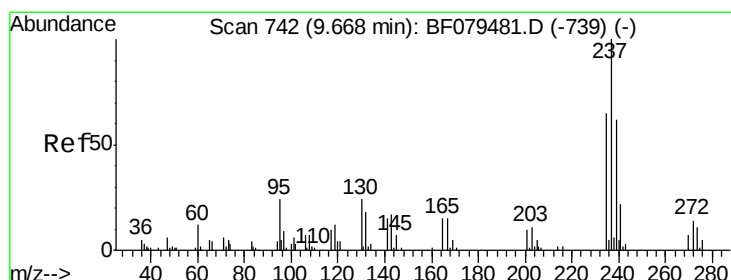
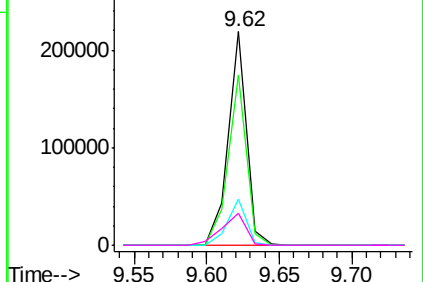
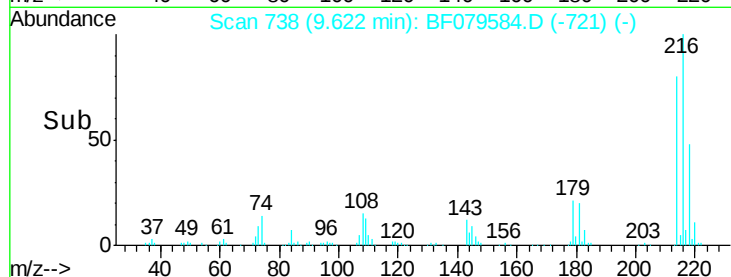


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 59.40 ng

RT: 9.60 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

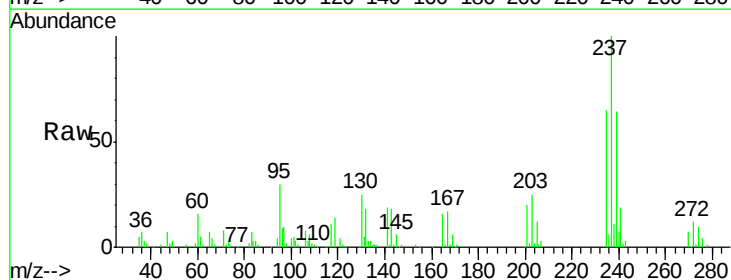
Tgt Ion:237 Resp: 80601

Ion Ratio Lower Upper

237 100

235 64.6 45.0 85.0

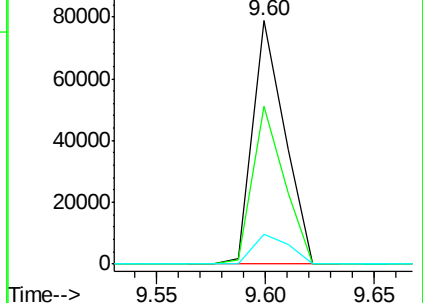
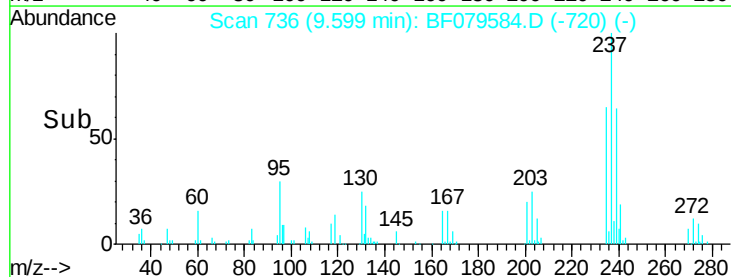
272 12.2 0.0 33.9

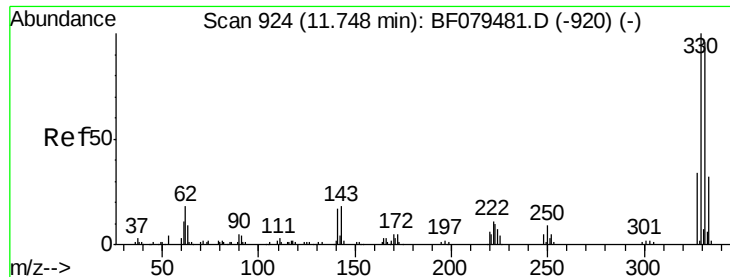


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

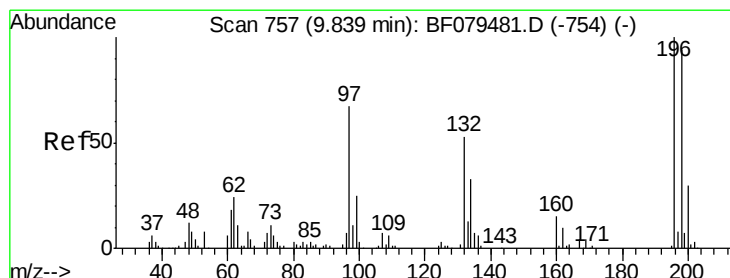
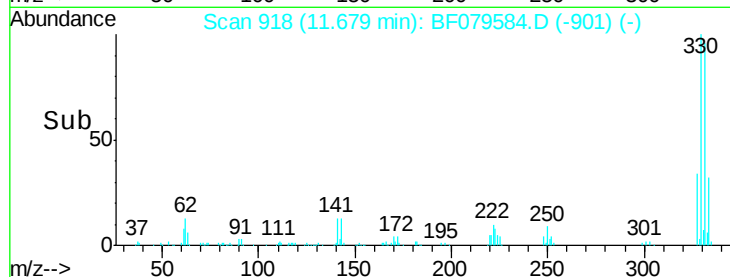
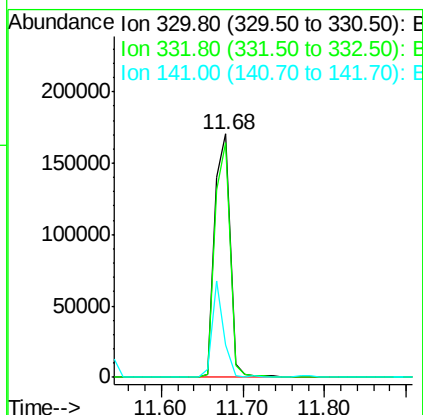
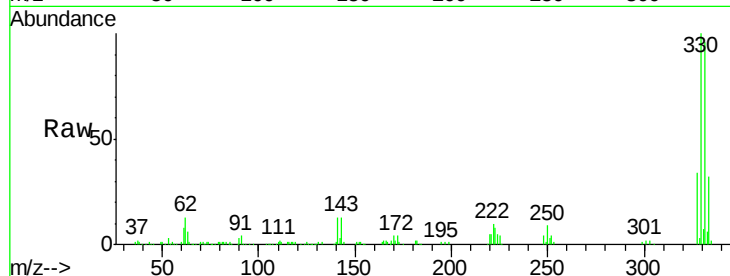




#41
 2,4,6-Tribromophenol
 Concen: 112.18 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

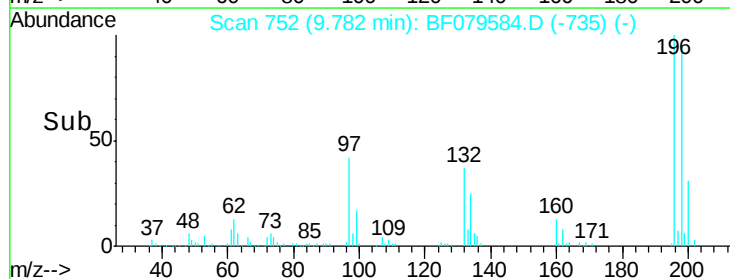
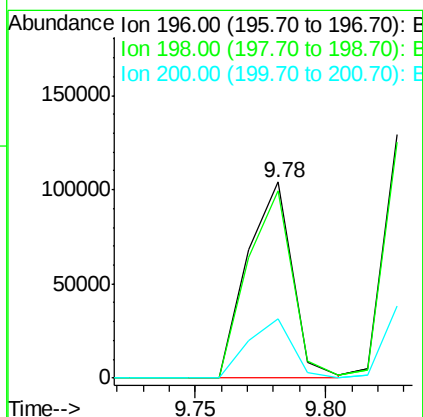
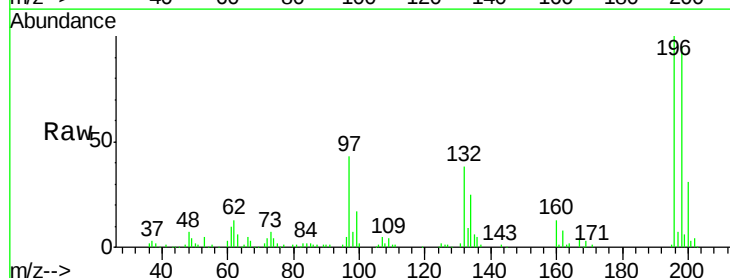
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

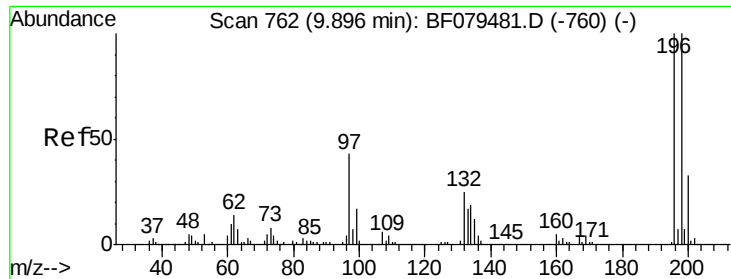
Tgt Ion:330 Resp: 226793
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 30.4 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 34.82 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:196 Resp: 125180
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.3 112.9
 200 30.5 23.8 35.8

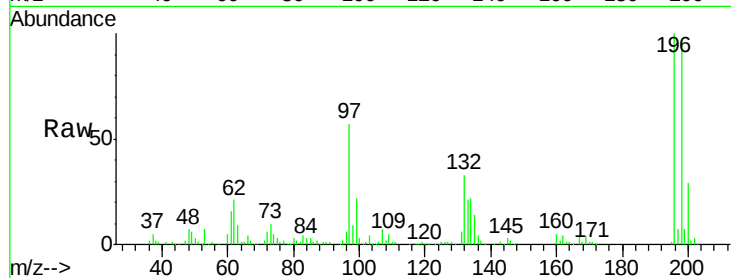




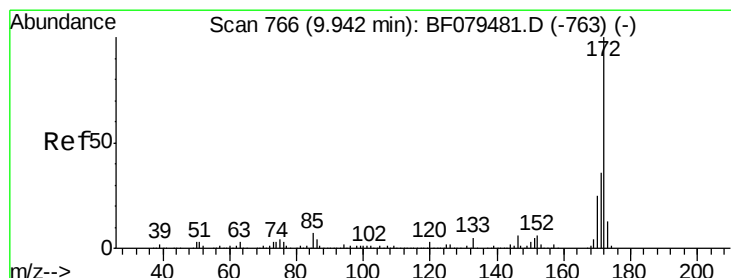
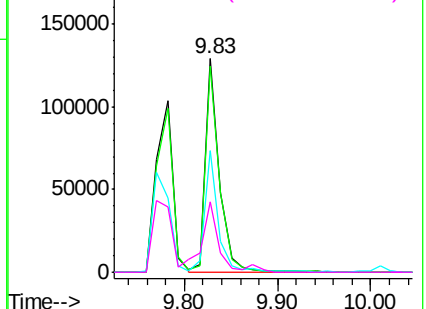
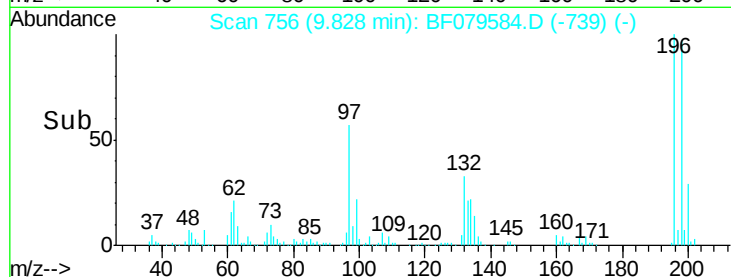
#43
 2,4,5-Trichlorophenol
 Concen: 37.99 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	80.3	120.5
97	57.2	34.8	52.2
132	33.0	20.6	31.0

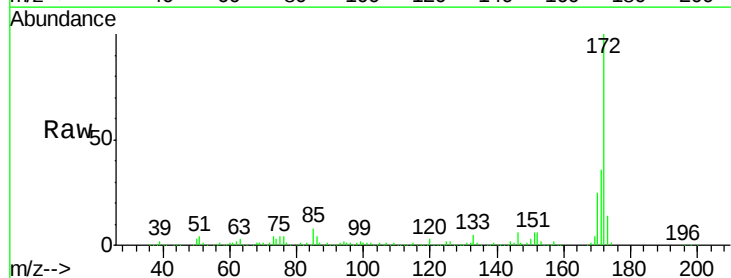


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

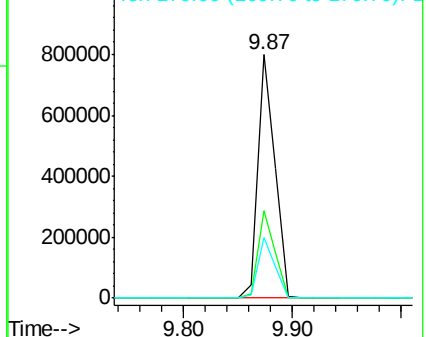
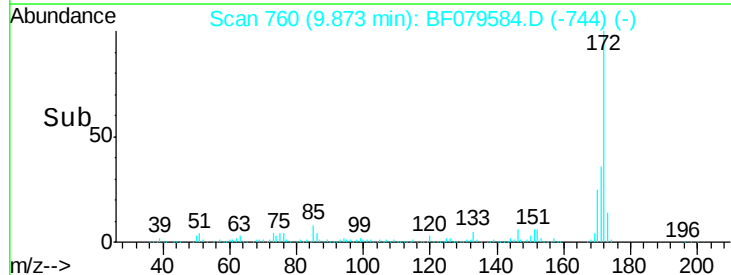


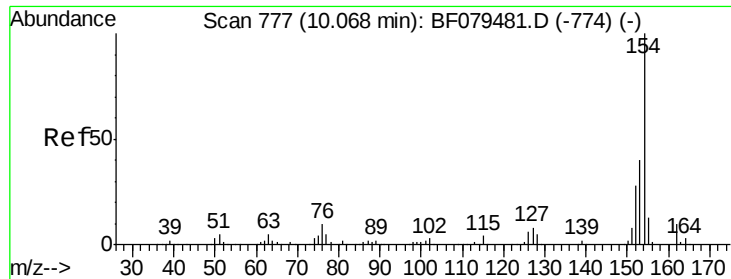
#44
 2-Fluorobiphenyl
 Concen: 67.69 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.7	19.7	29.5



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

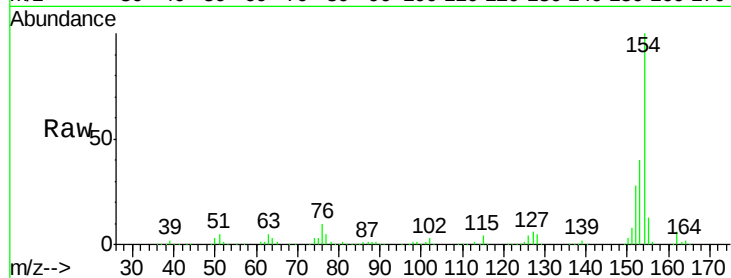




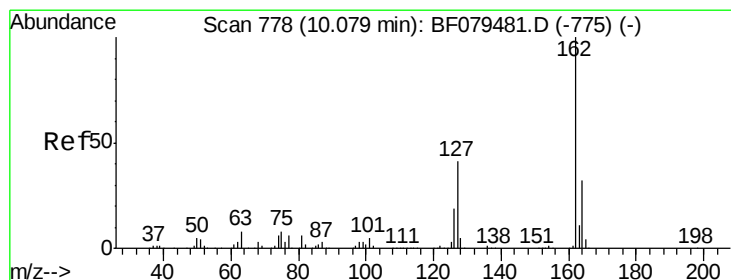
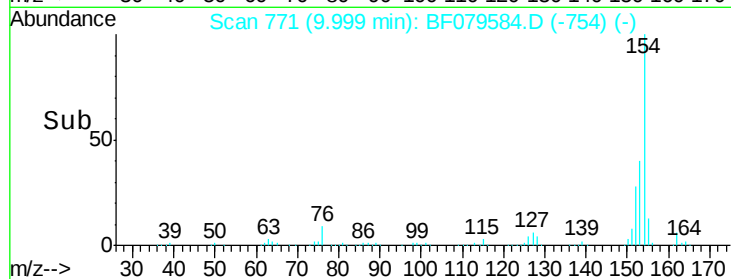
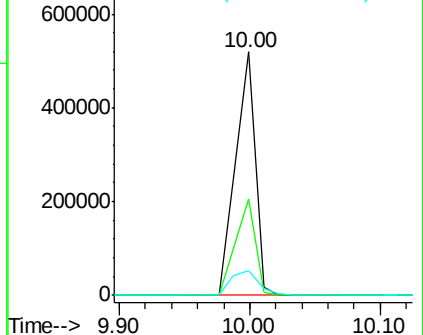
#45
 1,1'-Biphenyl
 Concen: 37.57 ng
 RT: 10.00 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Tgt Ion:154 Resp: 540137
 Ion Ratio Lower Upper
 154 100
 153 39.8 19.5 59.5
 76 10.1 0.0 29.6

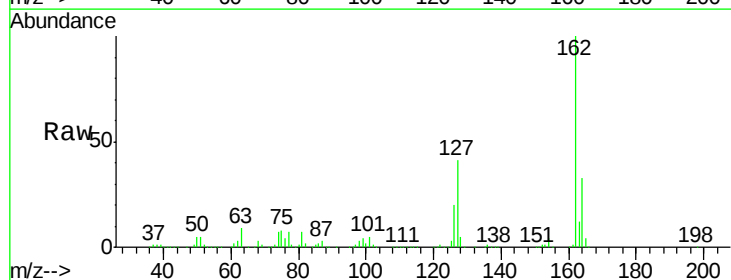


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

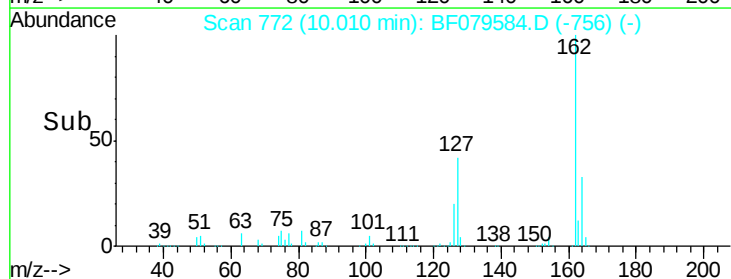
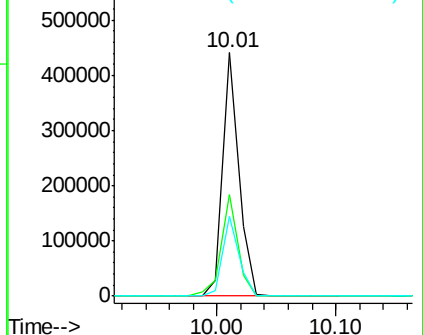


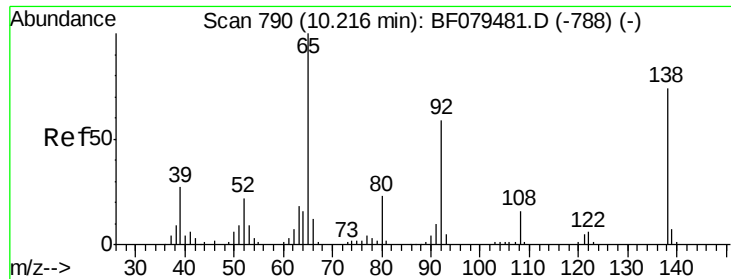
#46
 2-Chloronaphthalene
 Concen: 36.32 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:162 Resp: 412433
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.7 49.1
 164 32.7 25.8 38.6



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

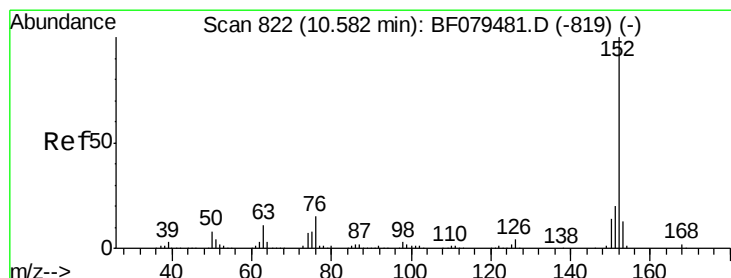
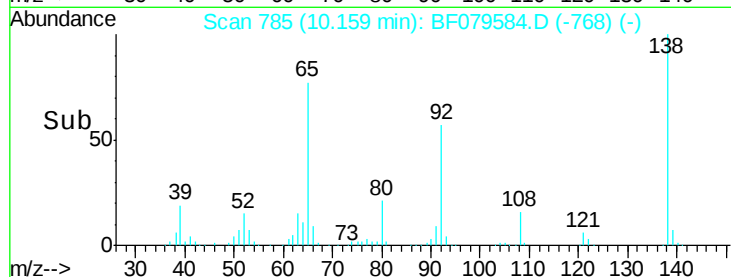
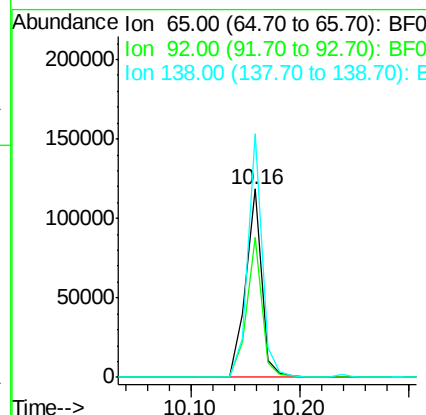
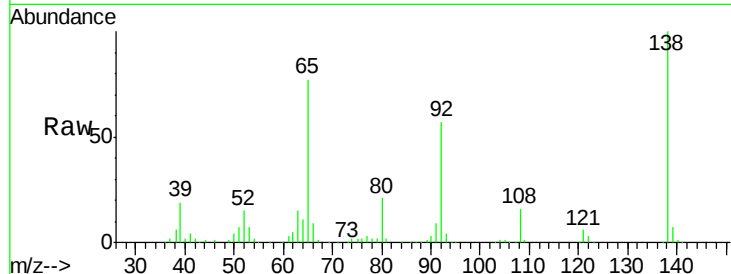




#47
2-Nitroaniline
Concen: 35.27 ng
RT: 10.16 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

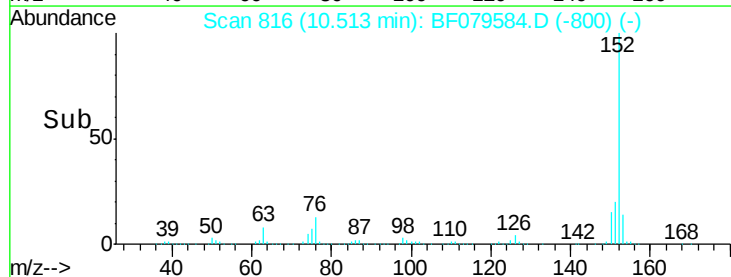
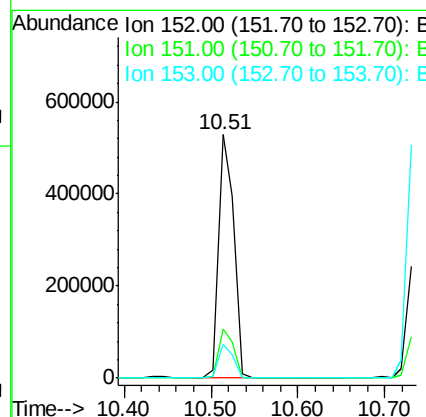
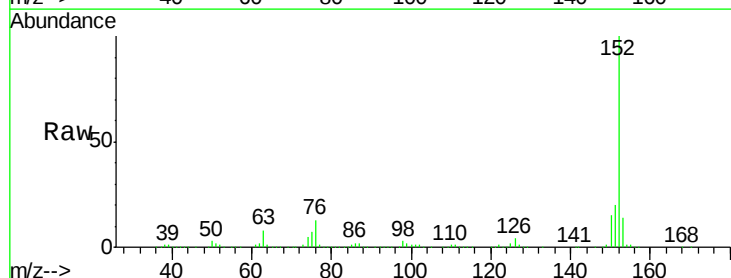
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

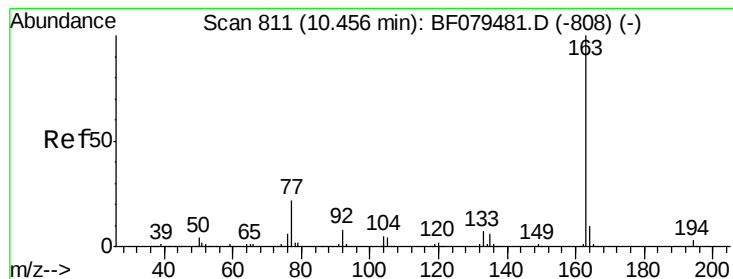
Tgt Ion: 65 Resp: 119067
Ion Ratio Lower Upper
65 100
92 74.2 47.2 70.8#
138 129.5 59.2 88.8#



#48
Acenaphthylene
Concen: 34.81 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion: 152 Resp: 656064
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 40.40 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

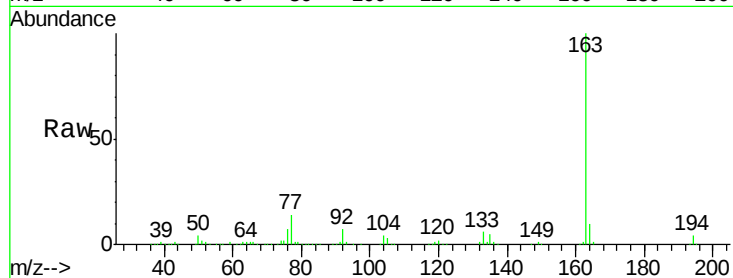
Tgt Ion:163 Resp: 547916

Ion Ratio Lower Upper

163 100

194 3.5 2.4 3.6

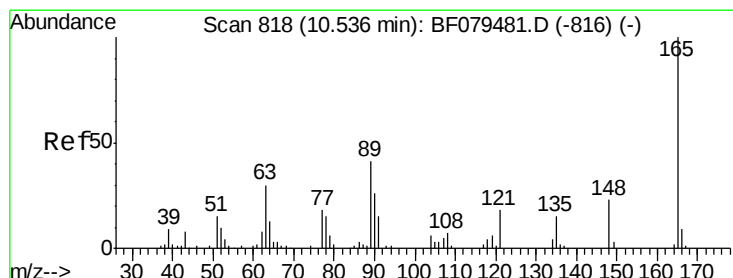
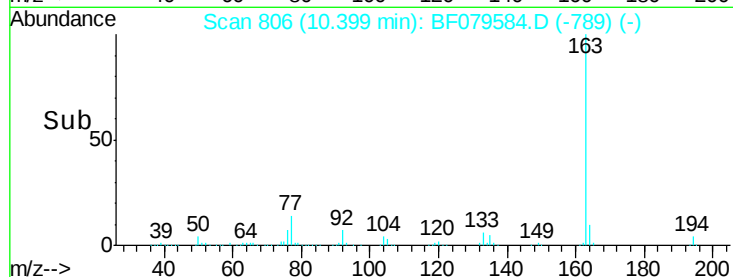
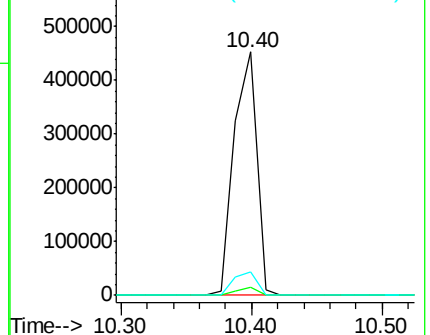
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.49 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

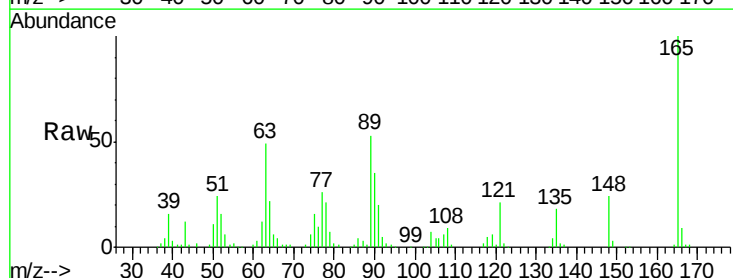
Tgt Ion:165 Resp: 101584

Ion Ratio Lower Upper

165 100

63 49.0 27.7 41.5#

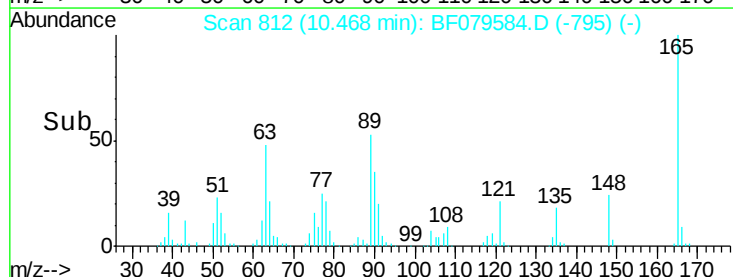
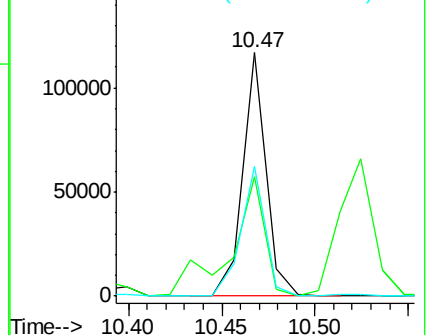
89 53.2 33.7 50.5#

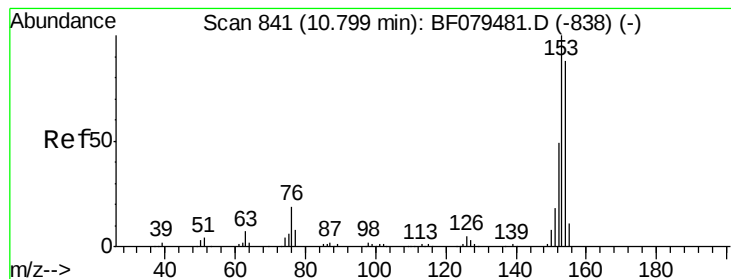


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.39 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

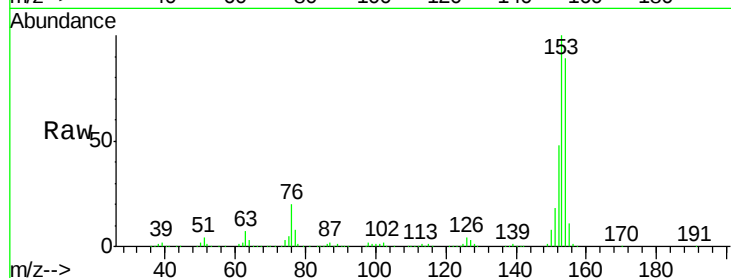
Tgt Ion:154 Resp: 424562

Ion Ratio Lower Upper

154 100

153 112.7 91.1 136.7

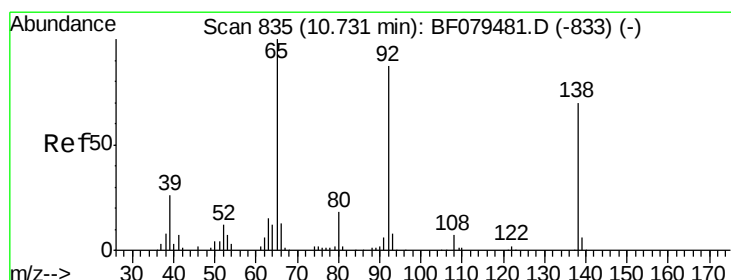
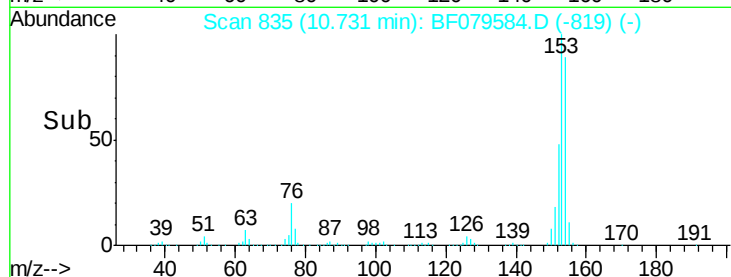
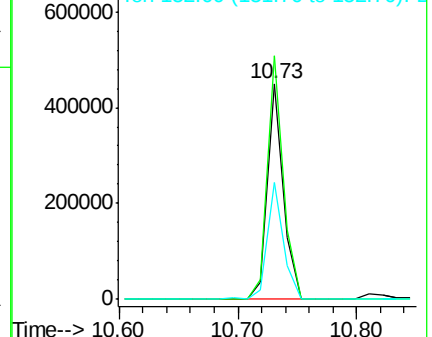
152 53.9 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.33 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

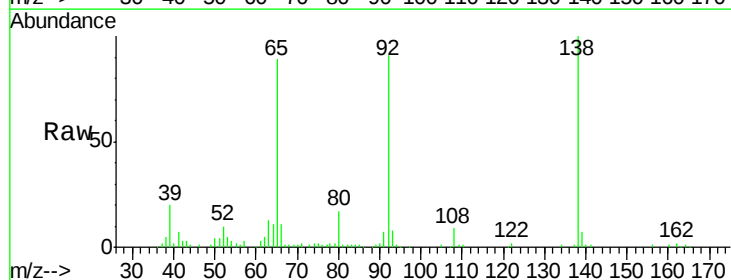
Tgt Ion:138 Resp: 99845

Ion Ratio Lower Upper

138 100

108 9.0 8.0 12.0

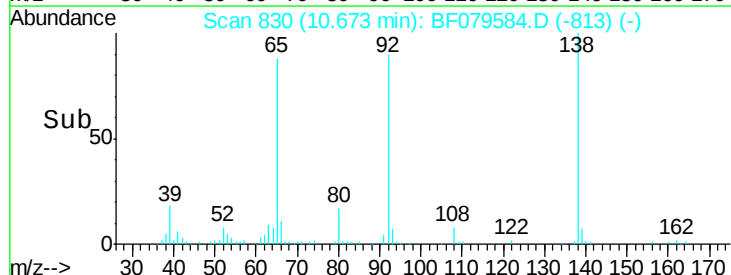
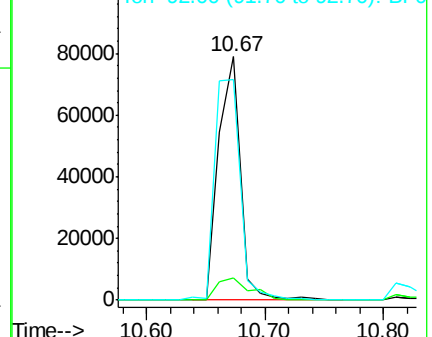
92 90.7 99.9 149.9#

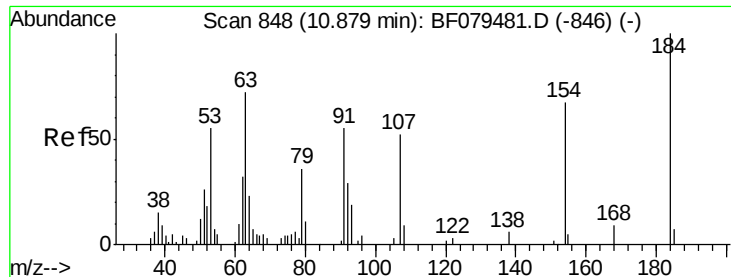


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

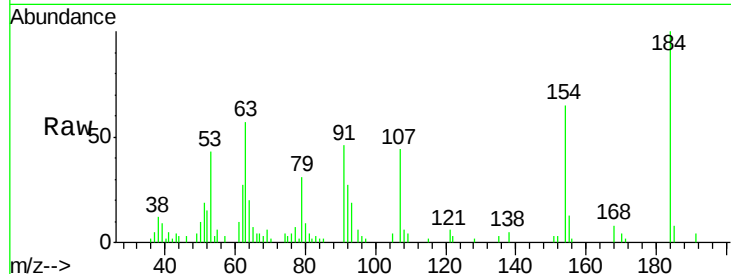




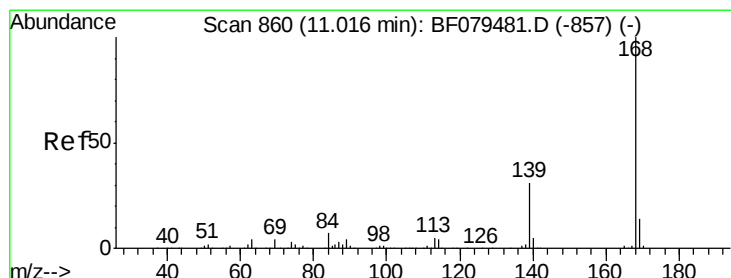
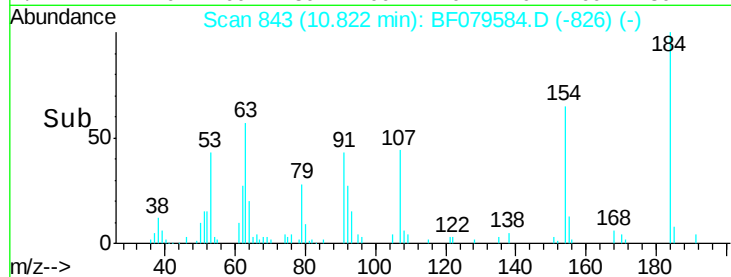
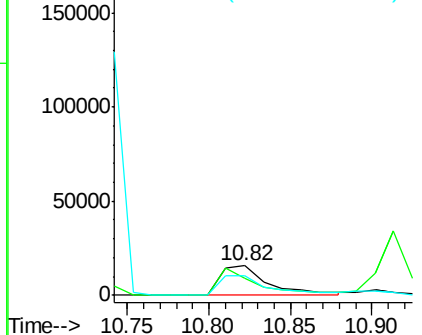
#53
 2,4-Dinitrophenol
 Concen: 40.57 ng
 RT: 10.82 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Tgt Ion:184 Resp: 32327
 Ion Ratio Lower Upper
 184 100
 63 56.6 57.7 86.5#
 154 65.0 53.4 80.2

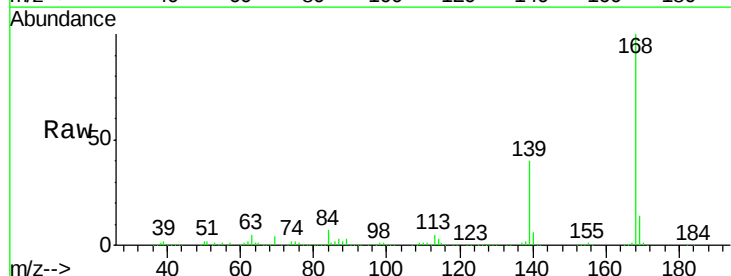


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF079481.D (-846) (-)
 Ion 154.00 (153.70 to 154.70): E

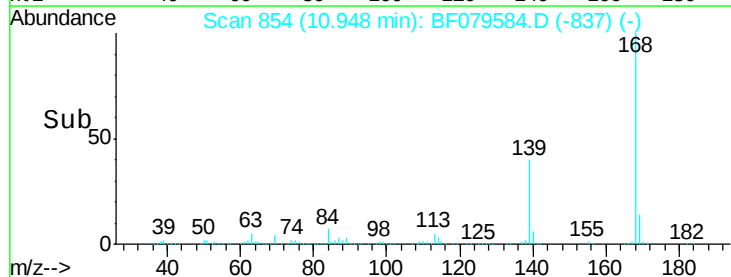
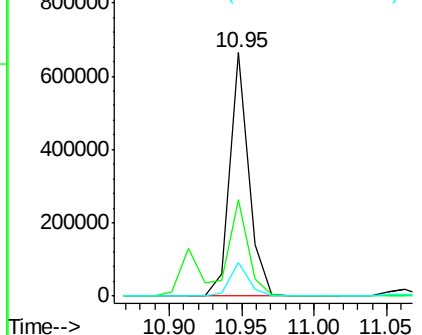


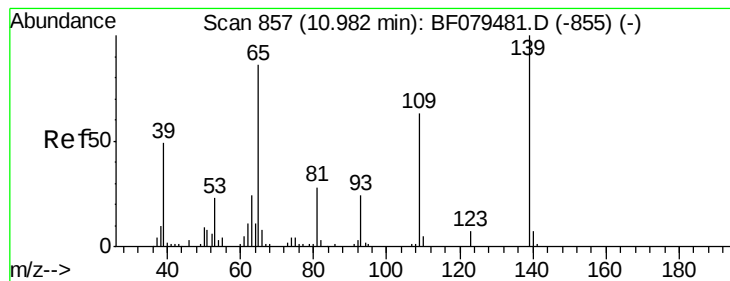
#54
 Dibenzofuran
 Concen: 37.63 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:168 Resp: 598146
 Ion Ratio Lower Upper
 168 100
 139 39.7 32.9 49.3
 169 13.9 11.1 16.7



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





#55

4-Nitrophenol

Concen: 191.77 ng

RT: 10.95 min Scan# 854

Delta R.T. 0.03 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

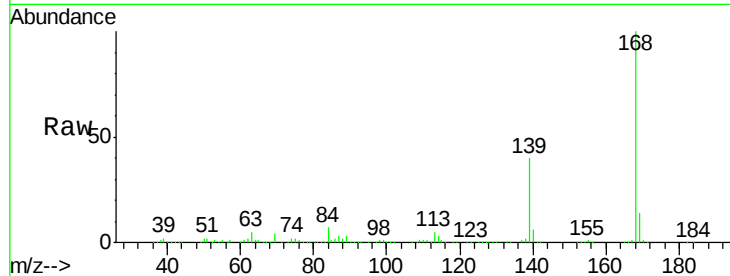
Tgt Ion:139 Resp: 374805

Ion Ratio Lower Upper

139 100

109 2.4 42.8 82.8#

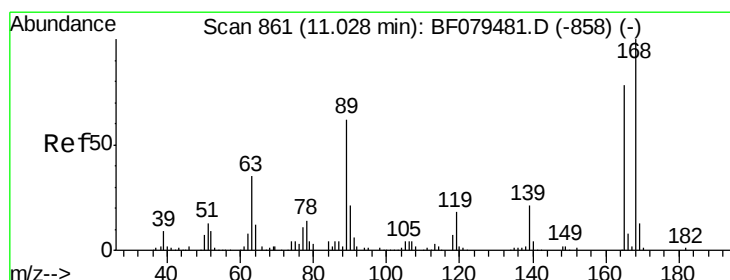
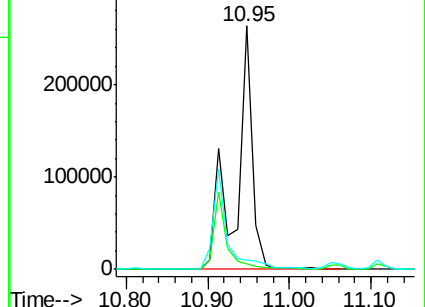
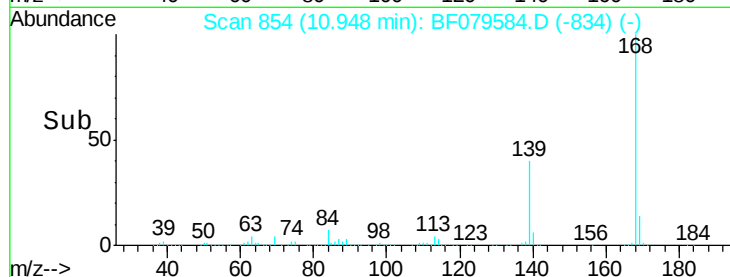
65 3.6 66.3 106.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.29 ng

RT: 10.97 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Tgt Ion:165 Resp: 128250

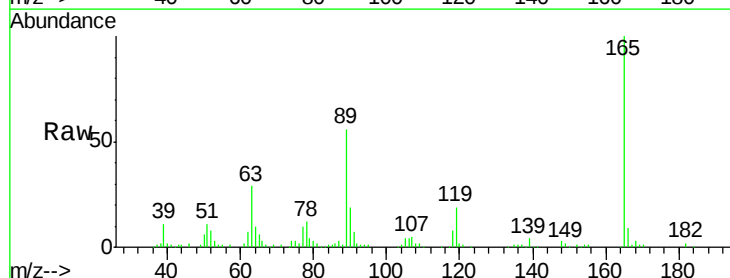
Ion Ratio Lower Upper

165 100

63 29.3 39.5 59.3#

89 55.7 64.2 96.4#

182 2.4 1.5 2.3#

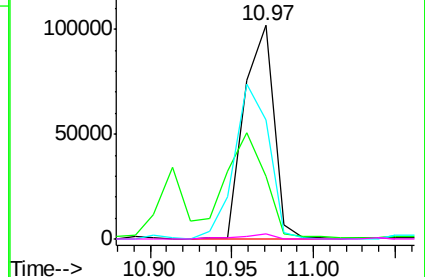
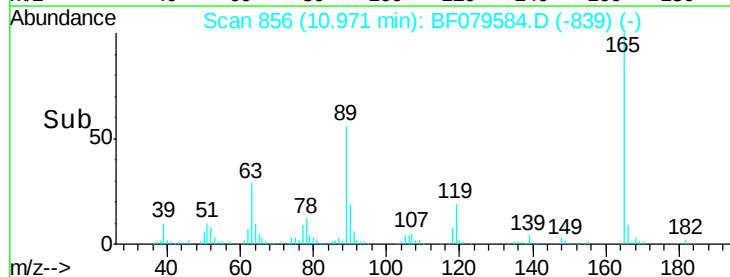


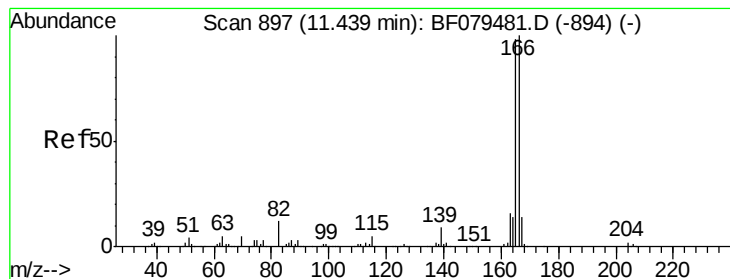
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.54 ng

RT: 11.37 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

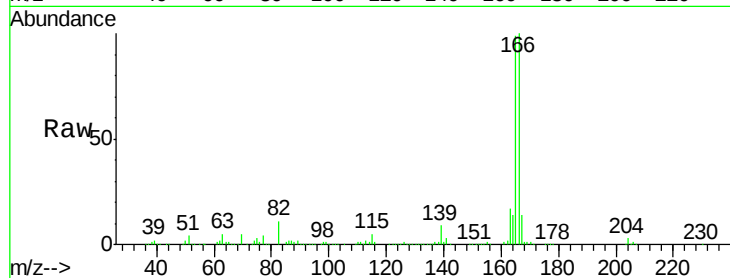
Tgt Ion:166 Resp: 504985

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

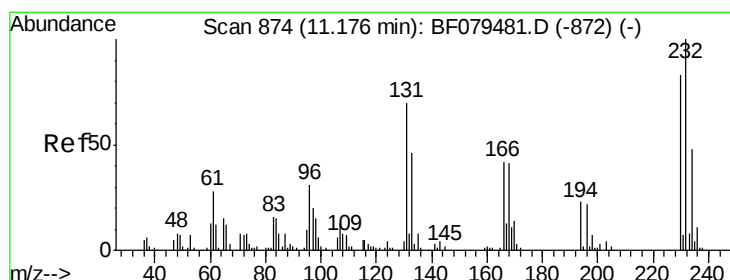
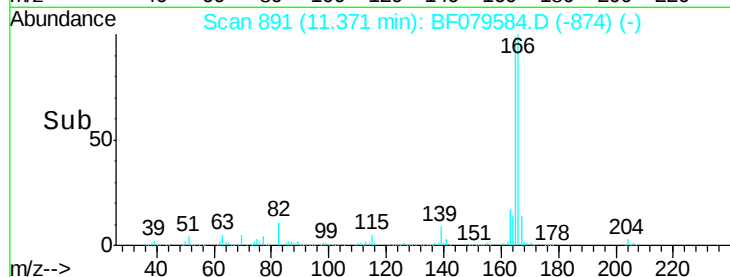
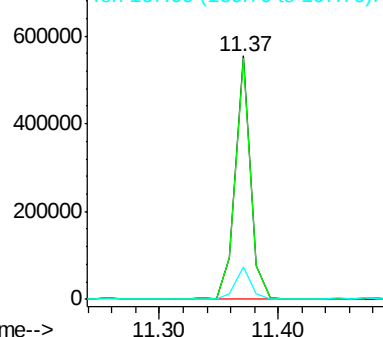
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.98 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Tgt Ion:232 Resp: 101518

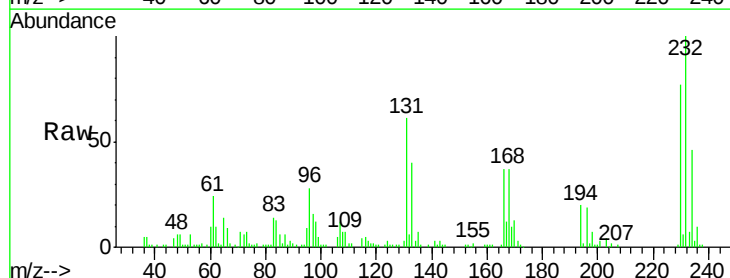
Ion Ratio Lower Upper

232 100

131 49.0 0.0 0.0#

130 2.3 0.0 0.0#

166 32.7 0.0 0.0#

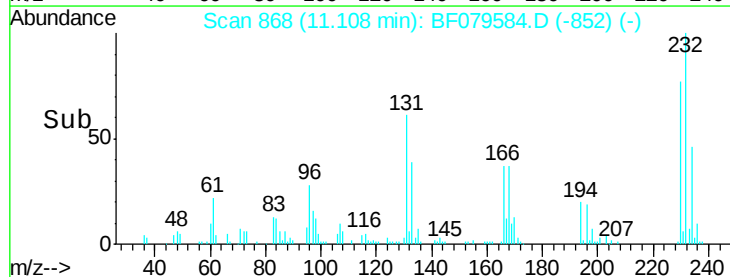
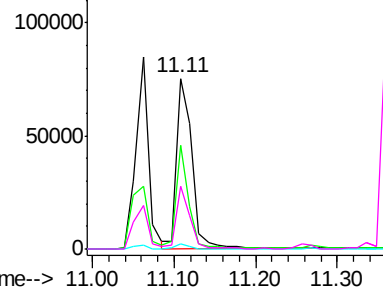


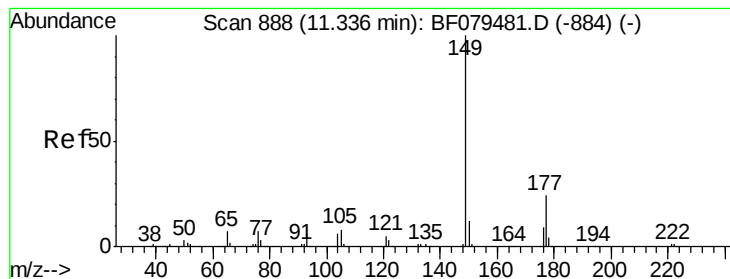
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.39 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

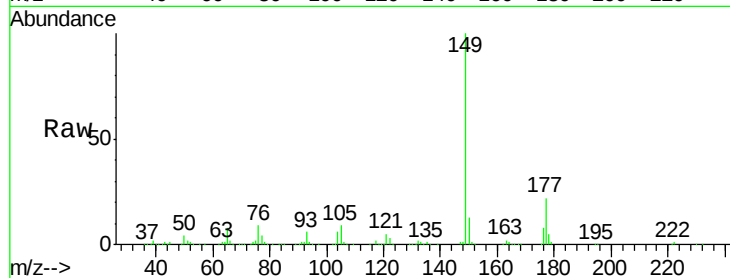
Tgt Ion:149 Resp: 469810

Ion Ratio Lower Upper

149 100

177 22.1 18.9 28.3

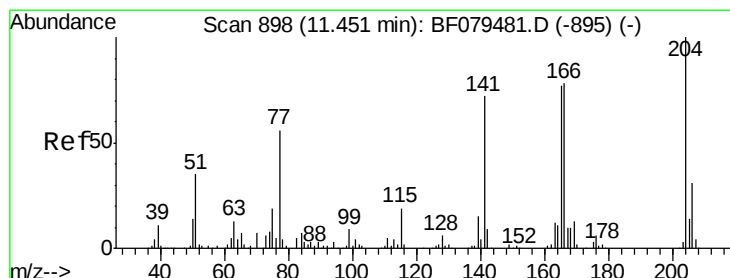
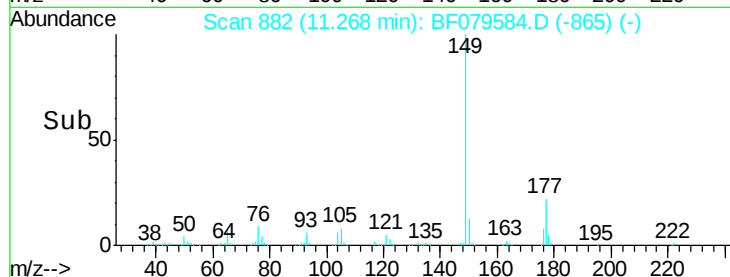
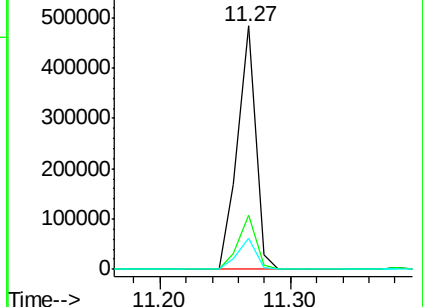
150 12.5 9.8 14.6



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: 36.37 ng

RT: 11.38 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

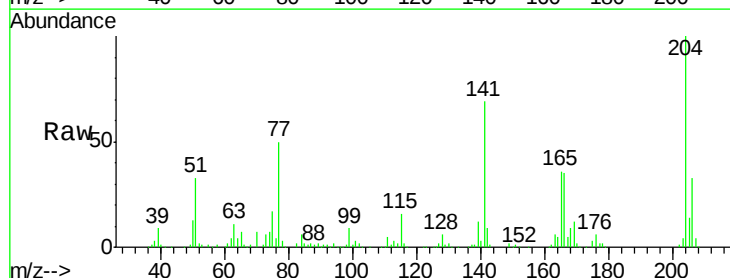
Tgt Ion:204 Resp: 205902

Ion Ratio Lower Upper

204 100

206 32.9 25.0 37.4

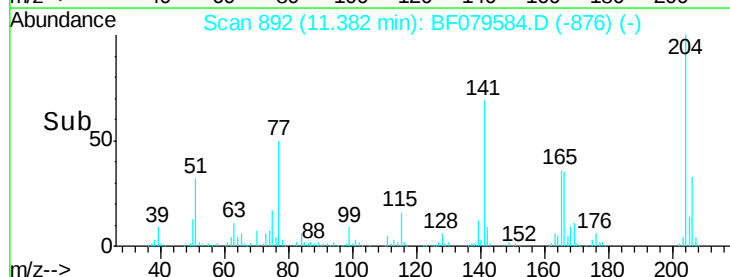
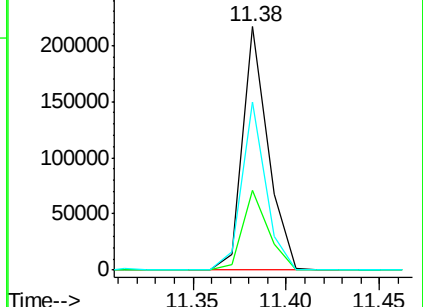
141 68.9 57.4 86.2

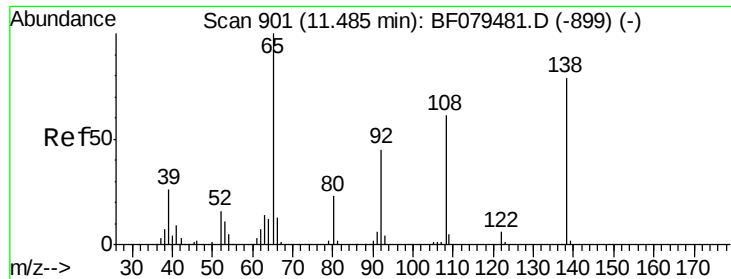


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

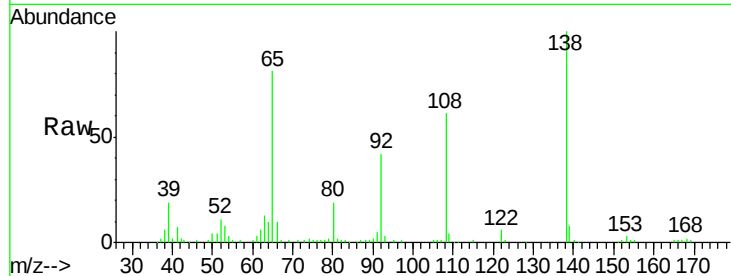




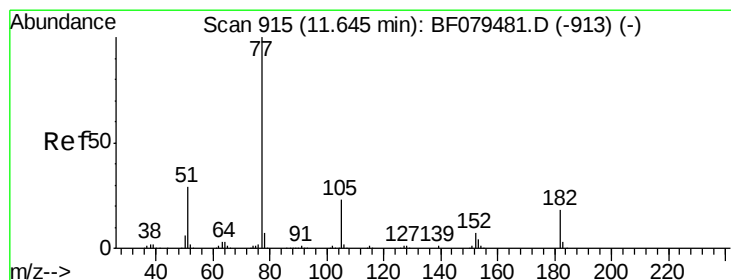
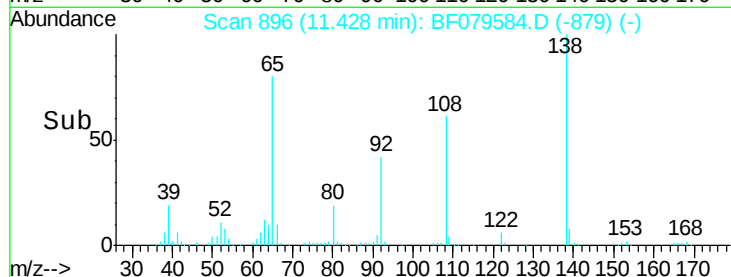
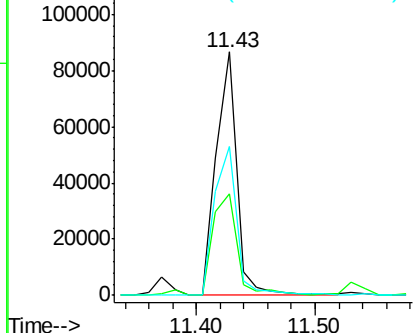
#61
4-Nitroaniline
Concen: 31.76 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Instrument :
BNA_F
ClientSampleId :
SB-23DMS

Tgt Ion: 138 Resp: 104268
Ion Ratio Lower Upper
138 100
92 41.9 37.2 77.2
108 61.1 57.0 97.0

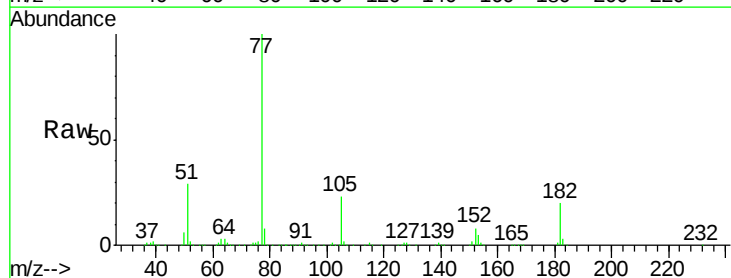


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

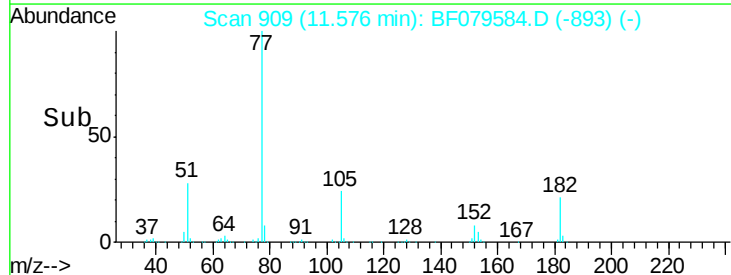
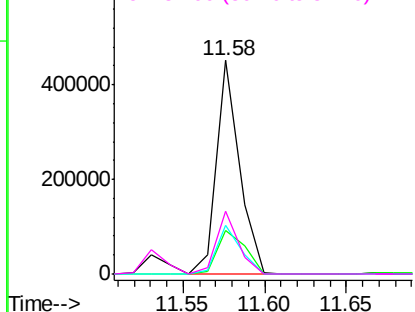


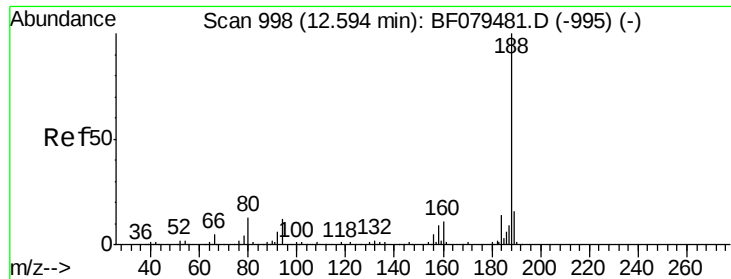
#62
Azobenzene
Concen: 33.94 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion: 77 Resp: 438305
Ion Ratio Lower Upper
77 100
182 20.4 0.0 37.7
105 22.9 2.7 42.7
51 29.1 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

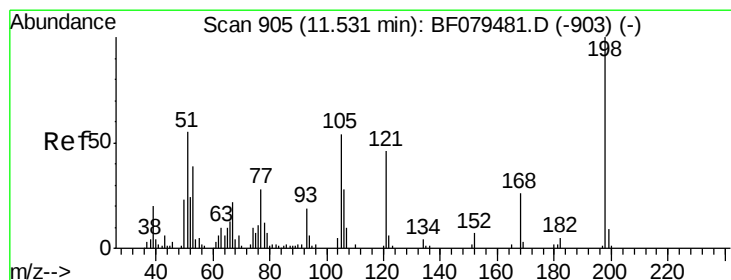
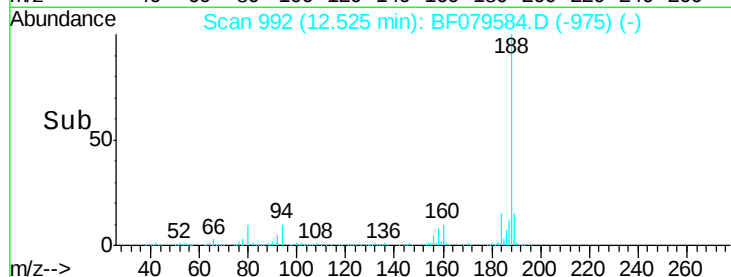
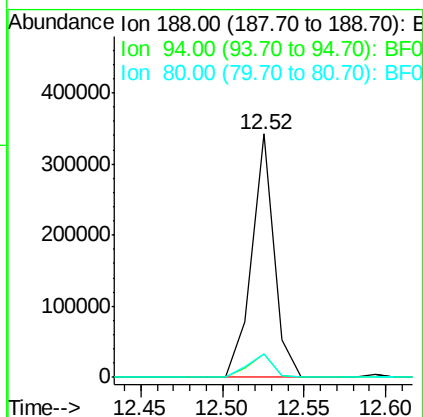
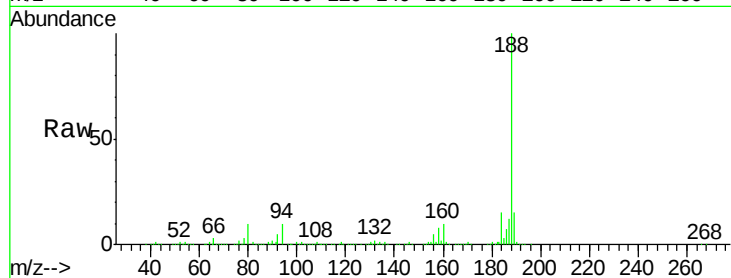




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

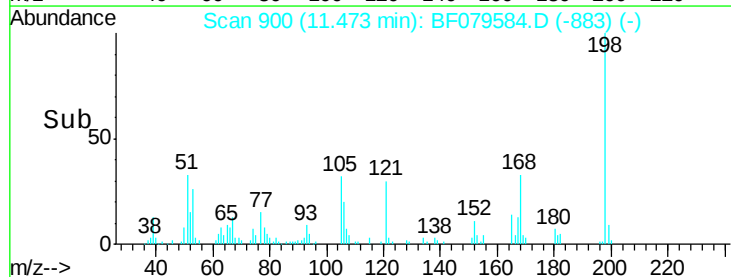
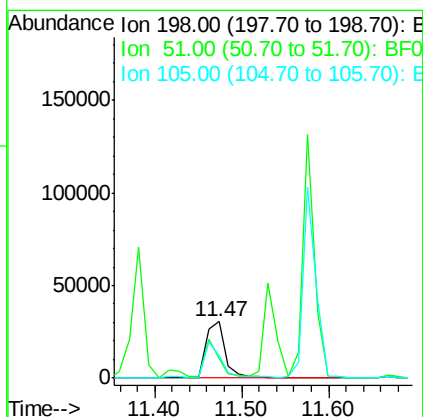
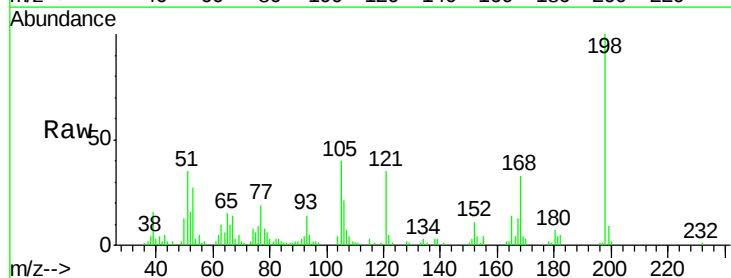
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

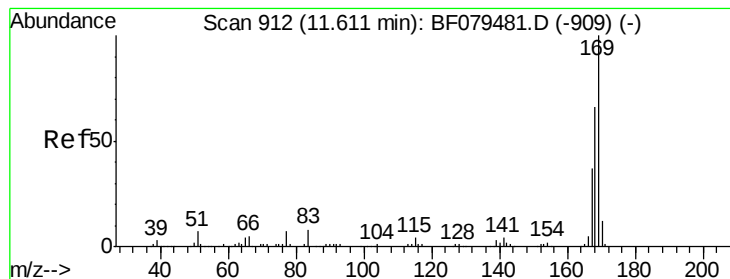
Tgt Ion:188 Resp: 326449
Ion Ratio Lower Upper
188 100
94 9.8 9.8 14.6
80 9.8 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 31.79 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion:198 Resp: 47902
Ion Ratio Lower Upper
198 100
51 35.1 36.0 76.0#
105 39.7 34.1 74.1





#65

n-Nitrosodiphenylamine

Concen: 36.34 ng

RT: 11.53 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

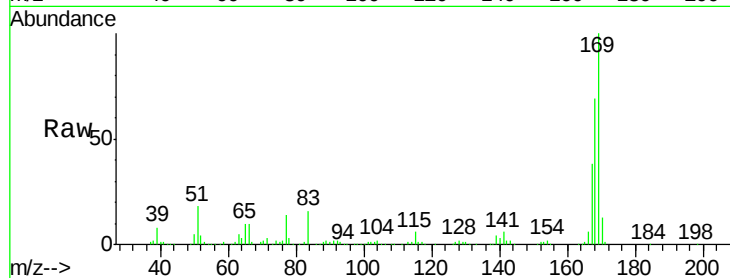
Tgt Ion:169 Resp: 393994

Ion Ratio Lower Upper

169 100

168 68.9 53.1 79.7

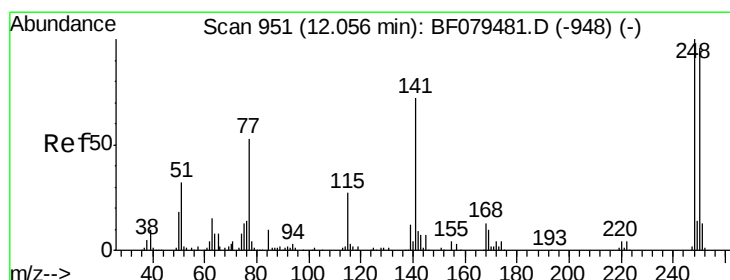
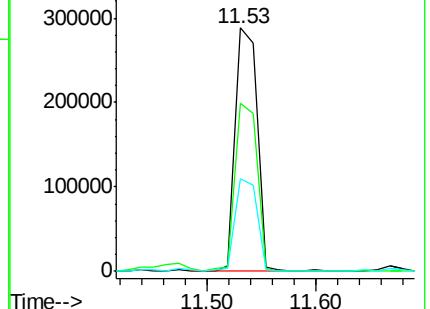
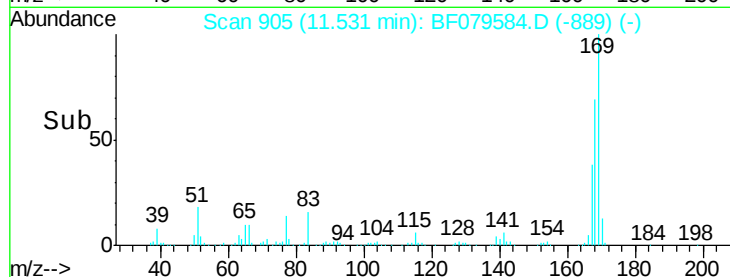
167 37.8 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.26 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

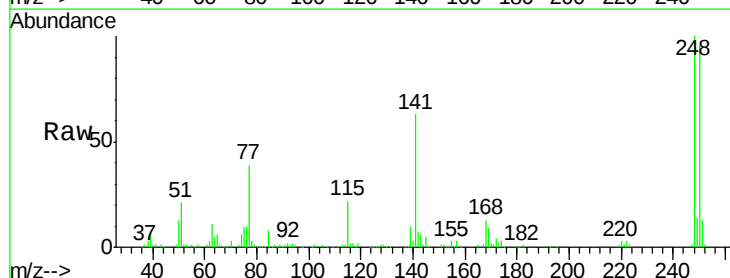
Tgt Ion:248 Resp: 131992

Ion Ratio Lower Upper

248 100

250 96.4 76.8 115.2

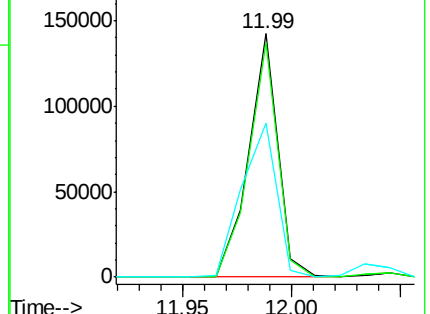
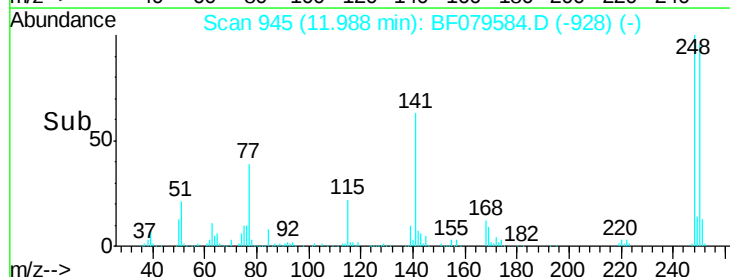
141 63.2 57.7 86.5

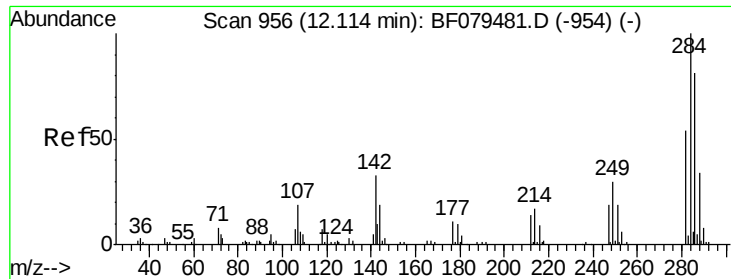


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

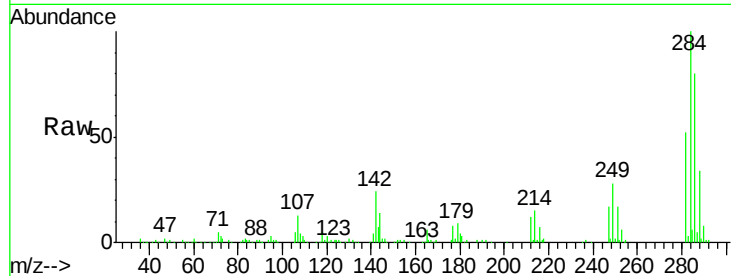




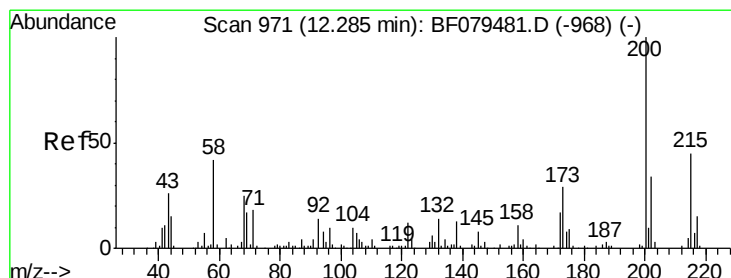
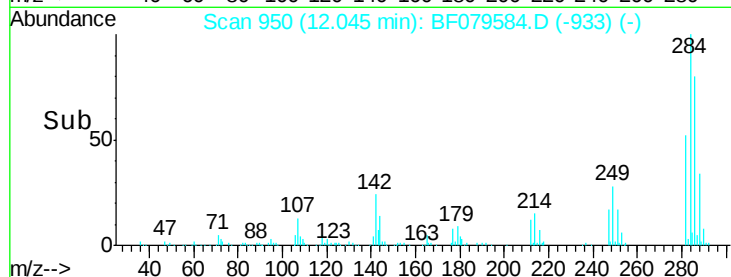
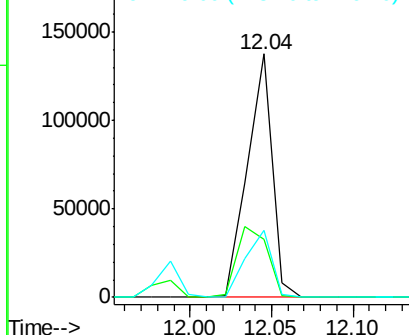
#67
Hexachlorobenzene
Concen: 37.83 ng
RT: 12.04 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Instrument :
BNA_F
ClientSampleId :
SB-23DMS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	26.2	39.2#
249	27.7	24.3	36.5

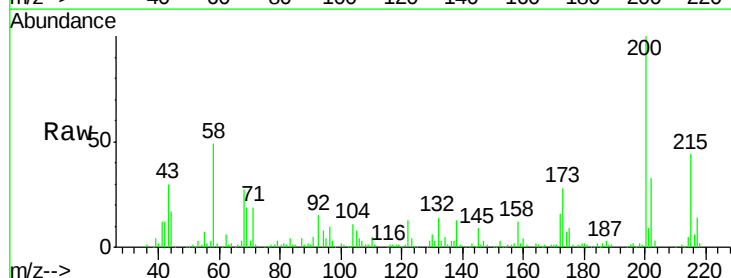


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

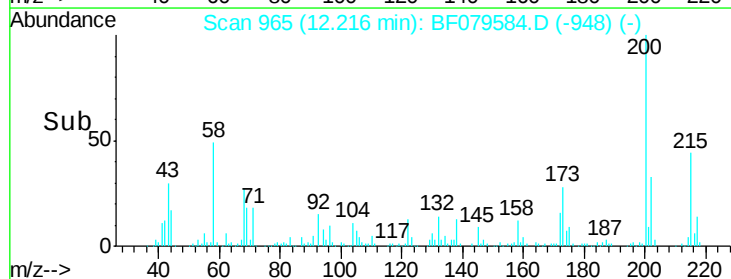
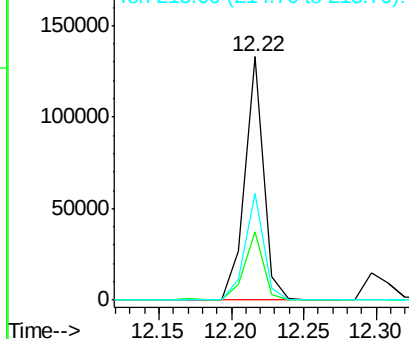


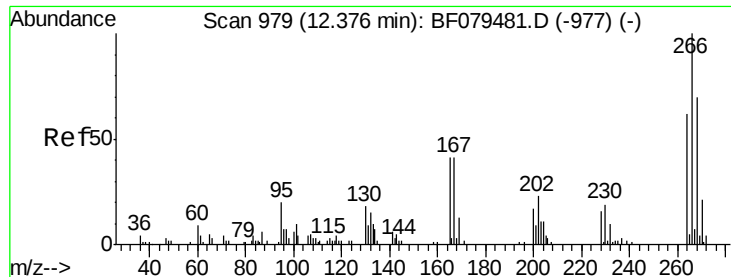
#68
Atrazine
Concen: 40.96 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.4	49.4
215	43.8	25.3	65.3



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

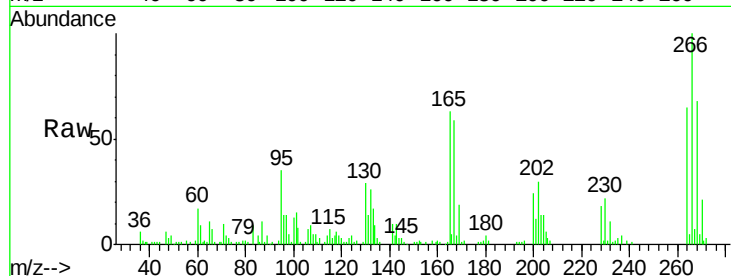




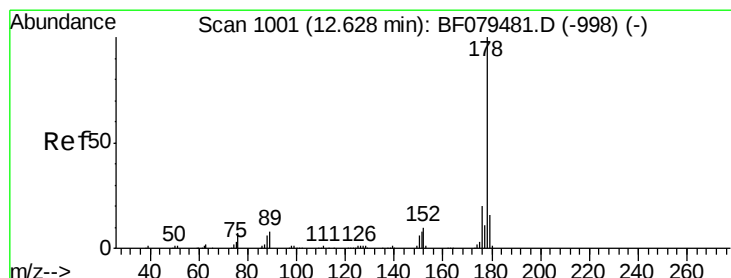
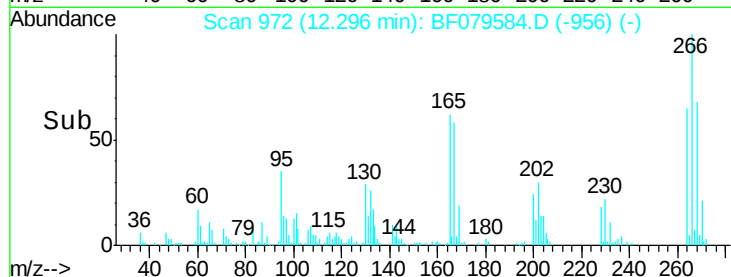
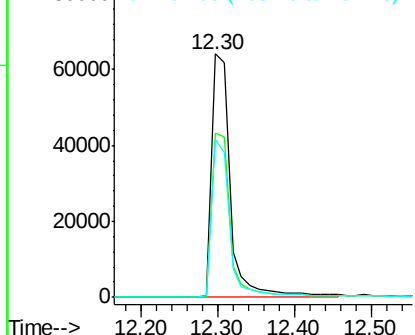
#69
 Pentachlorophenol
 Concen: 74.28 ng
 RT: 12.30 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

Tgt Ion: 266 Resp: 109060
 Ion Ratio Lower Upper
 266 100
 268 67.5 56.1 84.1
 264 64.9 50.0 75.0

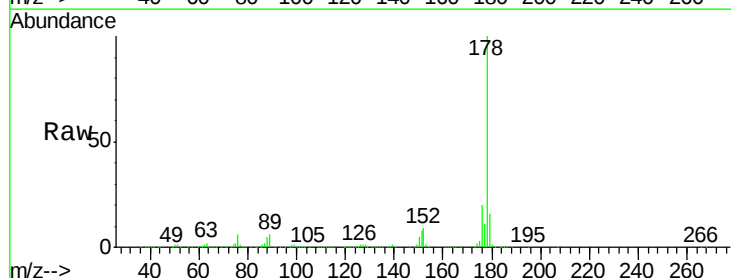


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

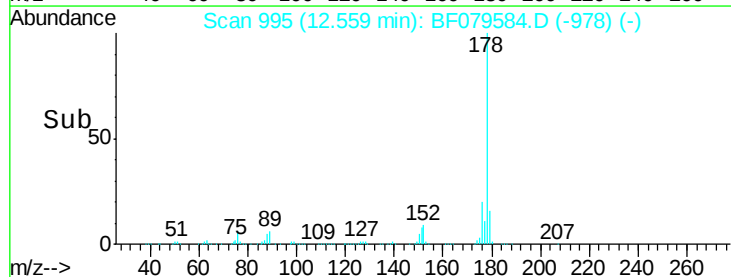
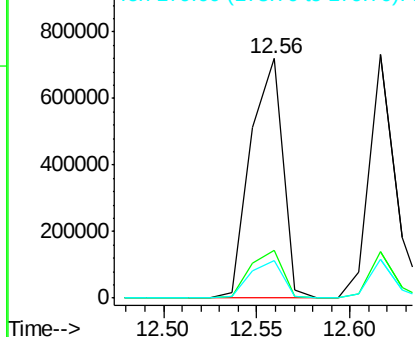


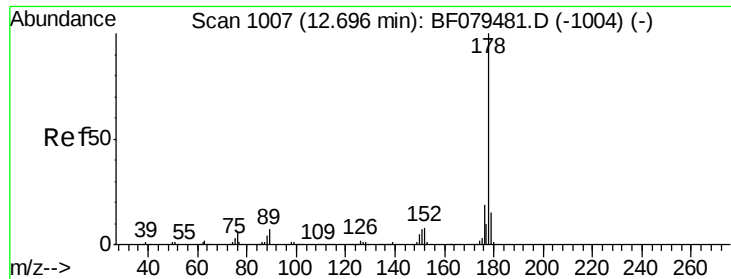
#70
 Phenanthrene
 Concen: 48.92 ng
 RT: 12.56 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion: 178 Resp: 876184
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.5 12.4 18.6



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

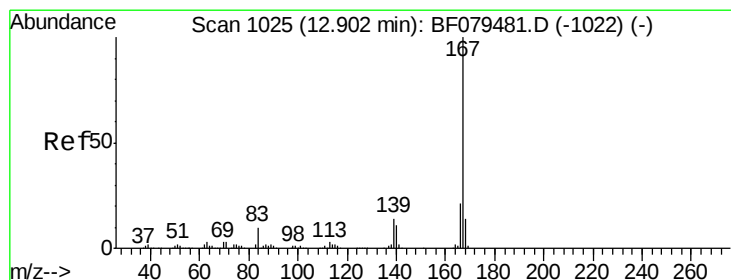
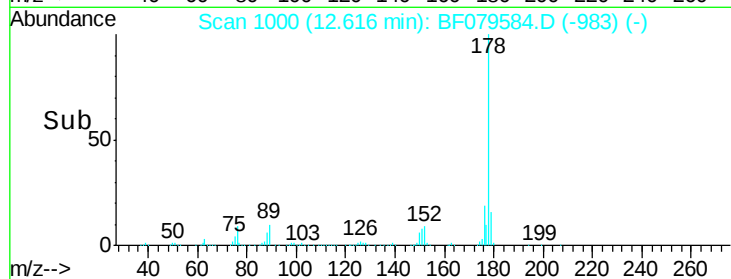
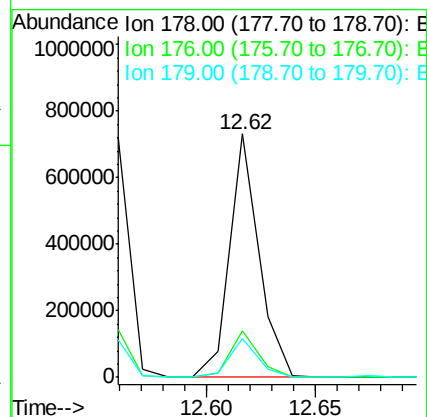
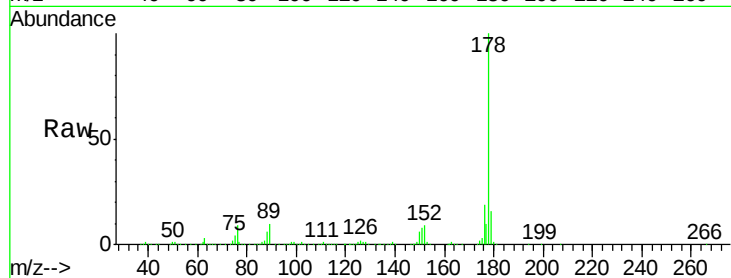




#71
 Anthracene
 Concen: 37.56 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

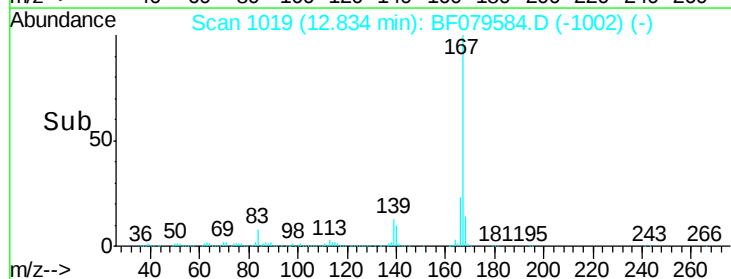
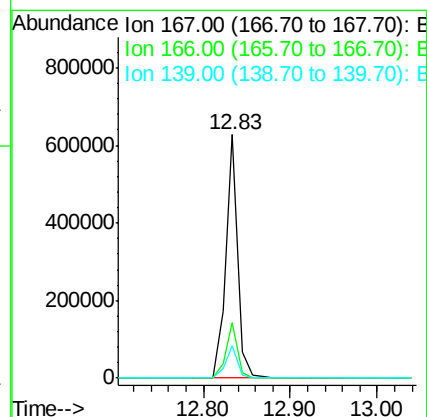
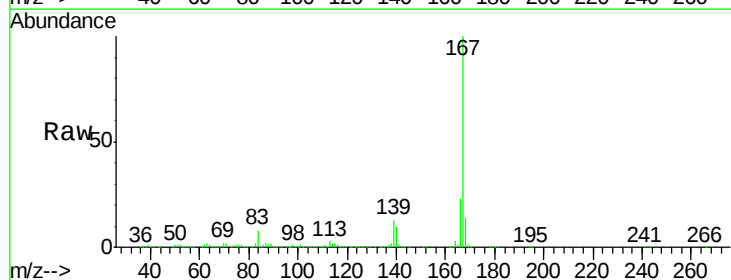
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

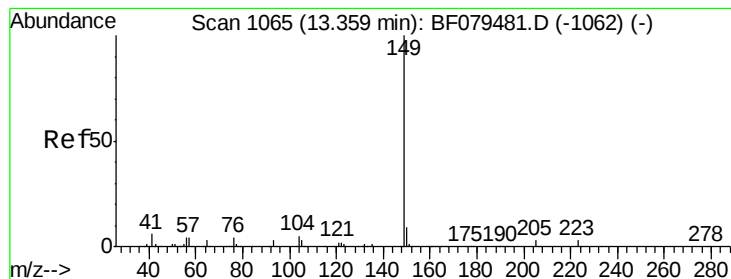
Tgt Ion:178 Resp: 683013
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.3 22.9
 179 15.8 12.2 18.4



#72
 Carbazole
 Concen: 34.78 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:167 Resp: 608860
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.0 25.4
 139 13.1 11.2 16.8





#73

Di-n-butylphthalate

Concen: 37.50 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

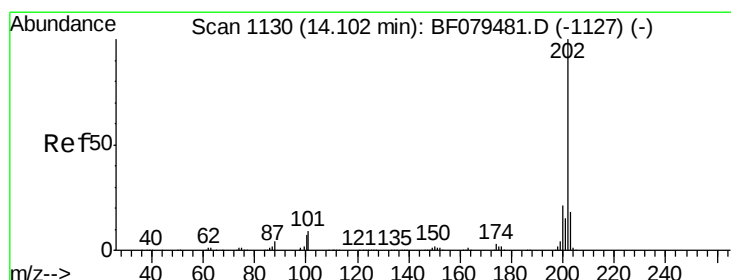
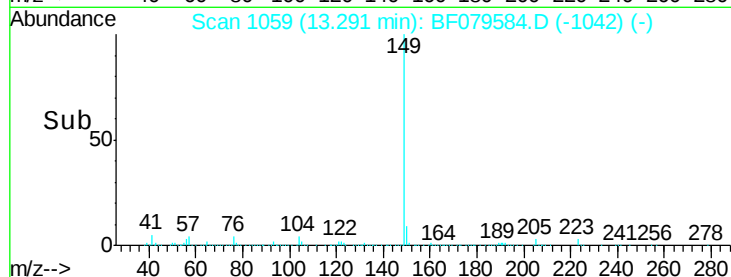
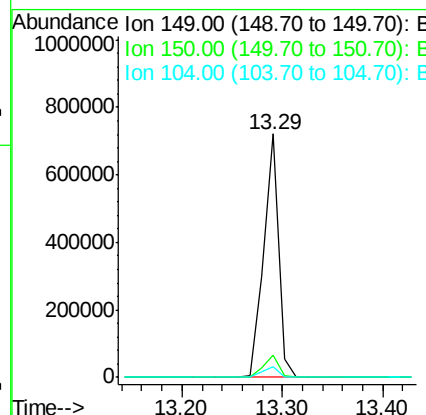
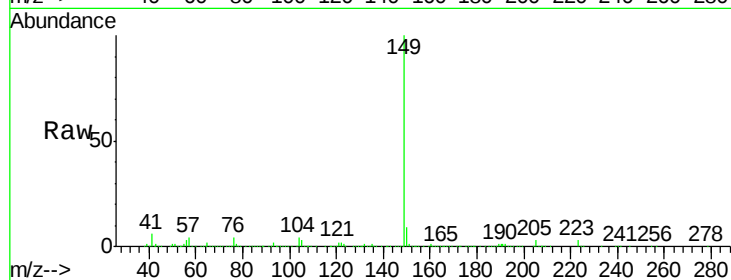
Instrument :

BNA_F

ClientSampleId :

SB-23DMS

Tgt Ion:	149	Resp:	740476
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.3	3.6	5.4



#74

Fluoranthene

Concen: 40.40 ng

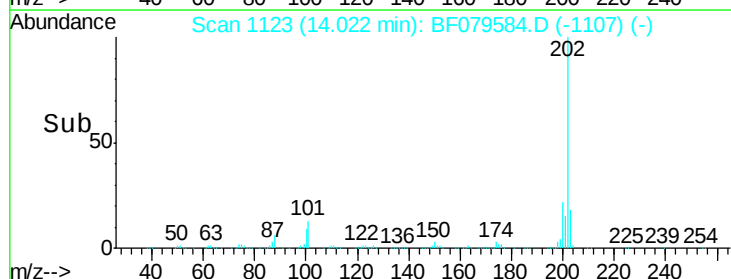
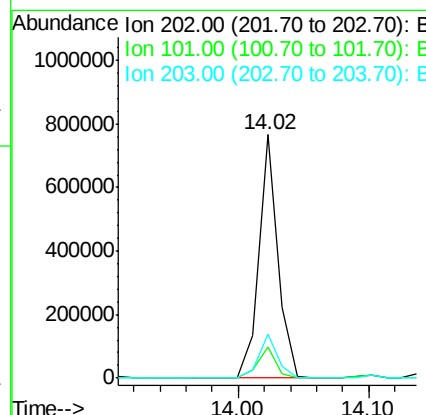
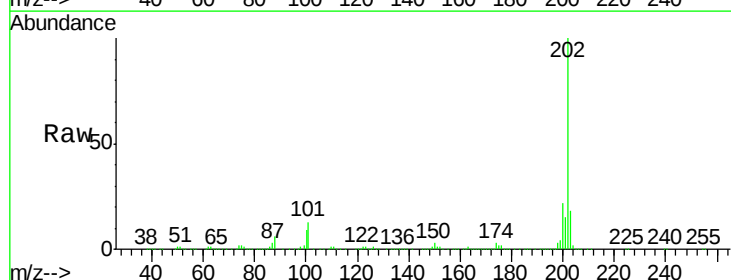
RT: 14.02 min Scan# 1123

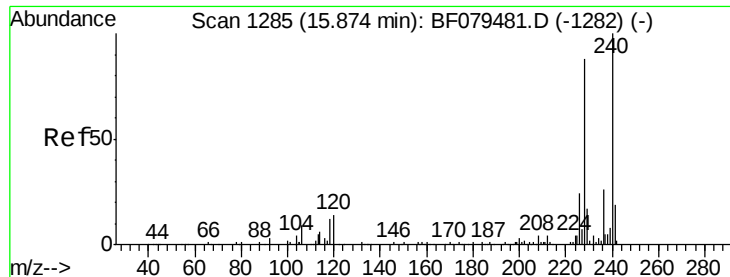
Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Tgt Ion:	202	Resp:	775955
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	29.3
203	18.1	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.08 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

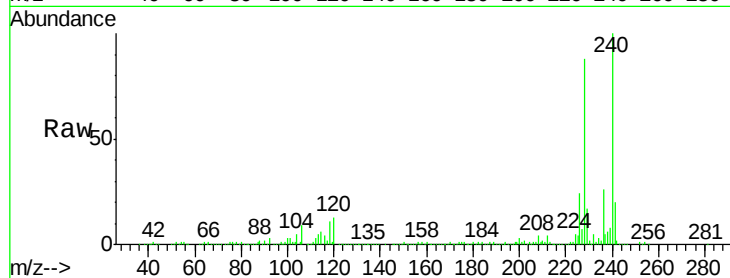
Tgt Ion:240 Resp: 304212

Ion Ratio Lower Upper

240 100

120 13.1 10.8 16.2

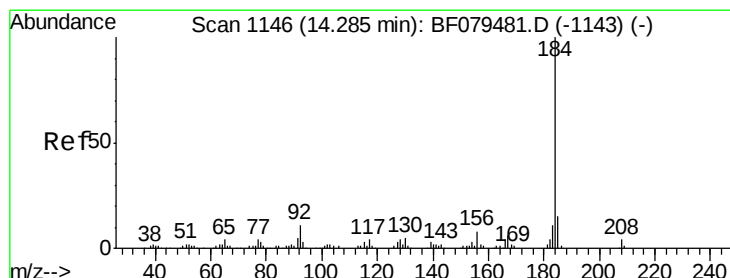
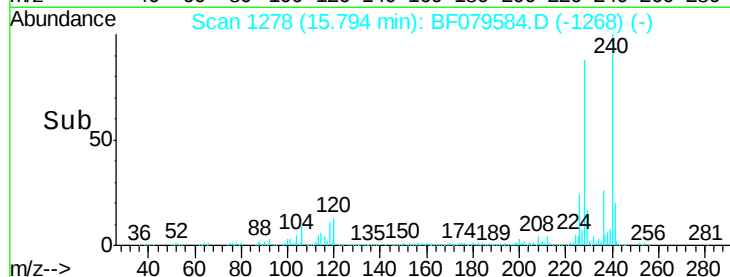
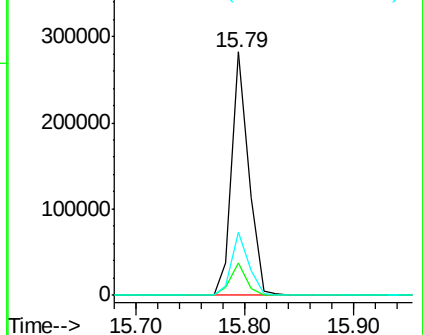
236 26.1 21.0 31.6



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: 42.90 ng

RT: 14.22 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

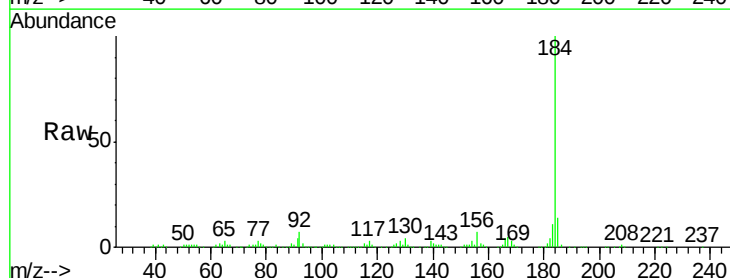
Tgt Ion:184 Resp: 279500

Ion Ratio Lower Upper

184 100

185 13.9 12.1 18.1

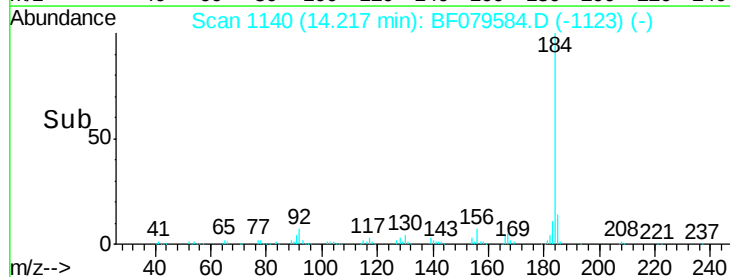
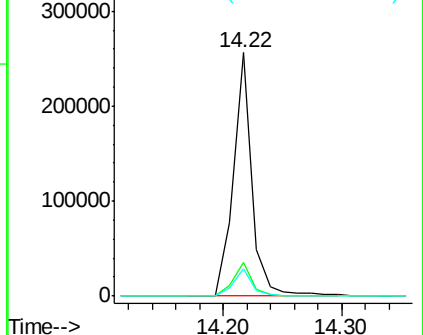
183 11.4 8.6 12.8

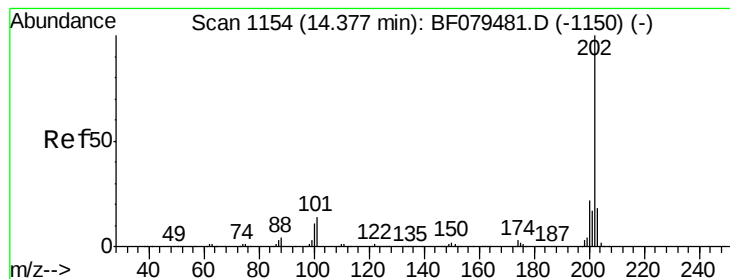


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.44 ng

RT: 14.30 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

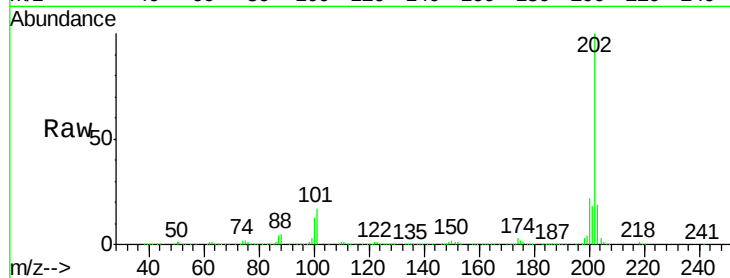
Tgt Ion: 202 Resp: 818620

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

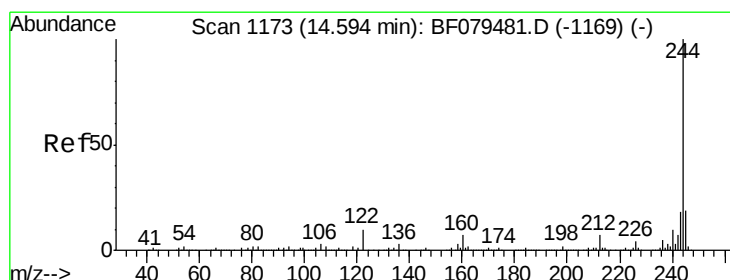
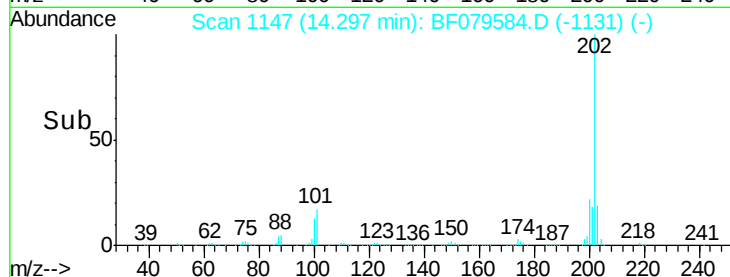
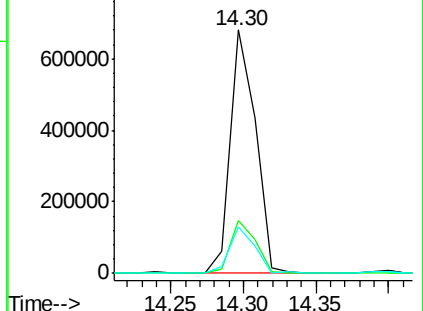
203 19.3 14.4 21.6



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: 68.01 ng

RT: 14.51 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

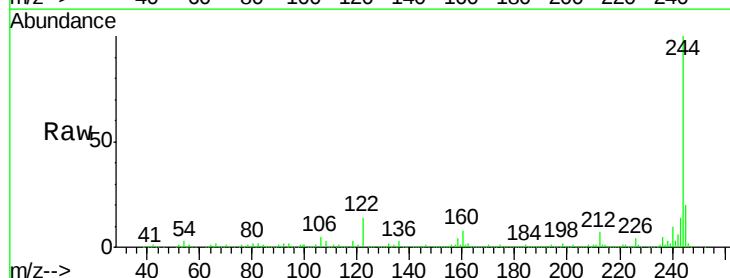
Tgt Ion: 244 Resp: 881527

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

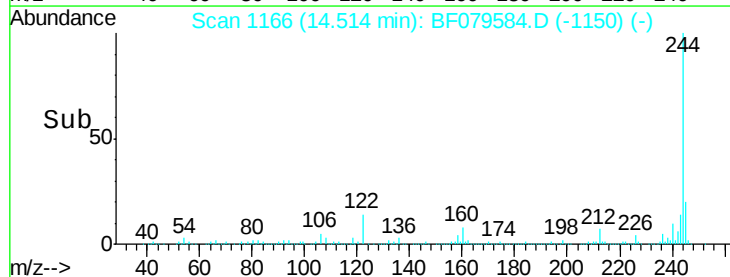
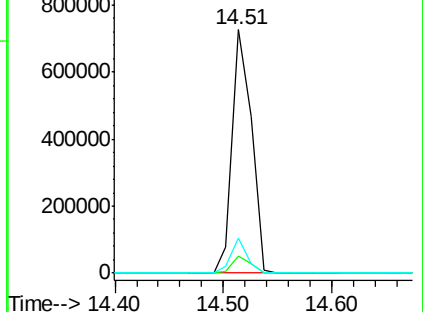
122 14.2 8.0 12.0#

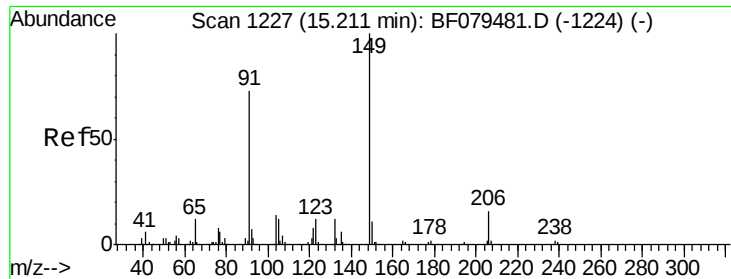


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

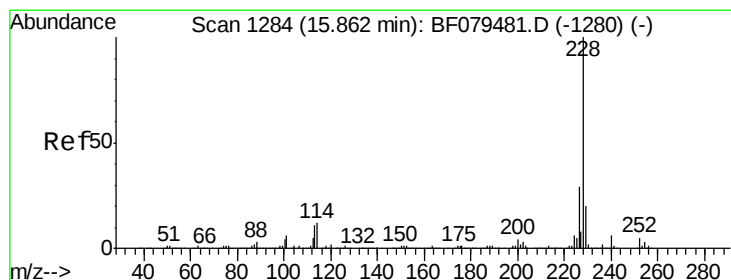
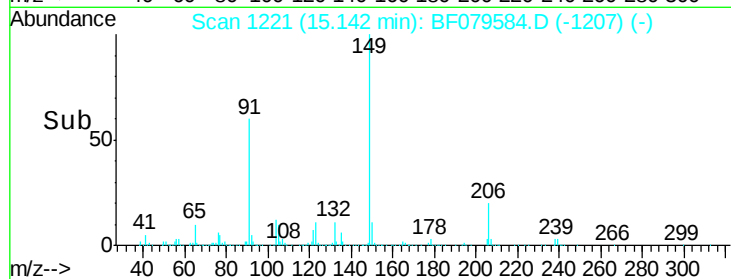
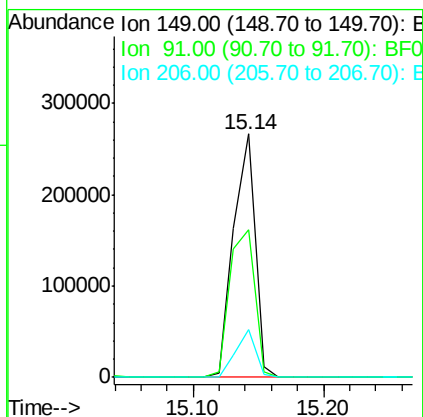
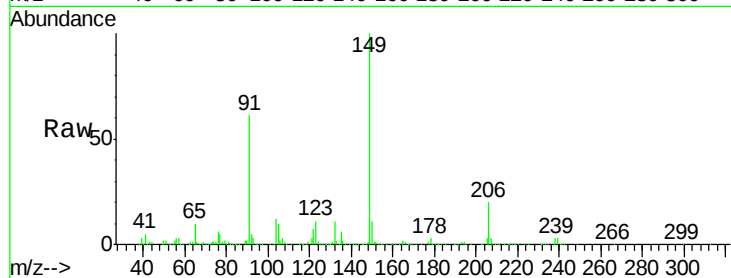




#79
Butylbenzylphthalate
Concen: 36.23 ng
RT: 15.14 min Scan# 1221
Delta R.T. -0.03 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

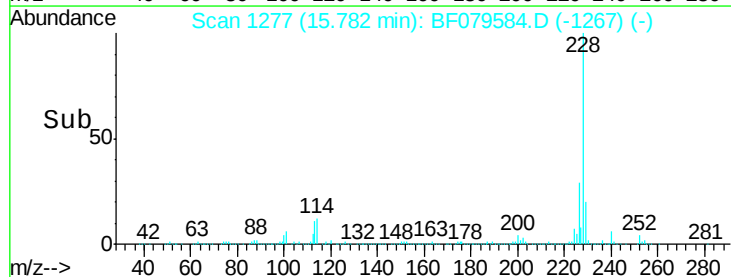
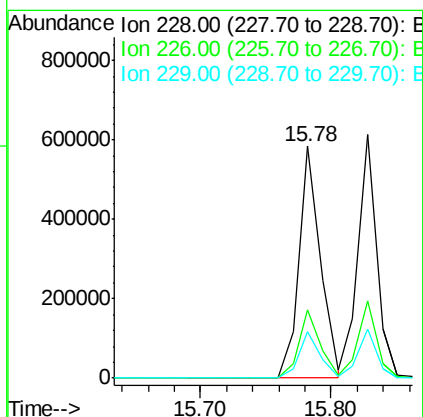
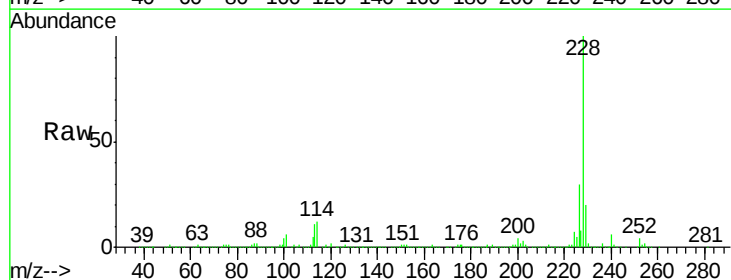
Instrument :
BNA_F
ClientSampleId :
SB-23DMS

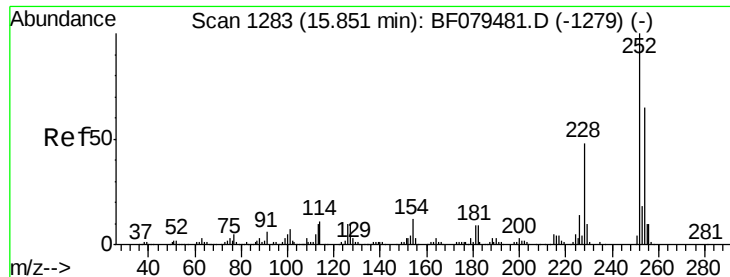
Tgt Ion:149 Resp: 307095
Ion Ratio Lower Upper
149 100
91 60.5 58.1 87.1
206 19.7 13.1 19.7#



#80
Benzo(a)anthracene
Concen: 38.08 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.08 min
Lab File: BF079584.D
Acq: 30 May 2015 4:42

Tgt Ion:228 Resp: 666379
Ion Ratio Lower Upper
228 100
226 29.5 22.8 34.2
229 19.9 15.9 23.9

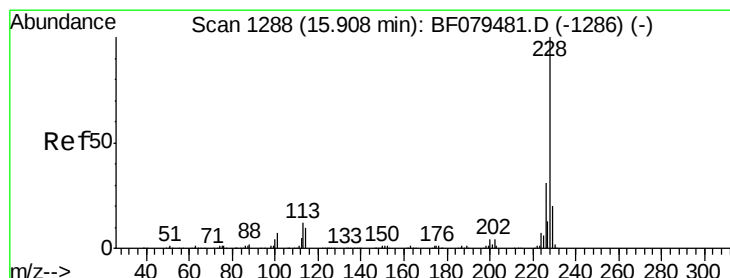
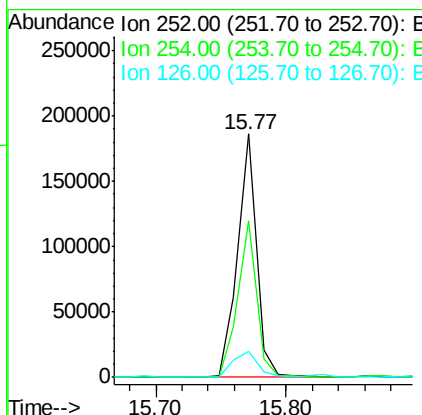
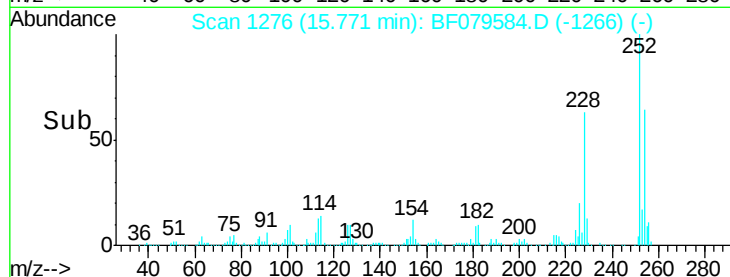
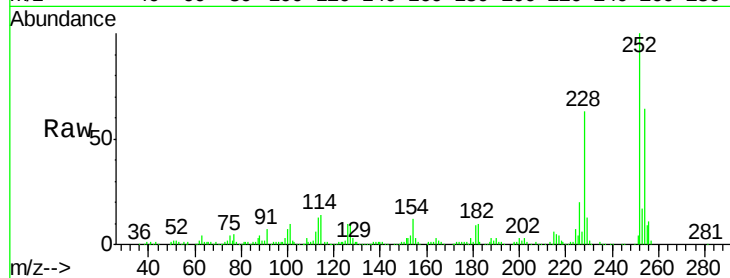




#81
 3,3'-Dichlorobenzidine
 Concen: 29.55 ng
 RT: 15.77 min Scan# 1276
 Delta R.T. -0.08 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

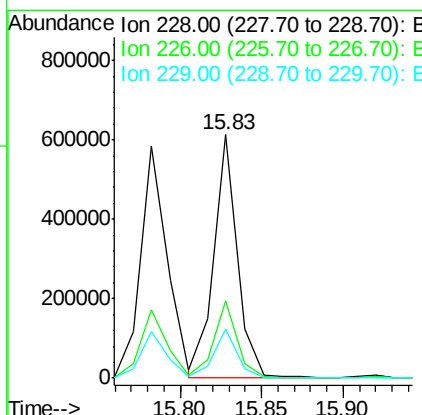
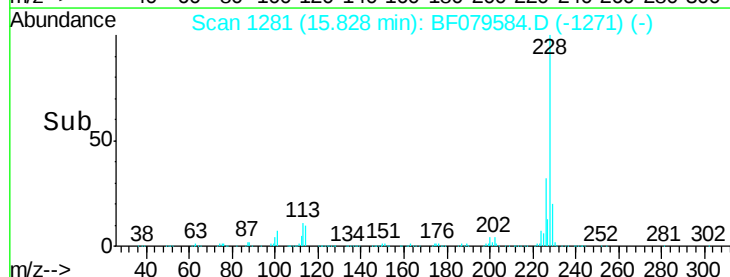
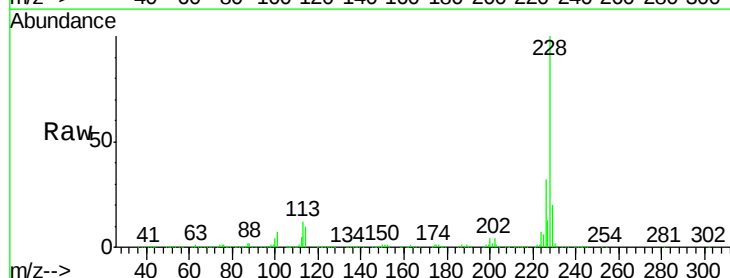
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

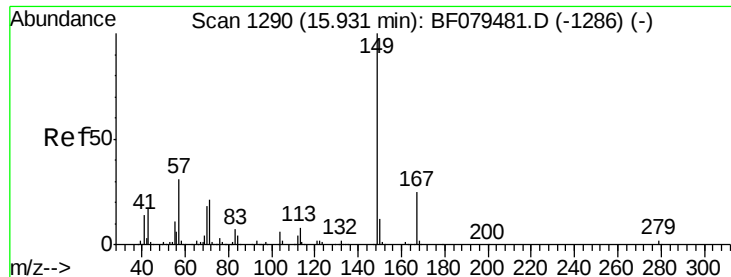
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.1	78.1
126	10.4	8.2	12.2



#82
 Chrysene
 Concen: 36.79 ng
 RT: 15.83 min Scan# 1281
 Delta R.T. -0.08 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.4
229	20.3	15.9	23.9

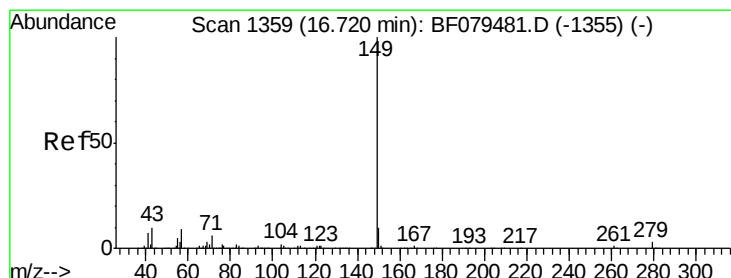
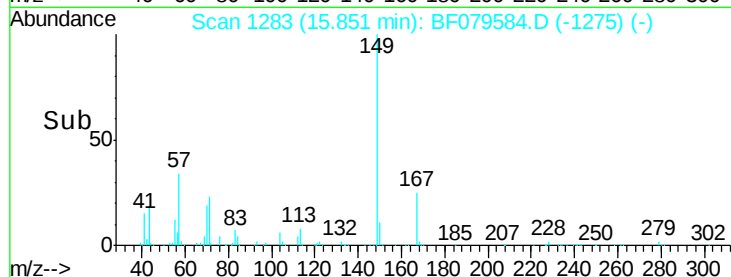
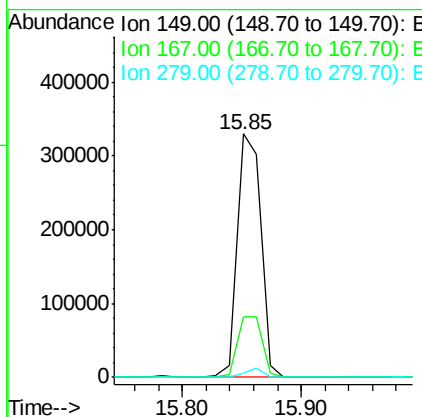
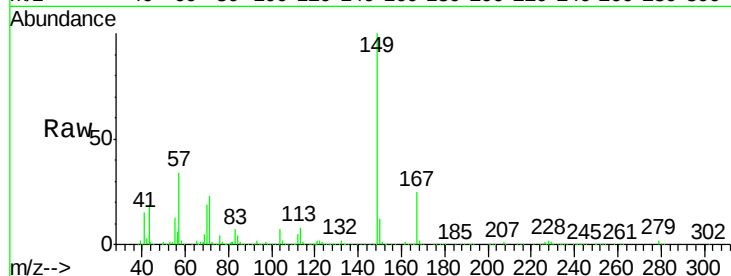




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.63 ng
 RT: 15.85 min Scan# 1283
 Delta R.T. -0.10 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

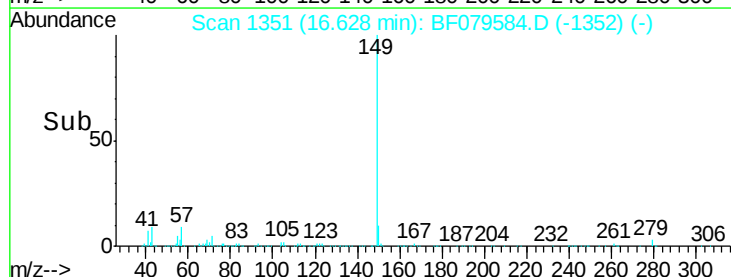
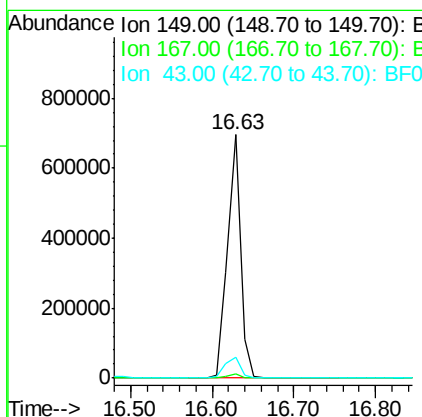
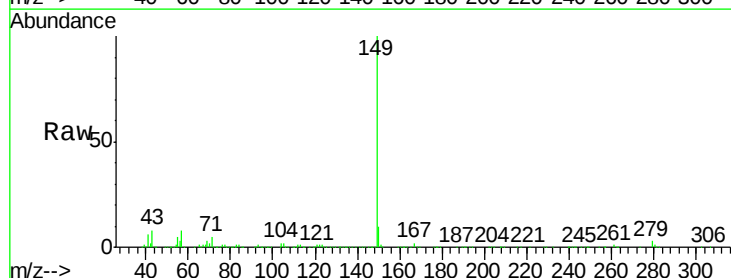
Instrument :
 BNA_F
 ClientSampleId :
 SB-23DMS

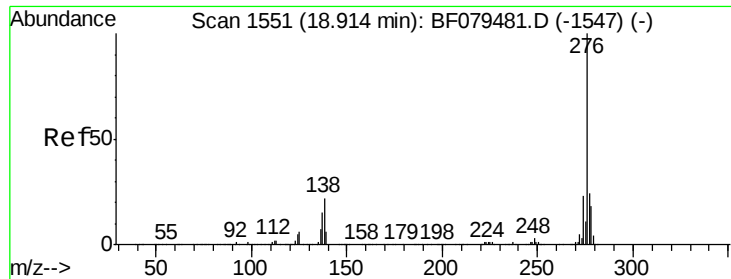
Tgt Ion:149 Resp: 456951
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.2 30.4
 279 2.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 36.57 ng
 RT: 16.63 min Scan# 1351
 Delta R.T. -0.21 min
 Lab File: BF079584.D
 Acq: 30 May 2015 4:42

Tgt Ion:149 Resp: 772977
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.2 7.8 11.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.32 ng

RT: 19.11 min Scan# 1568

Delta R.T. -0.10 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

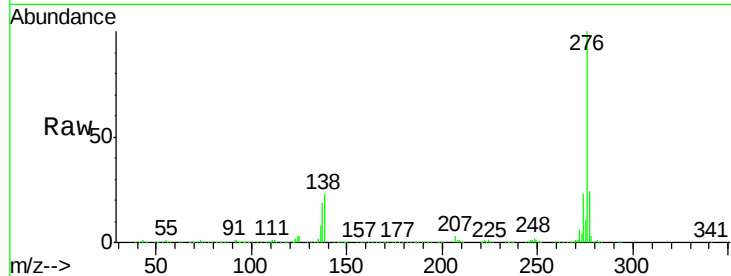
Tgt Ion:276 Resp: 648762

Ion Ratio Lower Upper

276 100

138 21.9 21.4 32.2

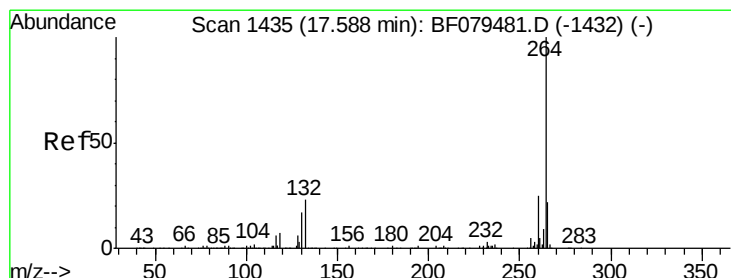
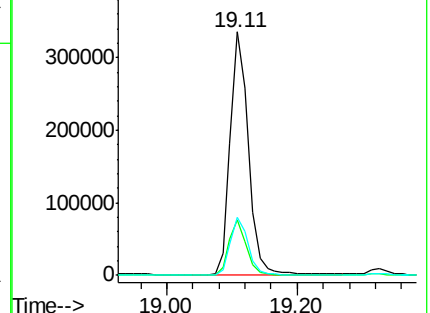
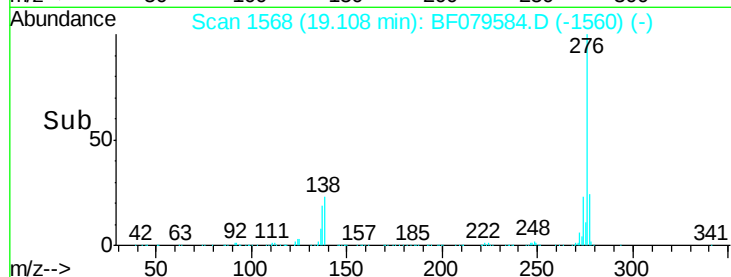
277 23.4 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.75 min Scan# 1449

Delta R.T. -0.06 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

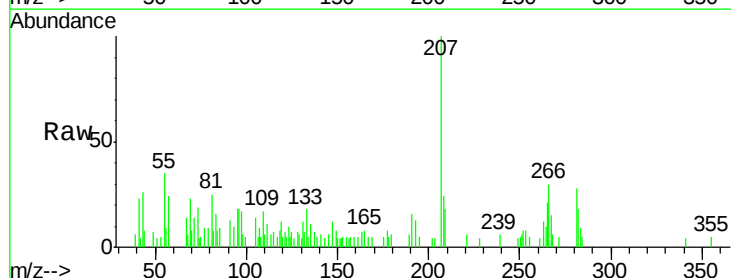
Tgt Ion:264 Resp: 1575

Ion Ratio Lower Upper

264 100

260 0.0 19.8 29.8#

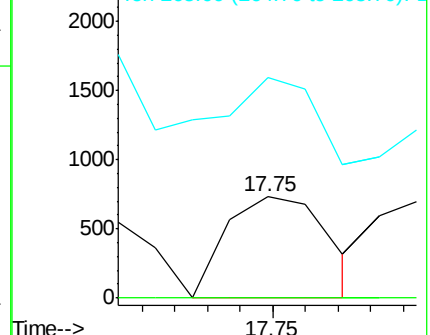
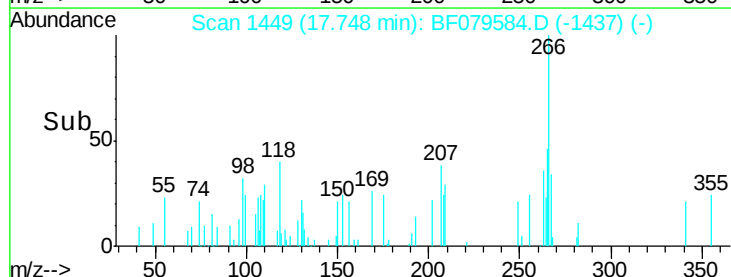
265 217.3 17.8 26.6#

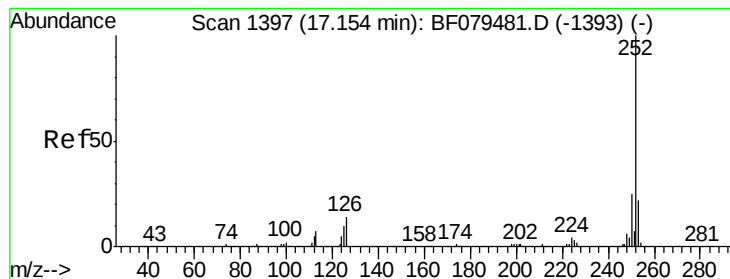


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 251.72 ng

RT: 17.15 min Scan# 1397

Delta R.T. -0.15 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampleId :

SB-23DMS

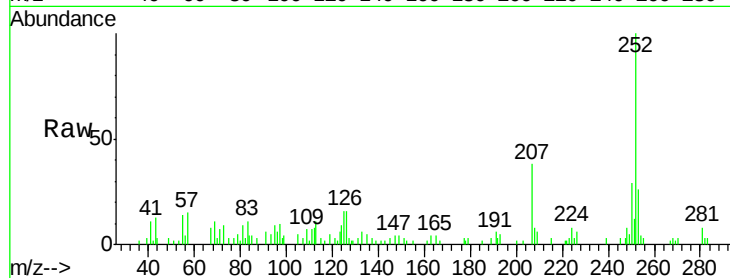
Tgt Ion:252 Resp: 22611

Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

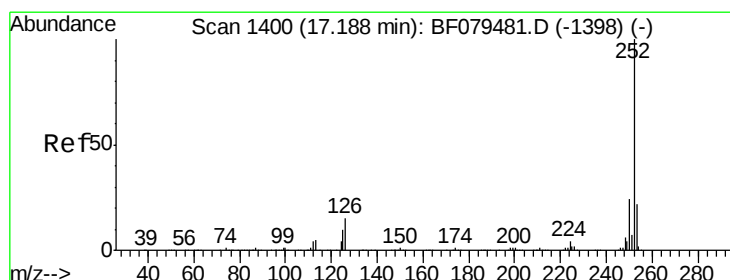
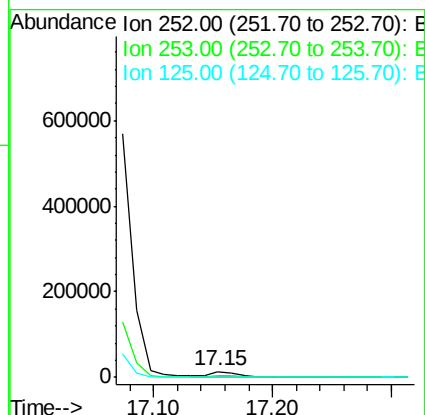
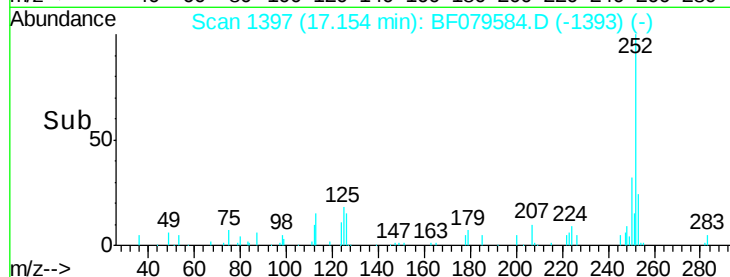
125 15.6 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 462.98 ng

RT: 17.35 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

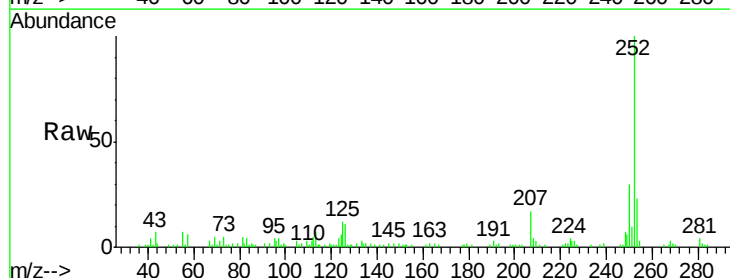
Tgt Ion:252 Resp: 37191

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

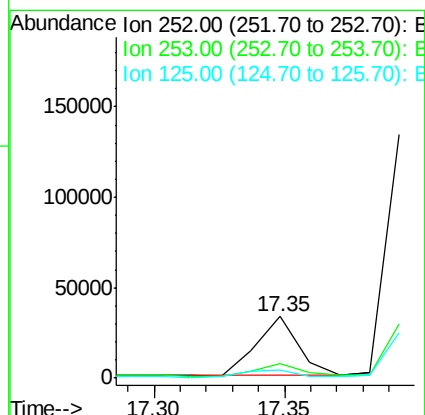
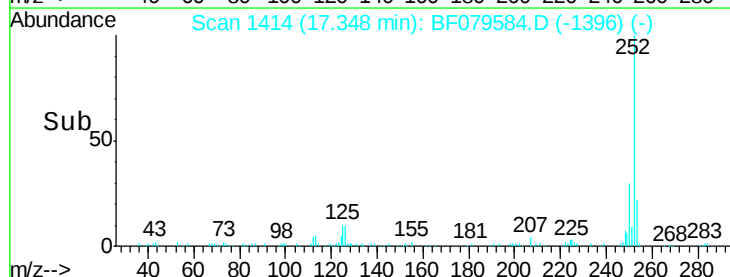
125 12.4 6.8 10.2#

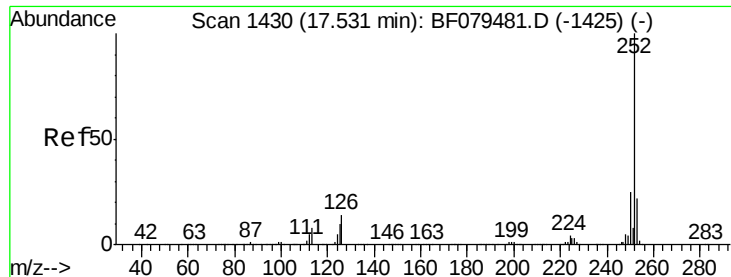


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.97 ng

RT: 17.66 min Scan# 1441

Delta R.T. -0.08 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

Instrument :

BNA_F

ClientSampled :

SB-23DMS

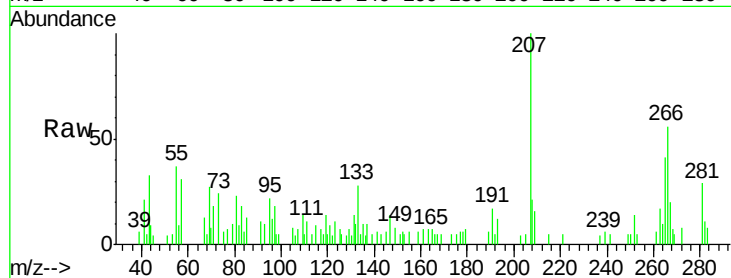
Tgt Ion:252 Resp: 451

Ion Ratio Lower Upper

252 100

253 34.2 17.8 26.8#

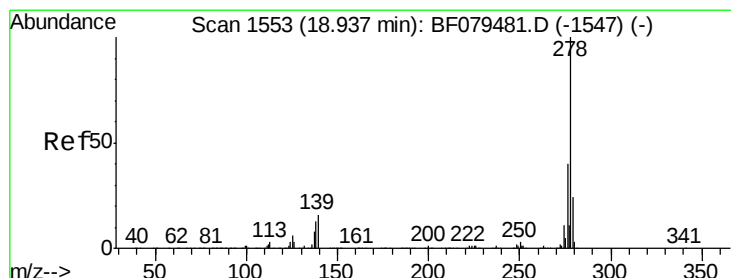
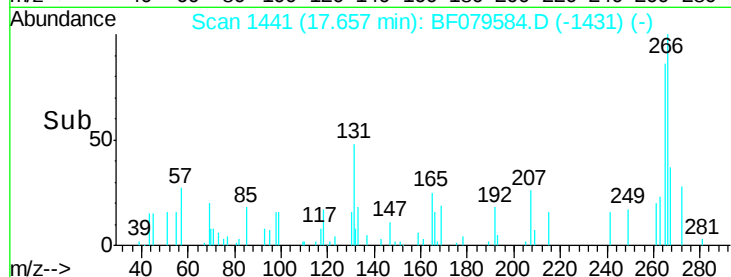
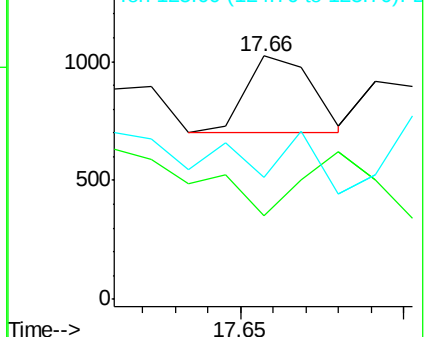
125 50.2 7.9 11.9#



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: 31.09 ng

RT: 19.20 min Scan# 1576

Delta R.T. -0.05 min

Lab File: BF079584.D

Acq: 30 May 2015 4:42

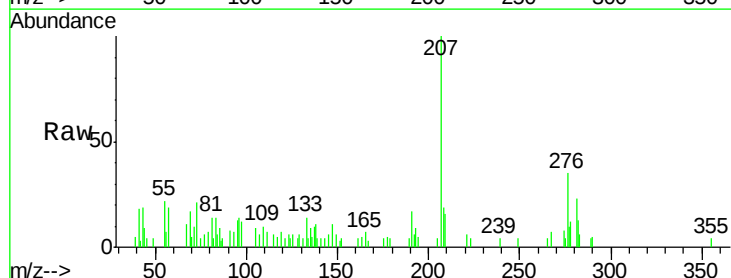
Tgt Ion:278 Resp: 2601

Ion Ratio Lower Upper

278 100

139 36.0 12.8 19.2#

279 0.0 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

