

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082280.D
 Acq On : 14 Oct 2015 15:30
 Operator : UM/IZ
 Sample : G4015-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Quant Time: Oct 15 01:46:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	65436	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	251642	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	105828	20.00	ng	0.03
63) Phenanthrene-d10	11.42	188	175326	20.00	ng	0.06
75) Chrysene-d12	14.17	240	83572	20.00	ng	0.05
86) Perylene-d12	15.76	264	102841	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	215653	66.51	ng	0.00
7) Phenol-d6	6.47	99	429209	101.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	292333	78.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	21929	22.10	ng	0.05
44) 2-Fluorobiphenyl	9.21	172	578885	90.71	ng	0.01
78) Terphenyl-d14	13.04	244	347965	110.33	ng	0.06

Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.04	42	4642	2.89	ng	# 60
9) Benzaldehyde	6.34	77	203545	94.47	ng	# 1
10) Phenol	6.49	94	186441	38.33	ng	# 84
11) bis(2-Chloroethyl)ether	6.51	93	10203	2.48	ng	# 1
15) Benzyl Alcohol	6.98	79	327129	112.31	ng	# 99
17) 2-Methylphenol	7.09	107	82411	26.33	ng	# 98
18) Hexachloroethane	7.36	117	24705	14.99	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	30979	10.46	ng	# 44
20) 3+4-Methylphenols	7.09	107	82411	22.10	ng	# 52
22) Acetophenone	7.22	105	80240	16.12	ng	# 51
24) Nitrobenzene	7.36	77	19389	4.78	ng	# 20
28) bis(2-Chloroethoxy)methane	7.87	93	18904	4.30	ng	# 58
31) Naphthalene	8.14	128	216205	19.82	ng	# 99
35) Caprolactam	8.57	113	3064	3.24	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	17274	5.42	ng	# 22
37) 2-Methylnaphthalene	8.82	142	47147	6.23	ng	# 95
45) 1,1'-Biphenyl	9.31	154	23405	2.90	ng	# 75
49) Dimethylphthalate	9.61	163	47973	6.44	ng	# 94
51) Acenaphthene	9.94	154	25838	4.35	ng	# 87
53) 2,4-Dinitrophenol	10.14	184	460	6.88	ng	# 1
54) Dibenzofuran	10.11	168	45964	5.64	ng	# 69
55) 4-Nitrophenol	10.11	139	20862	23.21	ng	# 39
57) Fluorene	10.47	166	40760	6.08	ng	# 80
65) n-Nitrosodiphenylamine	10.56	169	22916	4.37	ng	# 82
70) Phenanthrene	11.44	178	376709	43.83	ng	# 91
71) Anthracene	11.44	178	376709	42.54	ng	# 92
72) Carbazole	11.63	167	46528	5.76	ng	# 5
73) Di-n-butylphthalate	11.97	149	75074	7.53	ng	# 45
74) Fluoranthene	12.66	202	155664	16.86	ng	# 55
77) Pyrene	12.89	202	135441	27.31	ng	# 50
79) Butylbenzylphthalate	13.51	149	12180	5.38	ng	# 41
80) Benzo(a)anthracene	14.17	228	85709	19.71	ng	# 27
81) 3,3'-Dichlorobenzidine	14.15	252	8062	4.88	ng	# 1
82) Chrysene	14.17	228	85709	18.71	ng	# 33

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:42:16 2015
Response via : Initial Calibration

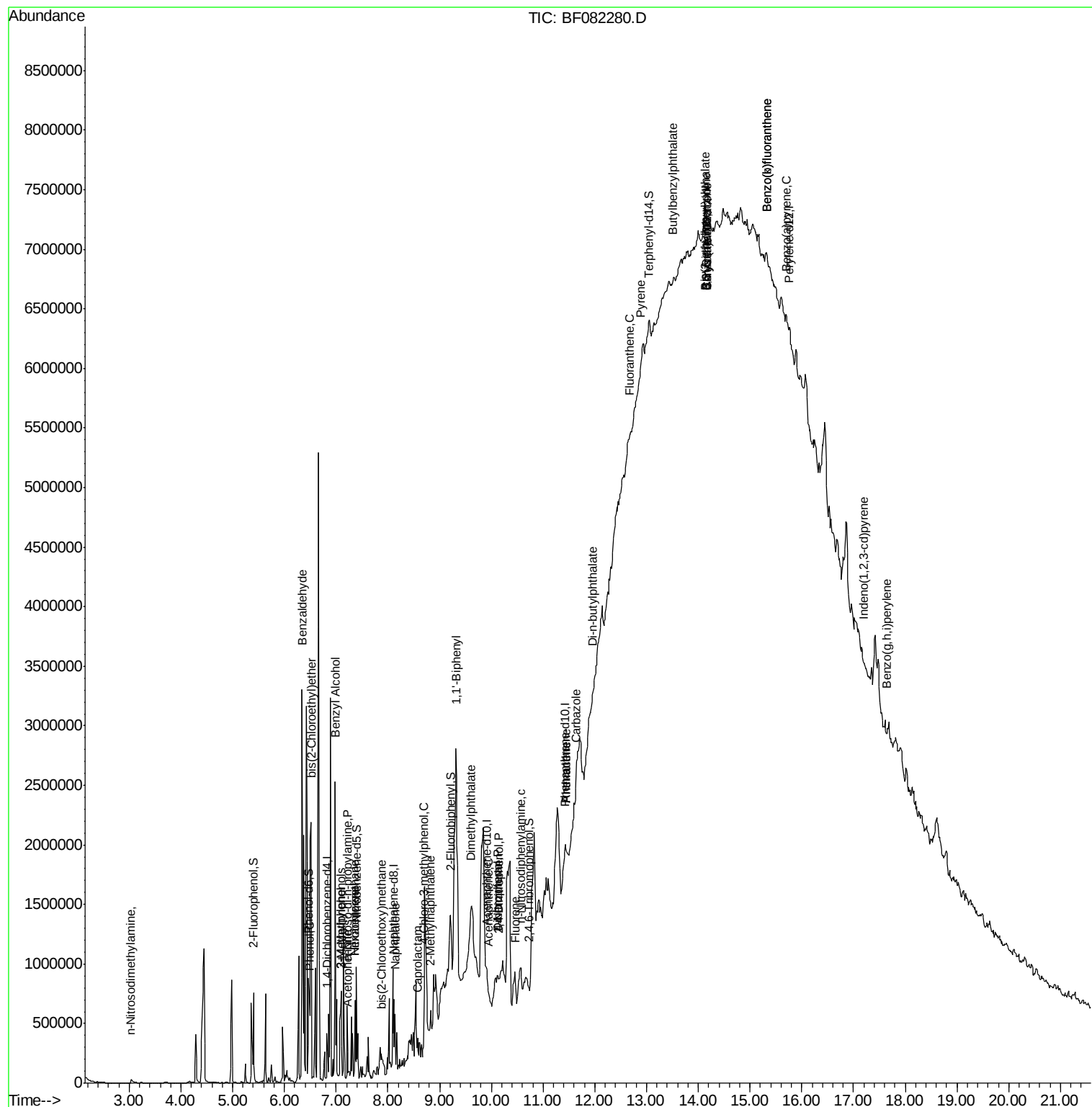
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	14.13	149	448102	138.77	ng	# 83
85) Indeno(1,2,3-cd)pyrene	17.20	276	24534	6.74	ng	# 91
87) Benzo(b)fluoranthene	15.33	252	63494	10.15	ng	# 1
88) Benzo(k)fluoranthene	15.33	252	63494	12.07	ng	# 1
89) Benzo(a)pyrene	15.70	252	26801	4.98	ng	# 1
91) Benzo(a,h,i)perylene	17.64	276	23380	5.46	ng	# 9

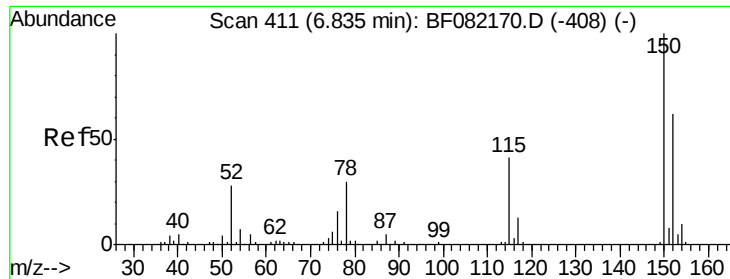
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

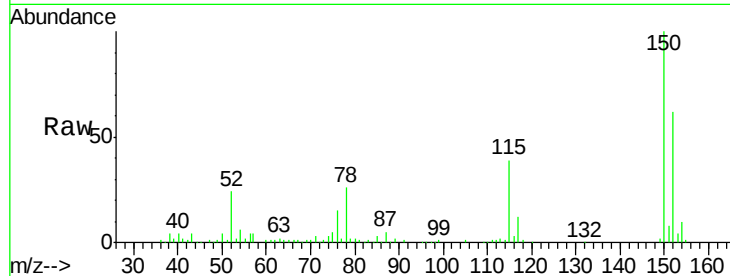
Tot Ion:152 Resp: 65436

Ion Ratio Lower Upper

152 100

150 160.2 129.0 193.4

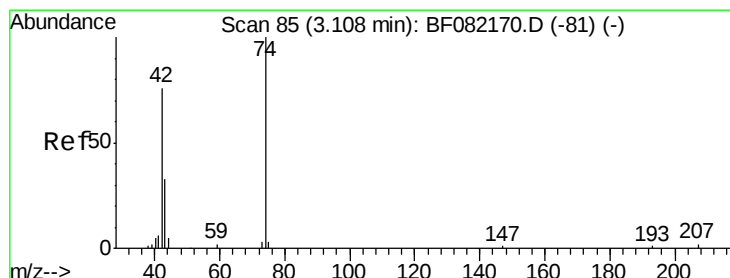
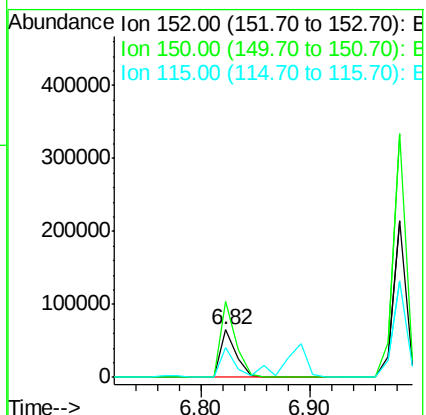
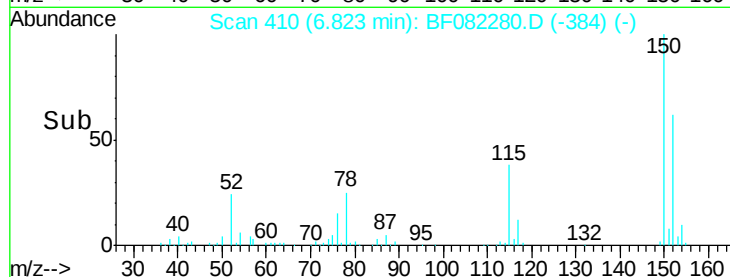
115 62.1 52.1 78.1



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



#4

n-Nitrosodimethylamine

Concen: 2.89 ng

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

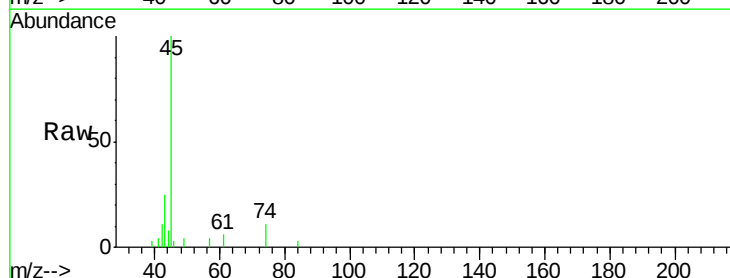
Tgt Ion: 42 Resp: 4642

Ion Ratio Lower Upper

42 100

74 94.5 105.7 158.5#

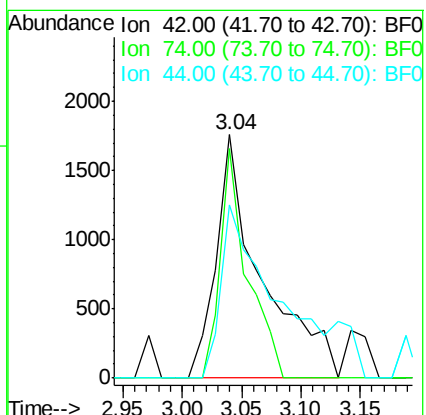
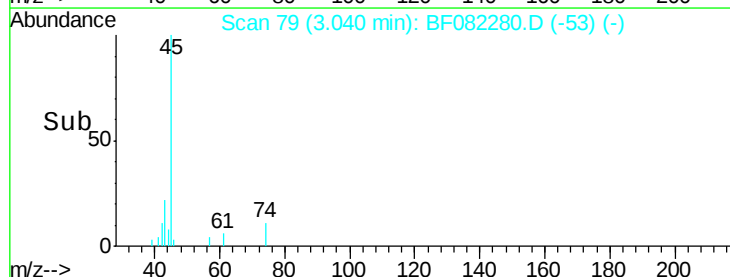
44 71.2 5.4 8.2#

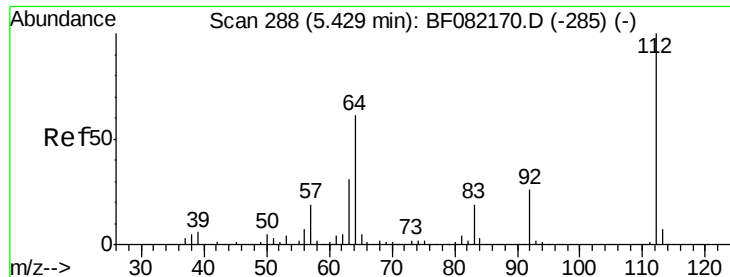


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.51 ng

RT: 5.41 min Scan# 286

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

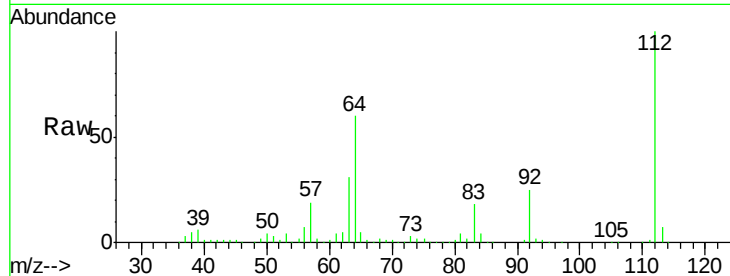
Tot Ion: 112 Resp: 215653

Ion Ratio Lower Upper

112 100

64 59.7 48.6 73.0

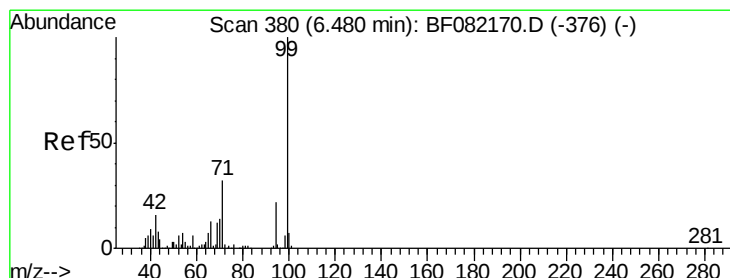
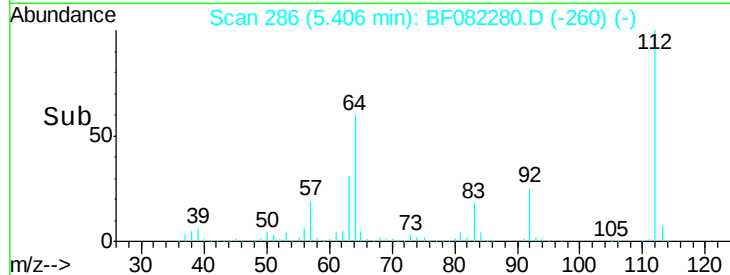
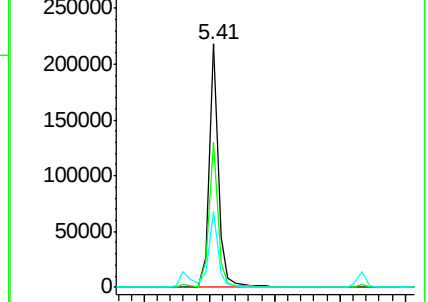
63 31.0 25.1 37.7



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



#7

Phenol-d6

Concen: 101.73 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

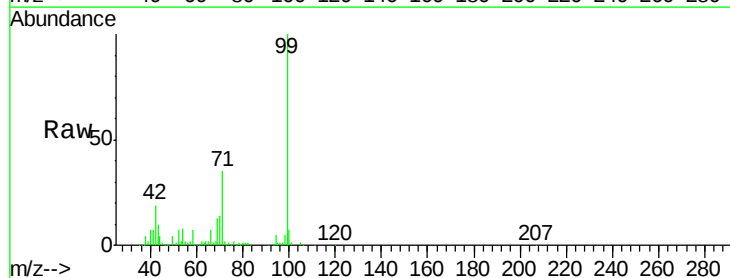
Tgt Ion: 99 Resp: 429209

Ion Ratio Lower Upper

99 100

42 18.5 13.2 19.8

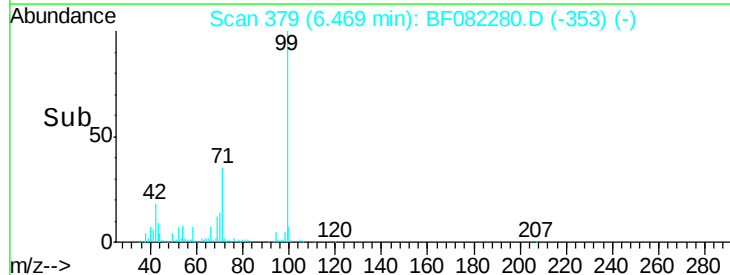
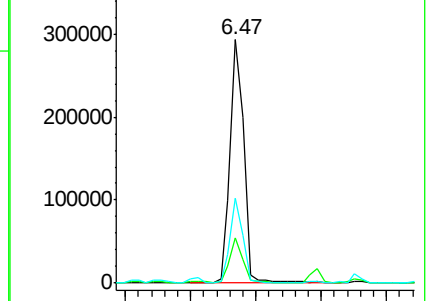
71 34.7 25.6 38.4

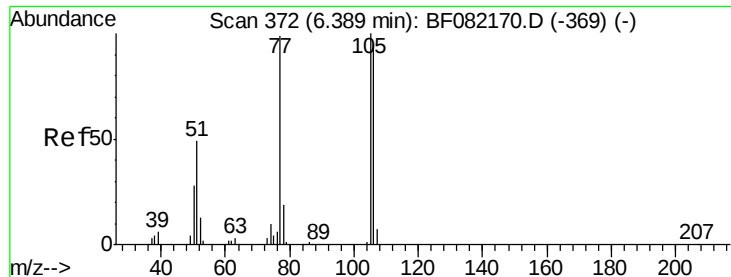


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 94.47 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

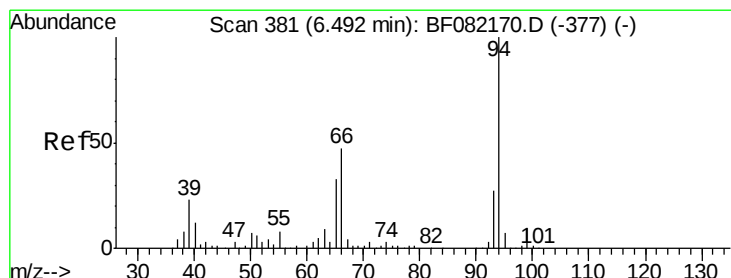
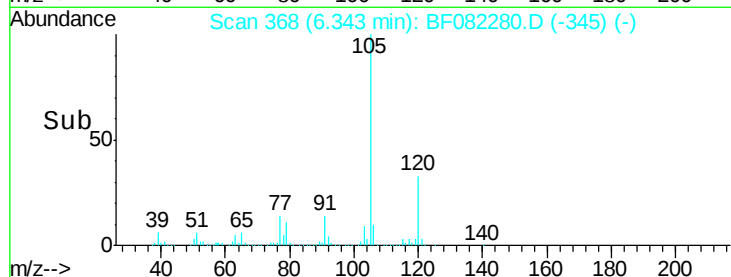
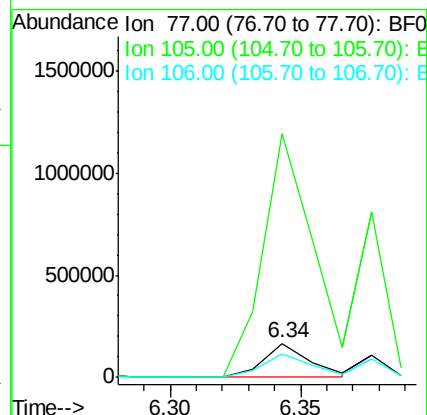
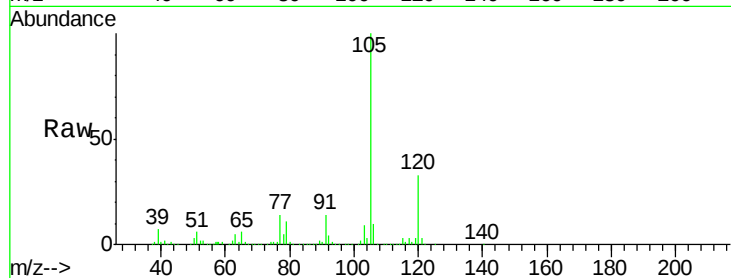
Tot Ion: 77 Resp: 203545

Ion Ratio Lower Upper

77 100

105 722.1 80.6 120.6#

106 71.3 75.5 115.5#



#10

Phenol

Concen: 38.33 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

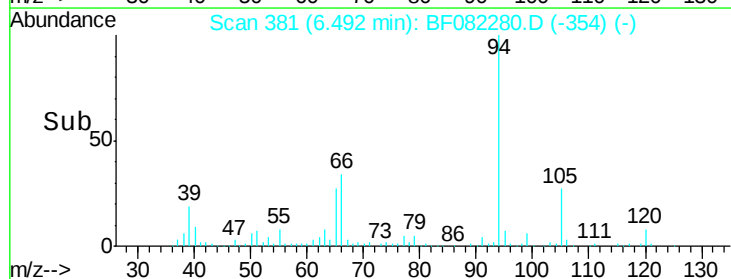
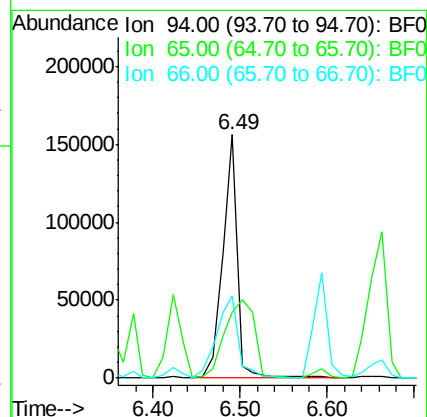
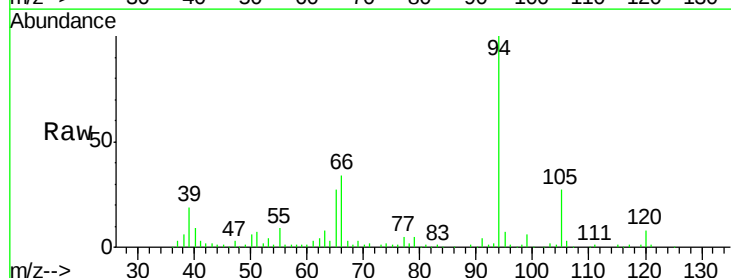
Tgt Ion: 94 Resp: 186441

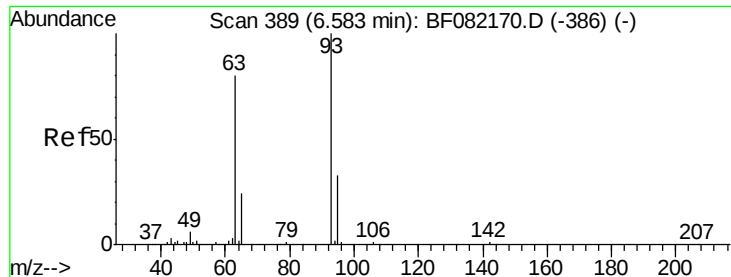
Ion Ratio Lower Upper

94 100

65 27.2 12.6 52.6

66 33.6 27.3 67.3

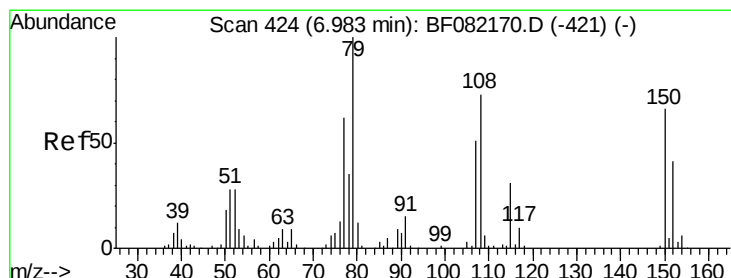
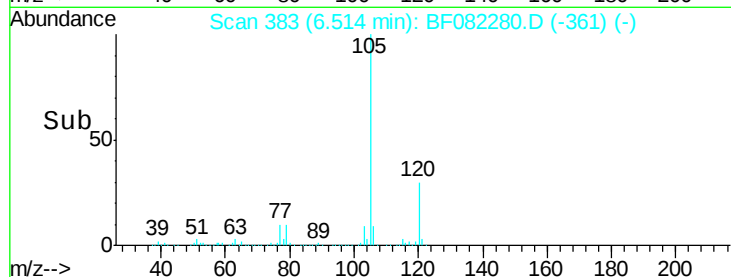
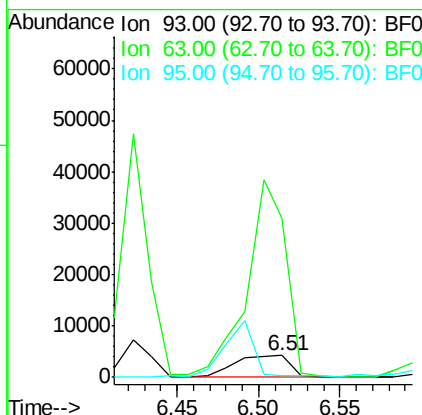
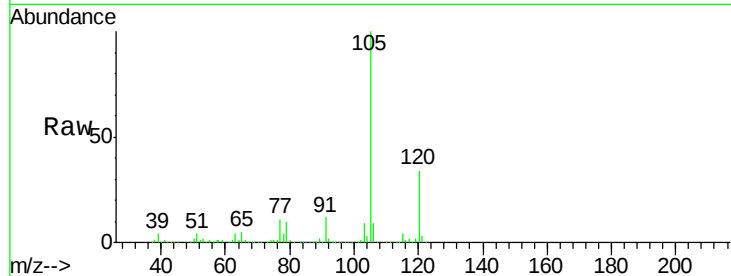




#11
bis(2-Chloroethyl)ether
Concen: 2.48 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

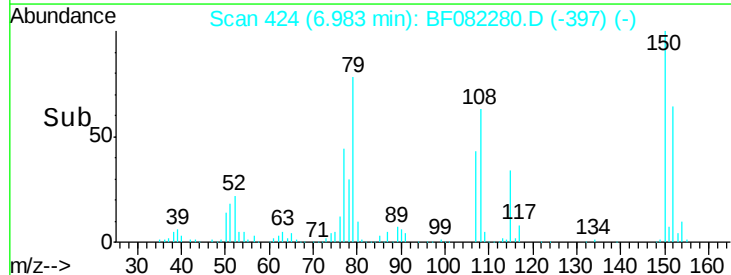
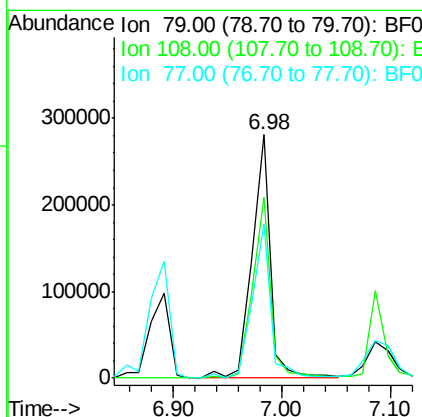
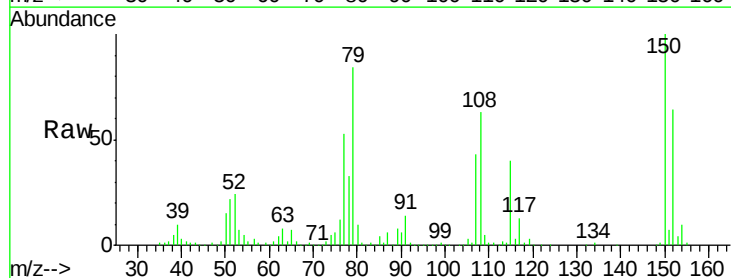
Instrument :
BNA_F
ClientSampleId :
CF-2

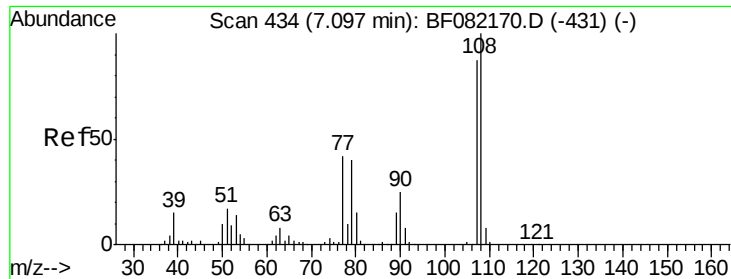
Tot Ion: 93 Resp: 10203
Ion Ratio Lower Upper
93 100
63 725.0 57.1 97.1#
95 8.4 11.9 51.9#



#15
Benzyl Alcohol
Concen: 112.31 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion: 79 Resp: 327129
Ion Ratio Lower Upper
79 100
108 74.2 58.4 87.6
77 63.0 49.8 74.6





#17

2-Methylphenol

Concen: 26.33 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

Tot Ion:107 Resp: 82411

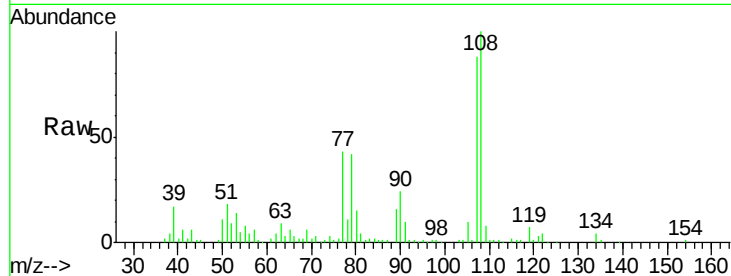
Ion Ratio Lower Upper

107 100

108 113.0 92.2 138.2

77 48.6 39.6 59.4

79 47.0 38.2 57.4

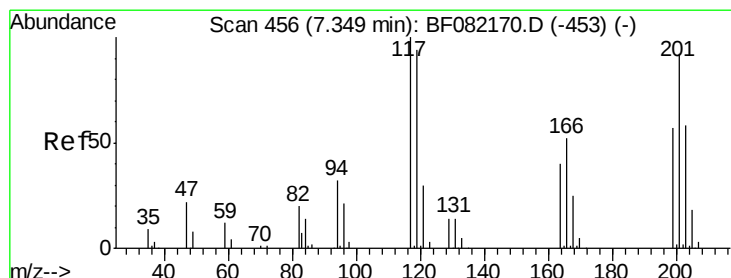
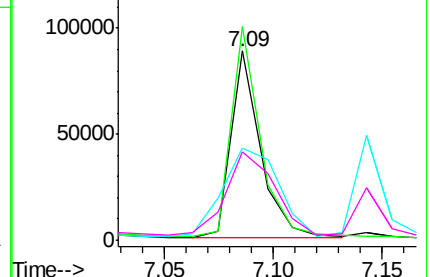
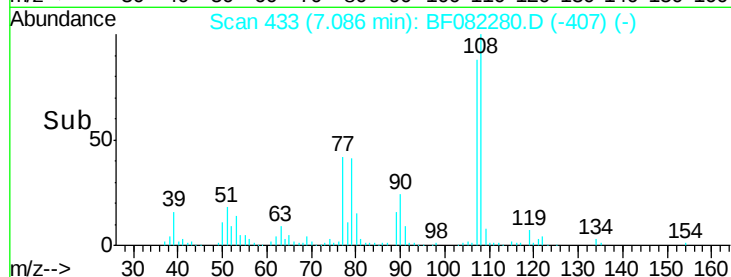


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 14.99 ng

RT: 7.36 min Scan# 457

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

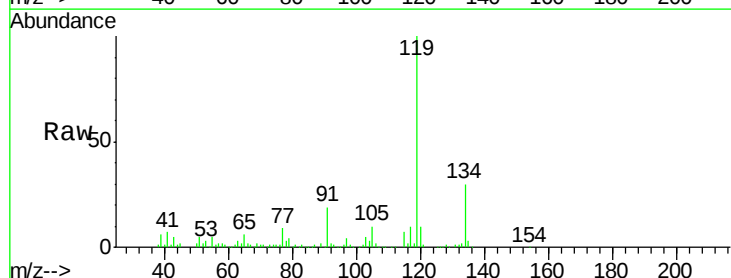
Tgt Ion:117 Resp: 24705

Ion Ratio Lower Upper

117 100

119 1009.0 75.4 113.2#

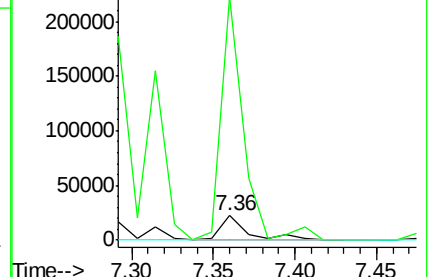
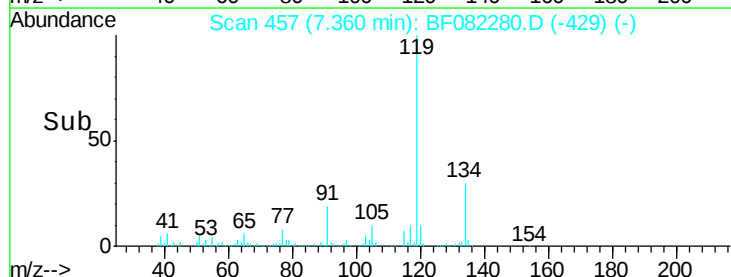
201 0.0 73.4 110.0#

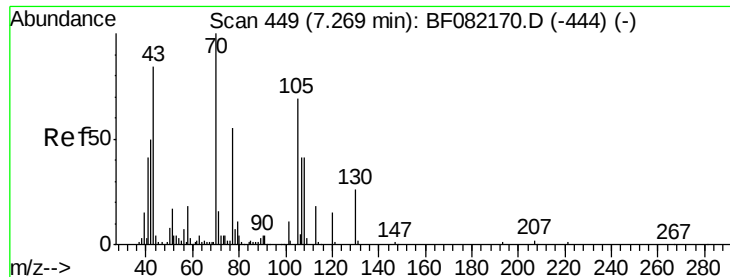


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

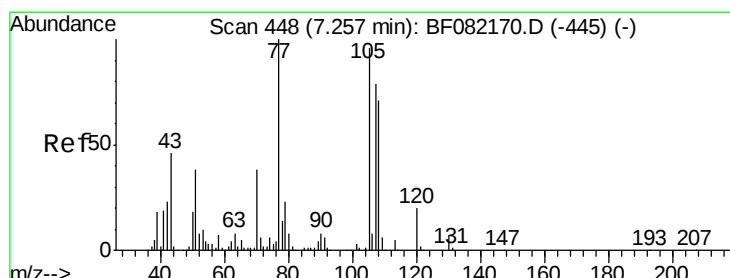
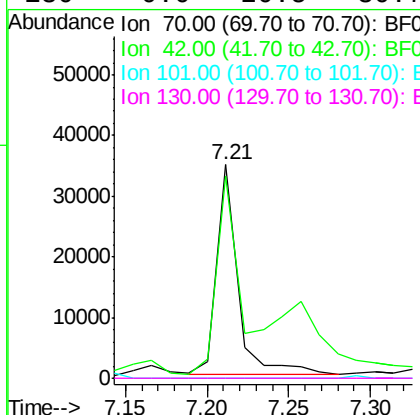
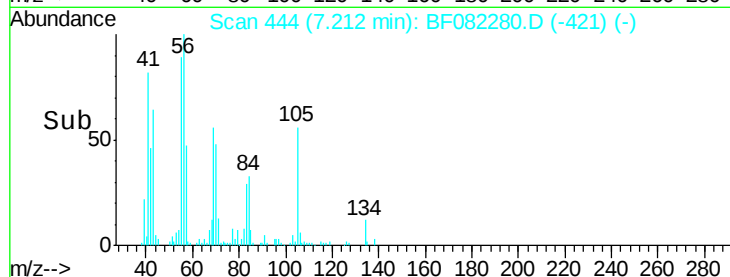
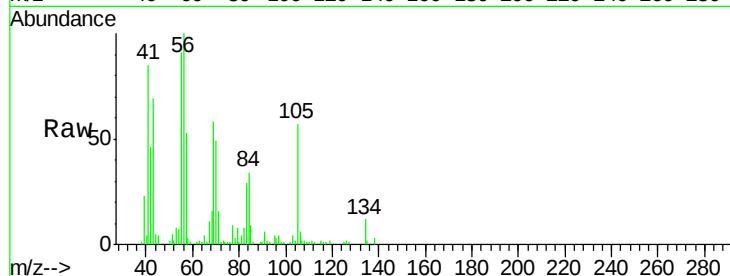




#19
n-Nitroso-di-n-propylamine
Concen: 10.46 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

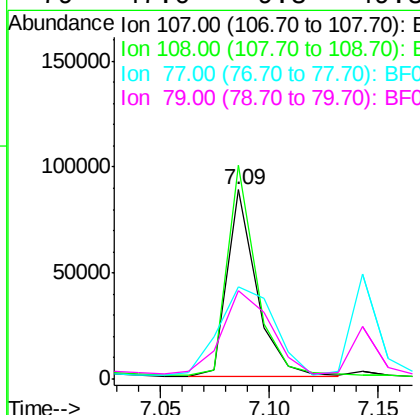
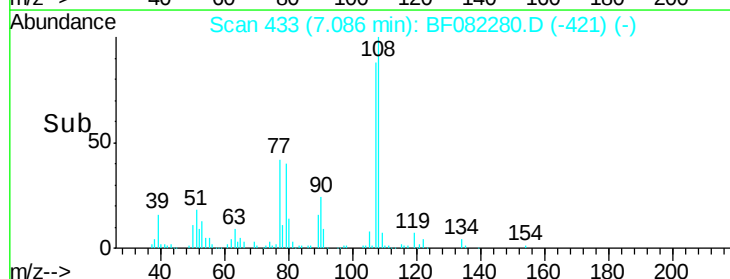
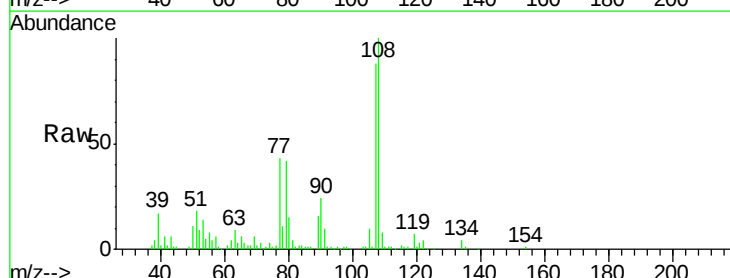
Instrument :
BNA_F
ClientSampleId :
CF-2

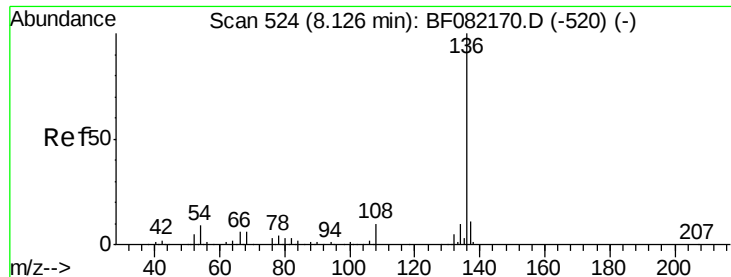
Tot Ion: 70 Resp: 30979
Ion Ratio Lower Upper
70 100
42 94.9 39.8 59.8#
101 0.0 8.6 13.0#
130 0.0 20.5 30.7#



#20
3+4-Methylphenols
Concen: 22.10 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.16 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion: 107 Resp: 82411
Ion Ratio Lower Upper
107 100
108 113.0 69.9 109.9#
77 48.6 106.0 146.0#
79 47.0 9.8 49.8

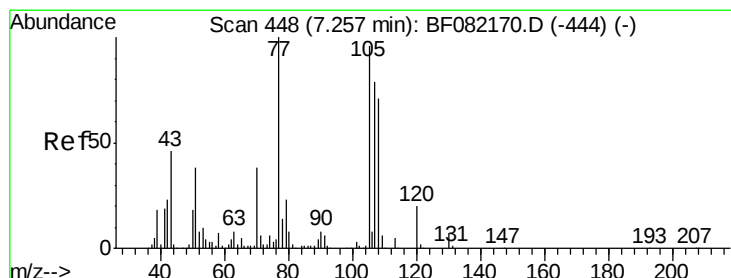
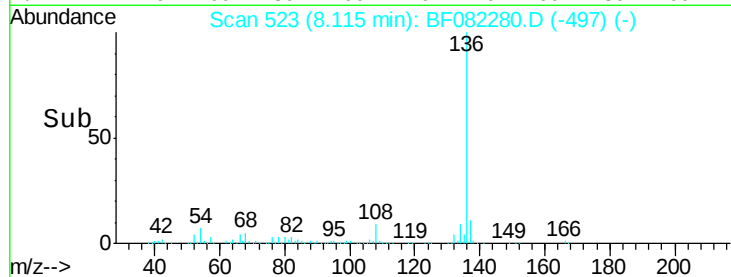
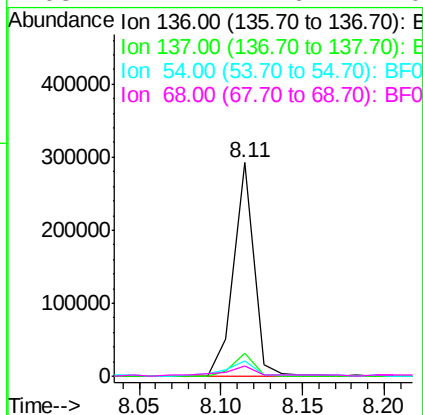
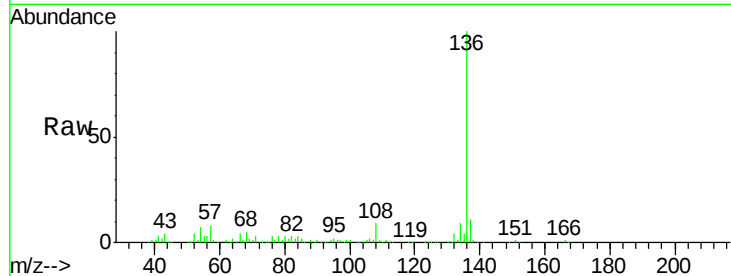




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

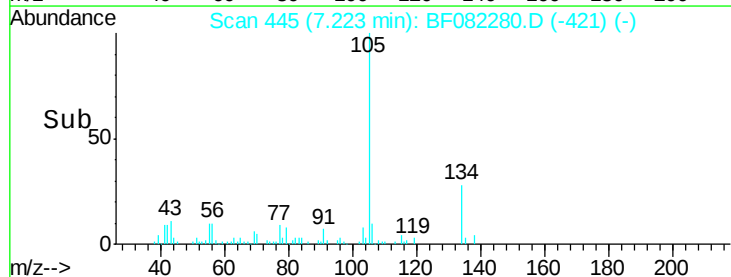
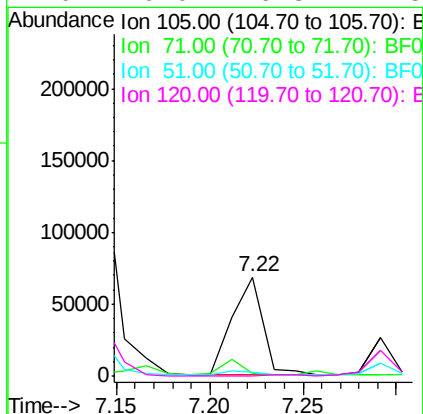
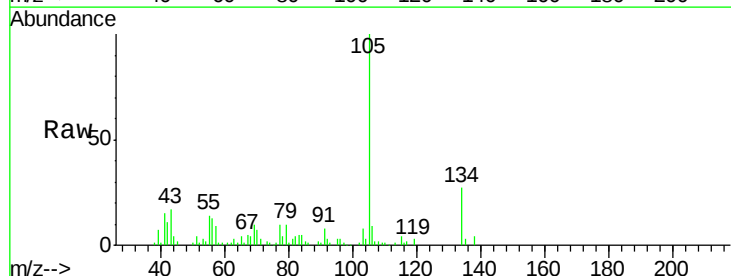
Instrument :
BNA_F
ClientSampleId :
CF-2

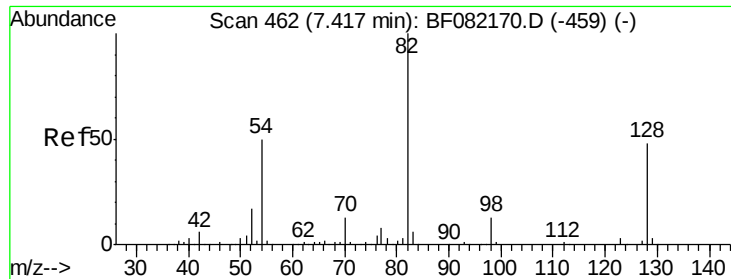
Tot Ion:136	Resp:	251642
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	7.2	7.5 11.3#
68	4.7	4.6 7.0



#22
Acetophenone
Concen: 16.12 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion:105	Resp:	80240
Ion Ratio	Lower	Upper
105	100	
71	3.2	5.4 8.0#
51	3.9	31.8 47.6#
120	0.0	16.3 24.5#

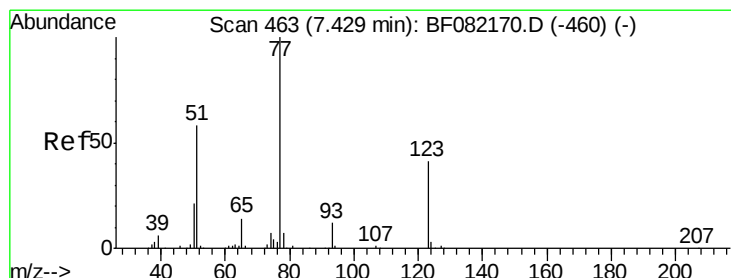
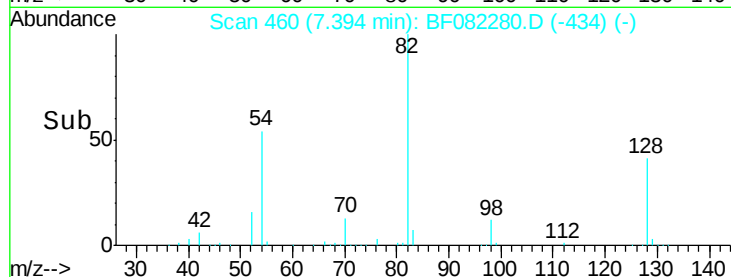
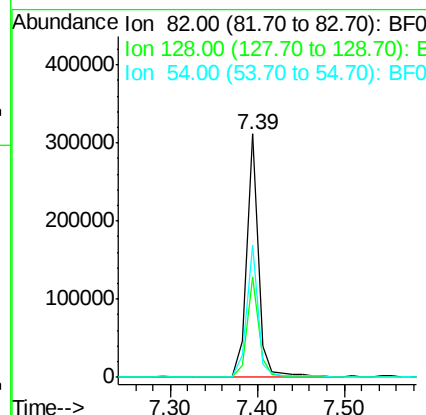
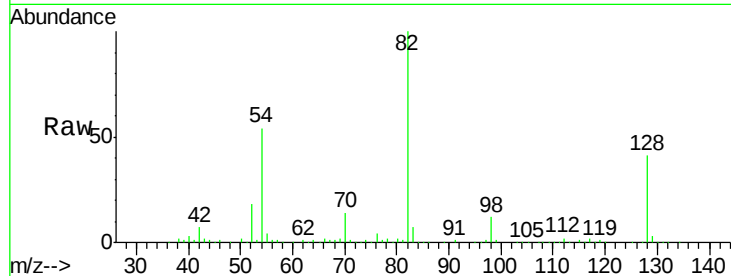




#23
Nitrobenzene-d5
Concen: 78.01 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

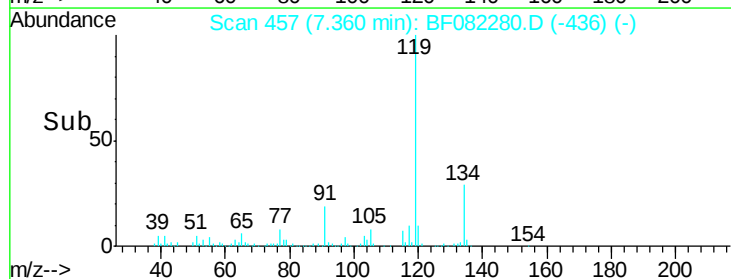
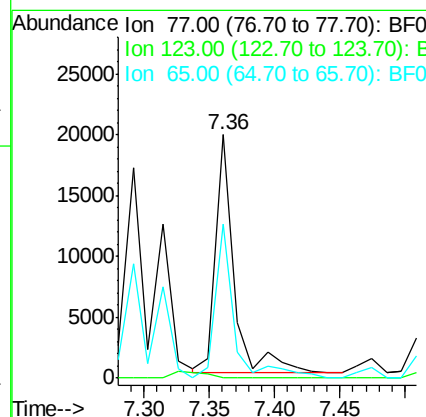
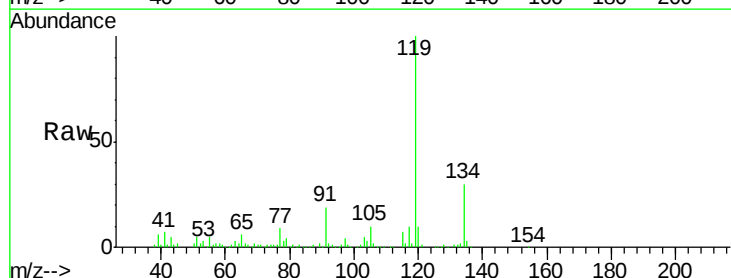
Instrument :
BNA_F
ClientSampleId :
CF-2

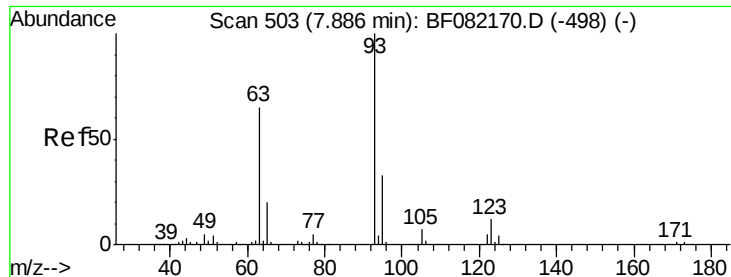
Tot Ion	82	Resp	292333
Ion Ratio	Lower	Upper	
82	100		
128	41.3	38.7	58.1
54	54.4	40.1	60.1



#24
Nitrobenzene
Concen: 4.78 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion	77	Resp	19389
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.4#
65	63.4	11.2	16.8#

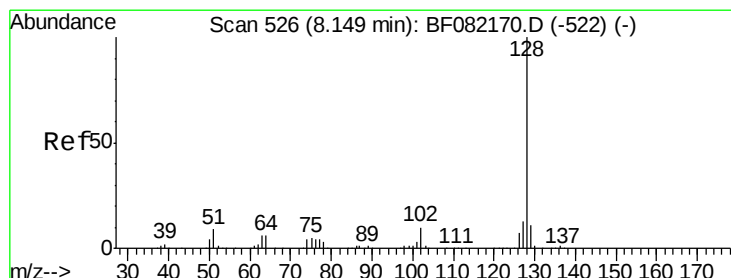
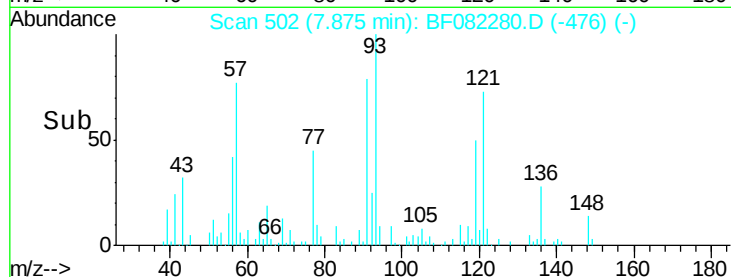
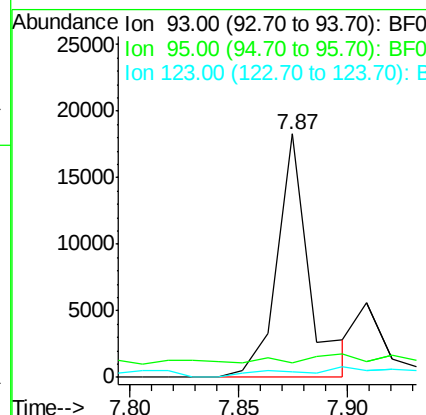
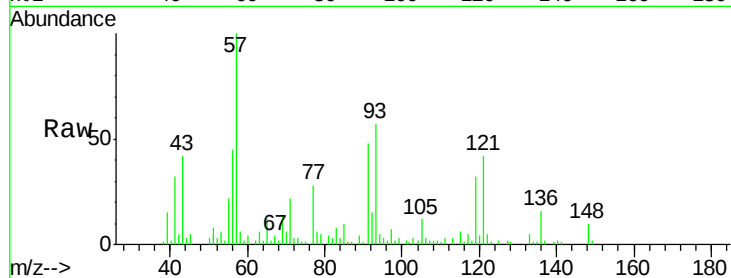




#28
bis(2-Chloroethoxy)methane
Concen: 4.30 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

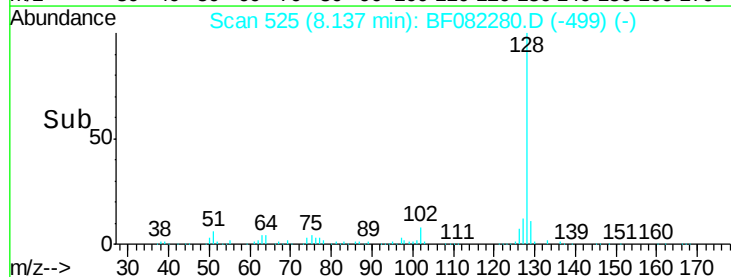
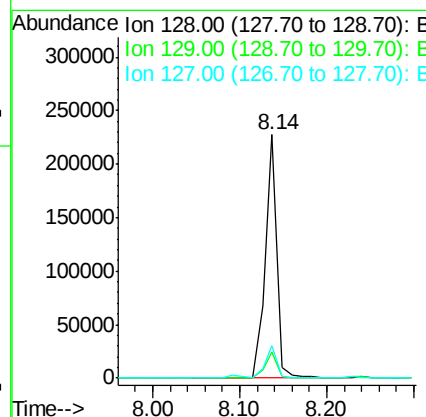
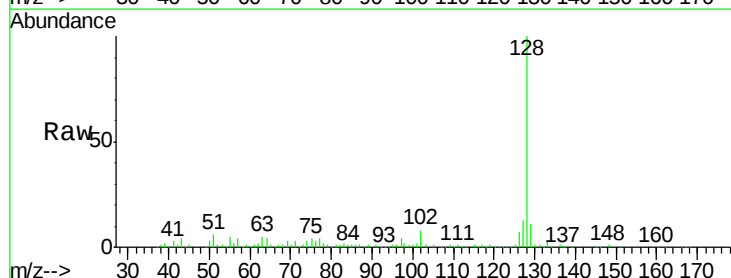
Instrument :
BNA_F
ClientSampled :
CF-2

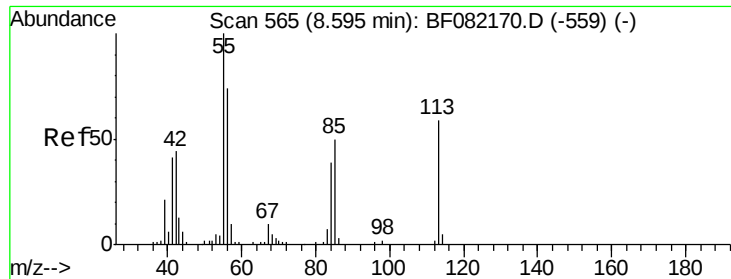
Tot Ion: 93 Resp: 18904
Ion Ratio Lower Upper
93 100
95 6.1 26.6 39.8#
123 2.2 9.5 14.3#



#31
Naphthalene
Concen: 19.82 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082280.D
Acq: 14 Oct 2015 15:30

Tgt Ion: 128 Resp: 216205
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.1 10.7 16.1





#35

Caprolactam

Concen: 3.24 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

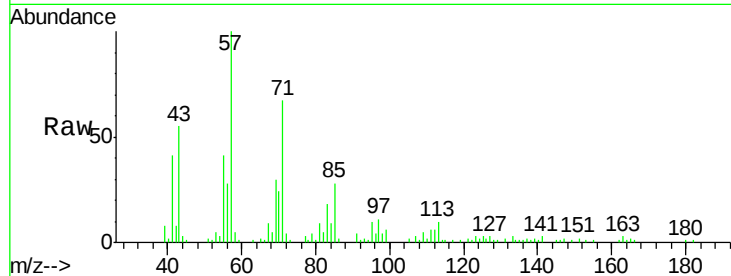
Tot Ion:113 Resp: 3064

Ion Ratio Lower Upper

113 100

55 426.6 149.7 189.7#

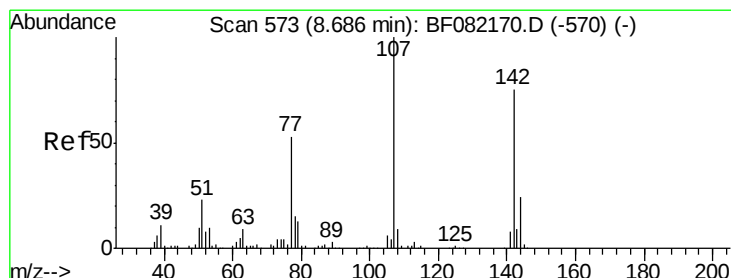
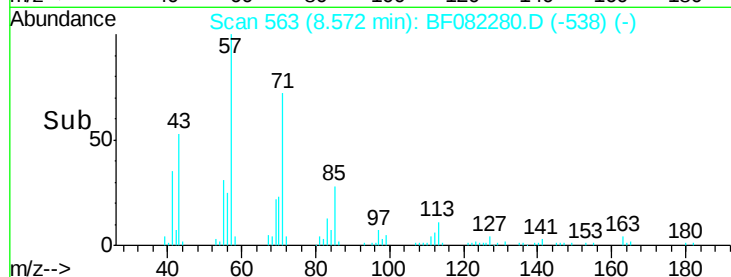
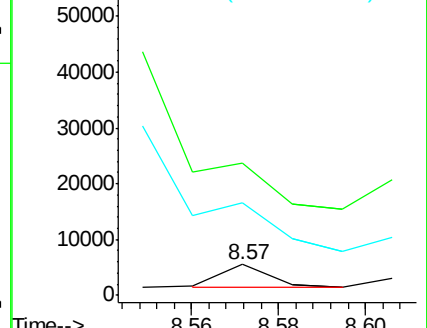
56 298.4 105.4 145.4#



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: 5.42 ng

RT: 8.70 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

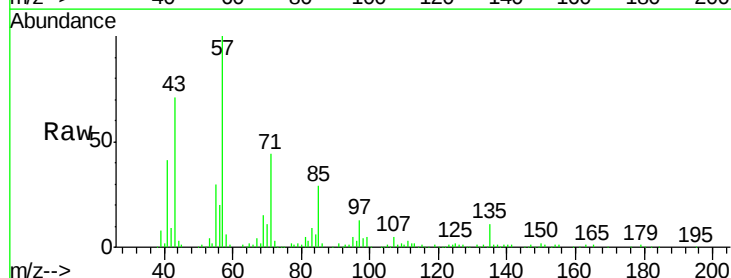
Tgt Ion:107 Resp: 17274

Ion Ratio Lower Upper

107 100

144 0.0 19.3 28.9#

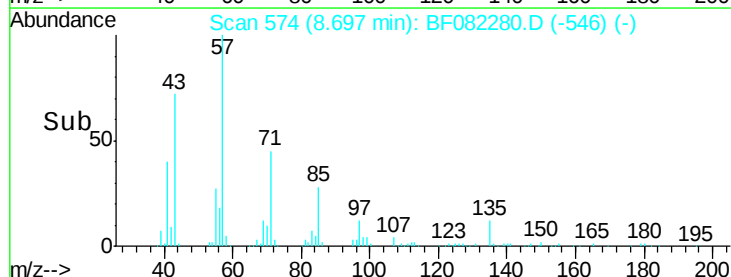
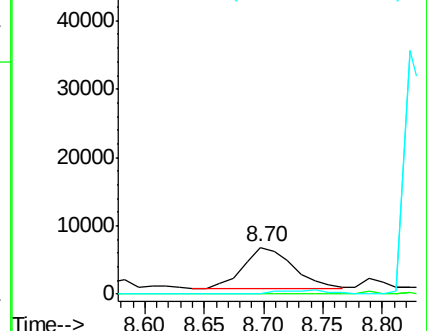
142 0.0 59.9 89.9#

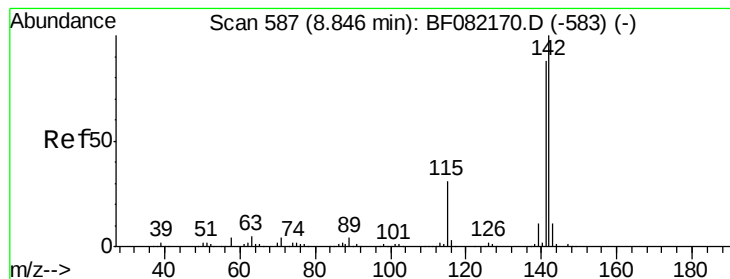


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

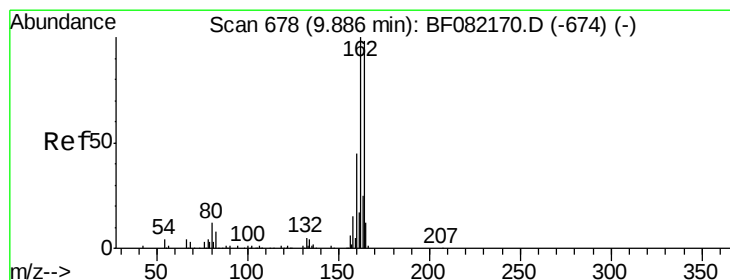
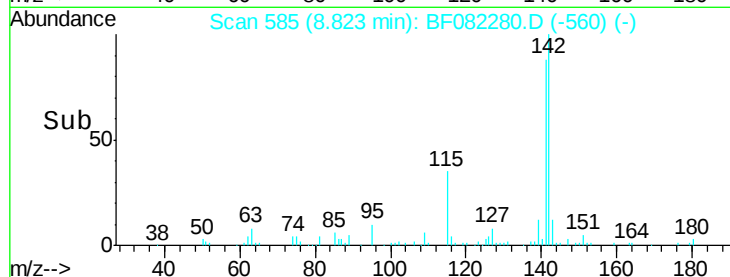
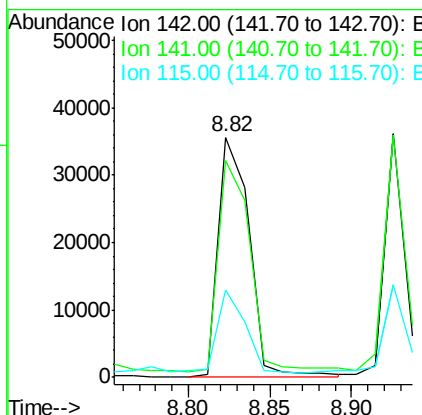
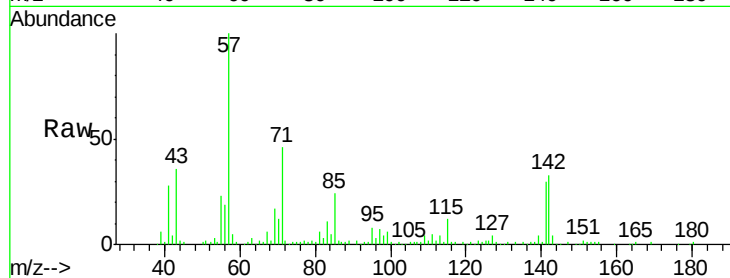




#37
 2-Methylnaphthalene
 Concen: 6.23 ng
 RT: 8.82 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

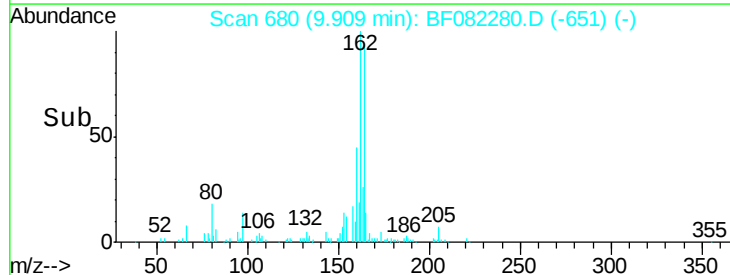
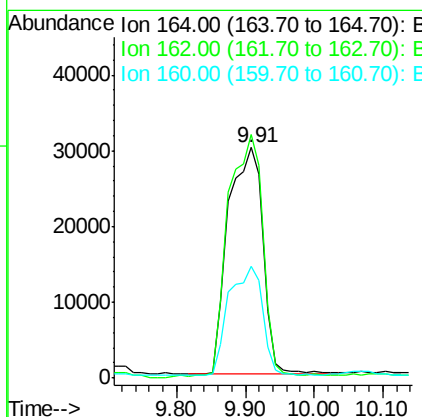
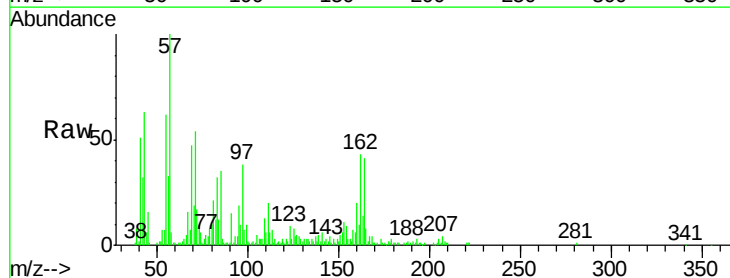
Instrument :
 BNA_F
 ClientSampleID :
 CF-2

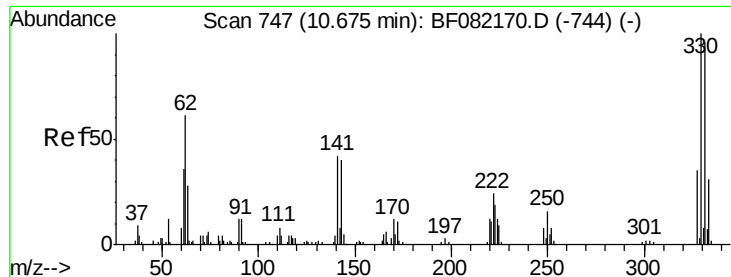
Tot Ion:142 Resp: 47147
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.4 105.6
 115 36.5 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 680
 Delta R.T. 0.03 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion:164 Resp: 105828
 Ion Ratio Lower Upper
 164 100
 162 105.7 81.6 122.4
 160 48.8 36.4 54.6

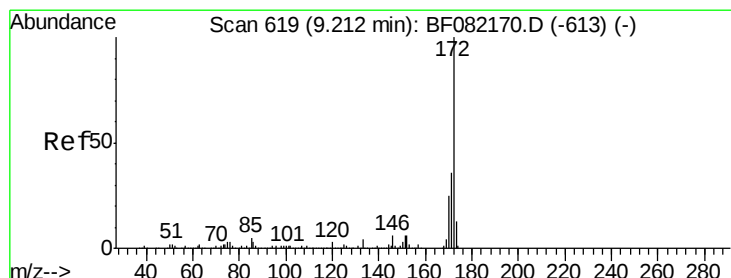
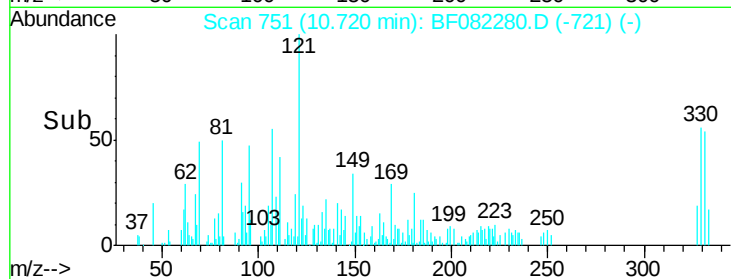
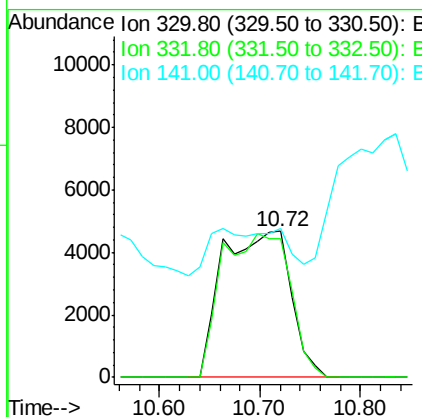
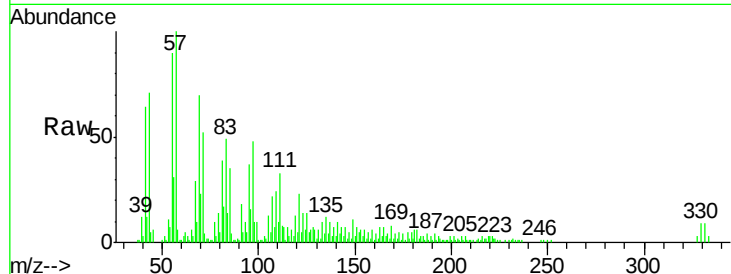




#41
 2,4,6-Tribromophenol
 Concen: 22.10 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.05 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

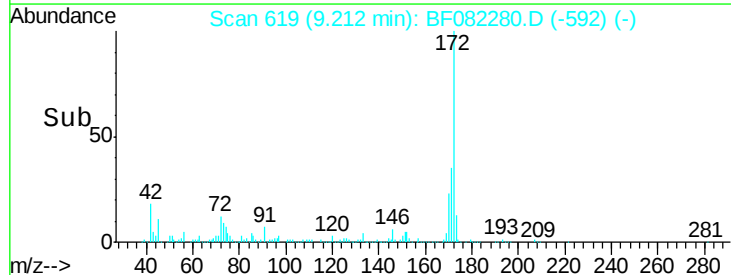
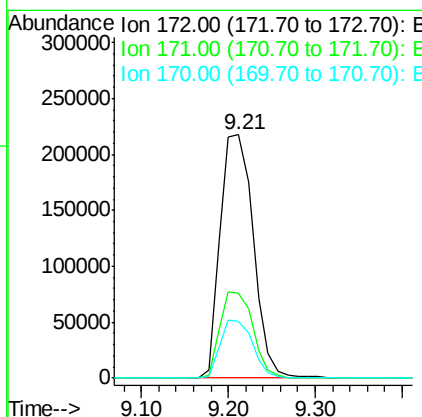
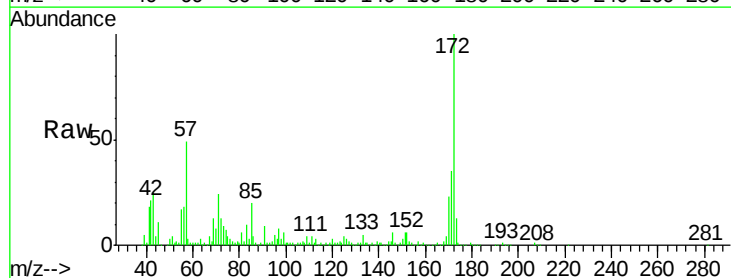
Instrument :
 BNA_F
 ClientSampleId :
 CF-2

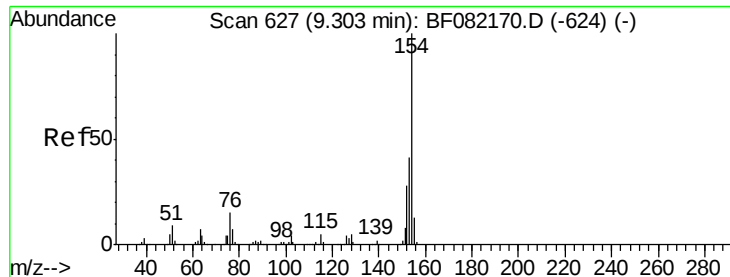
Tot Ion:330 Resp: 21929
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.1 115.7#
 141 0.0 29.8 44.8#



#44
 2-Fluorobiphenyl
 Concen: 90.71 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion:172 Resp: 578885
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.2 19.7 29.5





#45

1,1'-Biphenyl

Concen: 2.90 ng

RT: 9.31 min Scan# 628

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

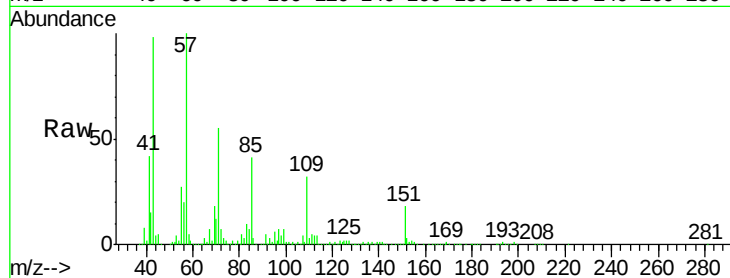
Tot Ion:154 Resp: 23405

Ion Ratio Lower Upper

154 100

153 58.3 20.6 60.6

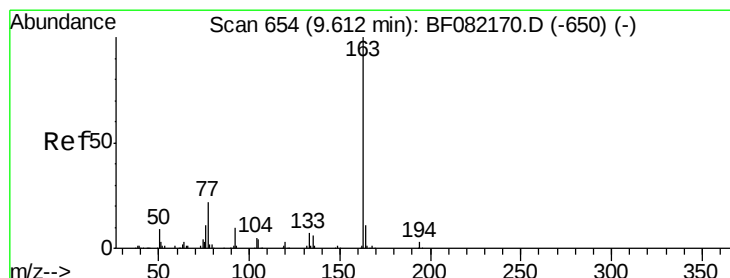
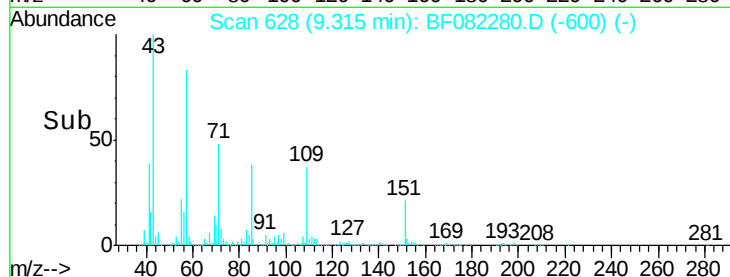
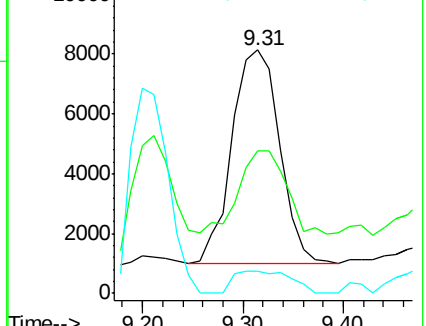
76 9.2 0.0 35.2



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



#49

Dimethylphthalate

Concen: 6.44 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

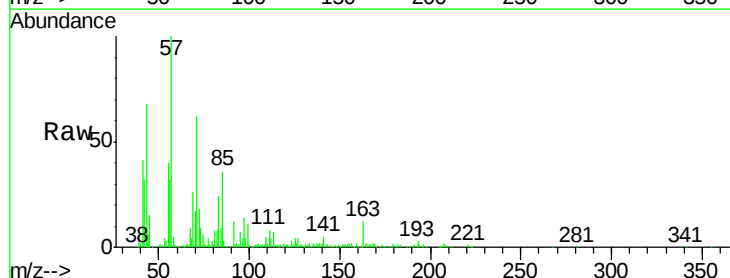
Tgt Ion:163 Resp: 47973

Ion Ratio Lower Upper

163 100

194 8.9 2.6 4.0#

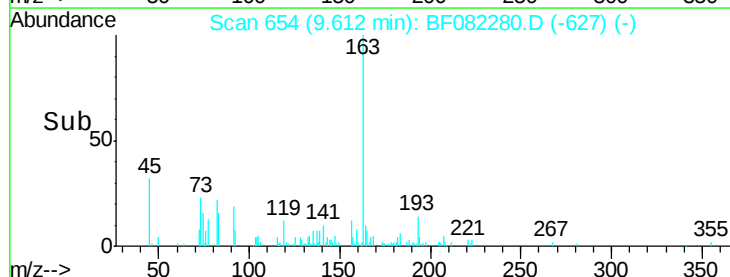
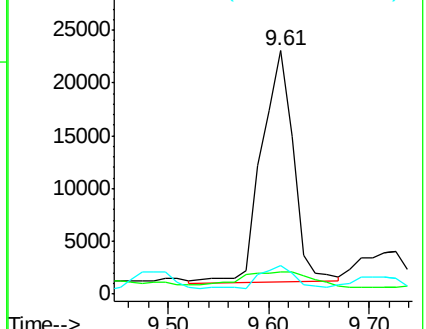
164 11.5 8.5 12.7

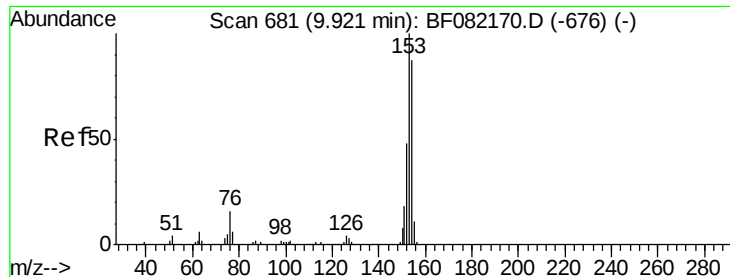


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.35 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

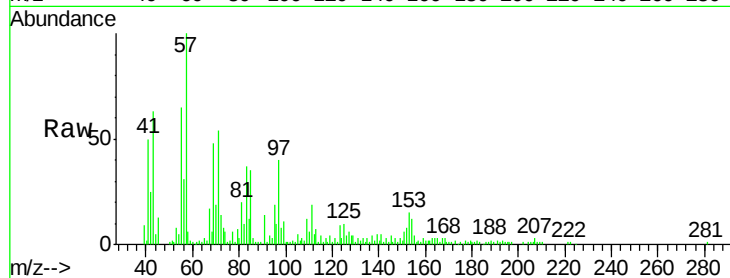
Tot Ion:154 Resp: 25838

Ion Ratio Lower Upper

154 100

153 126.3 91.4 137.2

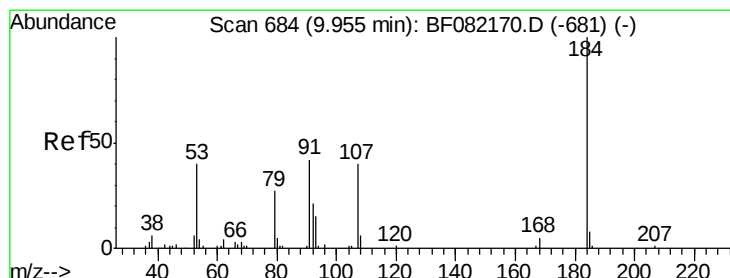
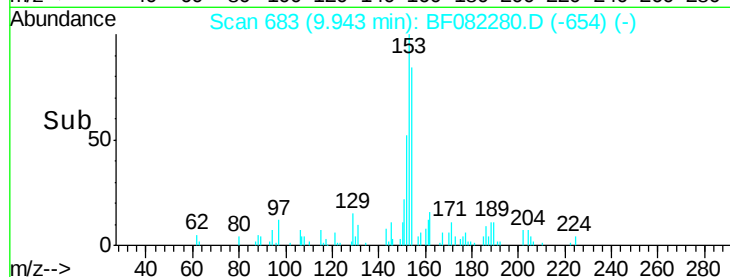
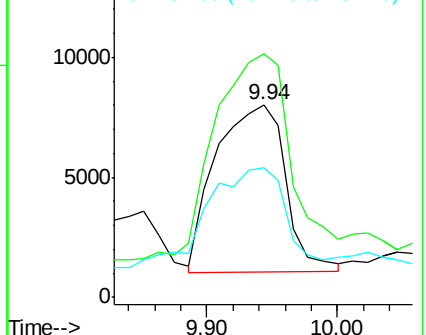
152 67.5 44.3 66.5#



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



#53

2,4-Dinitrophenol

Concen: 6.88 ng

RT: 10.14 min Scan# 700

Delta R.T. 0.19 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

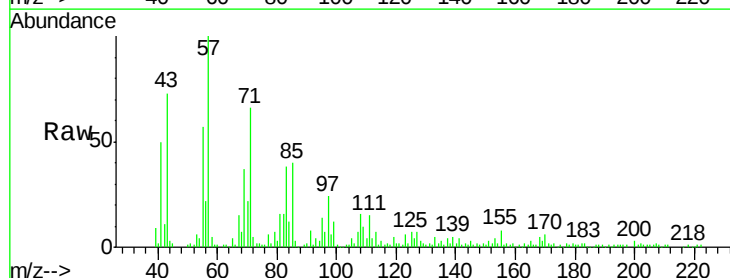
Tgt Ion:184 Resp: 460

Ion Ratio Lower Upper

184 100

63 353.4 45.1 67.7#

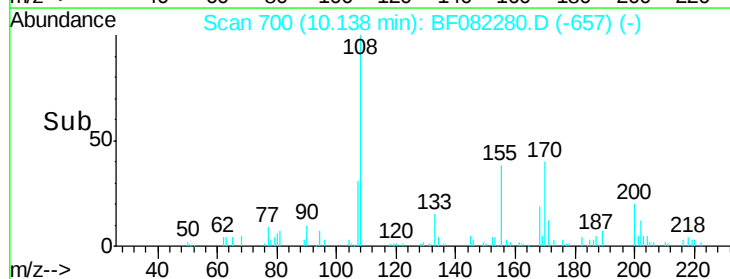
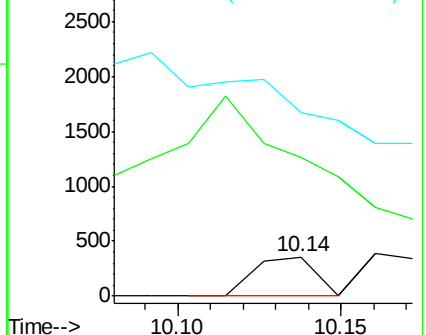
154 467.0 51.2 76.8#

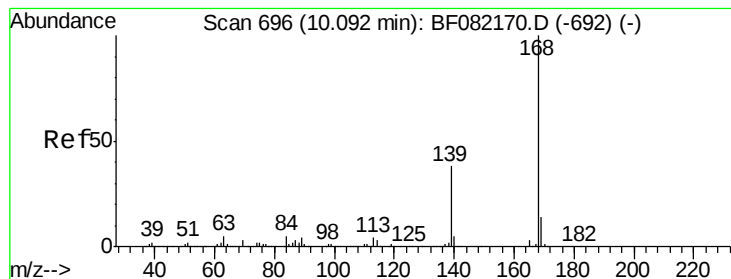


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 5.64 ng

RT: 10.11 min Scan# 698

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

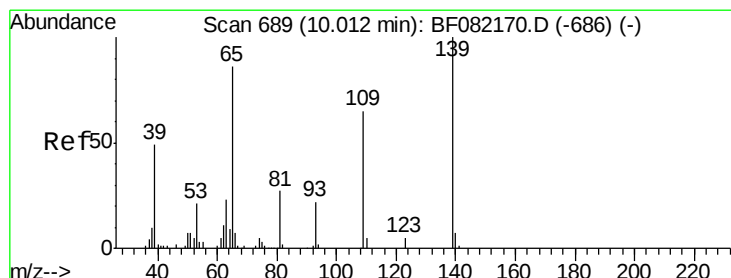
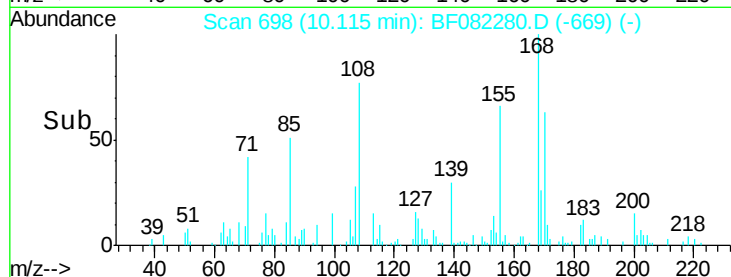
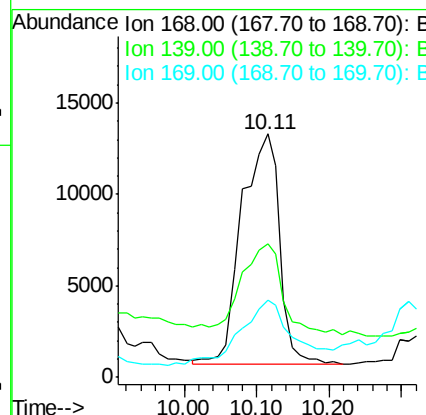
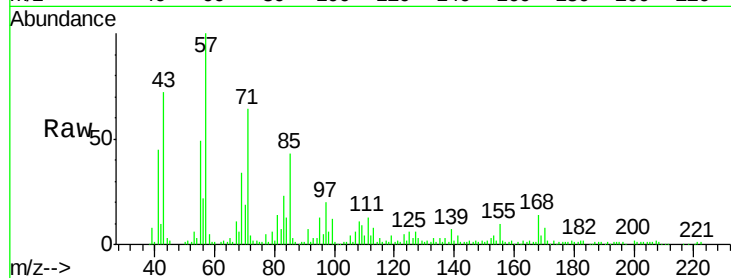
Tot Ion:168 Resp: 45964

Ion Ratio Lower Upper

168 100

139 55.0 31.0 46.6#

169 31.9 10.9 16.3#



#55

4-Nitrophenol

Concen: 23.21 ng

RT: 10.11 min Scan# 698

Delta R.T. 0.11 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

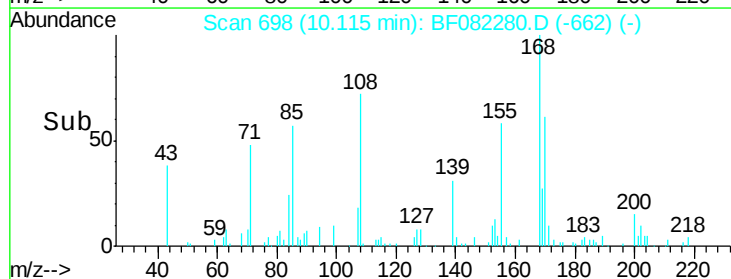
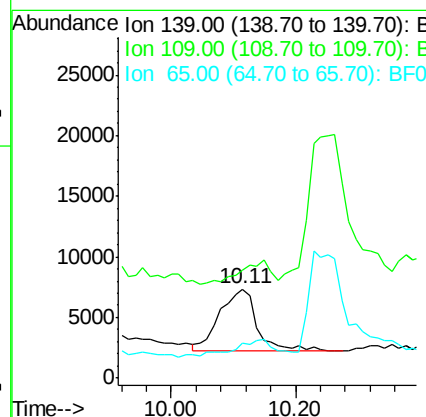
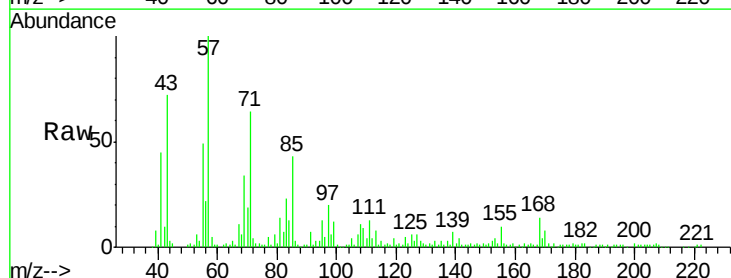
Tgt Ion:139 Resp: 20862

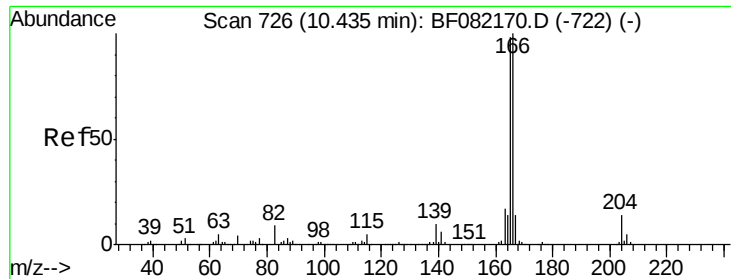
Ion Ratio Lower Upper

139 100

109 122.2 44.8 84.8#

65 39.2 67.7 107.7#

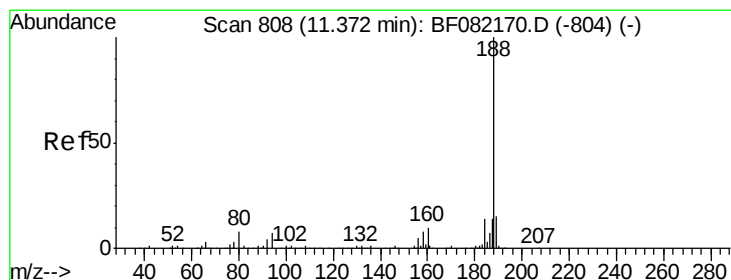
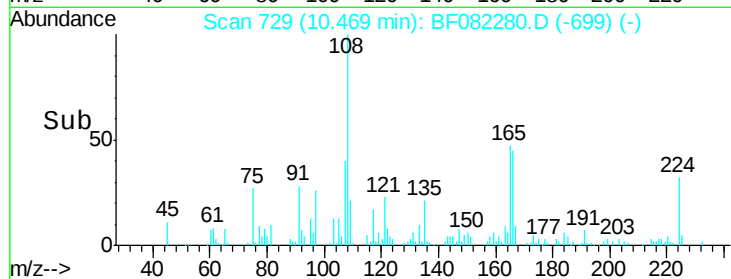
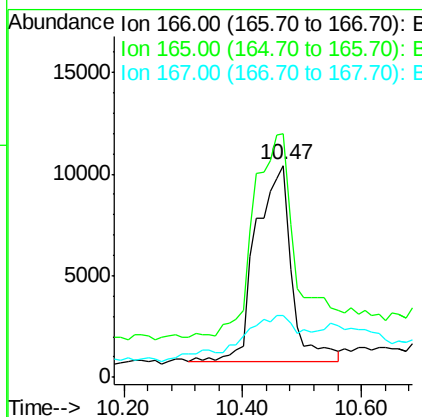
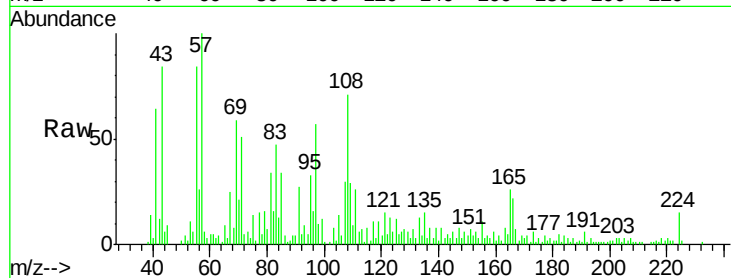




#57
Fluorene
 Concen: 6.08 ng
 RT: 10.47 min Scan# 729
 Delta R.T. 0.05 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

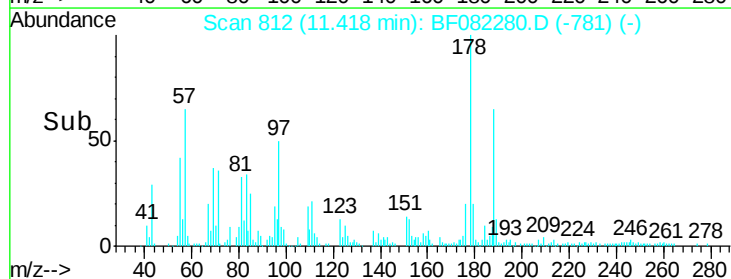
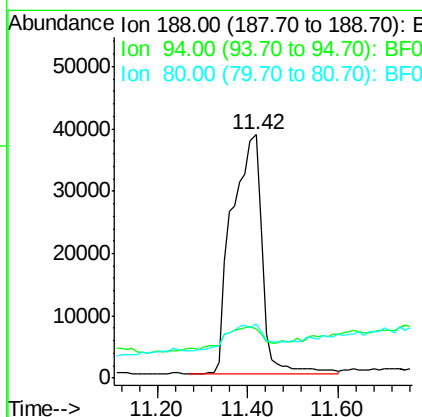
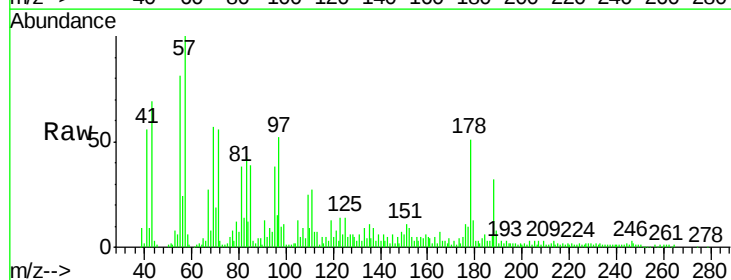
Instrument :
 BNA_F
 ClientSampleId :
 CF-2

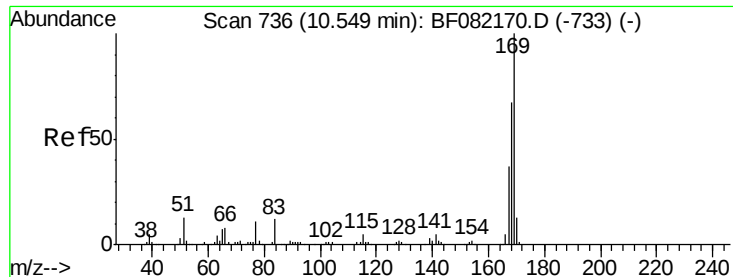
Tot Ion:166 Resp: 40760
 Ion Ratio Lower Upper
 166 100
 165 115.0 78.3 117.5
 167 29.3 10.8 16.2#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.06 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion:188 Resp: 175326
 Ion Ratio Lower Upper
 188 100
 94 20.3 5.8 8.6#
 80 22.3 6.4 9.6#

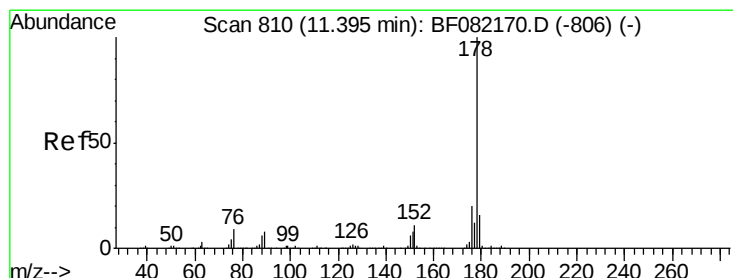
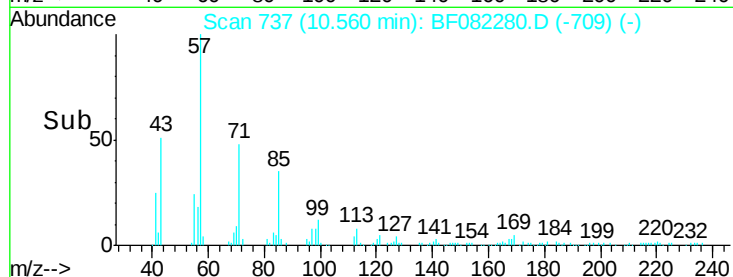
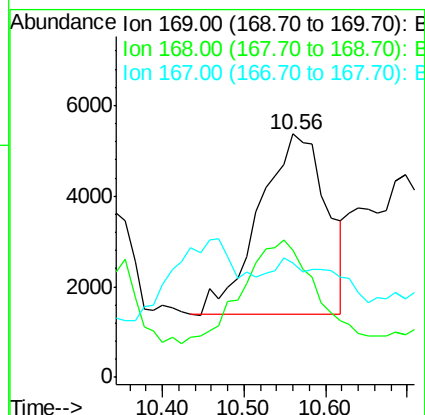
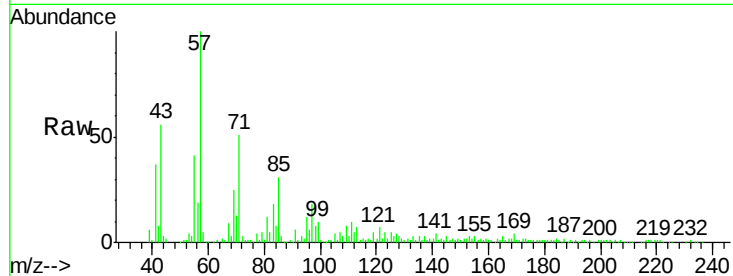




#65
 n-Nitrosodiphenylamine
 Concen: 4.37 ng
 RT: 10.56 min Scan# 737
 Delta R.T. 0.02 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

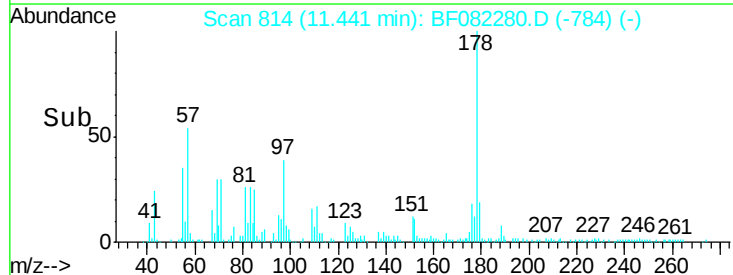
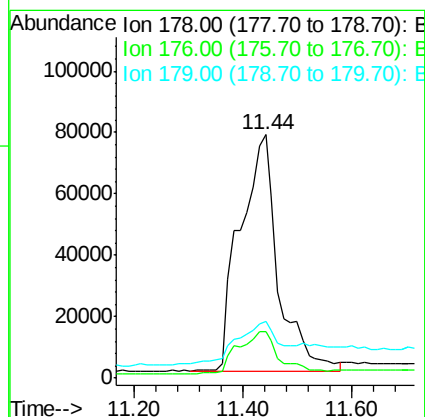
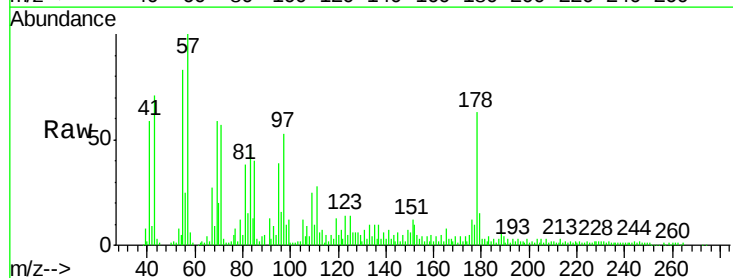
Instrument :
 BNA_F
 ClientSampled :
 CF-2

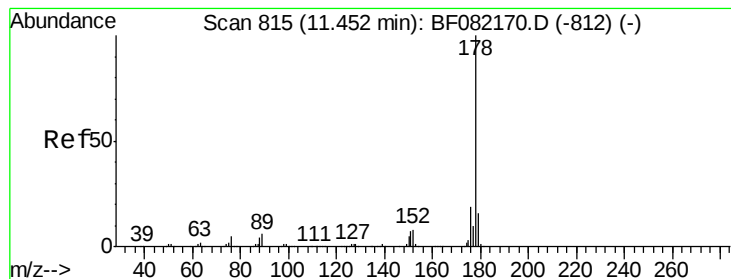
Tot Ion:169 Resp: 22916
 Ion Ratio Lower Upper
 169 100
 168 52.1 54.0 81.0#
 167 47.0 29.6 44.4#



#70
 Phenanthrene
 Concen: 43.83 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.05 min
 Lab File: BF082280.D
 Acq: 14 Oct 2015 15:30

Tgt Ion:178 Resp: 376709
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 23.3 12.6 19.0#





#71

Anthracene

Concen: 42.54 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

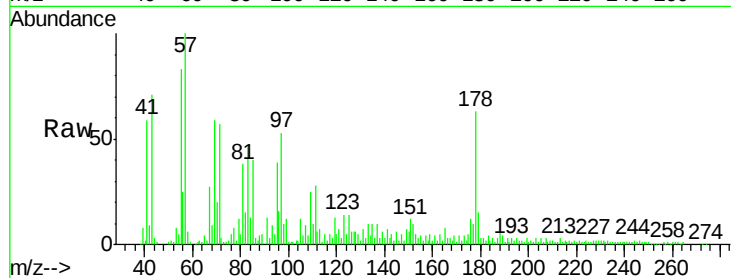
Tot Ion:178 Resp: 376709

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

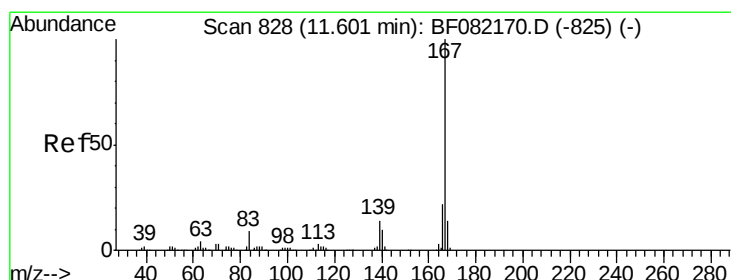
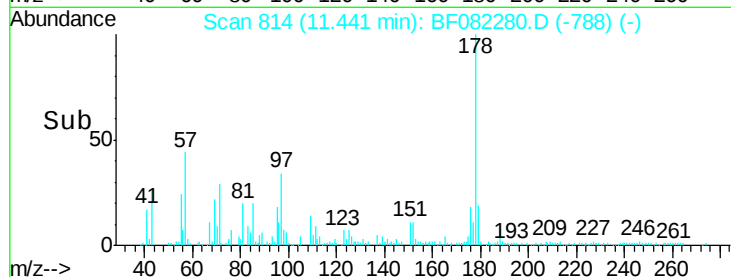
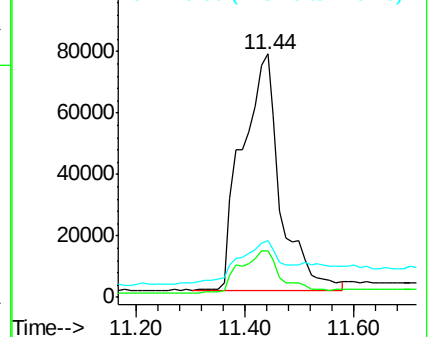
179 23.3 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.76 ng

RT: 11.63 min Scan# 831

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

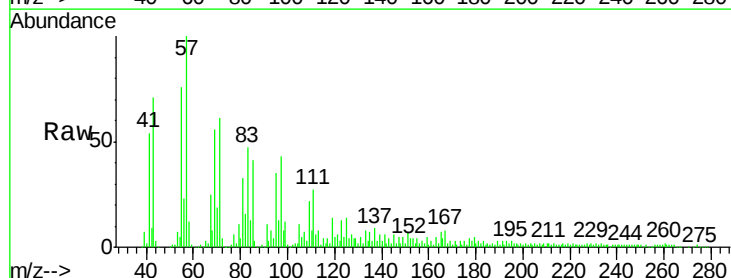
Tgt Ion:167 Resp: 46528

Ion Ratio Lower Upper

167 100

166 48.4 17.3 25.9#

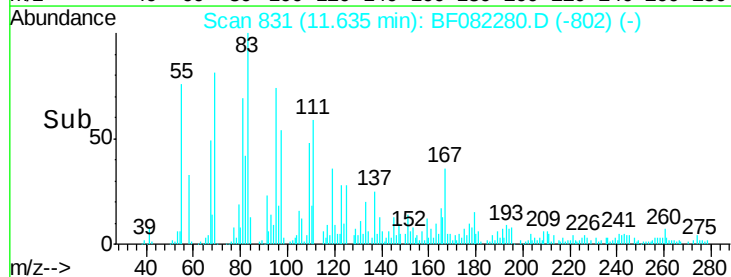
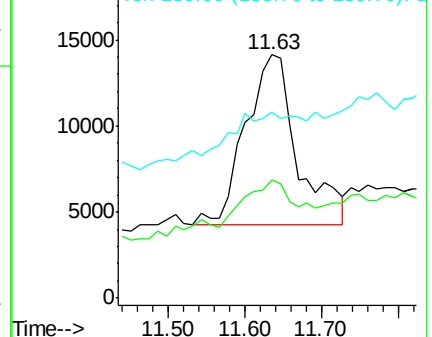
139 76.5 11.2 16.8#

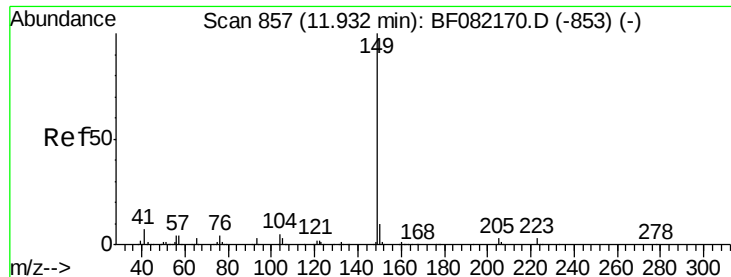


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 7.53 ng

RT: 11.97 min Scan# 860

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

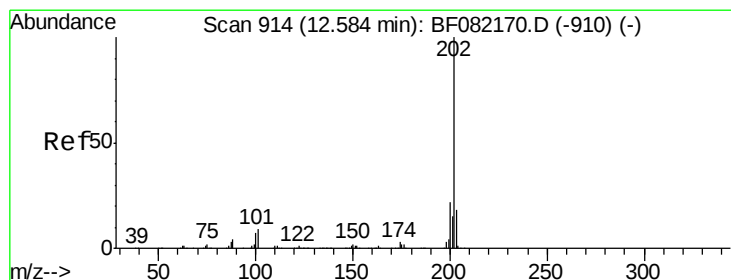
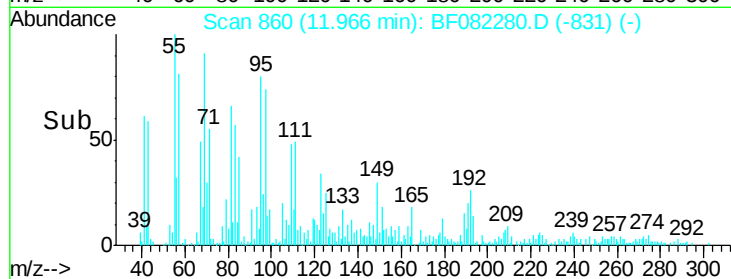
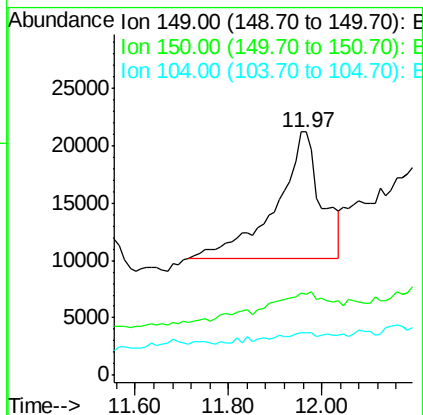
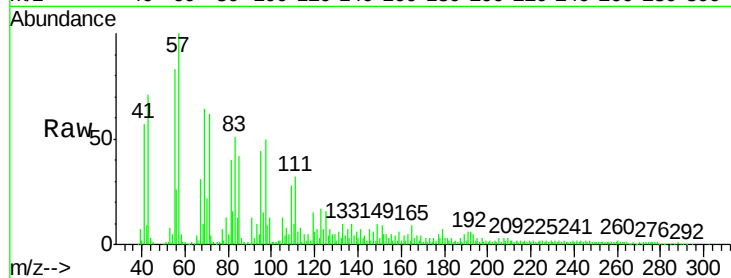
Tot Ion:149 Resp: 75074

Ion Ratio Lower Upper

149 100

150 33.2 7.8 11.6#

104 17.4 3.8 5.8#



#74

Fluoranthene

Concen: 16.86 ng

RT: 12.66 min Scan# 921

Delta R.T. 0.08 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

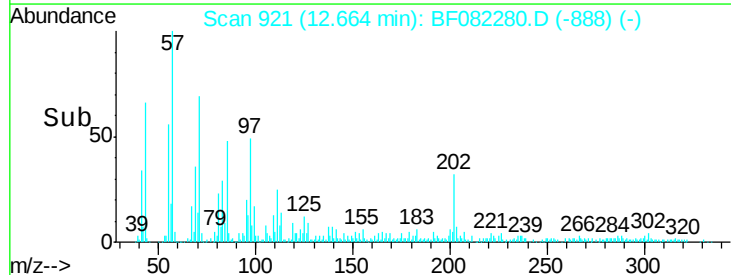
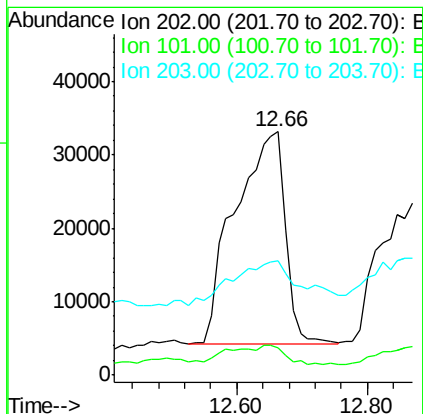
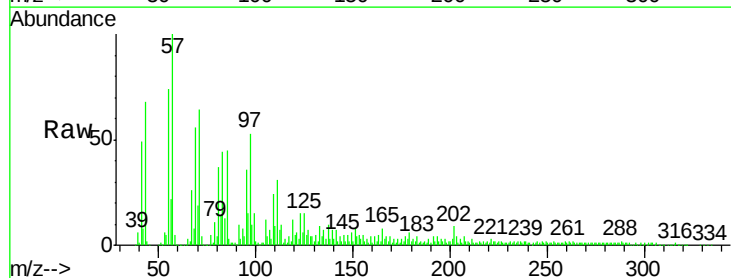
Tgt Ion:202 Resp: 155664

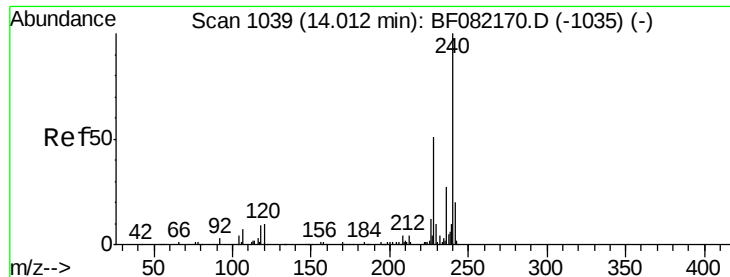
Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.3

203 46.9 0.0 37.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.05 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

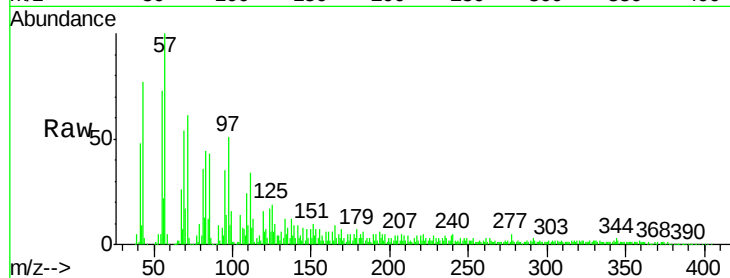
Tot Ion:240 Resp: 83572

Ion Ratio Lower Upper

240 100

120 126.7 8.1 12.1#

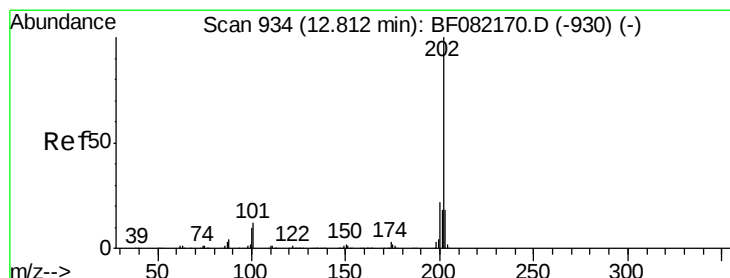
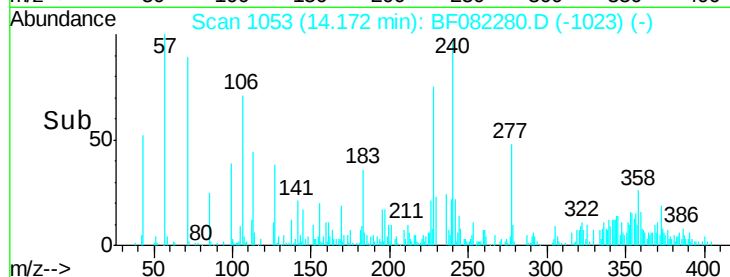
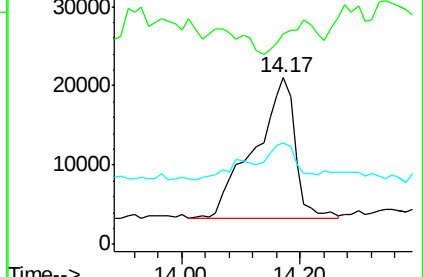
236 60.8 21.3 31.9#



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



#77

Pyrene

Concen: 27.31 ng

RT: 12.89 min Scan# 941

Delta R.T. 0.07 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

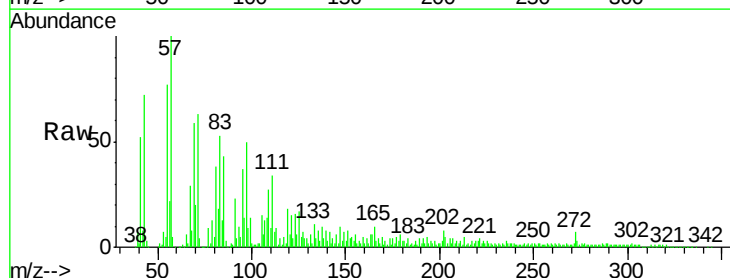
Tgt Ion:202 Resp: 135441

Ion Ratio Lower Upper

202 100

200 26.2 17.9 26.9

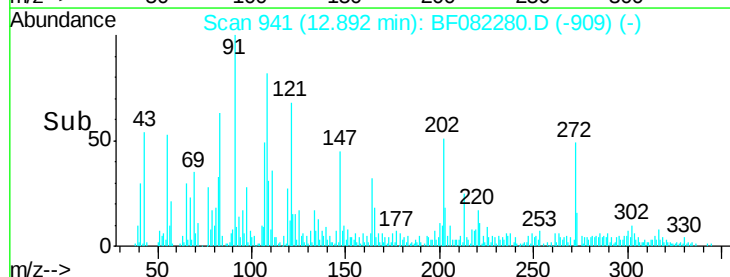
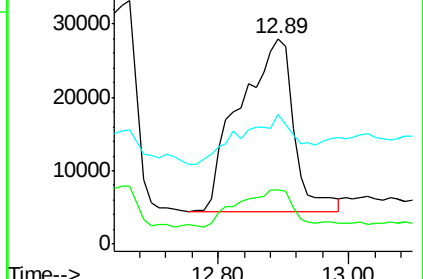
203 63.0 14.5 21.7#

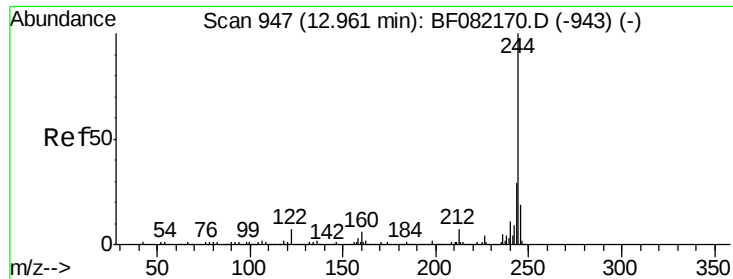


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 110.33 ng

RT: 13.04 min Scan# 954

Delta R.T. 0.06 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

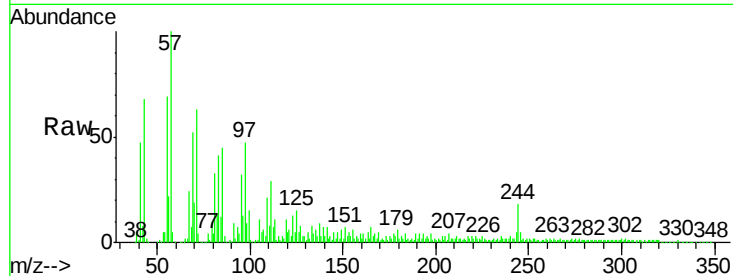
Tot Ion:244 Resp: 347965

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.6#

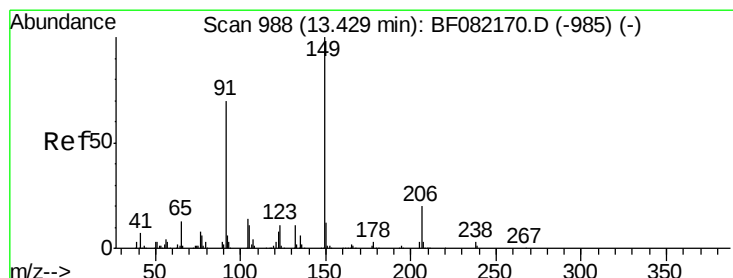
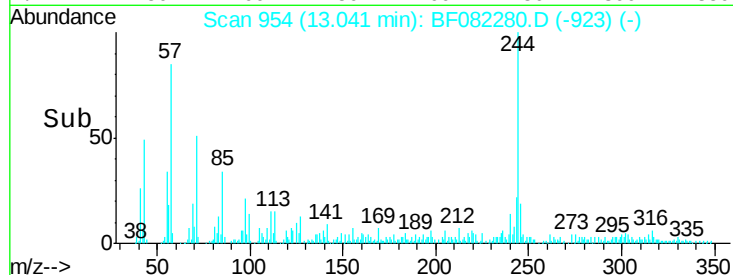
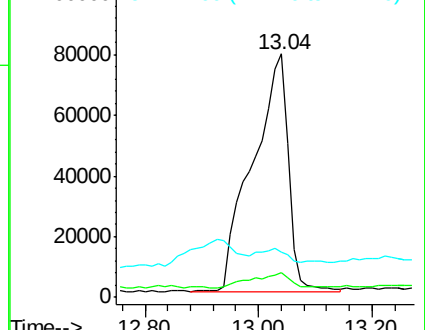
122 18.7 5.9 8.9#



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: 5.38 ng

RT: 13.51 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

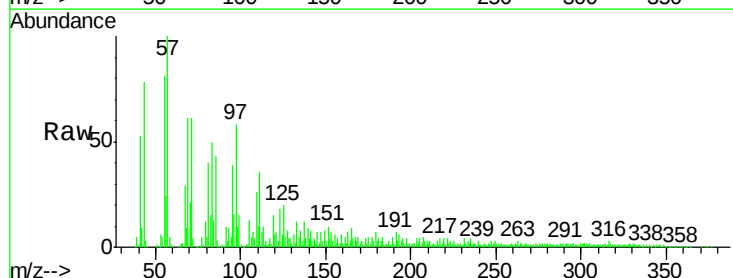
Tgt Ion:149 Resp: 12180

Ion Ratio Lower Upper

149 100

91 127.9 55.7 83.5#

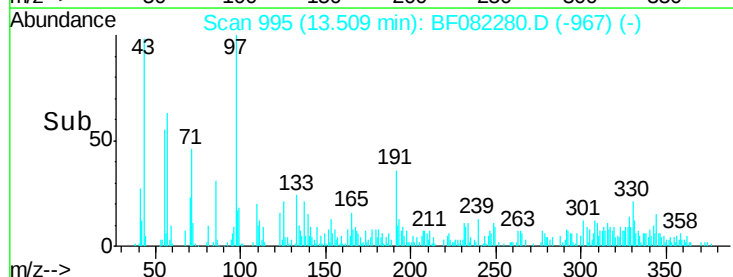
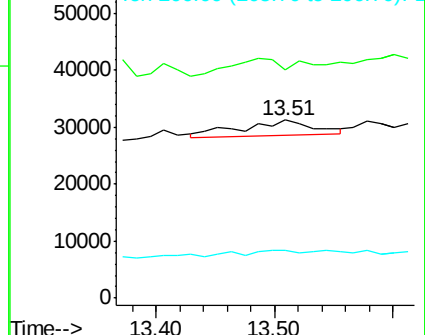
206 26.6 15.6 23.4#

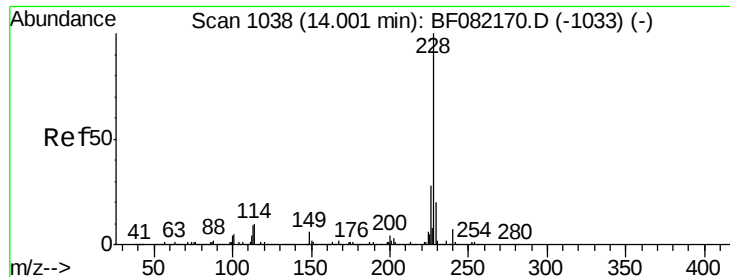


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 19.71 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.06 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

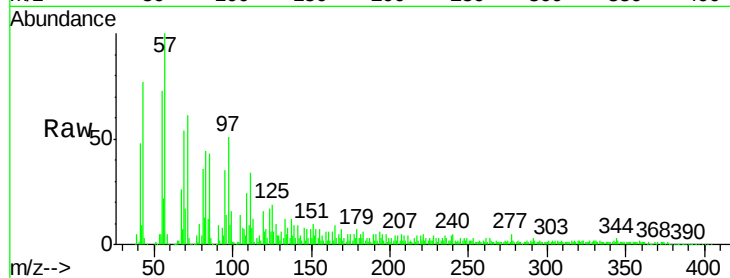
Tot Ion:228 Resp: 85709

Ion Ratio Lower Upper

228 100

226 47.3 22.3 33.5#

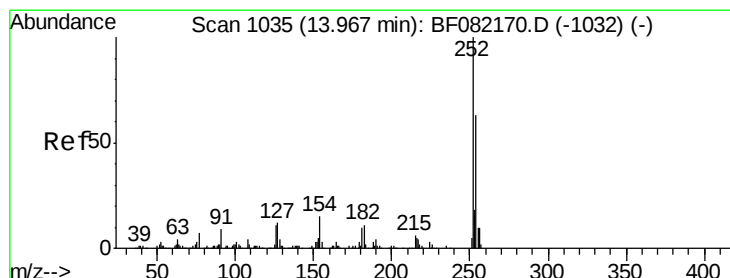
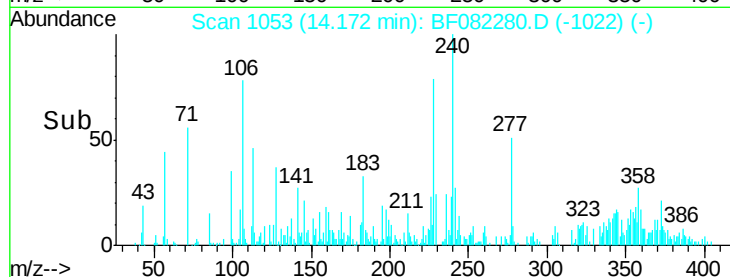
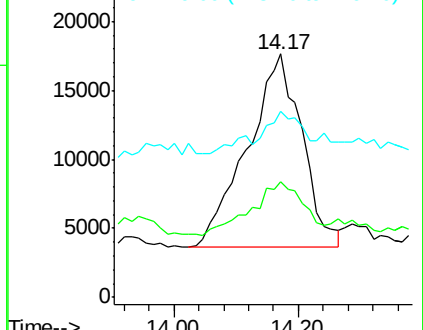
229 76.6 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.88 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.07 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

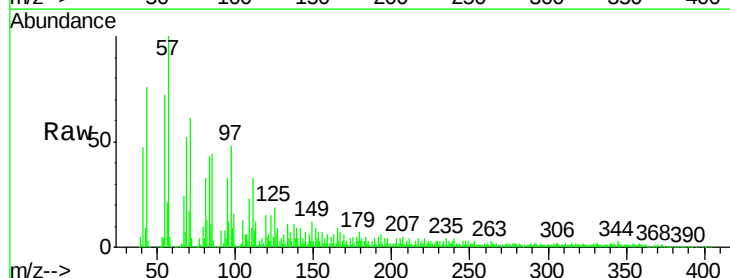
Tgt Ion:252 Resp: 8062

Ion Ratio Lower Upper

252 100

254 48.4 50.7 76.1#

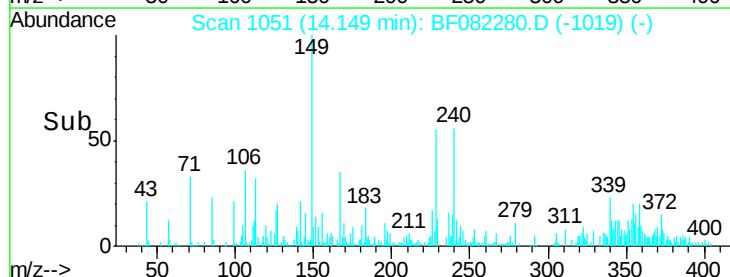
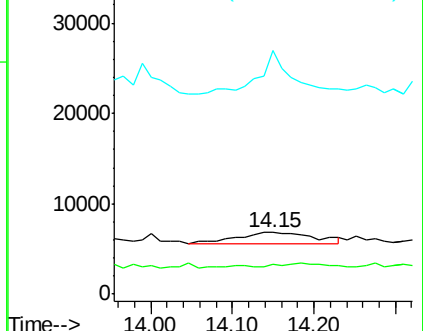
126 395.0 9.0 13.6#

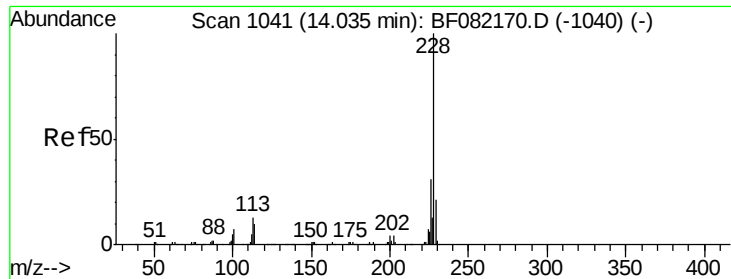


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 18.71 ng

RT: 14.17 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

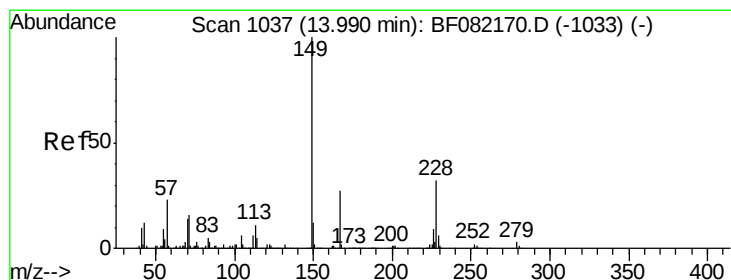
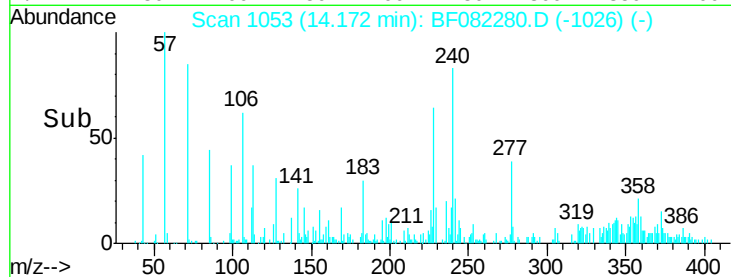
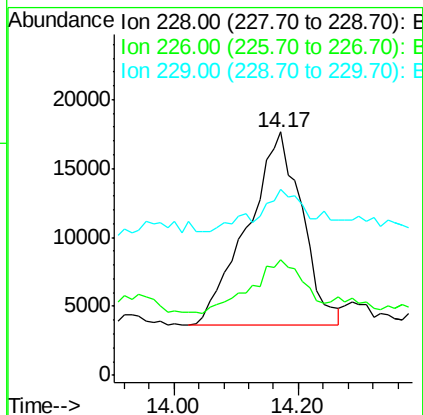
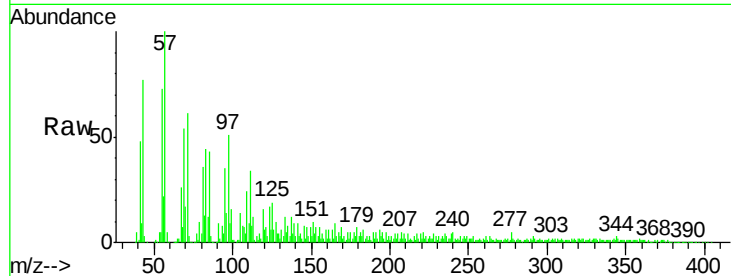
Tot Ion:228 Resp: 85709

Ion Ratio Lower Upper

228 100

226 47.3 24.4 36.6#

229 76.6 16.3 24.5#



#83

Bis(2-ethylhexyl)phthalate

Concen: 138.77 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

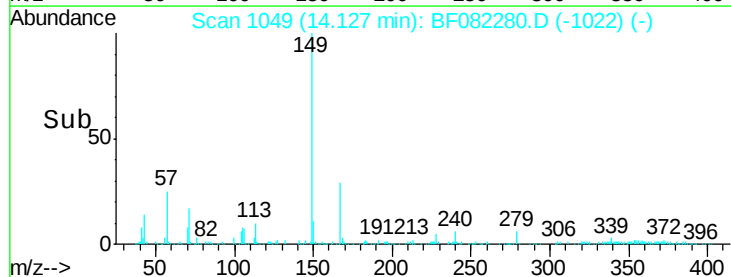
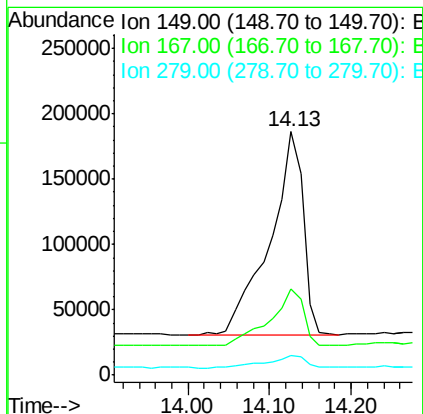
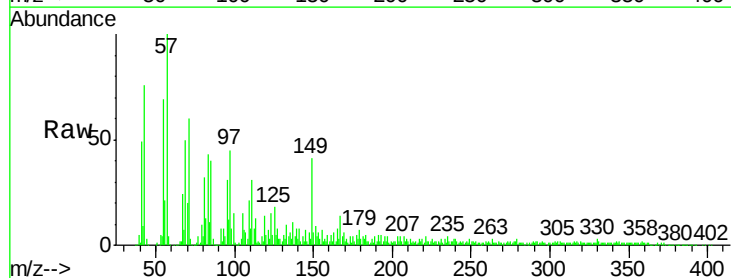
Tgt Ion:149 Resp: 448102

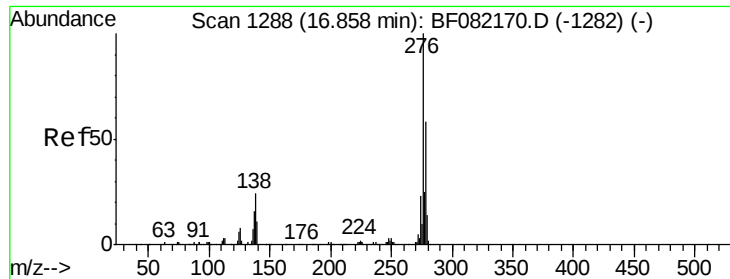
Ion Ratio Lower Upper

149 100

167 35.7 21.3 31.9#

279 8.1 2.6 4.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.74 ng

RT: 17.20 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

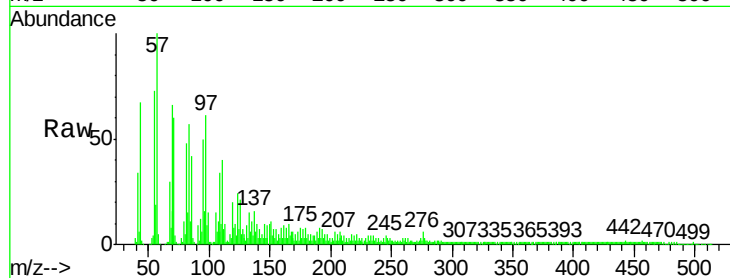
Tot Ion:276 Resp: 24534

Ion Ratio Lower Upper

276 100

138 17.4 19.7 29.5#

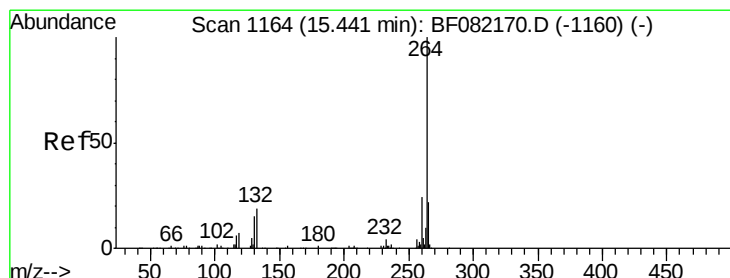
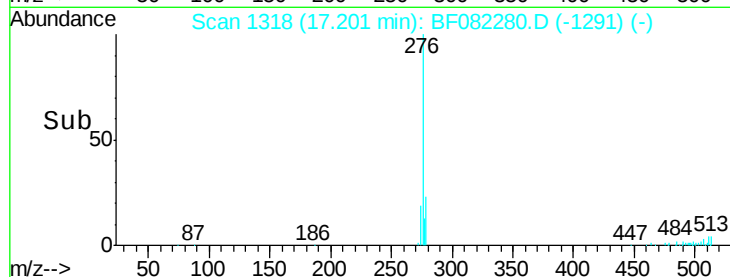
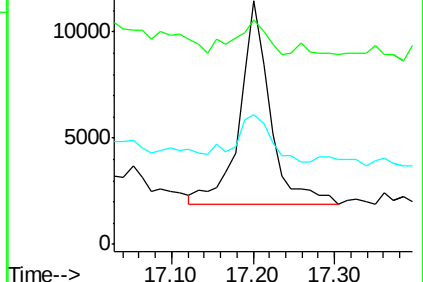
277 27.2 20.1 30.1



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: 15.76 min Scan# 1192

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

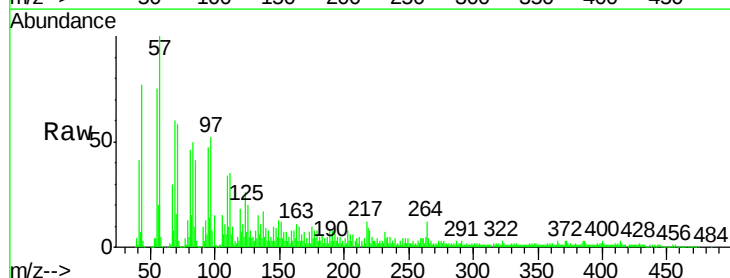
Tgt Ion:264 Resp: 102841

Ion Ratio Lower Upper

264 100

260 34.7 19.0 28.6#

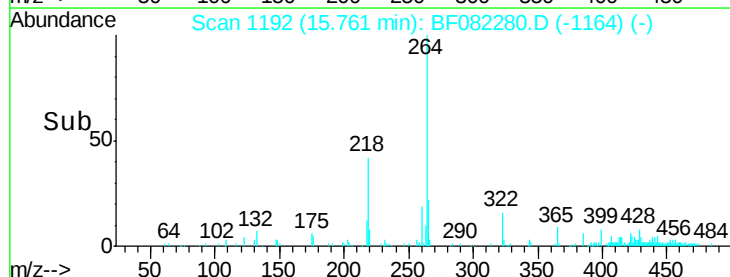
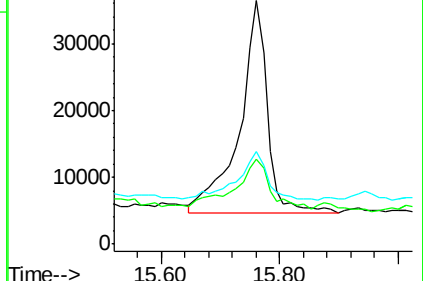
265 37.9 17.3 25.9#

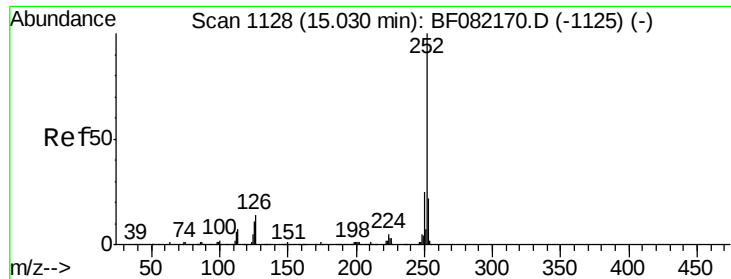


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 10.15 ng

RT: 15.33 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampled :

CF-2

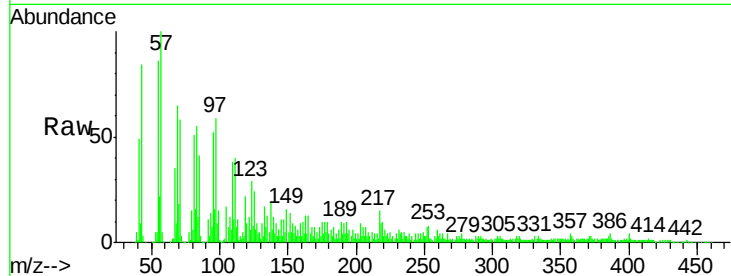
Tot Ion:252 Resp: 63494

Ion Ratio Lower Upper

252 100

253 118.0 18.0 27.0#

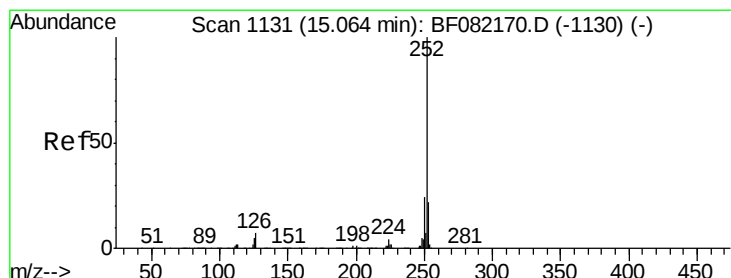
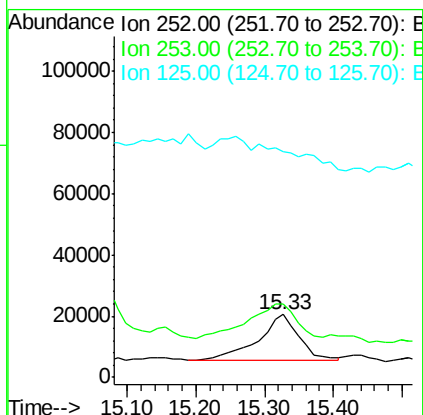
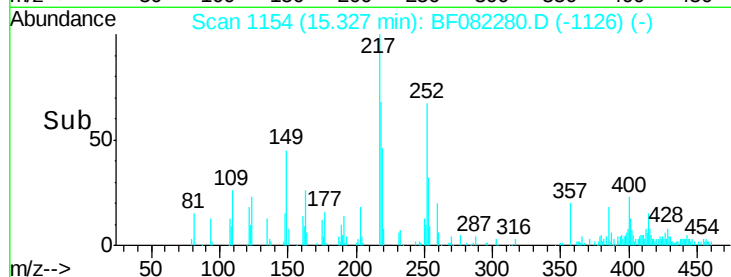
125 359.4 8.6 12.8#



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: 12.07 ng

RT: 15.33 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

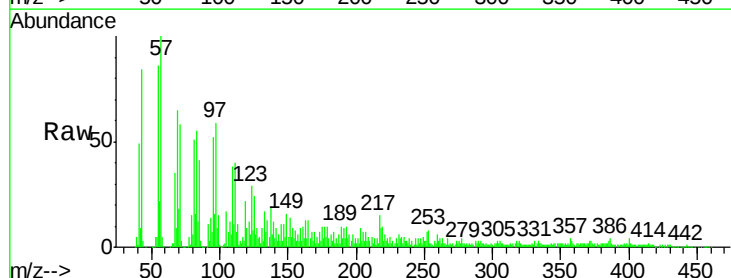
Tgt Ion:252 Resp: 63494

Ion Ratio Lower Upper

252 100

253 118.0 17.8 26.6#

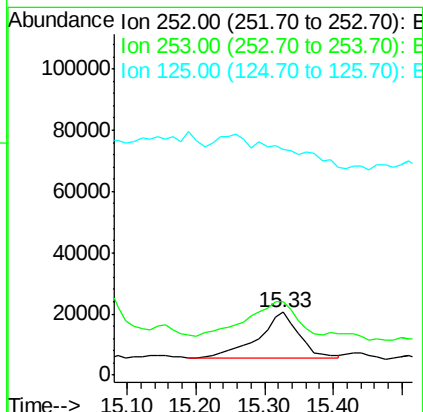
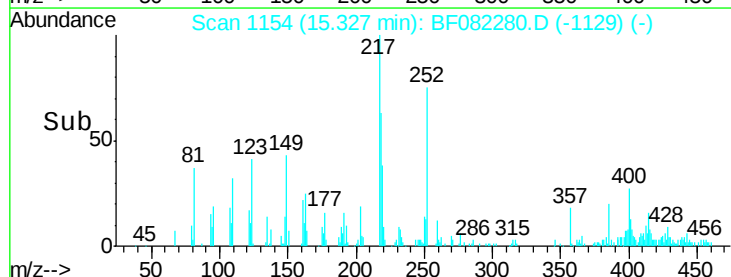
125 359.4 6.7 10.1#

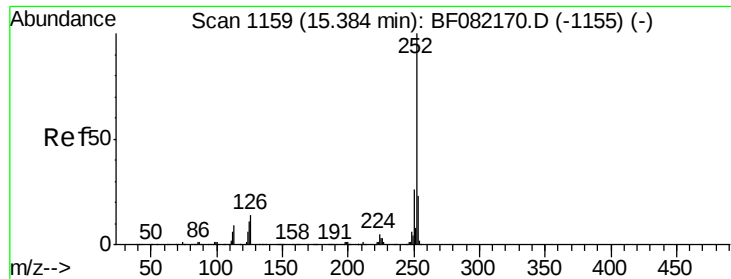


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.98 ng

RT: 15.70 min Scan# 1187

Delta R.T. 0.03 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Instrument :

BNA_F

ClientSampleId :

CF-2

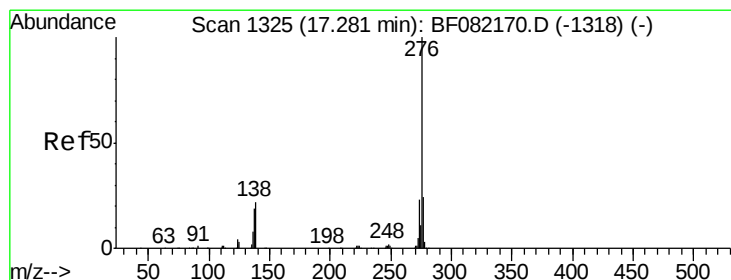
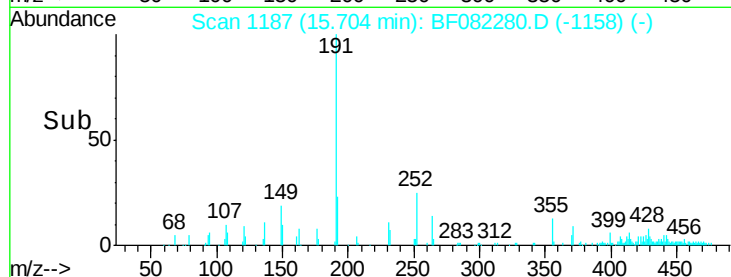
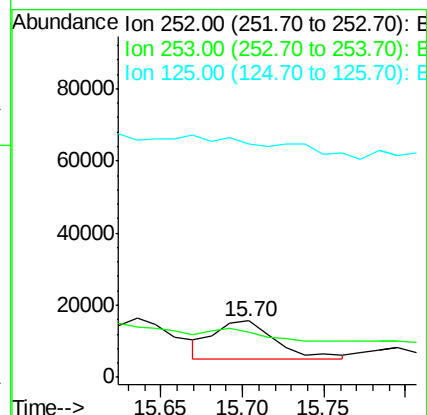
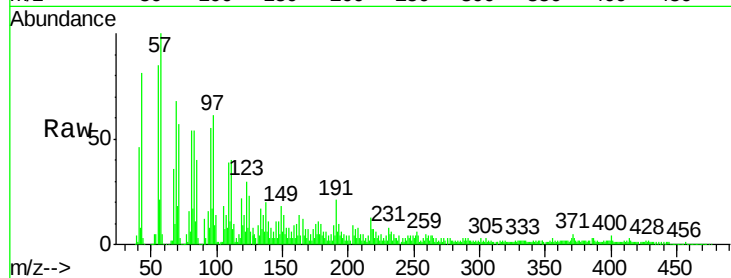
Tot Ion:252 Resp: 26801

Ion Ratio Lower Upper

252 100

253 80.0 18.2 27.2#

125 412.7 8.9 13.3#



#91

Benzo(g,h,i)perylene

Concen: 5.46 ng

RT: 17.64 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF082280.D

Acq: 14 Oct 2015 15:30

Tgt Ion:276 Resp: 23380

Ion Ratio Lower Upper

276 100

277 52.0 18.8 28.2#

138 81.9 17.4 26.2#

