

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083085.D
 Acq On : 20 Nov 2015 16:52
 Operator : UM/IZ
 Sample : G4436-07DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ON-1593DL

Quant Time: Nov 20 17:39:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	146685	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	516676	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	243661	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	389983	20.00	ng	0.00
75) Chrysene-d12	13.86	240	385673	20.00	ng	0.00
86) Perylene-d12	15.24	264	317070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	637954	67.55	ng	0.01
7) Phenol-d6	6.35	99	814816	65.51	ng	0.00
23) Nitrobenzene-d5	7.26	82	524830	46.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	130536	50.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	822538	45.46	ng	-0.01
78) Terphenyl-d14	12.81	244	552427	33.81	ng	0.00

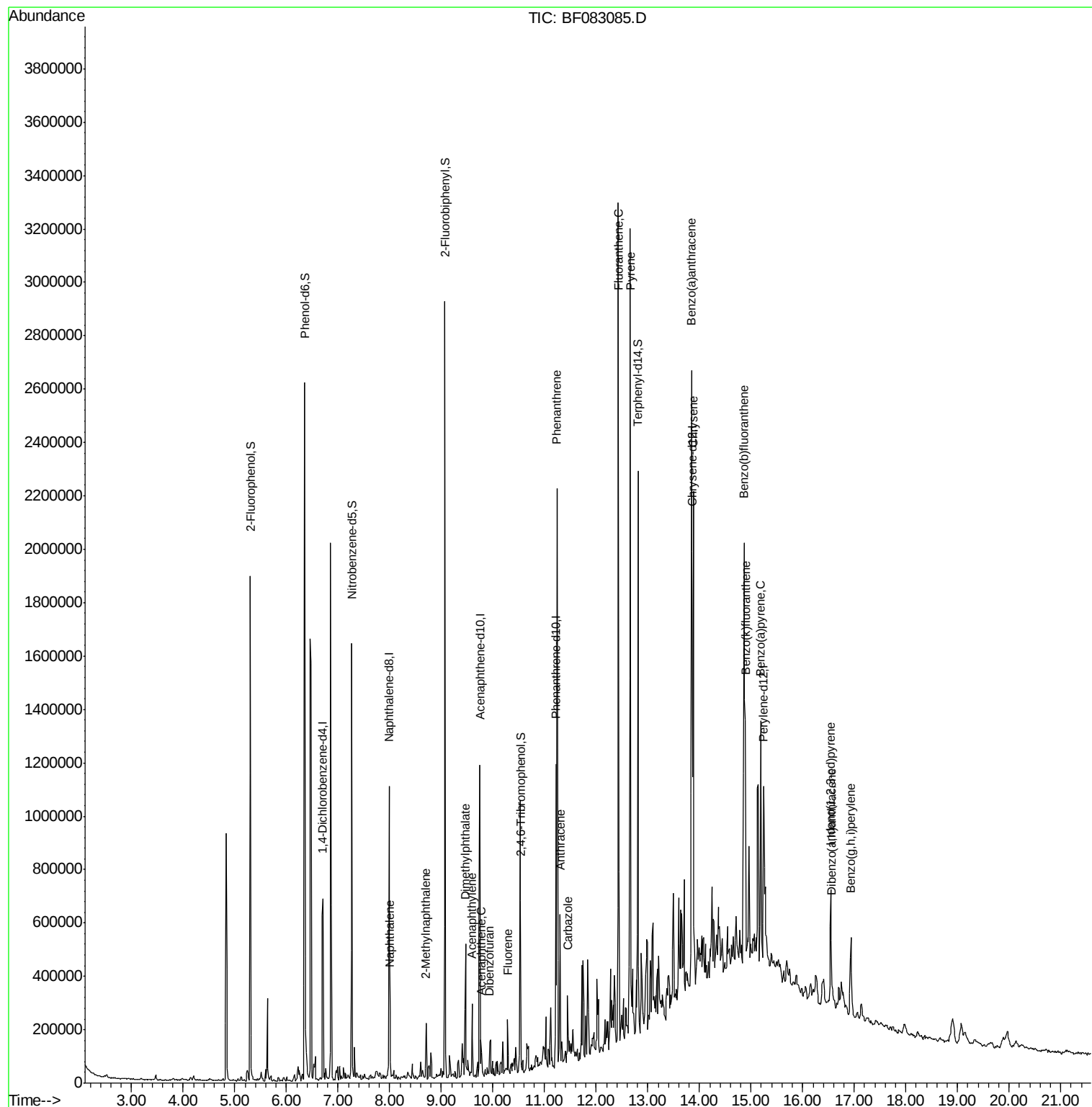
Target Compounds				Qvalue		
31) Naphthalene	8.01	128	95949	3.56	ng	98
37) 2-Methylnaphthalene	8.70	142	50656	2.83	ng	94
48) Acenaphthylene	9.60	152	130351	4.86	ng	98
49) Dimethylphthalate	9.47	163	226730	11.31	ng	98
51) Acenaphthene	9.77	154	35615	2.10	ng	97
54) Dibenzofuran	9.94	168	58146	2.56	ng	98
57) Fluorene	10.28	166	54707	2.99	ng	# 97
70) Phenanthrene	11.24	178	772909	32.85	ng	100
71) Anthracene	11.30	178	305410	12.89	ng	96
72) Carbazole	11.45	167	109082	5.26	ng	97
74) Fluoranthene	12.43	202	1243409	50.71	ng	99
77) Pvrene	12.66	202	1234683	45.47	ng	99
80) Benzo(a)anthracene	13.85	228	810918m	33.09	ng	
82) Chrysene	13.88	228	743860m	33.10	ng	
85) Indeno(1,2,3-cd)pyrene	16.55	276	279465	15.28	ng	95
87) Benzo(b)fluoranthene	14.87	252	844113m	38.07	ng	
88) Benzo(k)fluoranthene	14.89	252	309657m	18.33	ng	
89) Benzo(a)pyrene	15.19	252	497128	27.94	ng	# 96
90) Dibenzo(a,h)anthracene	16.56	278	91859	5.93	ng	94
91) Benzo(a,h,i)perylene	16.93	276	238846	15.81	ng	97

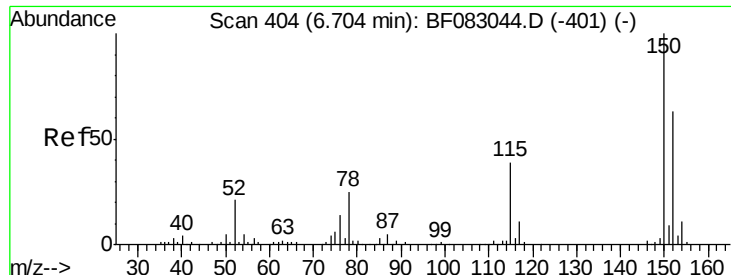
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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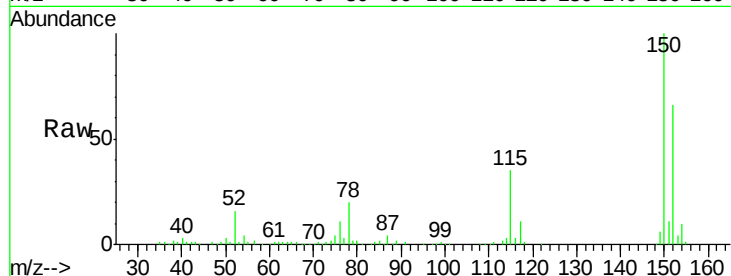




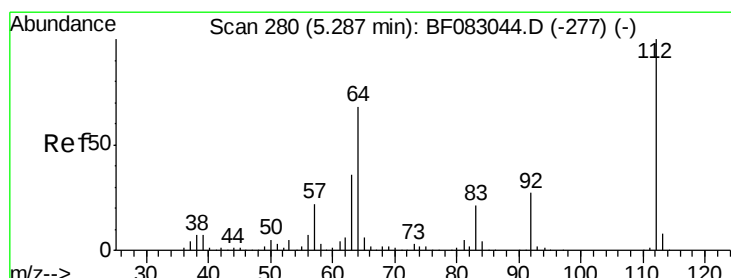
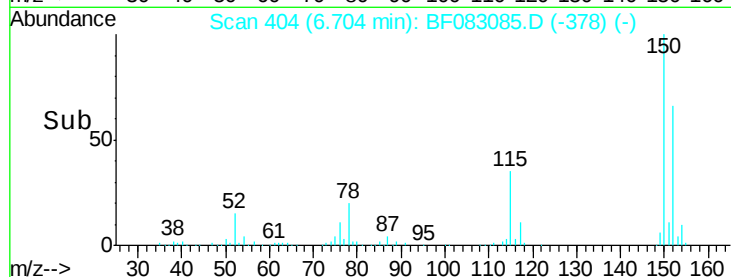
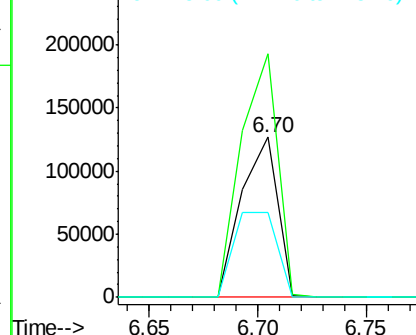
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ON-1593DL

Tot Ion:152 Resp: 146685
 Ion Ratio Lower Upper
 152 100
 150 152.2 126.4 189.6
 115 53.4 49.0 73.6

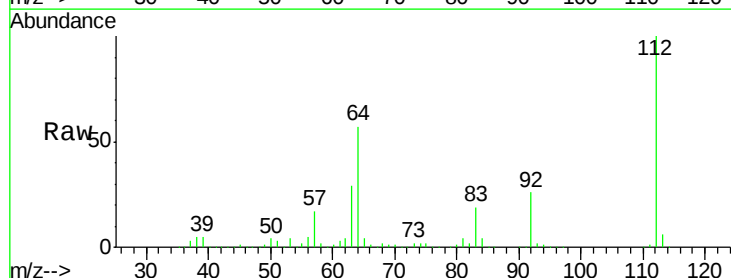


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

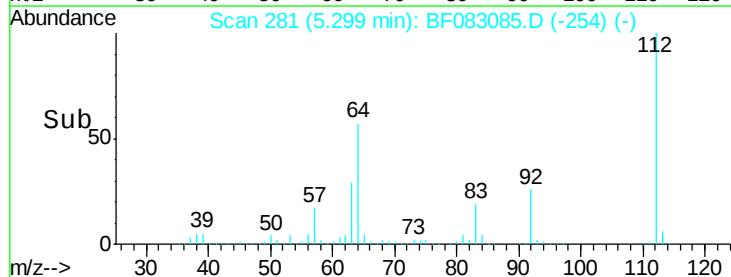
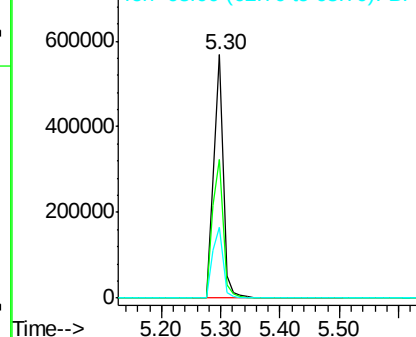


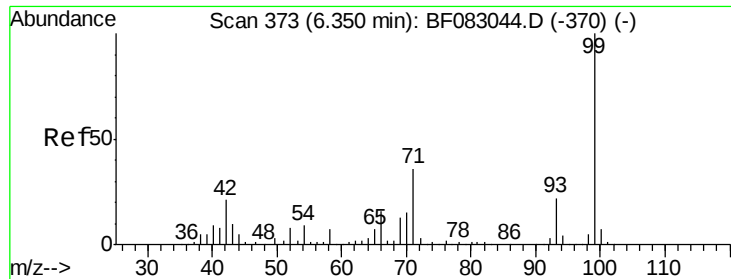
#5
 2-Fluorophenol
 Concen: 67.55 ng
 RT: 5.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

Tgt Ion:112 Resp: 637954
 Ion Ratio Lower Upper
 112 100
 64 57.1 54.8 82.2
 63 29.0 29.0 43.4



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: 65.51 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

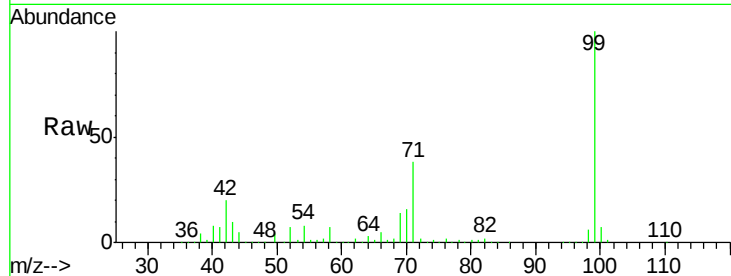
Tot Ion: 99 Resp: 814816

Ion Ratio Lower Upper

99 100

42 20.4 16.6 25.0

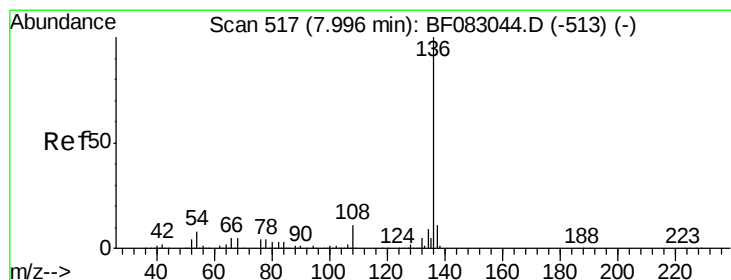
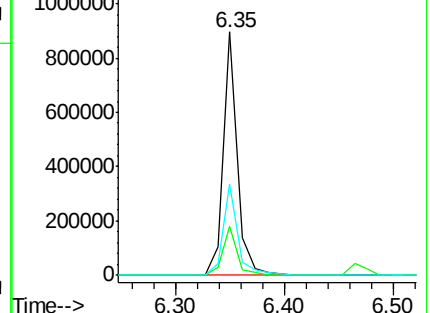
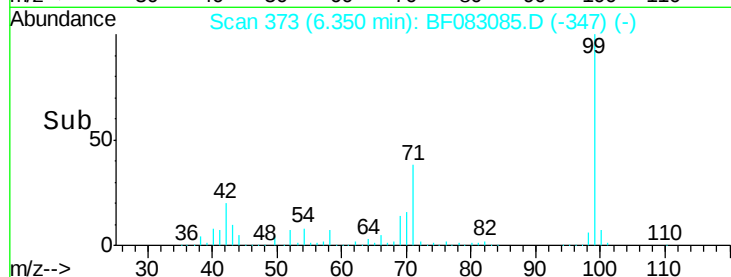
71 37.7 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Tgt Ion: 136 Resp: 516676

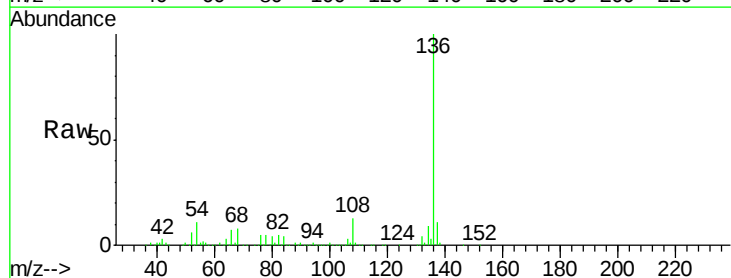
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 10.6 6.2 9.2#

68 7.5 4.2 6.2#

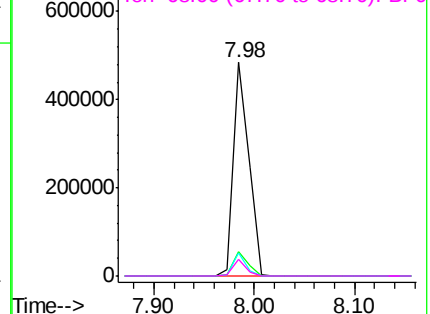
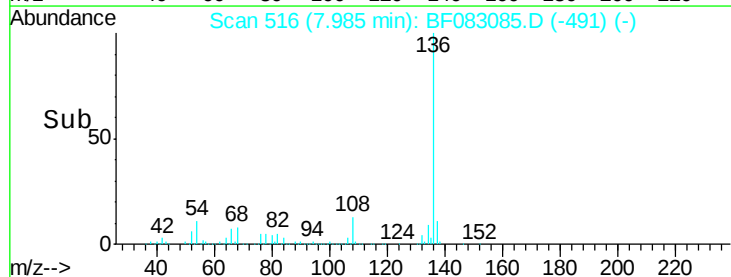


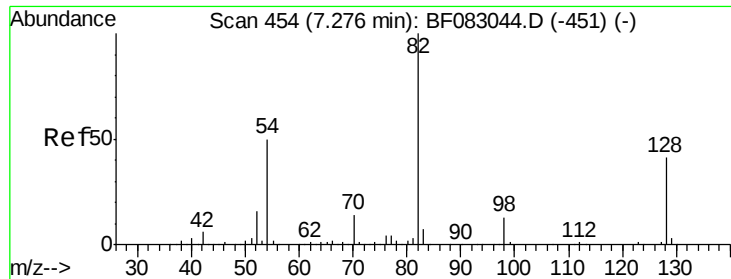
Abundance Ion 136.00 (135.70 to 136.70): E

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

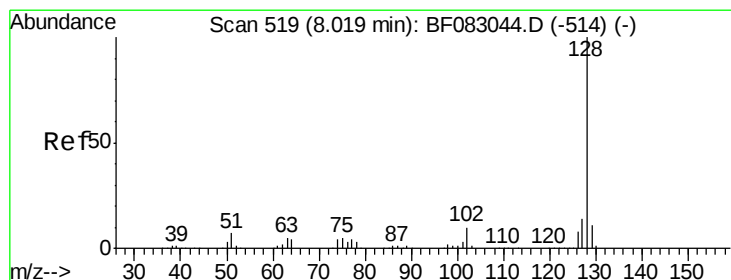
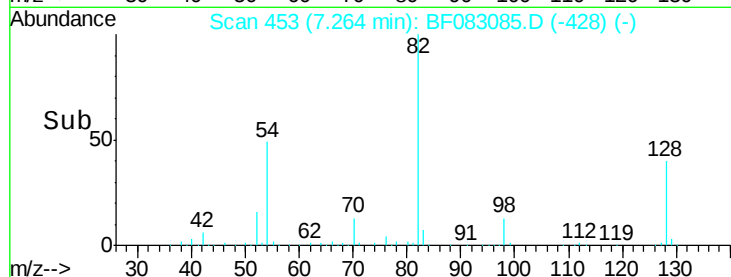
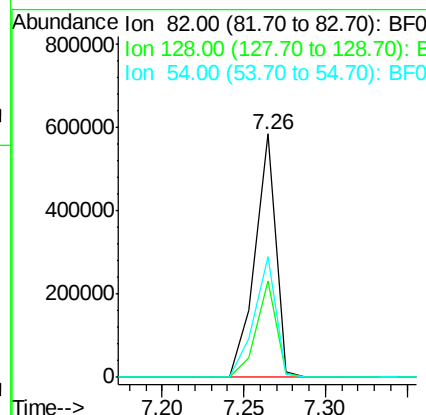
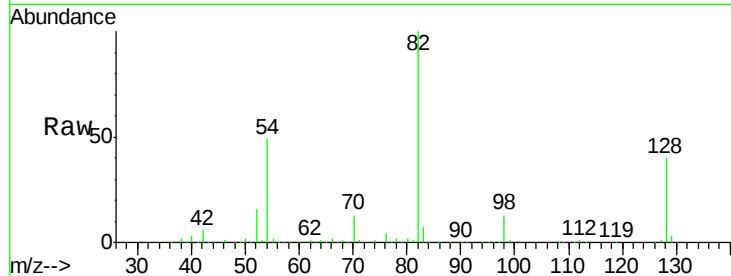




#23
 Nitrobenzene-d5
 Concen: 46.50 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

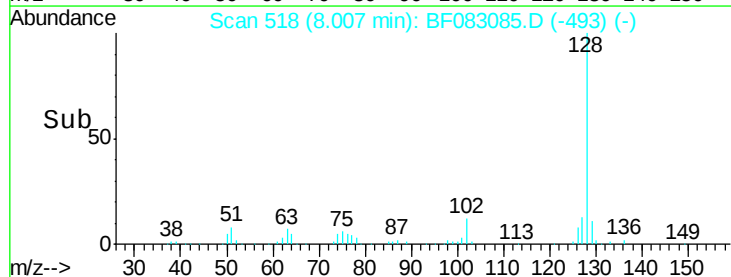
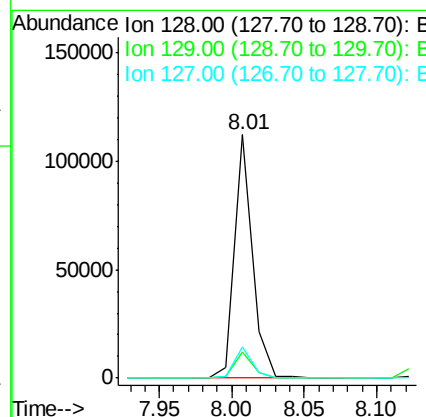
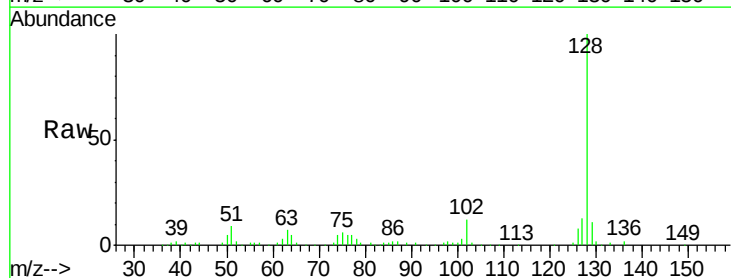
Instrument :
 BNA_F
 ClientSampleID :
 ON-1593DL

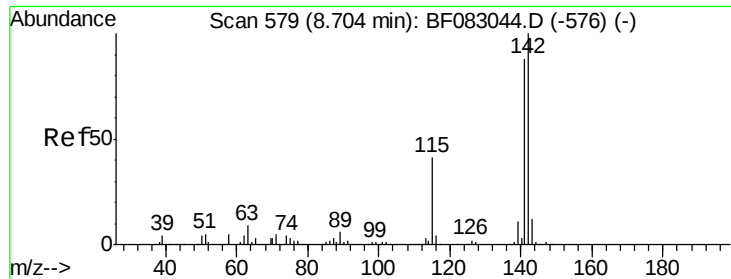
Tot Ion	82	Resp	524830
Ion Ratio	100	Lower	Upper
128	39.6	33.1	49.7
54	49.4	39.8	59.6



#31
 Naphthalene
 Concen: 3.56 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

Tgt Ion	128	Resp	95949
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	10.9	9.0	13.4
127	12.7	10.9	16.3

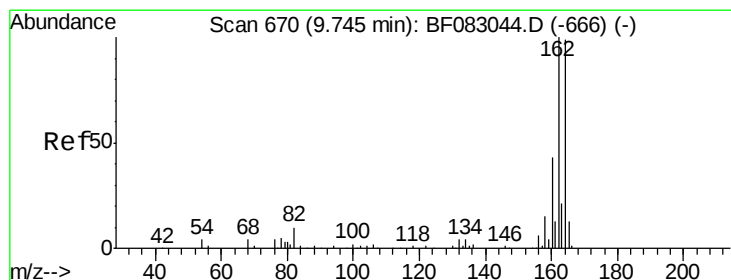
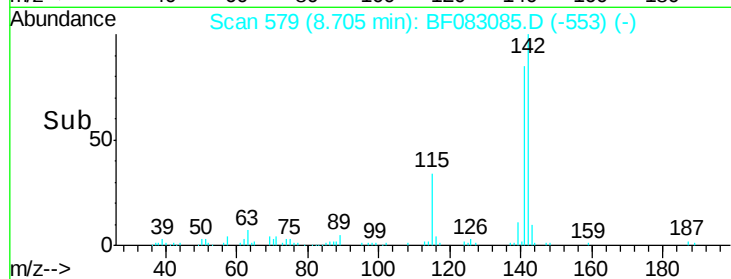
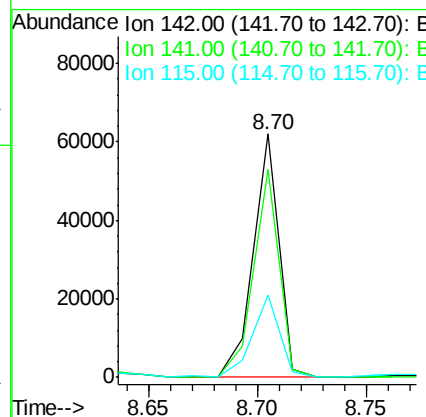
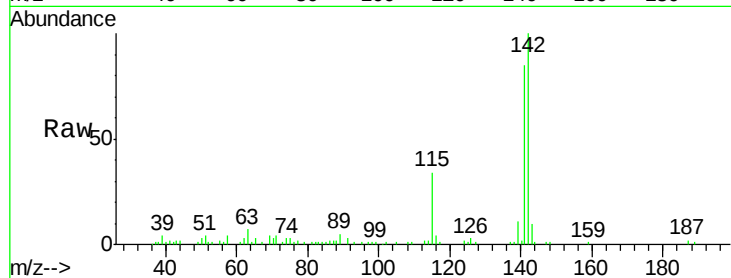




#37
2-Methylnaphthalene
Concen: 2.83 ng
RT: 8.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF083085.D
Acq: 20 Nov 2015 16:52

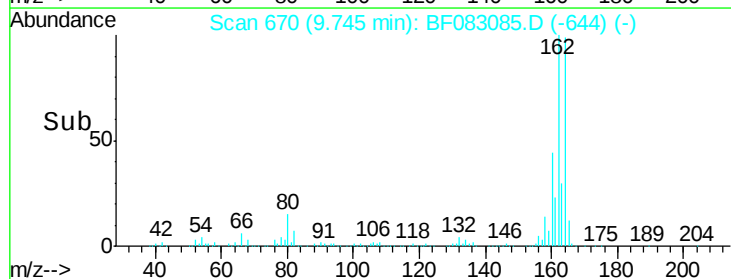
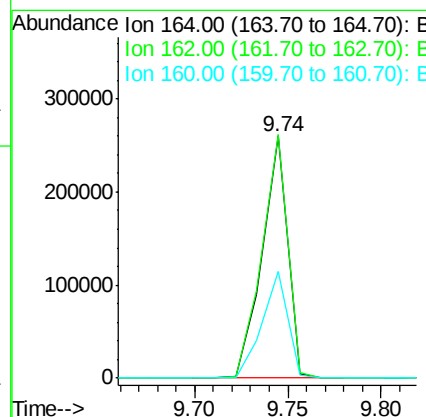
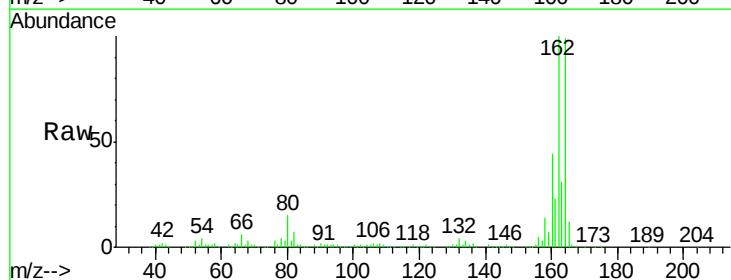
Instrument :
BNA_F
ClientSampleId :
ON-1593DL

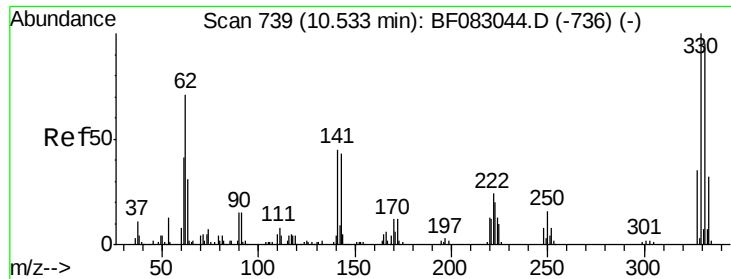
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.7	106.1
115	33.6	33.1	49.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083085.D
Acq: 20 Nov 2015 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.5	120.7
160	44.2	35.0	52.4

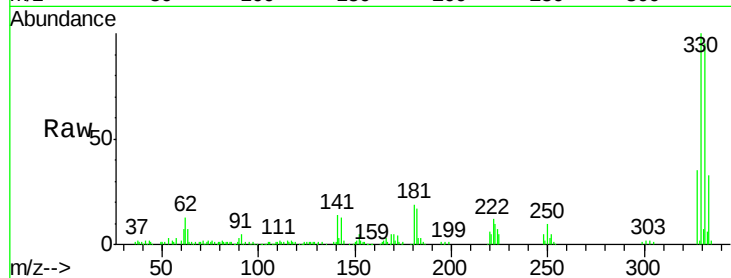




#41
 2,4,6-Tribromophenol
 Concen: 50.46 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

Instrument :
 BNA_F
 ClientSampleId :
 ON-1593DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.6	116.4
141	37.6	34.6	52.0

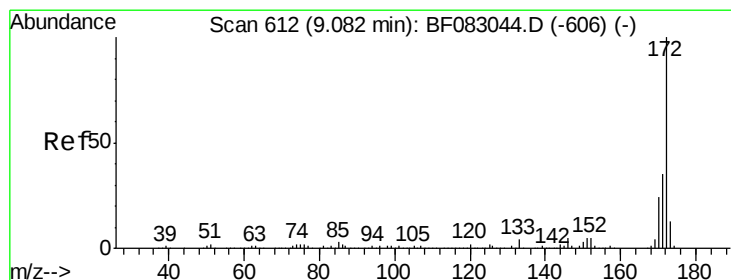
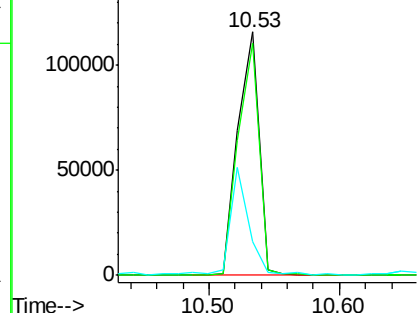
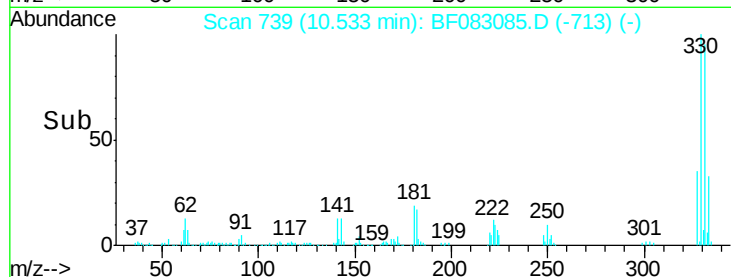


Abundance

Ion 329.80 (329.50 to 330.50): E

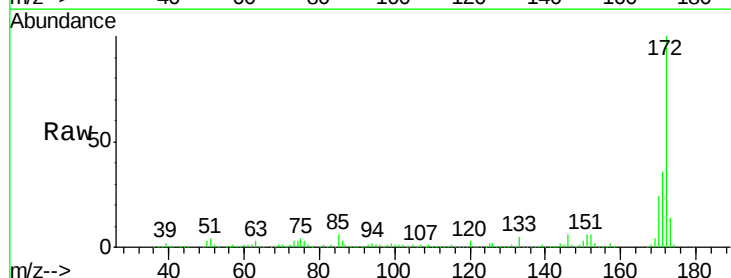
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 45.46 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083085.D
 Acq: 20 Nov 2015 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.4
170	24.2	19.4	29.0

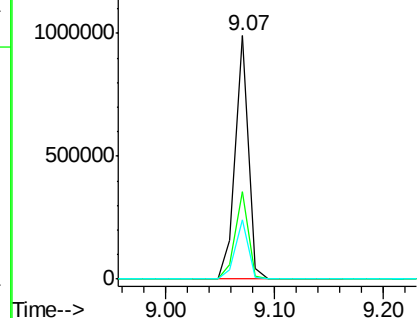
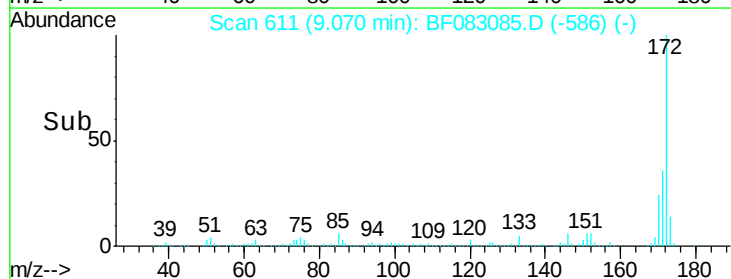


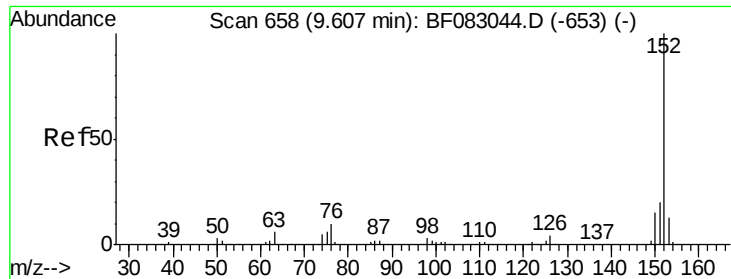
Abundance

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





#48

Acenaphthylene

Concen: 4.86 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

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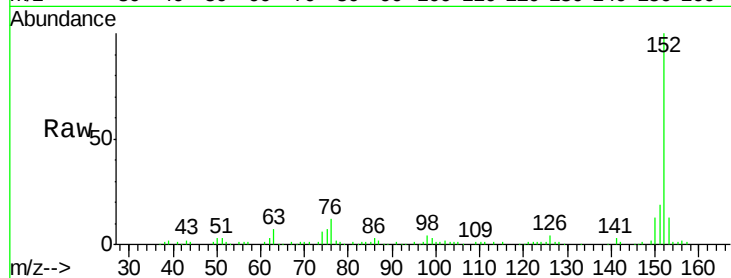
Tot Ion:152 Resp: 130351

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

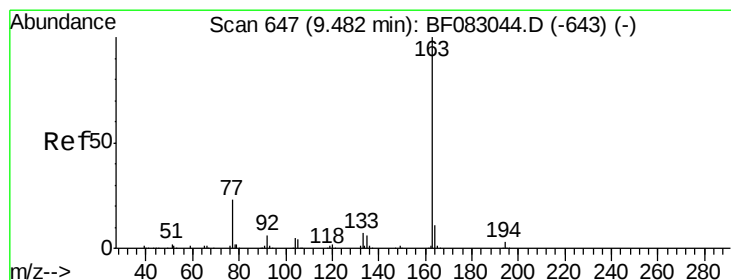
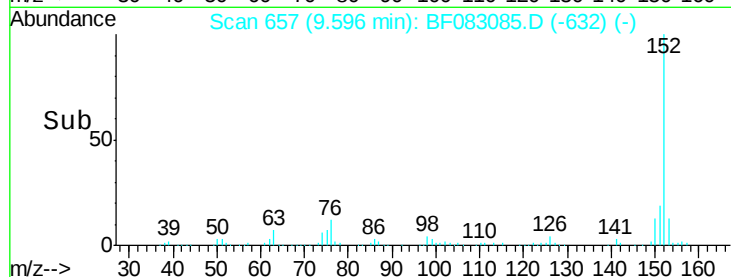
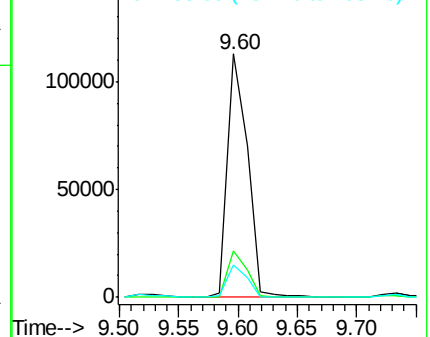
153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 11.31 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

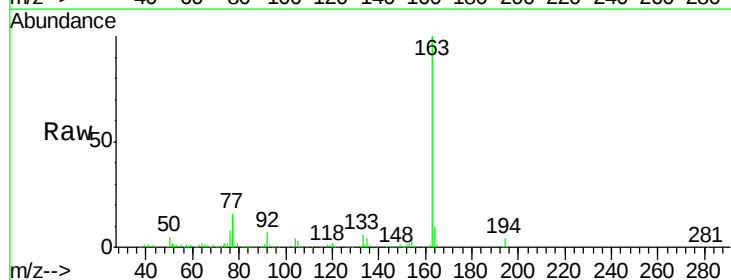
Tgt Ion:163 Resp: 226730

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

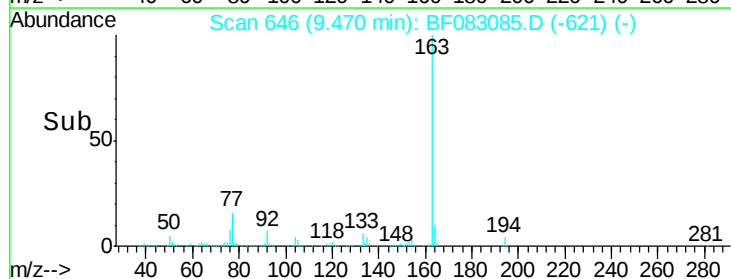
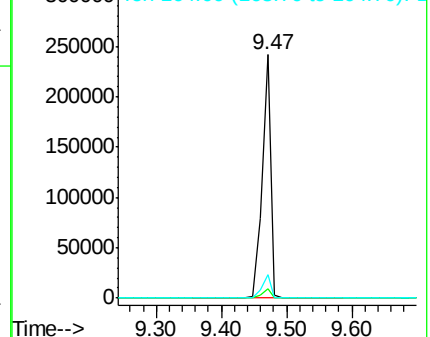
164 9.6 8.5 12.7

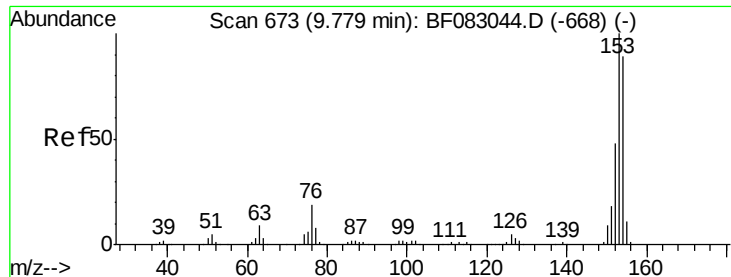


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.10 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083085.D

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ON-1593DL

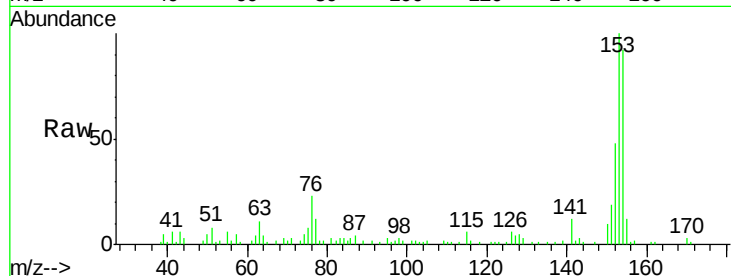
Tot Ion:154 Resp: 35615

Ion Ratio Lower Upper

154 100

153 108.8 90.1 135.1

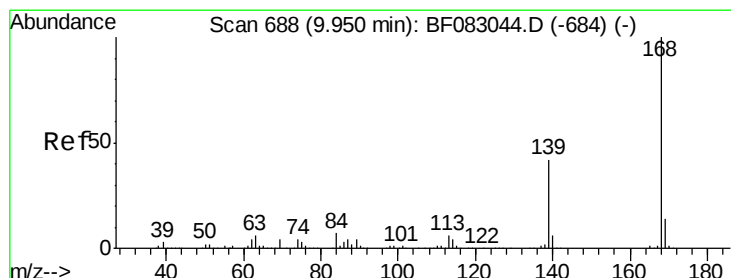
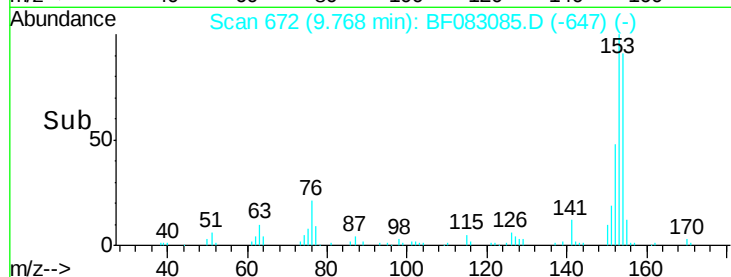
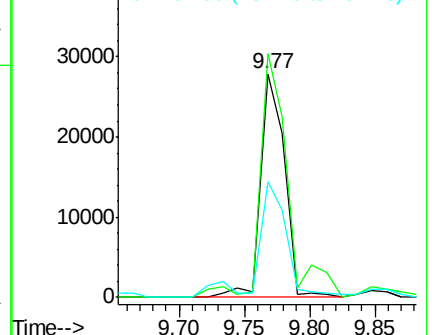
152 51.8 43.3 64.9



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



#54

Dibenzofuran

Concen: 2.56 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

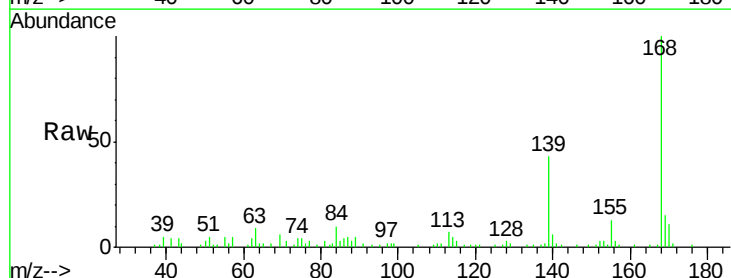
Tgt Ion:168 Resp: 58146

Ion Ratio Lower Upper

168 100

139 42.5 33.5 50.3

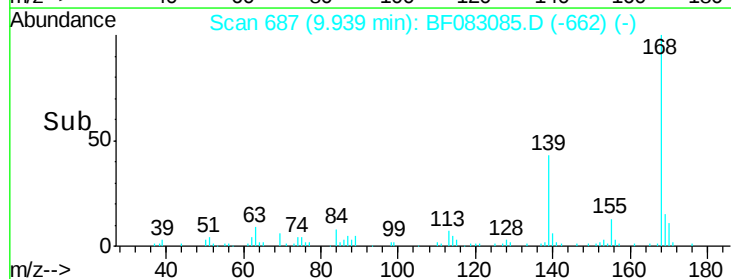
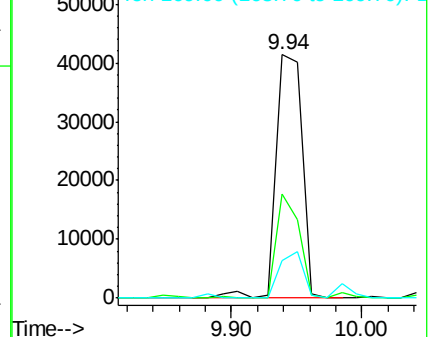
169 15.3 11.2 16.8

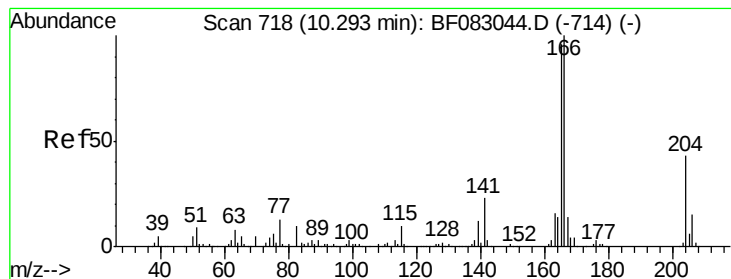


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.99 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

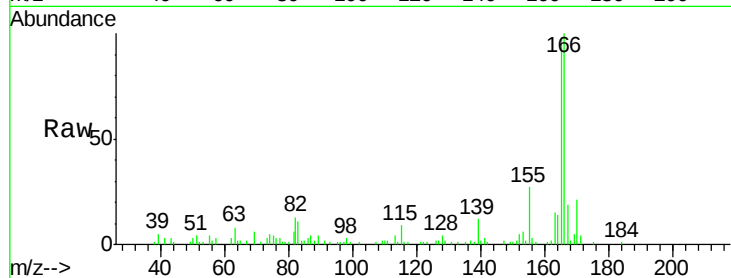
Tot Ion:166 Resp: 54707

Ion Ratio Lower Upper

166 100

165 97.7 77.1 115.7

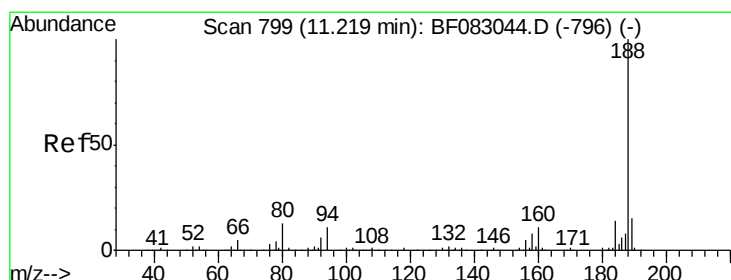
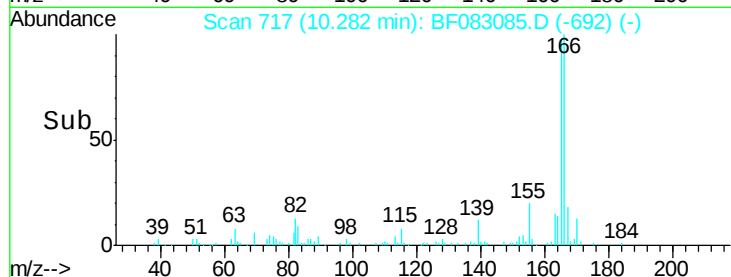
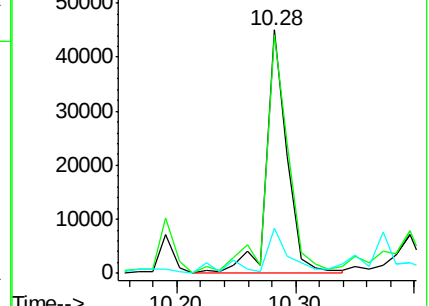
167 18.7 11.0 16.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

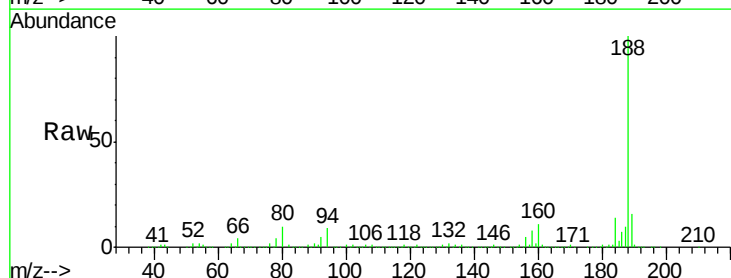
Tgt Ion:188 Resp: 389983

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.4

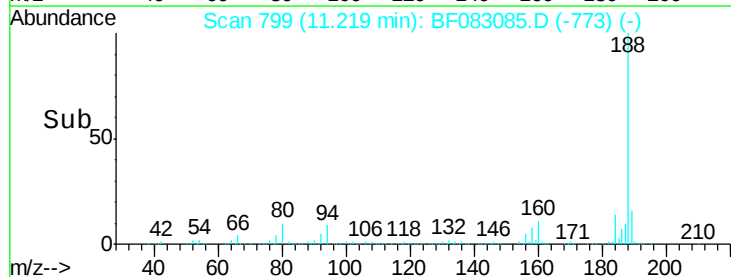
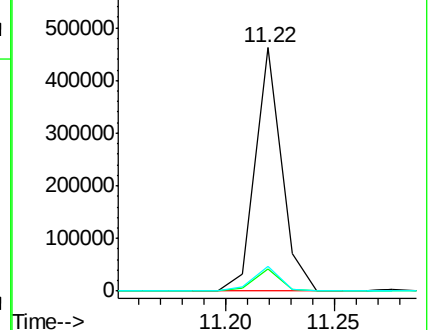
80 10.0 10.2 15.4#

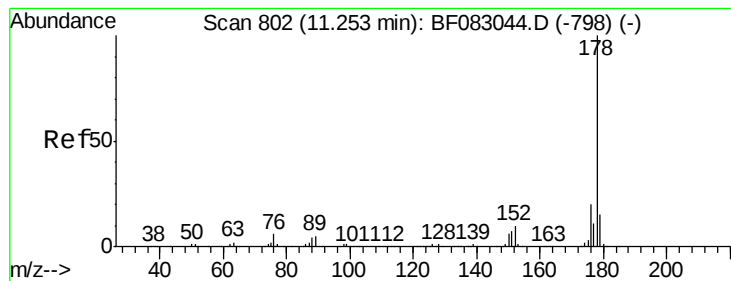


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 32.85 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

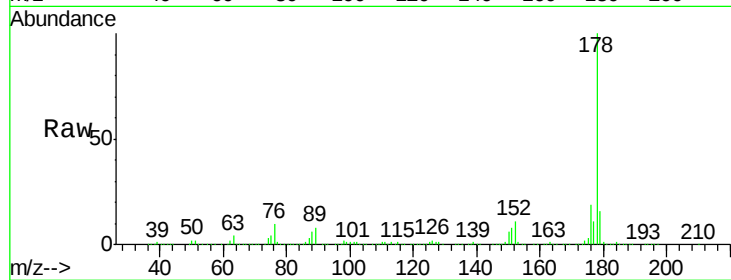
Tot Ion:178 Resp: 772909

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

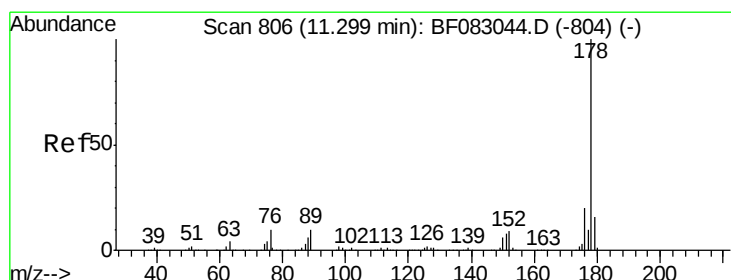
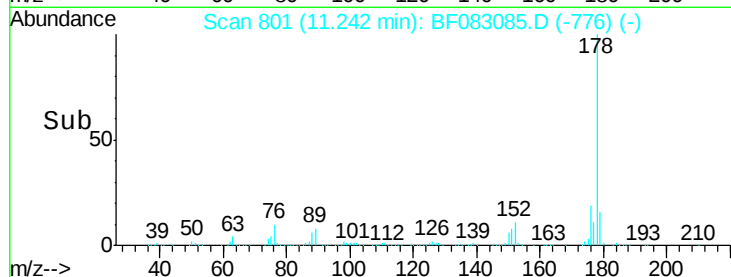
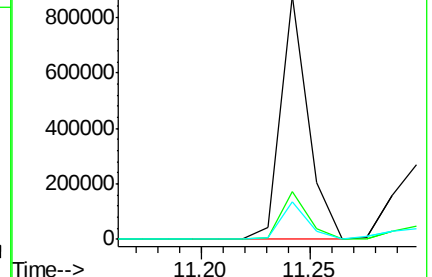
179 15.7 12.3 18.5



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: 12.89 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

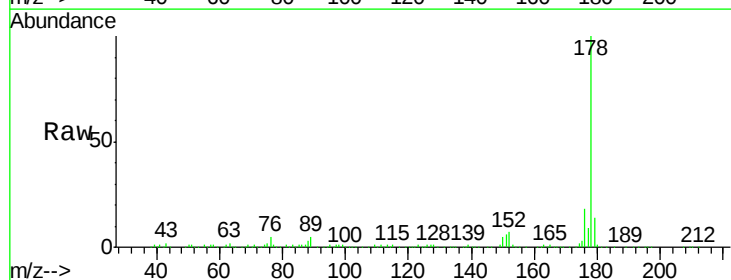
Tgt Ion:178 Resp: 305410

Ion Ratio Lower Upper

178 100

176 17.9 15.8 23.6

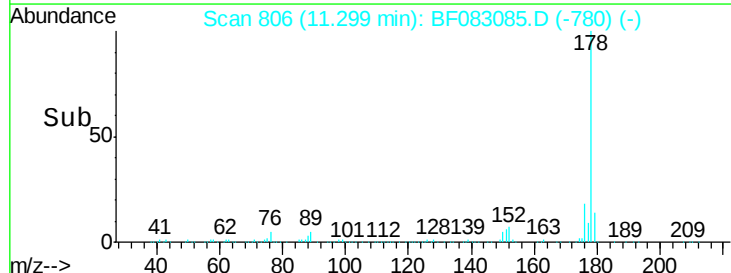
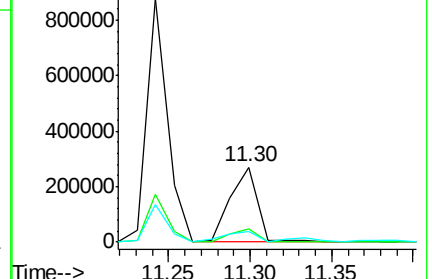
179 14.3 13.1 19.7

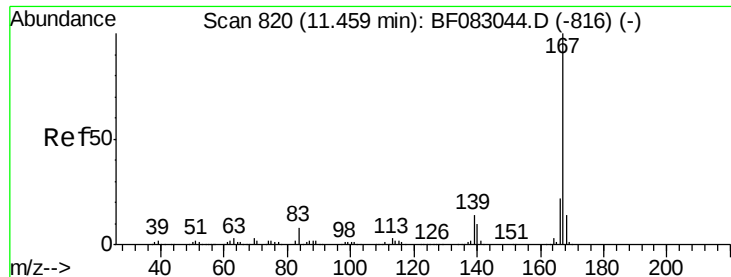


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.26 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

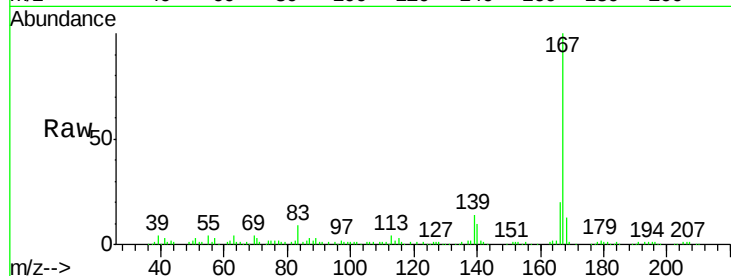
Tot Ion:167 Resp: 109082

Ion Ratio Lower Upper

167 100

166 20.5 17.8 26.6

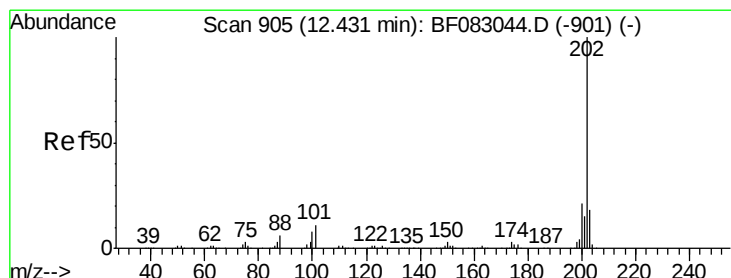
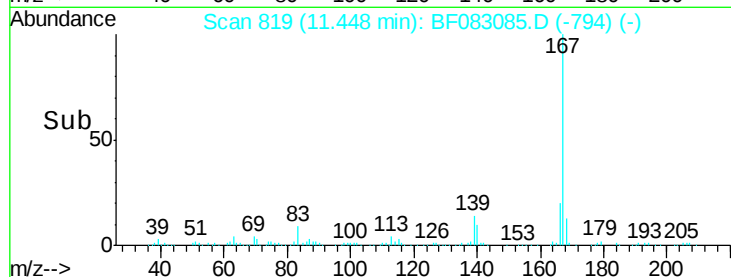
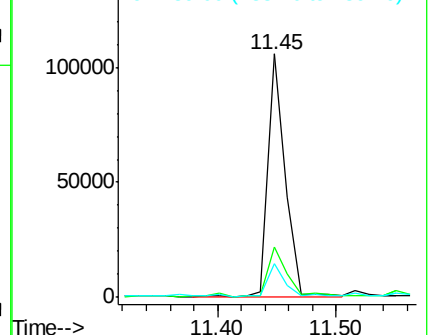
139 14.0 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 50.71 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

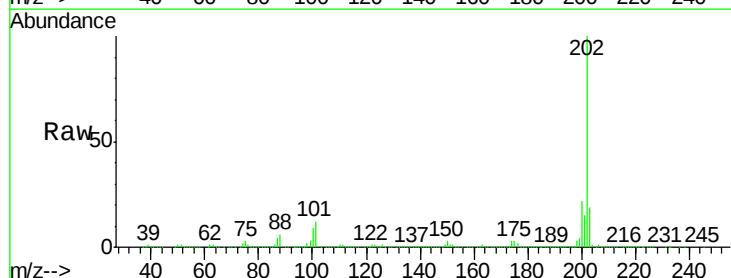
Tgt Ion:202 Resp: 1243409

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.1

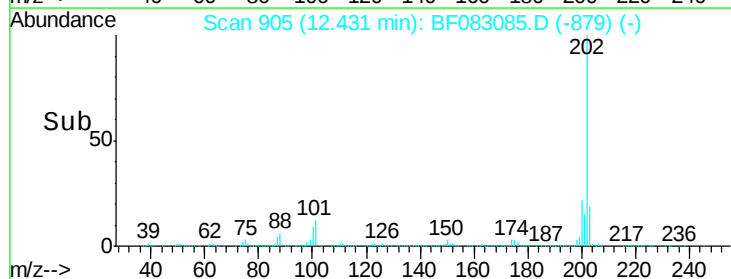
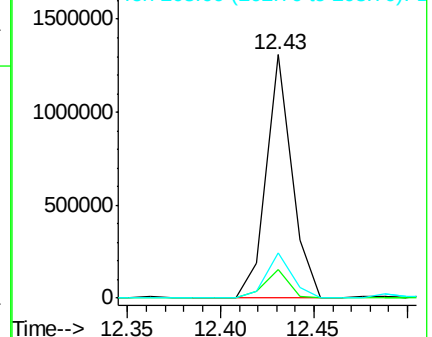
203 18.8 0.0 38.4

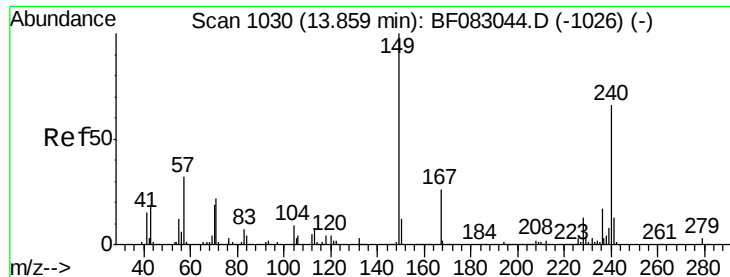


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleID :

ON-1593DL

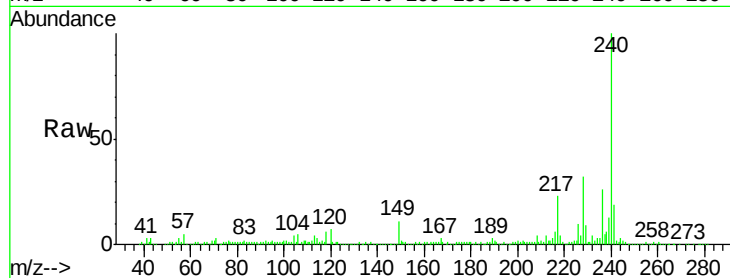
Tot Ion:240 Resp: 385673

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

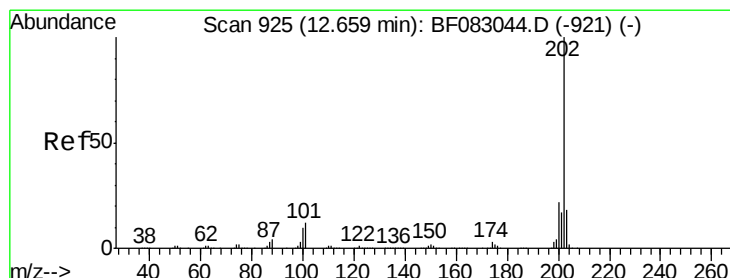
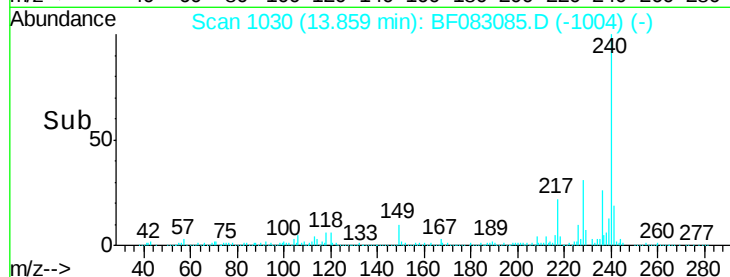
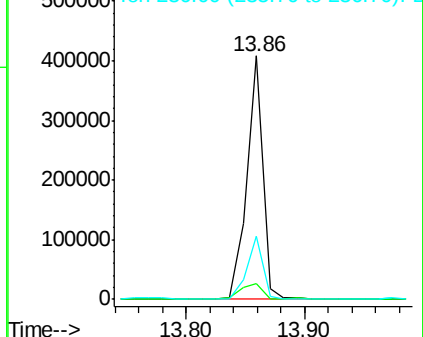
236 25.9 20.4 30.6



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



#77

Pyrene

Concen: 45.47 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

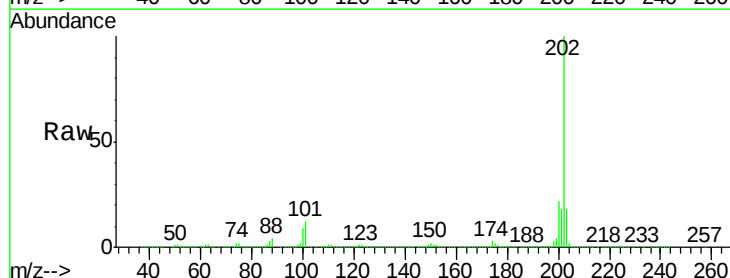
Tgt Ion:202 Resp: 1234683

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

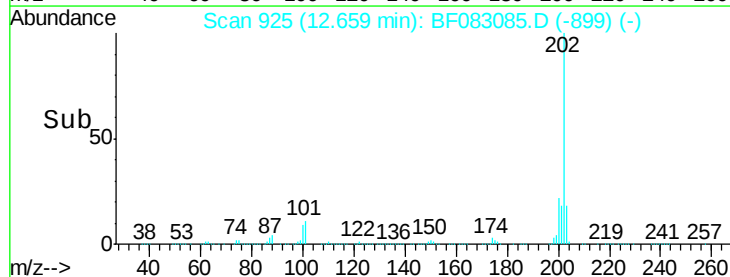
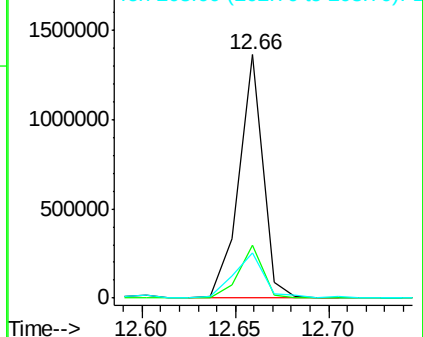
203 18.5 14.6 22.0

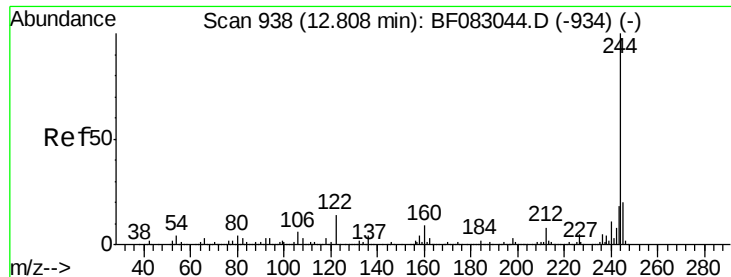


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 33.81 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

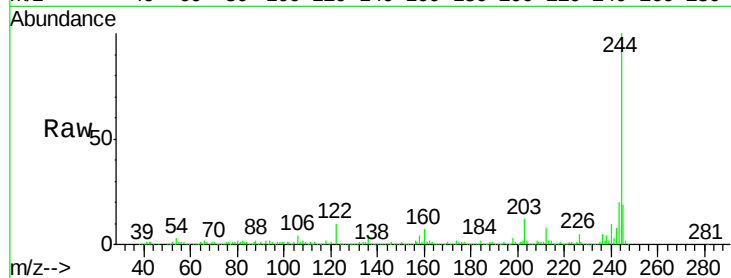
Tot Ion:244 Resp: 552427

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

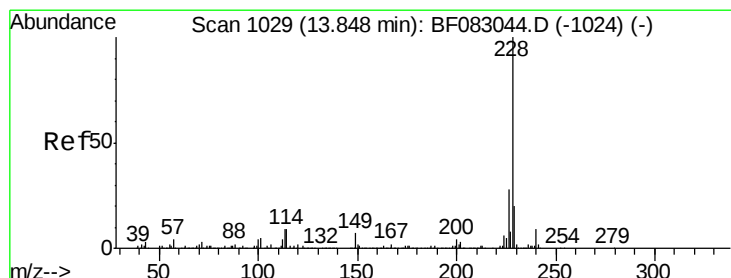
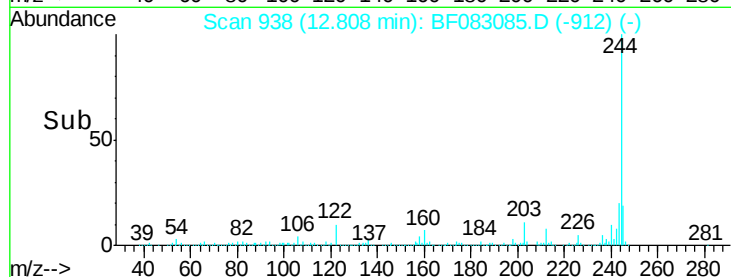
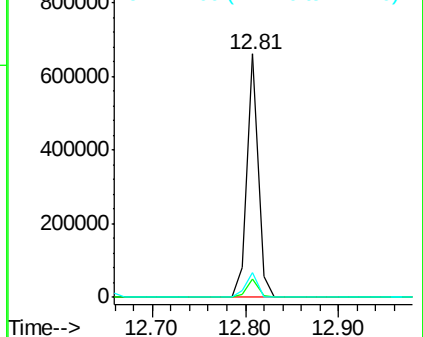
122 10.3 10.9 16.3#



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



#80

Benzo(a)anthracene

Concen: 33.09 ng m

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

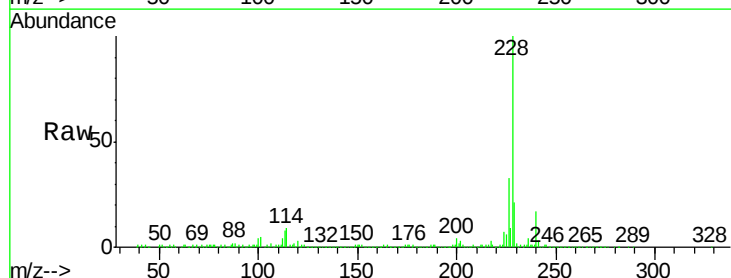
Tgt Ion:228 Resp: 810918

Ion Ratio Lower Upper

228 100

226 32.8 22.6 34.0

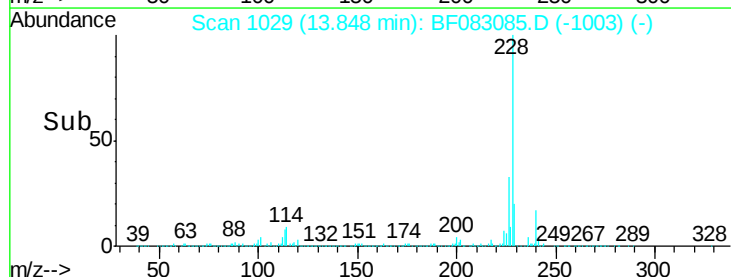
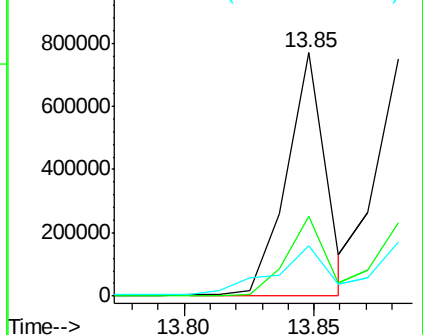
229 20.8 16.1 24.1

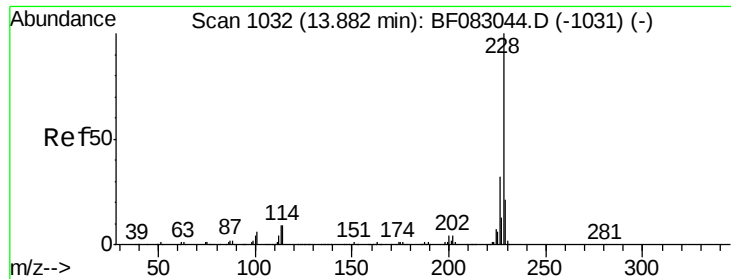


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 33.10 ng/mL

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

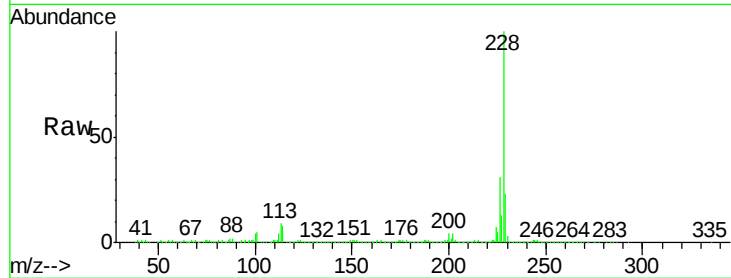
BNA_F

ClientSampleID :

ON-1593DL

Tot Ion: 228 Resp: 743860

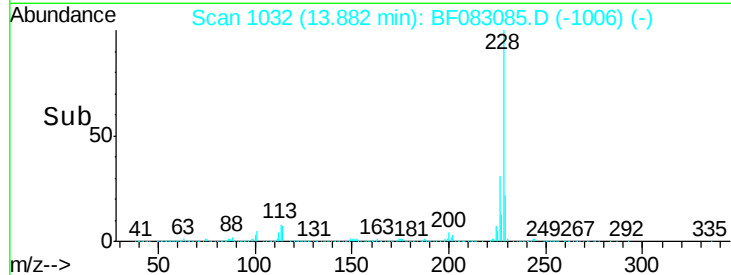
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	22.9	16.4	24.6



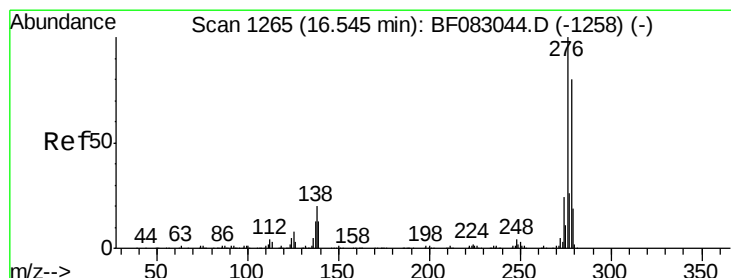
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 15.28 ng/mL

RT: 16.55 min Scan# 1265

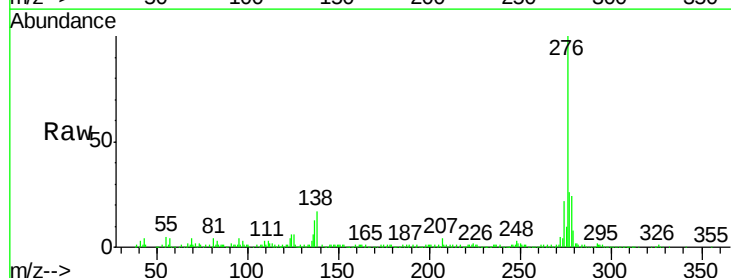
Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Tgt Ion: 276 Resp: 279465

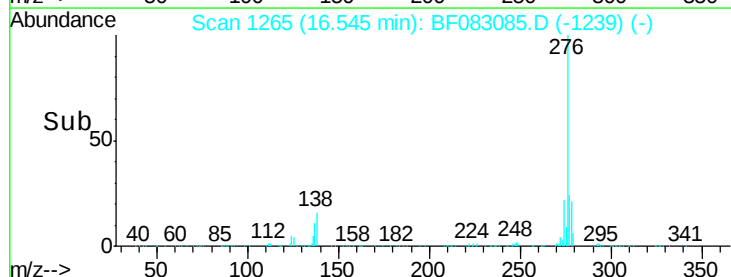
Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.3	24.5
277	26.7	19.8	29.8



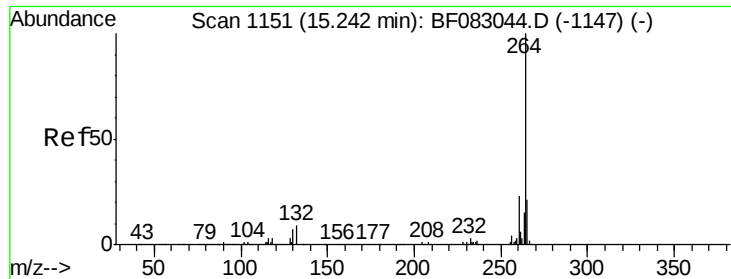
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



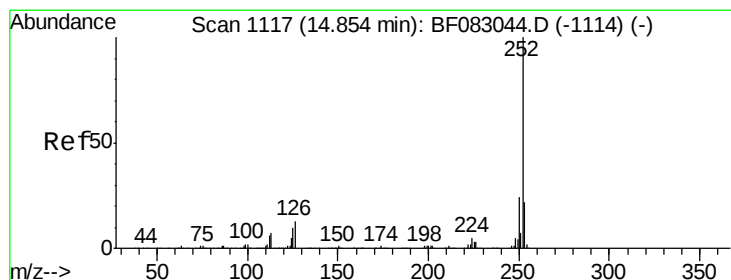
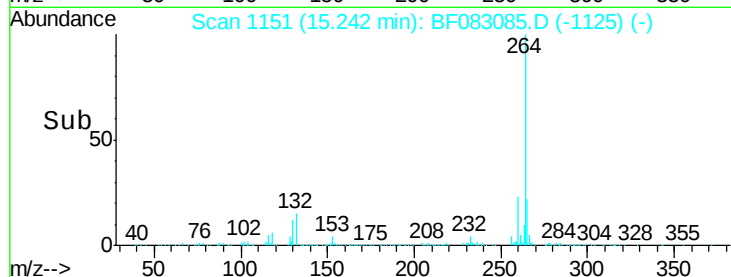
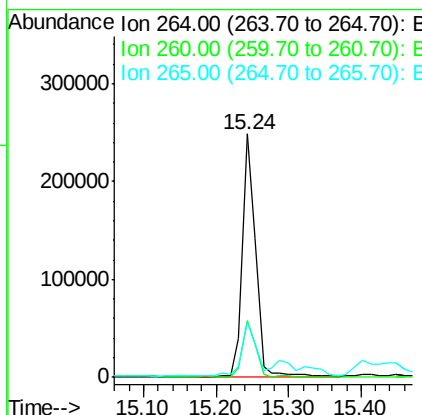
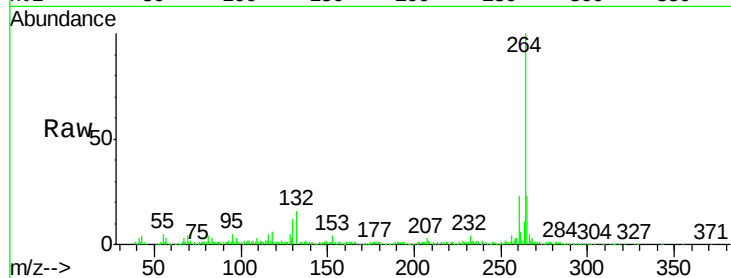
Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083085.D
Acq: 20 Nov 2015 16:52

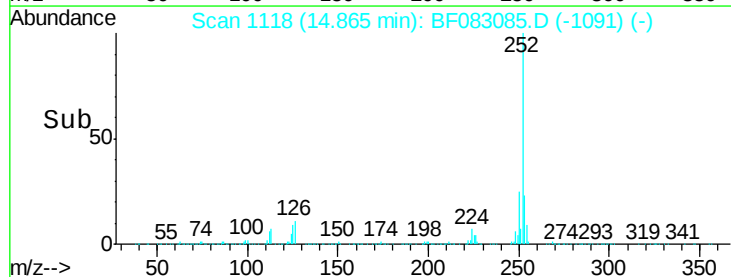
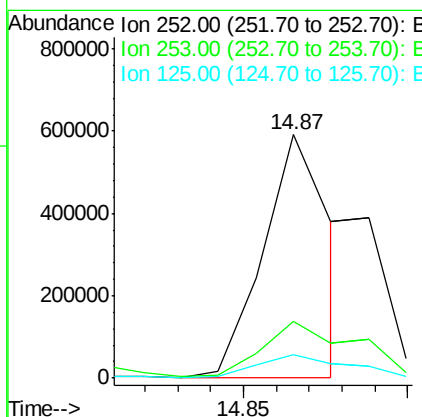
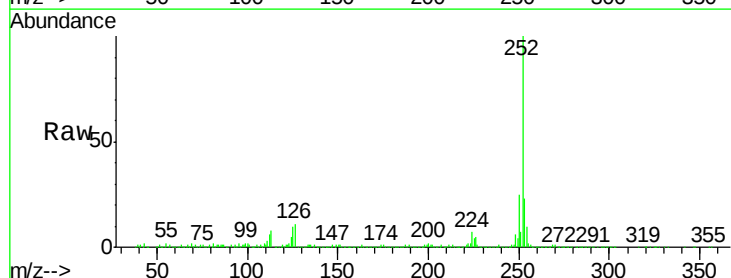
Instrument :
BNA_F
ClientSampleId :
ON-1593DL

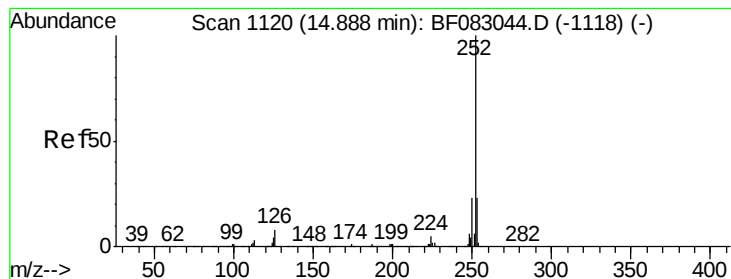
Tot Ion:264 Resp: 317070
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 22.7 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 38.07 ng m
RT: 14.87 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF083085.D
Acq: 20 Nov 2015 16:52

Tgt Ion:252 Resp: 844113
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 9.9 7.7 11.5





#88

Benzo(k)fluoranthene

Concen: 18.33 ng m

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

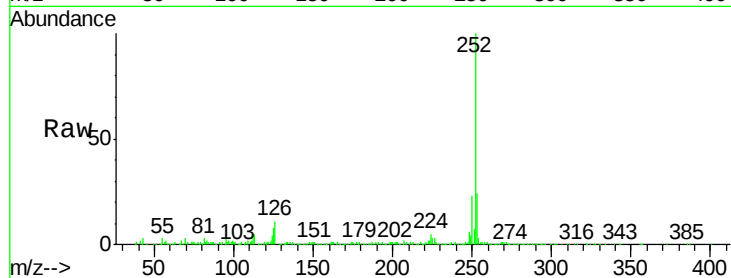
Tot Ion:252 Resp: 309657

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

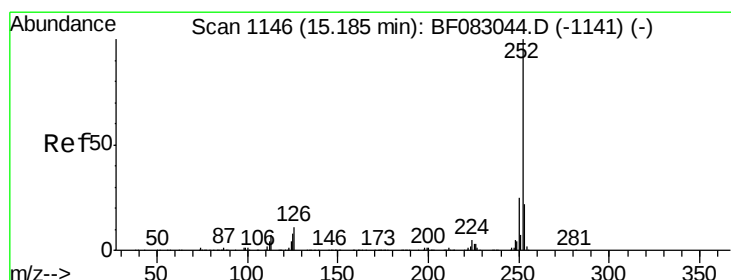
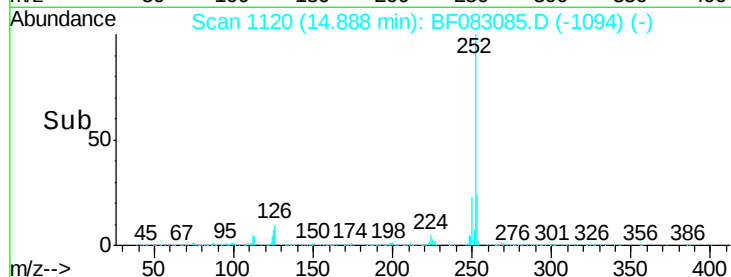
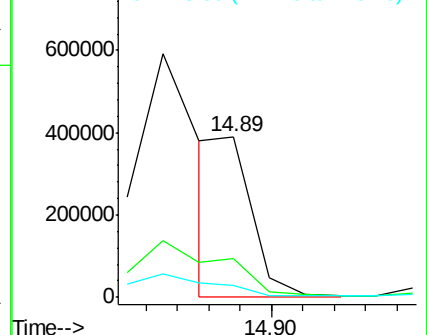
125 7.8 3.8 5.6#



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



#89

Benzo(a)pyrene

Concen: 27.94 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

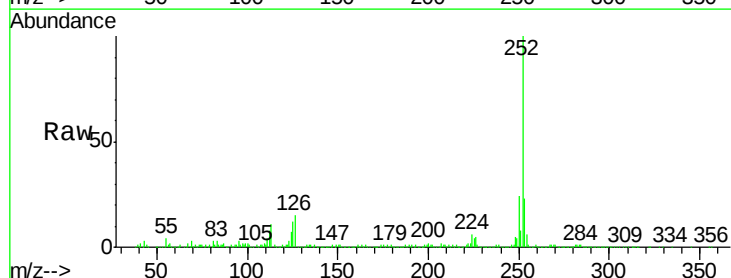
Tgt Ion:252 Resp: 497128

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

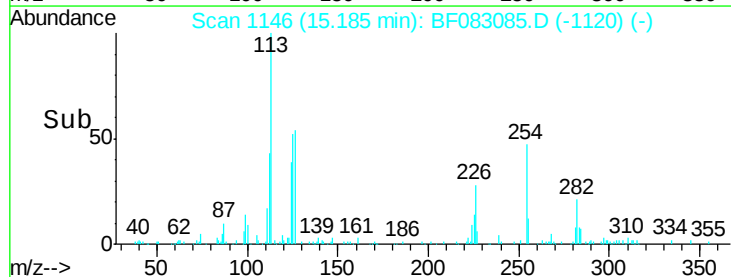
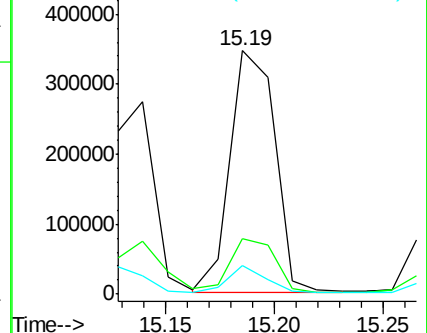
125 11.6 6.4 9.6#

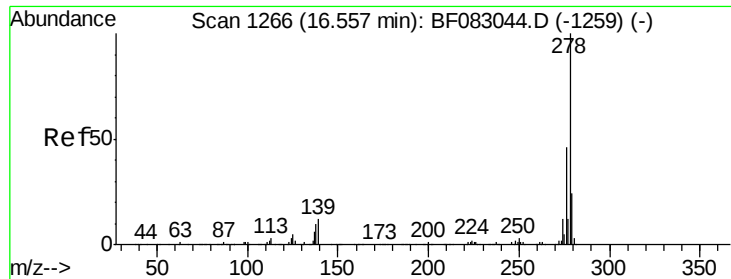


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 5.93 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

Instrument :

BNA_F

ClientSampleId :

ON-1593DL

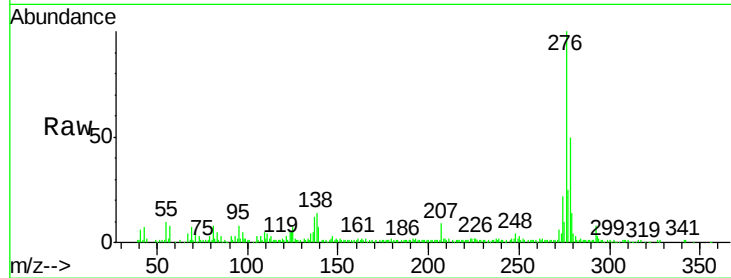
Tot Ion:278 Resp: 91859

Ion Ratio Lower Upper

278 100

139 13.4 9.8 14.8

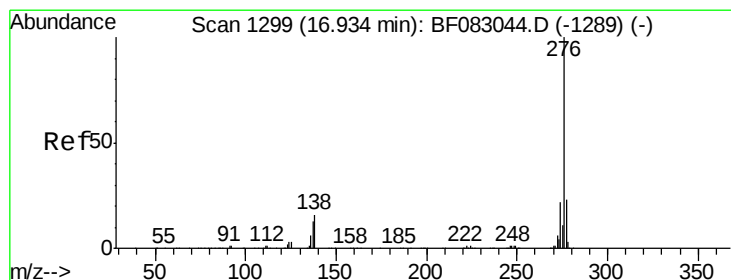
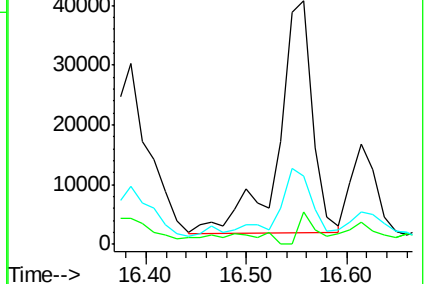
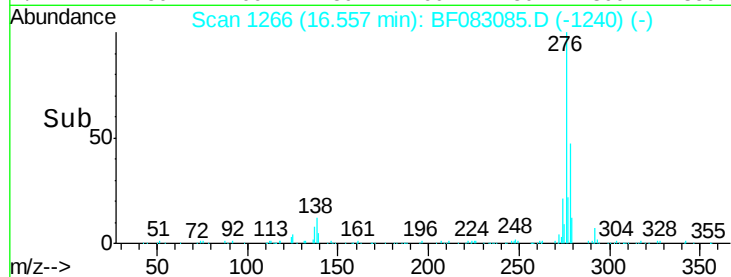
279 28.2 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 15.81 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF083085.D

Acq: 20 Nov 2015 16:52

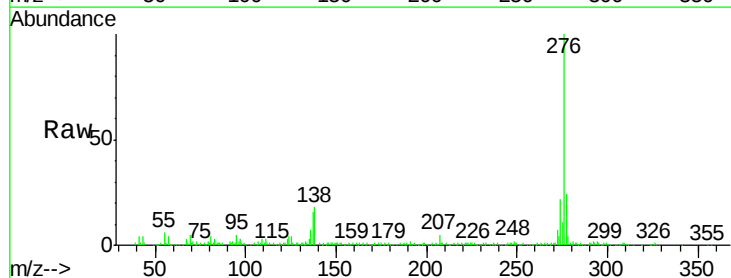
Tgt Ion:276 Resp: 238846

Ion Ratio Lower Upper

276 100

277 24.5 18.6 27.8

138 17.6 12.5 18.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

