

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
 Data File : BF093687.D
 Acq On : 16 Mar 2017 00:05
 Operator : SJ/MA
 Sample : I2264-13 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

Quant Time: Mar 16 01:45:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152965	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	538270	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	203517	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	320620	20.00	ng	0.00
75) Chrysene-d12	13.89	240	345367	20.00	ng	0.00
86) Perylene-d12	15.29	264	291507	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	664093	72.26	ng	-0.01
7) Phenol-d6	6.38	99	682408	58.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	400974	41.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	78451	59.17	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	495407	45.28	ng	-0.01
78) Terphenyl-d14	12.82	244	350844	26.41	ng	0.00

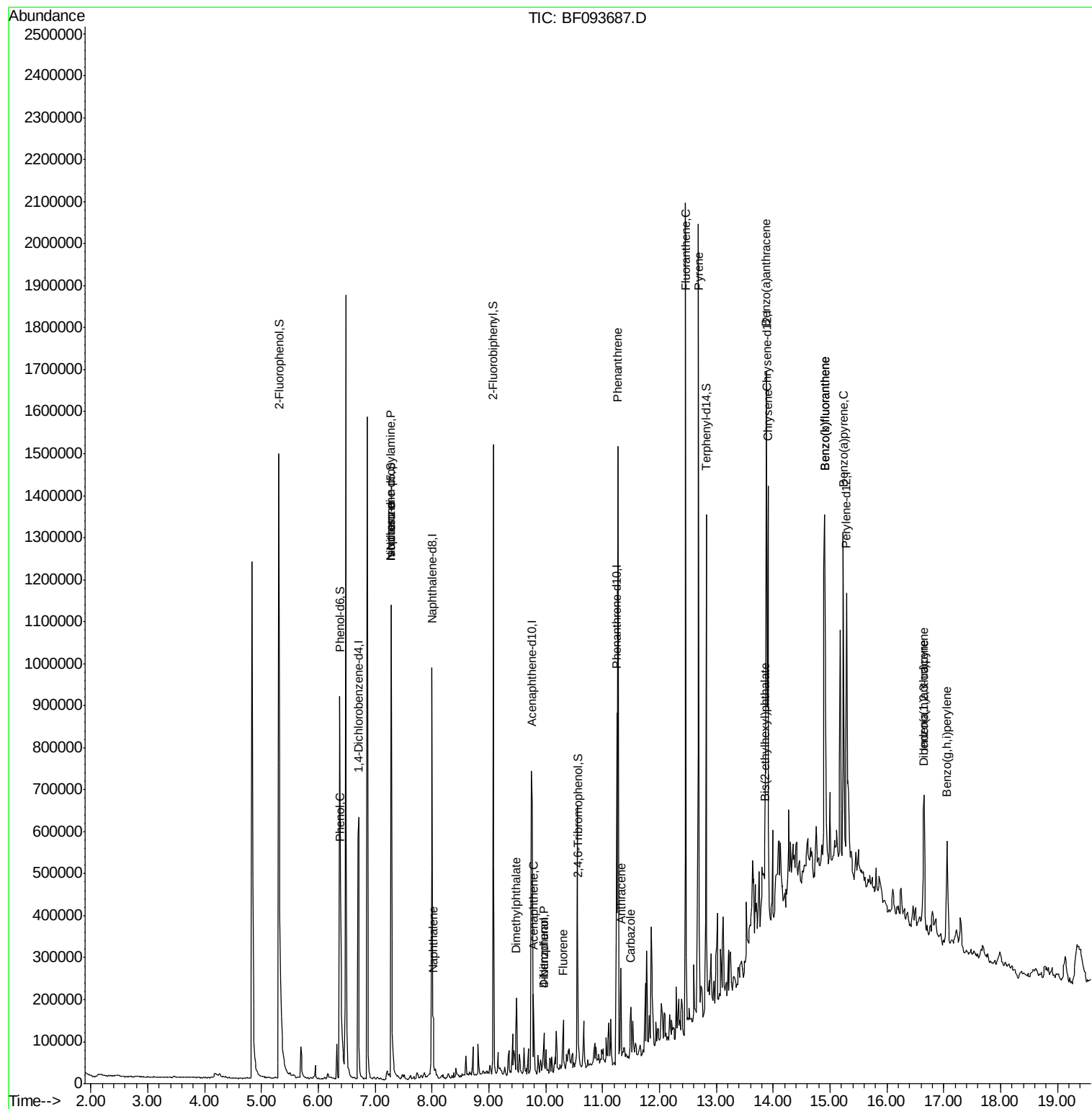
Target Compounds				Qvalue		
10) Phenol	6.39	94	47104	3.32	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	52953	6.65	ng	# 81
25) Isophorone	7.28	82	392117	20.04	ng	# 65
31) Naphthalene	8.02	128	69230	2.57	ng	98
49) Dimethylphthalate	9.49	163	81462	6.04	ng	99
51) Acenaphthene	9.78	154	40510	3.66	ng	91
54) Dibenzofuran	9.97	168	31308	2.26	ng	92
55) 4-Nitrophenol	9.97	139	11999	6.95	ng	# 8
57) Fluorene	10.31	166	39611	3.37	ng	98
70) Phenanthrene	11.27	178	553234	30.23	ng	97
71) Anthracene	11.33	178	130940	7.07	ng	98
72) Carbazole	11.50	167	58179	3.35	ng	96
74) Fluoranthene	12.46	202	773686	43.77	ng	96
77) Pyrene	12.69	202	795331	31.66	ng	98
80) Benzo(a)anthracene	13.88	228	490504	24.05	ng	99
82) Chrysene	13.91	228	331041	17.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	93366	6.34	ng	93
85) Indeno(1,2,3-cd)pyrene	16.65	276	218402	13.83	ng	98
87) Benzo(b)fluoranthene	14.91	252	689060	38.81	ng	97
88) Benzo(k)fluoranthene	14.91	252	689060	40.25	ng	# 97
89) Benzo(a)pyrene	15.24	252	383559	23.64	ng	96
90) Dibenzo(a,h)anthracene	16.64	278	46082	3.43	ng	# 79
91) Benzo(g,h,i)perylene	17.05	276	205831	14.94	ng	# 85

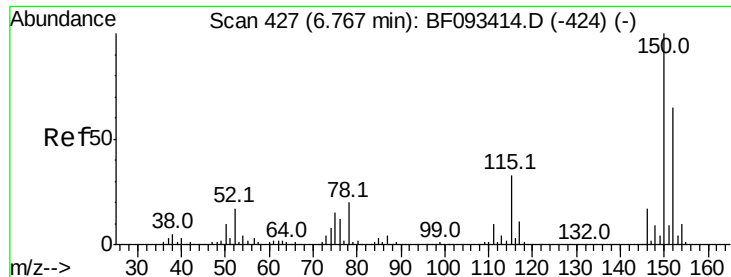
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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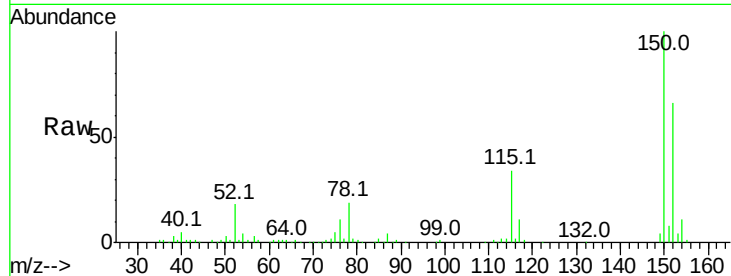


#1

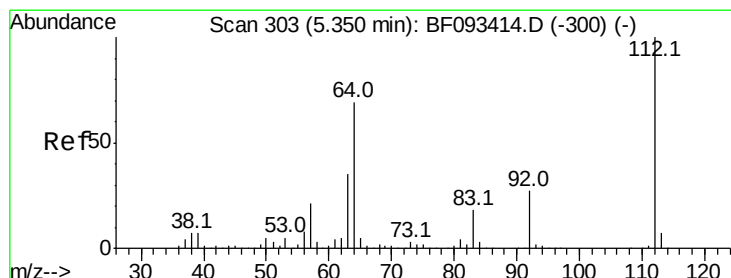
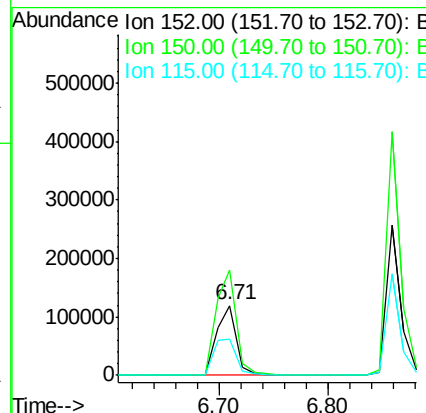
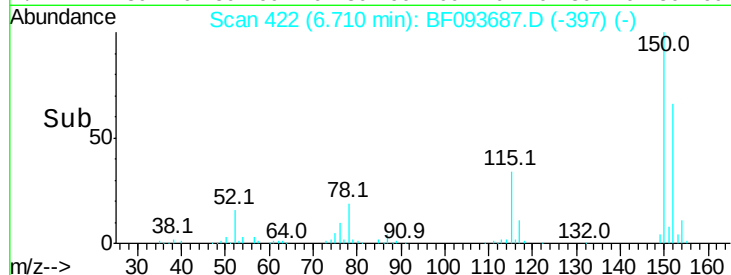
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:152 Resp: 152965
Ion Ratio Lower Upper
152 100
150 152.0 124.9 187.3
115 52.1 46.0 69.0



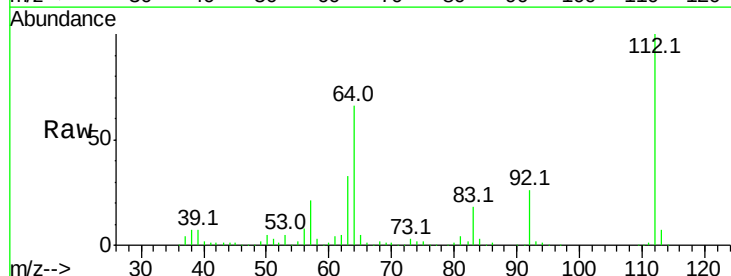
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



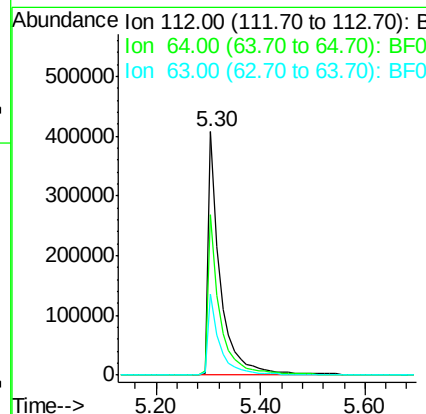
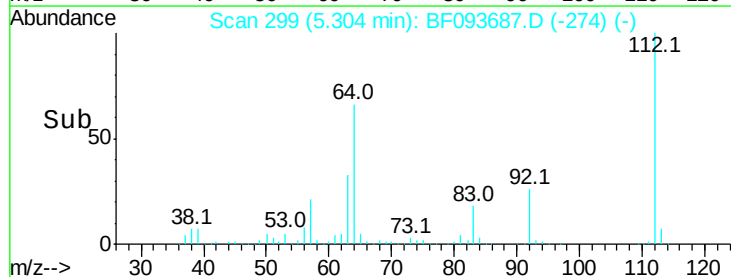
#5

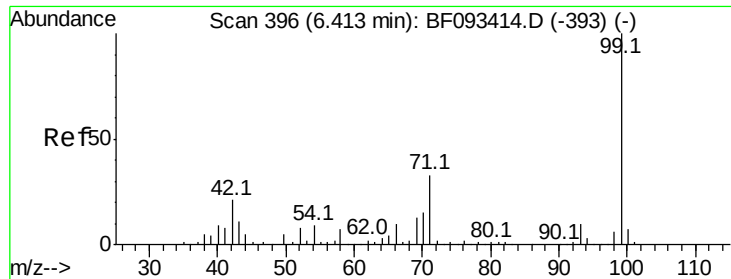
2-Fluorophenol
Concen: 72.26 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:112 Resp: 664093
Ion Ratio Lower Upper
112 100
64 65.7 46.1 69.1
63 33.2 23.8 35.6



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: 58.88 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

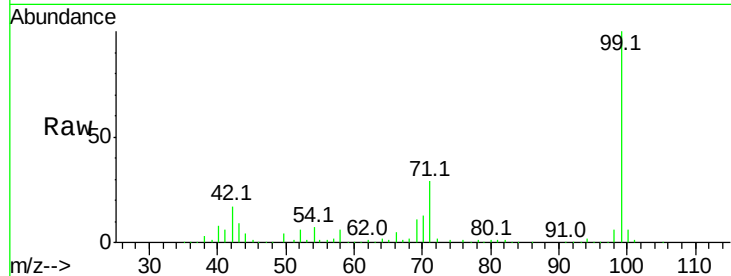
Tot Ion: 99 Resp: 682408

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

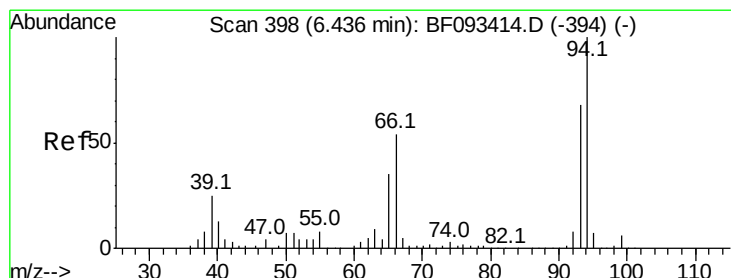
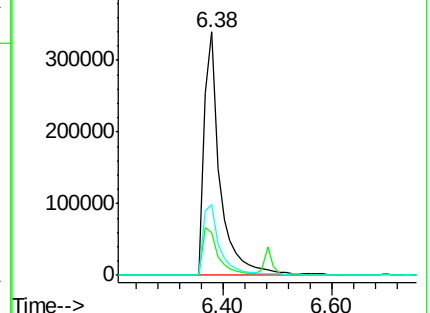
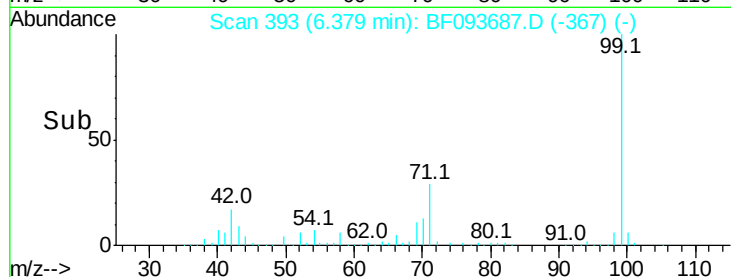
71 28.9 27.5 41.3



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



#10

Phenol

Concen: 3.32 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

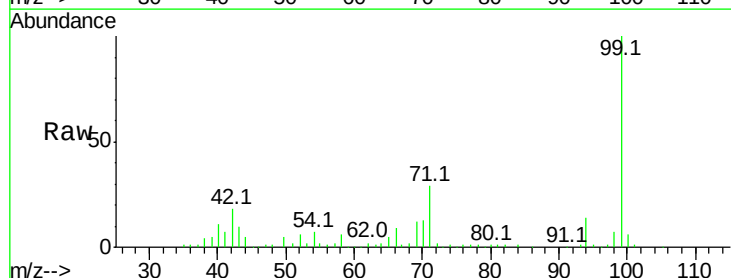
Tgt Ion: 94 Resp: 47104

Ion Ratio Lower Upper

94 100

65 32.5 21.4 61.4

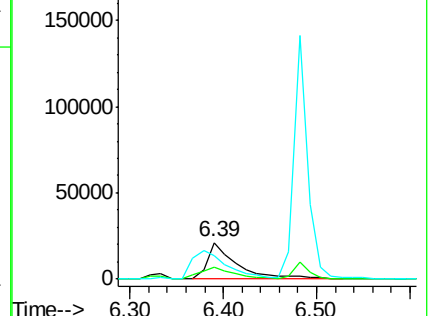
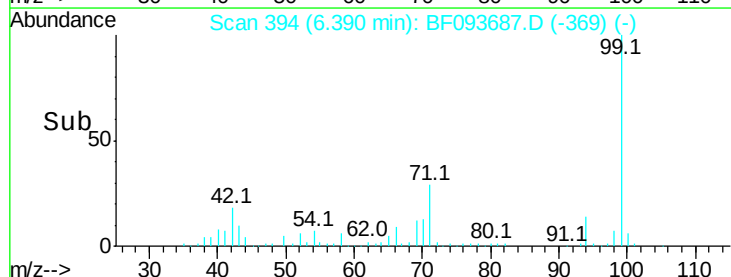
66 64.8 44.0 84.0

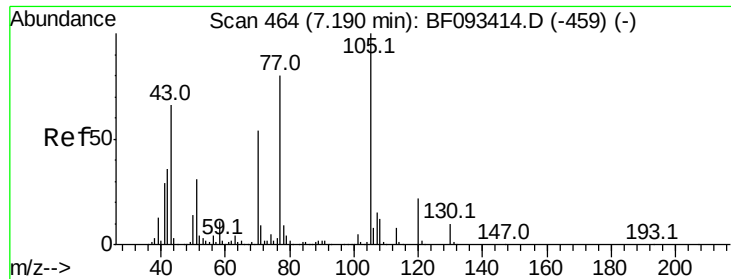


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

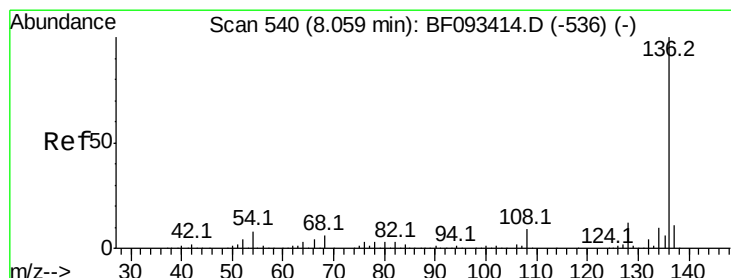
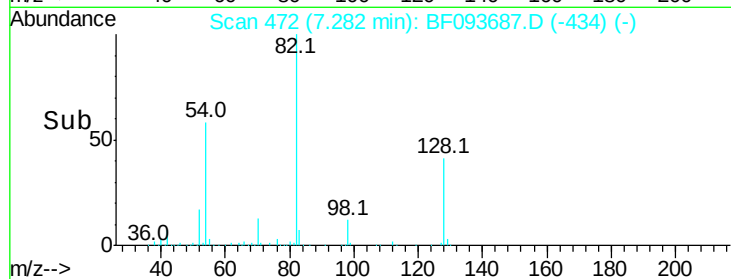
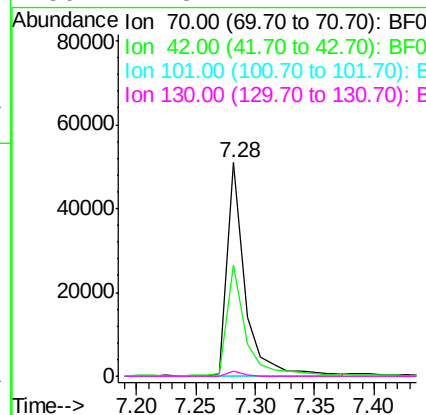
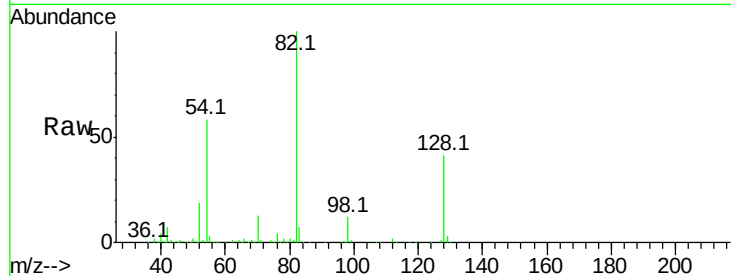




#19
n-Nitroso-di-n-propylamine
Concen: 6.65 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

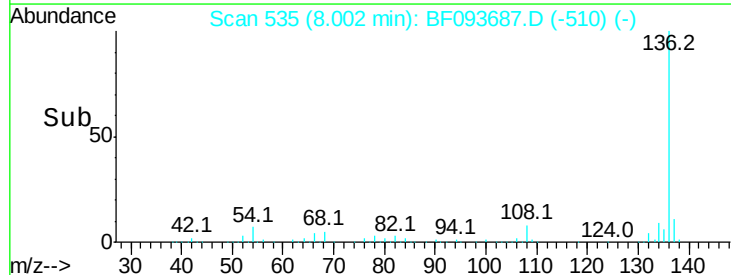
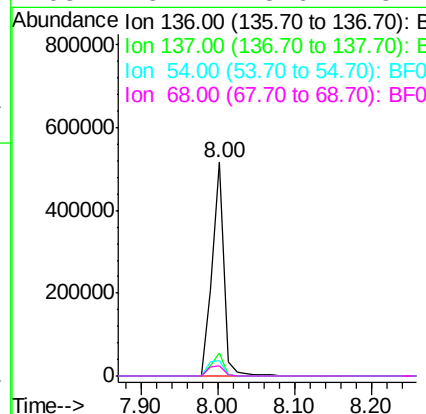
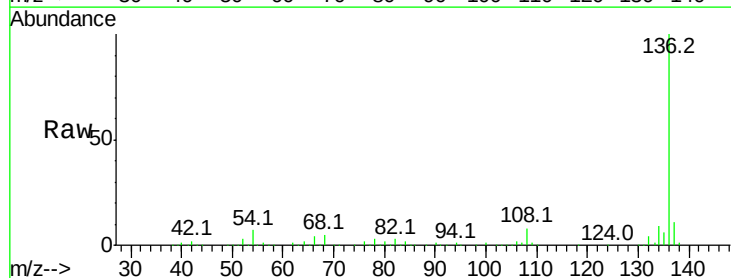
Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

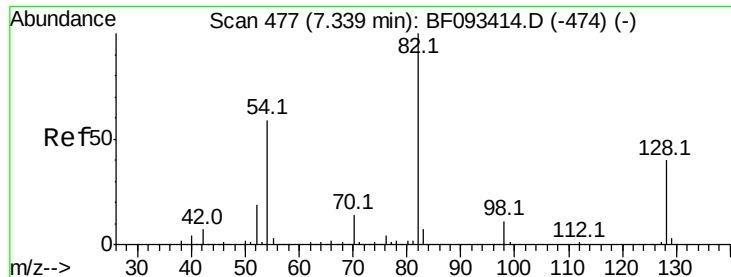
Tot Ion: 70 Resp: 52953
Ion Ratio Lower Upper
70 100
42 51.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion: 136 Resp: 538270
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 7.3 4.5 6.7#
68 5.1 3.6 5.4

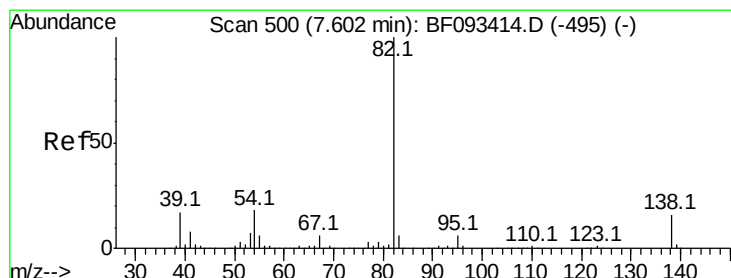
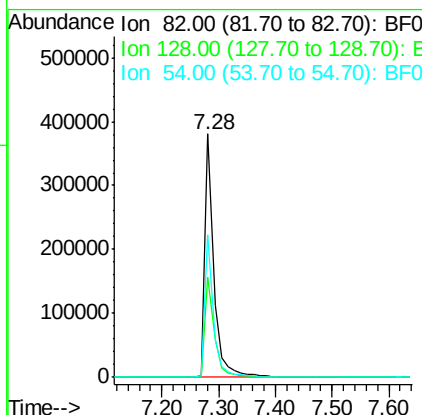
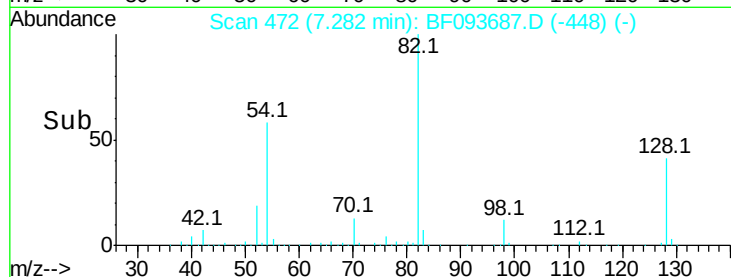
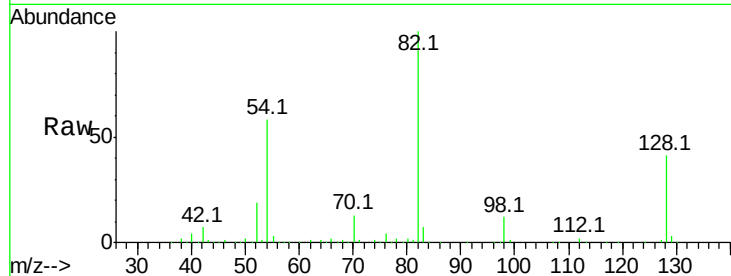




#23
 Nitrobenzene-d5
 Concen: 41.33 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

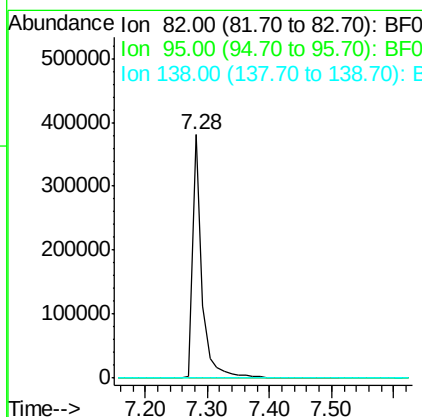
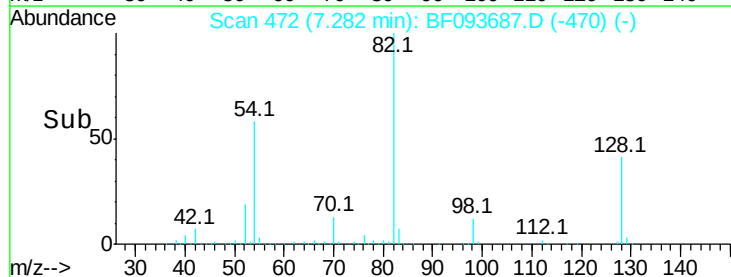
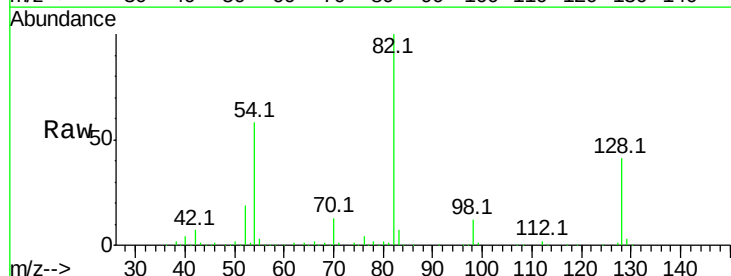
Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

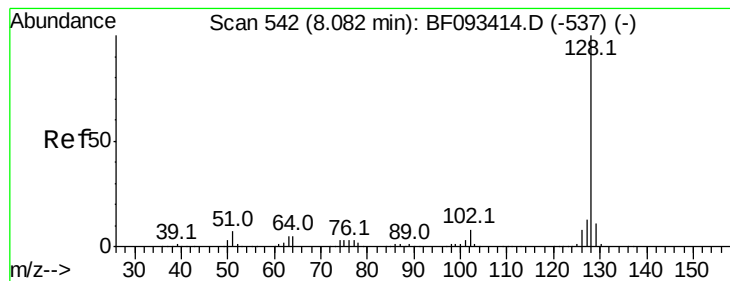
Tot Ion: 82 Resp: 400974
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 58.5 39.5 59.3



#25
 Isophorone
 Concen: 20.04 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Tgt Ion: 82 Resp: 392117
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#31

Naphthalene

Concen: 2.57 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

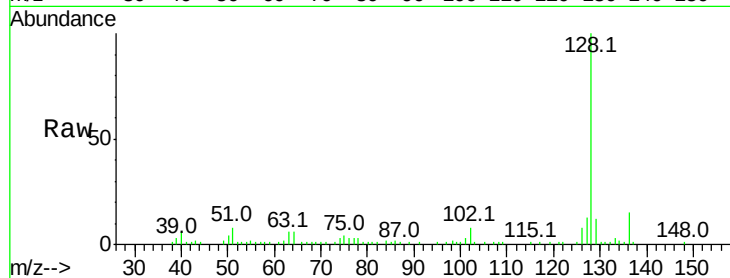
Tot Ion:128 Resp: 69230

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

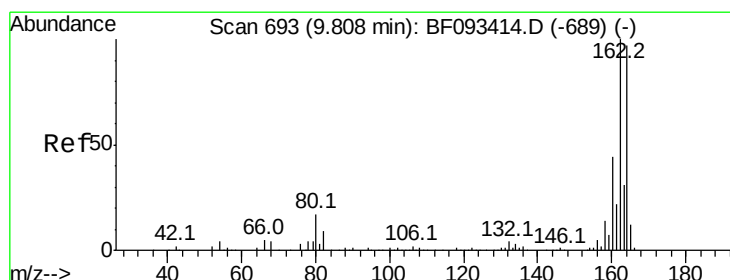
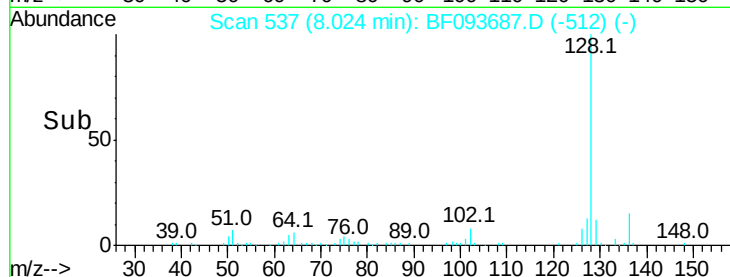
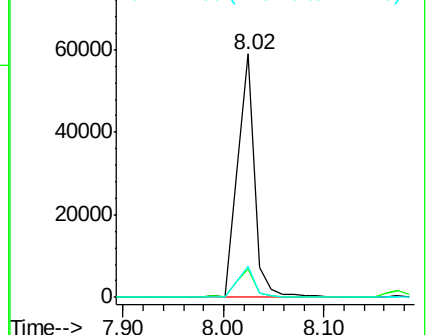
127 12.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

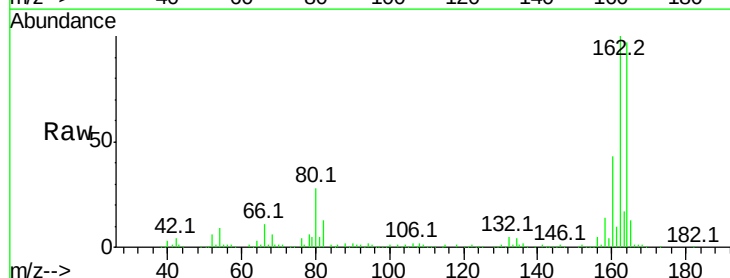
Tgt Ion:164 Resp: 203517

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

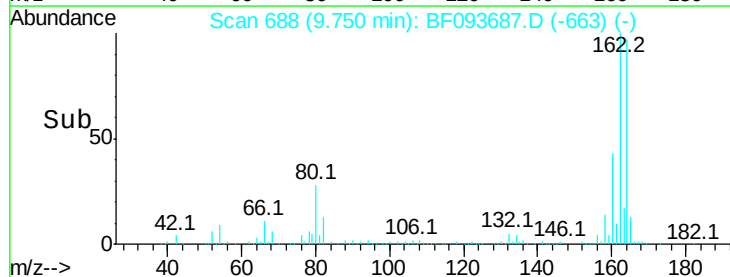
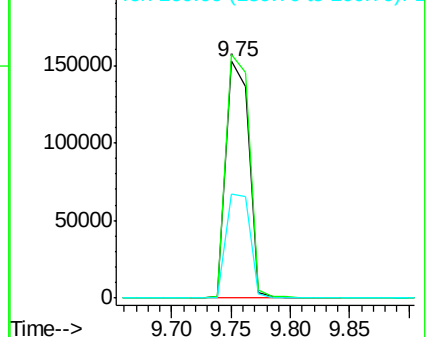
160 43.8 36.9 55.3

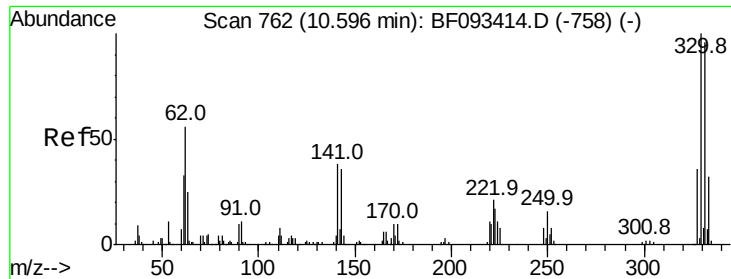


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

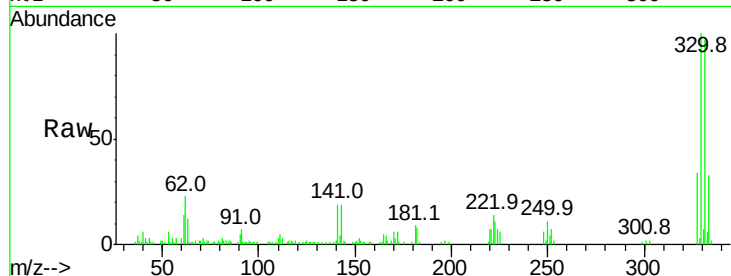




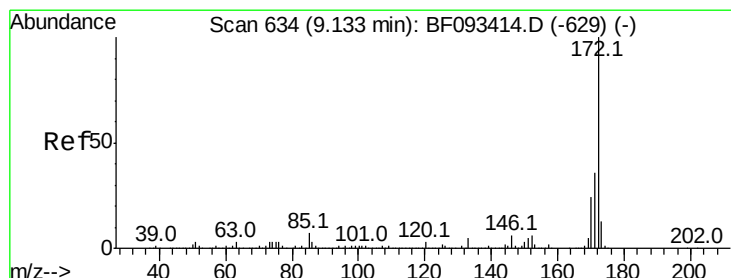
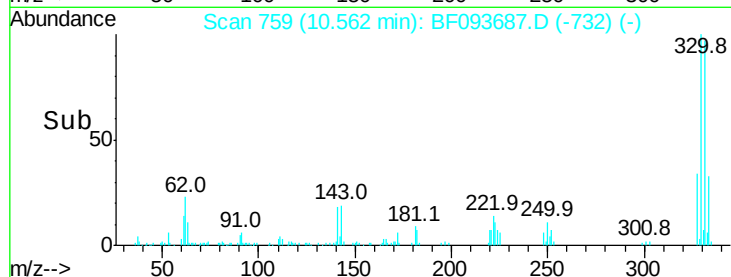
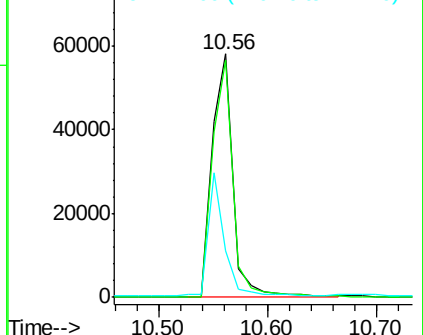
#41
 2,4,6-Tribromophenol
 Concen: 59.17 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

Tot Ion:330 Resp: 78451
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 40.5 34.1 51.1

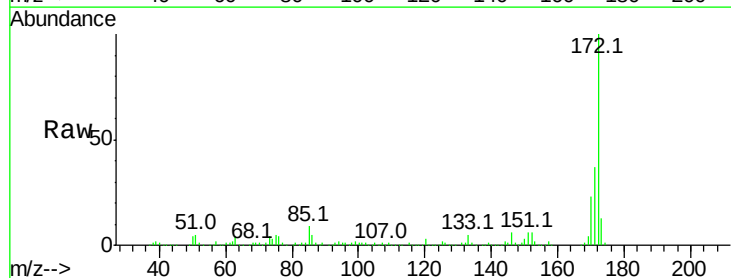


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

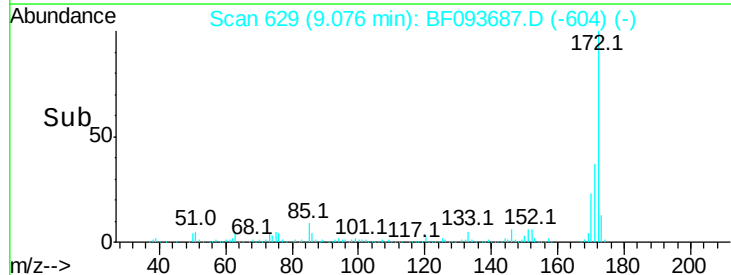
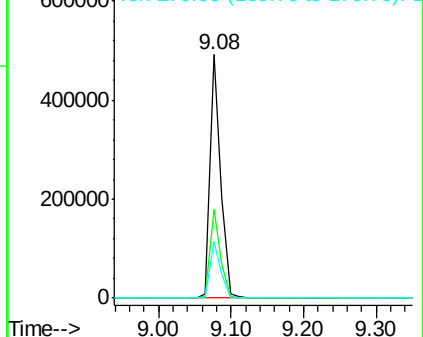


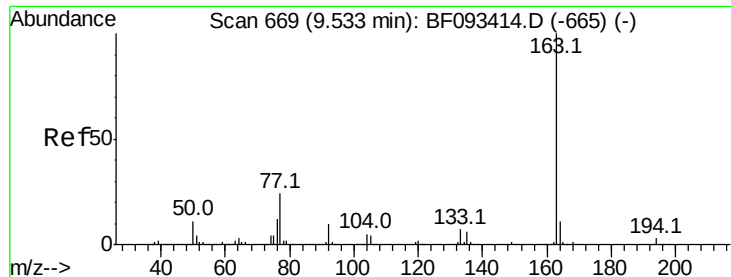
#44
 2-Fluorobiphenyl
 Concen: 45.28 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Tgt Ion:172 Resp: 495407
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.5 20.2 30.4



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

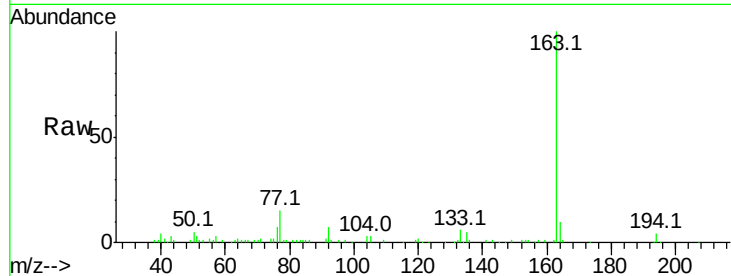




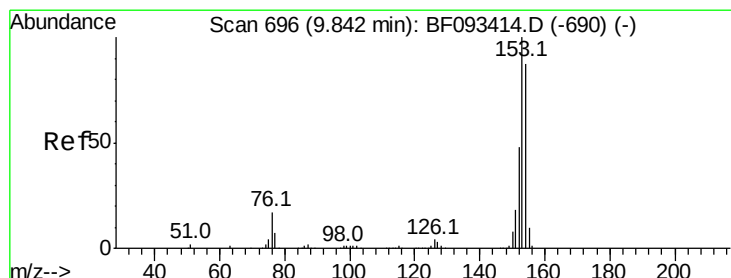
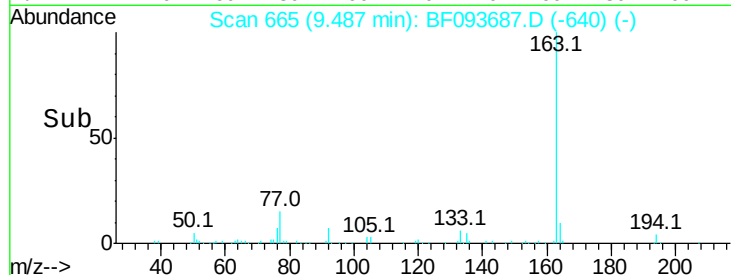
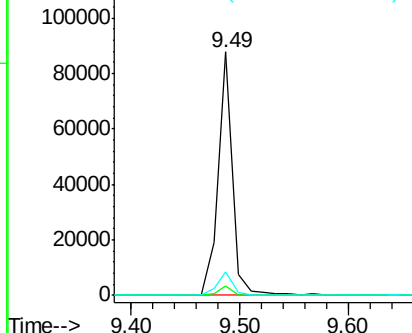
#49
Dimethylphthalate
Concen: 6.04 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

Tot Ion:163 Resp: 81462
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0

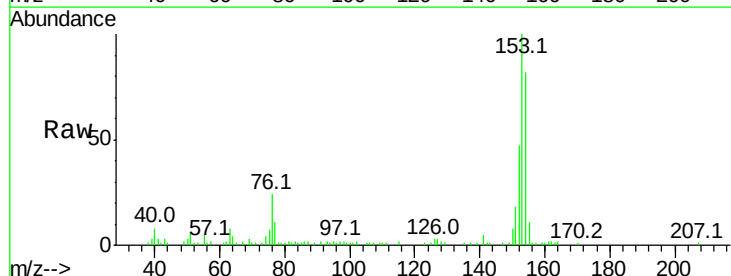


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

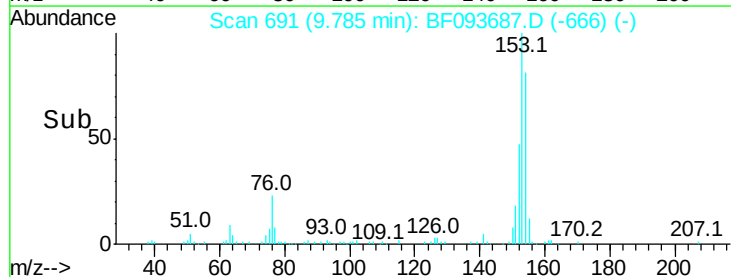
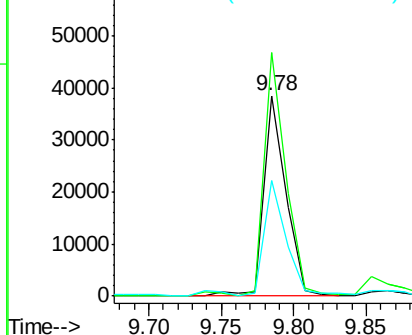


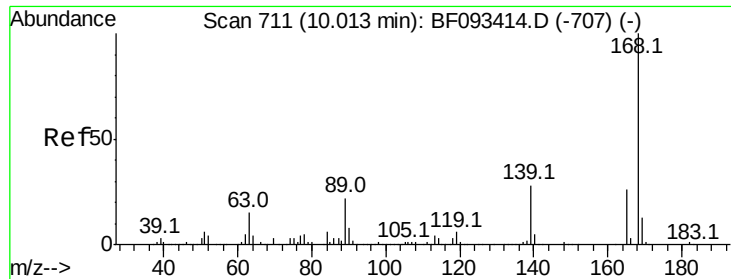
#51
Acenaphthene
Concen: 3.66 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:154 Resp: 40510
Ion Ratio Lower Upper
154 100
153 121.5 88.6 133.0
152 57.4 41.6 62.4



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

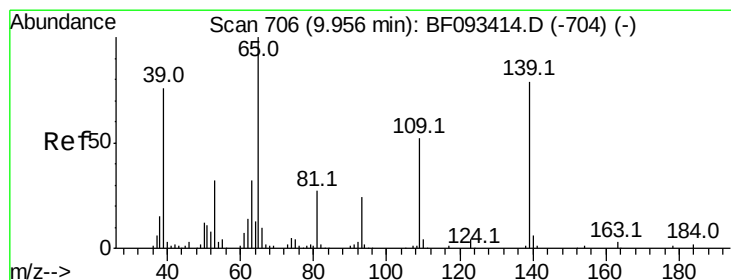
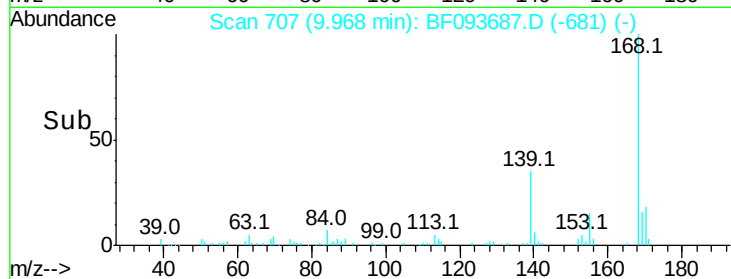
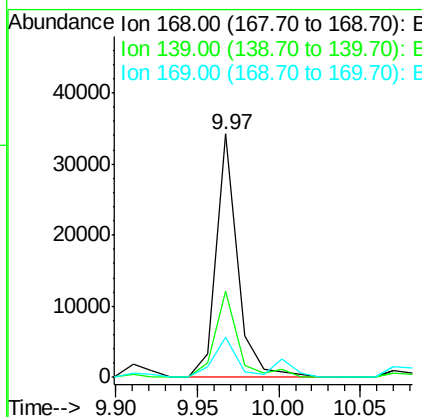
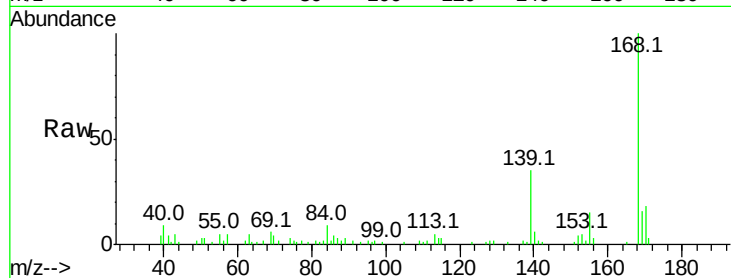




#54
Dibenzofuran
Concen: 2.26 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

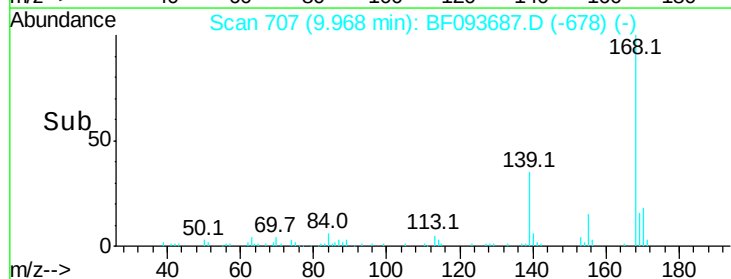
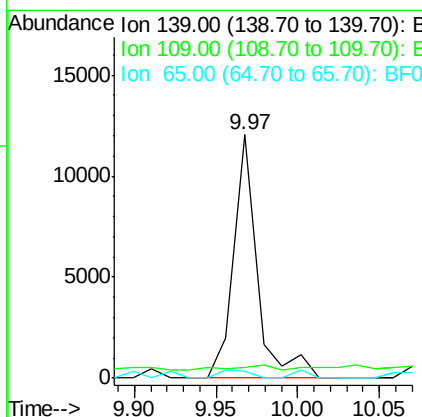
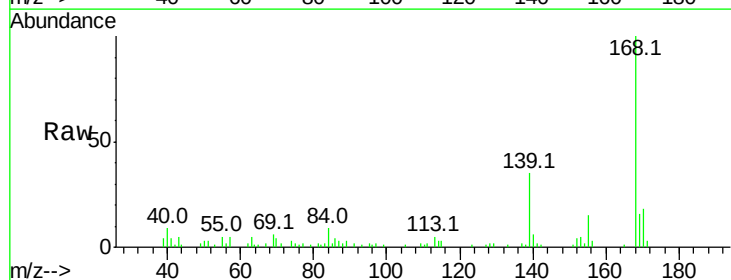
Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

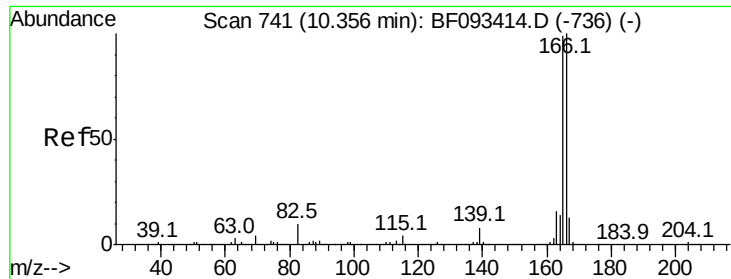
Tot Ion:168 Resp: 31308
Ion Ratio Lower Upper
168 100
139 35.2 32.6 49.0
169 16.4 11.3 16.9



#55
4-Nitrophenol
Concen: 6.95 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:139 Resp: 11999
Ion Ratio Lower Upper
139 100
109 4.6 52.2 92.2#
65 2.6 85.8 125.8#

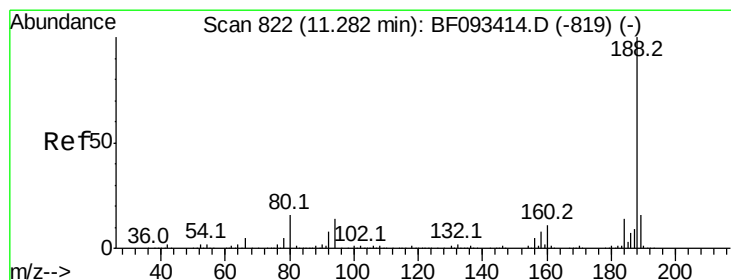
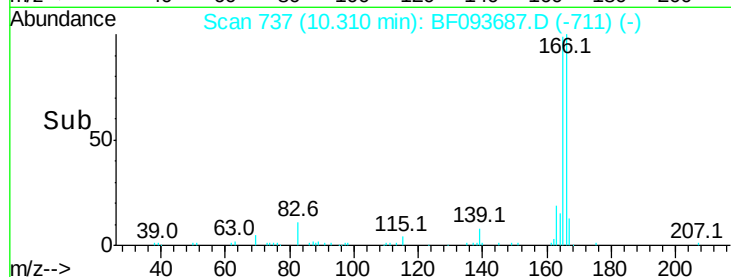
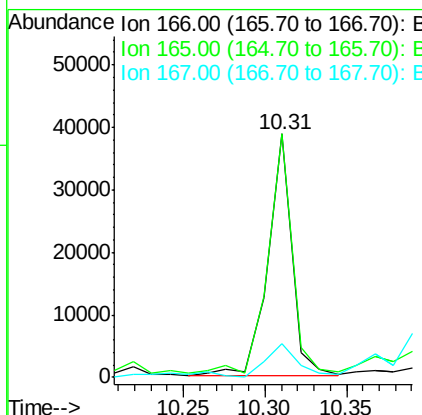
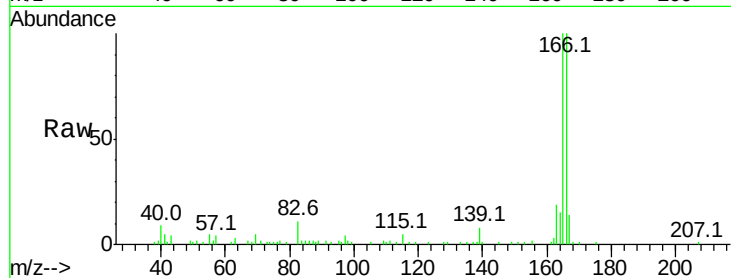




#57
Fluorene
Concen: 3.37 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

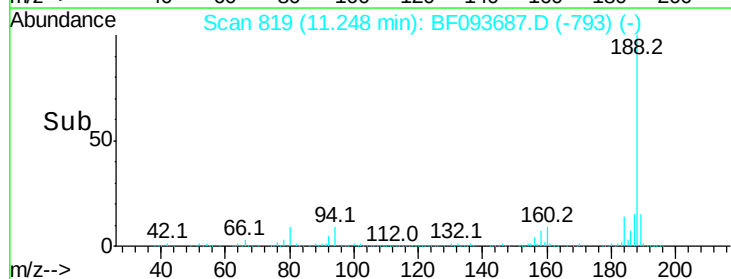
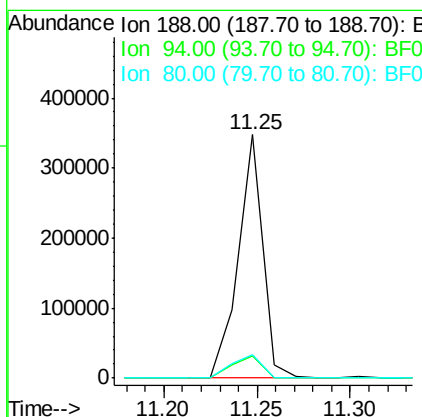
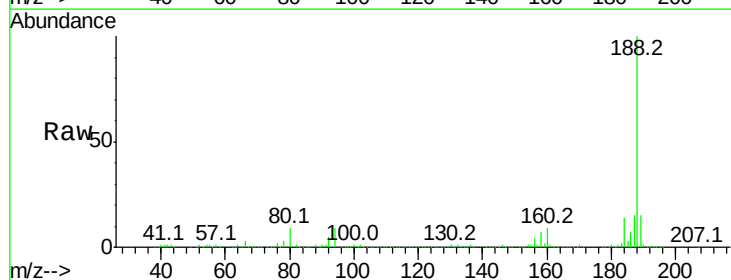
Instrument :
BNA_F
ClientSampleId :
E2-DD9-BASE

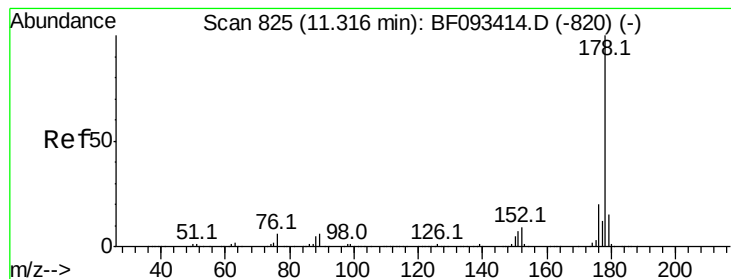
Tot Ion:166 Resp: 39611
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 14.1 10.8 16.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093687.D
Acq: 16 Mar 2017 00:05

Tgt Ion:188 Resp: 320620
Ion Ratio Lower Upper
188 100
94 9.3 10.0 15.0#
80 9.4 11.2 16.8#





#70

Phenanthrene

Concen: 30.23 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

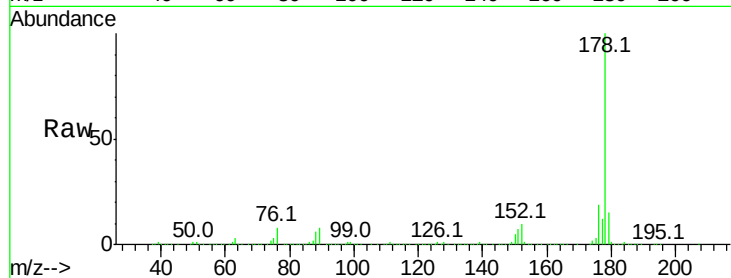
Tot Ion:178 Resp: 553234

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

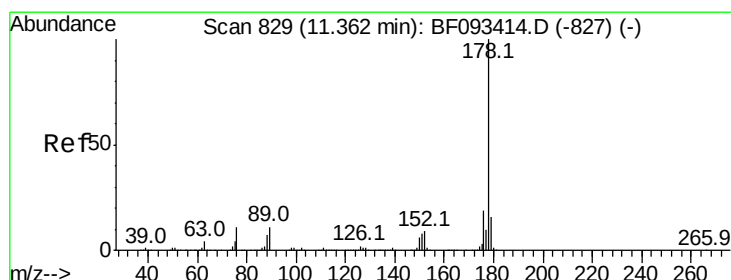
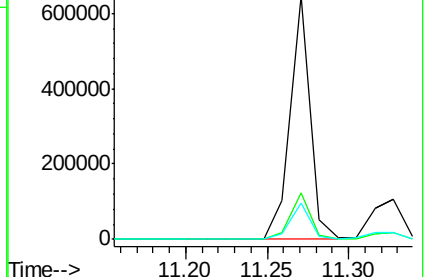
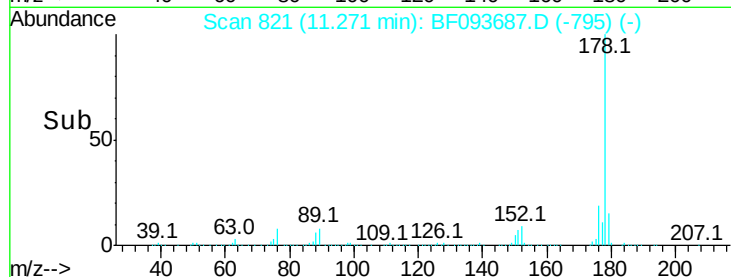
179 15.1 12.8 19.2



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: 7.07 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

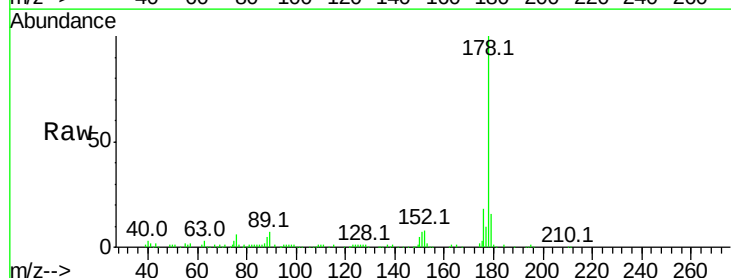
Tgt Ion:178 Resp: 130940

Ion Ratio Lower Upper

178 100

176 18.2 15.9 23.9

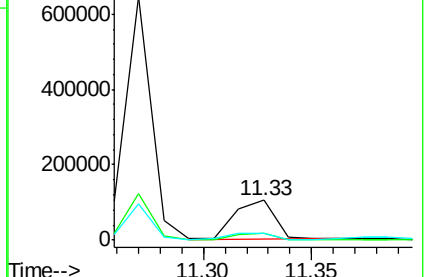
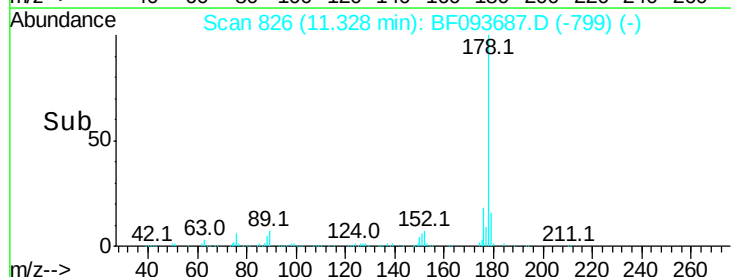
179 16.2 13.2 19.8

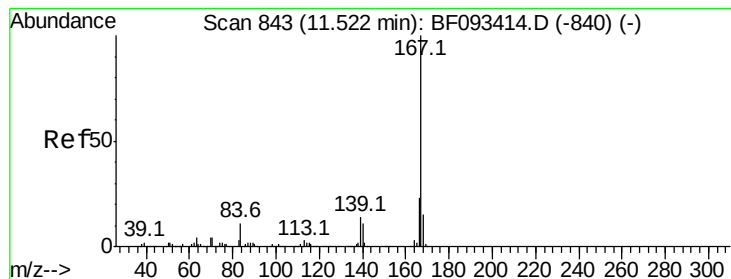


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.35 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

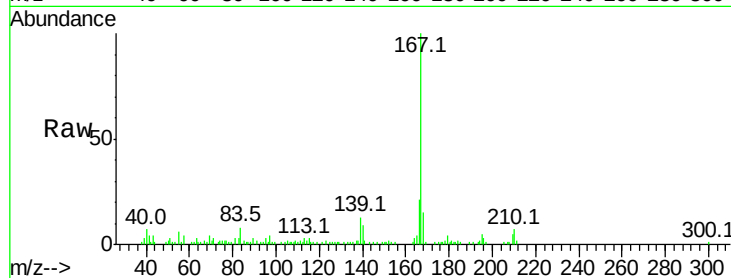
Tot Ion:167 Resp: 58179

Ion Ratio Lower Upper

167 100

166 20.9 18.2 27.2

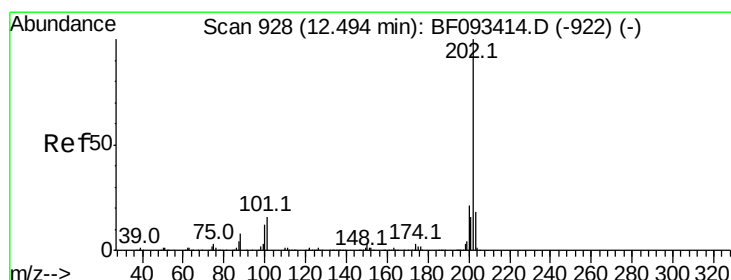
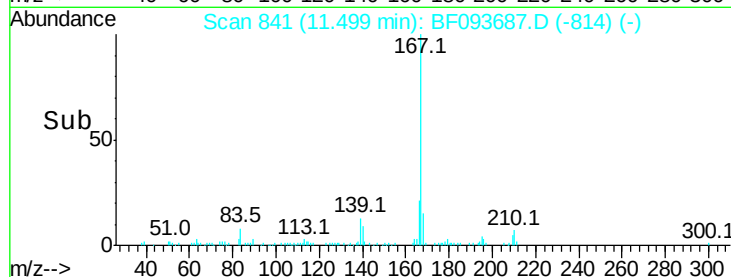
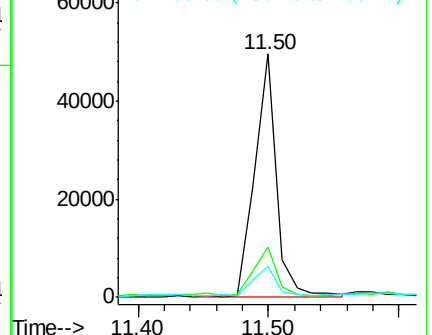
139 12.9 11.4 17.2



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: 43.77 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

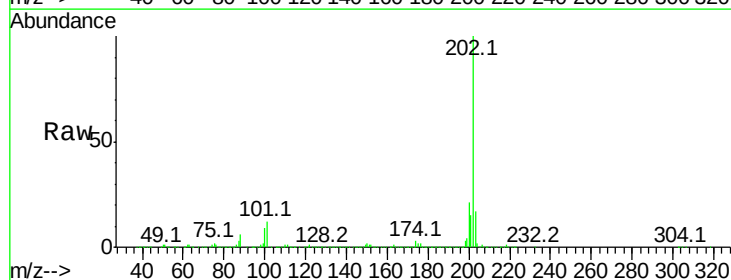
Tgt Ion:202 Resp: 773686

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

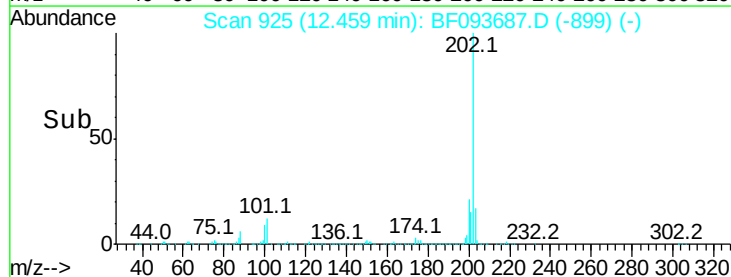
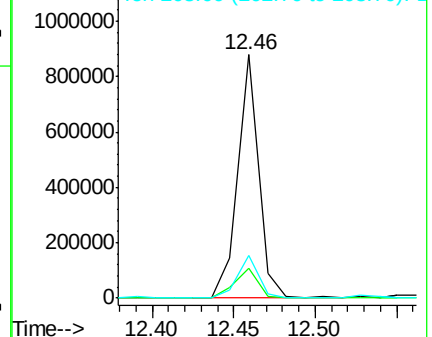
203 17.3 0.0 38.7

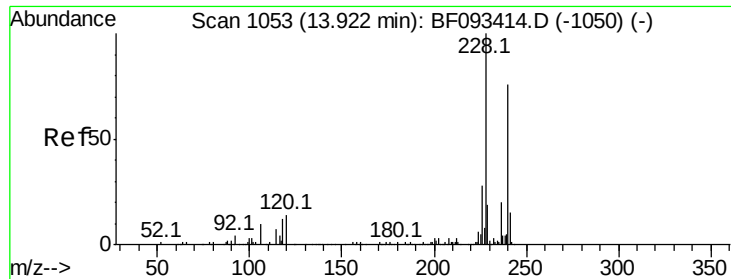


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

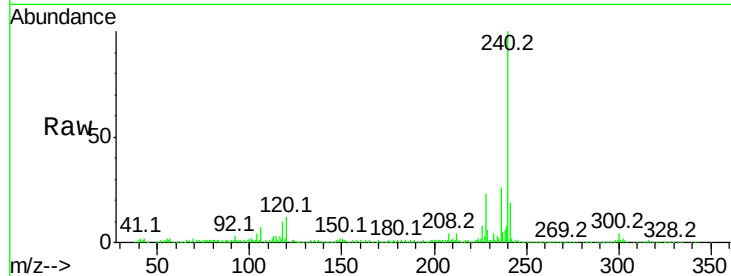
Tot Ion:240 Resp: 345367

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

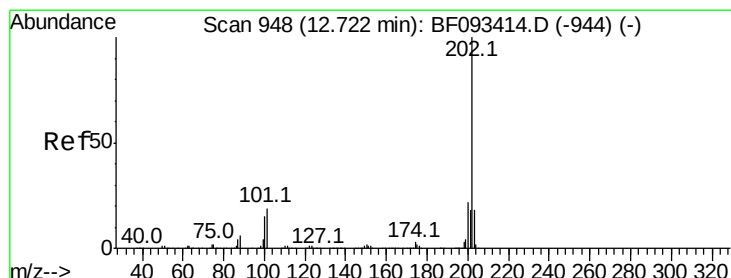
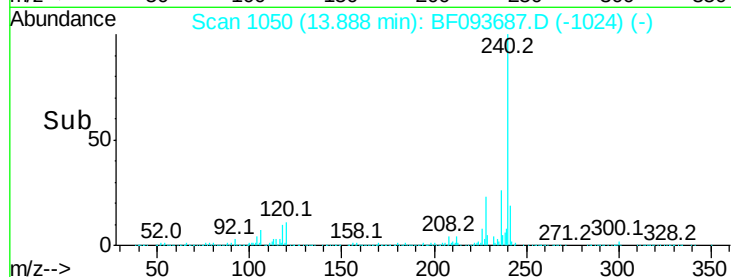
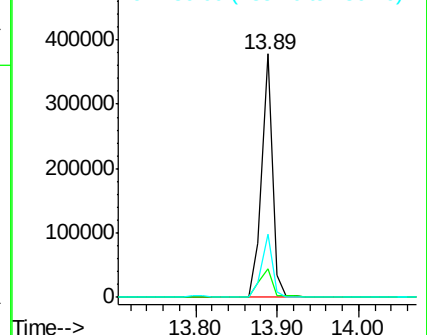
236 25.9 20.9 31.3



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: 31.66 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

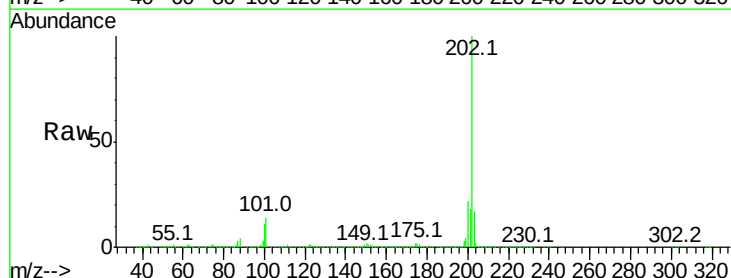
Tgt Ion:202 Resp: 795331

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

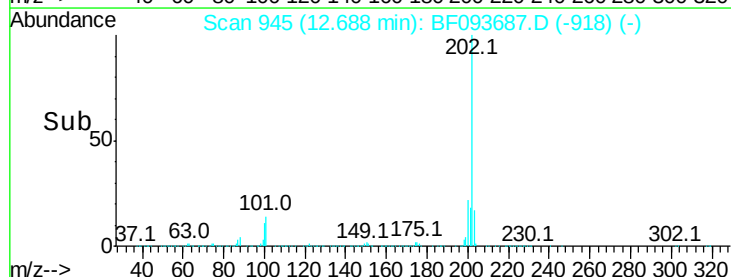
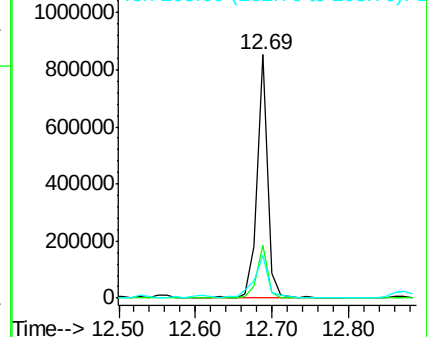
203 17.4 14.7 22.1

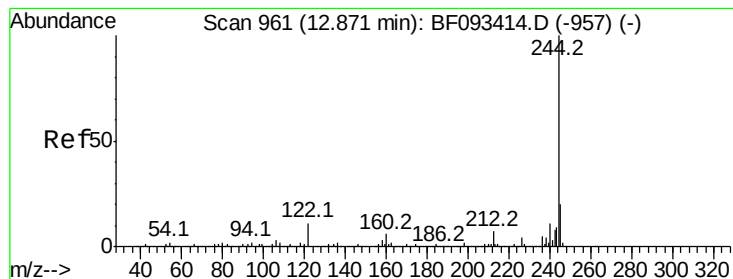


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 26.41 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

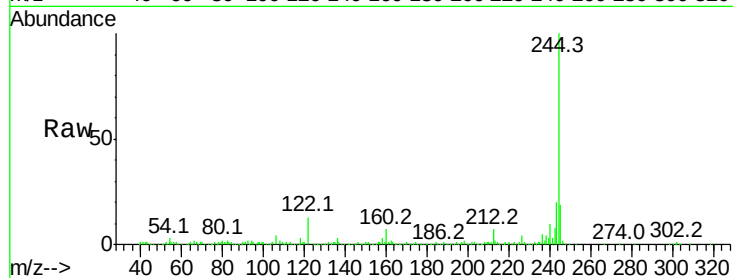
Tot Ion:244 Resp: 350844

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

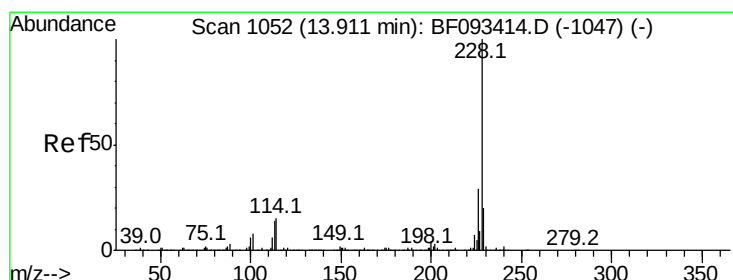
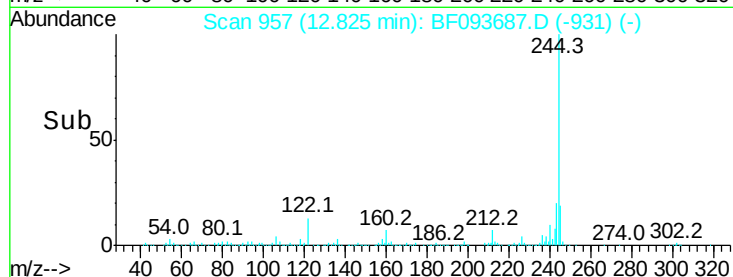
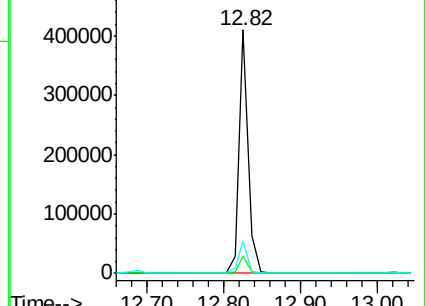
122 13.3 11.4 17.2



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: 24.05 ng

RT: 13.88 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

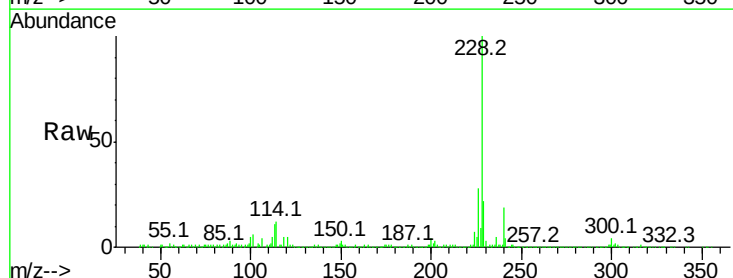
Tgt Ion:228 Resp: 490504

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

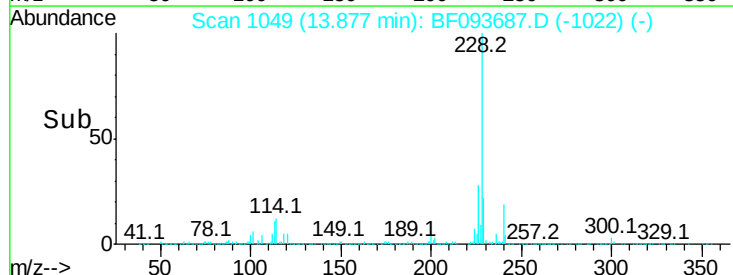
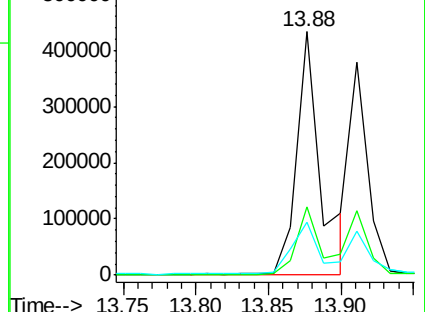
229 21.8 16.2 24.4

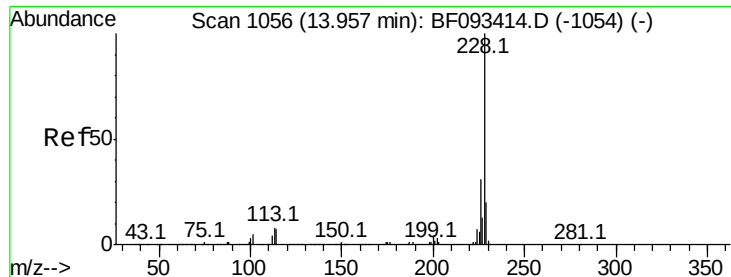


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 17.54 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

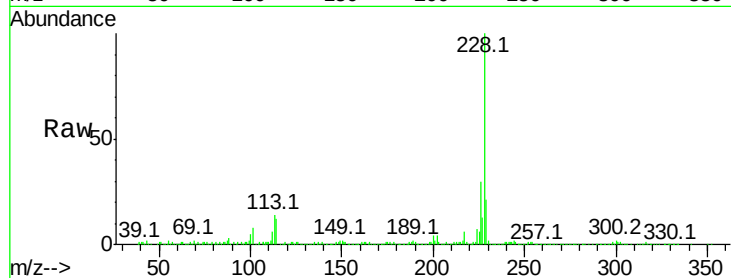
Tot Ion:228 Resp: 331041

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.0

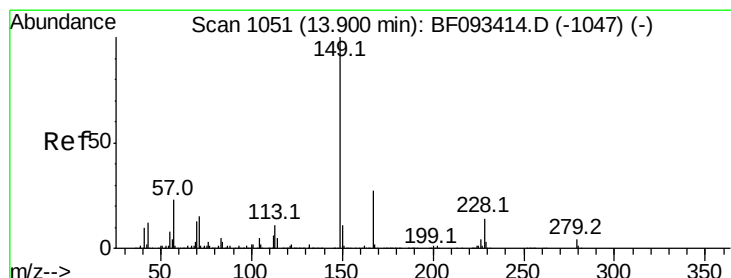
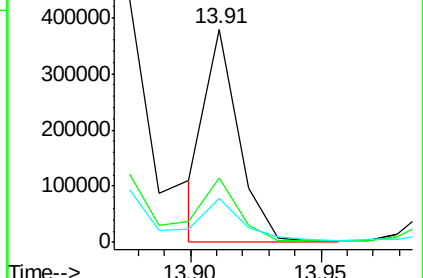
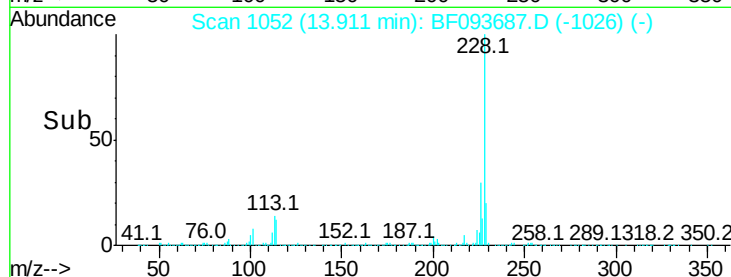
229 20.9 16.2 24.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.34 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

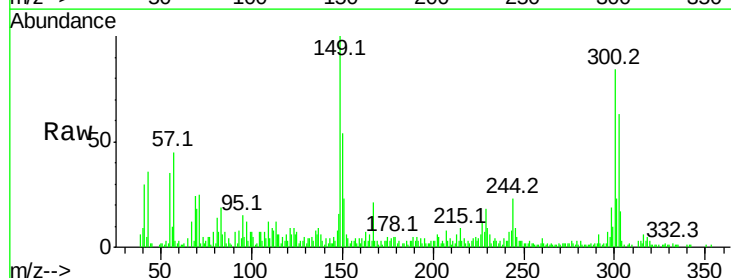
Tgt Ion:149 Resp: 93366

Ion Ratio Lower Upper

149 100

167 21.4 20.2 30.4

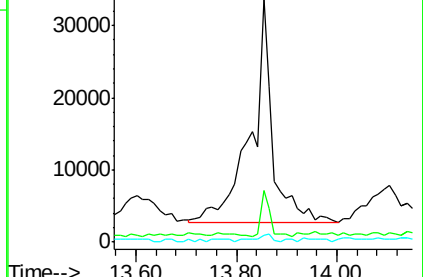
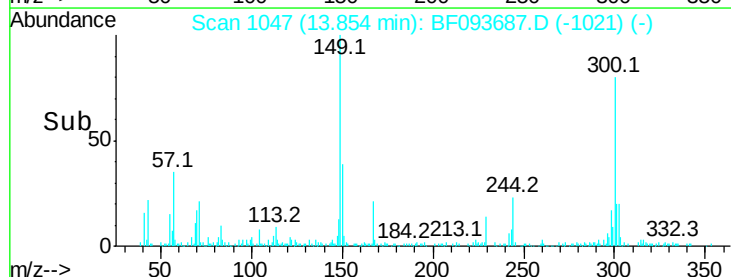
279 2.6 1.8 2.8

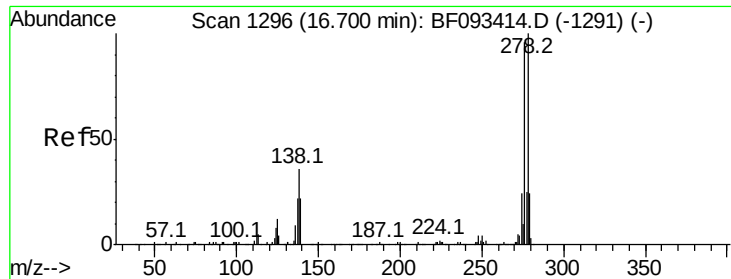


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

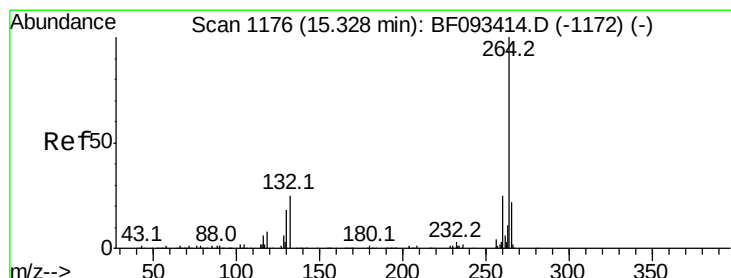
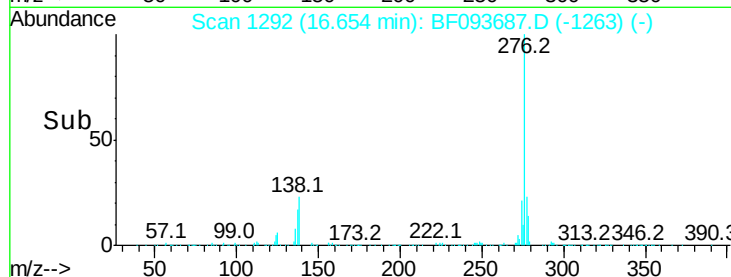
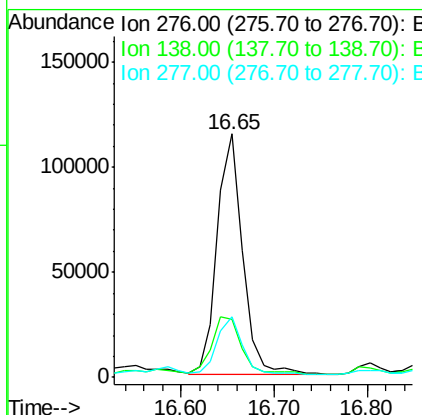
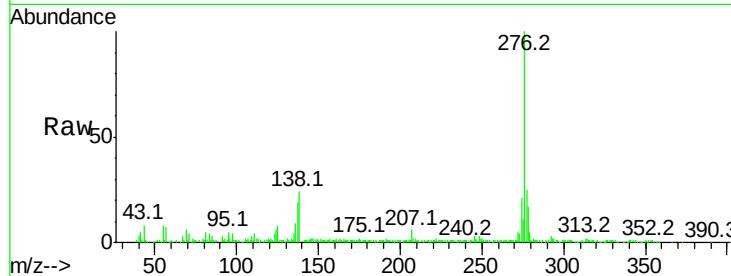




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.83 ng
 RT: 16.65 min Scan# 1292
 Delta R.T. 0.03 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

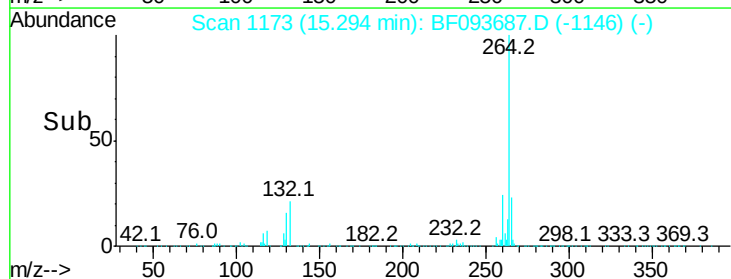
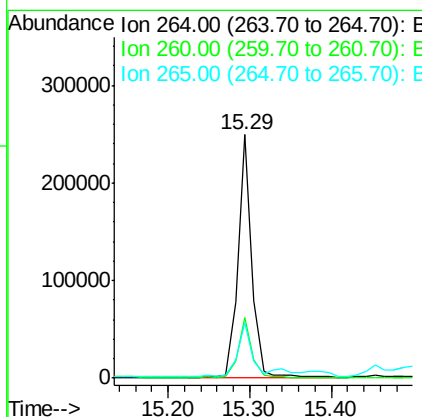
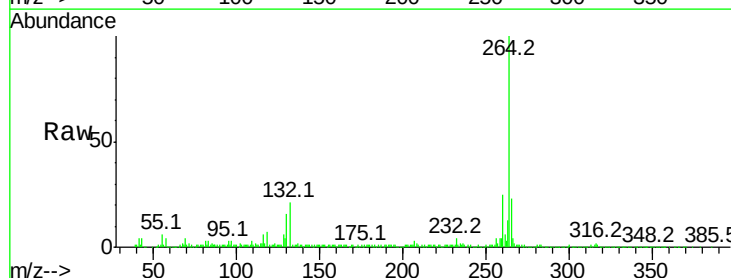
Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

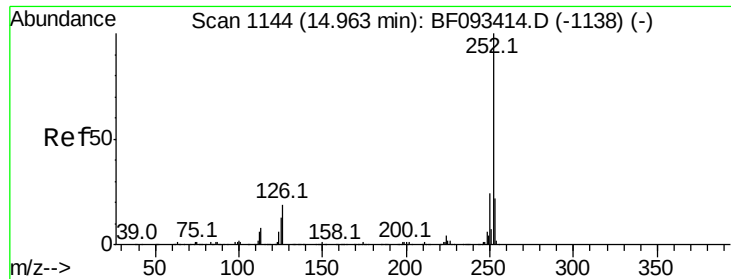
Tot Ion:276 Resp: 218402
 Ion Ratio Lower Upper
 276 100
 138 28.1 21.8 32.6
 277 24.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Tgt Ion:264 Resp: 291507
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 23.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 38.81 ng

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

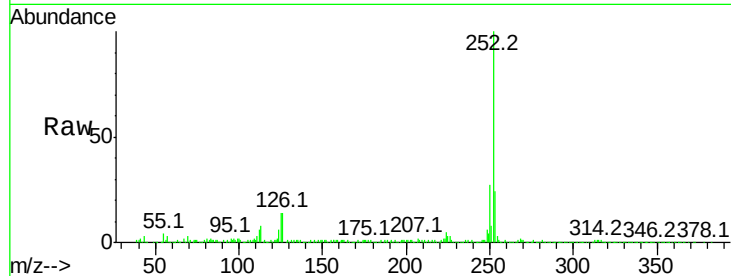
Tot Ion:252 Resp: 689060

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.4

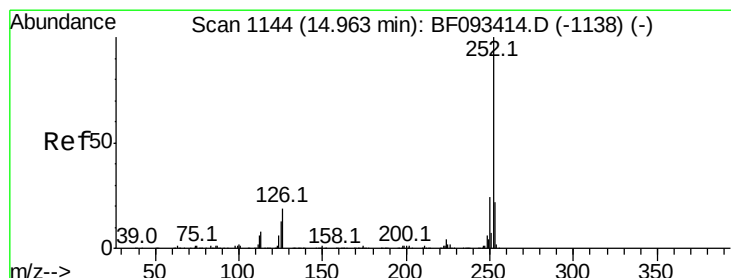
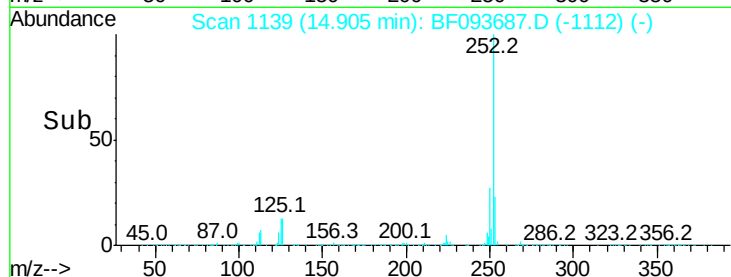
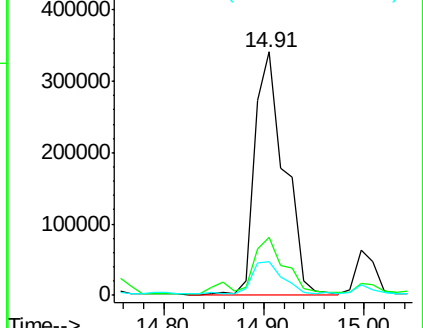
125 13.9 9.8 14.6



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: 40.25 ng

RT: 14.91 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

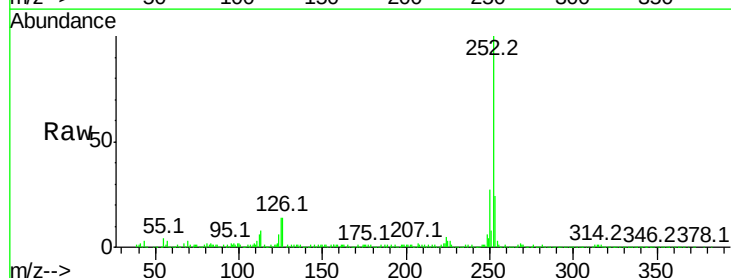
Tgt Ion:252 Resp: 689060

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

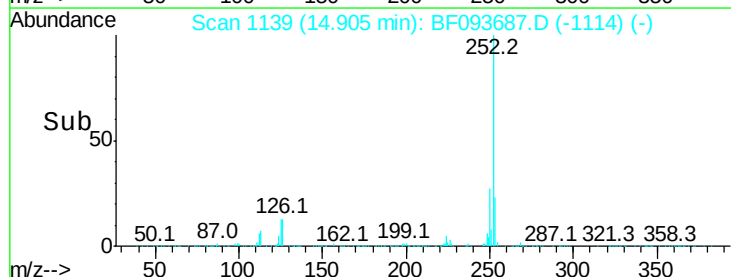
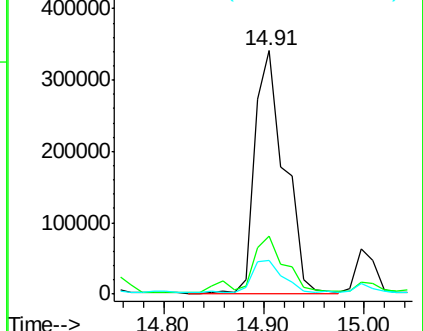
125 13.9 8.9 13.3#

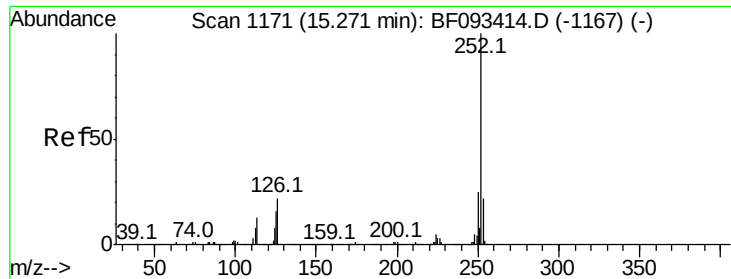


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 23.64 ng

RT: 15.24 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

Instrument :

BNA_F

ClientSampleId :

E2-DD9-BASE

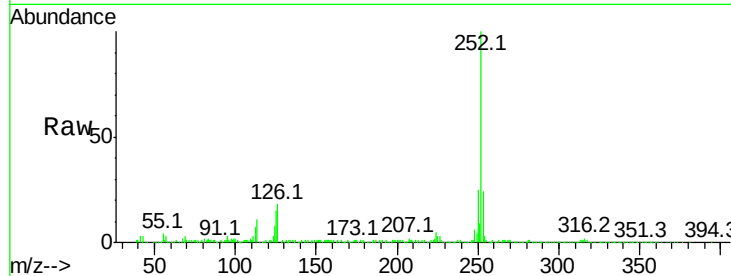
Tot Ion:252 Resp: 383559

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.2

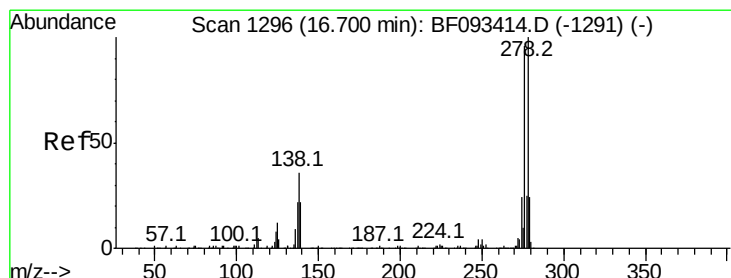
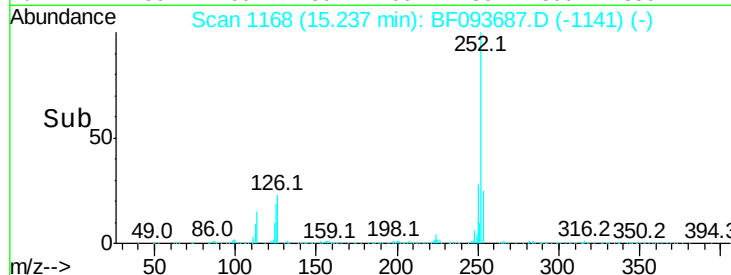
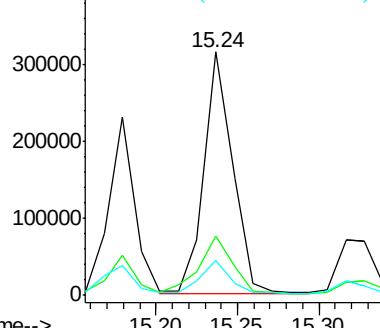
125 14.6 10.0 15.0



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: 3.43 ng

RT: 16.64 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF093687.D

Acq: 16 Mar 2017 00:05

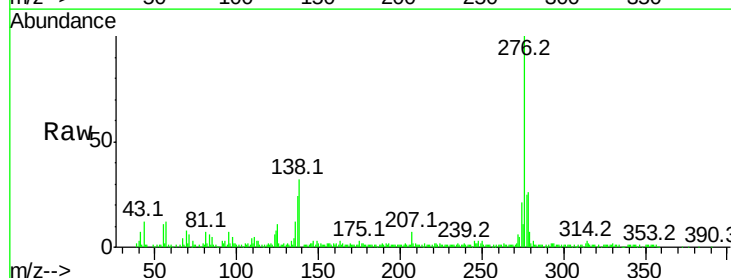
Tgt Ion:278 Resp: 46082

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

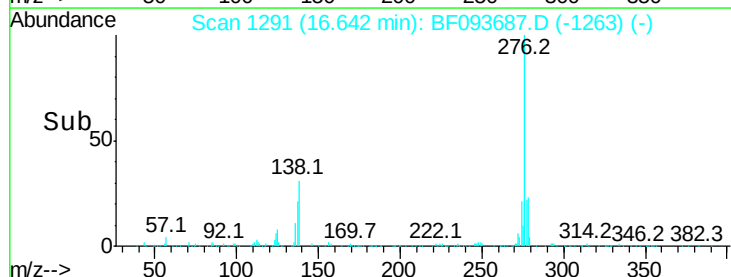
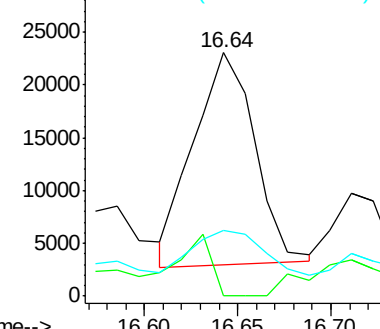
279 27.2 19.8 29.6

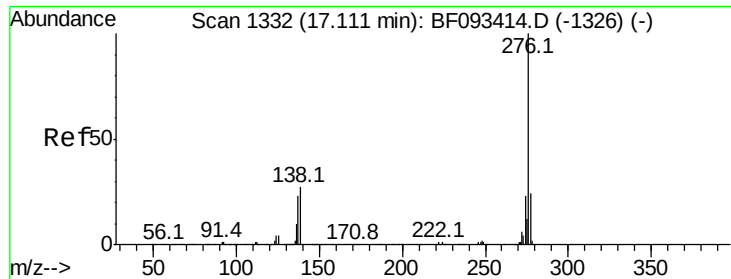


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 14.94 ng
 RT: 17.05 min Scan# 1327
 Delta R.T. 0.03 min
 Lab File: BF093687.D
 Acq: 16 Mar 2017 00:05

Instrument :
 BNA_F
 ClientSampleId :
 E2-DD9-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	32.2	16.0	24.0

