

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103087.D
 Acq On : 19 Feb 2018 17:24
 Operator : SJ/JU
 Sample : J1601-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Time: Feb 20 00:32:05 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171157	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	694147	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	298303	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	455174	20.00	ng	0.00
75) Chrysene-d12	14.05	240	299873	20.00	ng	-0.01
86) Perylene-d12	15.54	264	324137	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	589581	52.31	ng	0.01
7) Phenol-d6	6.52	99	529618	39.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	890870	89.03	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	301127	125.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1512355	84.13	ng	0.00
78) Terphenyl-d14	12.99	244	1108541	87.53	ng	0.00

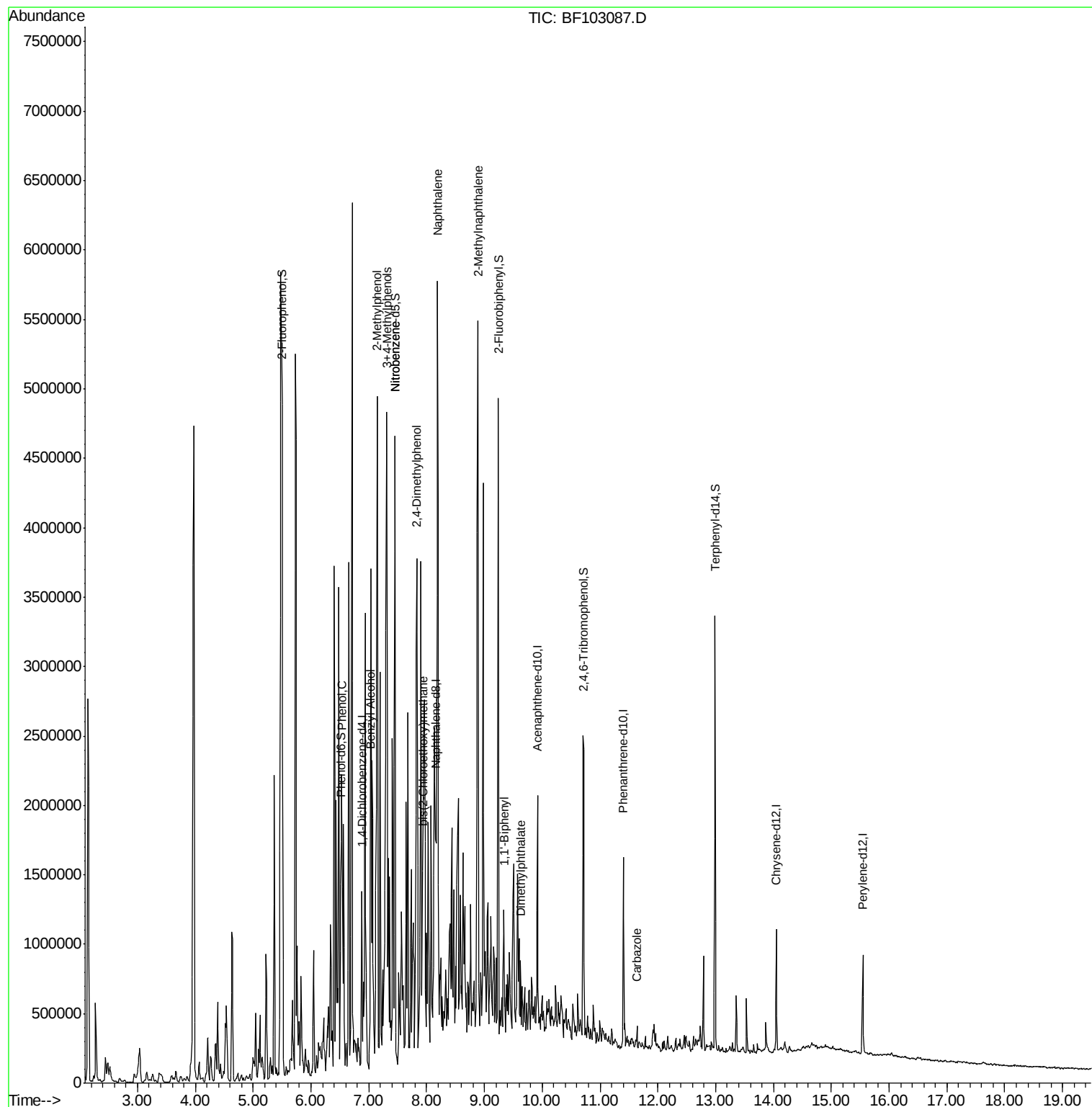
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	741320	50.975	ng	97
15) Benzyl Alcohol	7.02	79	101511	9.730	ng	94
17) 2-Methylphenol	7.15	107	1169896	109.310	ng	97
20) 3+4-Methylphenols	7.31	107	2235800	169.402	ng	90
24) Nitrobenzene	7.45	77	44082	3.678	ng	# 55
27) 2,4-Dimethylphenol	7.84	122	710194	72.957	ng	# 92
28) bis(2-Chloroethoxy)methane	7.93	93	58853	4.312	ng	# 69
31) Naphthalene	8.19	128	2699259	79.590	ng	98
37) 2-Methylnaphthalene	8.89	142	1849384	83.289	ng	98
45) 1,1'-Biphenyl	9.33	154	116393	4.633	ng	96
49) Dimethylphthalate	9.63	163	78123	3.359	ng	97
72) Carbazole	11.64	167	52048	2.061	ng	99

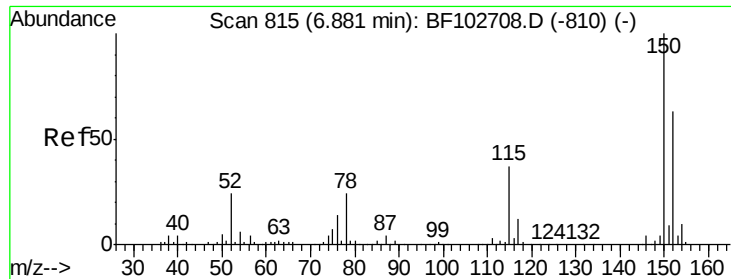
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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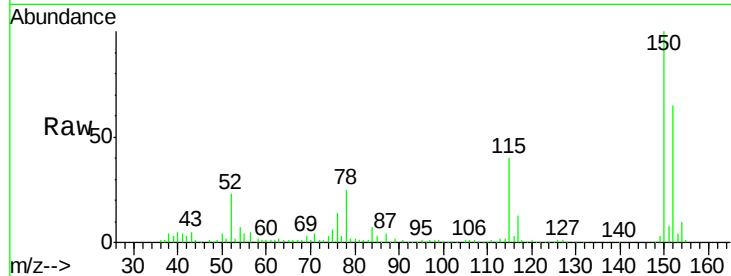


#1

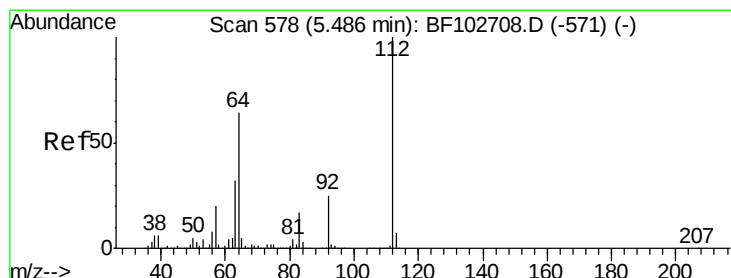
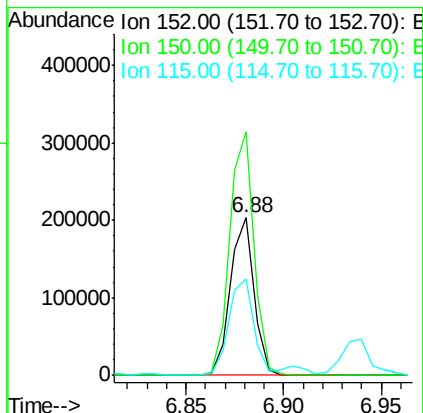
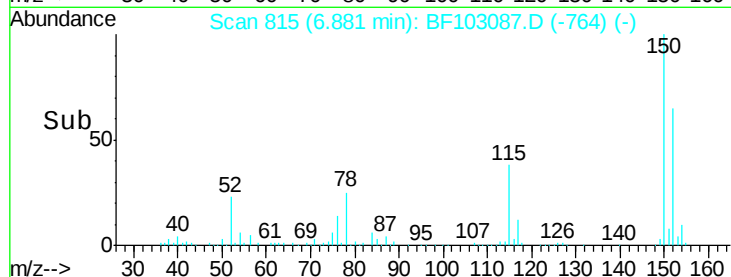
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:152 Resp: 171157
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 61.2 50.1 75.1



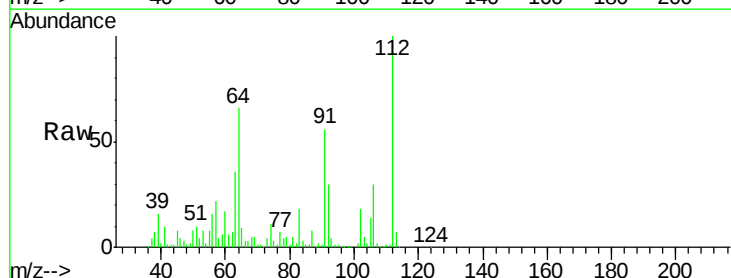
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



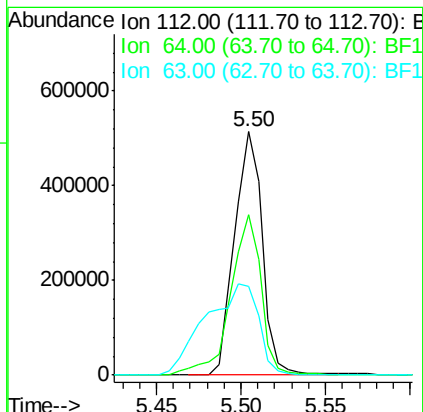
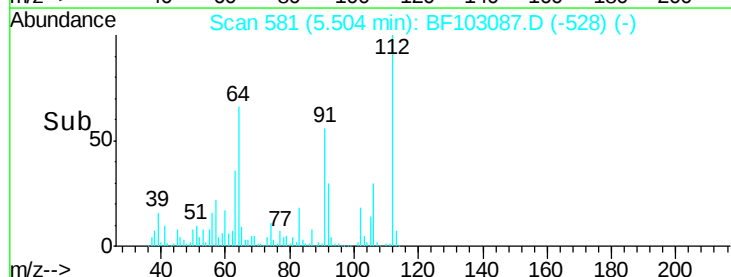
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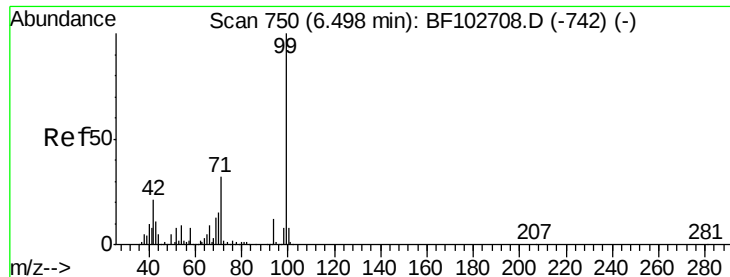
2-Fluorophenol
Concen: 52.313 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Tgt Ion:112 Resp: 589581
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 36.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 39.028 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

Instrument :

BNA_F

ClientSampled :

DRUM-1

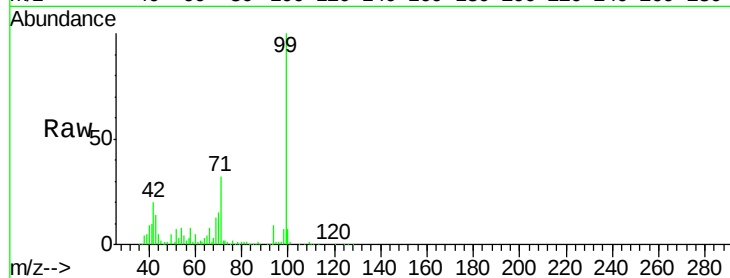
Tgt Ion: 99 Resp: 529618

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

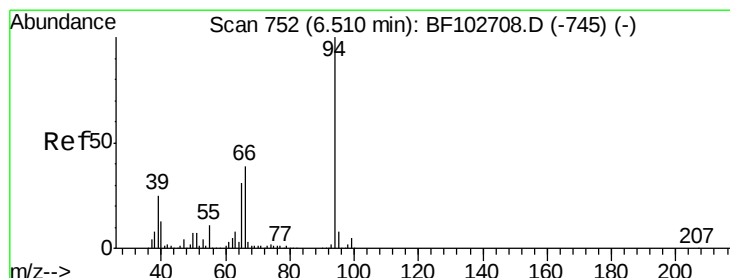
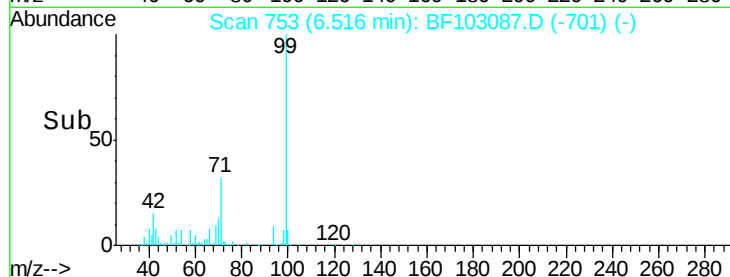
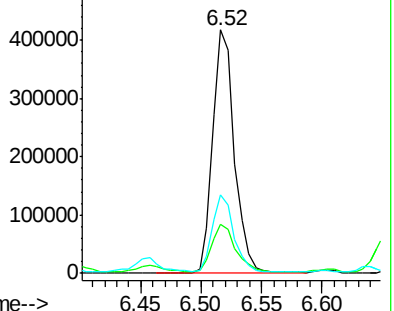
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 50.975 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

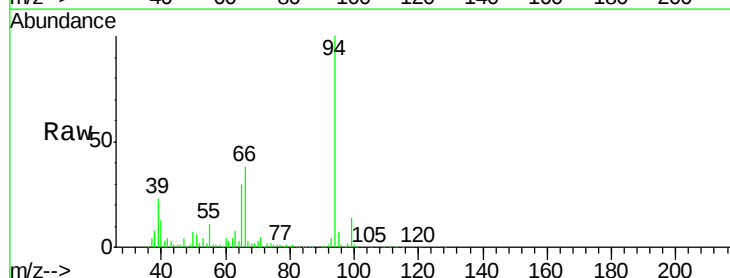
Tgt Ion: 94 Resp: 741320

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

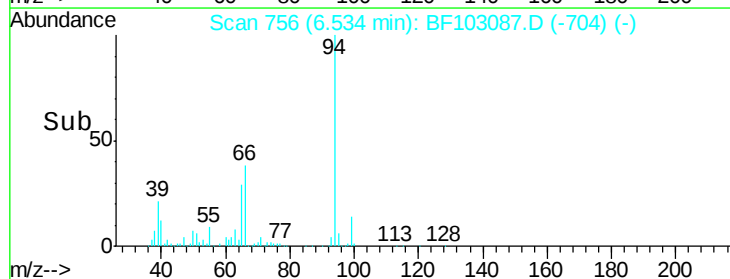
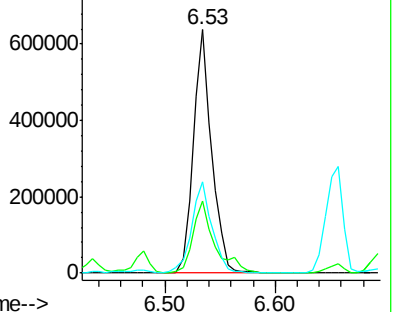
66 37.7 16.2 56.2

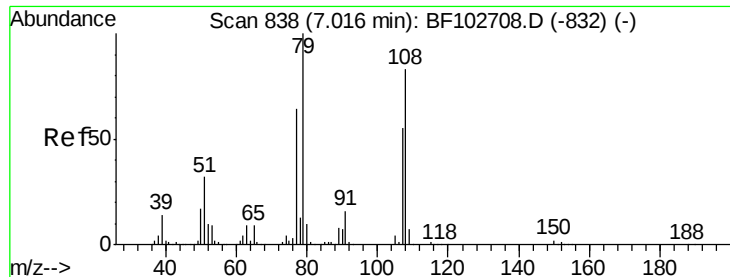


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

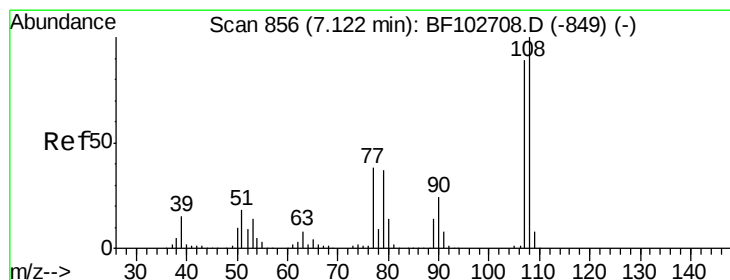
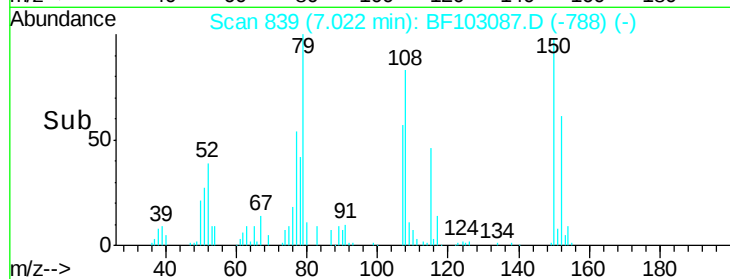
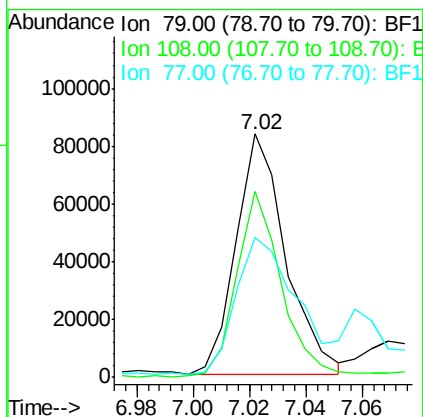
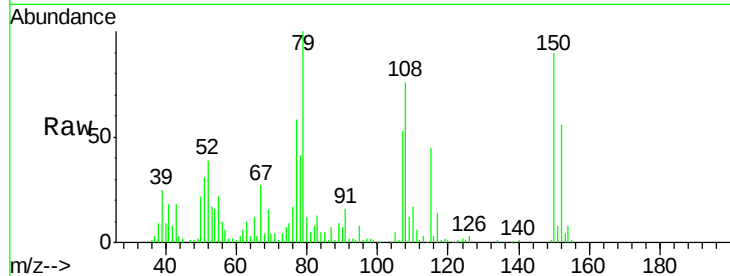




#15
Benzyl Alcohol
Concen: 9.730 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

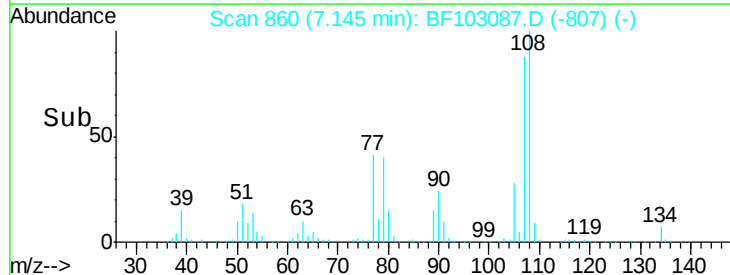
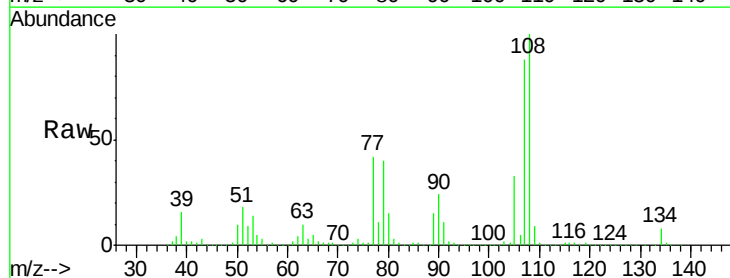
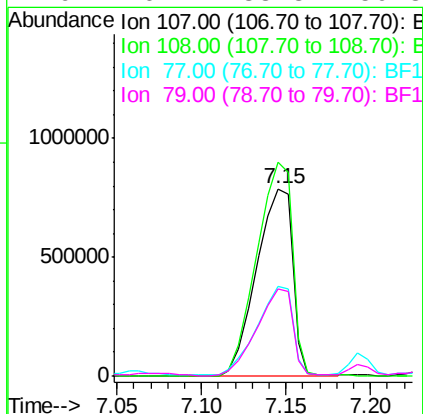
Instrument :
BNA_F
ClientSampleId :
DRUM-1

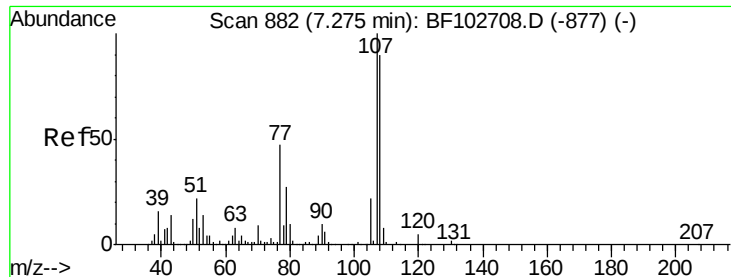
Tgt Ion: 79 Resp: 101511
Ion Ratio Lower Upper
79 100
108 76.3 65.1 97.7
77 57.7 50.6 75.8



#17
2-Methylphenol
Concen: 109.310 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Tgt Ion: 107 Resp: 1169896
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 48.1 33.8 50.8
79 46.2 33.8 50.8

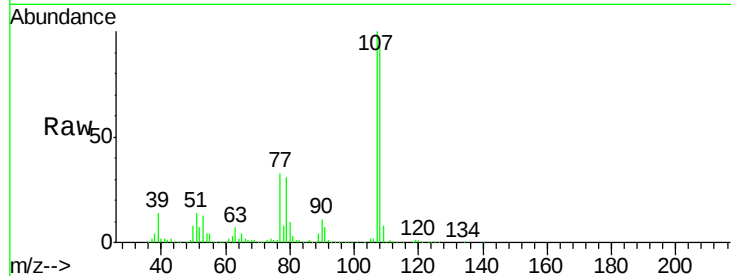




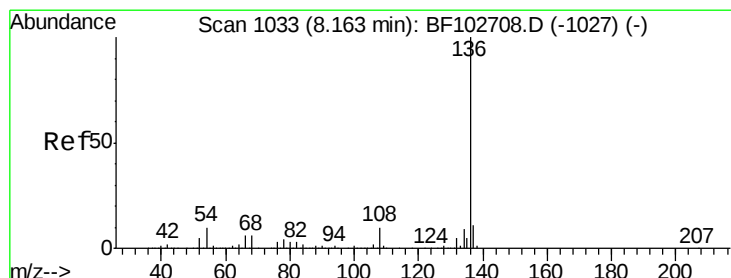
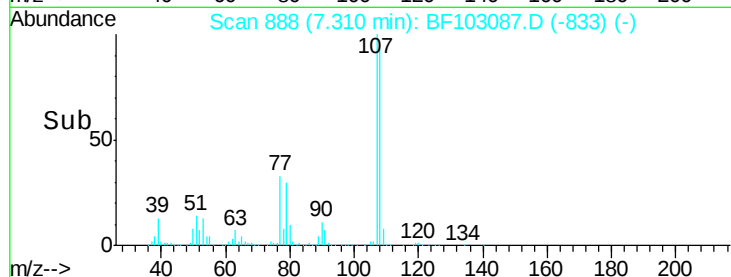
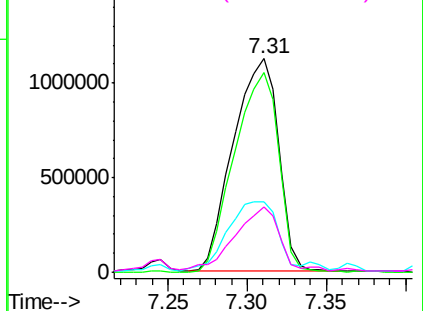
#20
3+4-Methylphenols
Concen: 169.402 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:107 Resp: 2235800
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 32.8 26.7 66.7
79 30.6 6.3 46.3

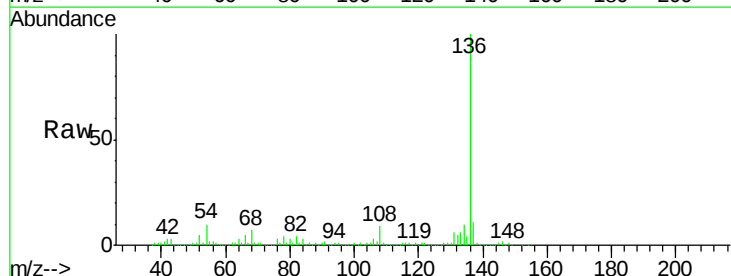


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

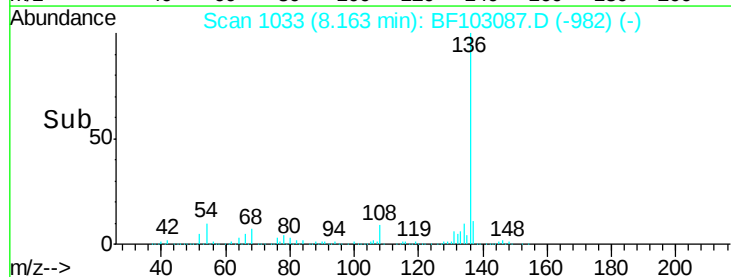
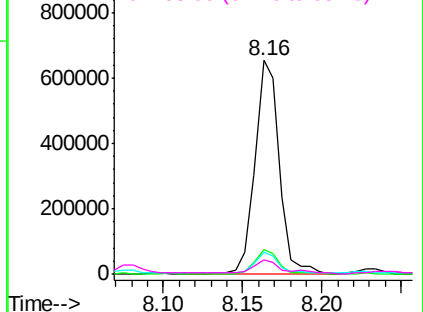


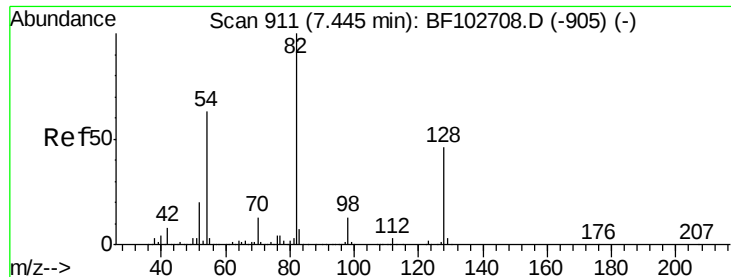
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Tgt Ion:136 Resp: 694147
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.3 6.6 9.8#
68 6.9 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

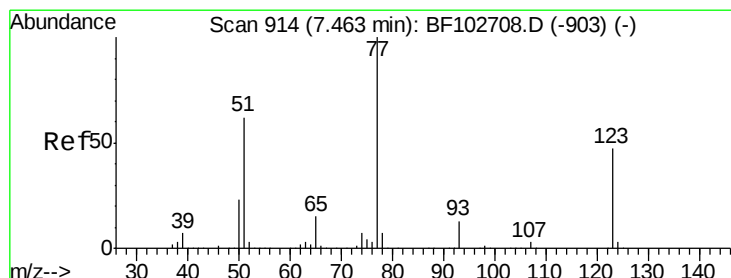
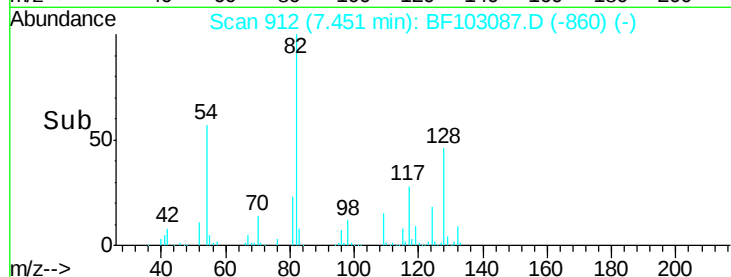
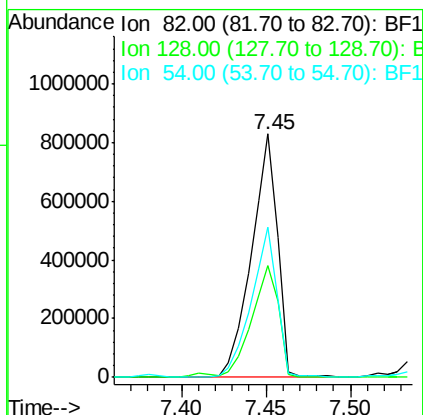
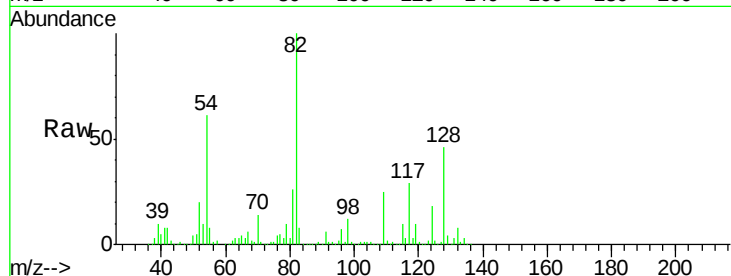




#23
Nitrobenzene-d5
Concen: 89.030 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

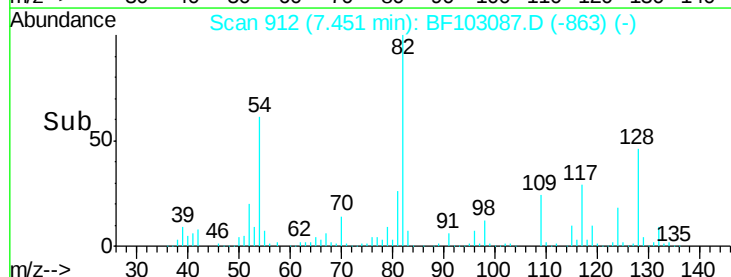
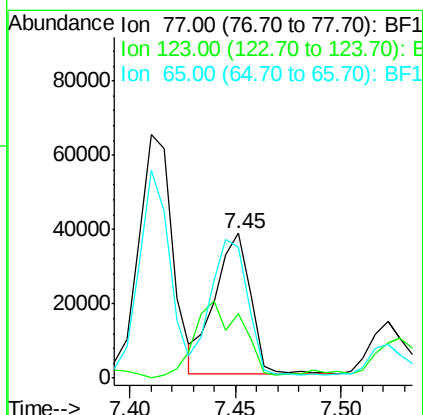
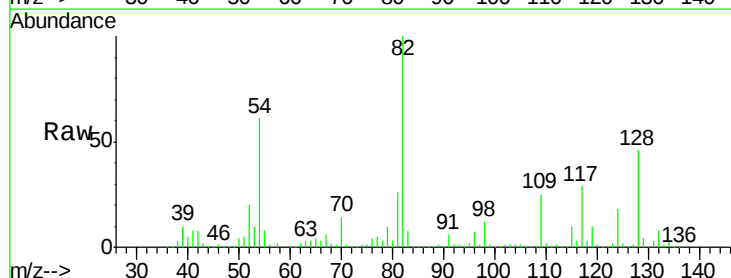
Instrument :
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DRUM-1

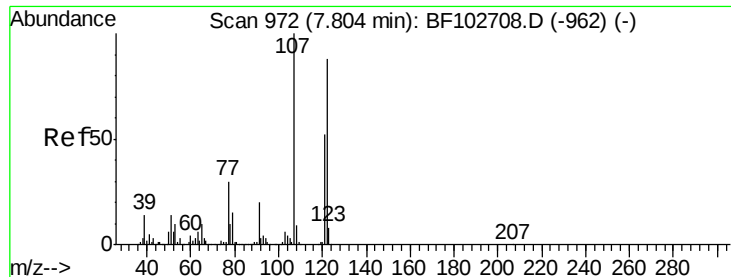
Tgt Ion: 82 Resp: 890870
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 61.4 41.4 62.2



#24
Nitrobenzene
Concen: 3.678 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Tgt Ion: 77 Resp: 44082
Ion Ratio Lower Upper
77 100
123 44.9 37.9 56.9
65 90.3 11.0 16.4#

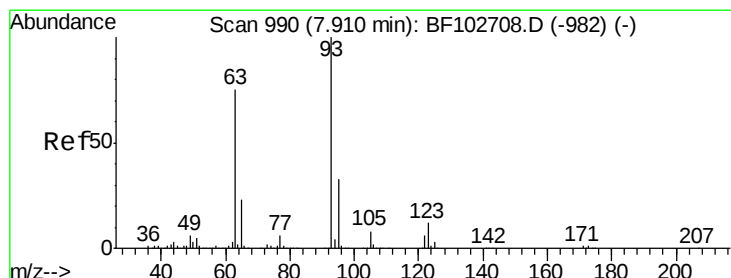
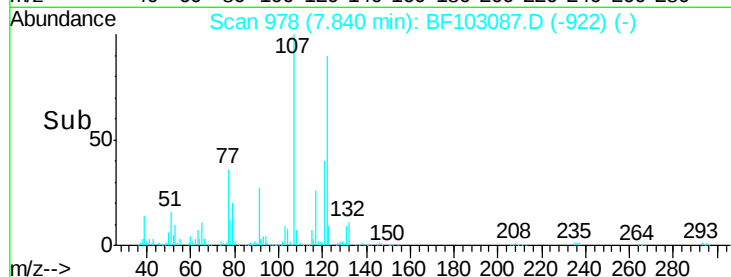
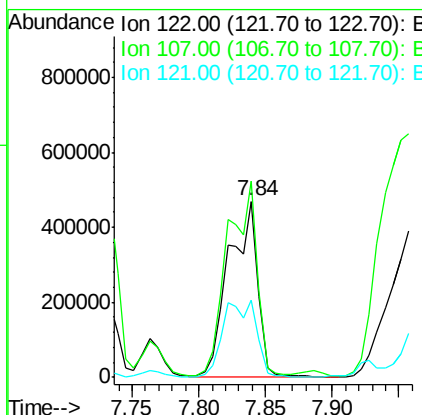
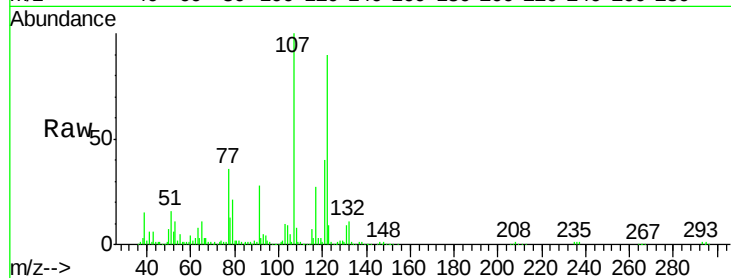




#27
 2,4-Dimethylphenol
 Concen: 72.957 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.03 min
 Lab File: BF103087.D
 Acq: 19 Feb 2018 17:24

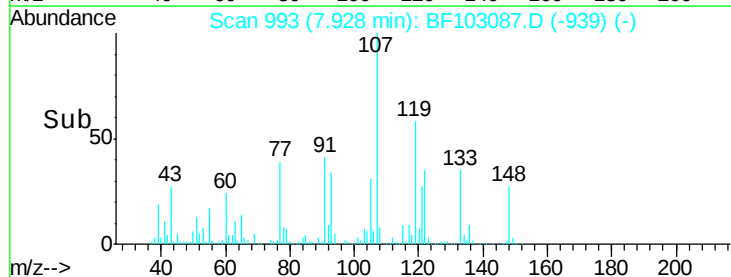
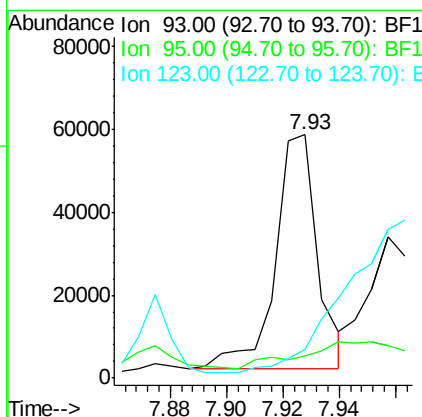
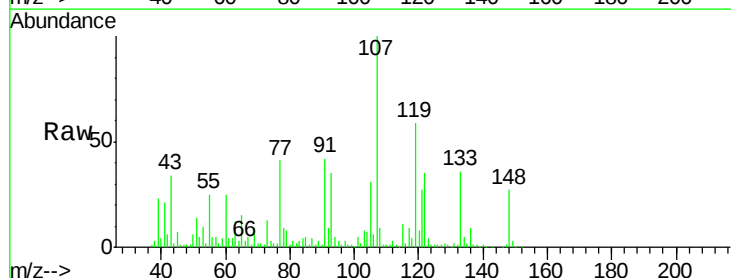
Instrument :
 BNA_F
 ClientSampled :
 DRUM-1

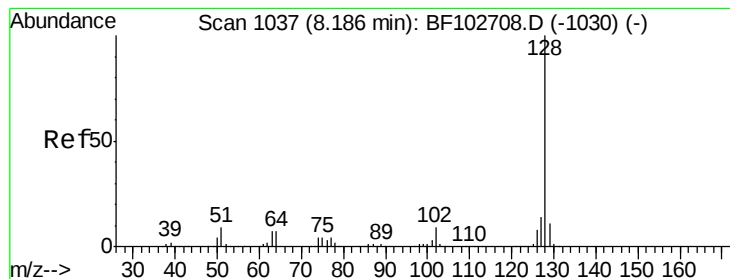
Tgt Ion:122 Resp: 710194
 Ion Ratio Lower Upper
 122 100
 107 111.7 91.2 136.8
 121 44.3 47.2 70.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.312 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.02 min
 Lab File: BF103087.D
 Acq: 19 Feb 2018 17:24

Tgt Ion: 93 Resp: 58853
 Ion Ratio Lower Upper
 93 100
 95 9.1 26.3 39.5#
 123 11.8 9.8 14.6





#31

Naphthalene

Concen: 79.590 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

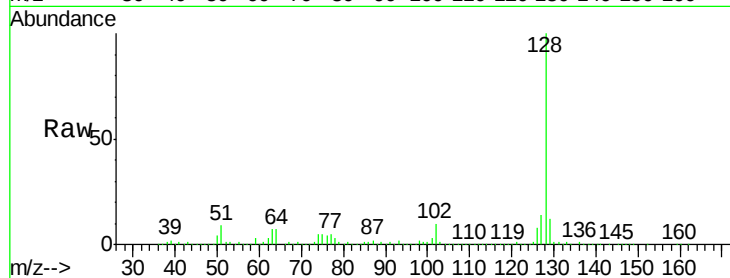
Tgt Ion:128 Resp: 2699259

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

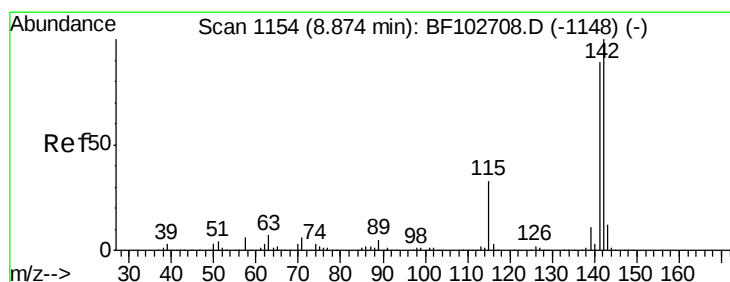
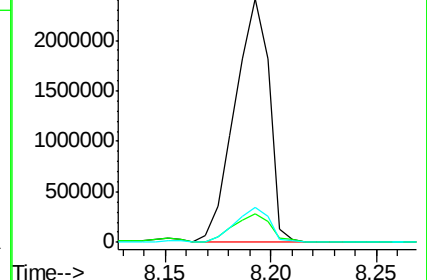
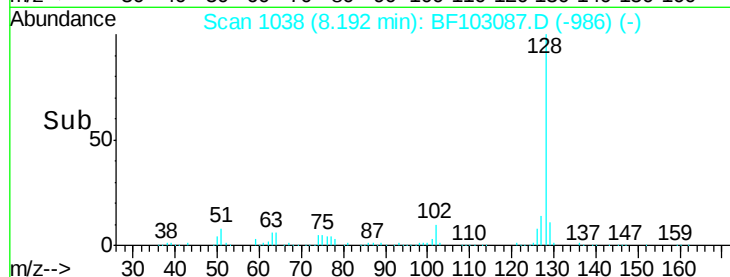
127 14.4 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 83.289 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

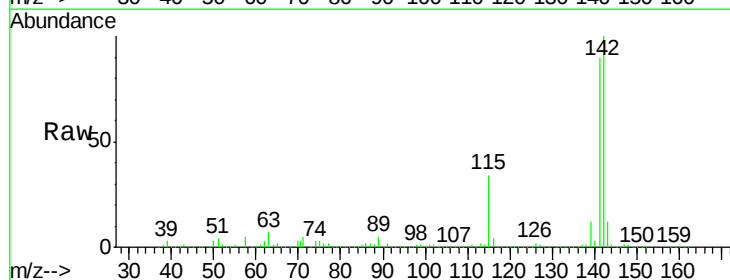
Tgt Ion:142 Resp: 1849384

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

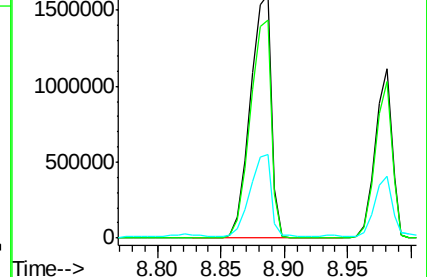
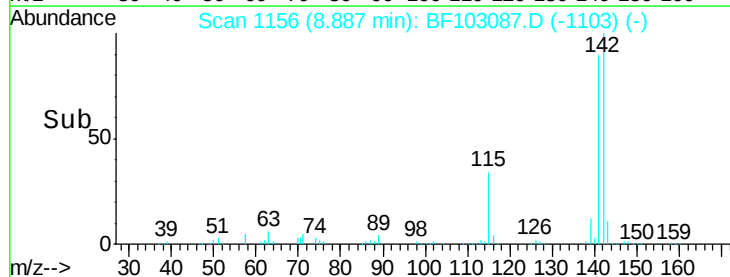
115 34.3 26.1 39.1

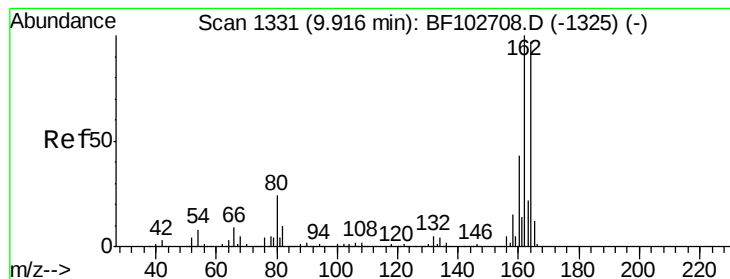


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

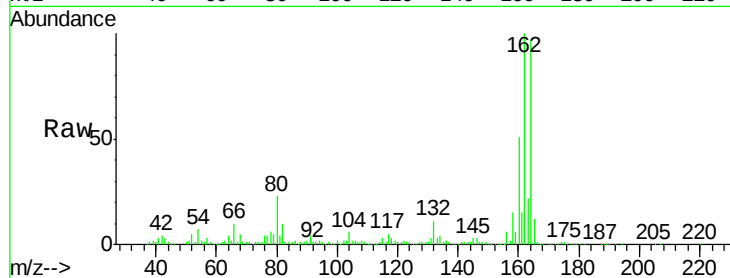
Tgt Ion:164 Resp: 298303

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

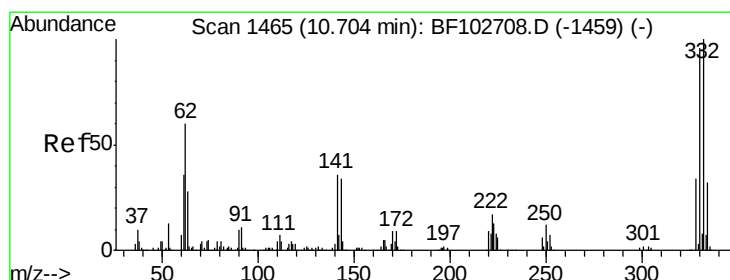
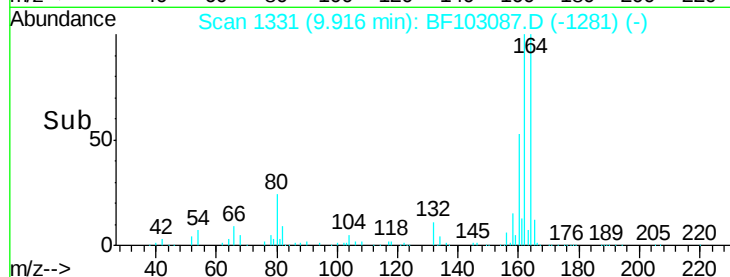
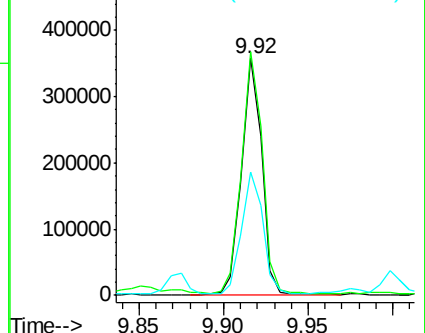
160 52.1 38.3 57.5



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: 125.418 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

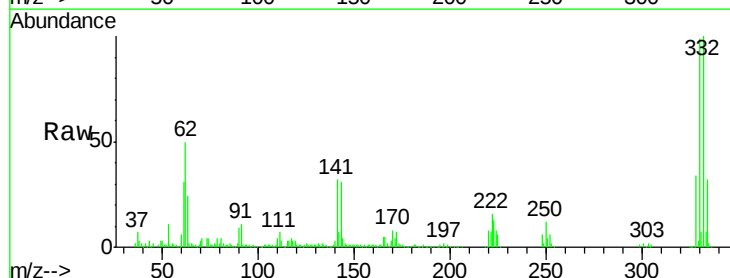
Tgt Ion:330 Resp: 301127

Ion Ratio Lower Upper

330 100

332 102.9 77.0 115.6

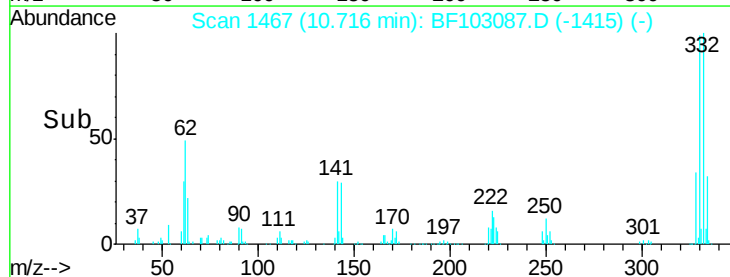
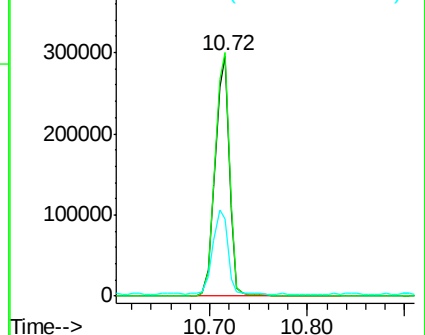
141 36.3 29.9 44.9

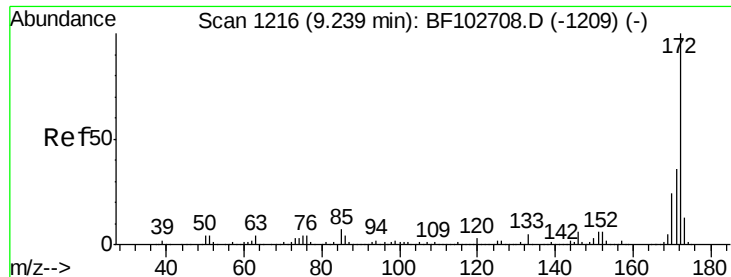


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

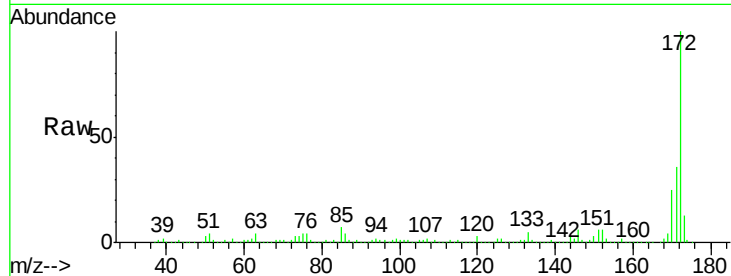




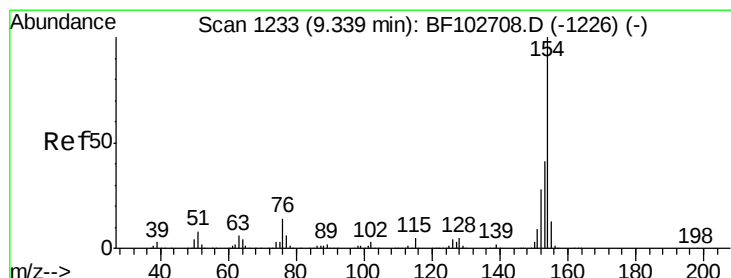
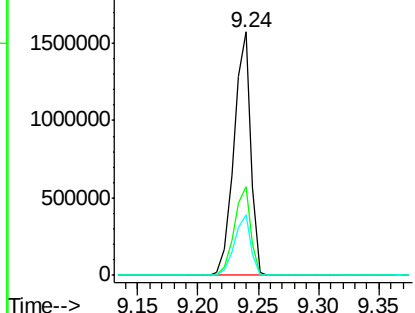
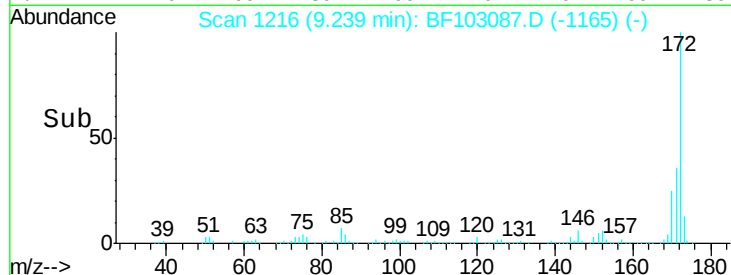
#44
 2-Fluorobiphenyl
 Concen: 84.127 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103087.D
 Acq: 19 Feb 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Tgt Ion:172 Resp: 1512355
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.6 19.6 29.4

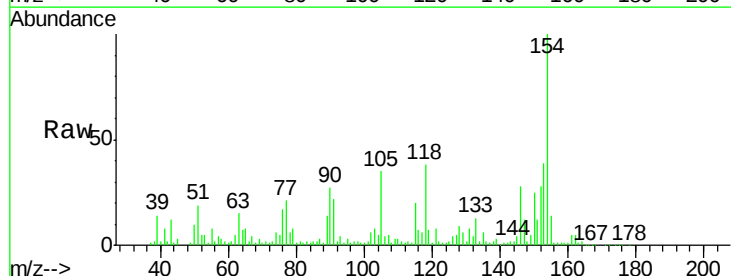


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

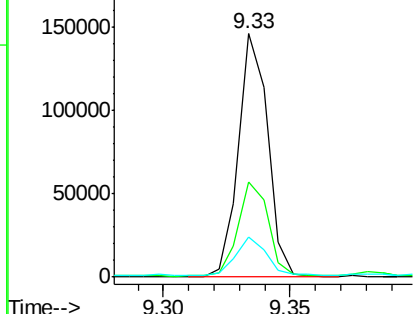
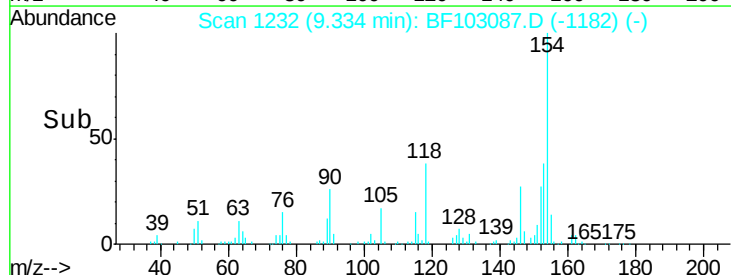


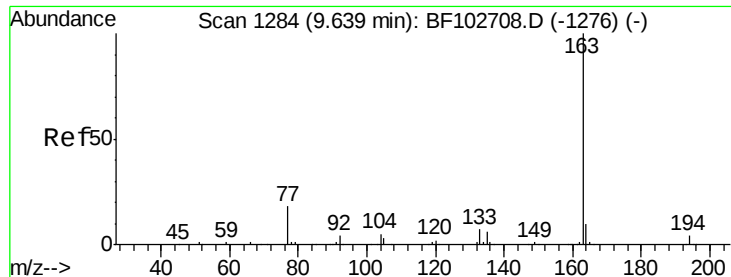
#45
 1,1'-Biphenyl
 Concen: 4.633 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF103087.D
 Acq: 19 Feb 2018 17:24

Tgt Ion:154 Resp: 116393
 Ion Ratio Lower Upper
 154 100
 153 39.3 21.3 61.3
 76 16.5 0.0 34.0



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): BF1

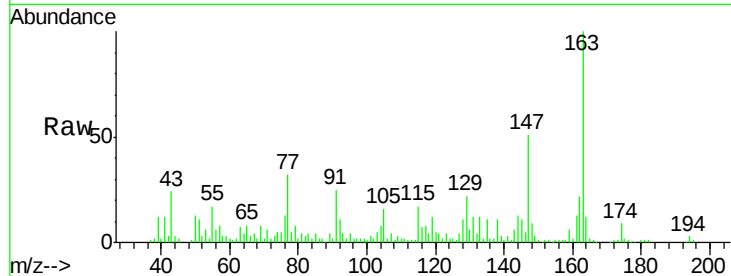




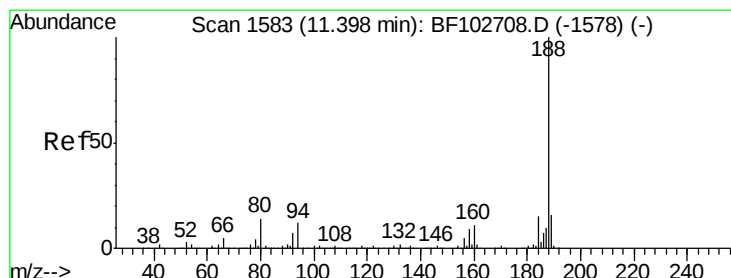
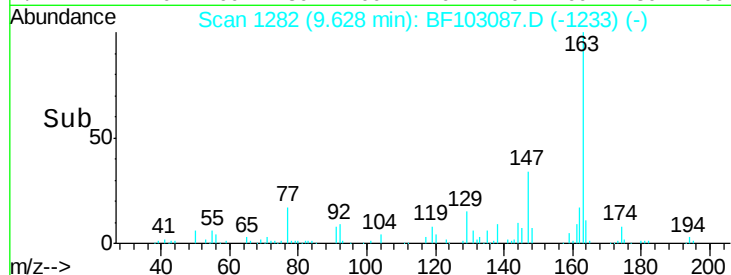
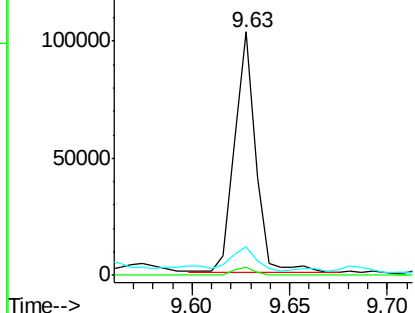
#49
Dimethylphthalate
Concen: 3.359 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:163 Resp: 78123
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 11.8 8.2 12.2

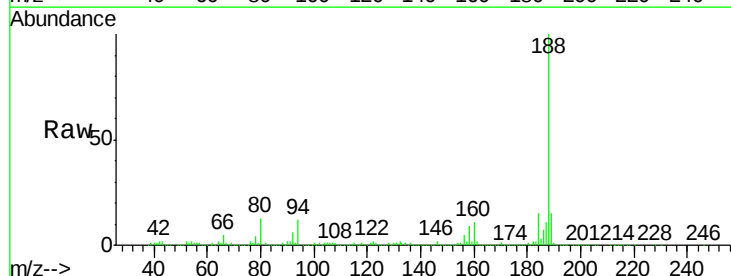


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

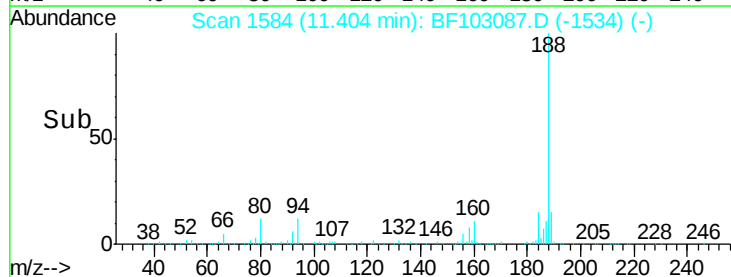
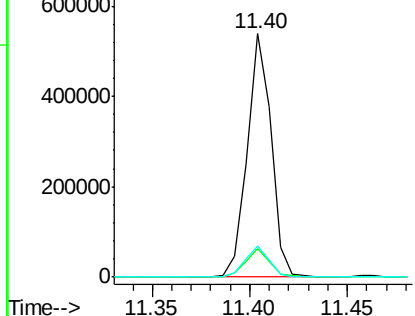


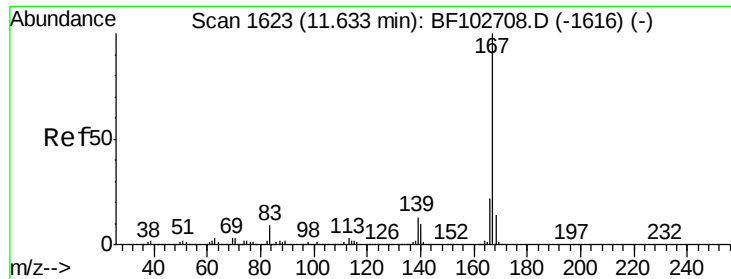
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103087.D
Acq: 19 Feb 2018 17:24

Tgt Ion:188 Resp: 455174
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#72

Carbazole

Concen: 2.061 ng

RT: 11.64 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

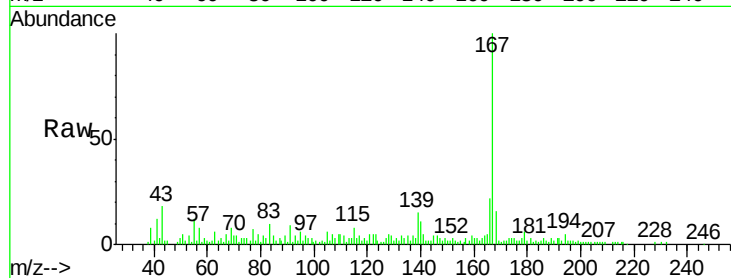
Tgt Ion:167 Resp: 52048

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

139 14.9 10.9 16.3

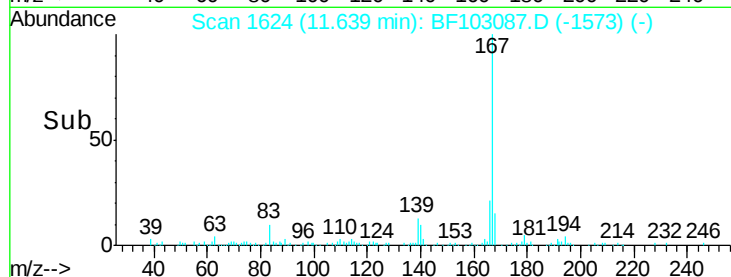


Abundance Ion 167.00 (166.70 to 167.70): E

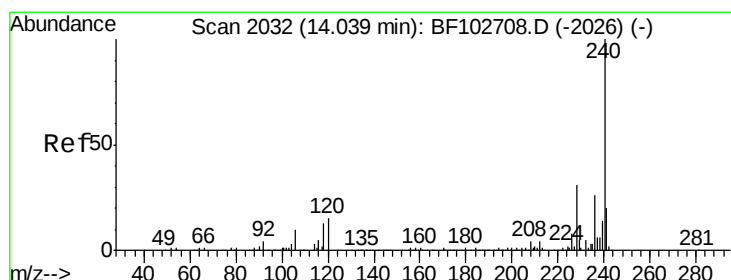
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.64



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

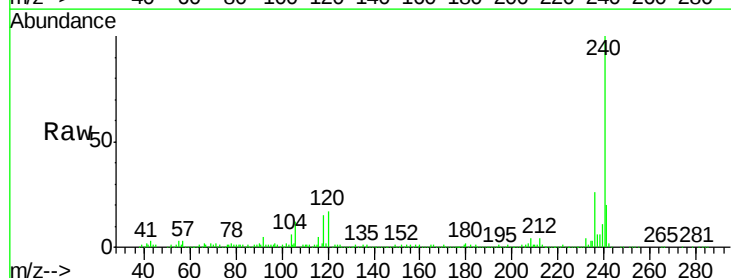
Tgt Ion:240 Resp: 299873

Ion Ratio Lower Upper

240 100

120 16.7 9.5 14.3#

236 25.9 20.7 31.1

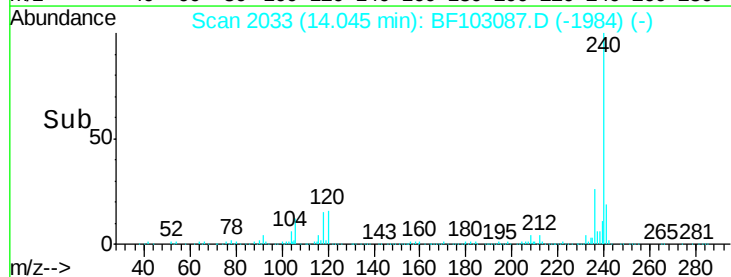


Abundance Ion 240.00 (239.70 to 240.70): E

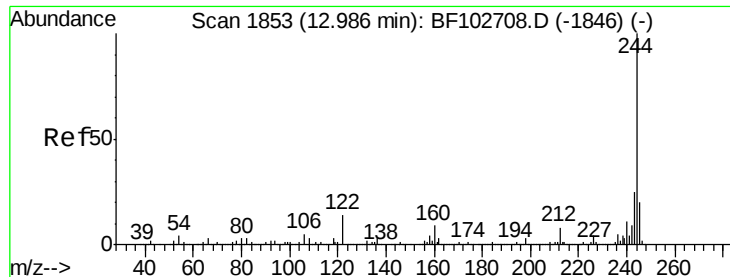
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.05



Time-->



#78

Terphenyl-d14

Concen: 87.530 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

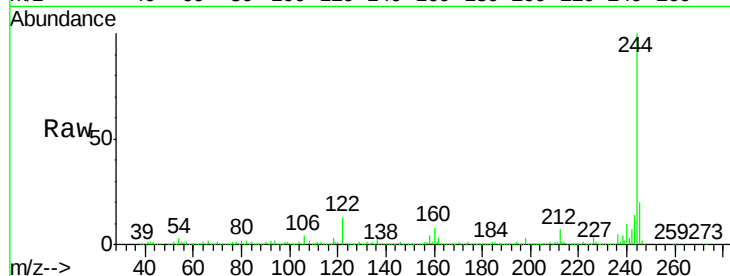
Tgt Ion:244 Resp: 1108541

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

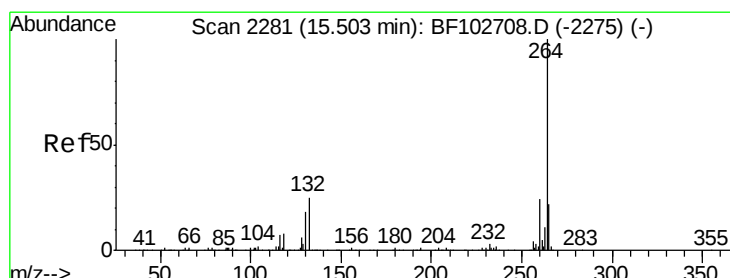
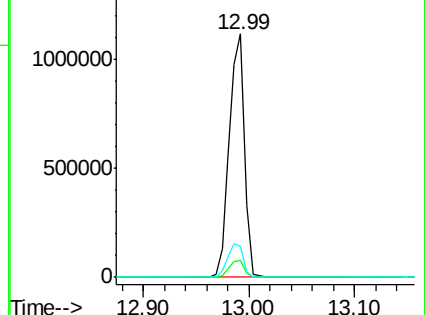
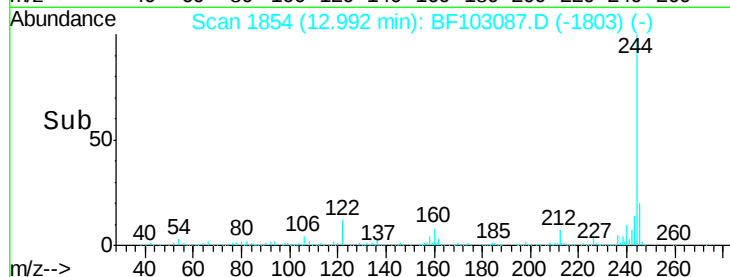
122 12.7 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF103087.D

Acq: 19 Feb 2018 17:24

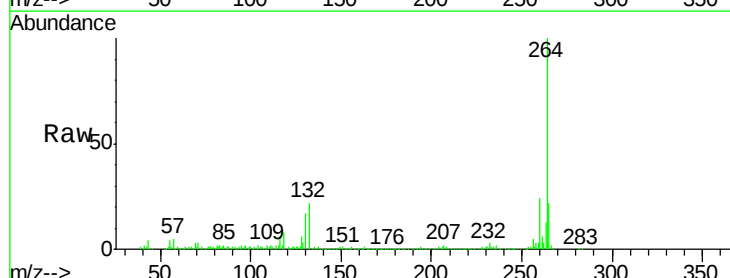
Tgt Ion:264 Resp: 324137

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 17.5 26.3



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

