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 Data File : BF103514.D
 Acq On : 8 Mar 2018 14:14
 Operator : SJ/JU
 Sample : J1779-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

Quant Time: Mar 08 14:44:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

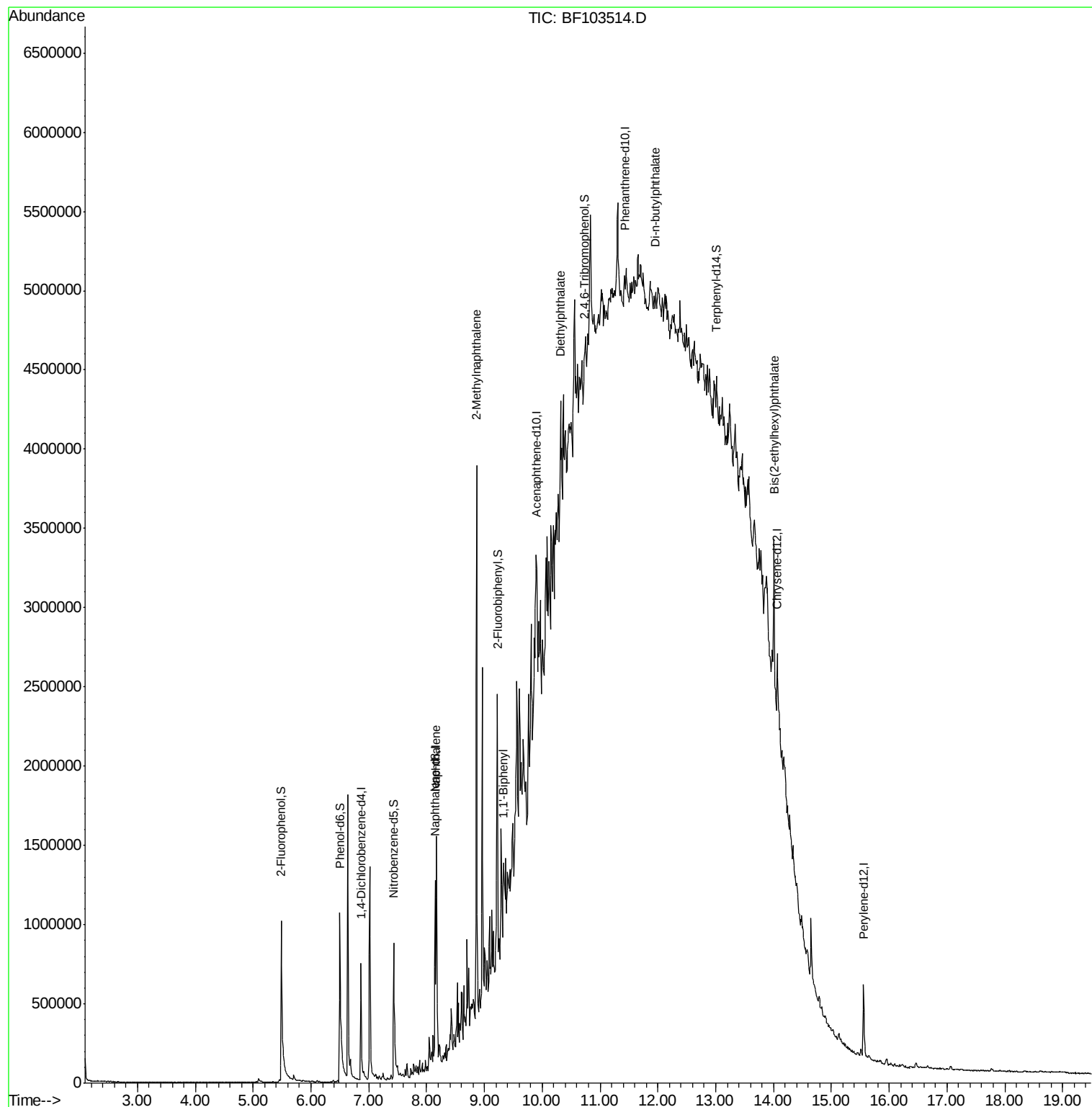
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	140293	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	554931	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	202160	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	156736	20.00	ng	0.02
75) Chrysene-d12	14.07	240	209380	20.00	ng	0.00
86) Perylene-d12	15.56	264	248498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	544015	58.65	ng	0.00
7) Phenol-d6	6.50	99	703361	61.97	ng	0.00
23) Nitrobenzene-d5	7.43	82	442644	45.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	71633	41.86	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	643549	49.36	ng	0.00
78) Terphenyl-d14	13.00	244	287357	32.99	ng	0.02
Target Compounds						
31) Naphthalene	8.17	128	695646	25.605	ng	100
37) 2-Methylnaphthalene	8.86	142	1134146	64.593	ng	99
45) 1,1'-Biphenyl	9.33	154	49258	2.908	ng	99
59) Diethylphthalate	10.32	149	147943	9.538	ng	# 90
73) Di-n-butylphthalate	11.97	149	238566	21.645	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.01	149	312266	26.829	ng	99

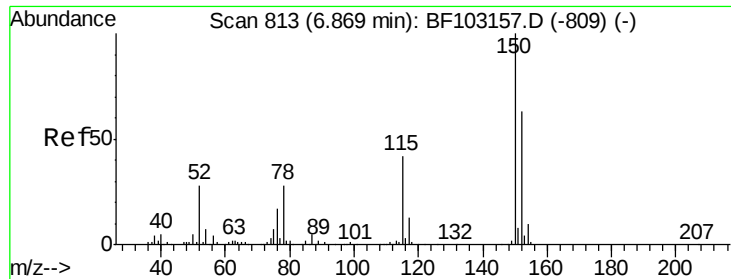
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
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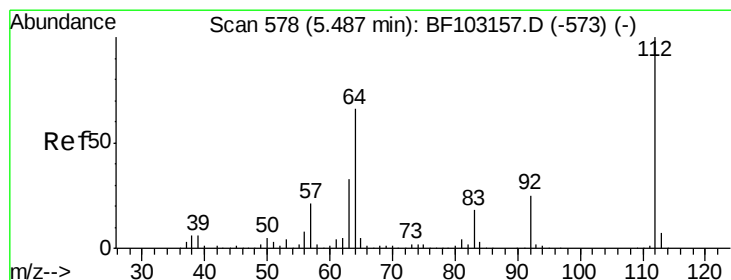
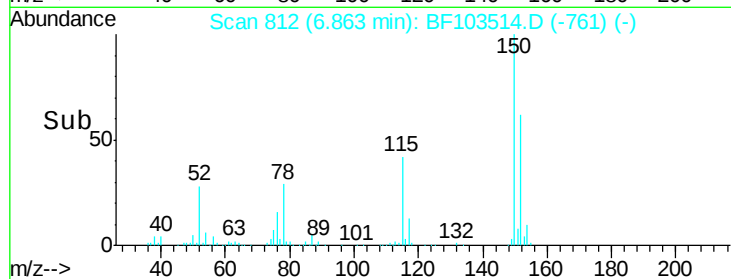
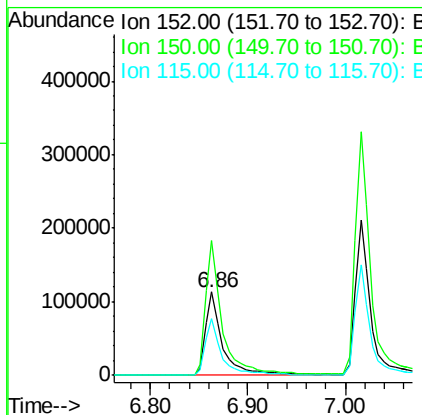
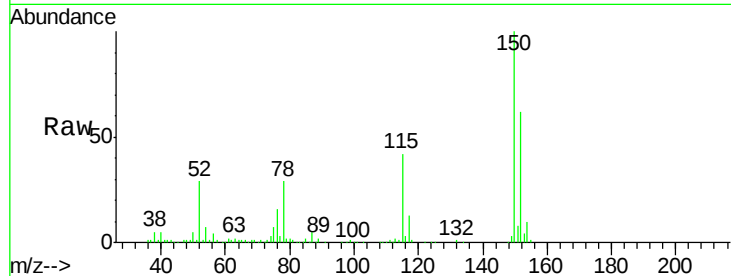


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Instrument :
BNA_F
ClientSampleId :
DRUM-5DL

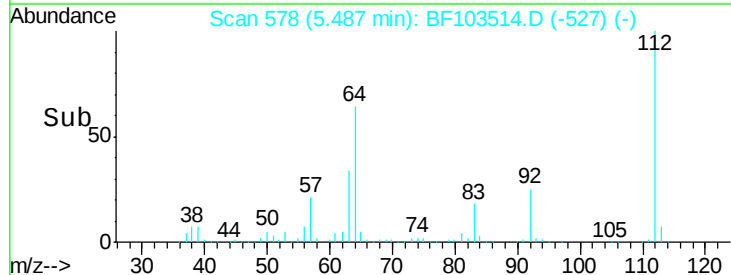
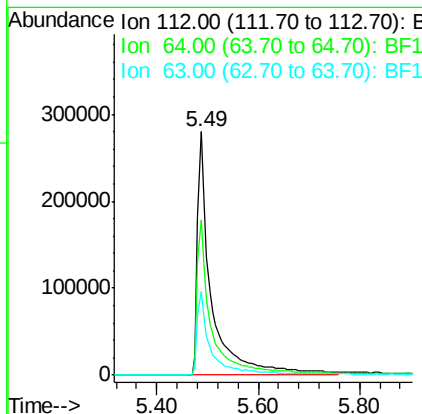
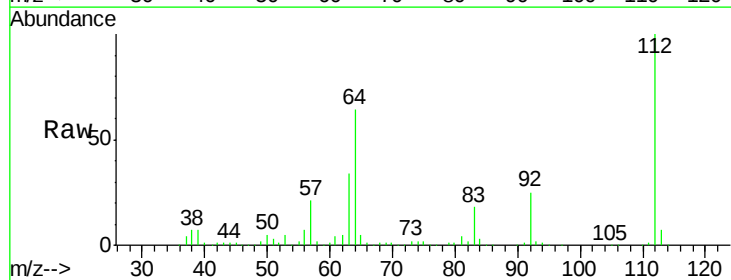
Tot Ion:152 Resp: 140293
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 67.8 50.1 75.1

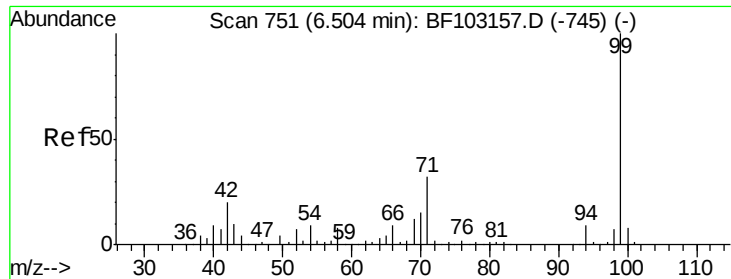


#5

2-Fluorophenol
Concen: 58.648 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion:112 Resp: 544015
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 34.1 23.7 35.5





#7

Phenol-d6

Concen: 61.967 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

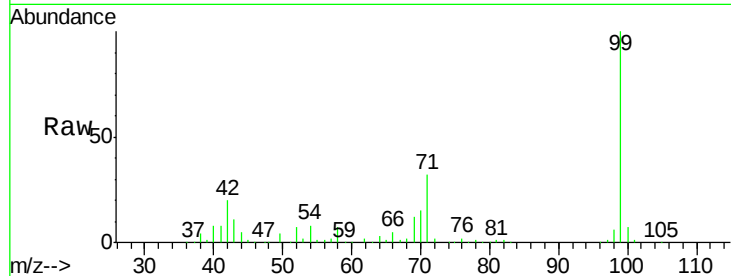
Tot Ion: 99 Resp: 703361

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

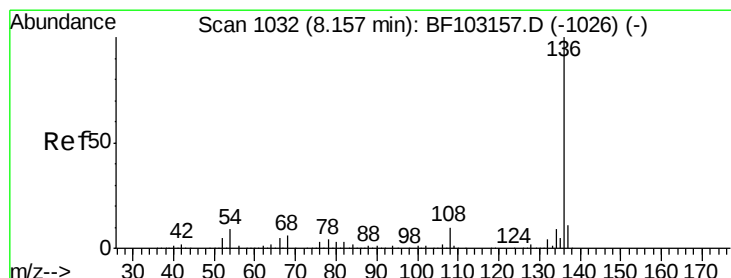
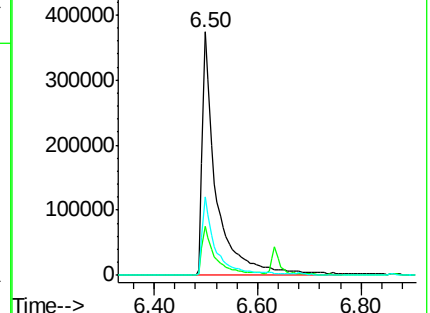
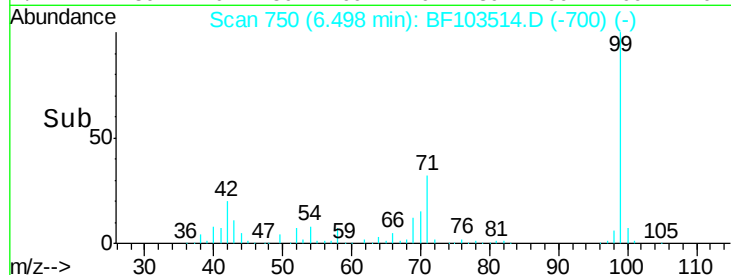
71 32.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Tgt Ion: 136 Resp: 554931

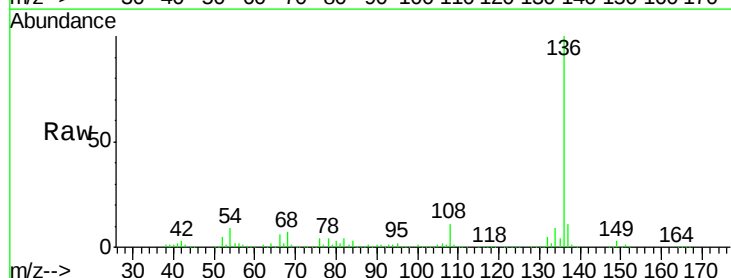
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 7.2 5.0 7.4

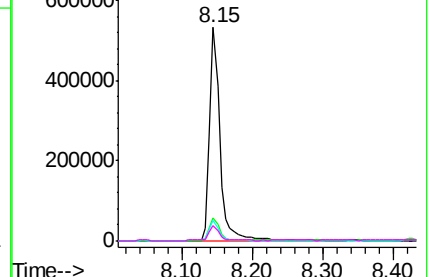
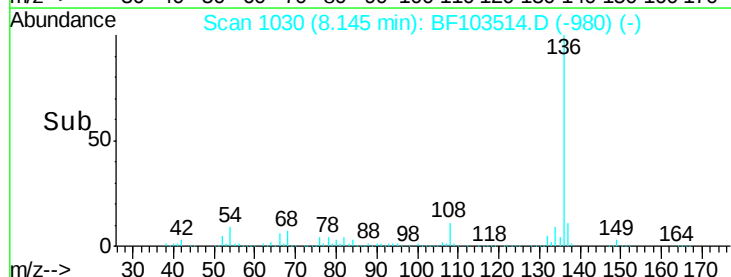


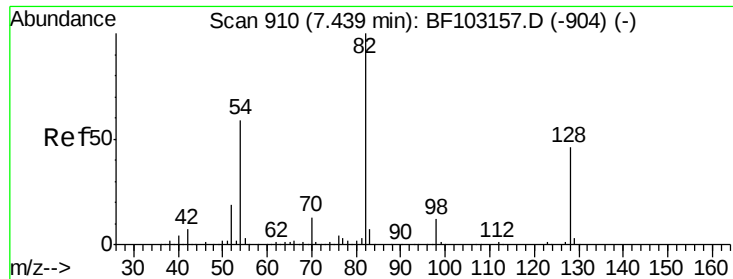
Abundance Ion 136.00 (135.70 to 136.70): E

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

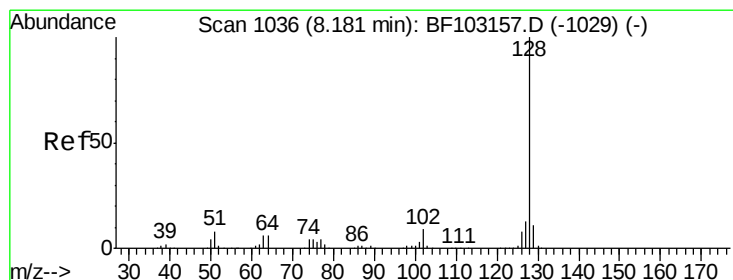
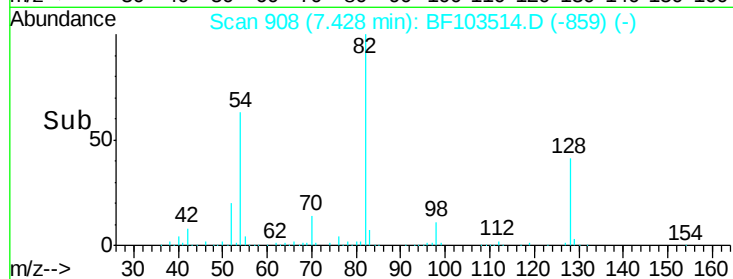
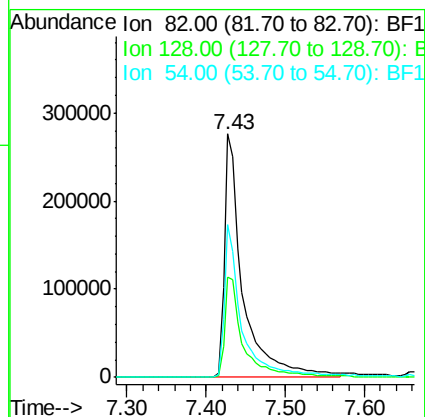
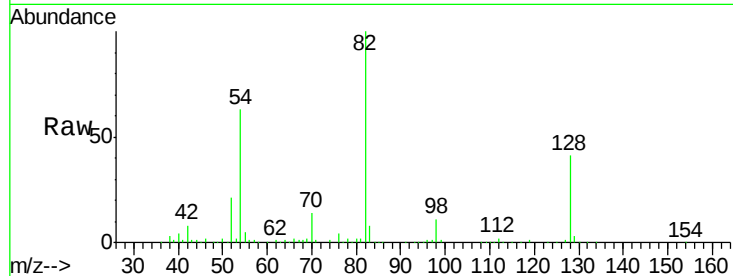




#23
Nitrobenzene-d5
Concen: 45.553 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

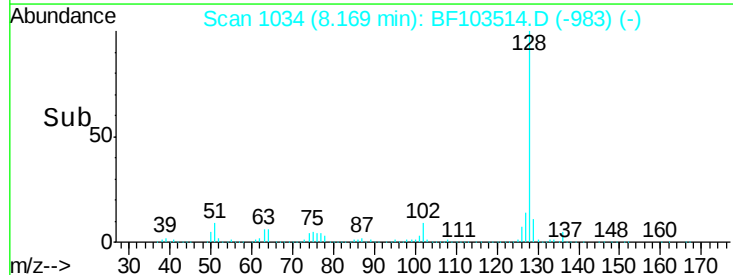
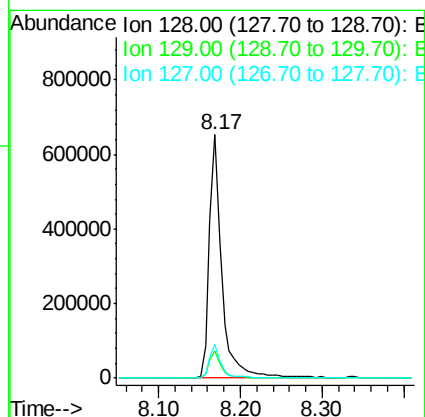
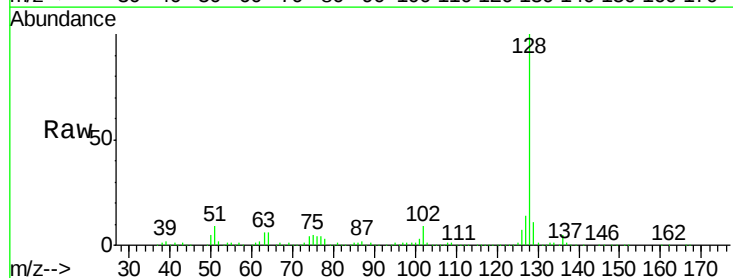
Instrument :
BNA_F
ClientSampleId :
DRUM-5DL

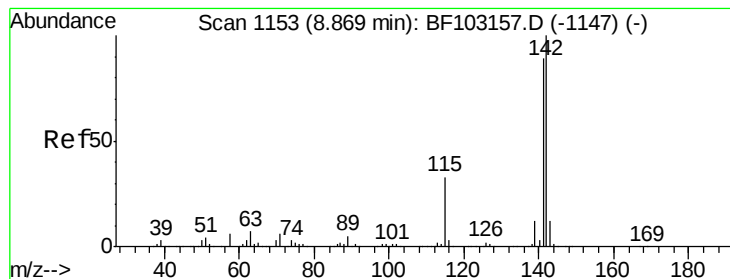
Tot Ion: 82 Resp: 442644
Ion Ratio Lower Upper
82 100
128 41.1 36.1 54.1
54 62.8 41.4 62.2#



#31
Naphthalene
Concen: 25.605 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion:128 Resp: 695646
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3





#37

2-Methylnaphthalene

Concen: 64.593 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

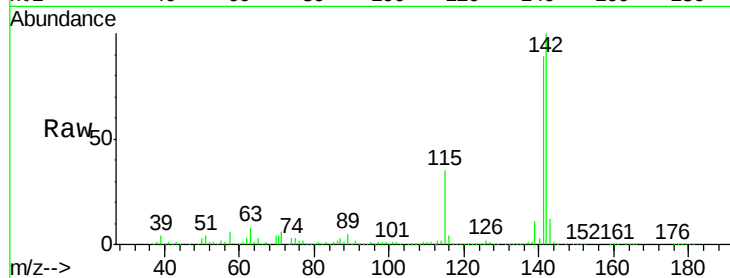
Tot Ion:142 Resp: 1134146

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

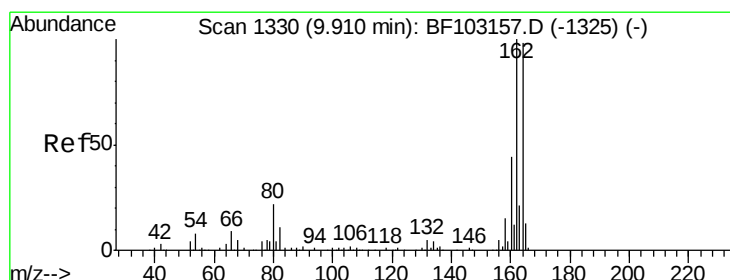
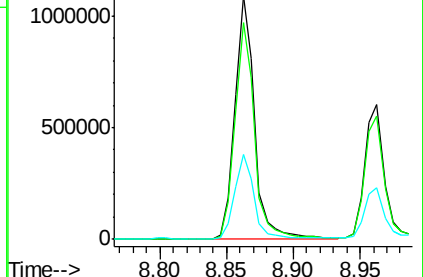
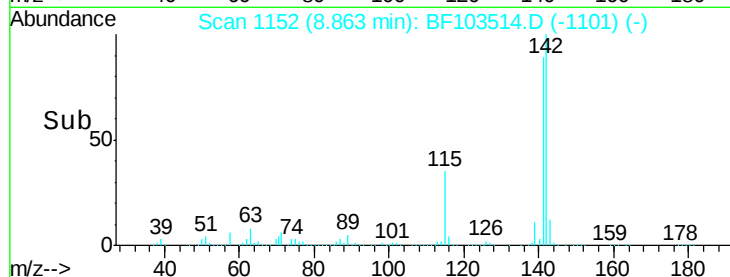
115 34.7 26.1 39.1



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: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

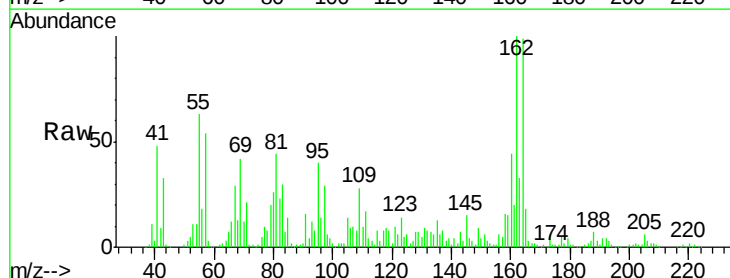
Tgt Ion:164 Resp: 202160

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

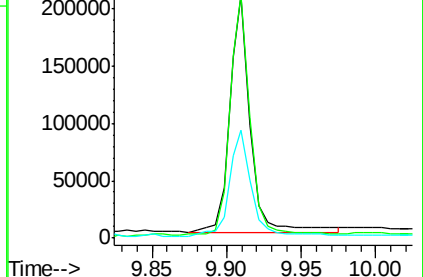
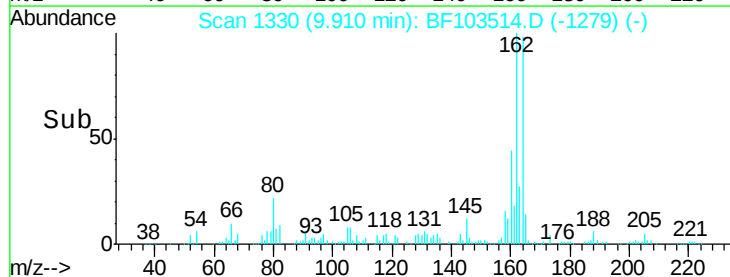
160 44.8 38.3 57.5

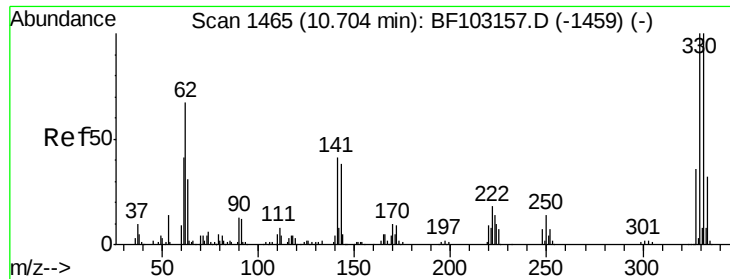


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

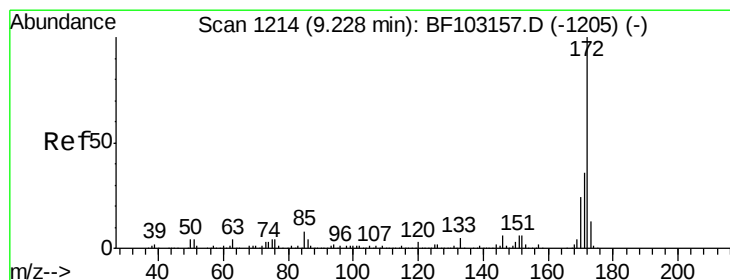
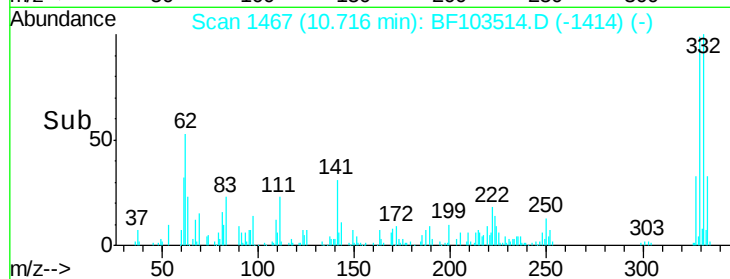
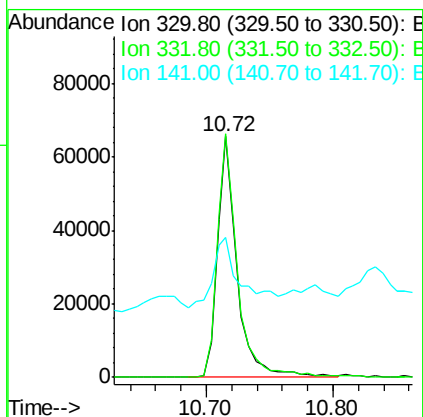
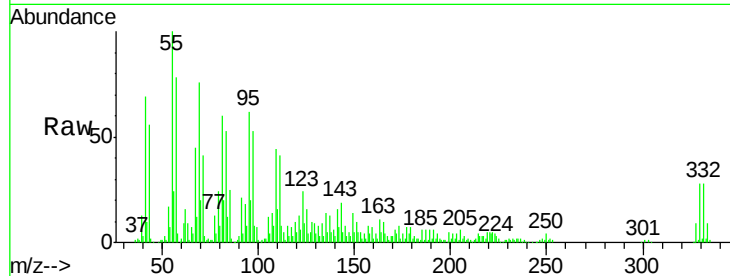




#41
 2,4,6-Tribromophenol
 Concen: 41.862 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103514.D
 Acq: 8 Mar 2018 14:14

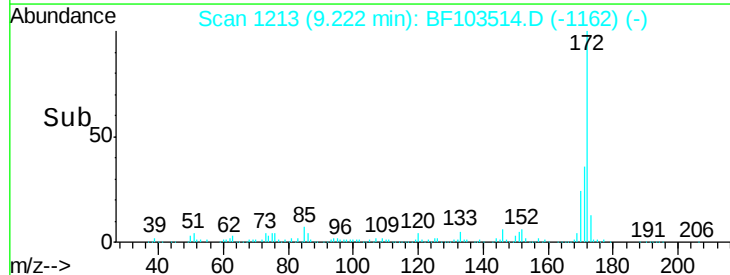
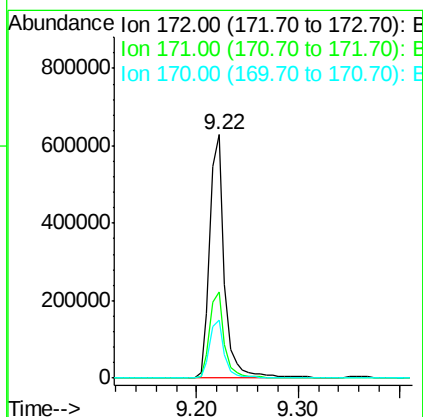
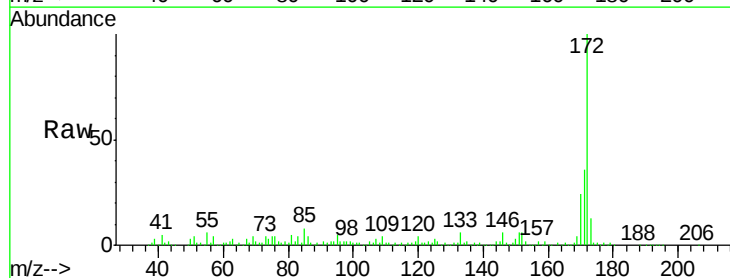
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-5DL

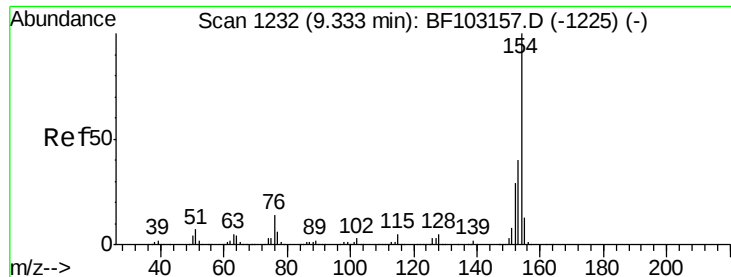
Tot Ion:330 Resp: 71633
 Ion Ratio Lower Upper
 330 100
 332 103.5 77.0 115.6
 141 40.3 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 49.364 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103514.D
 Acq: 8 Mar 2018 14:14

Tgt Ion:172 Resp: 643549
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.1 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.908 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

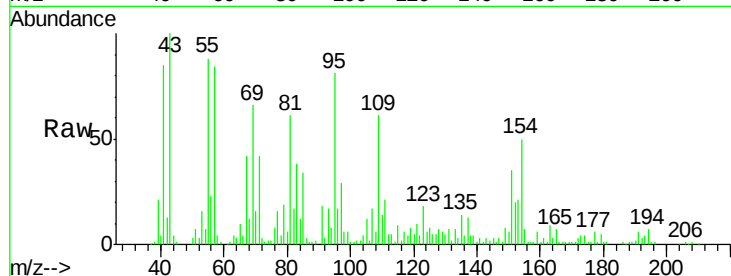
Tot Ion:154 Resp: 49258

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

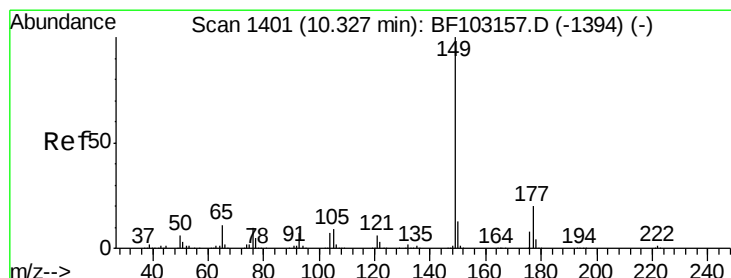
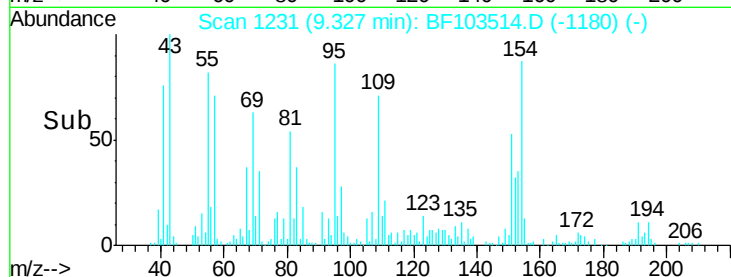
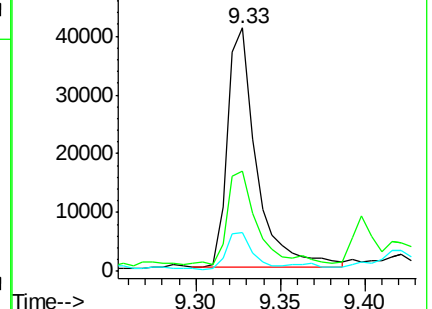
76 16.0 0.0 34.0



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



#59

Diethylphthalate

Concen: 9.538 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

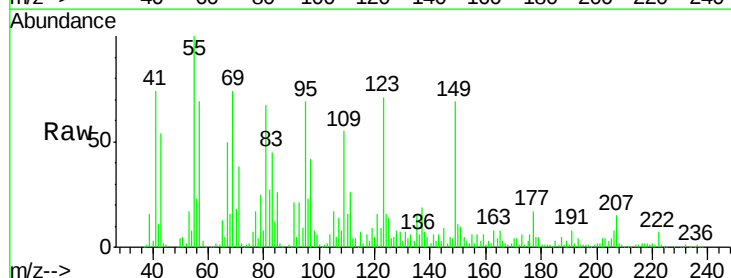
Tgt Ion:149 Resp: 147943

Ion Ratio Lower Upper

149 100

177 24.4 16.1 24.1#

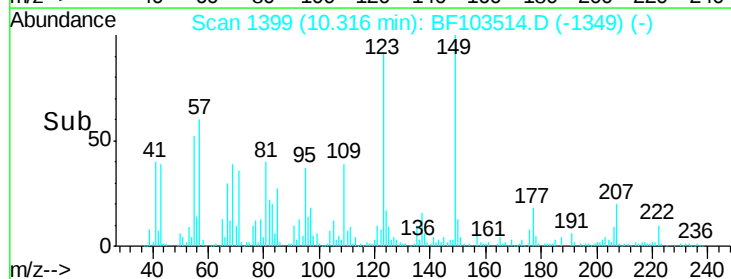
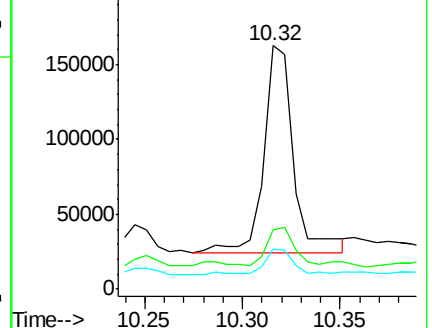
150 16.4 10.1 15.1#

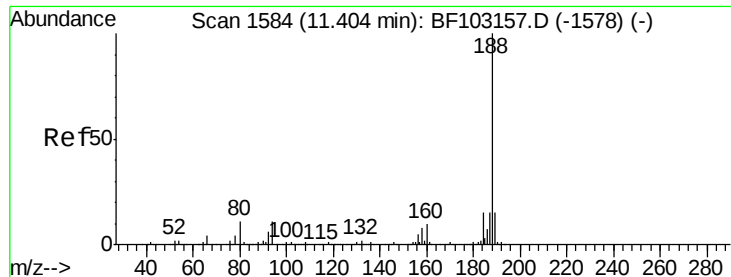


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

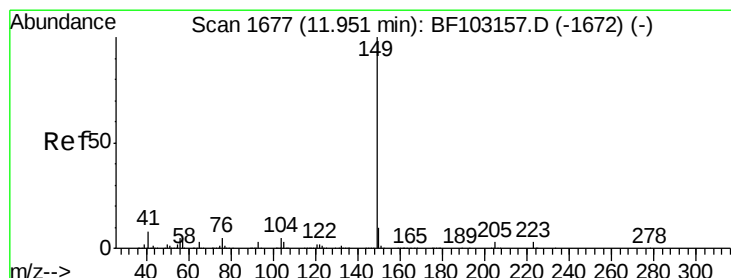
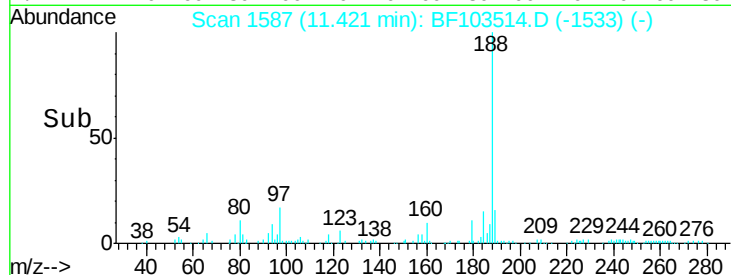
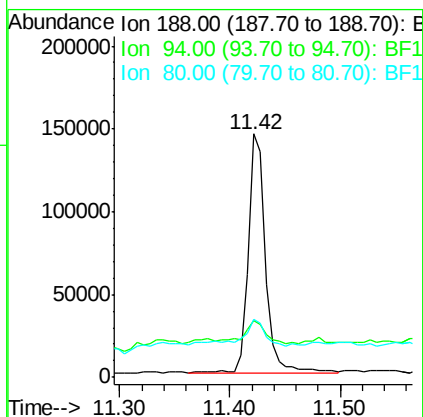
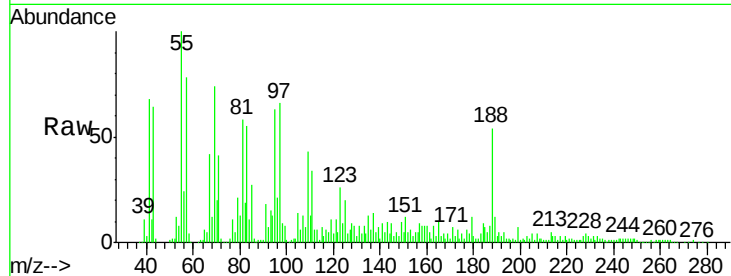




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

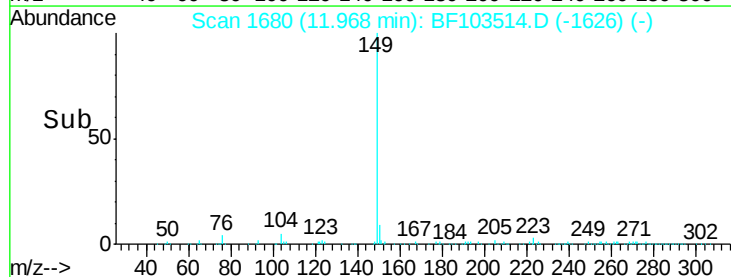
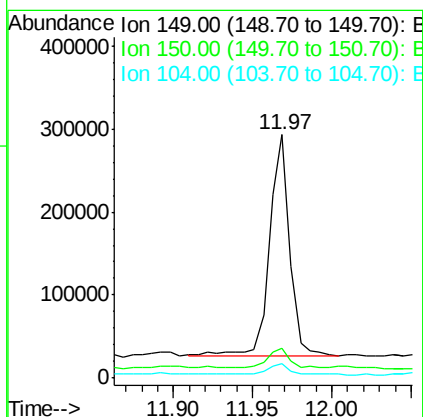
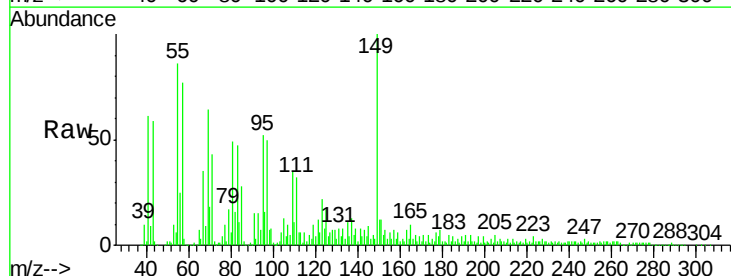
Instrument :
BNA_F
ClientSampleId :
DRUM-5DL

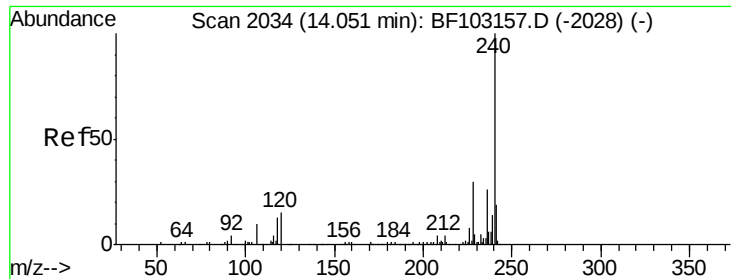
Tot Ion:188 Resp: 156736
Ion Ratio Lower Upper
188 100
94 23.1 8.5 12.7#
80 24.0 9.2 13.8#



#73
Di-n-butylphthalate
Concen: 21.645 ng
RT: 11.97 min Scan# 1680
Delta R.T. 0.02 min
Lab File: BF103514.D
Acq: 8 Mar 2018 14:14

Tgt Ion:149 Resp: 238566
Ion Ratio Lower Upper
149 100
150 12.4 7.8 11.6#
104 5.9 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

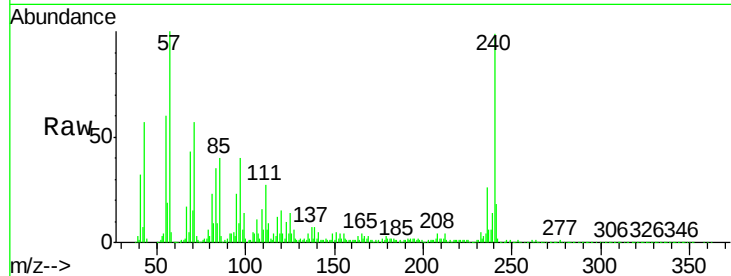
Tot Ion:240 Resp: 209380

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

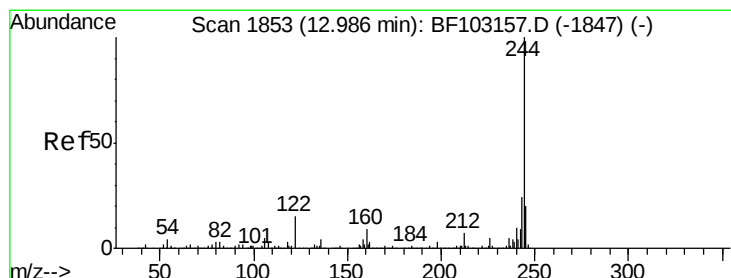
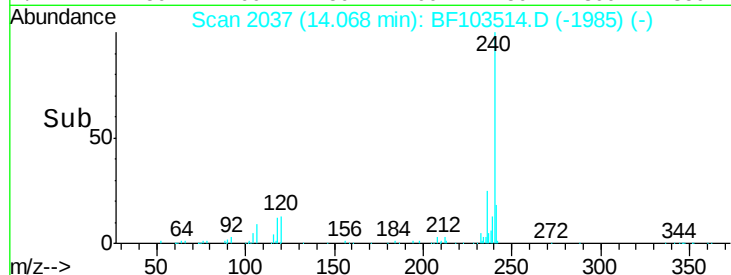
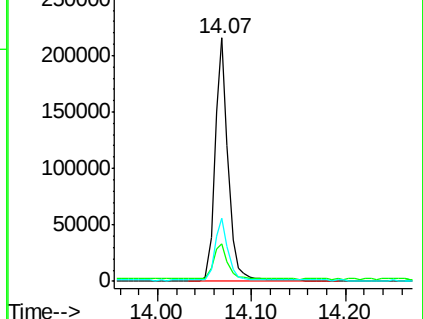
236 26.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 32.991 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.02 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

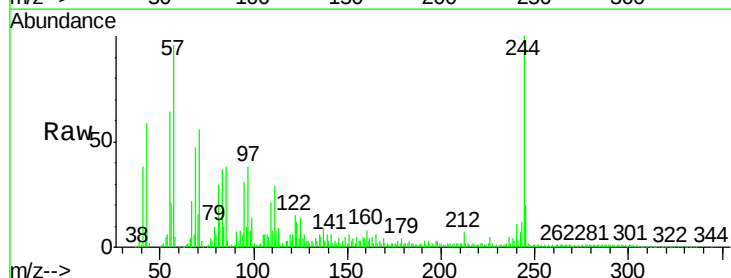
Tgt Ion:244 Resp: 287357

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

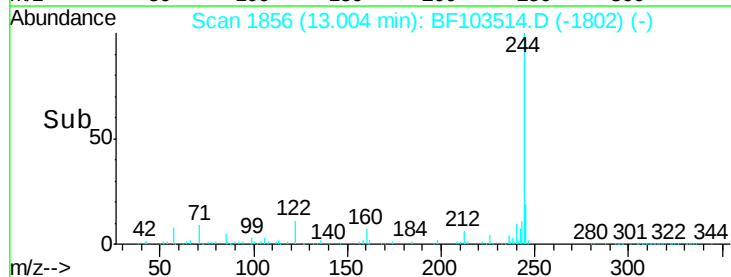
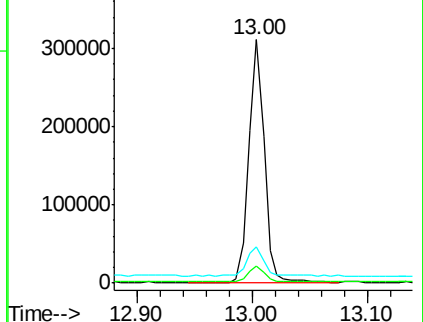
122 14.8 11.0 16.4

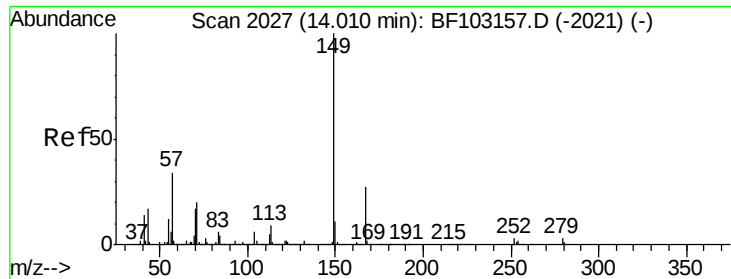


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 26.829 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

Instrument :

BNA_F

ClientSampleId :

DRUM-5DL

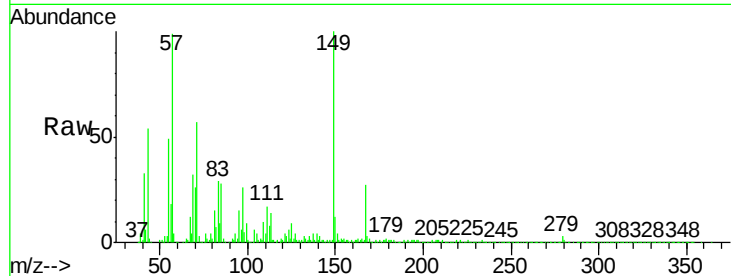
Tot Ion:149 Resp: 312266

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

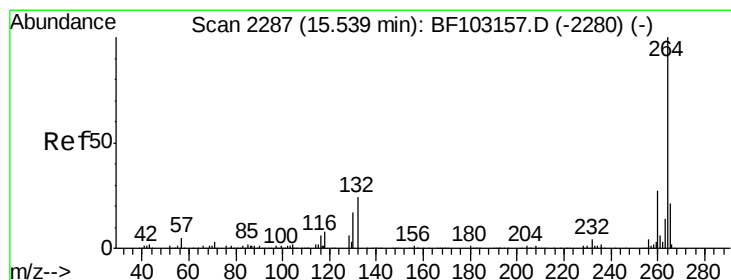
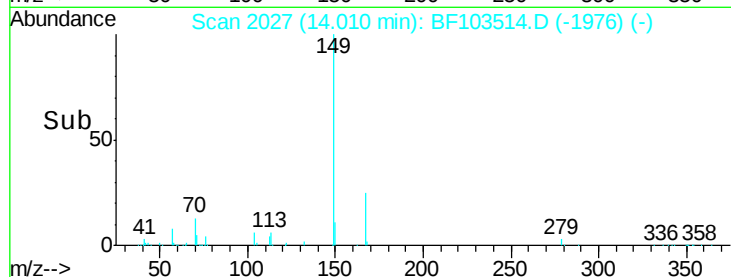
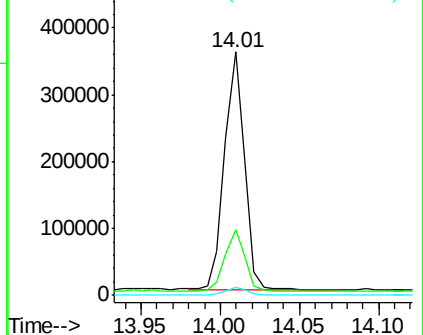
279 3.2 3.0 4.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103514.D

Acq: 8 Mar 2018 14:14

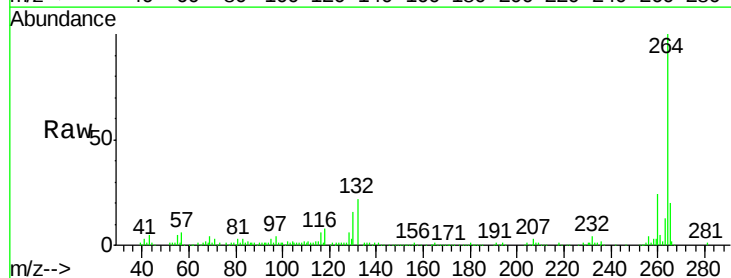
Tgt Ion:264 Resp: 248498

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.0 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

