

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103272.D
 Acq On : 27 Feb 2018 19:21
 Operator : SJ/JU
 Sample : J1400-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-B

Quant Time: Feb 28 00:35:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

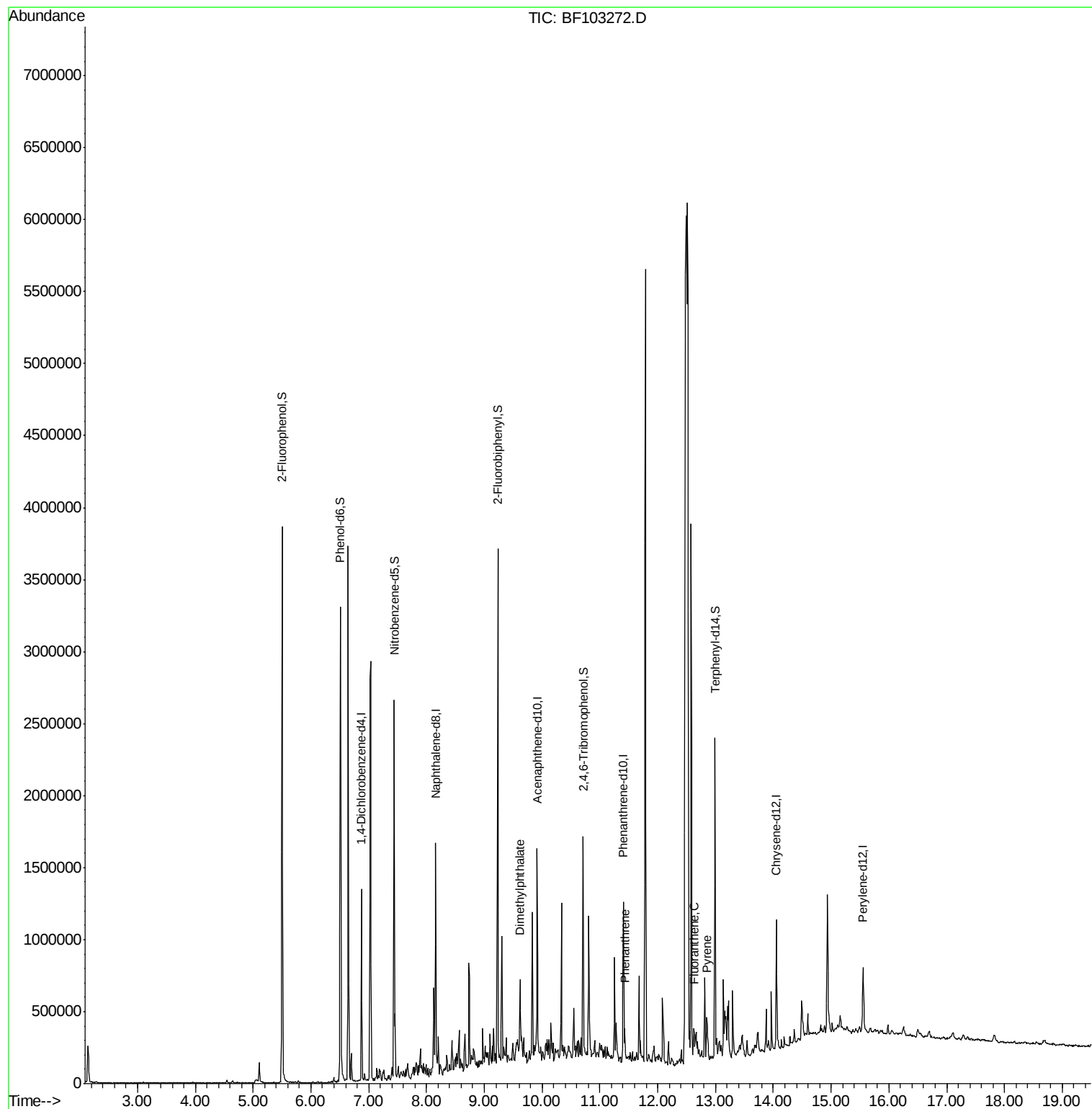
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166941	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	678540	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272951	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	385176	20.00	ng	0.00
75) Chrysene-d12	14.06	240	286049	20.00	ng	0.00
86) Perylene-d12	15.56	264	207084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1072240	97.14	ng	0.01
7) Phenol-d6	6.51	99	1294603	95.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	845612	71.17	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	167137	72.34	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1111483	66.57	ng	0.00
78) Terphenyl-d14	12.99	244	715625	60.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	93946	4.290	ng	99
70) Phenanthrene	11.43	178	57387	2.707	ng	99
74) Fluoranthene	12.63	202	51547	2.420	ng	99
77) Pyrene	12.86	202	59733	2.678	ng	99

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

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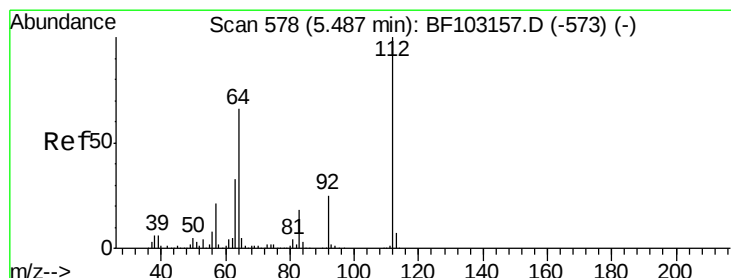
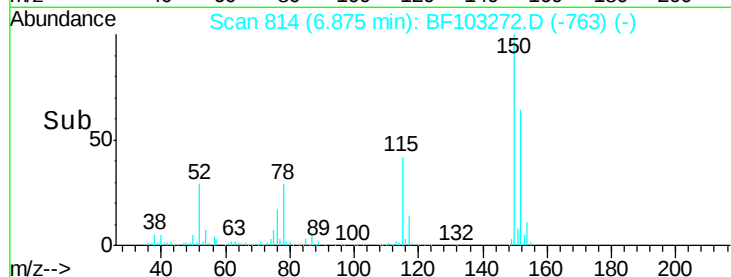
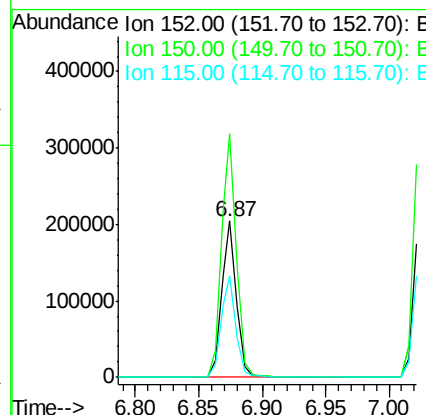
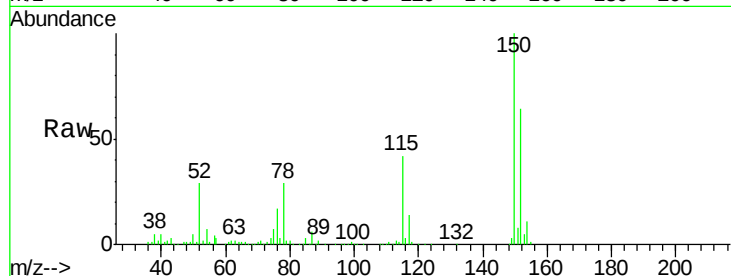


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

Instrument :
BNA_F
ClientSampleId :
EO-02-022618-B

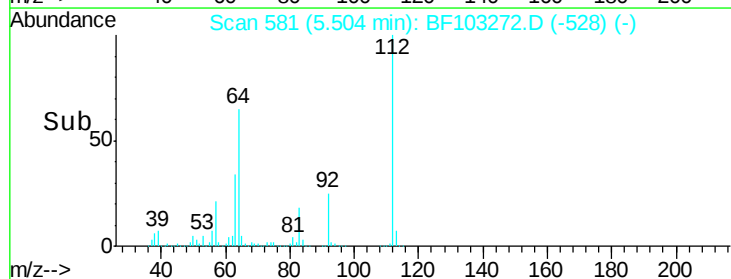
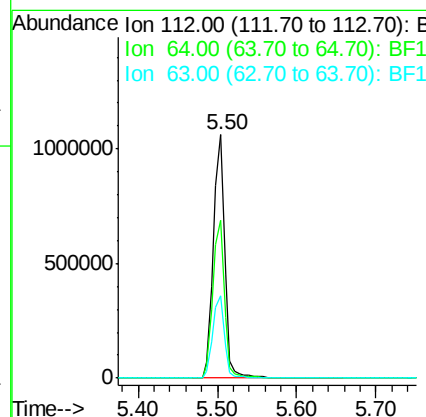
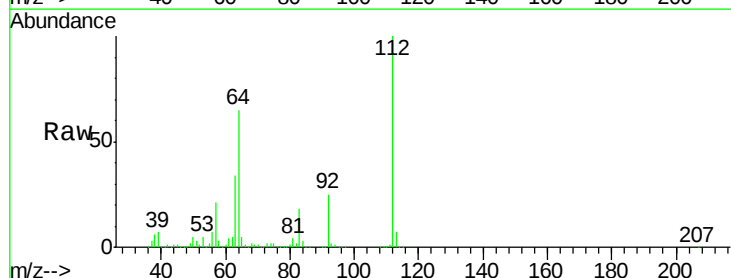
Tot Ion:152 Resp: 166941
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 65.3 50.1 75.1

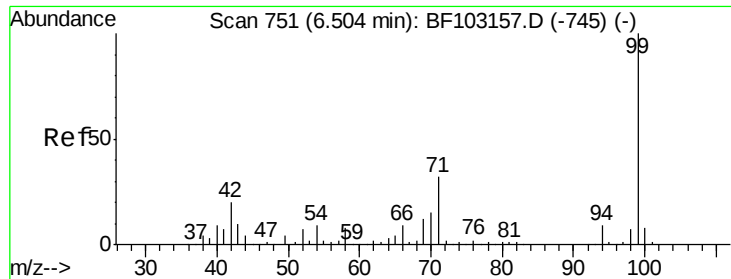


#5

2-Fluorophenol
Concen: 97.141 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

Tgt Ion:112 Resp: 1072240
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 33.7 23.7 35.5





#7

Phenol-d6

Concen: 95.850 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

Instrument :

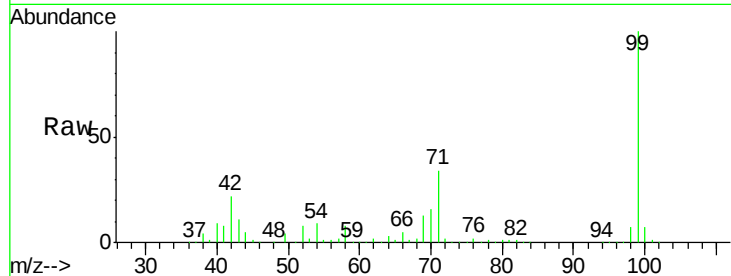
BNA_F

ClientSampleId :

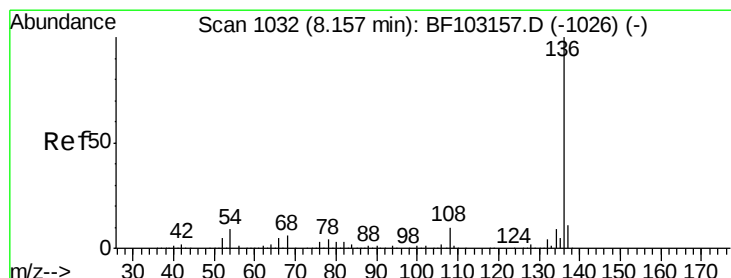
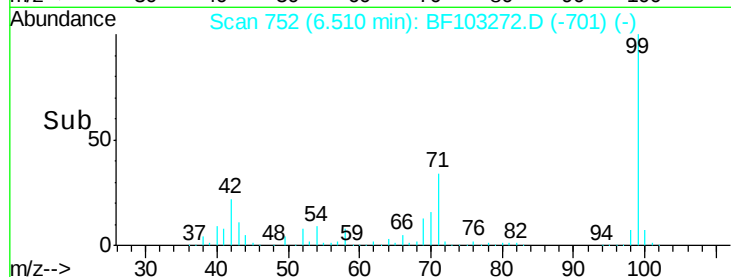
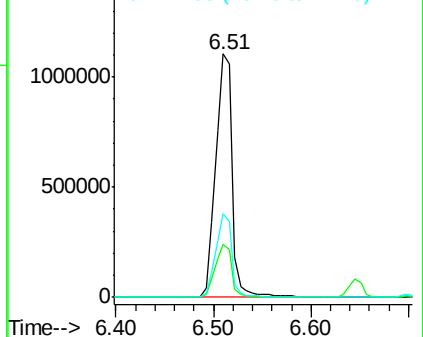
EO-02-022618-B

Tot Ion: 99 Resp: 1294603

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	34.3	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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

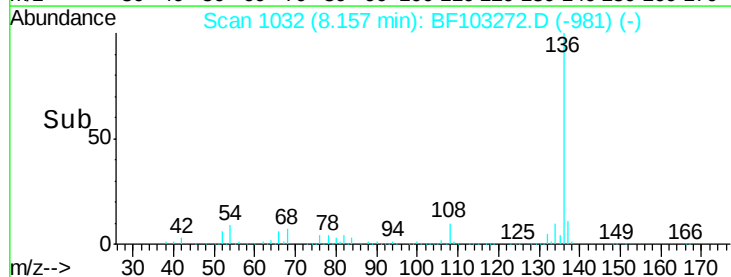
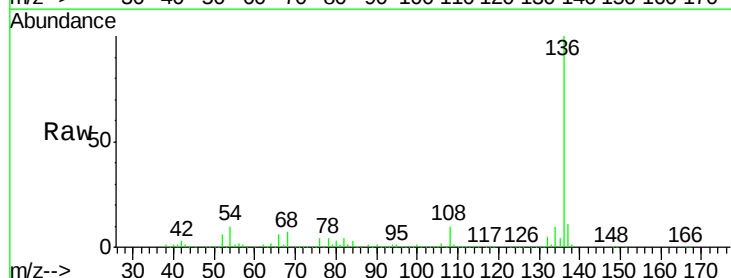
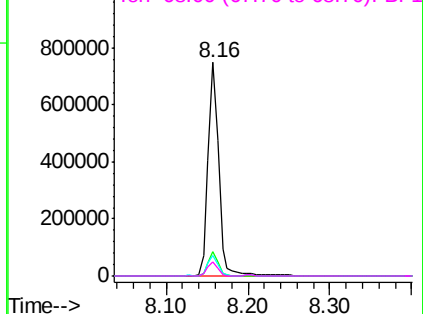
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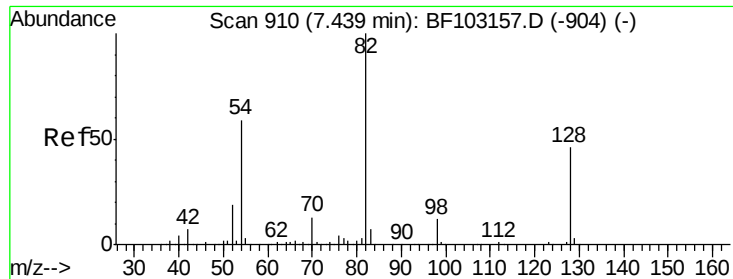
Acq: 27 Feb 2018 19:21

Tgt Ion: 136 Resp: 678540

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	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

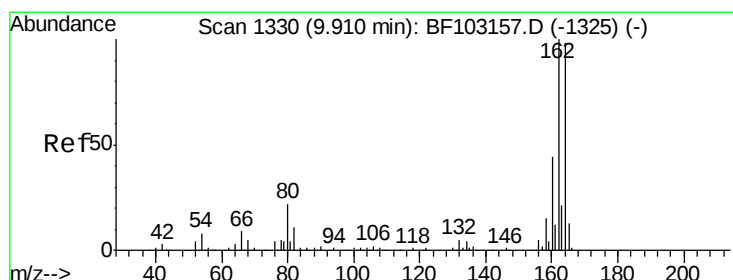
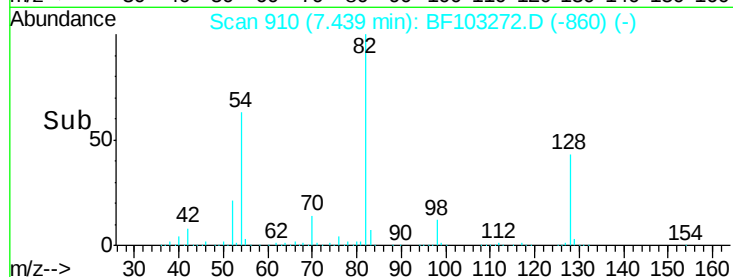
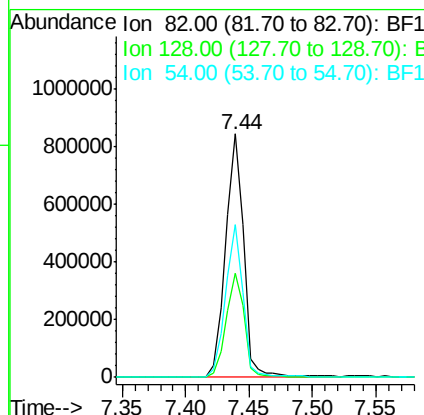
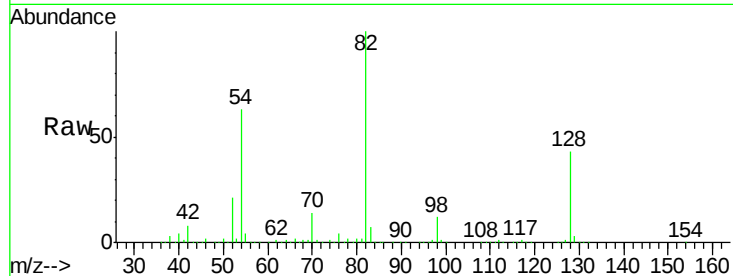




#23
Nitrobenzene-d5
Concen: 71.170 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

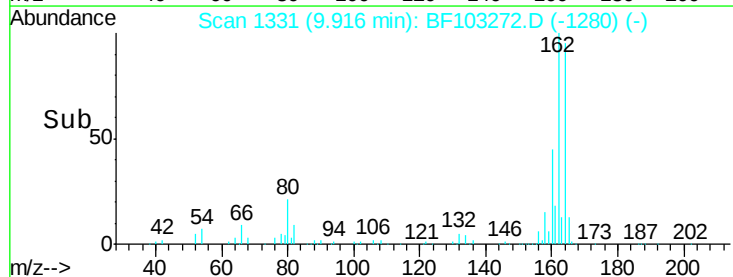
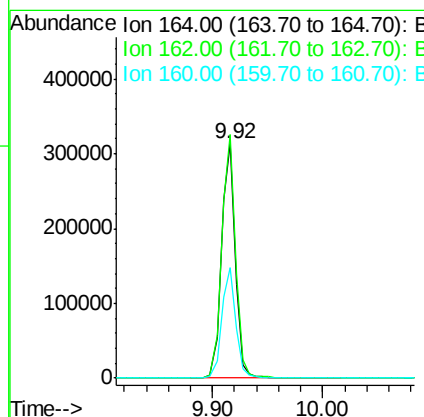
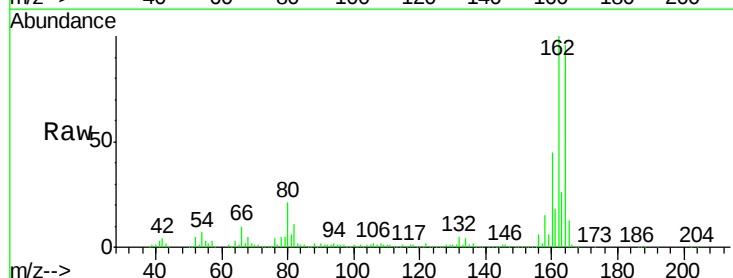
Instrument :
BNA_F
ClientSampleId :
EO-02-022618-B

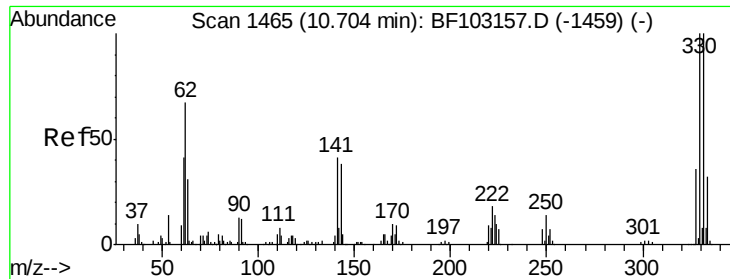
Tot Ion: 82 Resp: 845612
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 62.6 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

Tgt Ion:164 Resp: 272951
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 47.2 38.3 57.5

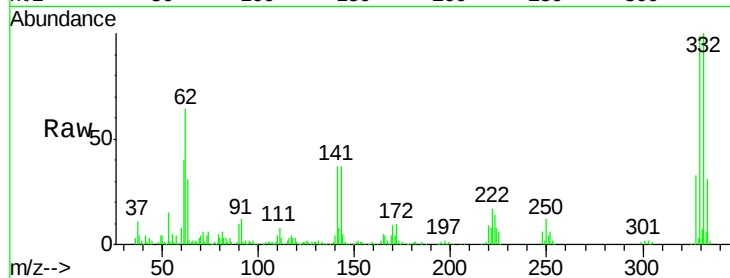




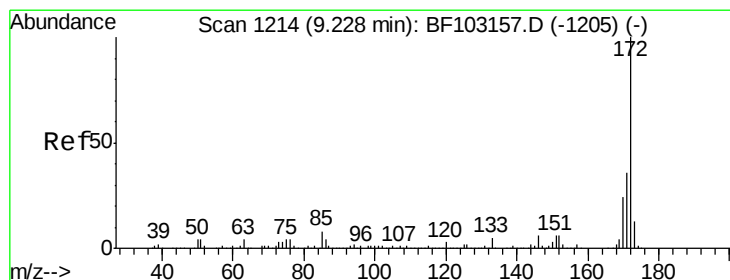
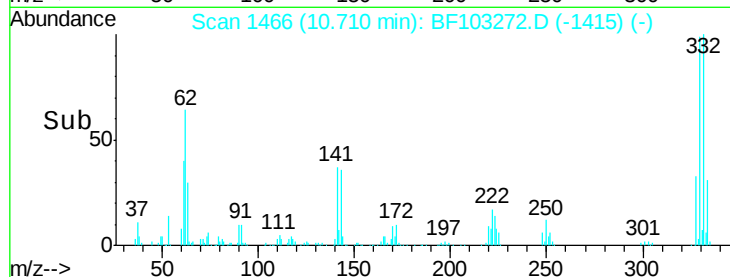
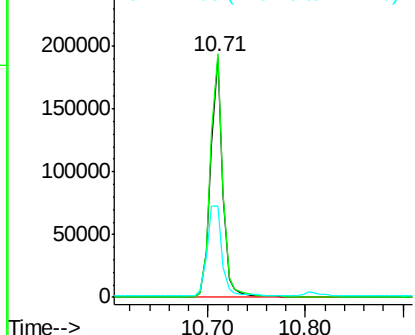
#41
 2,4,6-Tribromophenol
 Concen: 72.342 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103272.D
 Acq: 27 Feb 2018 19:21

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-022618-B

Tot Ion:330 Resp: 167137
 Ion Ratio Lower Upper
 330 100
 332 103.7 77.0 115.6
 141 45.6 29.9 44.9#

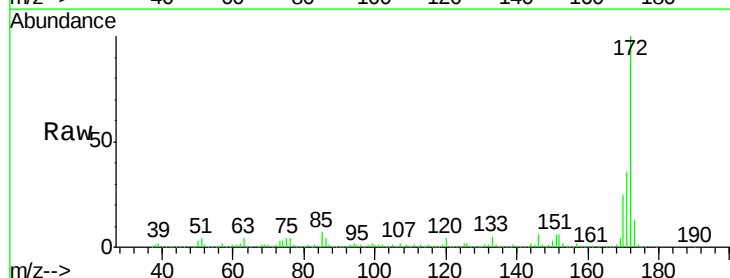


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

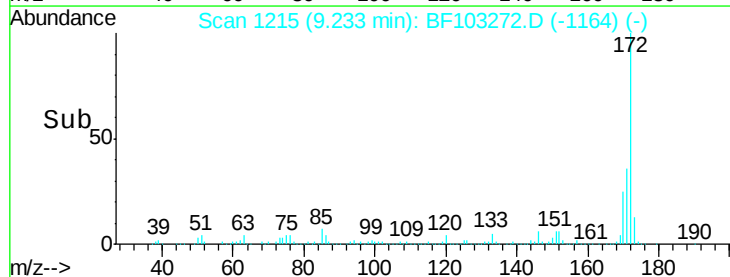
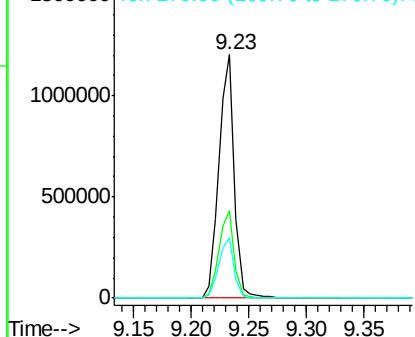


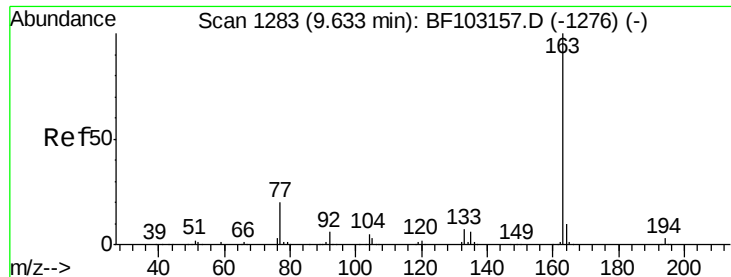
#44
 2-Fluorobiphenyl
 Concen: 66.565 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103272.D
 Acq: 27 Feb 2018 19:21

Tgt Ion:172 Resp: 1111483
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.7 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

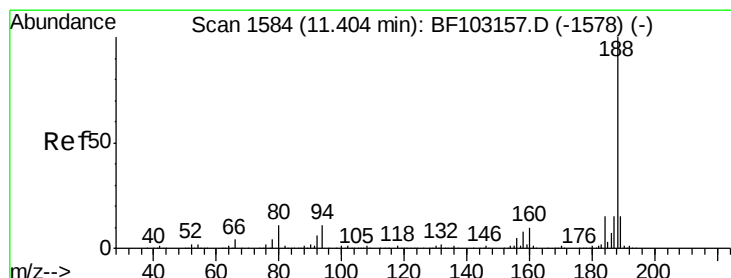
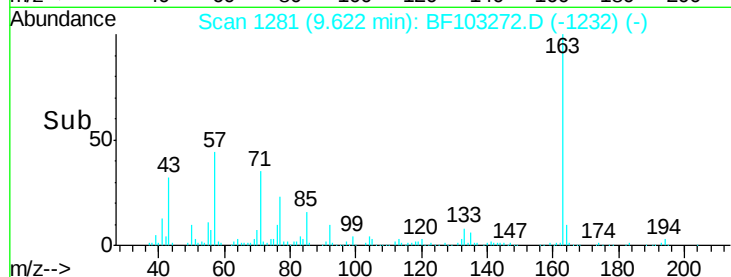
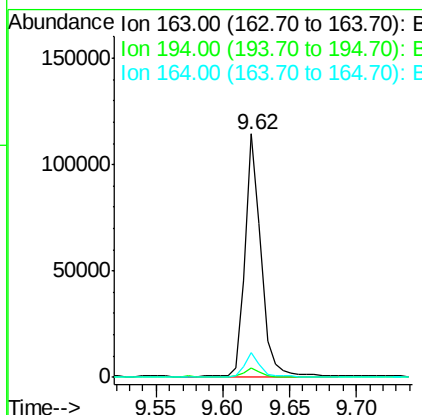
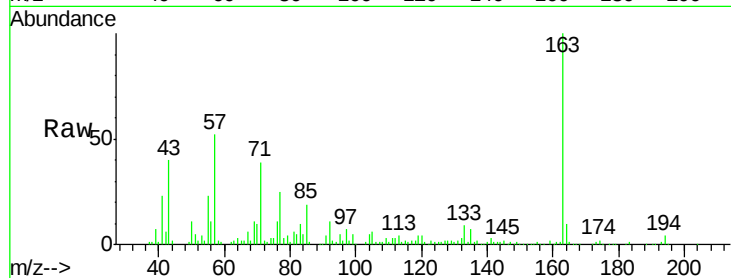




#49
Dimethylphthalate
Concen: 4.290 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

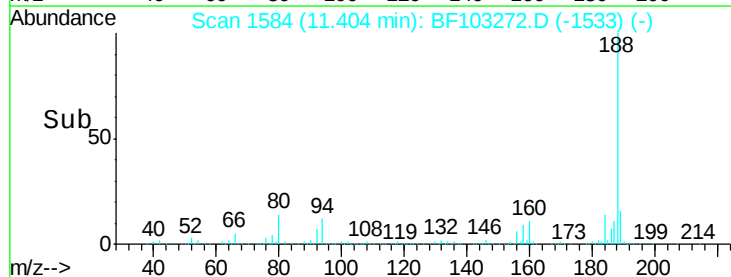
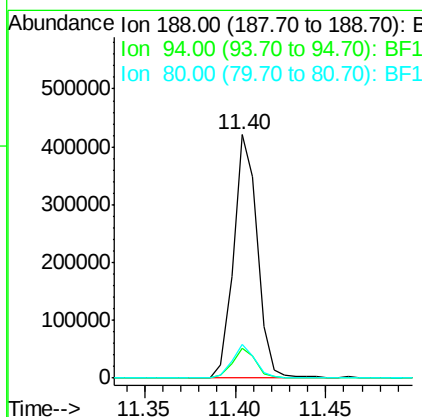
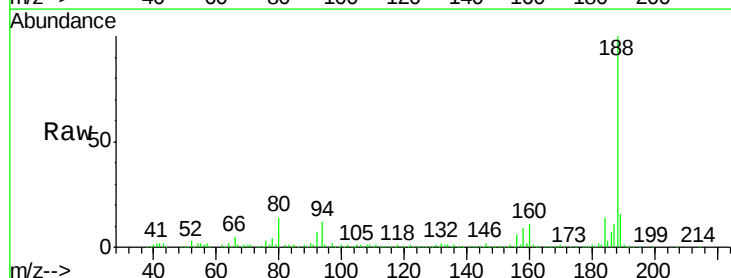
Instrument :
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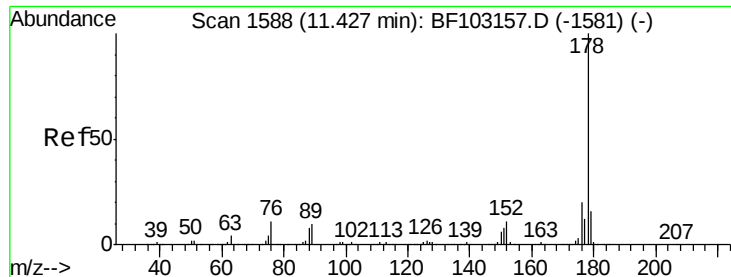
Tot Ion:163 Resp: 93946
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103272.D
Acq: 27 Feb 2018 19:21

Tgt Ion:188 Resp: 385176
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.8 9.2 13.8





#70

Phenanthrene

Concen: 2.707 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

Instrument :

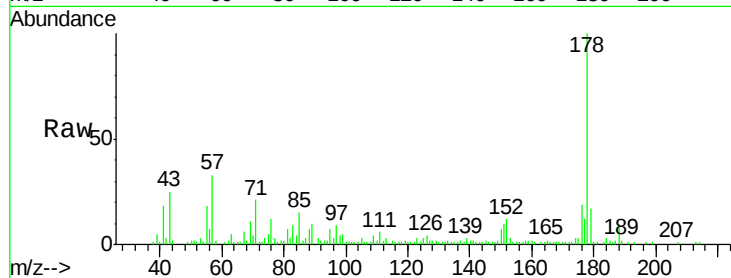
BNA_F

ClientSampleId :

EO-02-022618-B

Tot Ion:178 Resp: 57387

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.8	13.0	19.6

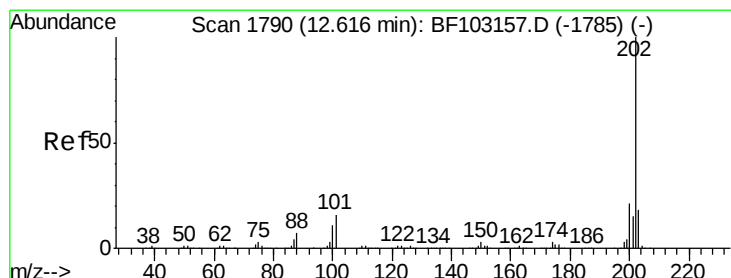
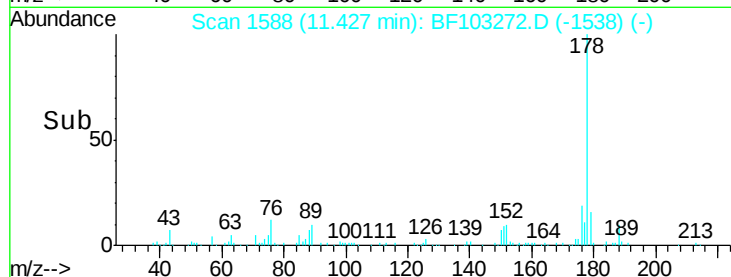
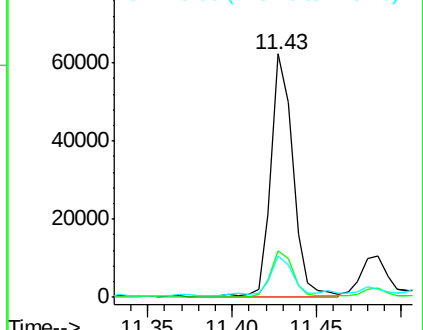


Abundance

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



#74

Fluoranthene

Concen: 2.420 ng

RT: 12.63 min Scan# 1792

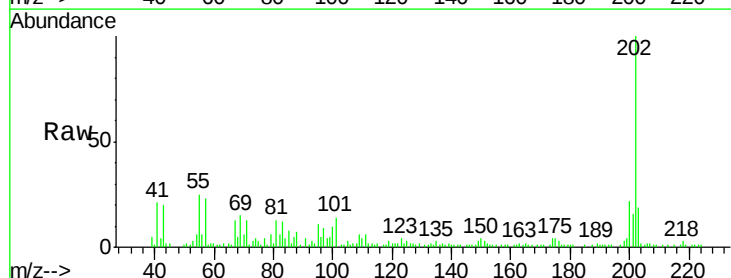
Delta R.T. 0.01 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

Tgt Ion:202 Resp: 51547

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	18.7	0.0	38.1

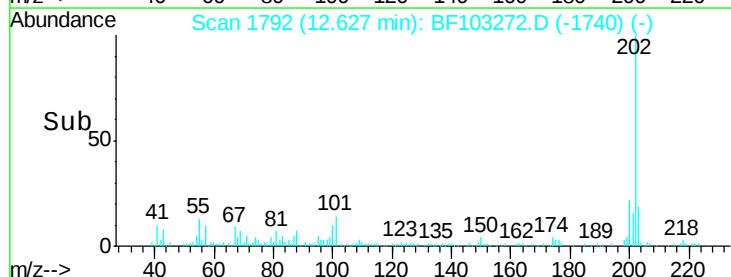
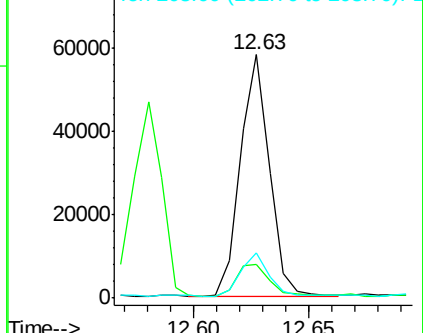


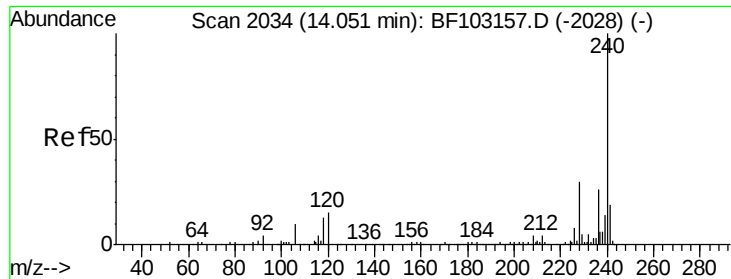
Abundance

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: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

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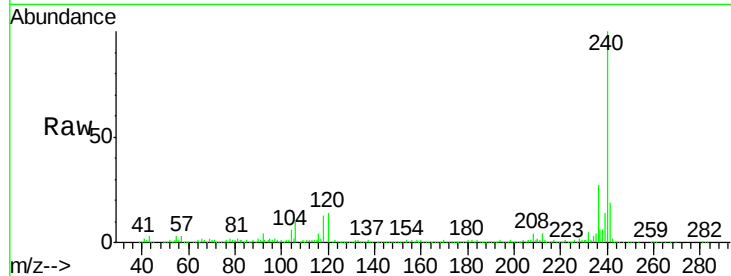
Tot Ion:240 Resp: 286049

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

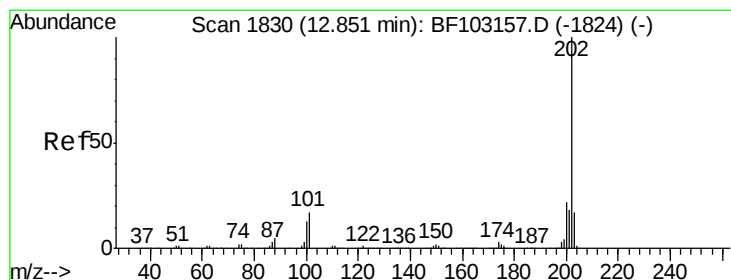
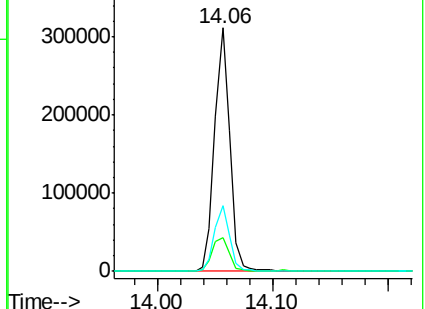
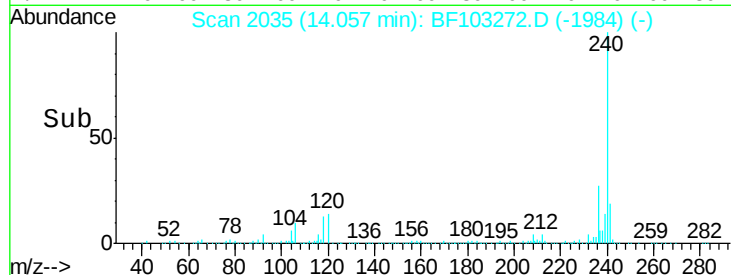
236 26.9 20.7 31.1



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



#77

Pyrene

Concen: 2.678 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

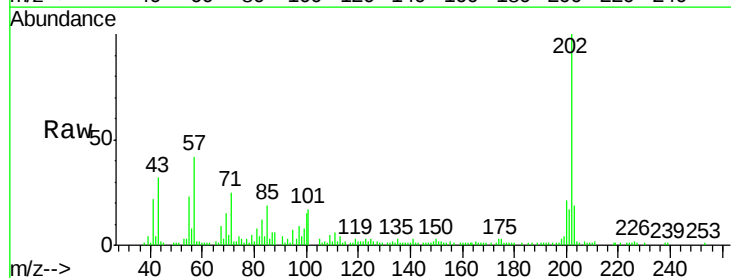
Tgt Ion:202 Resp: 59733

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

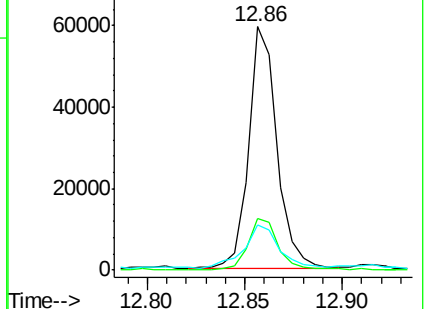
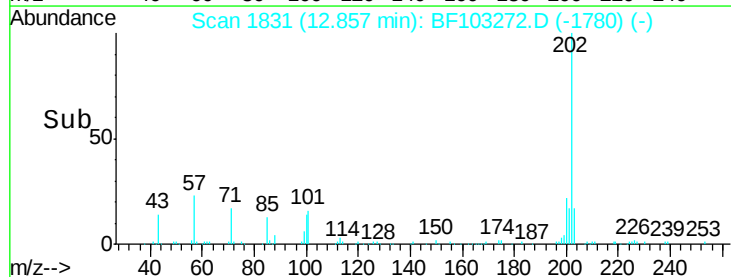
203 18.6 14.3 21.5

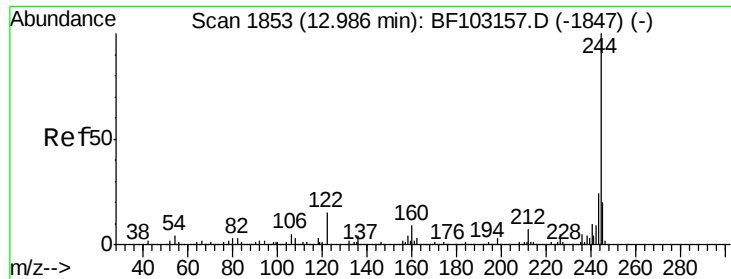


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 60.139 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

Instrument :

BNA_F

ClientSampleId :

EO-02-022618-B

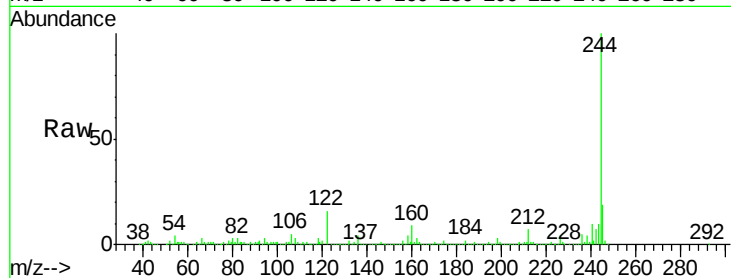
Tot Ion:244 Resp: 715625

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

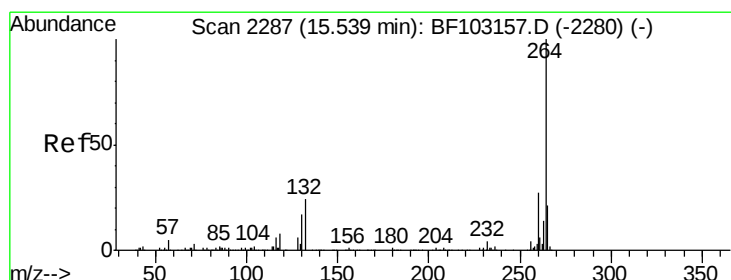
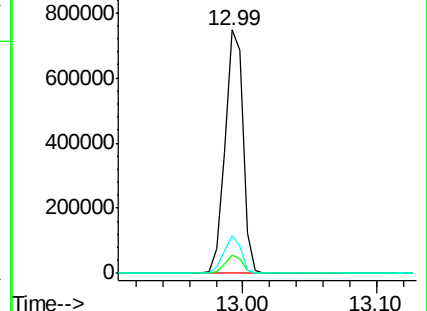
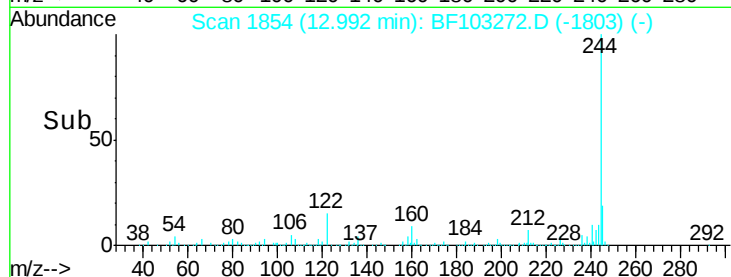
122 15.6 11.0 16.4



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: 15.56 min Scan# 2290

Delta R.T. -0.00 min

Lab File: BF103272.D

Acq: 27 Feb 2018 19:21

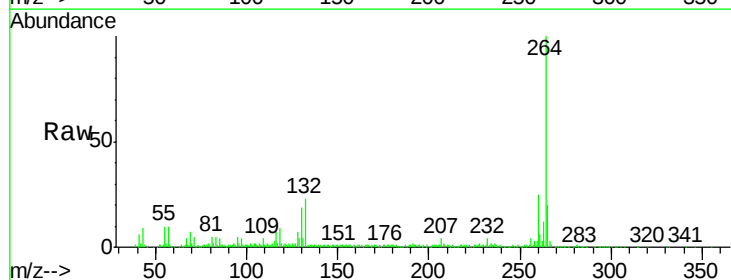
Tgt Ion:264 Resp: 207084

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 20.4 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

