

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103002.D
 Acq On : 14 Feb 2018 21:02
 Operator : SJ/JU
 Sample : J1539-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-2-NW-(4-6)

Quant Time: Feb 15 01:25:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

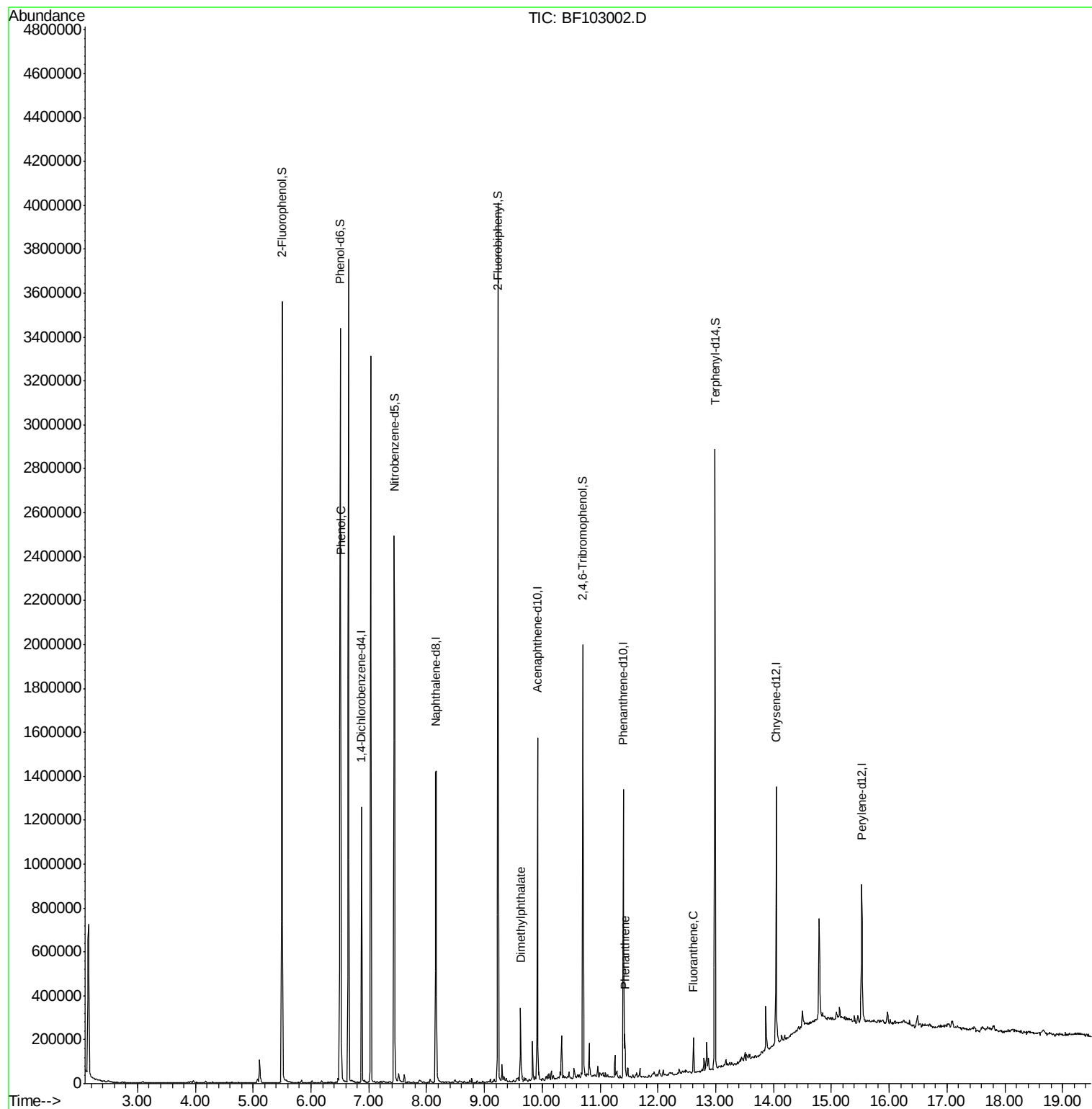
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170232	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	698543	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	278125	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	423095	20.00	ng	0.00
75) Chrysene-d12	14.04	240	344533	20.00	ng	0.00
86) Perylene-d12	15.53	264	267844	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1078060	96.18	ng	0.02
7) Phenol-d6	6.51	99	1292884	95.79	ng	0.01
23) Nitrobenzene-d5	7.44	82	814422	80.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	208113	92.97	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1177786	70.27	ng	0.00
78) Terphenyl-d14	12.99	244	944267	64.89	ng	0.00
Target Compounds						
10) Phenol	6.52	94	106743	7.380	ng	98
49) Dimethylphthalate	9.62	163	119194	5.496	ng	98
70) Phenanthrene	11.43	178	57449	2.438	ng	97
74) Fluoranthene	12.62	202	56219	2.371	ng	98

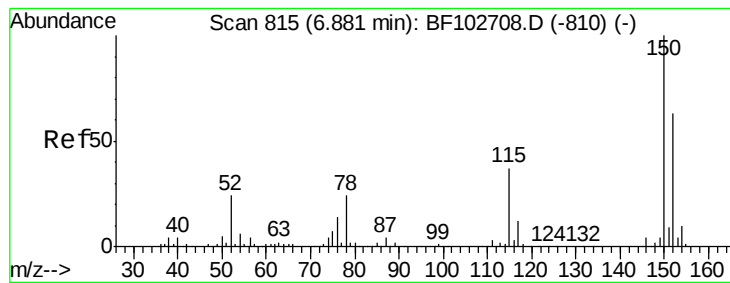
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF103002.D
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Sample : J1539-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(4-6)

Quant Time: Feb 15 01:25:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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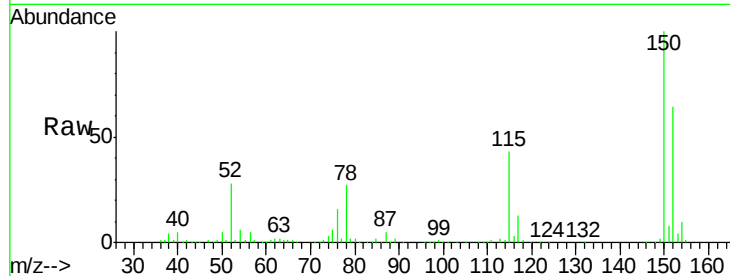


#1

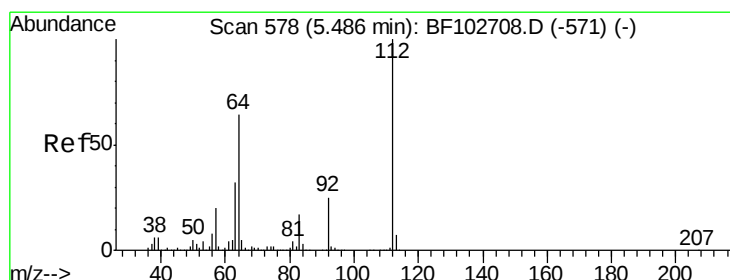
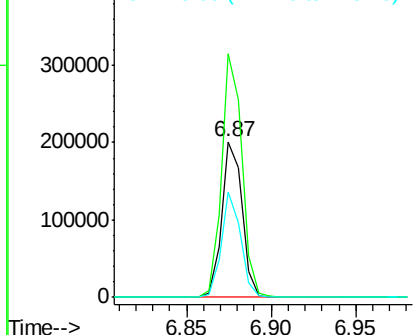
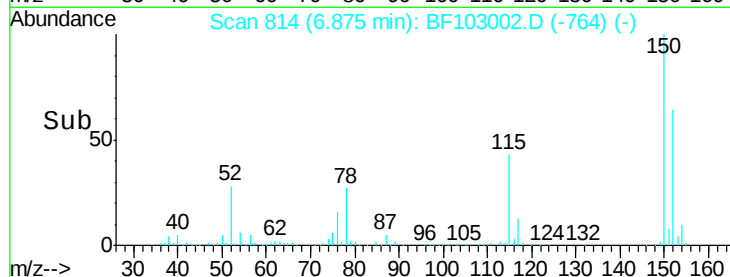
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-2-NW-(4-6)

Tot Ion:152 Resp: 170232
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 67.2 50.1 75.1



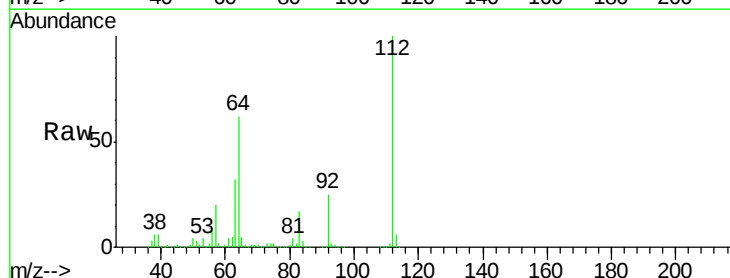
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



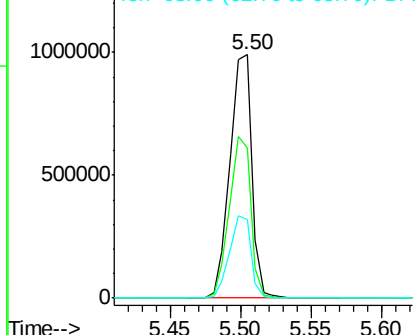
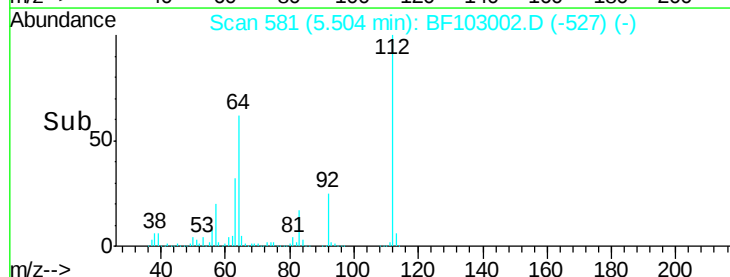
#5

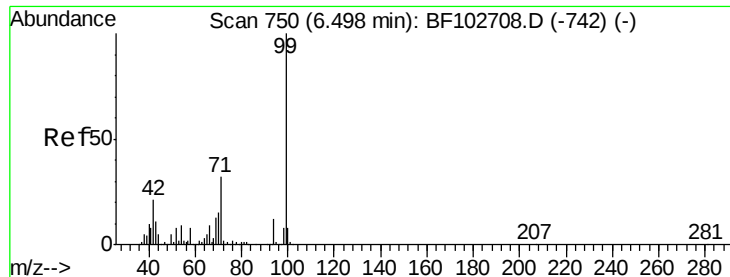
2-Fluorophenol
Concen: 96.175 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

Tgt Ion:112 Resp: 1078060
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 32.0 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: 95.792 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-2-NW-(4-6)

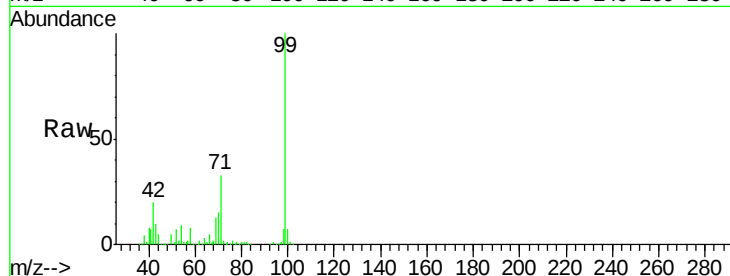
Tot Ion: 99 Resp: 1292884

Ion Ratio Lower Upper

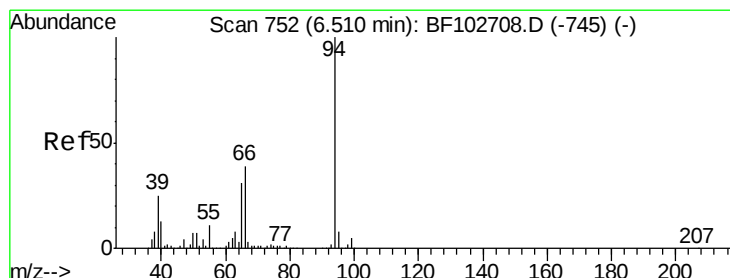
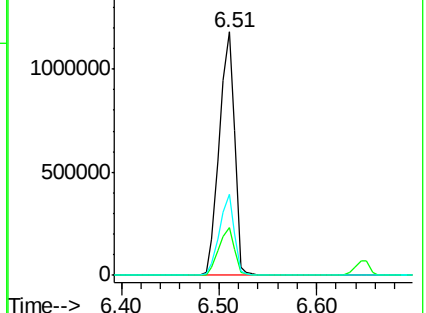
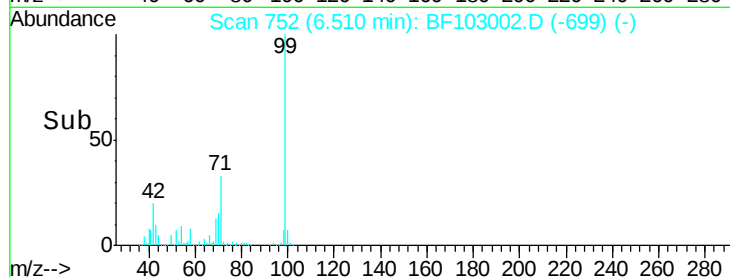
99 100

42 19.9 14.5 21.7

71 33.2 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



#10

Phenol

Concen: 7.380 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

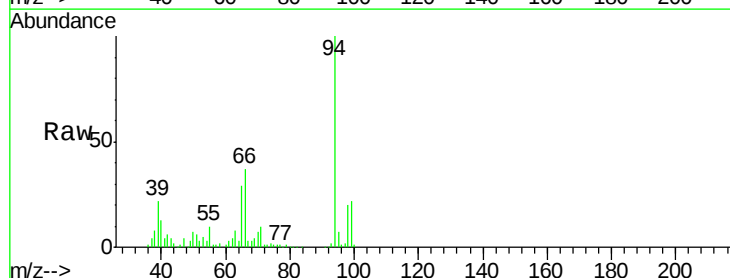
Tgt Ion: 94 Resp: 106743

Ion Ratio Lower Upper

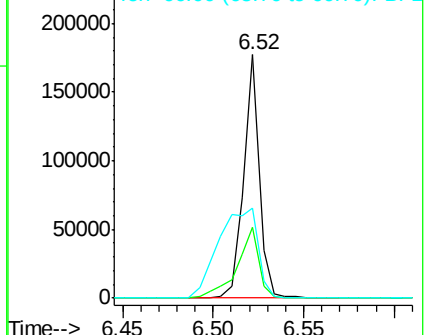
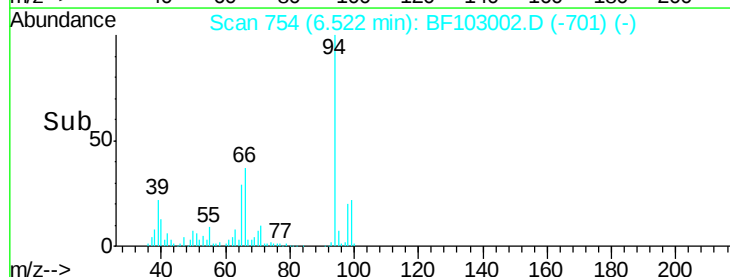
94 100

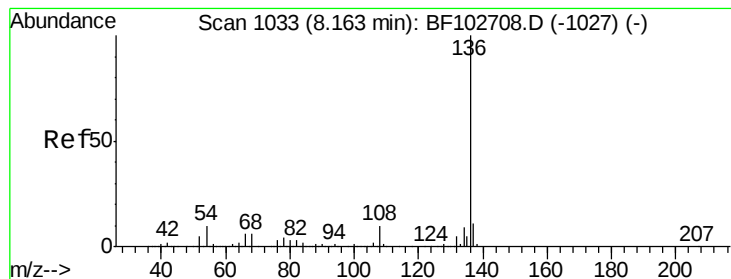
65 28.9 7.9 47.9

66 37.2 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-2-NW-(4-6)

Tot Ion:136 Resp: 698543

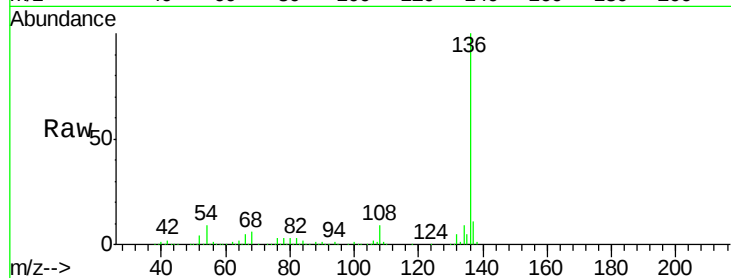
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.6 6.6 9.8

68 5.9 5.0 7.4

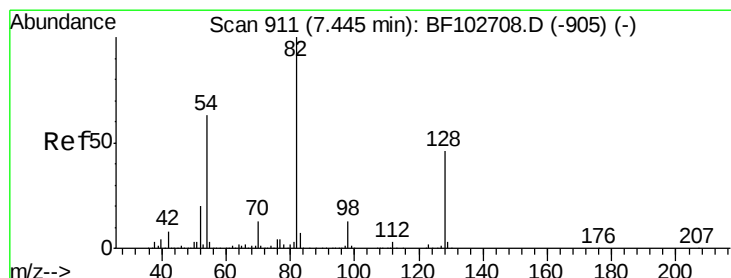
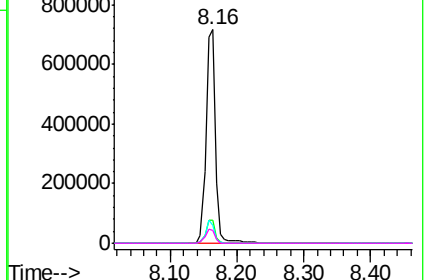
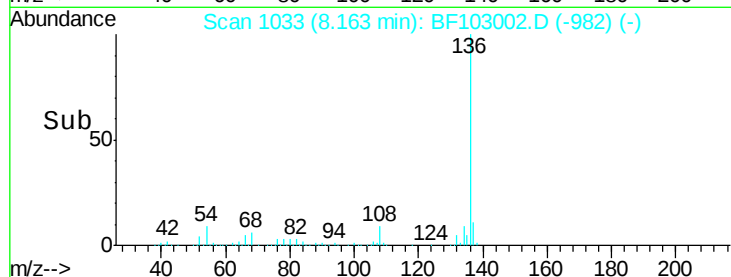


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.878 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

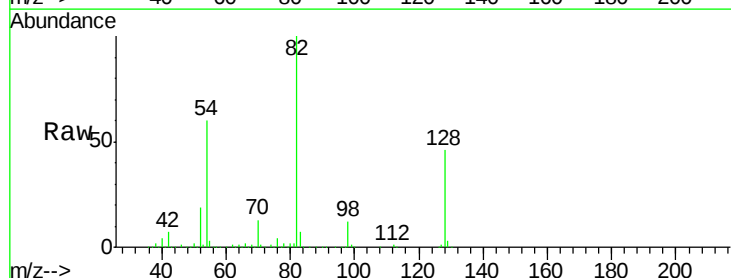
Tgt Ion: 82 Resp: 814422

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

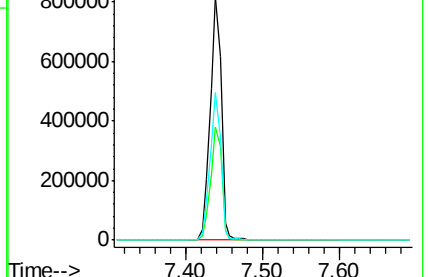
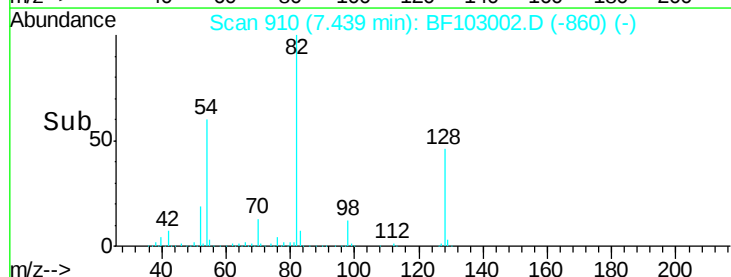
54 60.4 41.4 62.2

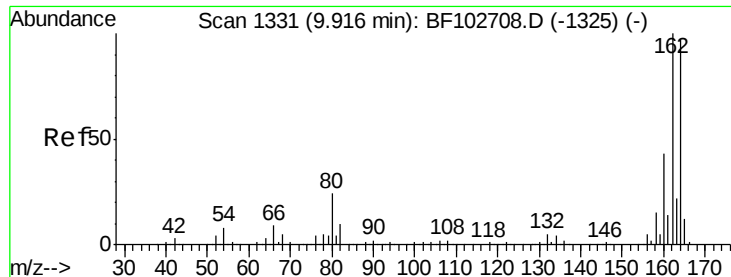


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

Instrument :

BNA_F

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4-15-TRENCH-2-NW-(4-6)

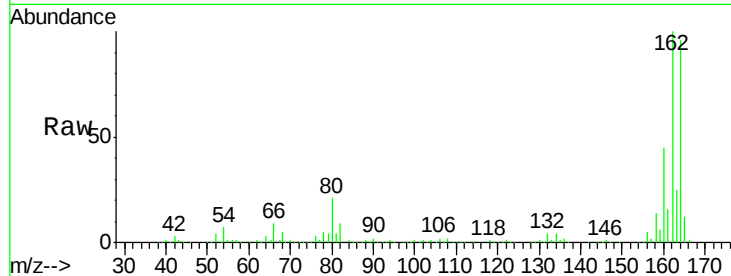
Tot Ion:164 Resp: 278125

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

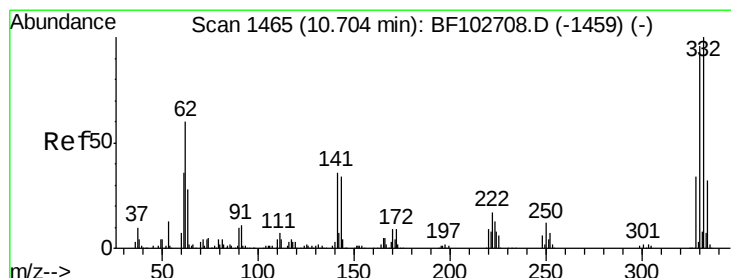
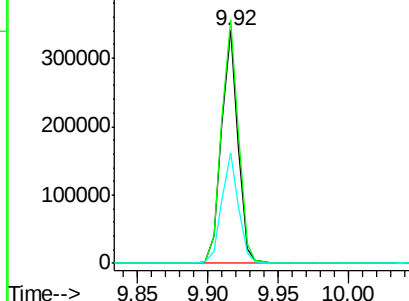
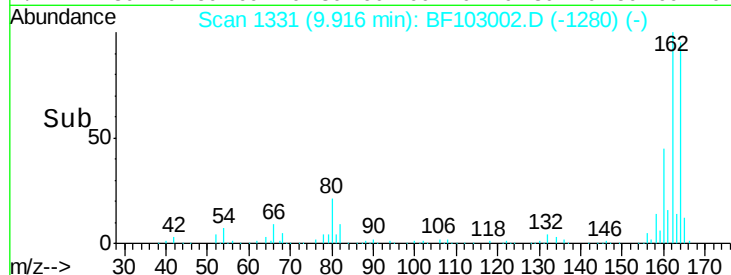
160 47.3 38.3 57.5



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: 92.966 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

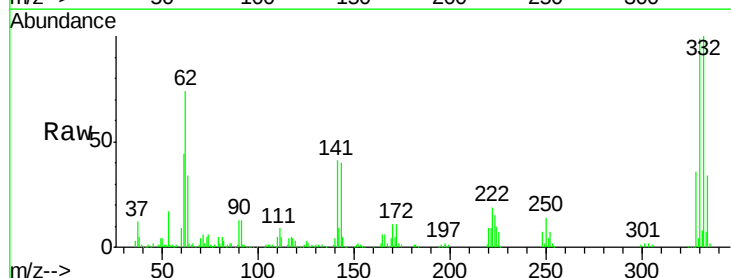
Tgt Ion:330 Resp: 208113

Ion Ratio Lower Upper

330 100

332 102.2 77.0 115.6

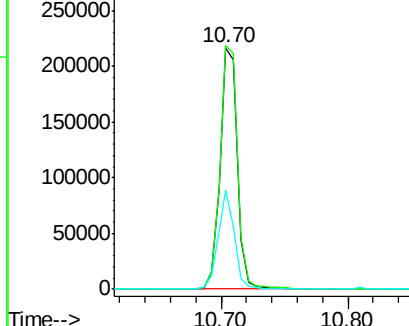
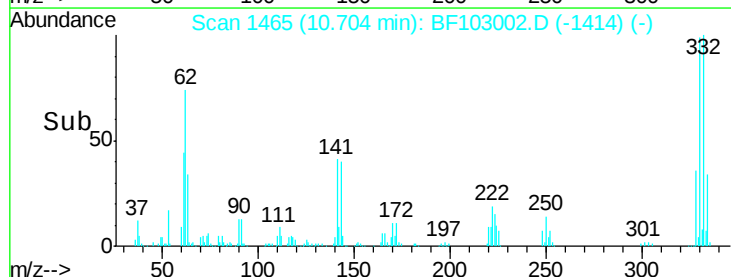
141 38.2 29.9 44.9

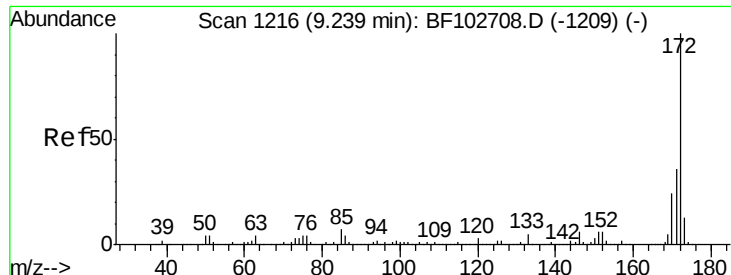


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

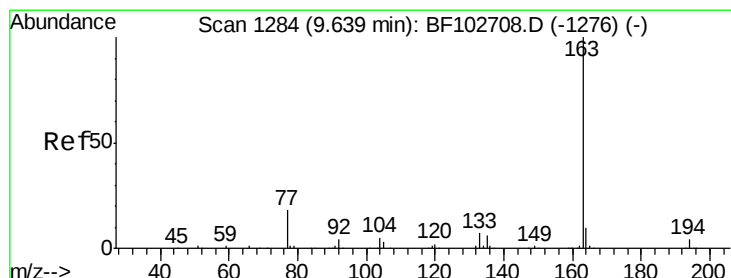
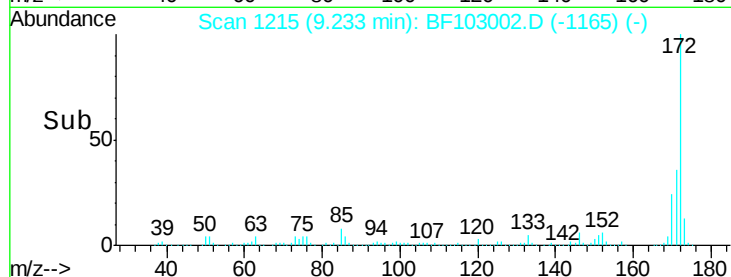
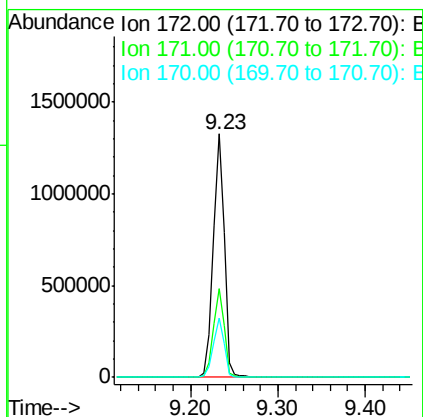
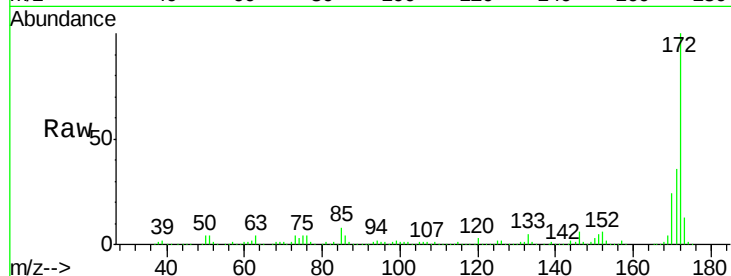




#44
2-Fluorobiphenyl
Concen: 70.269 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

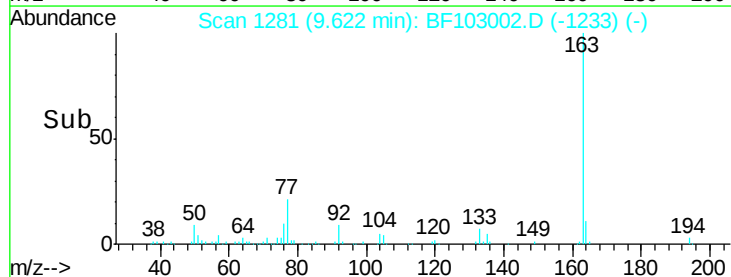
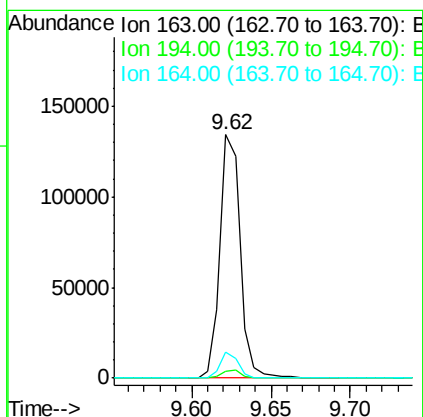
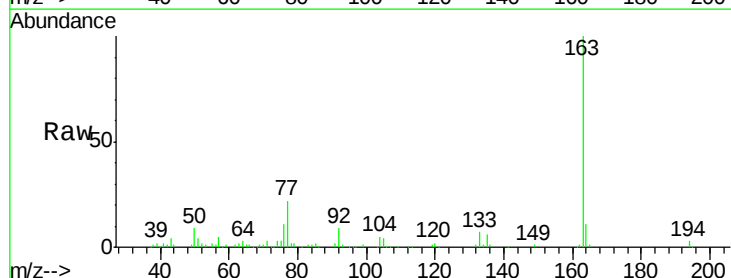
Instrument :
BNA_F
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4-15-TRENCH-2-NW-(4-6)

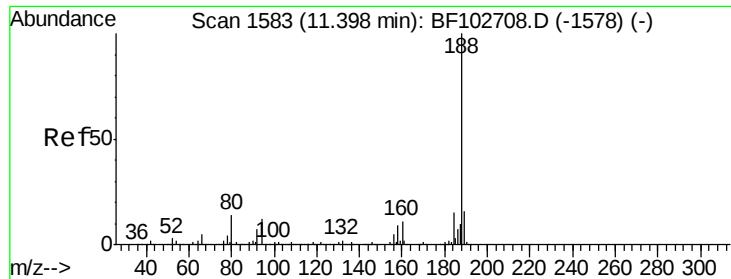
Tot Ion:172 Resp: 1177786
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4



#49
Dimethylphthalate
Concen: 5.496 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

Tgt Ion:163 Resp: 119194
Ion Ratio Lower Upper
163 100
194 2.8 2.7 4.1
164 10.8 8.2 12.2

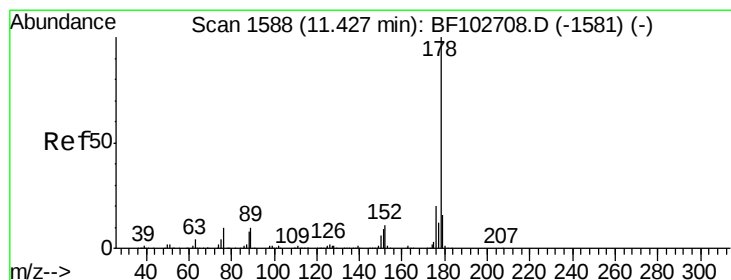
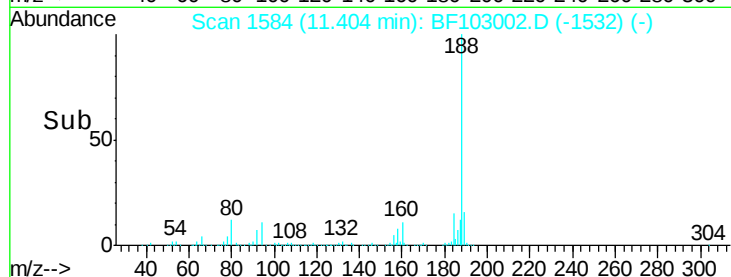
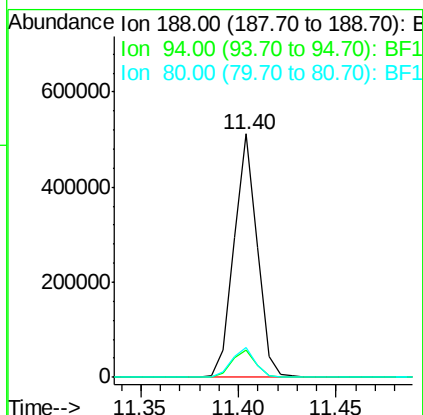
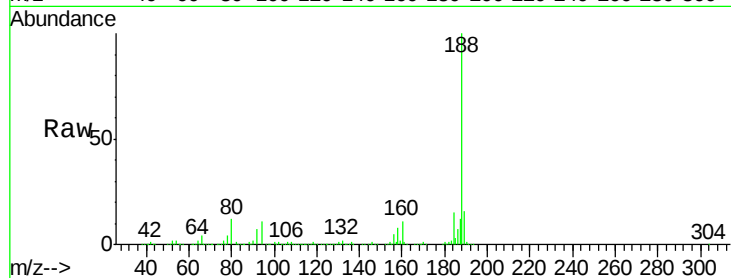




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

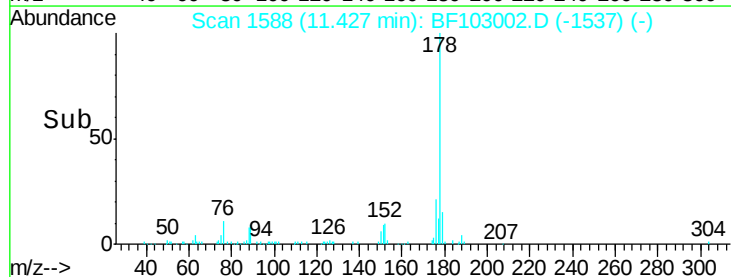
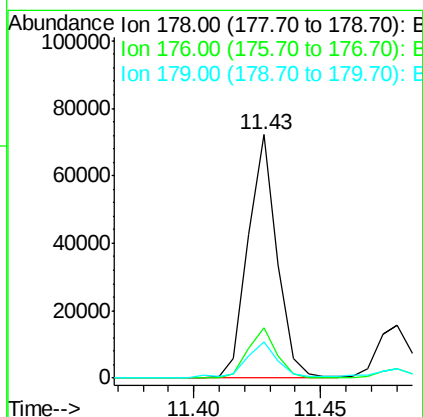
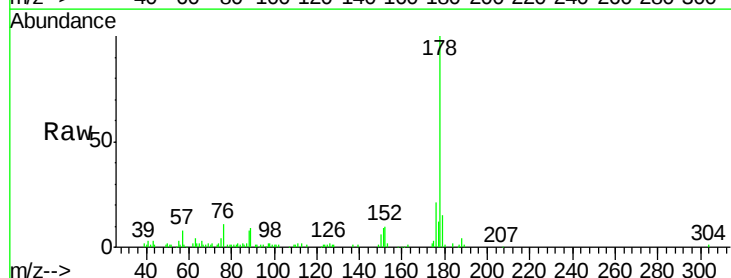
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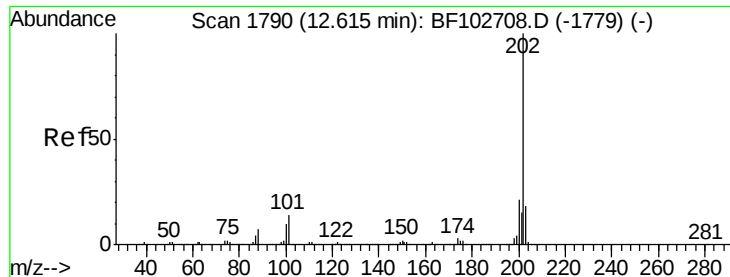
Tot Ion:188 Resp: 423095
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#70
Phenanthrene
Concen: 2.438 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103002.D
Acq: 14 Feb 2018 21:02

Tgt Ion:178 Resp: 57449
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.8
179 15.0 13.0 19.6





#74

Fluoranthene

Concen: 2.371 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

Instrument:

BNA_F

ClientSampleId:

4-15-TRENCH-2-NW-(4-6)

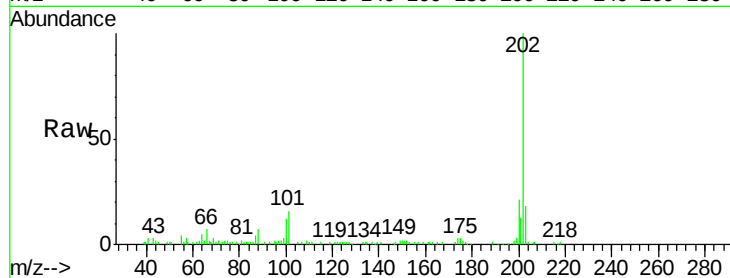
Tot Ion:202 Resp: 56219

Ion Ratio Lower Upper

202 100

101 15.7 0.0 34.1

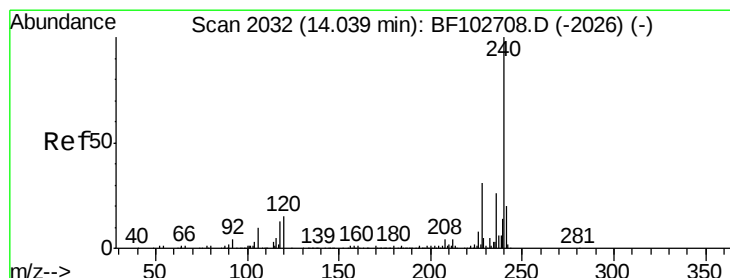
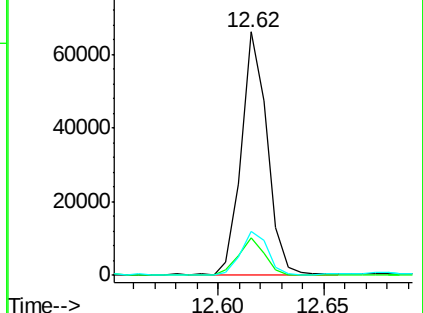
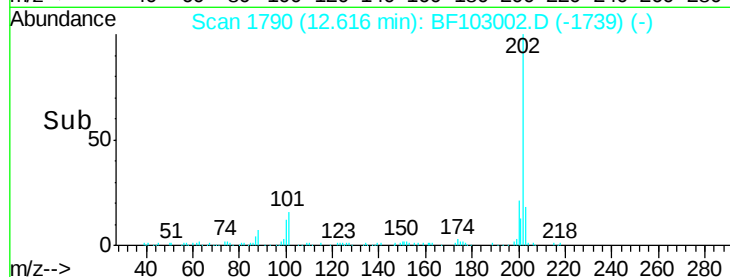
203 18.2 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

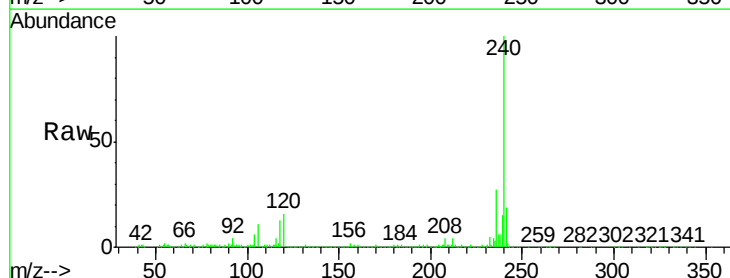
Tgt Ion:240 Resp: 344533

Ion Ratio Lower Upper

240 100

120 15.5 9.5 14.3#

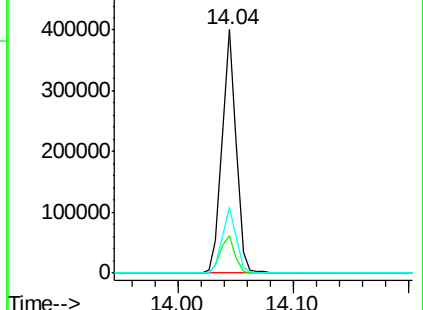
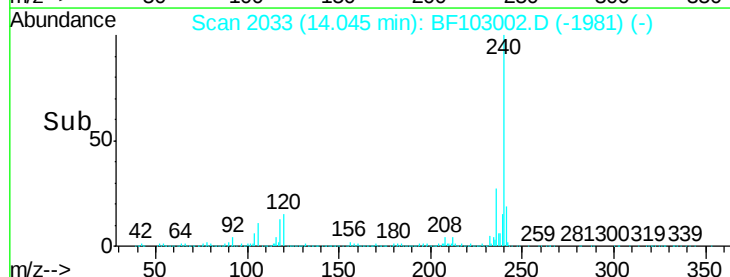
236 27.1 20.7 31.1

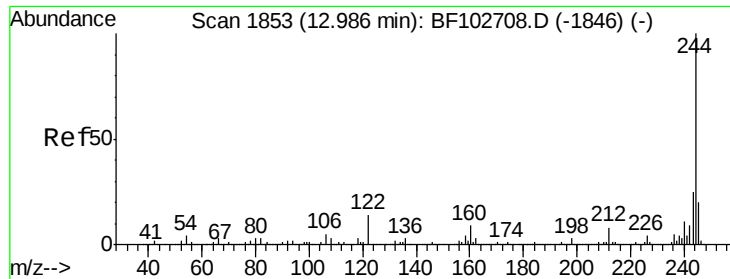


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.894 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-2-NW-(4-6)

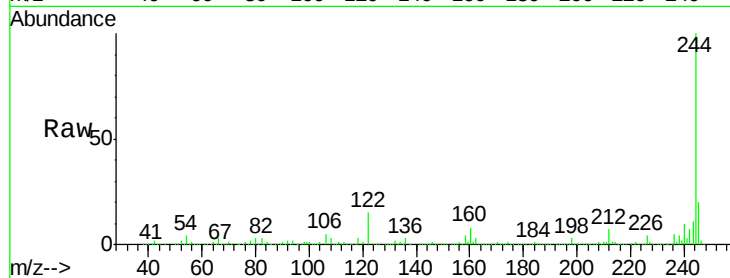
Tot Ion:244 Resp: 944267

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

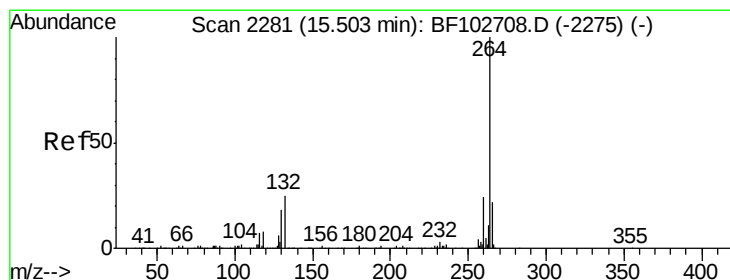
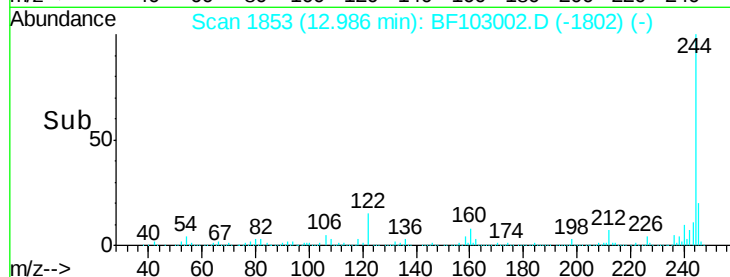
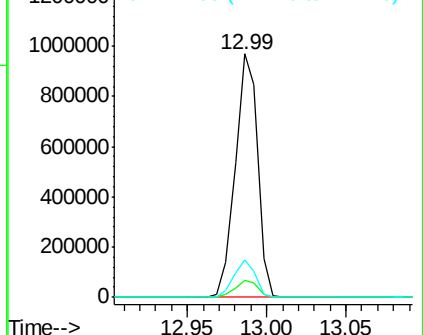
122 15.2 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF103002.D

Acq: 14 Feb 2018 21:02

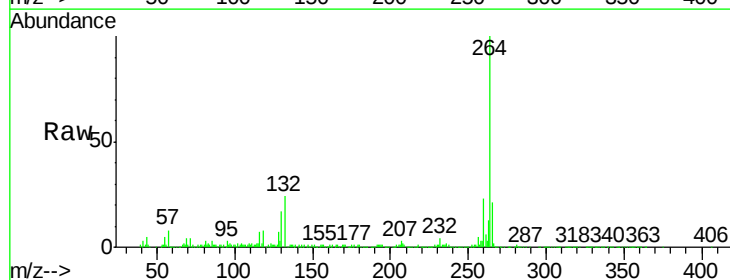
Tgt Ion:264 Resp: 267844

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.1 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

