

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104455.D
 Acq On : 12 Apr 2018 17:09
 Operator : JU/SJ
 Sample : J2162-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-041118-B

Quant Time: Apr 13 00:26:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

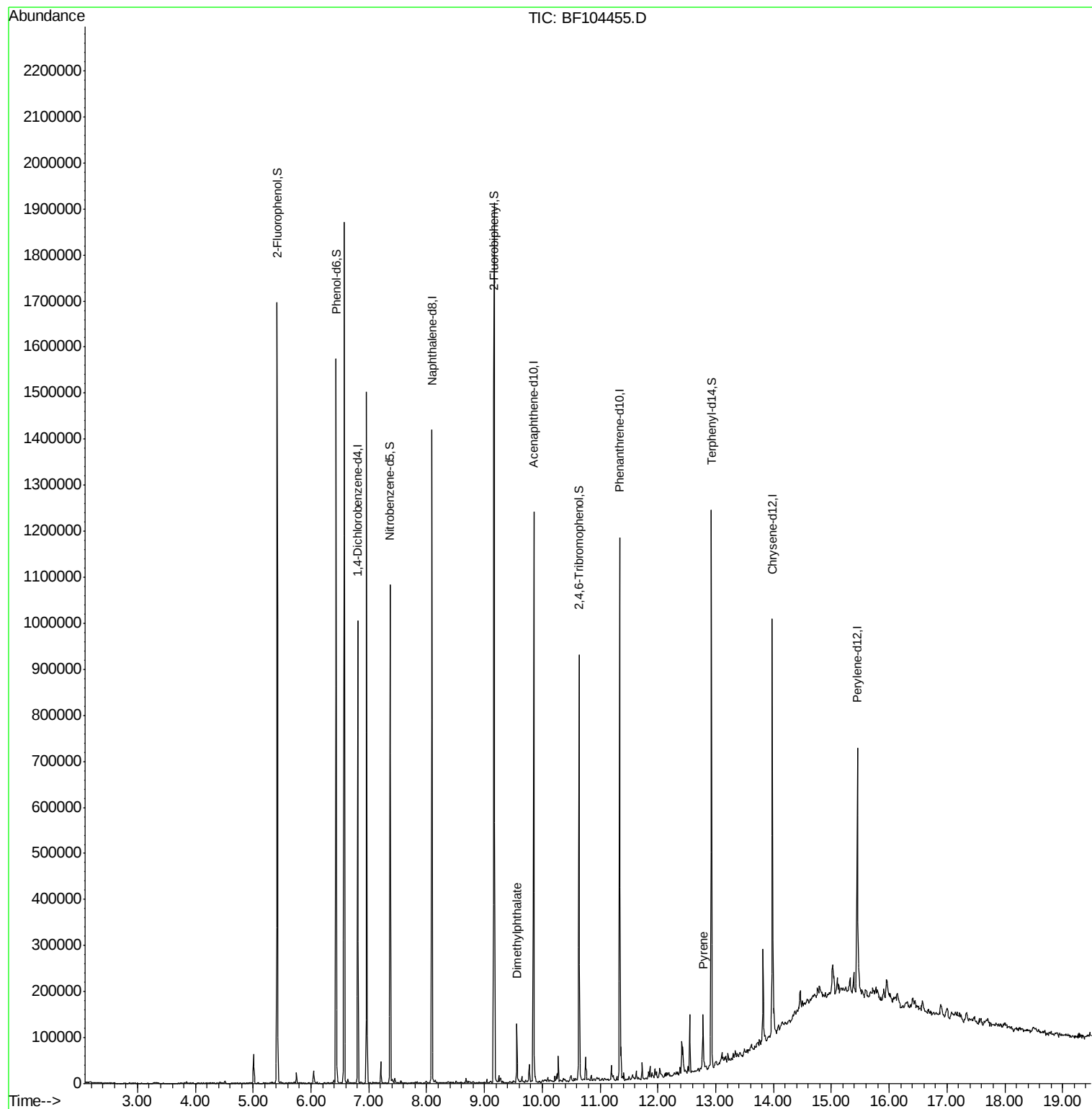
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	568511	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244321	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	379063	20.00	ng	0.00
75) Chrysene-d12	13.98	240	285056	20.00	ng	-0.01
86) Perylene-d12	15.45	264	233238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	457665	50.08	ng	0.00
7) Phenol-d6	6.43	99	552682	49.22	ng	-0.01
23) Nitrobenzene-d5	7.37	82	331882	38.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	113267	44.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	551759	35.68	ng	0.00
78) Terphenyl-d14	12.93	244	405852	32.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	47971	2.490	ng	99
77) Pyrene	12.78	202	43365	2.052	ng	98

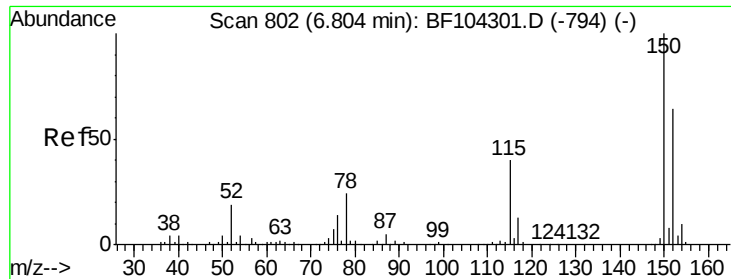
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

Instrument :

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ClientSampleId :

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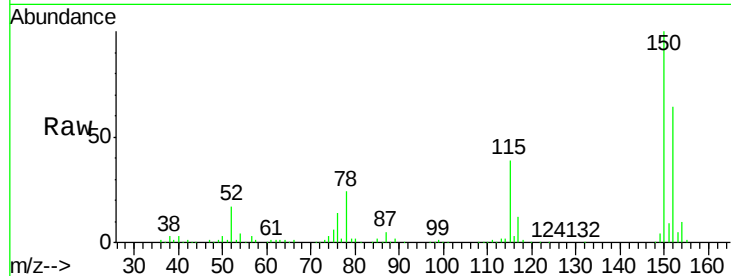
Tot Ion:152 Resp: 139744

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

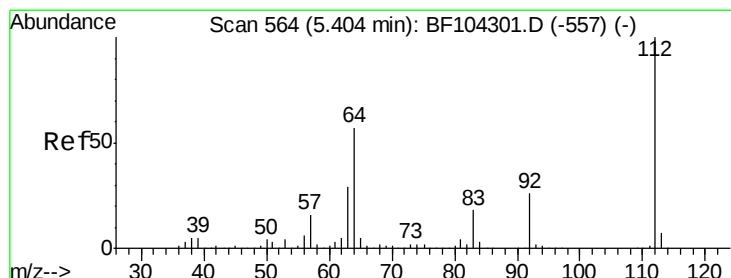
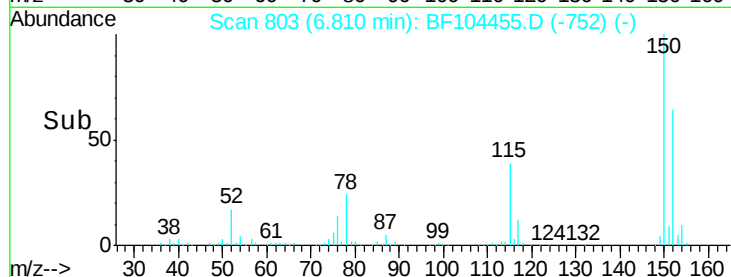
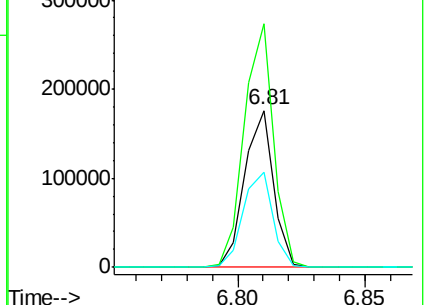
115 61.0 50.1 75.1



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: 50.077 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

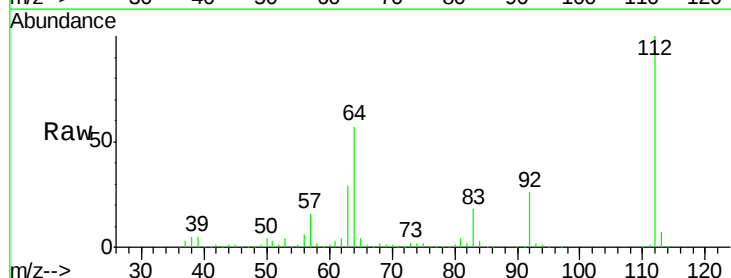
Tgt Ion:112 Resp: 457665

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

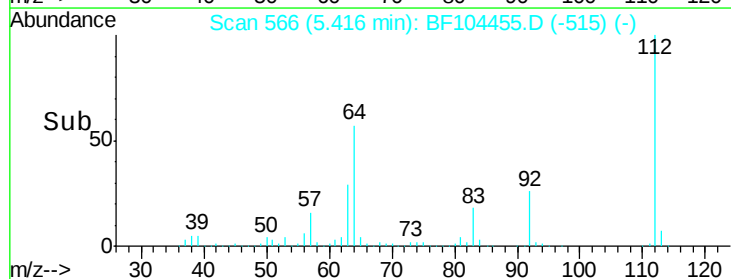
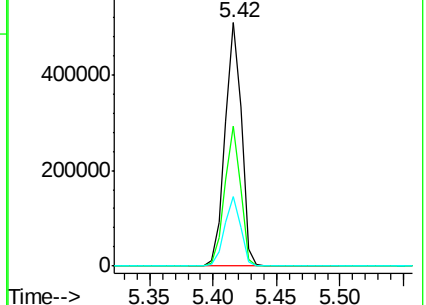
63 28.6 23.7 35.5



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: 49.219 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

Instrument :

BNA_F

ClientSampleId :

EO-01-041118-B

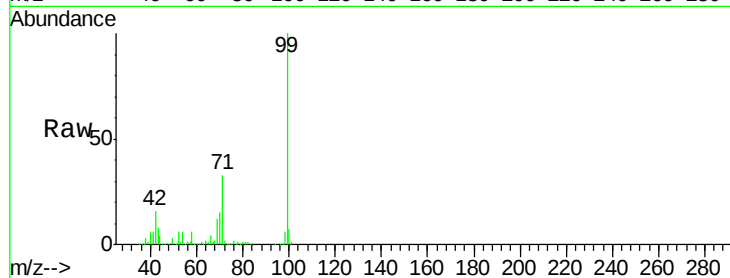
Tot Ion: 99 Resp: 552682

Ion Ratio Lower Upper

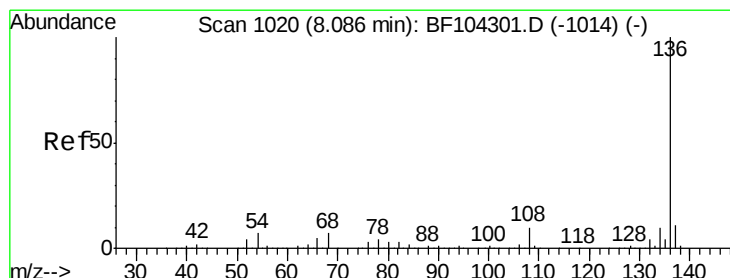
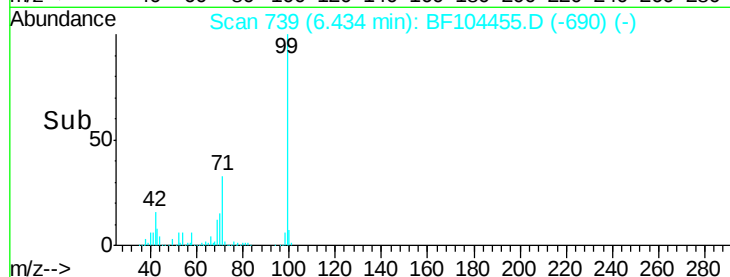
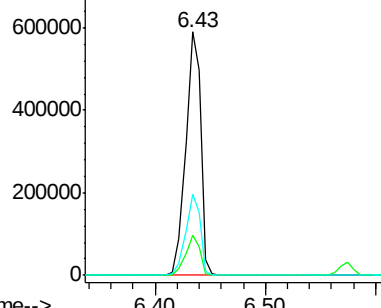
99 100

42 16.4 14.5 21.7

71 33.4 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

Tgt Ion: 136 Resp: 568511

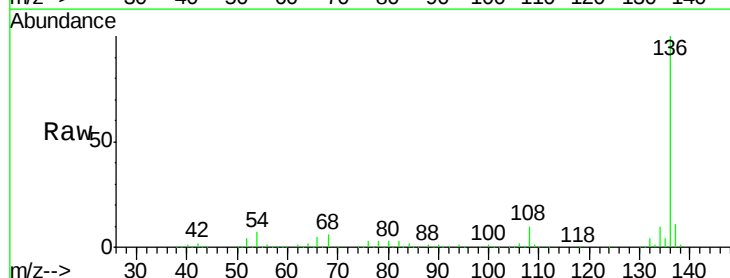
Ion Ratio Lower Upper

136 100

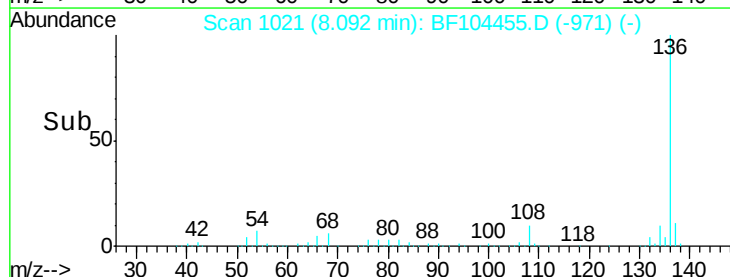
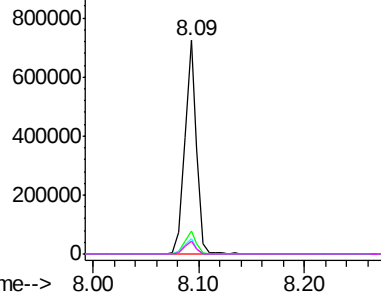
137 10.8 8.9 13.3

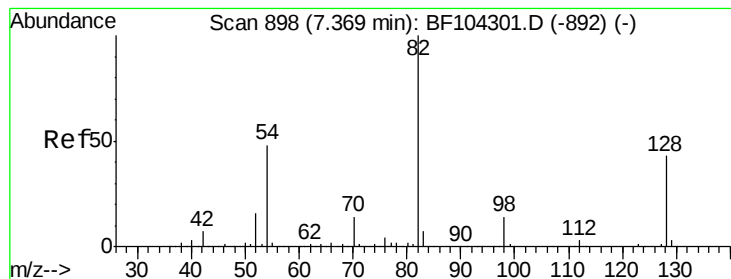
54 7.0 6.6 9.8

68 5.8 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: 38.119 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

Instrument :

BNA_F

ClientSampleId :

EO-01-041118-B

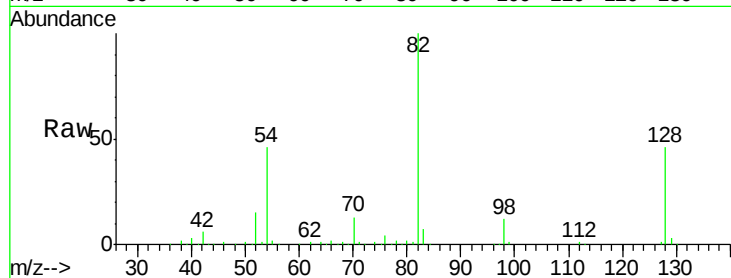
Tot Ion: 82 Resp: 331882

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

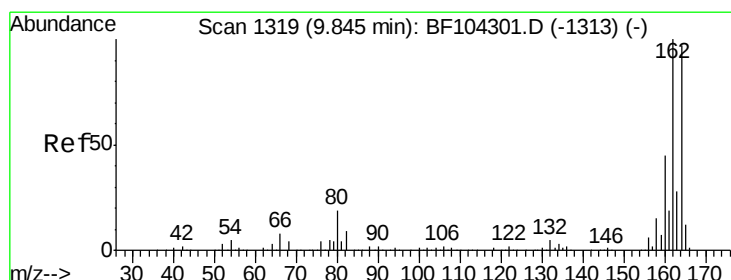
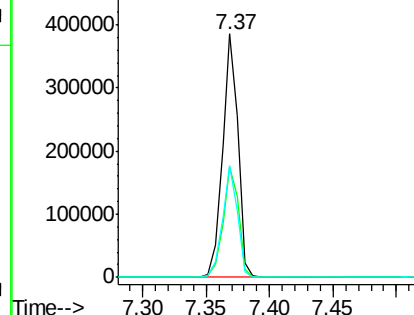
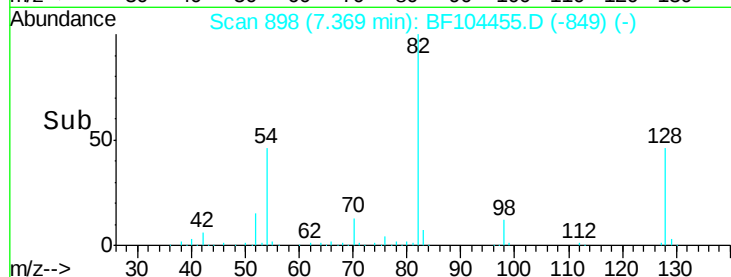
54 45.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

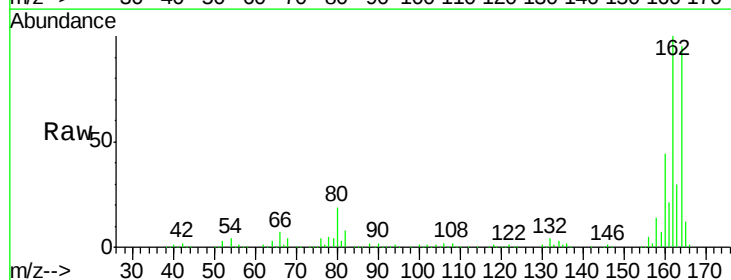
Tgt Ion: 164 Resp: 244321

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

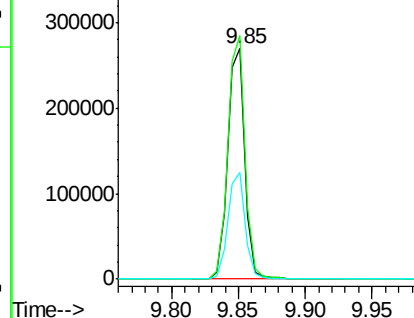
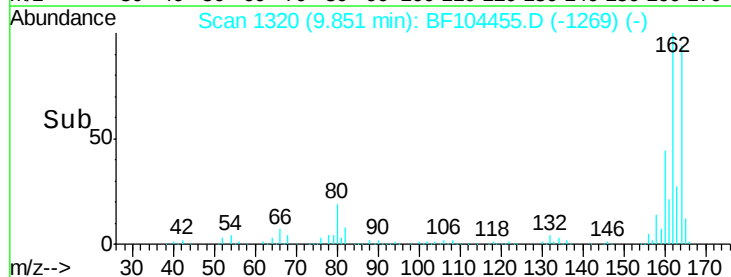
160 46.2 38.3 57.5

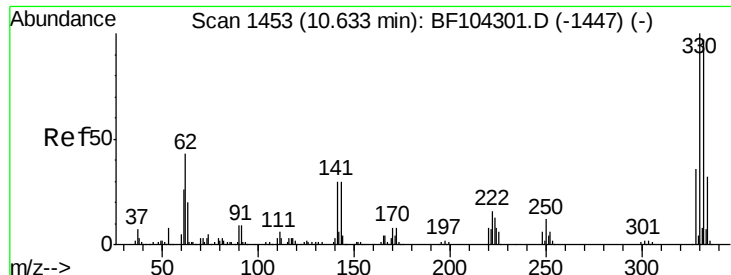


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

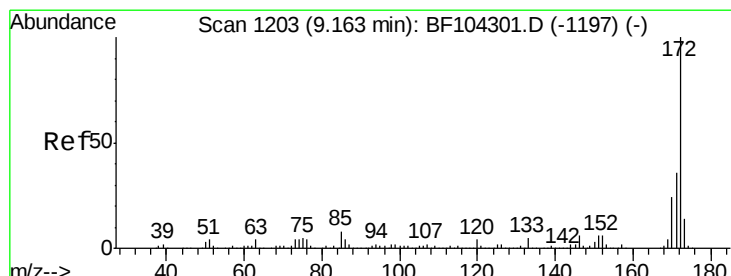
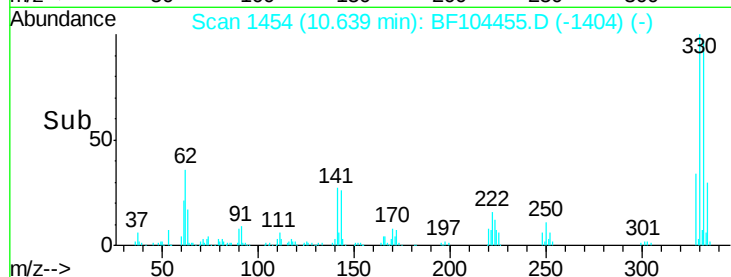
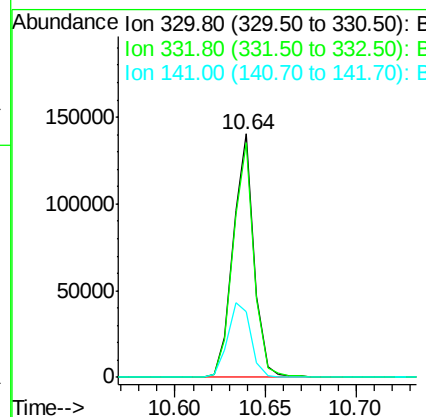
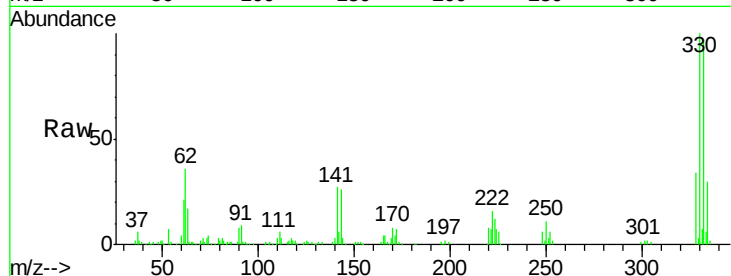




#41
 2,4,6-Tribromophenol
 Concen: 44.692 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104455.D
 Acq: 12 Apr 2018 17:09

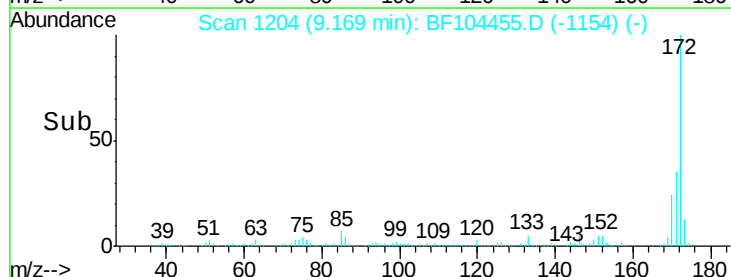
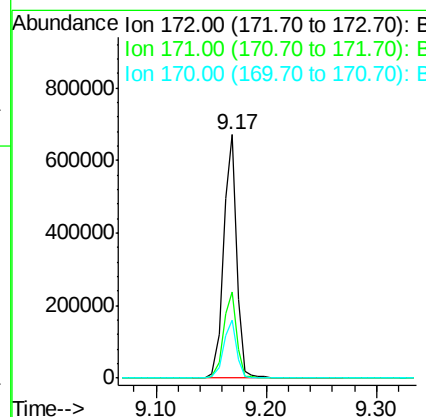
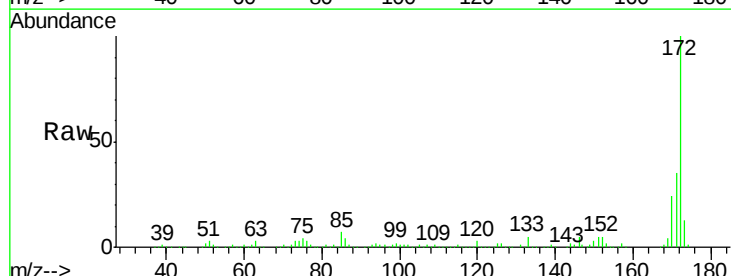
Instrument :
 BNA_F
 ClientSampleId :
 EO-01-041118-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 35.676 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104455.D
 Acq: 12 Apr 2018 17:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.7	19.6	29.4

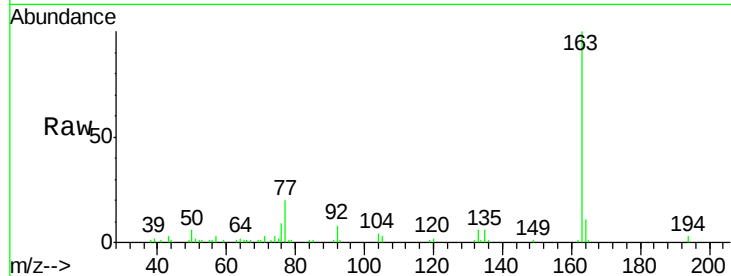




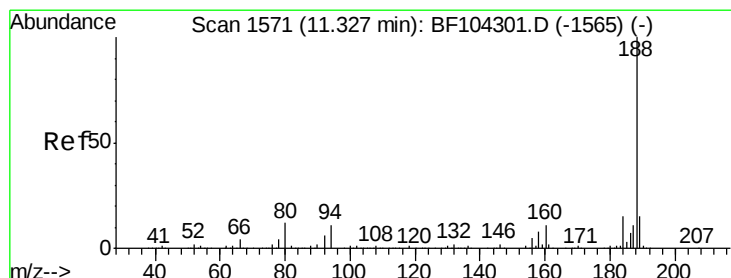
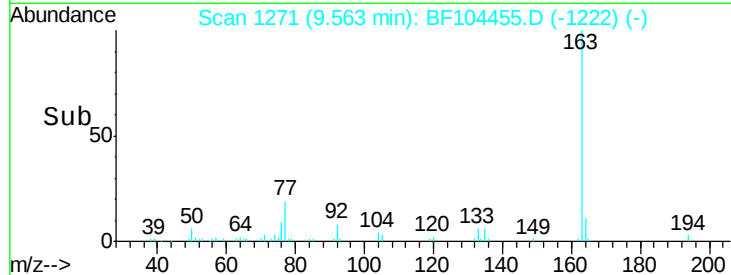
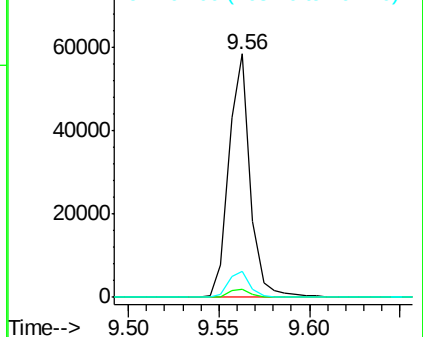
#49
Dimethylphthalate
Concen: 2.490 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104455.D
Acq: 12 Apr 2018 17:09

Instrument :
BNA_F
ClientSampleId :
EO-01-041118-B

Tot Ion:163 Resp: 47971
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.2 12.2

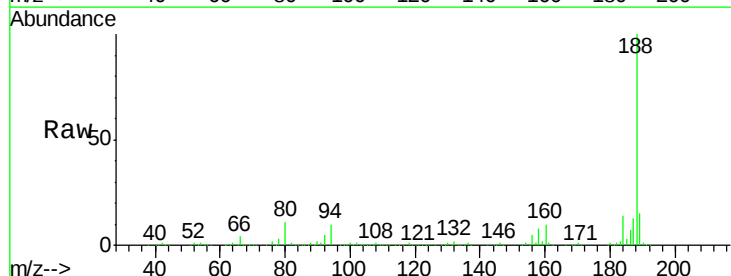


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

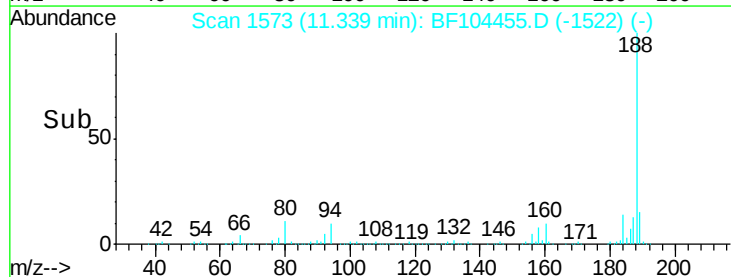
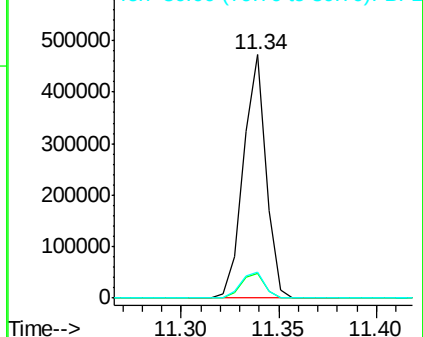


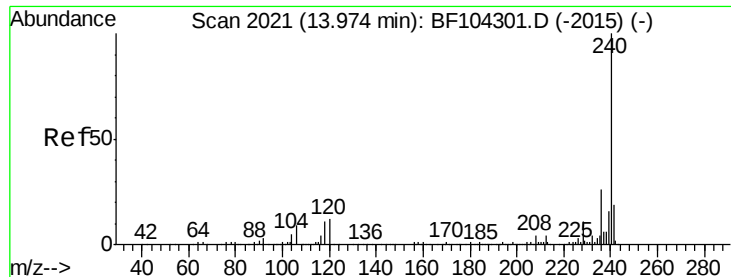
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF104455.D
Acq: 12 Apr 2018 17:09

Tgt Ion:188 Resp: 379063
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.9 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

Instrument :

BNA_F

ClientSampleId :

EO-01-041118-B

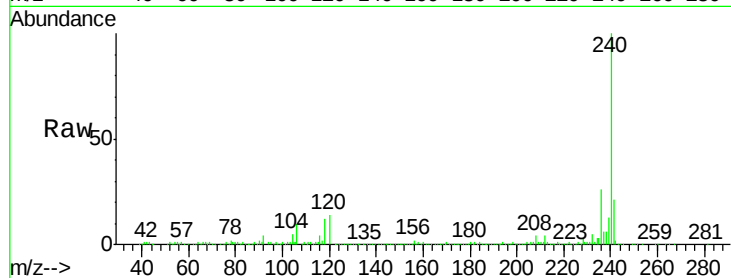
Tot Ion:240 Resp: 285056

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

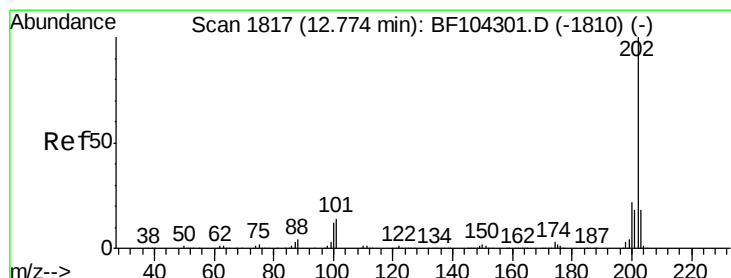
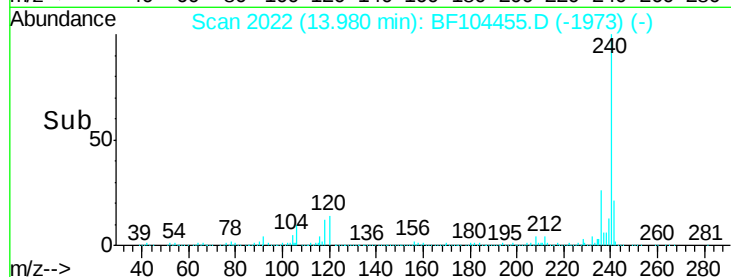
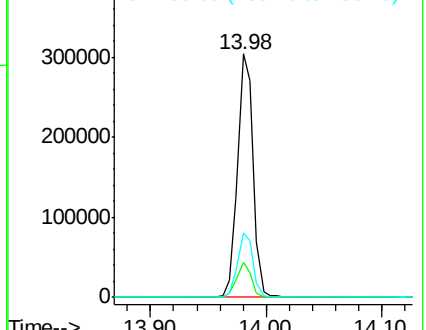
236 26.2 20.7 31.1



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: 2.052 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

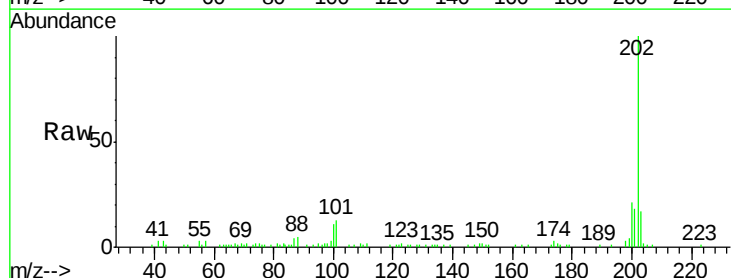
Tgt Ion:202 Resp: 43365

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

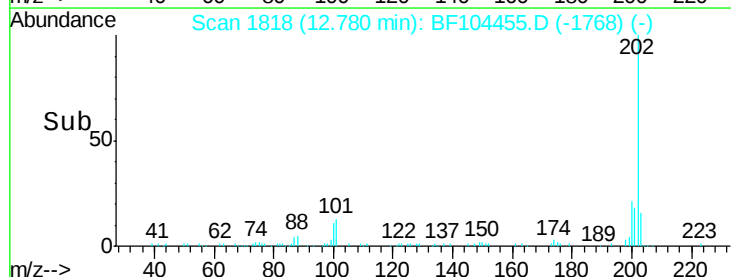
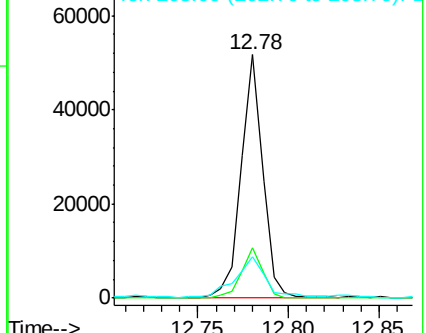
203 17.2 14.3 21.5



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: 32.459 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

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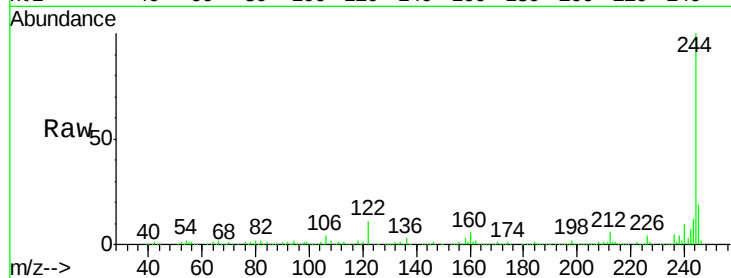
Tot Ion:244 Resp: 405852

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

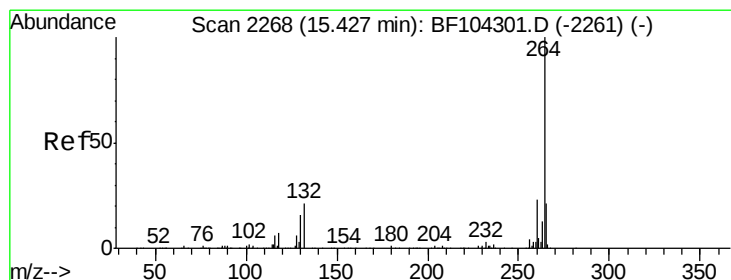
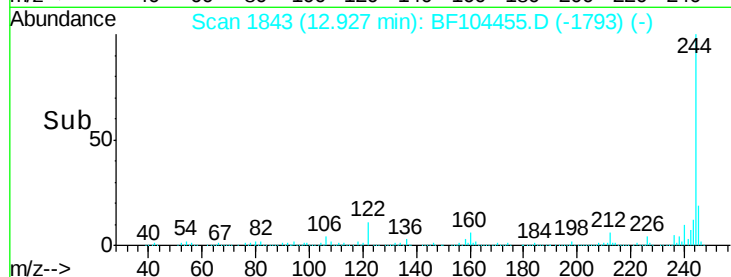
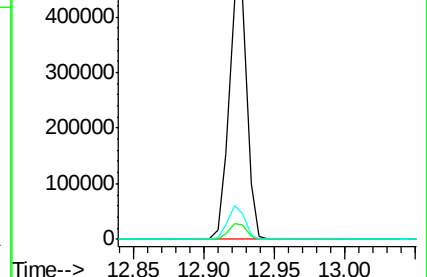
122 10.9 11.0 16.4#



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: 15.45 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BF104455.D

Acq: 12 Apr 2018 17:09

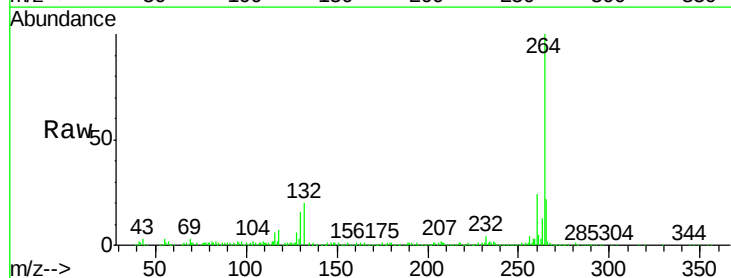
Tgt Ion:264 Resp: 233238

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

