

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103021.D
 Acq On : 15 Feb 2018 16:54
 Operator : SJ/JU
 Sample : J1393-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

Quant Time: Feb 15 17:41:56 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	193208	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	791475	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	351730	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	580708	20.00	ng	0.00
75) Chrysene-d12	14.04	240	356349	20.00	ng	0.00
86) Perylene-d12	15.52	264	366247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	727744	57.20	ng	0.00
7) Phenol-d6	6.50	99	888877	58.03	ng	-0.01
23) Nitrobenzene-d5	7.43	82	548671	48.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	175038	61.83	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	851745	40.18	ng	-0.01
78) Terphenyl-d14	12.99	244	631732	41.98	ng	0.00

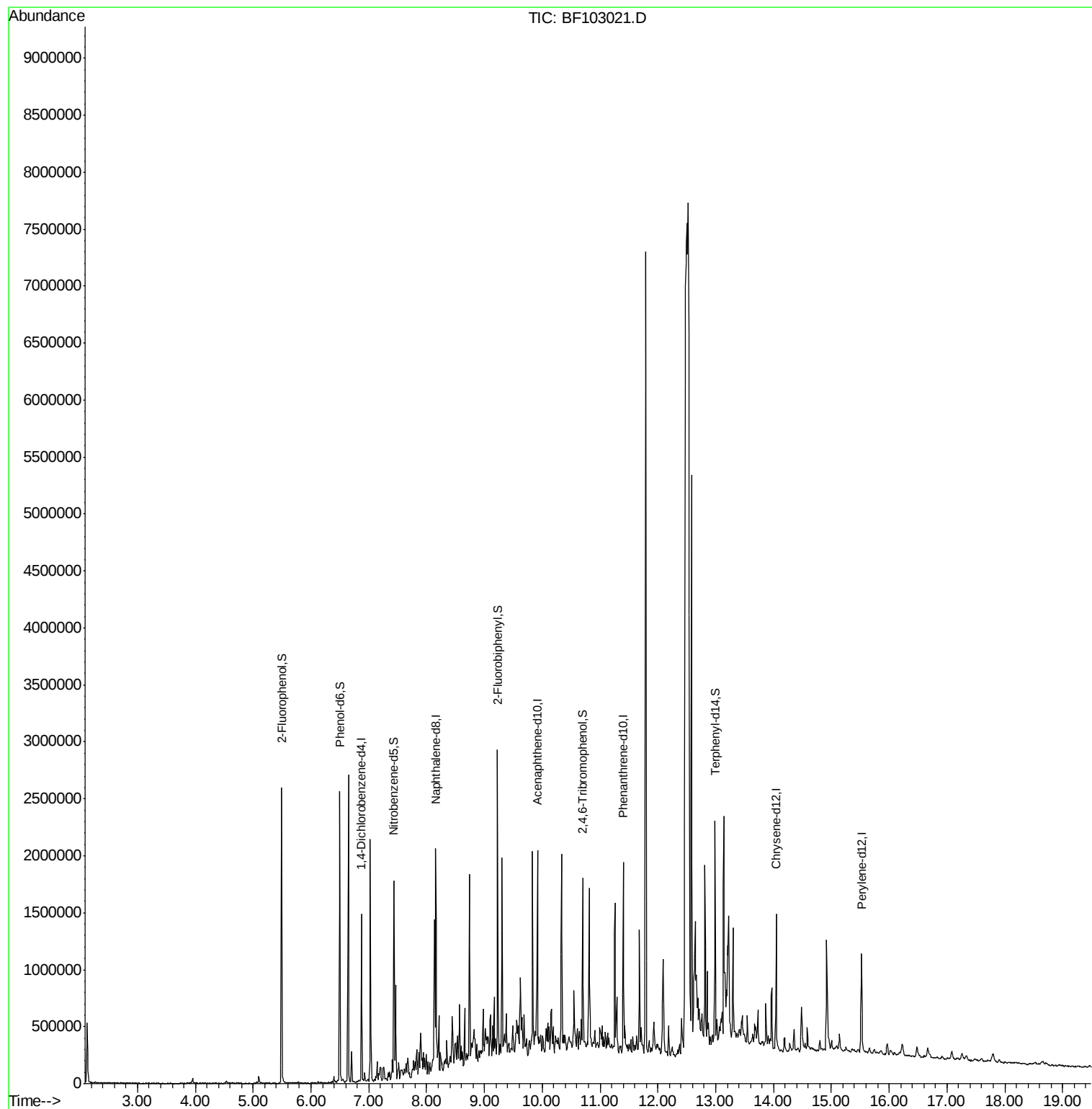
Target Compounds	Qvalue
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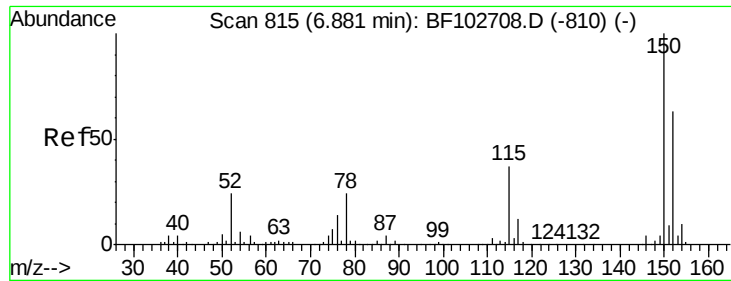
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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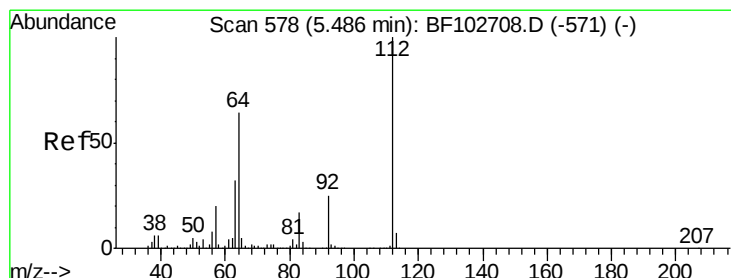
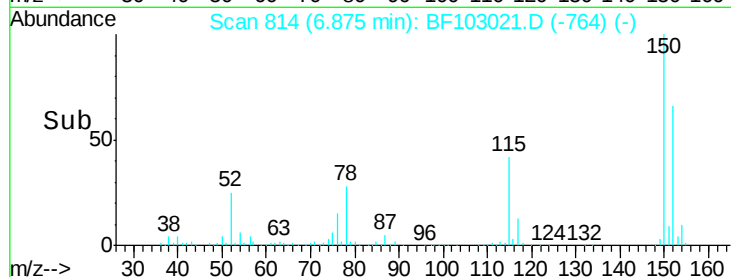
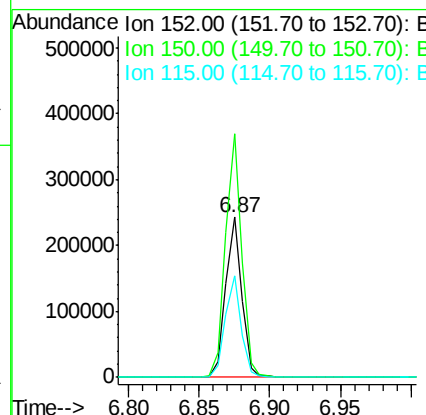
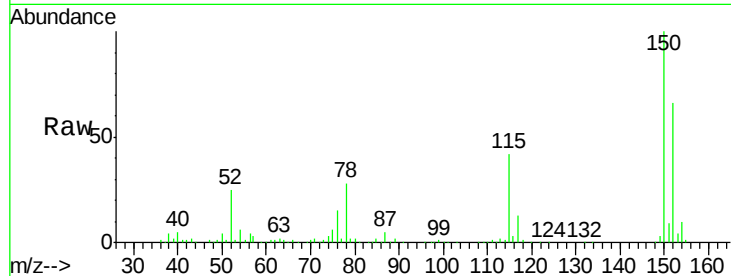




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

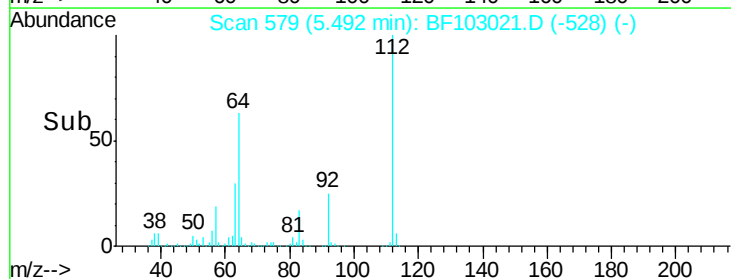
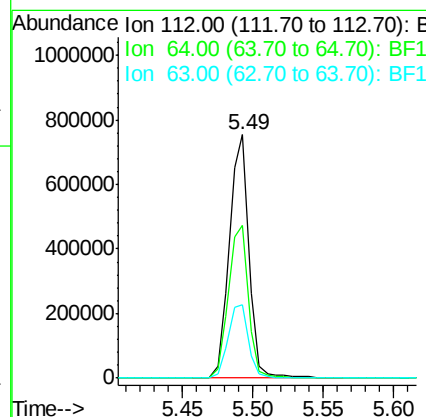
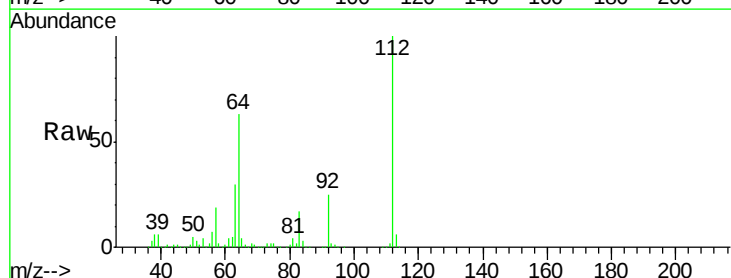
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

Tgt Ion:152 Resp: 193208
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 63.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 57.203 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Tgt Ion:112 Resp: 727744
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 58.027 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

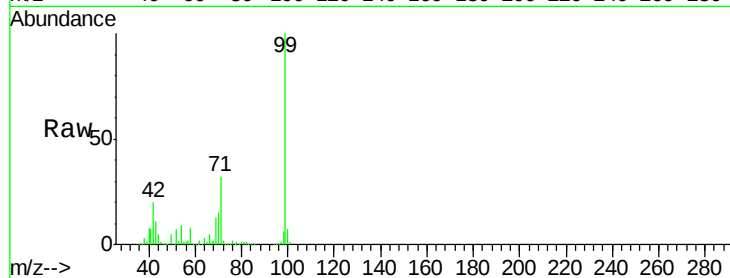
Tgt Ion: 99 Resp: 888877

Ion Ratio Lower Upper

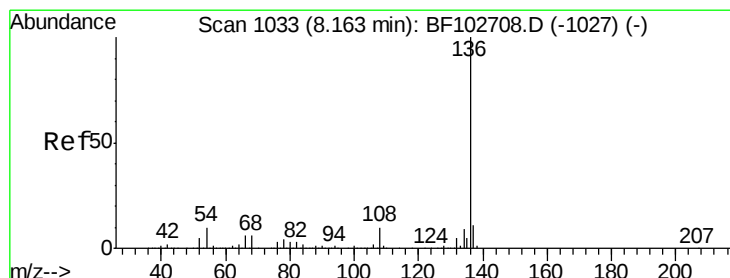
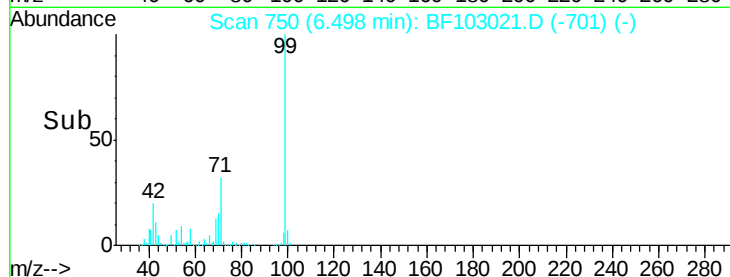
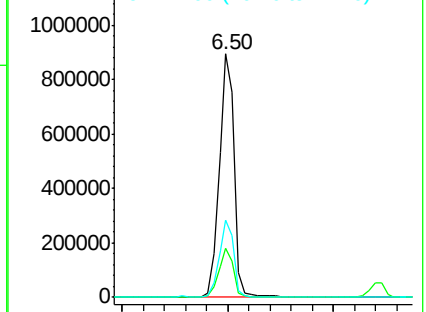
99 100

42 20.0 14.5 21.7

71 31.9 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. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Tgt Ion: 136 Resp: 791475

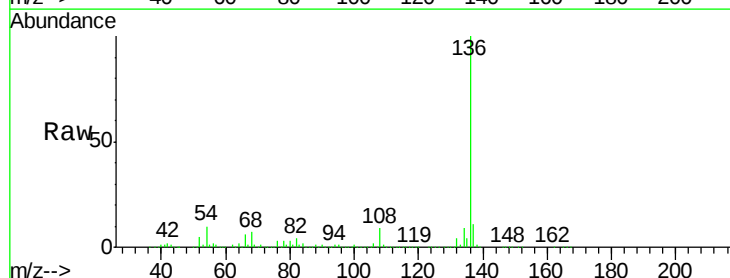
Ion Ratio Lower Upper

136 100

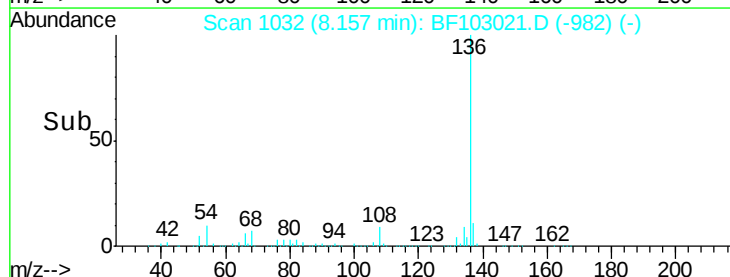
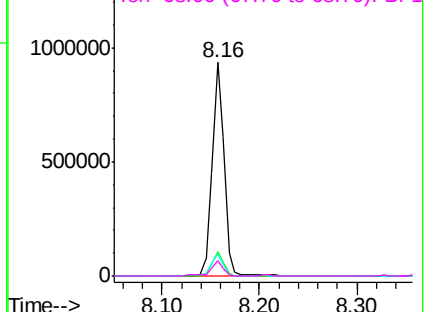
137 11.3 8.9 13.3

54 10.1 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: 48.089 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

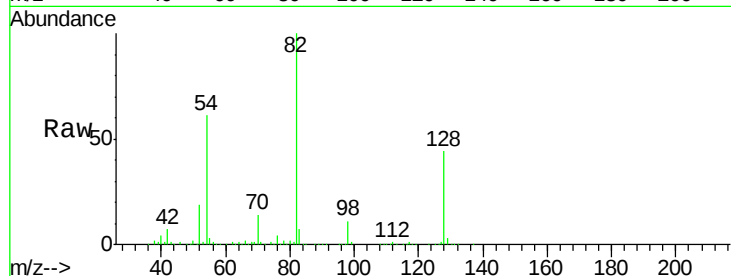
Tgt Ion: 82 Resp: 548671

Ion Ratio Lower Upper

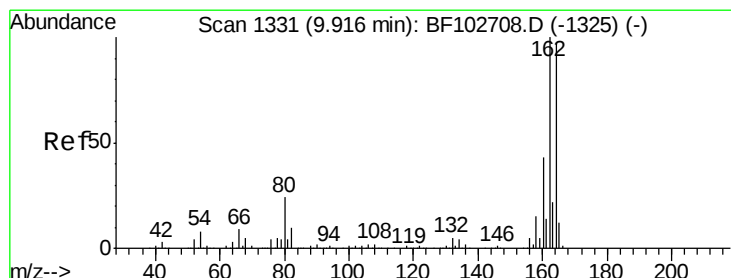
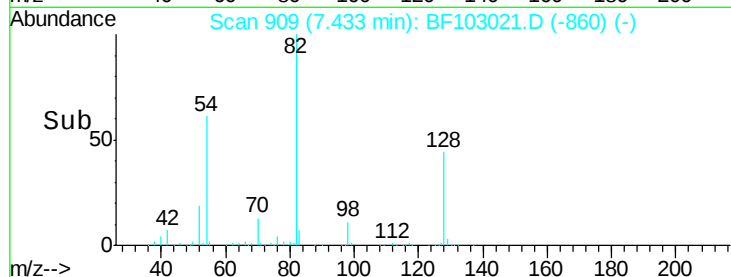
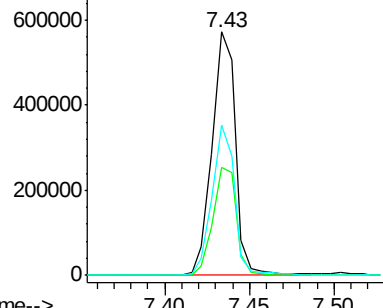
82 100

128 44.2 36.1 54.1

54 61.5 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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

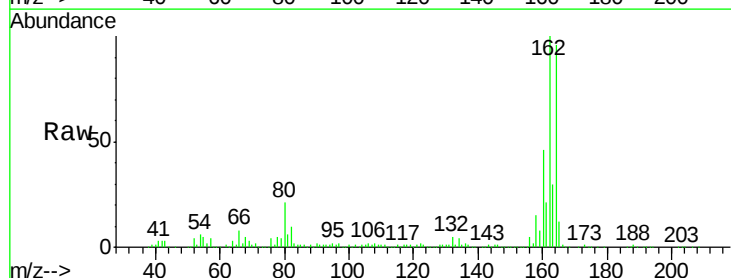
Tgt Ion: 164 Resp: 351730

Ion Ratio Lower Upper

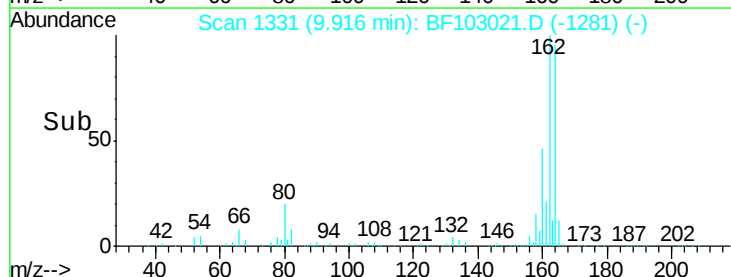
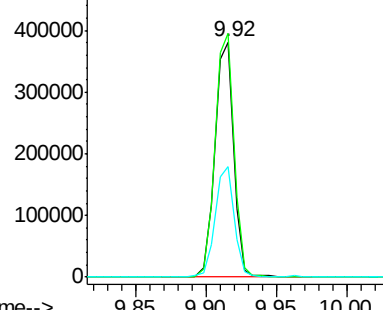
164 100

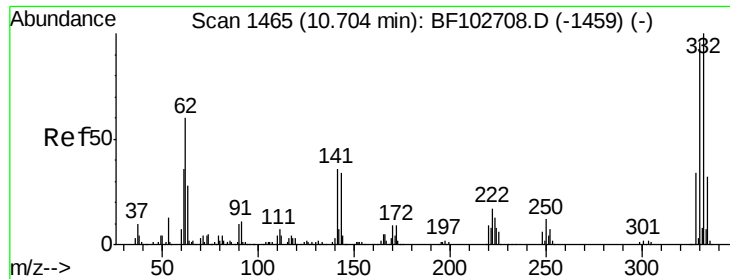
162 103.7 86.1 129.1

160 47.3 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

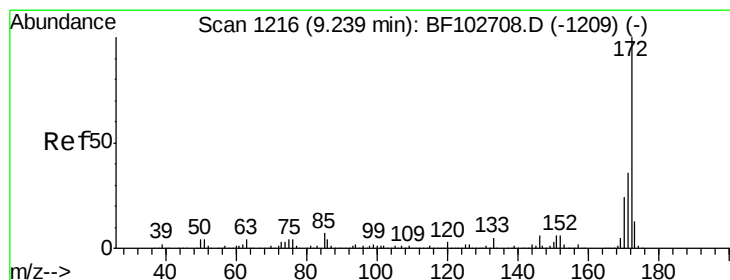
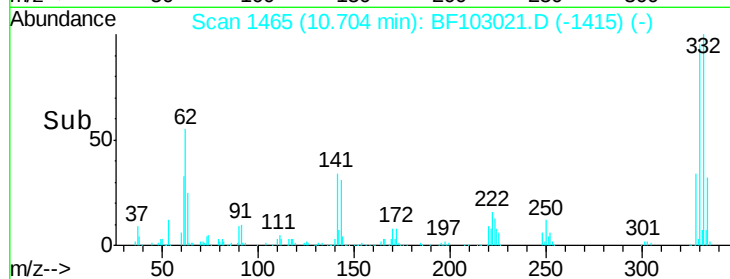
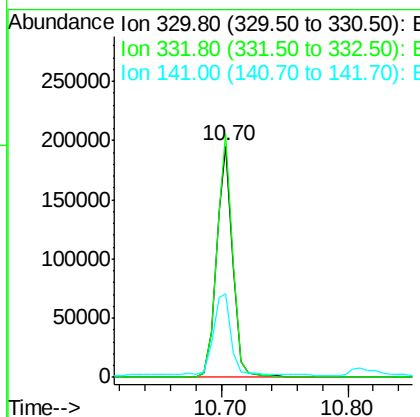
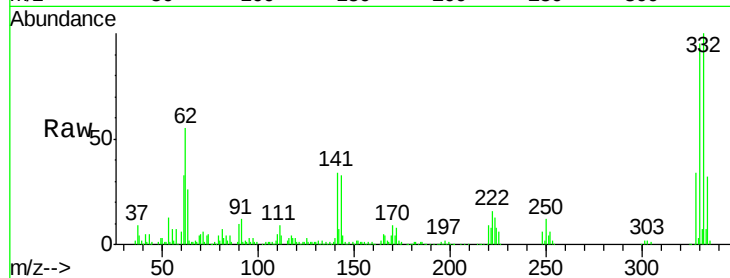




#41
 2,4,6-Tribromophenol
 Concen: 61.829 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

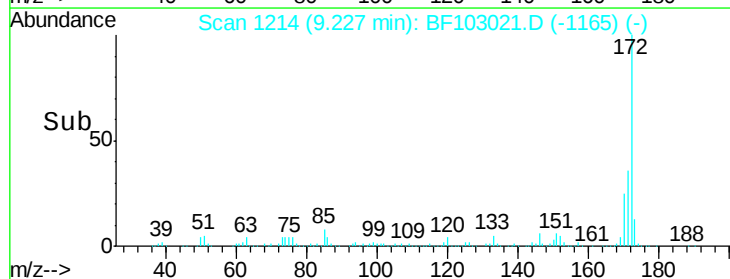
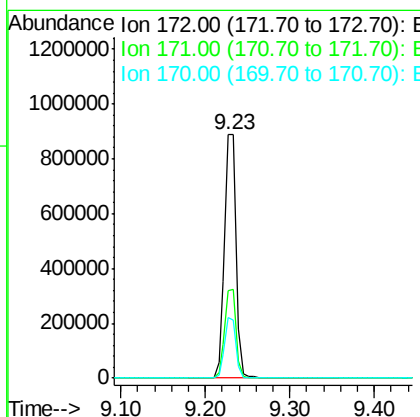
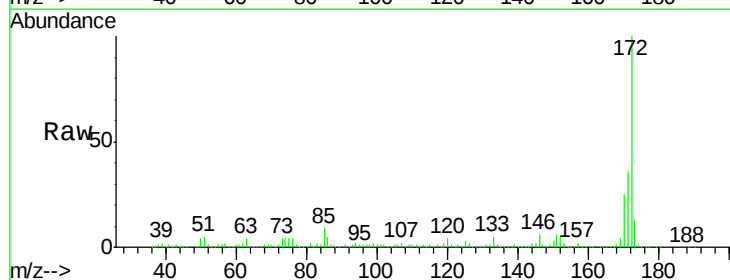
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

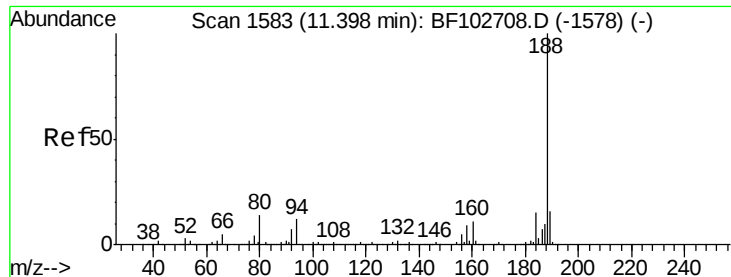
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.5	77.0	115.6
141	38.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 40.183 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	25.1	19.6	29.4

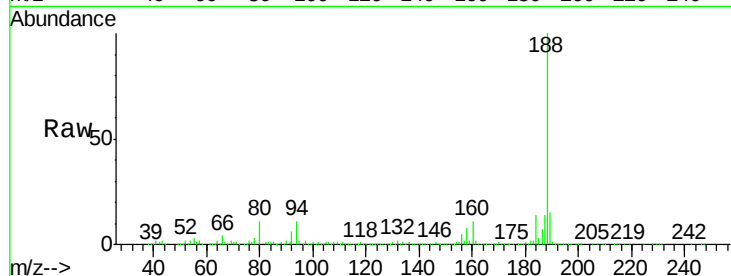




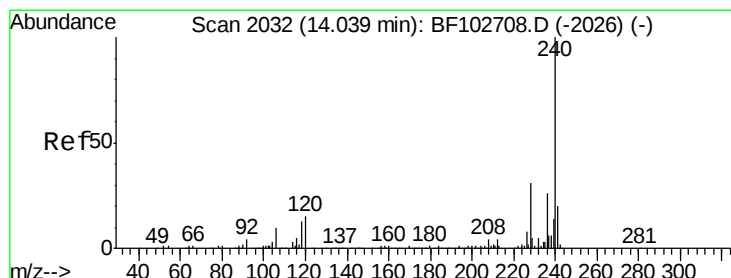
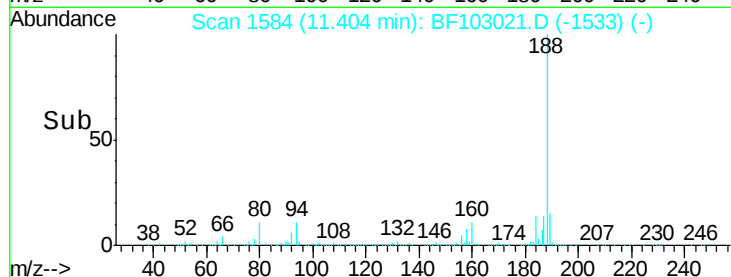
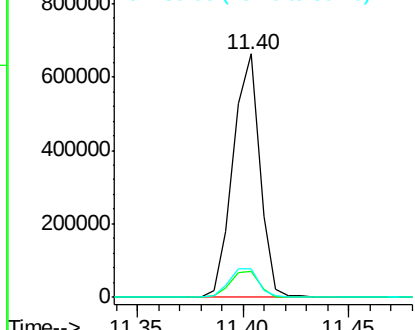
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Instrument :
BNA_F
ClientSampleId :
HR-06-021418-B

Tgt Ion:188 Resp: 580708
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8

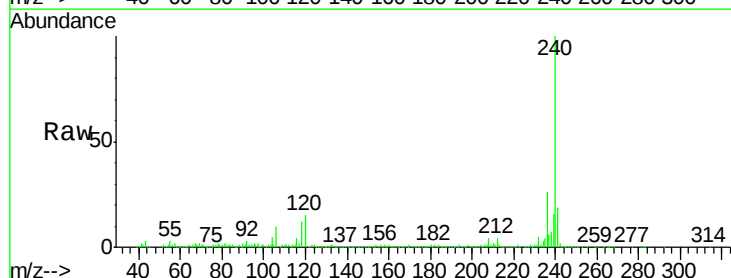


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

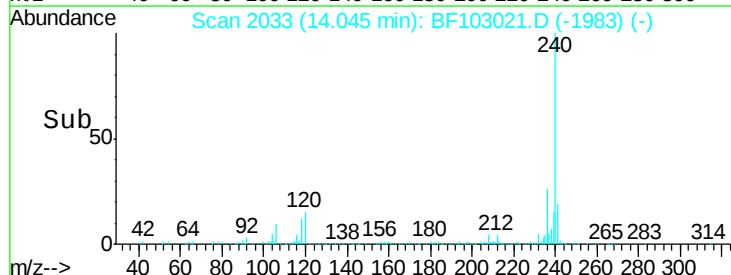
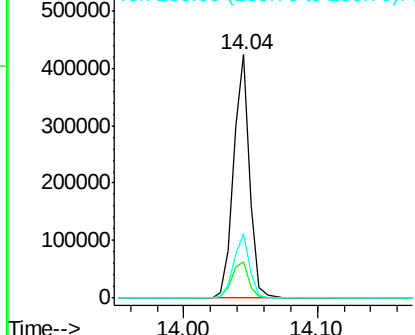


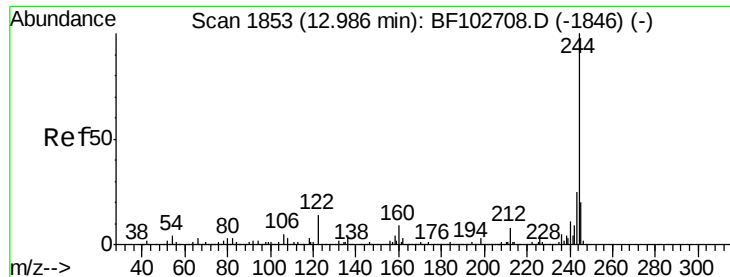
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Tgt Ion:240 Resp: 356349
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 26.3 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: 41.976 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

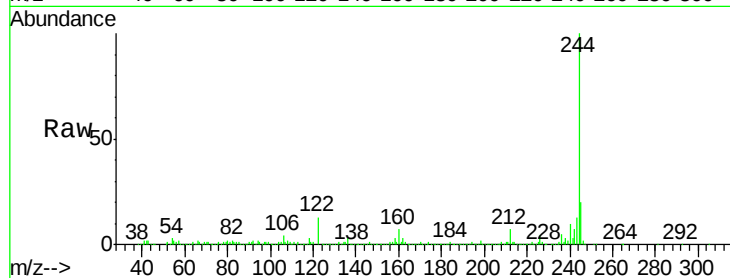
Tgt Ion:244 Resp: 631732

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

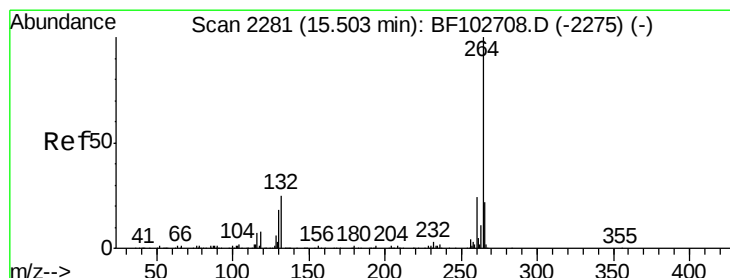
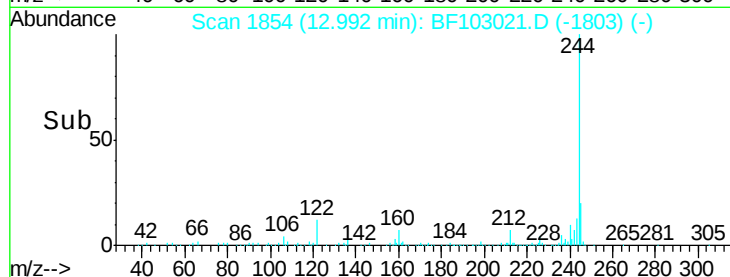
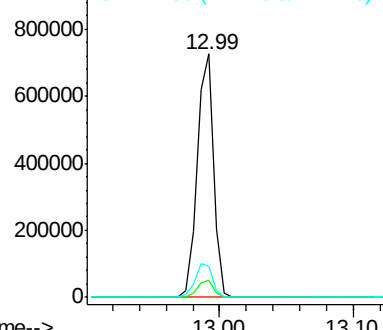
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

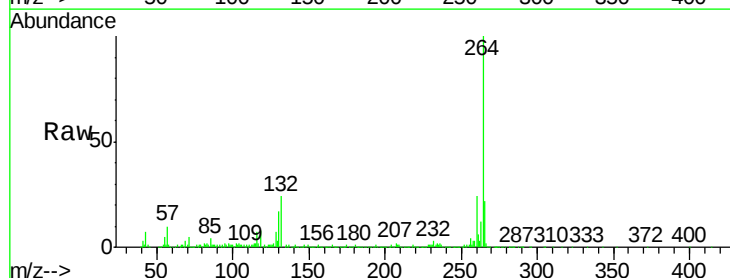
Tgt Ion:264 Resp: 366247

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 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

