

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113438.D
 Acq On : 30 Mar 2019 4:03
 Operator : JU/SJ
 Sample : K1685-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Quant Time: Mar 30 05:33:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	123184	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	463927	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	222987	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	436124	20.00	ng	0.00
76) Chrysene-d12	13.84	240	427318	20.00	ng	0.00
87) Perylene-d12	15.24	264	351635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	797725	105.89	ng	0.01
7) Phenol-d6	6.35	99	922739	96.82	ng	0.00
23) Nitrobenzene-d5	7.27	82	664949	85.07	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	350382	127.21	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1313669	94.26	ng	0.00
79) Terphenyl-d14	12.80	244	1427917	73.65	ng	0.00

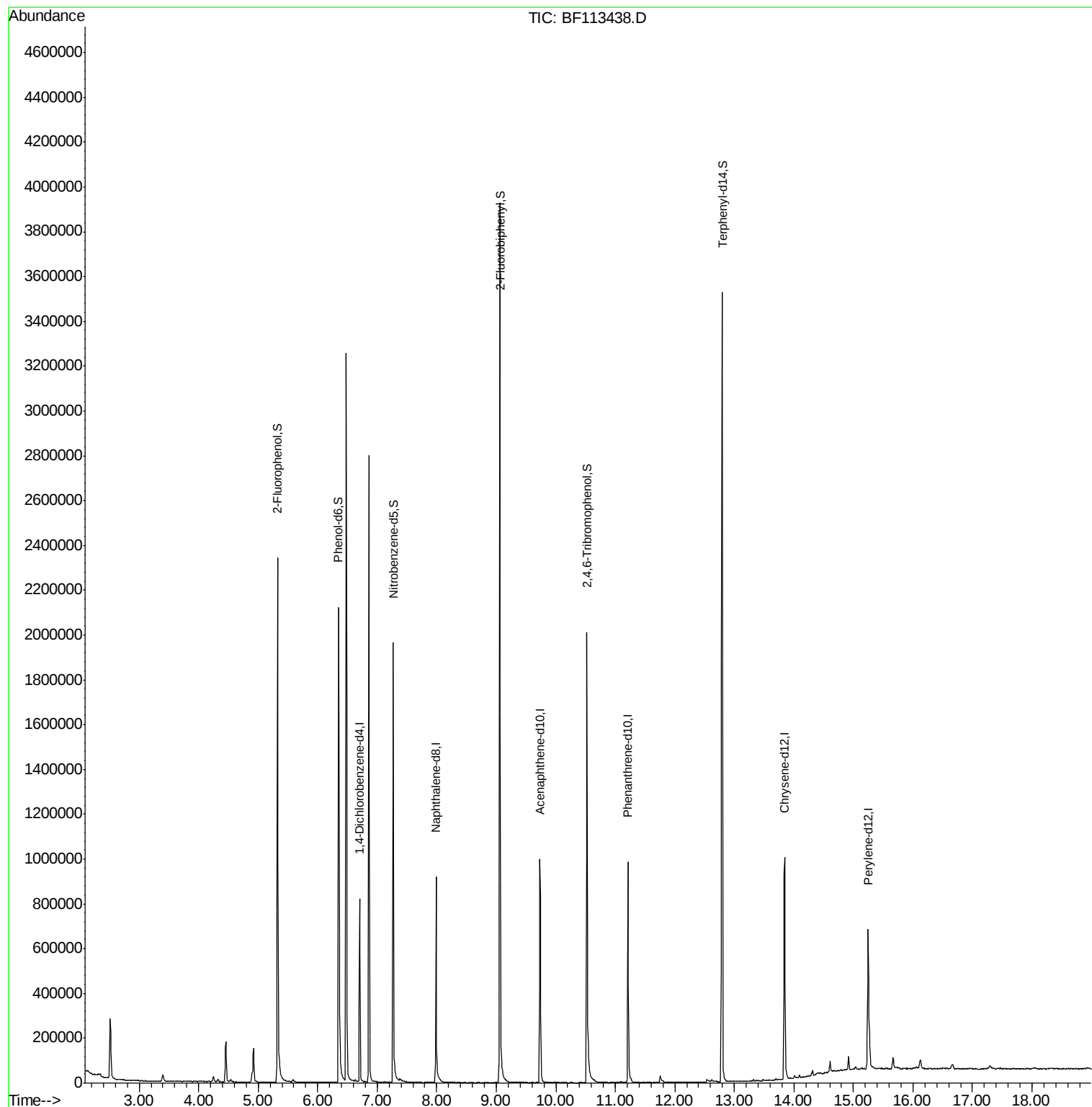
Target Compounds Qvalue

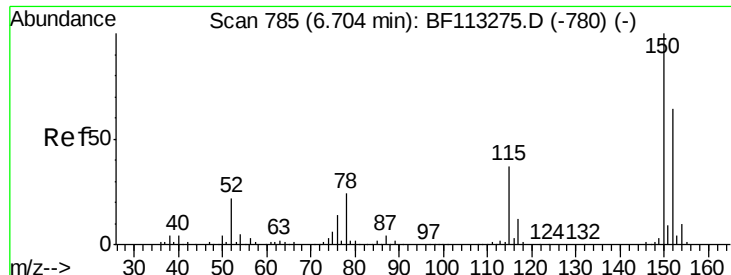
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

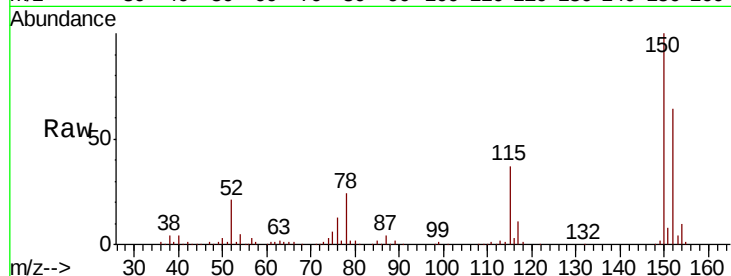
Tot Ion:152 Resp: 123184

Ion Ratio Lower Upper

152 100

150 155.8 124.7 187.1

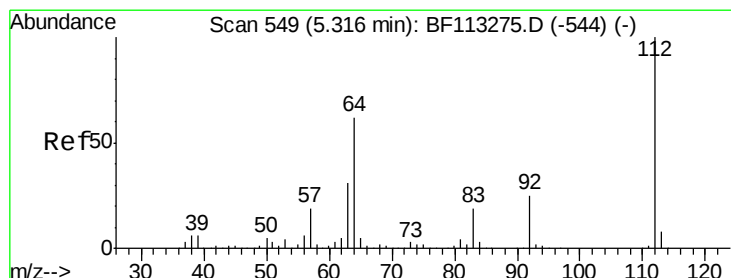
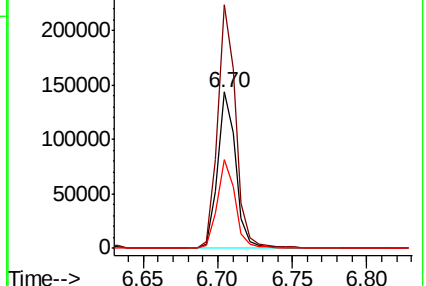
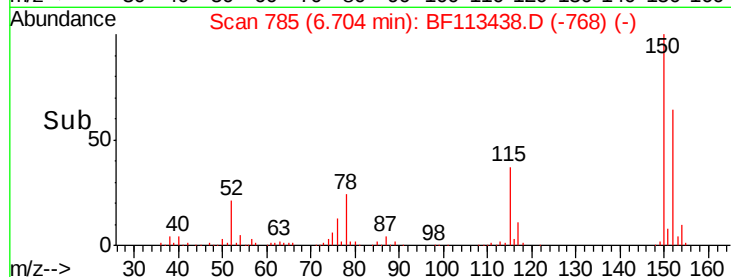
115 57.0 46.0 69.0



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: 105.888 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

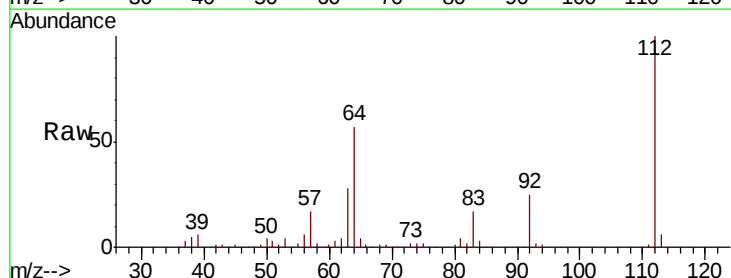
Tgt Ion:112 Resp: 797725

Ion Ratio Lower Upper

112 100

64 56.8 49.2 73.8

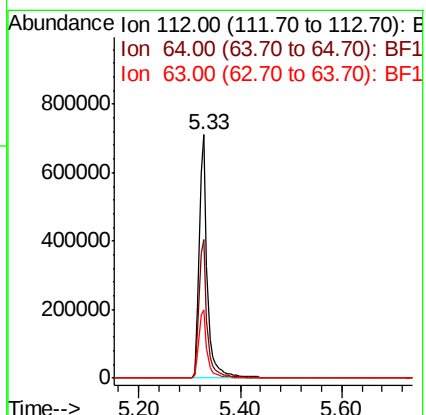
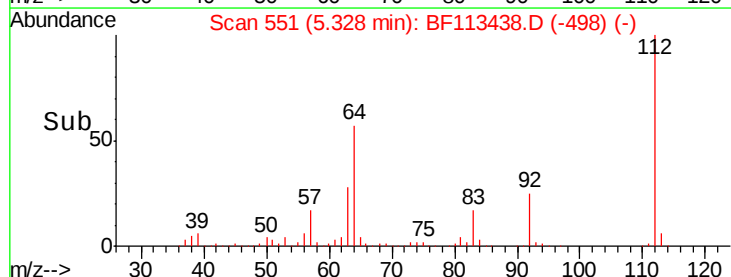
63 28.3 24.9 37.3

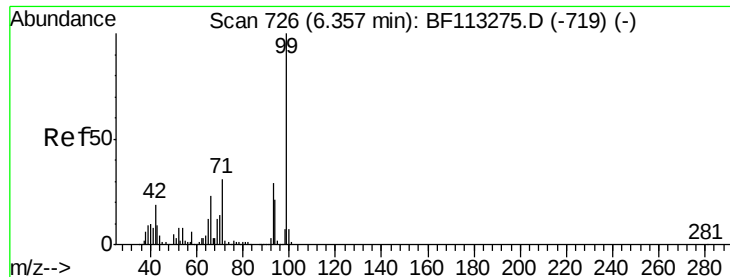


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 96.820 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

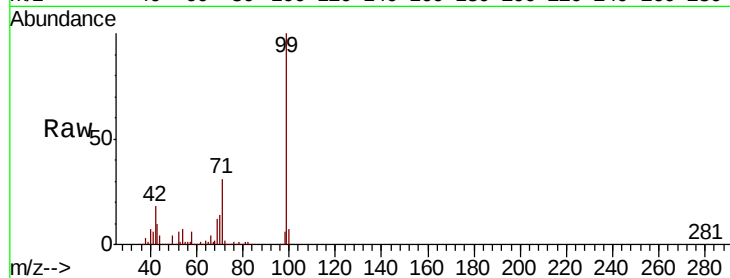
Tot Ion: 99 Resp: 922739

Ion Ratio Lower Upper

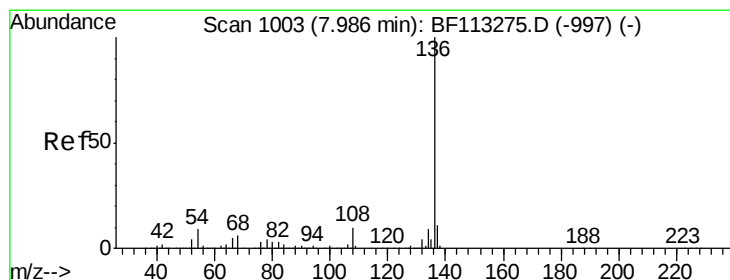
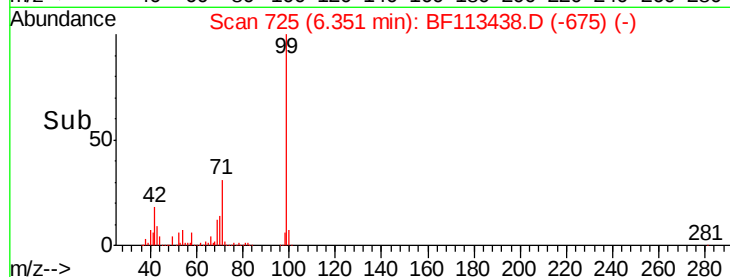
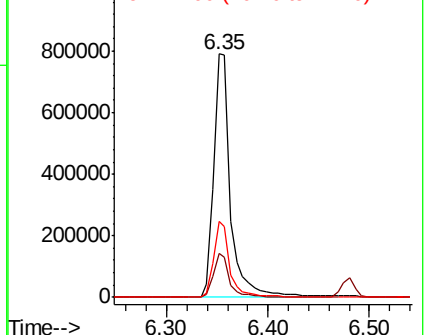
99 100

42 18.0 14.8 22.2

71 30.9 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113438.D

Acq: 30 Mar 2019 4:03

Tgt Ion: 136 Resp: 463927

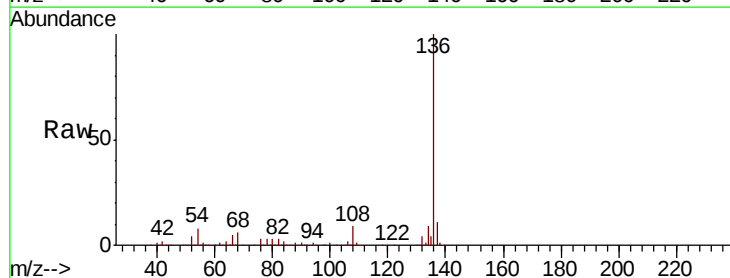
Ion Ratio Lower Upper

136 100

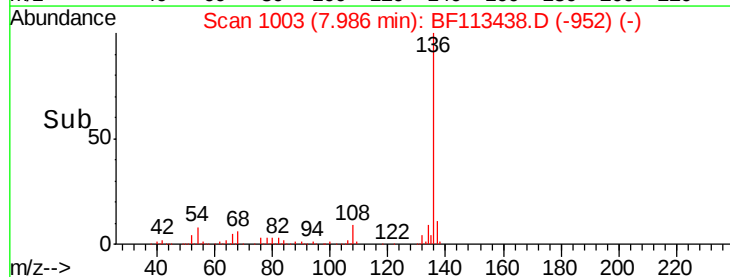
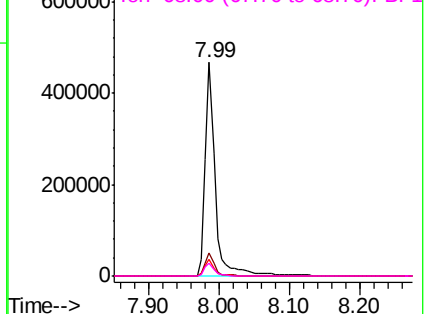
137 11.0 8.9 13.3

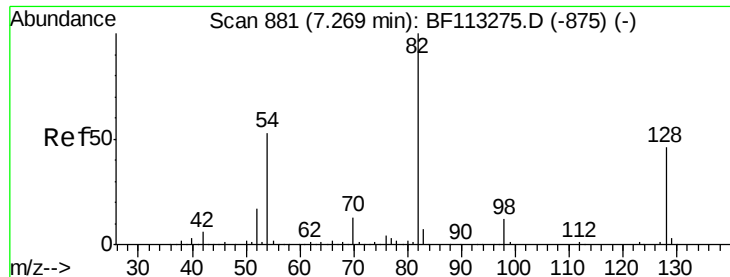
54 7.9 7.0 10.6

68 6.3 4.8 7.2



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

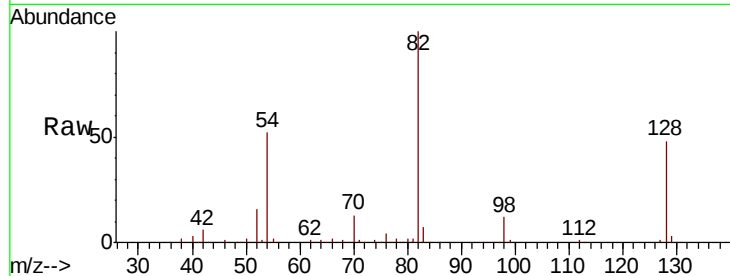




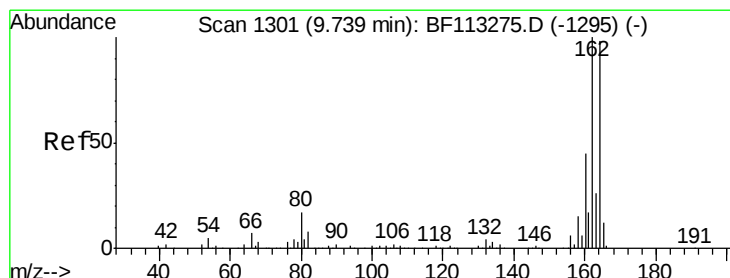
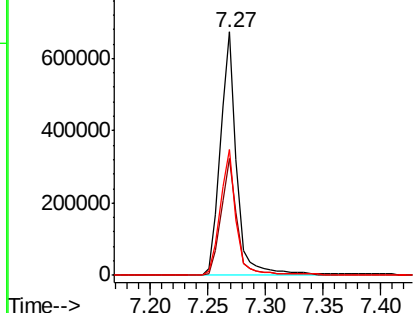
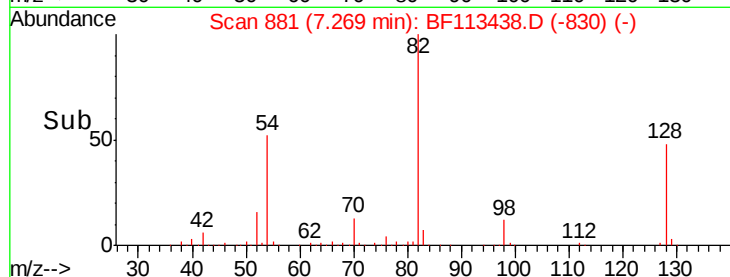
#23
 Nitrobenzene-d5
 Concen: 85.072 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Tot Ion: 82 Resp: 664949
 Ion Ratio Lower Upper
 82 100
 128 48.2 36.5 54.7
 54 51.6 42.2 63.2

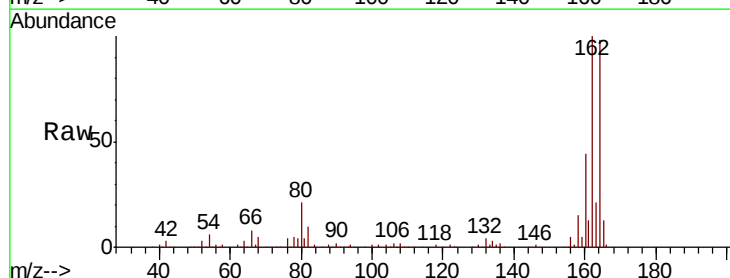


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

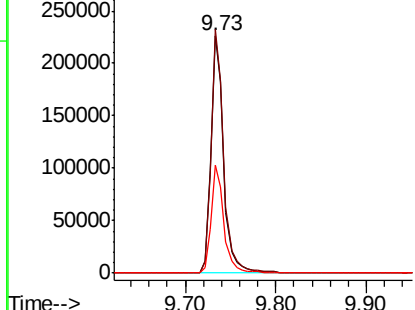
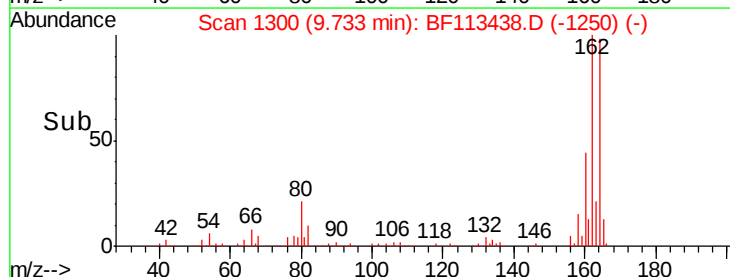


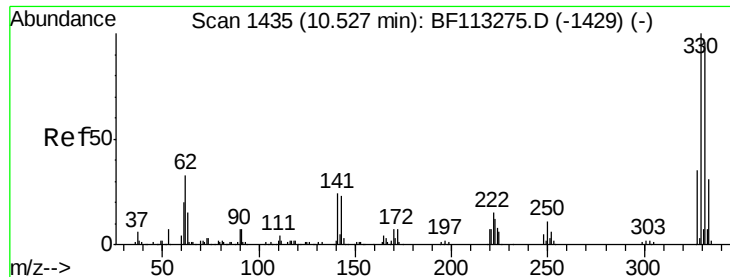
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Tgt Ion:164 Resp: 222987
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.8 122.6
 160 45.4 36.4 54.6



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

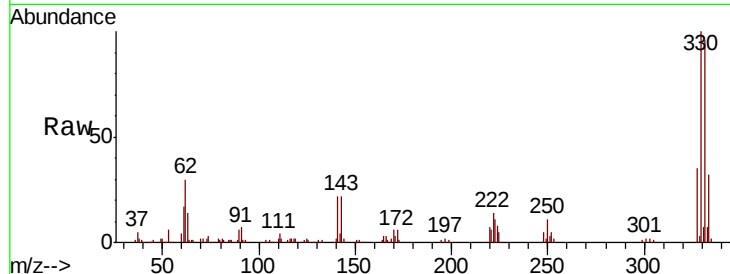




#42
 2,4,6-Tribromophenol
 Concen: 127.208 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.8	116.6
141	27.2	22.7	34.1

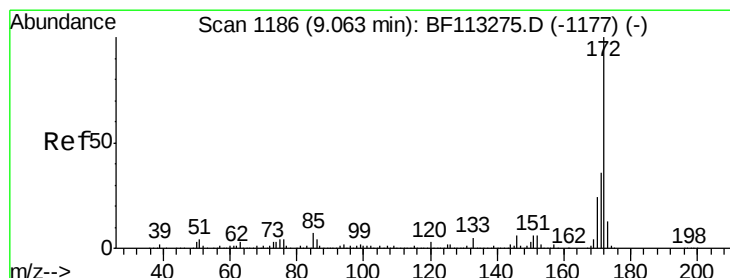
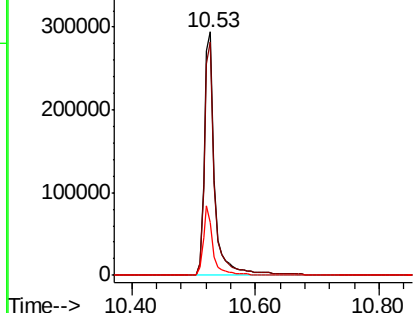
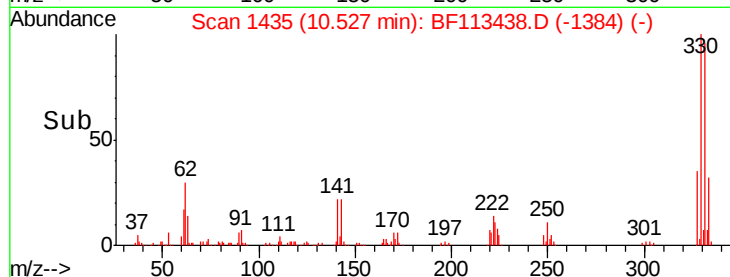


Abundance

Ion 329.80 (329.50 to 330.50): E

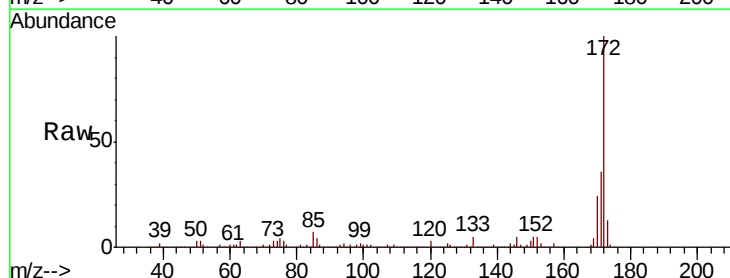
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.258 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113438.D
 Acq: 30 Mar 2019 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	19.5	29.3

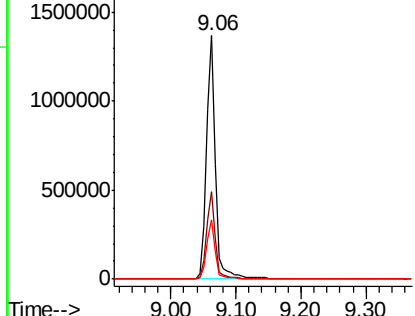
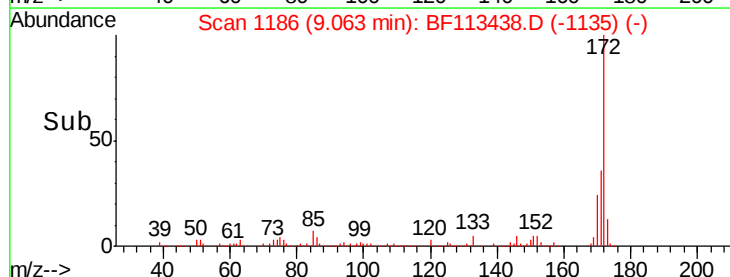


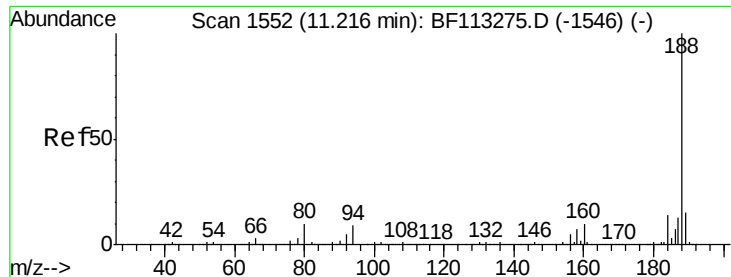
Abundance

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

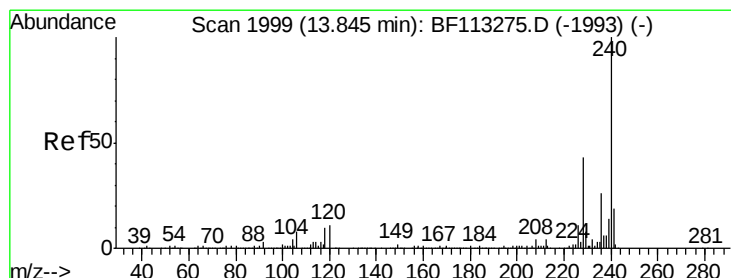
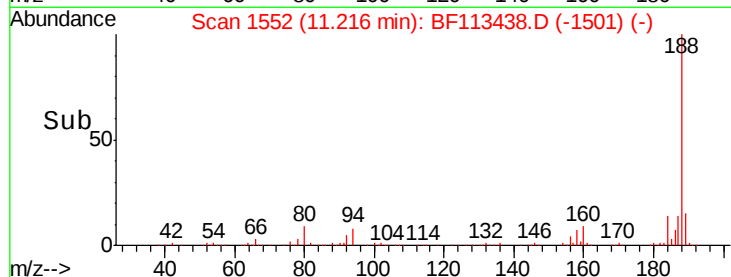
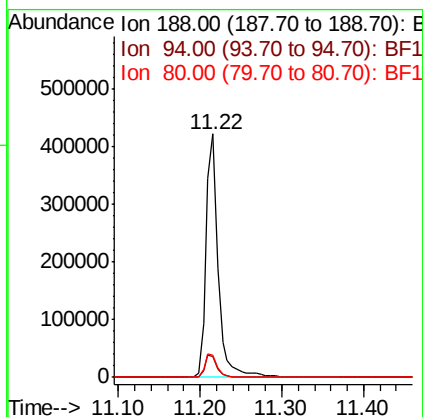
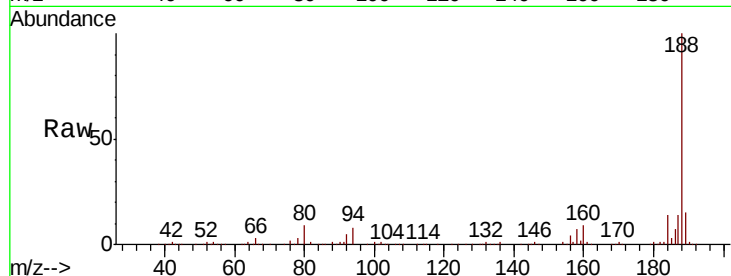




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

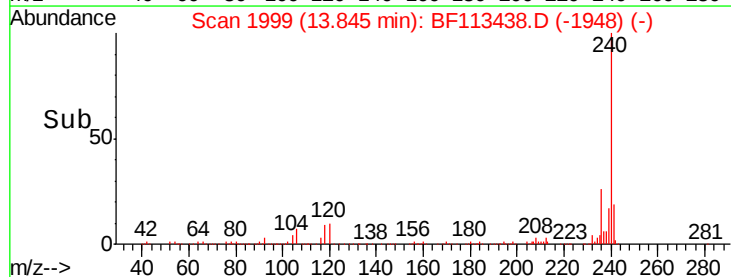
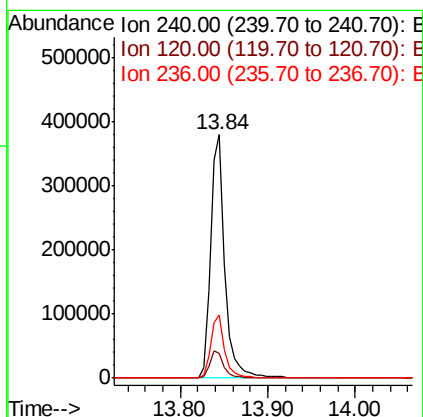
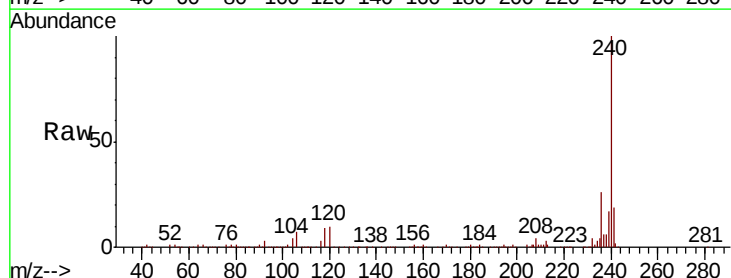
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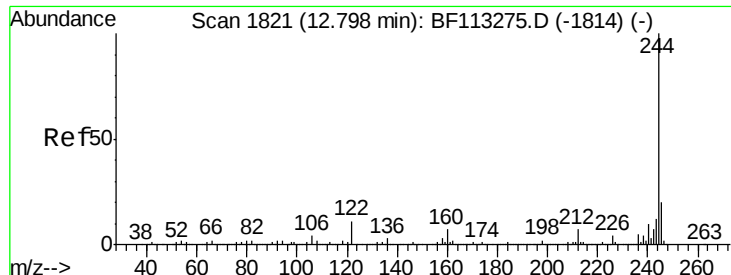
Tot Ion:188 Resp: 436124
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Tgt Ion:240 Resp: 427318
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.7 20.9 31.3

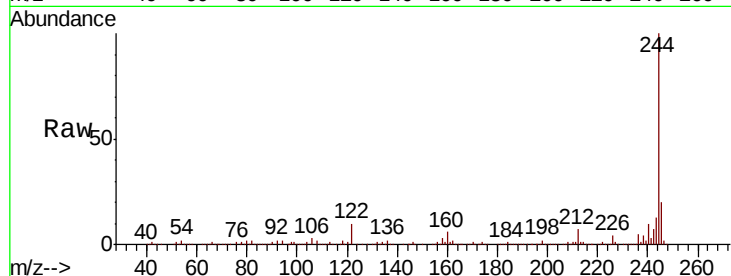




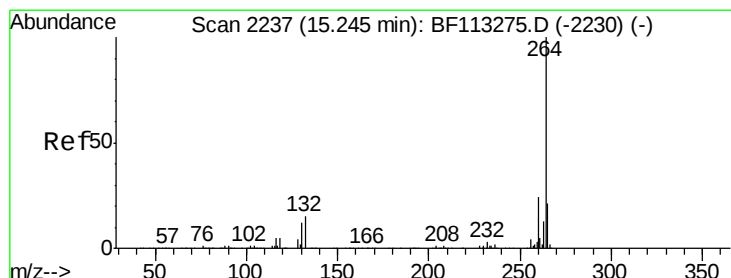
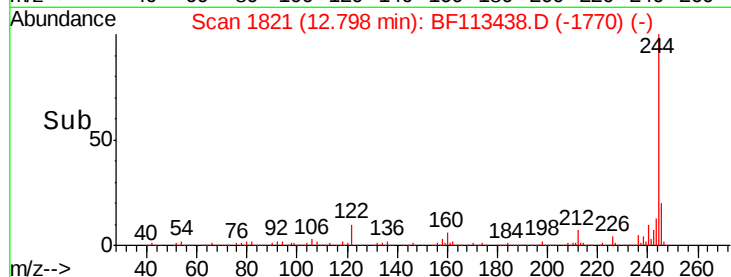
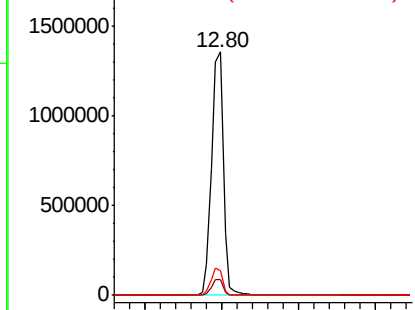
#79
Terphenyl-d14
Concen: 73.654 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tot Ion:244 Resp: 1427917
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.1 8.6 13.0

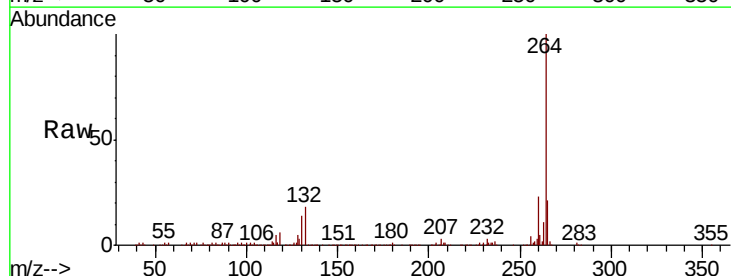


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113438.D
Acq: 30 Mar 2019 4:03

Tgt Ion:264 Resp: 351635
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 21.2 17.1 25.7



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

