

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112081.D
 Acq On : 17 Jan 2019 11:36
 Operator : JU/SJ
 Sample : K1010-05 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-011519-B

Quant Time: Jan 17 12:30:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	281922	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1083892	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	505162	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	829541	20.00	ng	0.00
76) Chrysene-d12	14.02	240	693780	20.00	ng	-0.01
87) Perylene-d12	15.50	264	625748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	329875	21.24	ng	0.00
7) Phenol-d6	6.50	99	426766	21.96	ng	-0.01
23) Nitrobenzene-d5	7.42	82	234270	14.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	101614	18.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	558202	16.20	ng	0.00
79) Terphenyl-d14	12.96	244	464631	14.25	ng	-0.01

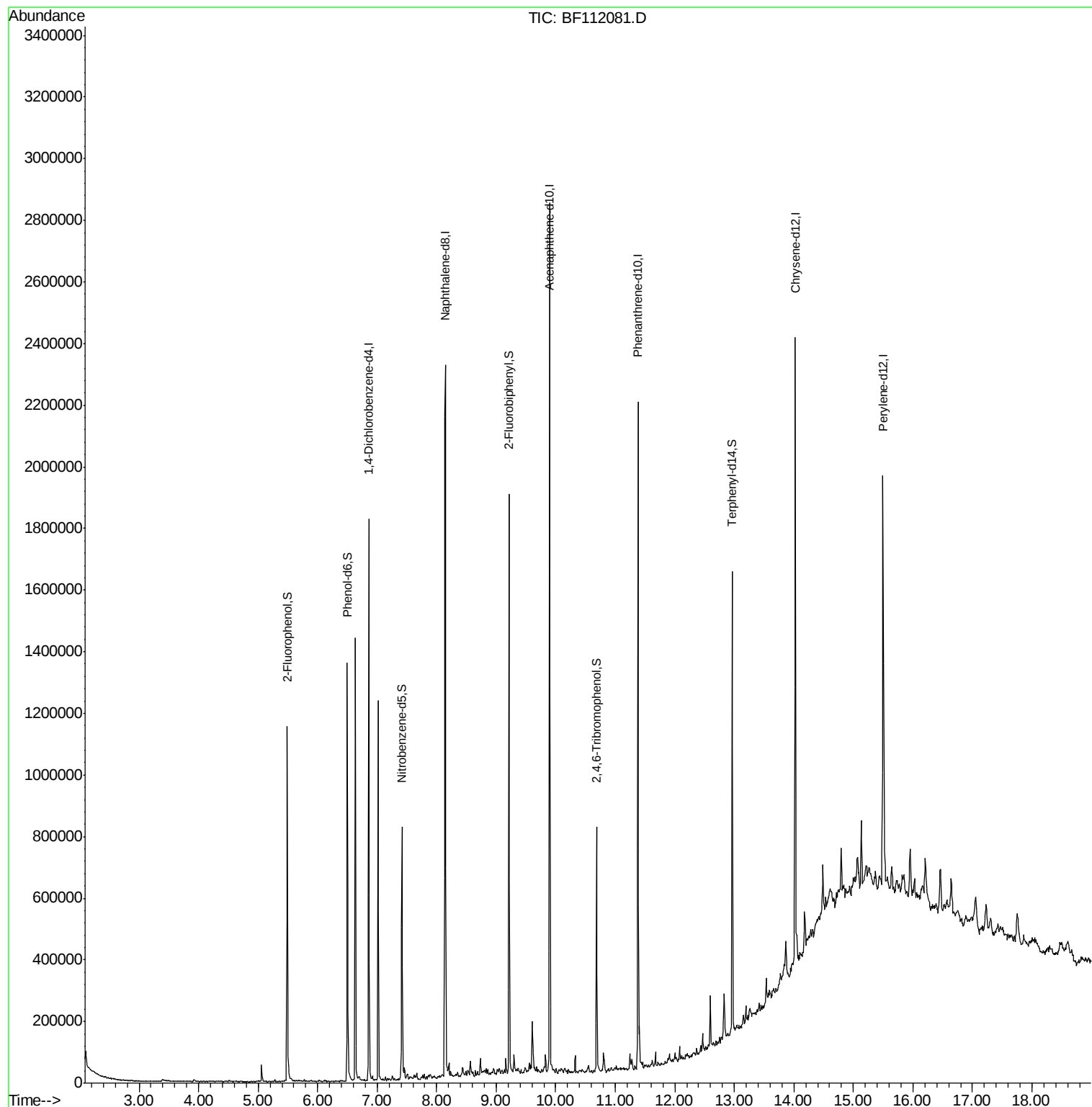
Target Compounds Qvalue

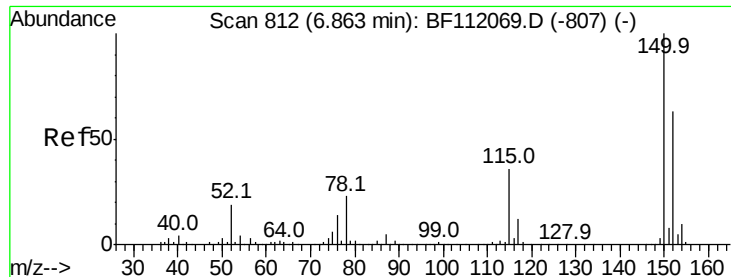
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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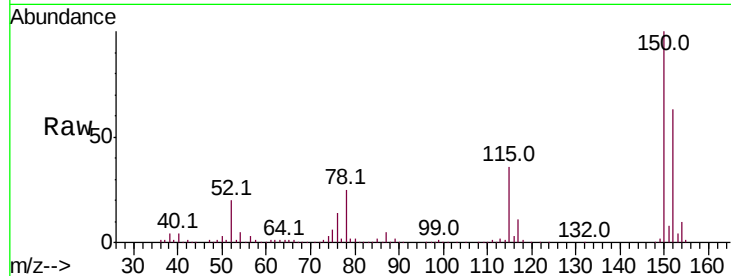


#1

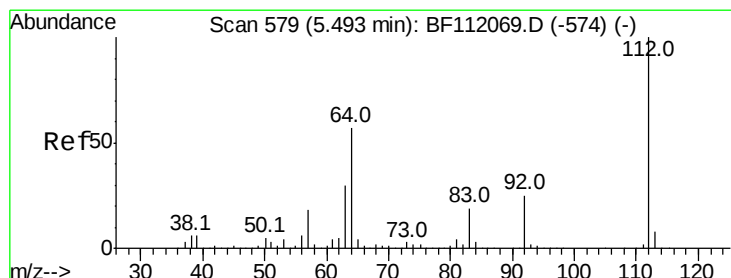
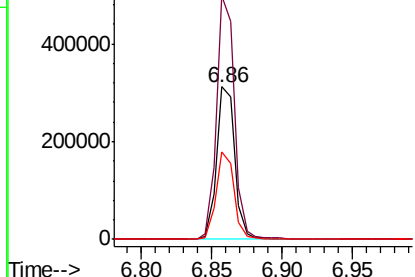
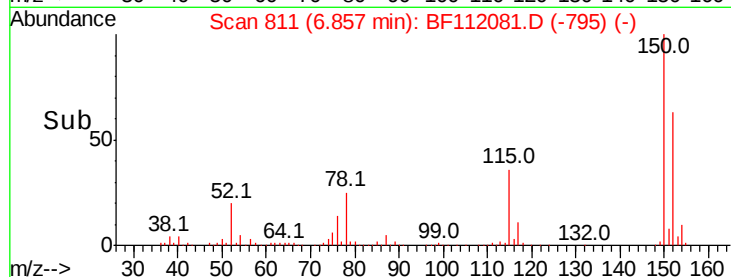
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112081.D
Acq: 17 Jan 2019 11:36

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-B

Tot Ion:152 Resp: 281922
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.0
115 57.6 45.5 68.3



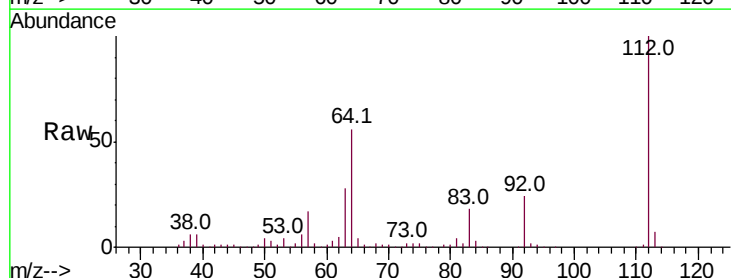
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



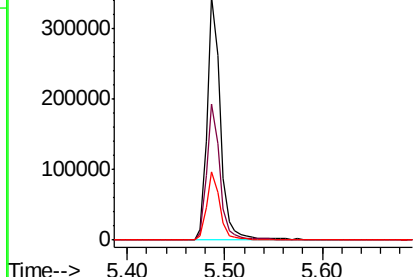
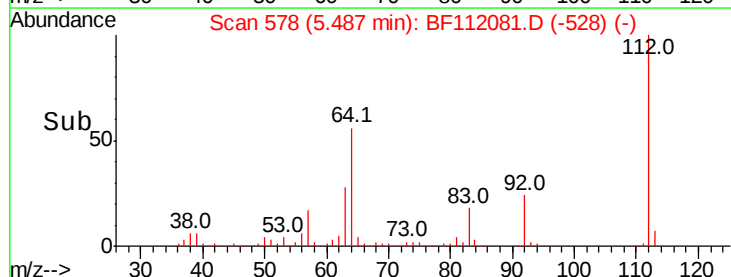
#5

2-Fluorophenol
Concen: 21.238 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112081.D
Acq: 17 Jan 2019 11:36

Tgt Ion:112 Resp: 329875
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 28.3 23.6 35.4



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: 21.960 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112081.D

Acq: 17 Jan 2019 11:36

Instrument :

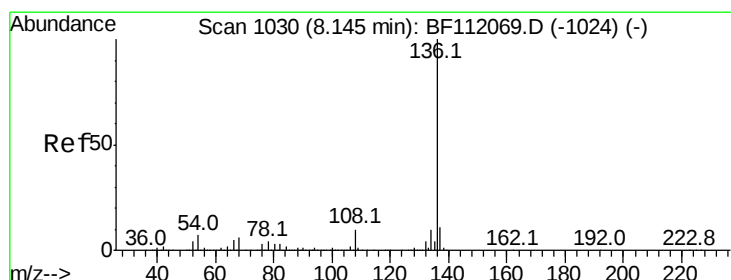
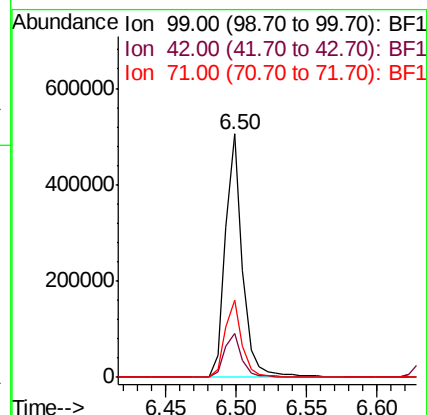
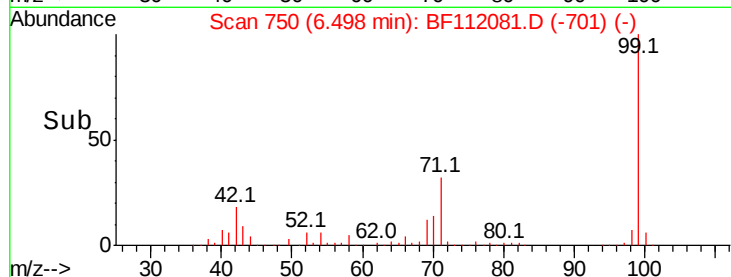
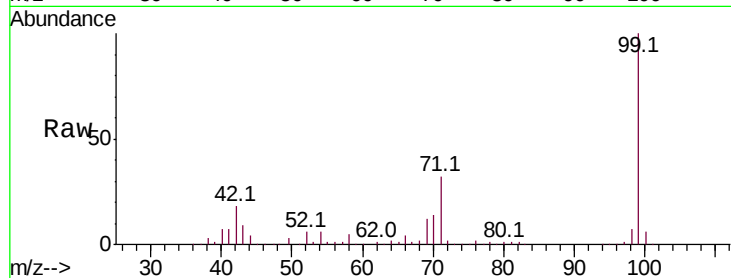
BNA_F

ClientSampleId :

OK-01-011519-B

Tot Ion: 99 Resp: 426766

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.1	22.7
71	31.8	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

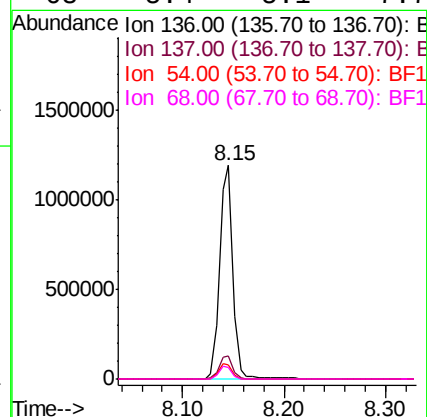
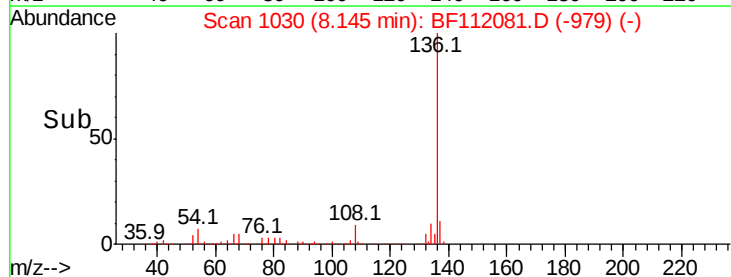
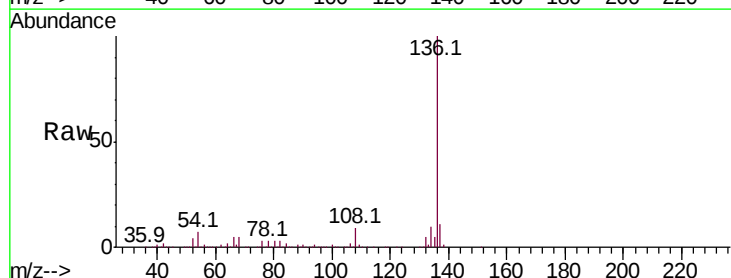
Delta R.T. 0.00 min

Lab File: BF112081.D

Acq: 17 Jan 2019 11:36

Tgt Ion: 136 Resp: 1083892

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.6	5.9	8.9
68	5.4	5.1	7.7





#23

Nitrobenzene-d5

Concen: 14.933 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112081.D

Acq: 17 Jan 2019 11:36

Instrument :

BNA_F

ClientSampleId :

OK-01-011519-B

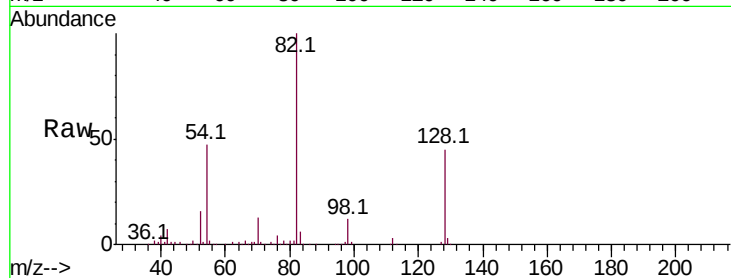
Tot Ion: 82 Resp: 234270

Ion Ratio Lower Upper

82 100

128 44.9 37.8 56.8

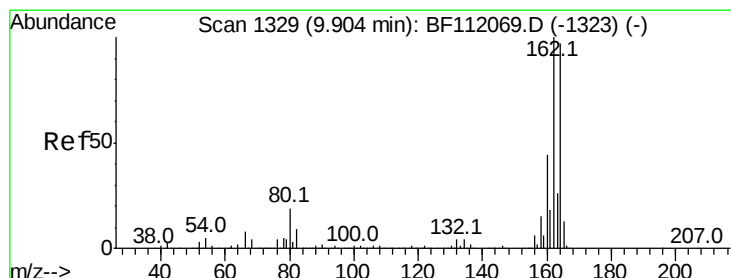
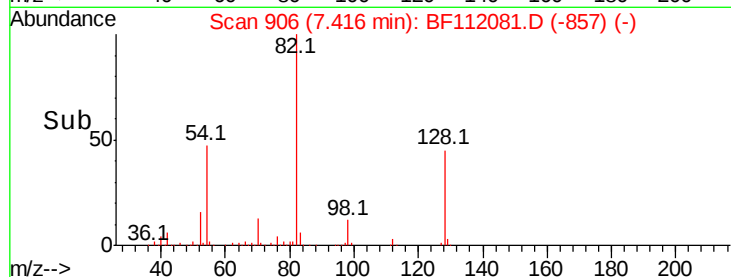
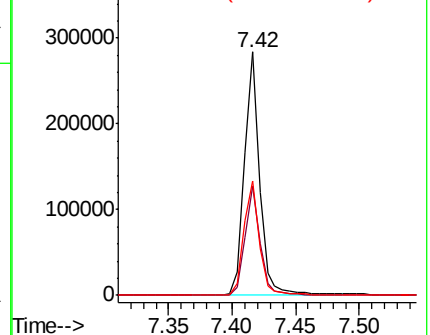
54 46.9 39.7 59.5



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112081.D

Acq: 17 Jan 2019 11:36

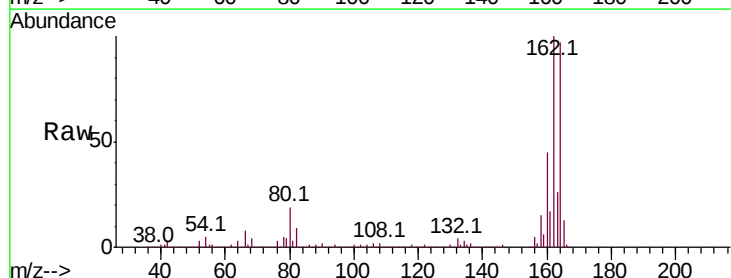
Tgt Ion:164 Resp: 505162

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.4

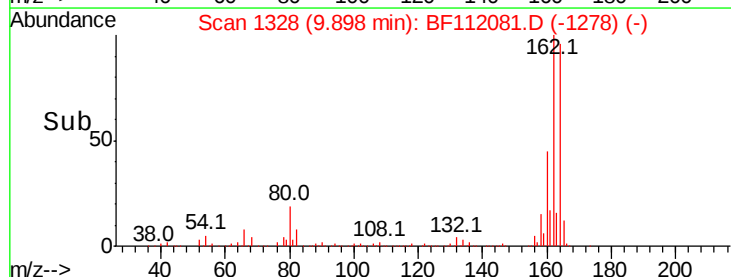
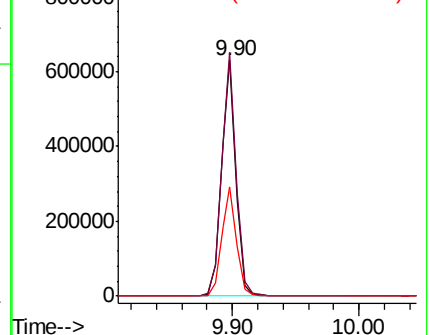
160 46.6 36.2 54.4

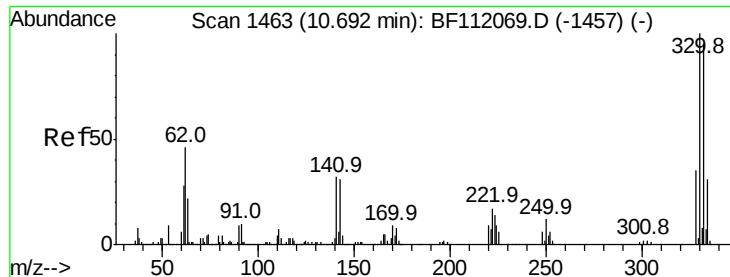


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

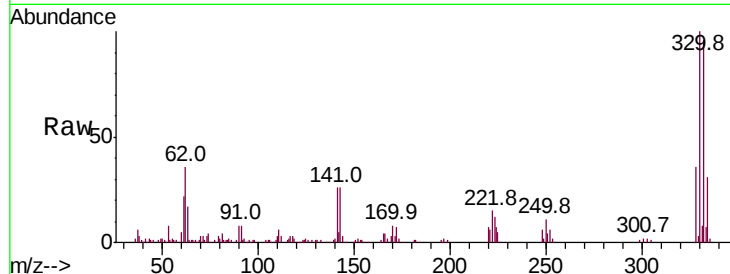




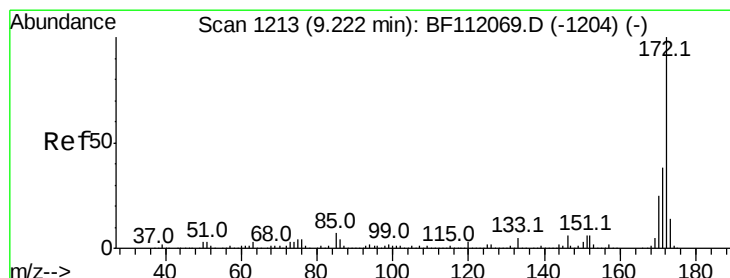
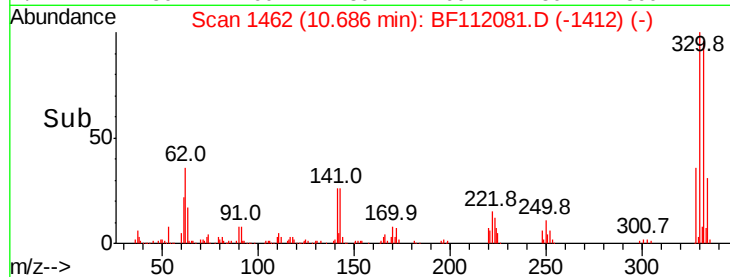
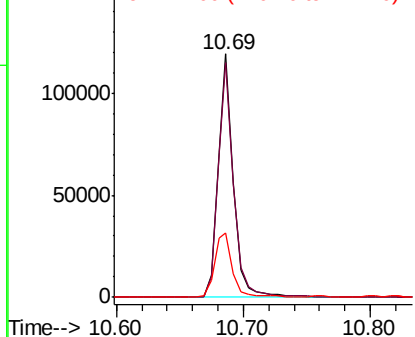
#42
 2,4,6-Tribromophenol
 Concen: 18.646 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112081.D
 Acq: 17 Jan 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-011519-B

Tot Ion:330 Resp: 101614
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 32.1 24.3 36.5

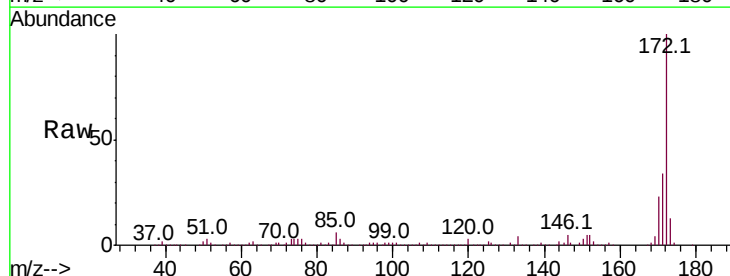


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

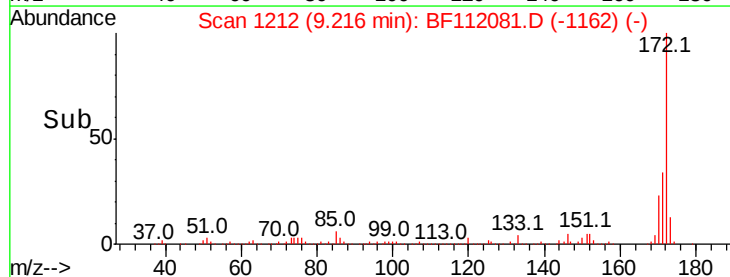
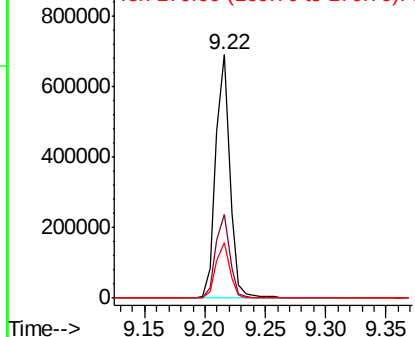


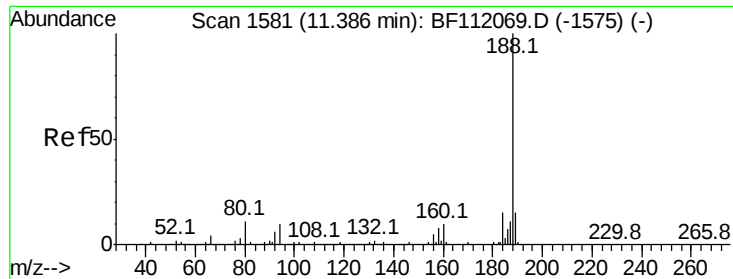
#45
 2-Fluorobiphenyl
 Concen: 16.200 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112081.D
 Acq: 17 Jan 2019 11:36

Tgt Ion:172 Resp: 558202
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.5 45.7
 170 22.8 20.2 30.4



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

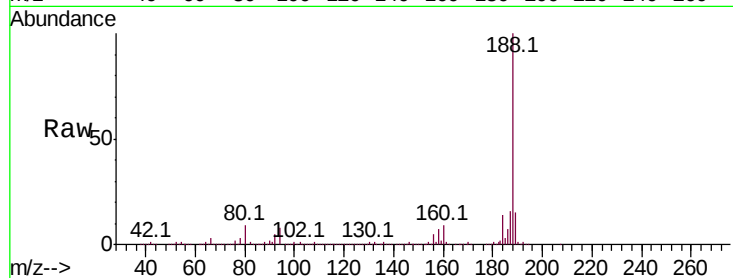




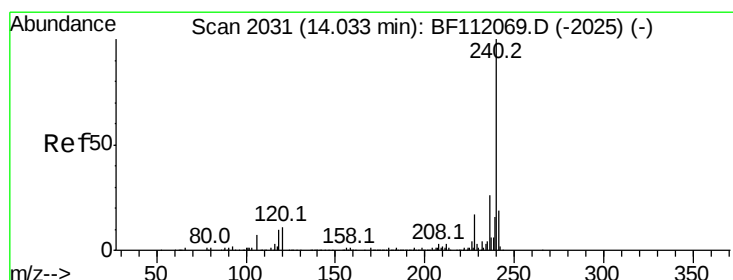
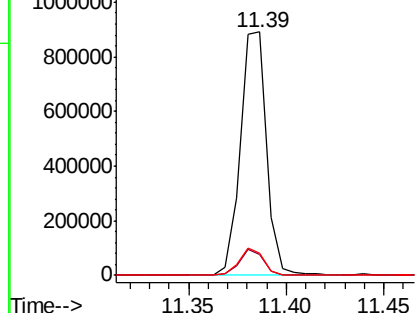
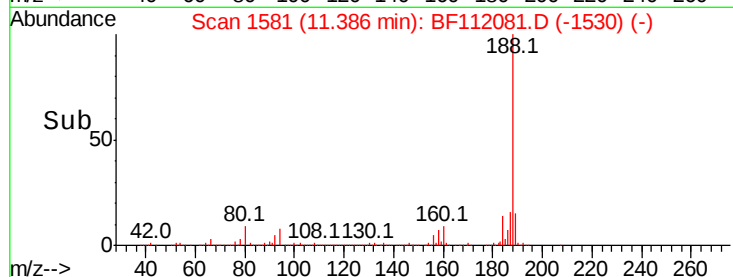
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112081.D
Acq: 17 Jan 2019 11:36

Instrument :
BNA_F
ClientSampleId :
OK-01-011519-B

Tot Ion:188 Resp: 829541
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.0 8.9 13.3

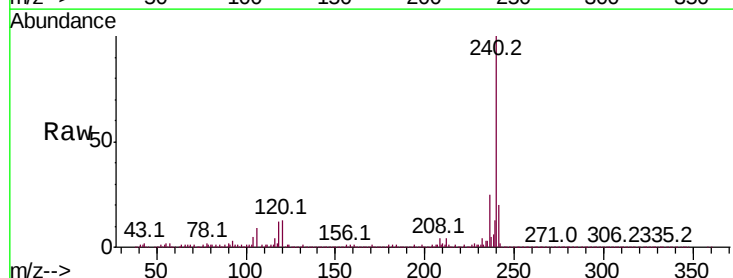


Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

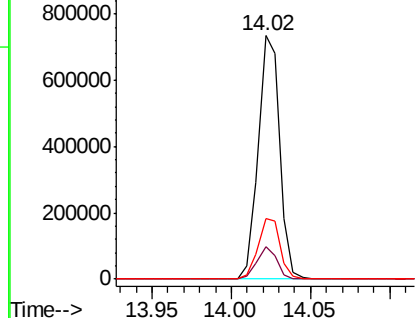
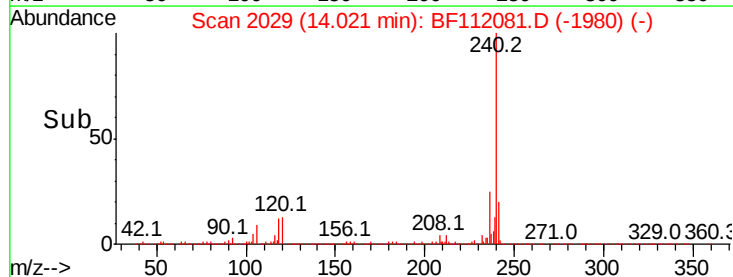


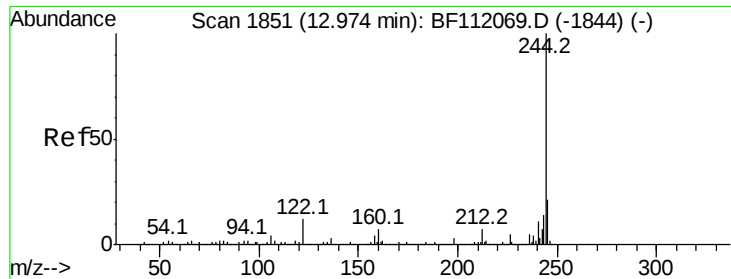
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112081.D
Acq: 17 Jan 2019 11:36

Tgt Ion:240 Resp: 693780
Ion Ratio Lower Upper
240 100
120 13.3 9.0 13.6
236 24.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
1000000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

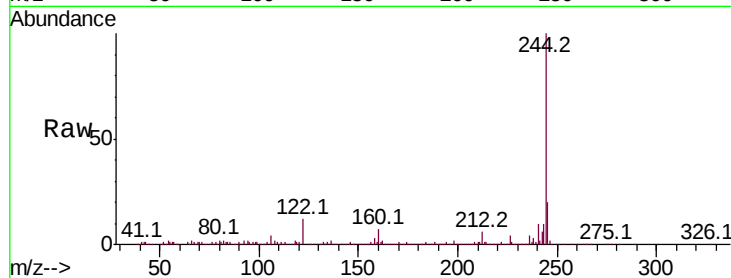




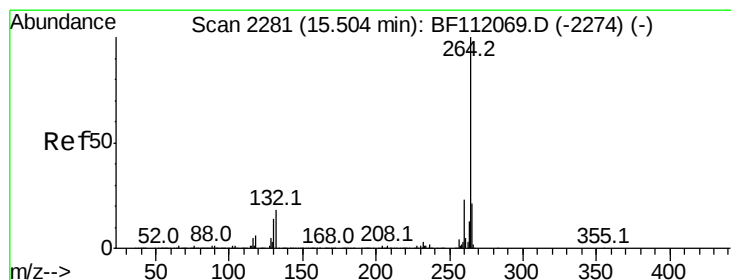
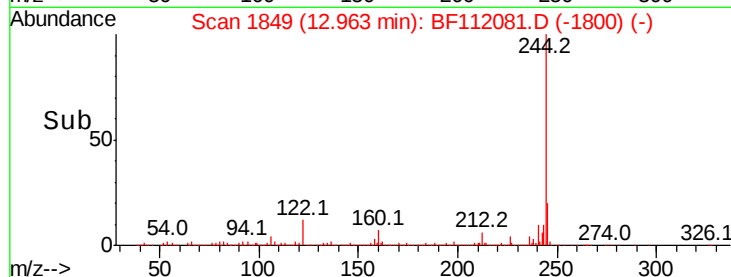
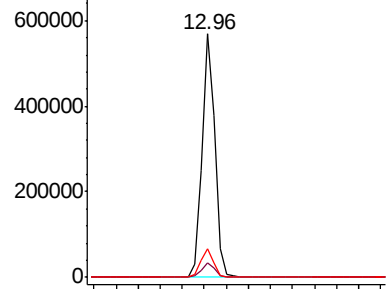
#79
 Terphenyl-d14
 Concen: 14.247 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112081.D
 Acq: 17 Jan 2019 11:36

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-011519-B

Tot Ion:244 Resp: 464631
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 12.0 9.8 14.6

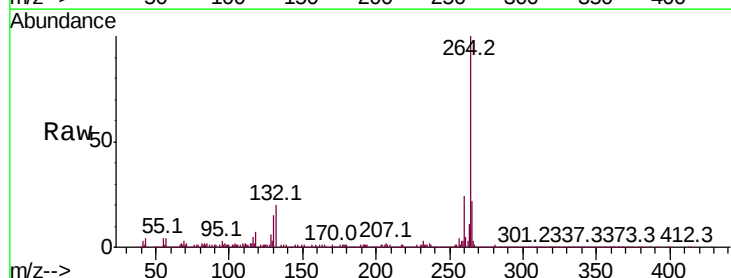


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF112081.D
 Acq: 17 Jan 2019 11:36

Tgt Ion:264 Resp: 625748
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.2 27.2
 265 21.8 17.0 25.4



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

