

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113071.D
 Acq On : 15 Mar 2019 17:45
 Operator : JU/SJ
 Sample : K1685-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Quant Time: Mar 15 23:46:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114923	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	479079	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	240279	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	499136	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	396569	20.00	ng	0.00
87) Perylene-d12	15.27	264	382758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	160620	21.74	ng	-0.01
7) Phenol-d6	6.36	99	214049	23.06	ng	-0.01
23) Nitrobenzene-d5	7.28	82	106520	13.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	73308	28.74	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	271340	14.27	ng	-0.01
79) Terphenyl-d14	12.82	244	307043	15.01	ng	0.00

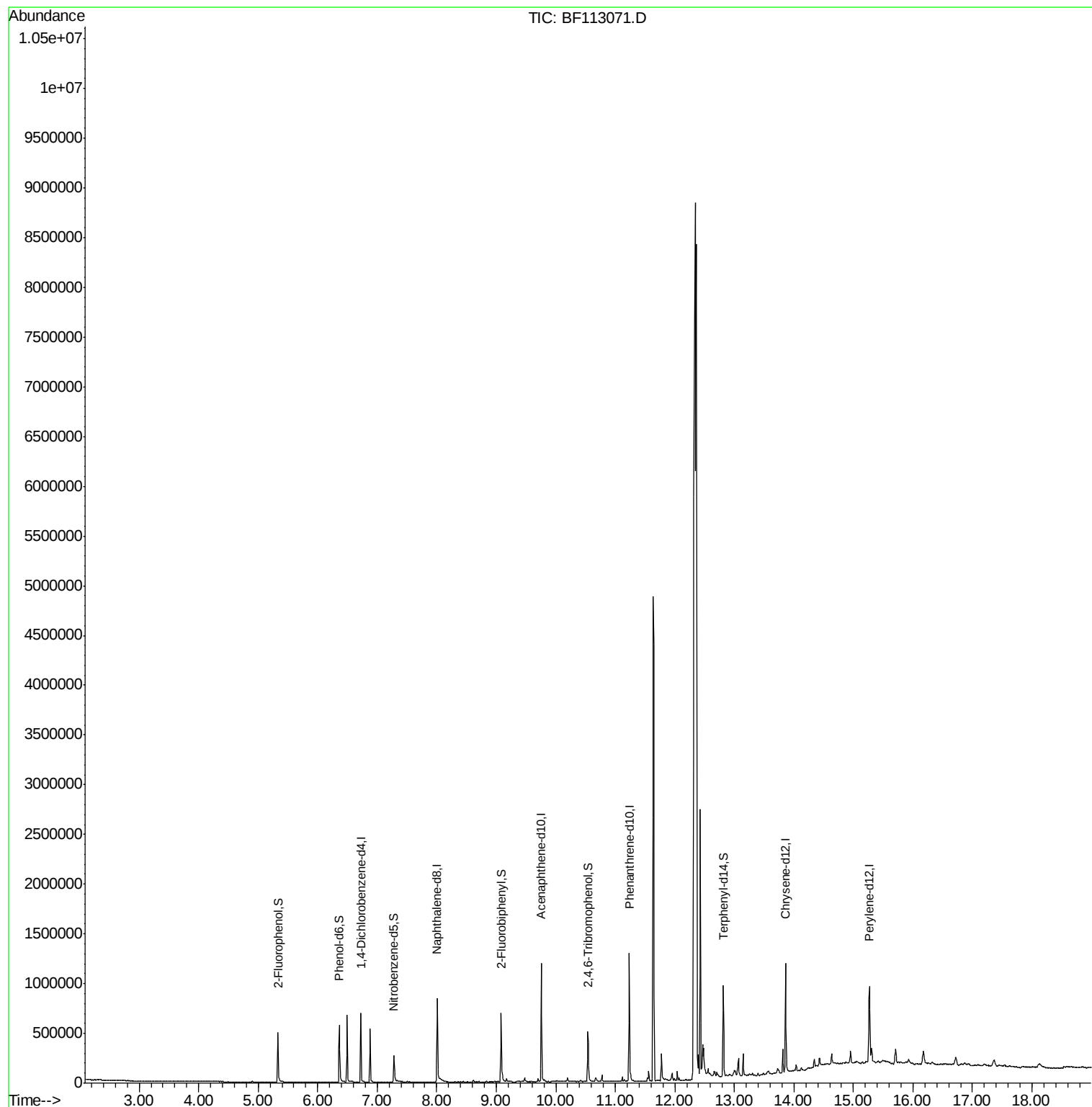
Target Compounds Qvalue

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

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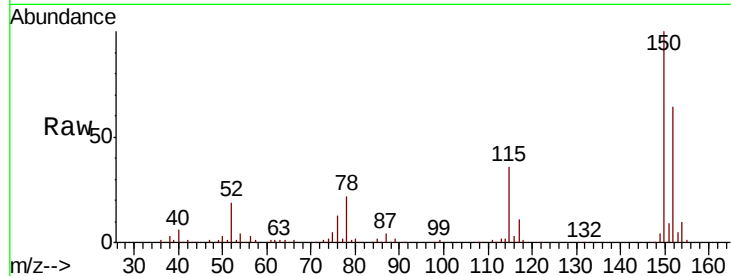


#1

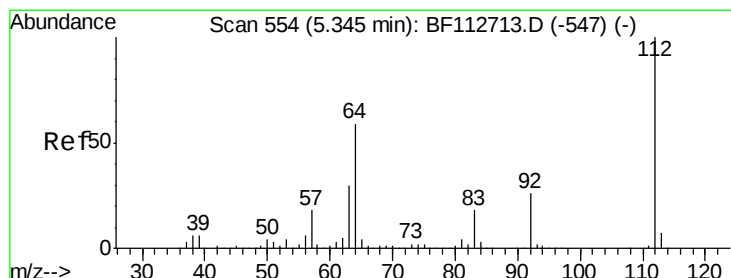
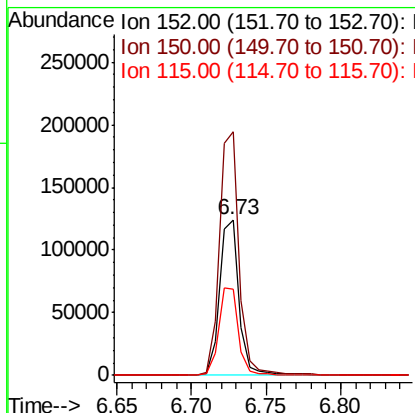
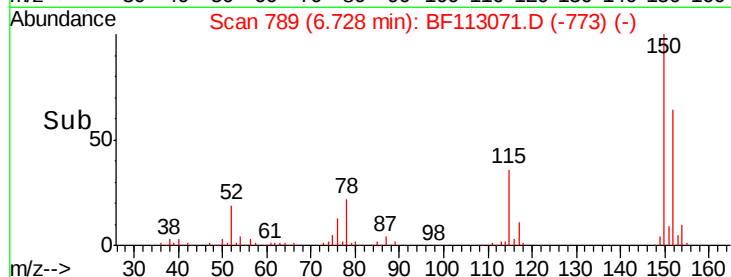
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

Instrument :
BNA_F
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AU-05-031419-B

Tot Ion:152 Resp: 114923
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.2
115 55.7 48.2 72.4



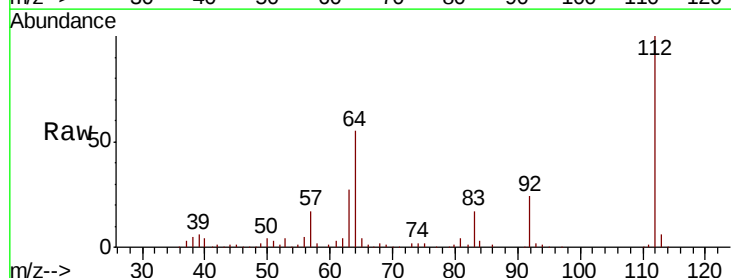
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



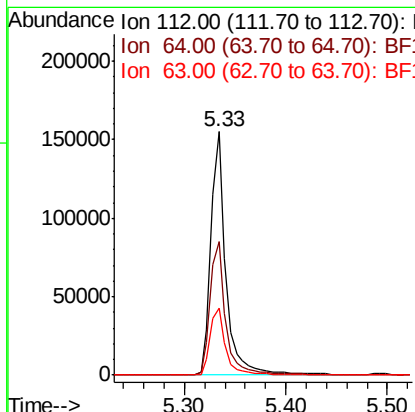
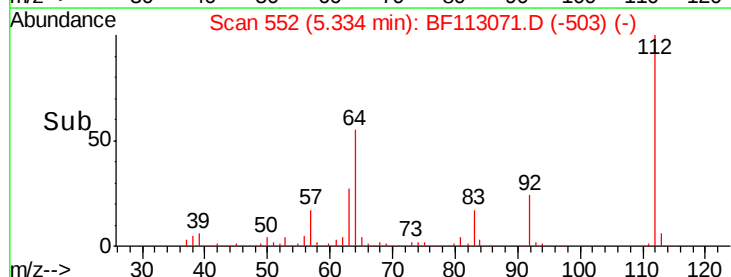
#5

2-Fluorophenol
Concen: 21.741 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

Tgt Ion:112 Resp: 160620
Ion Ratio Lower Upper
112 100
64 54.7 47.6 71.4
63 27.4 24.4 36.6



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: 23.064 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-B

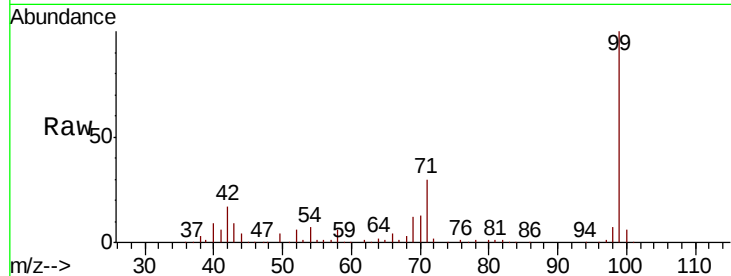
Tot Ion: 99 Resp: 214049

Ion Ratio Lower Upper

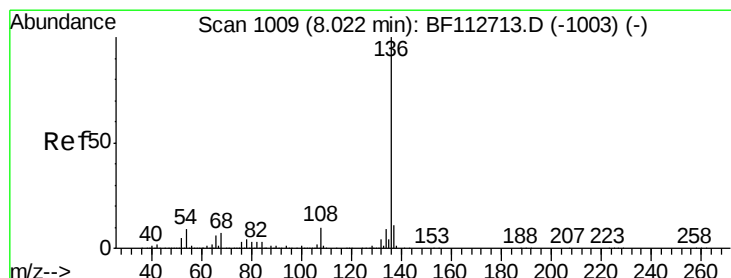
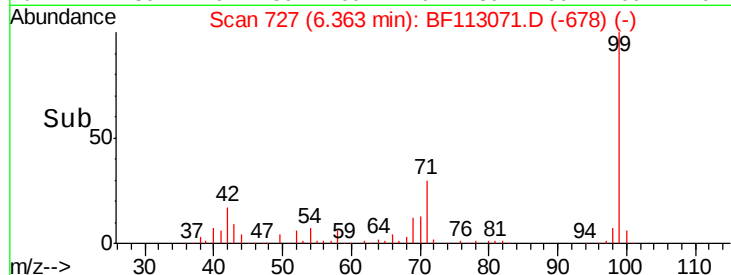
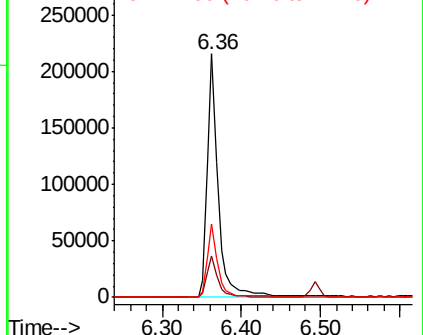
99 100

42 17.1 16.3 24.5

71 30.0 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113071.D

Acq: 15 Mar 2019 17:45

Tgt Ion: 136 Resp: 479079

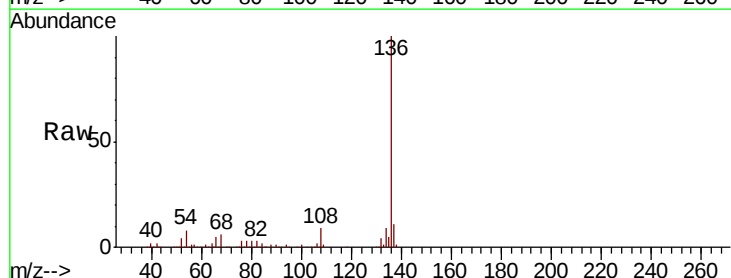
Ion Ratio Lower Upper

136 100

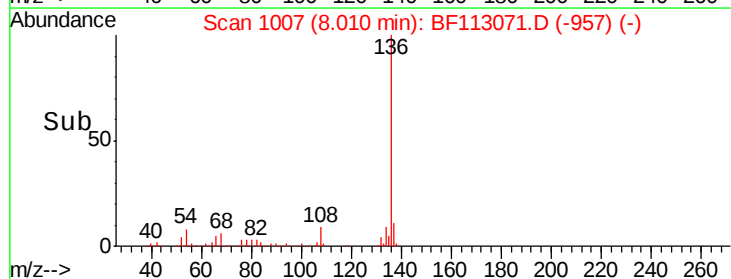
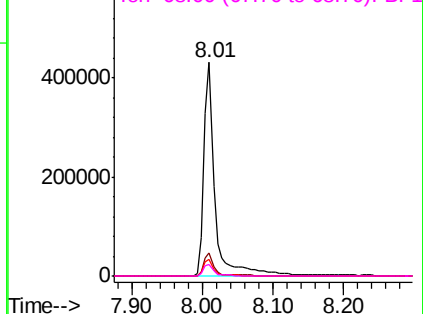
137 10.7 8.9 13.3

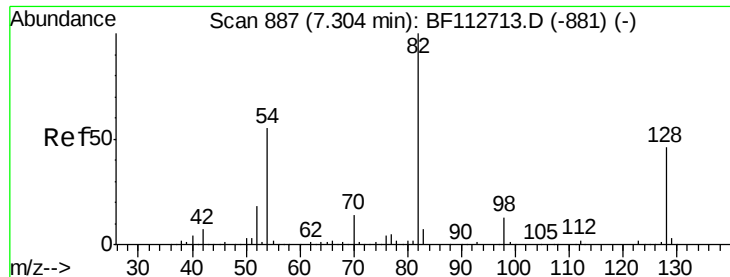
54 7.7 7.3 10.9

68 5.6 5.4 8.2



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

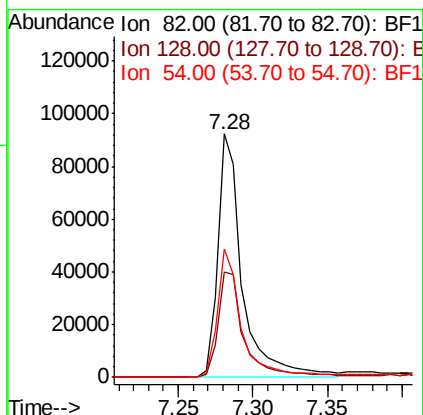
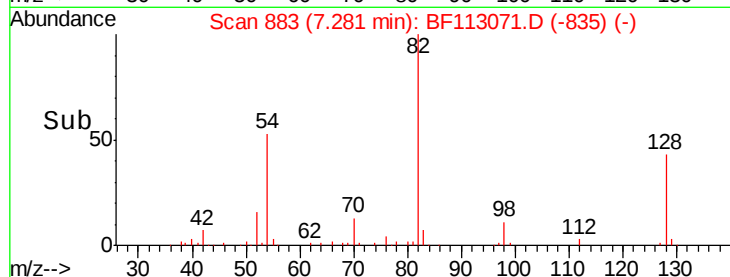
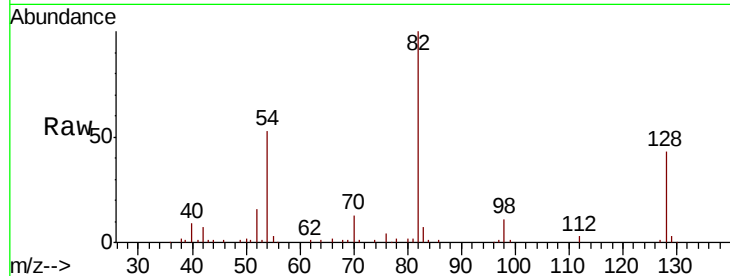




#23
 Nitrobenzene-d5
 Concen: 13.305 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

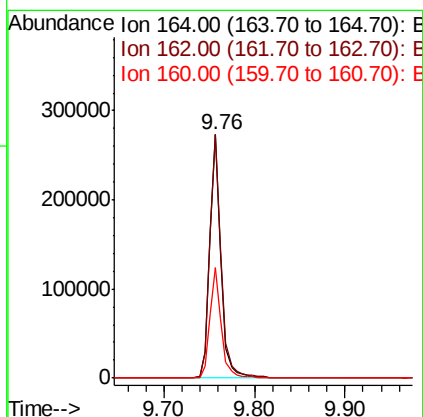
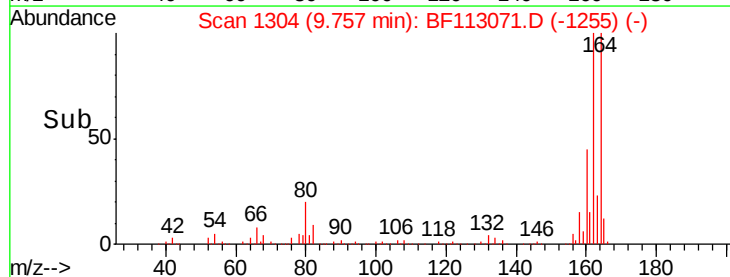
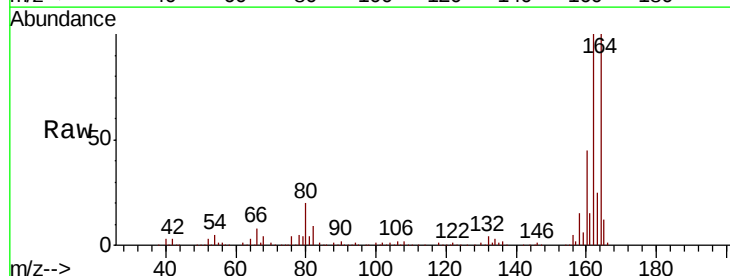
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

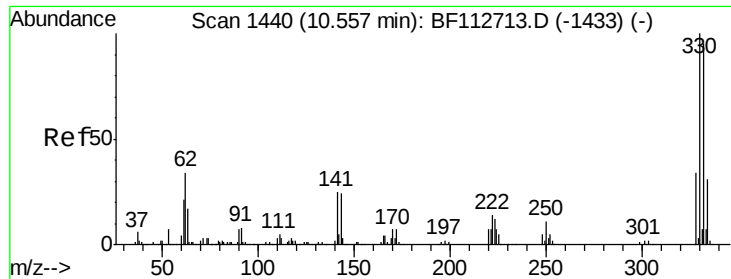
Tot Ion: 82 Resp: 106520
 Ion Ratio Lower Upper
 82 100
 128 43.5 36.3 54.5
 54 53.0 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion: 164 Resp: 240279
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 45.4 36.0 54.0

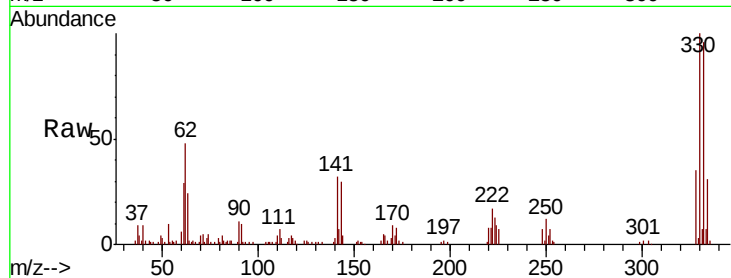




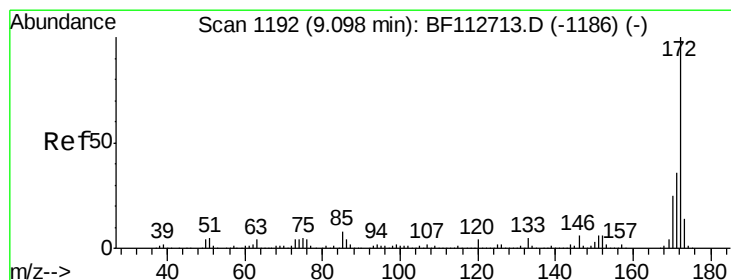
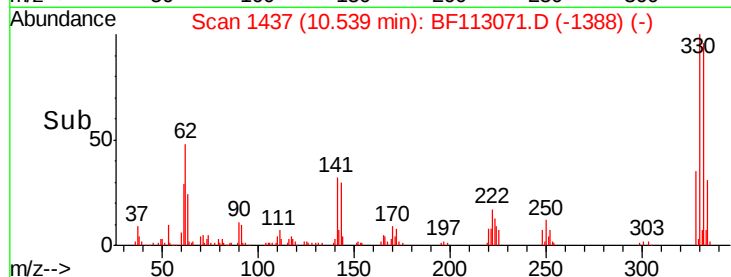
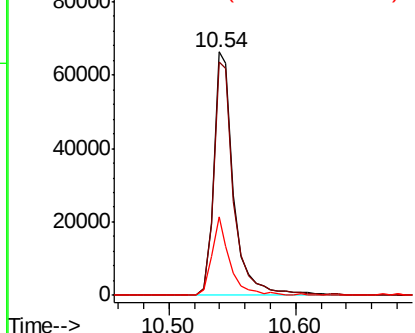
#42
 2,4,6-Tribromophenol
 Concen: 28.739 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Tot Ion:330 Resp: 73308
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 28.7 27.0 40.6

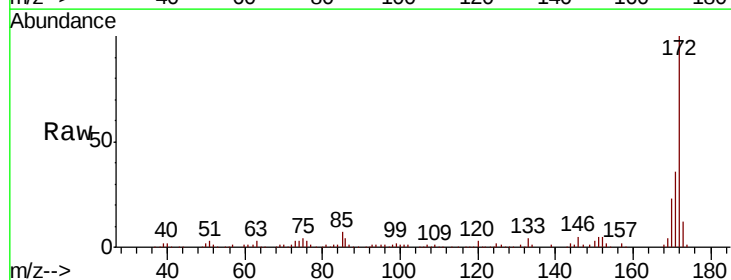


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

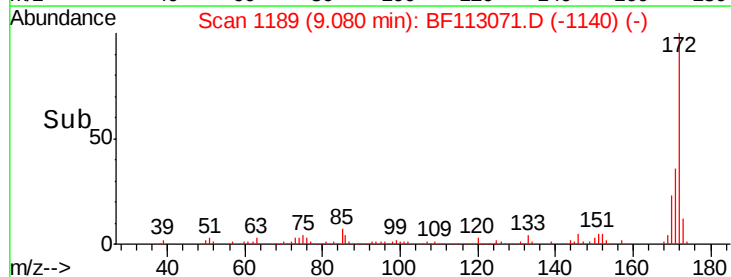
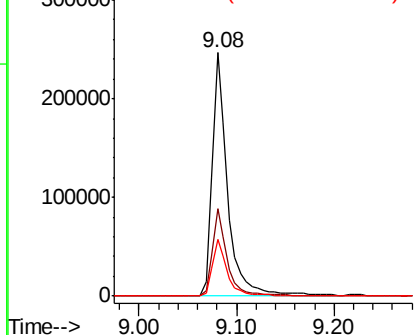


#45
 2-Fluorobiphenyl
 Concen: 14.266 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion:172 Resp: 271340
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 23.4 20.0 30.0



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

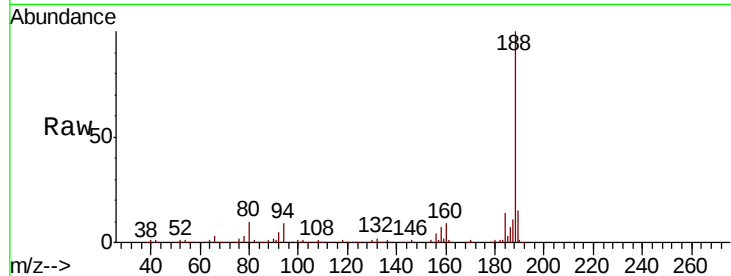




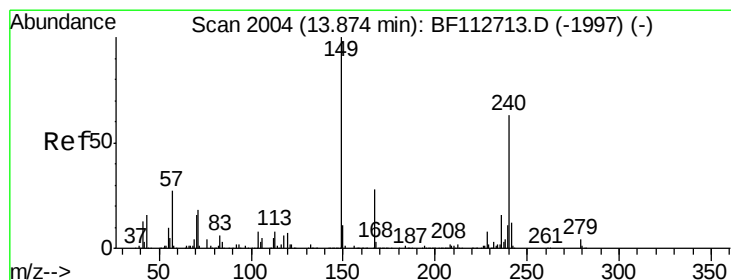
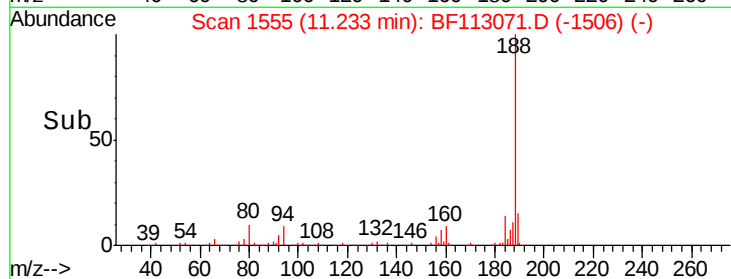
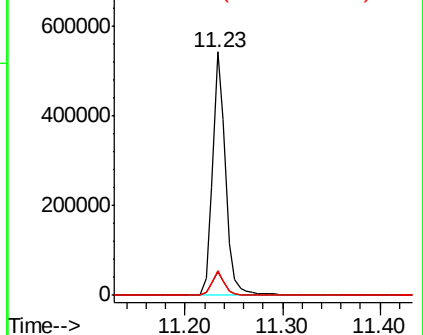
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-B

Tot Ion:188 Resp: 499136
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 10.0 9.2 13.8

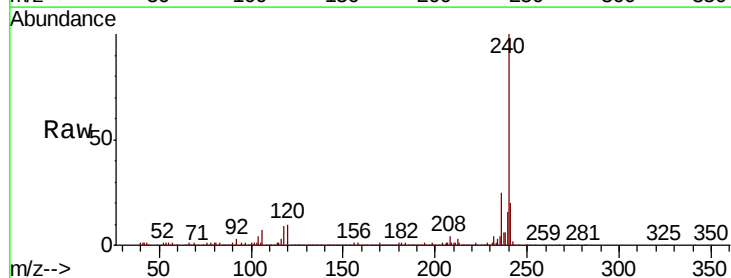


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

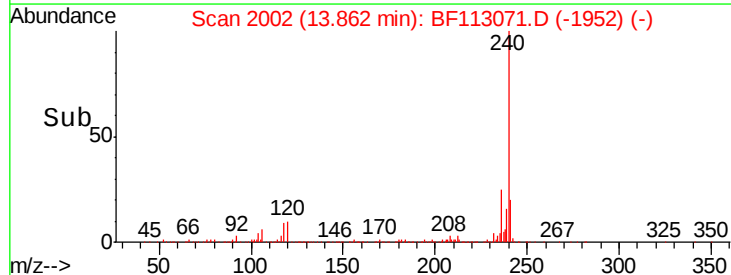
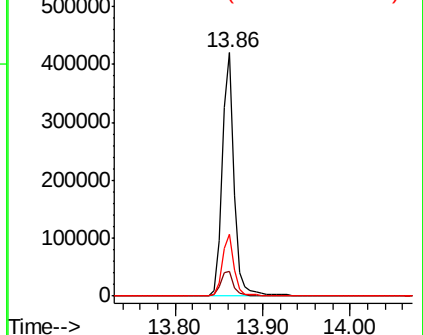


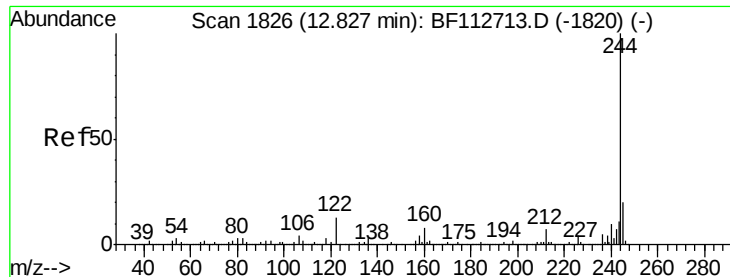
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113071.D
Acq: 15 Mar 2019 17:45

Tgt Ion:240 Resp: 396569
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.4 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

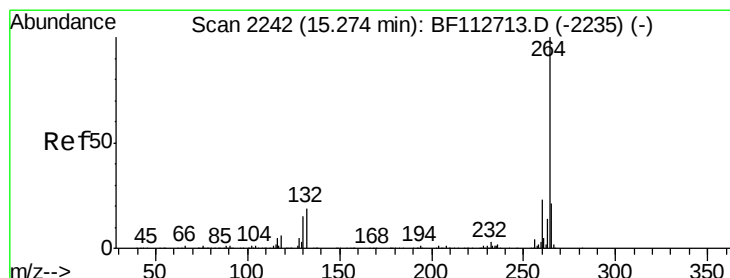
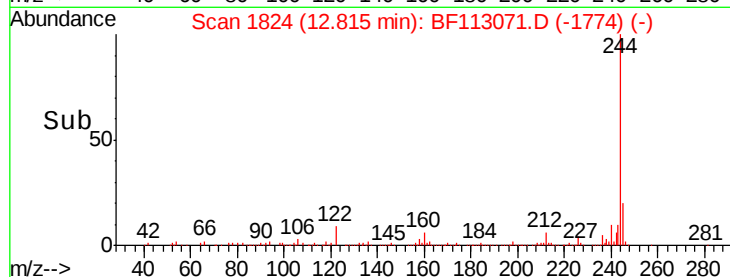
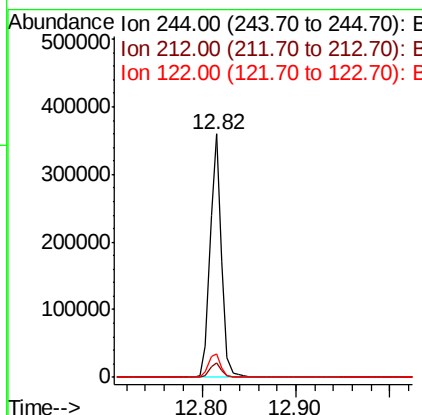
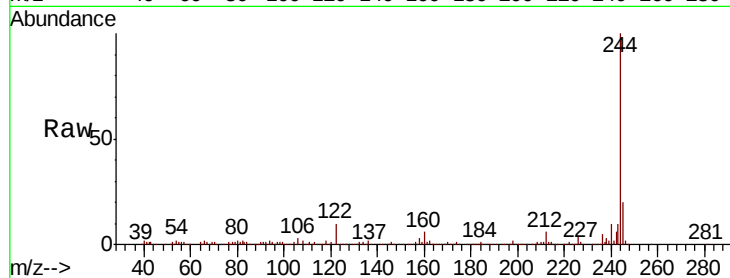




#79
 Terphenyl-d14
 Concen: 15.009 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-B

Tot Ion:244 Resp: 307043
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 9.6 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113071.D
 Acq: 15 Mar 2019 17:45

Tgt Ion:264 Resp: 382758
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.2 17.2 25.8

