

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112335.D
 Acq On : 30 Jan 2019 21:34
 Operator : JU/SJ
 Sample : K1282-28
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Jan 31 00:47:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	132770	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	489988	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	219850	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	388444	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	315322	20.00	ng	-0.01
87) Perylene-d12	15.47	264	331581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	945396	151.25	ng	0.00
7) Phenol-d6	6.49	99	1044684	120.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	807532	94.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	350226	136.86	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1597171	102.75	ng	-0.01
79) Terphenyl-d14	12.94	244	1408041	84.10	ng	-0.01

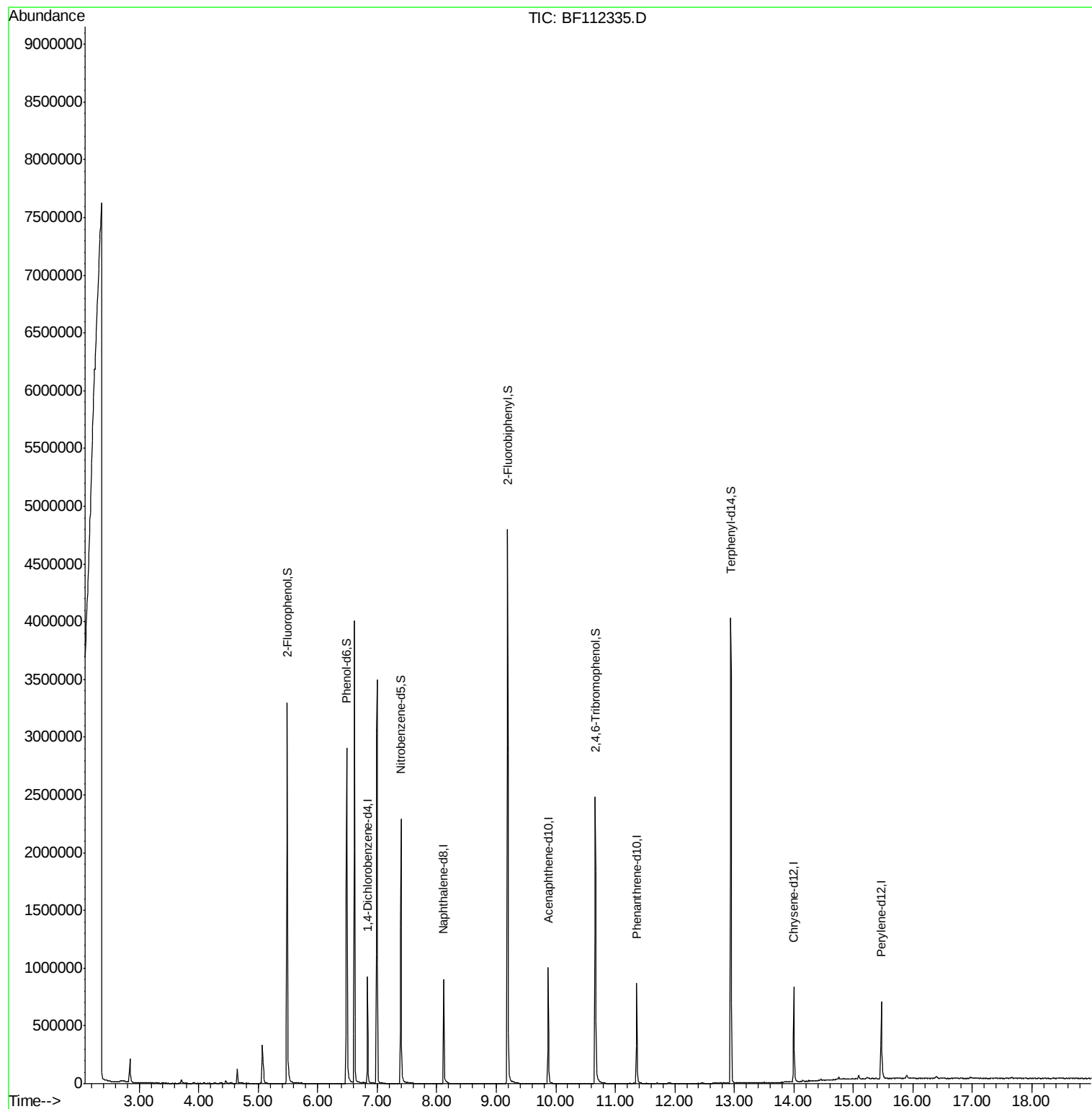
Target Compounds Qvalue

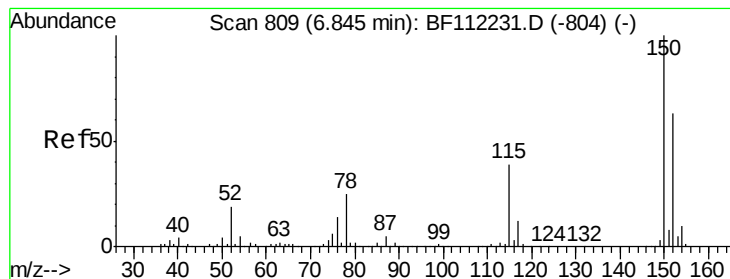
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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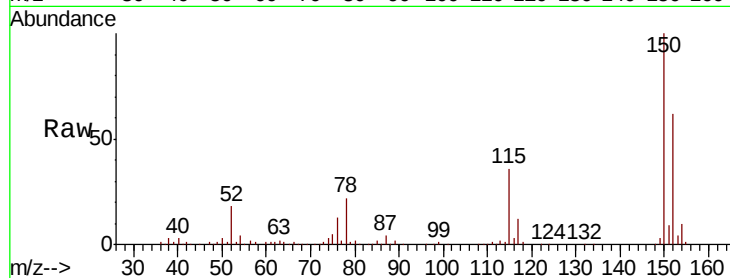


#1

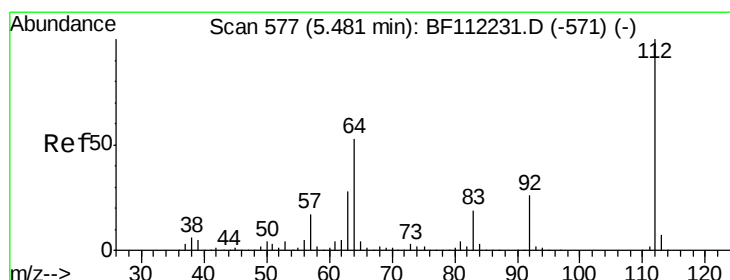
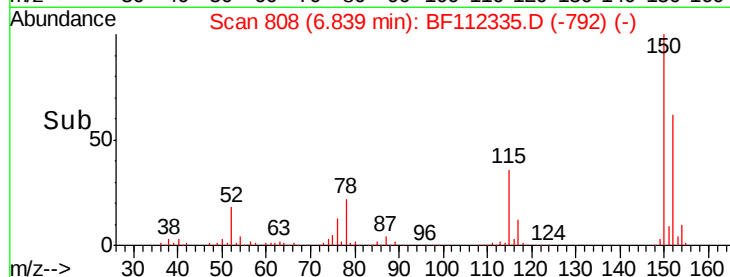
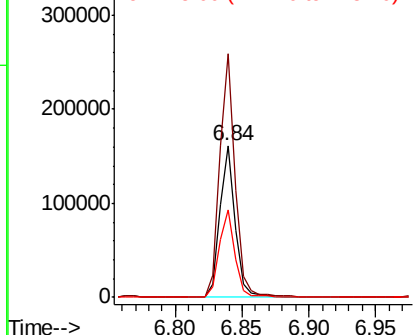
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112335.D
Acq: 30 Jan 2019 21:34

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:152 Resp: 132770
Ion Ratio Lower Upper
152 100
150 160.7 127.4 191.0
115 57.4 45.5 68.3



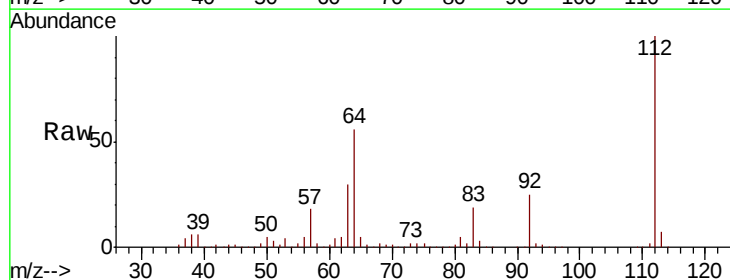
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



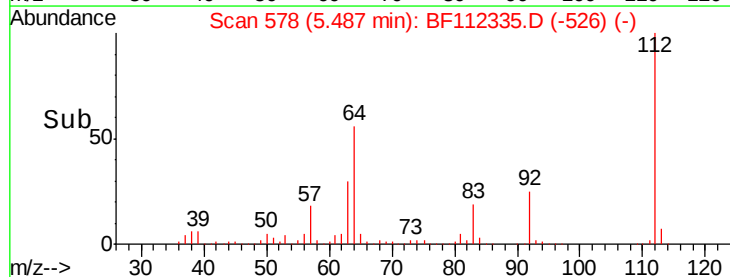
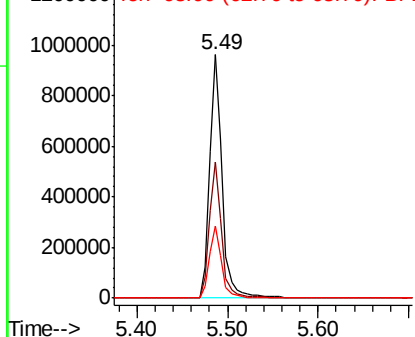
#5

2-Fluorophenol
Concen: 151.245 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112335.D
Acq: 30 Jan 2019 21:34

Tgt Ion:112 Resp: 945396
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 29.7 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: 120.276 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112335.D

Acq: 30 Jan 2019 21:34

Instrument :

BNA_F

ClientSampleId :

TP-7

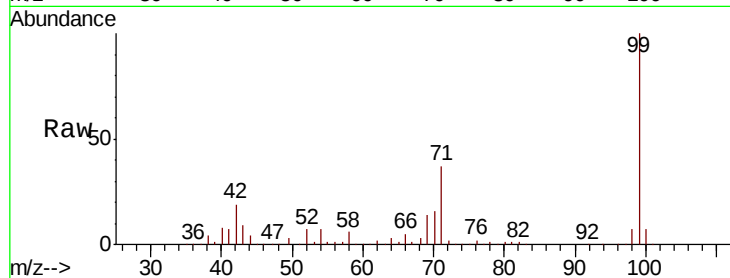
Tot Ion: 99 Resp: 1044684

Ion Ratio Lower Upper

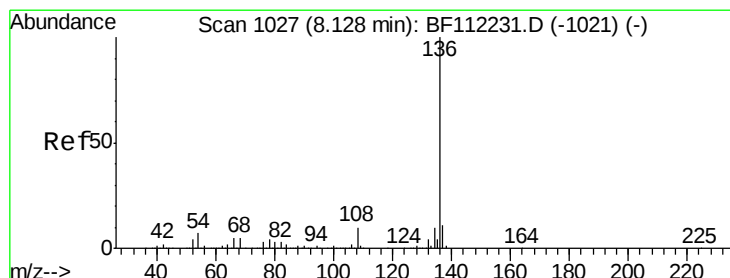
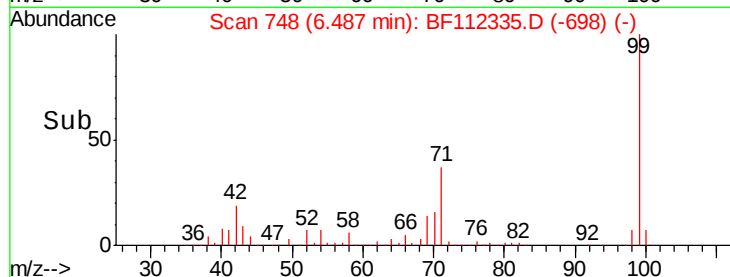
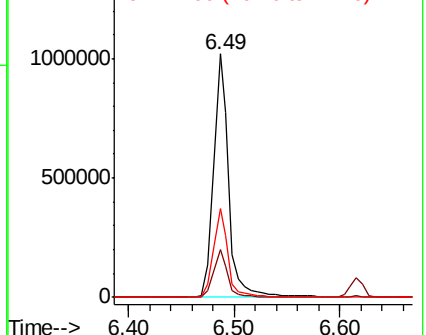
99 100

42 19.4 15.1 22.7

71 36.7 26.9 40.3



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112335.D

Acq: 30 Jan 2019 21:34

Tgt Ion: 136 Resp: 489988

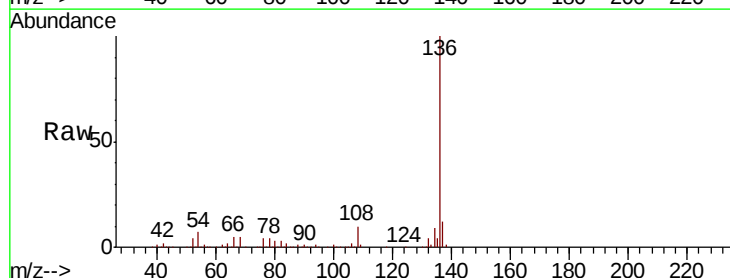
Ion Ratio Lower Upper

136 100

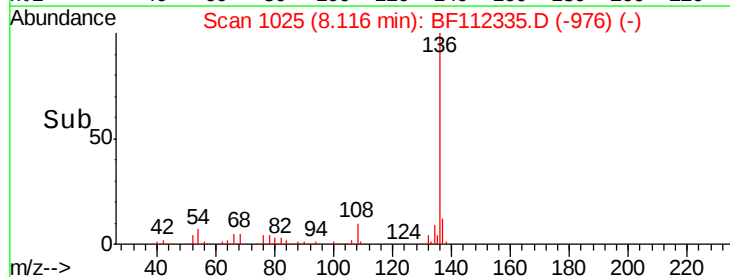
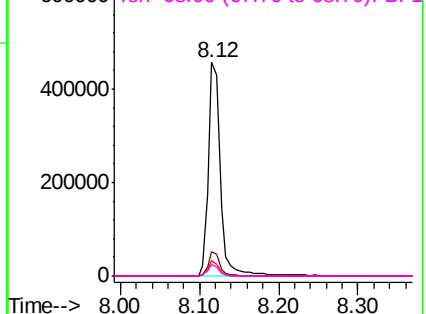
137 11.5 9.1 13.7

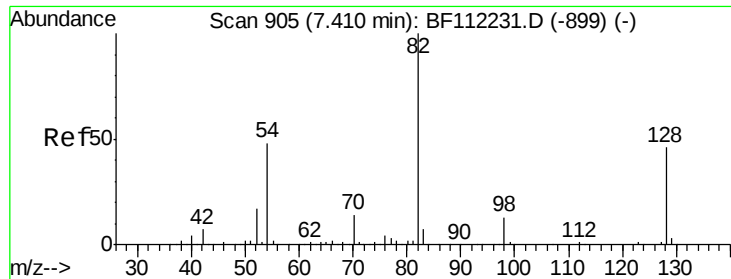
54 6.9 5.9 8.9

68 5.4 5.1 7.7



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

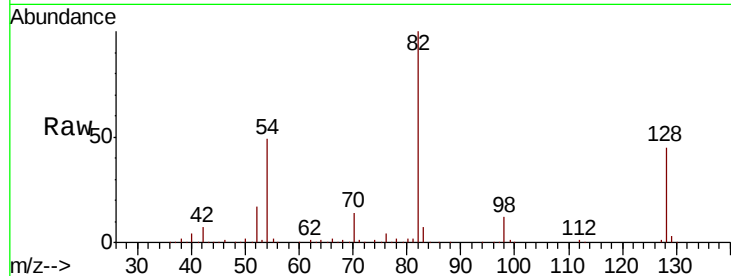




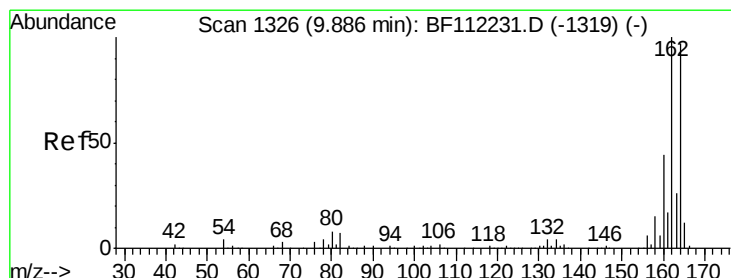
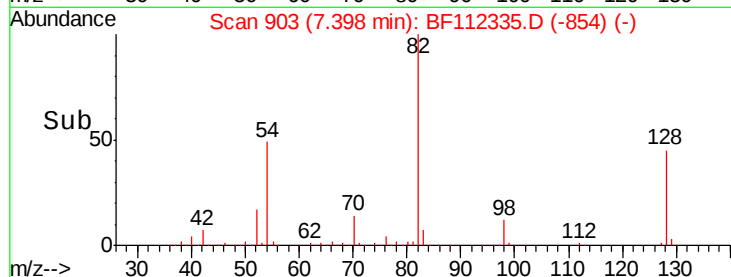
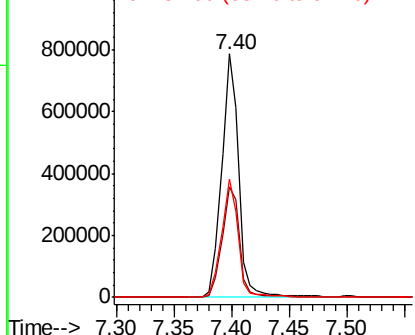
#23
 Nitrobenzene-d5
 Concen: 94.961 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion: 82 Resp: 807532
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.8 56.8
 54 48.7 39.7 59.5

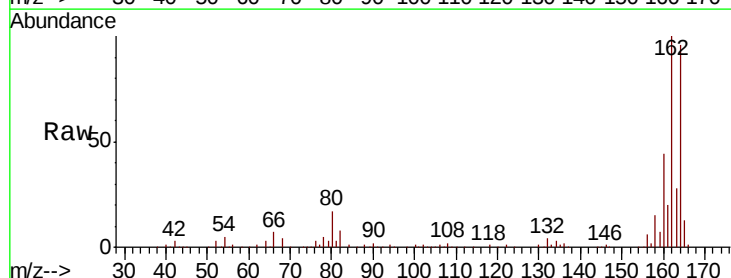


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

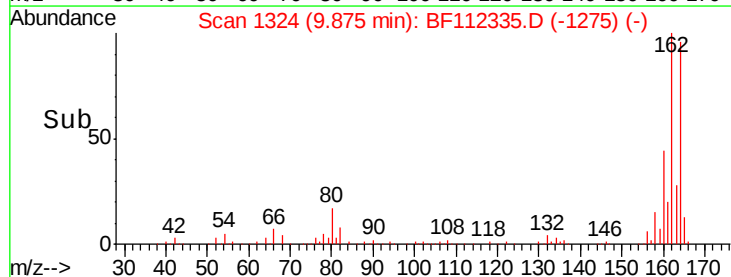
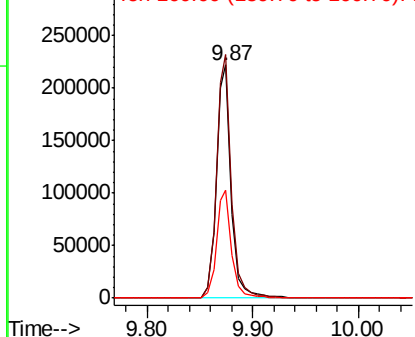


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Tgt Ion:164 Resp: 219850
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.4
 160 46.3 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

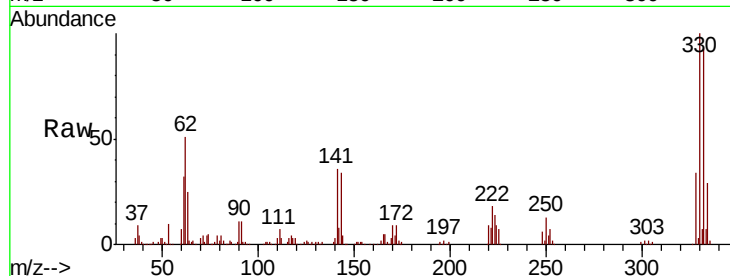




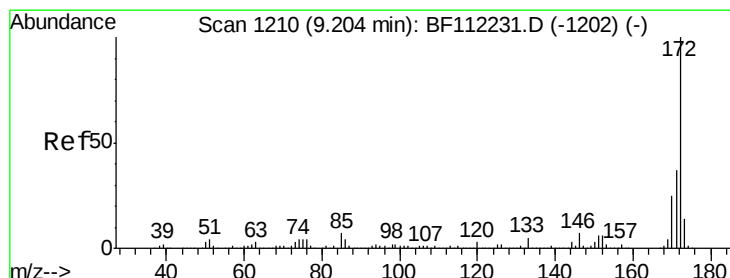
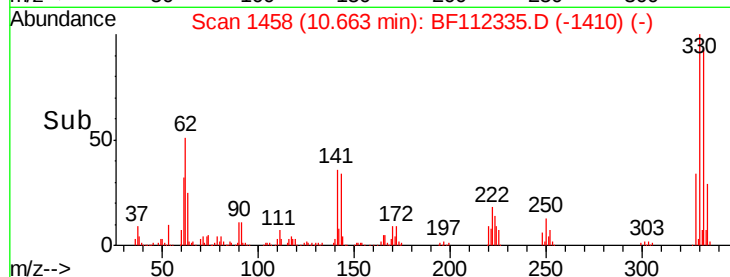
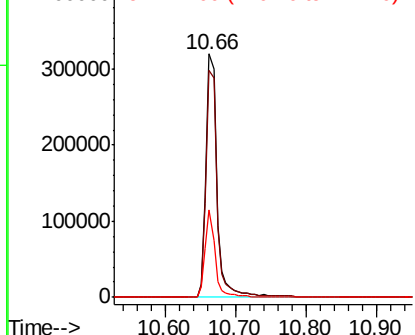
#42
 2,4,6-Tribromophenol
 Concen: 136.861 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:330 Resp: 350226
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 32.7 24.3 36.5

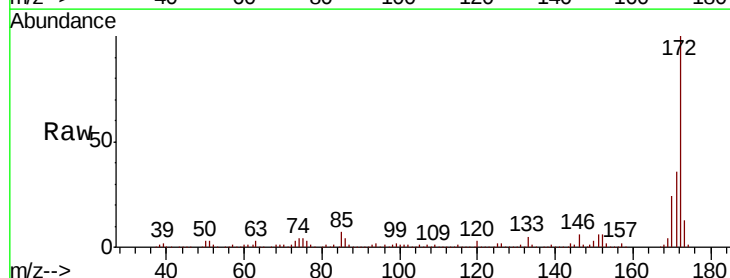


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

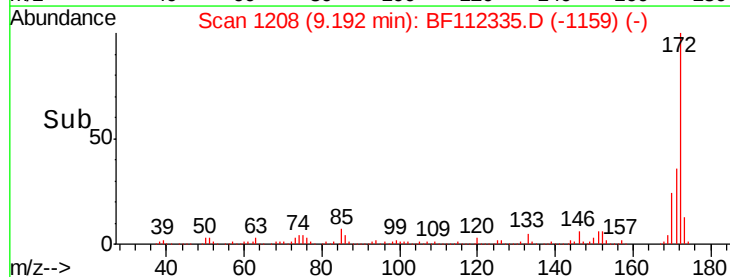
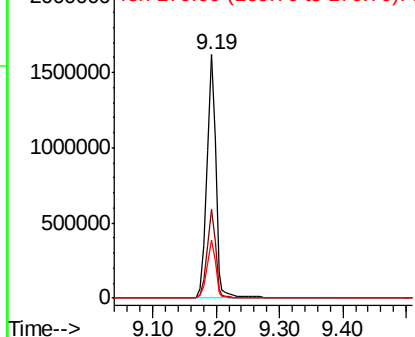


#45
 2-Fluorobiphenyl
 Concen: 102.749 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Tgt Ion:172 Resp: 1597171
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.5 45.7
 170 23.9 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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112335.D

Acq: 30 Jan 2019 21:34

Instrument :

BNA_F

ClientSampleId :

TP-7

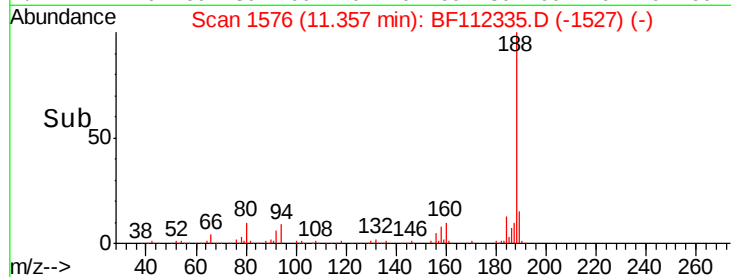
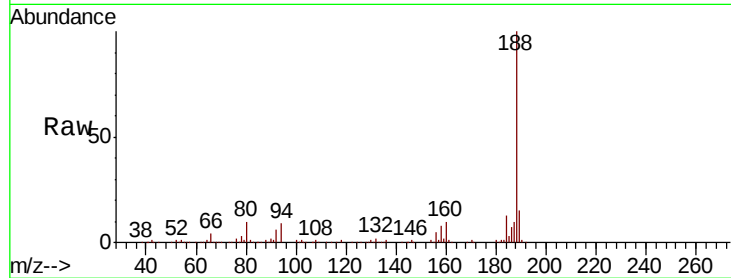
Tot Ion:188 Resp: 388444

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

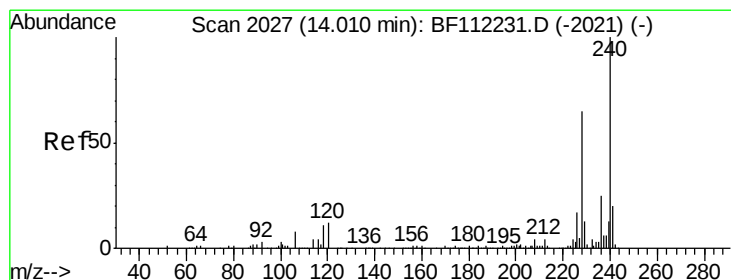
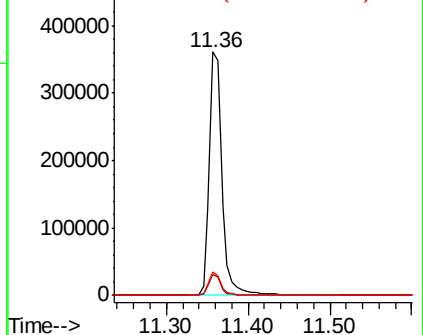
80 9.8 8.9 13.3



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112335.D

Acq: 30 Jan 2019 21:34

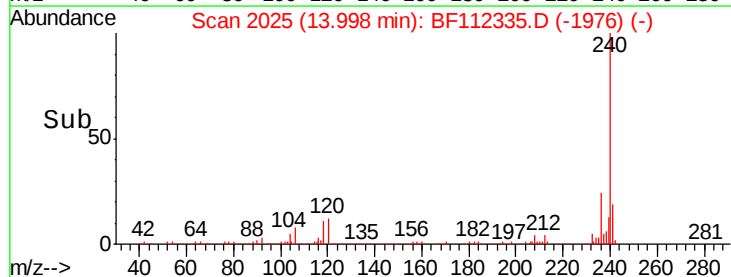
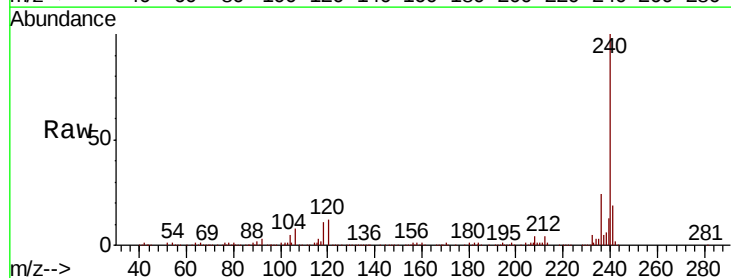
Tgt Ion:240 Resp: 315322

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

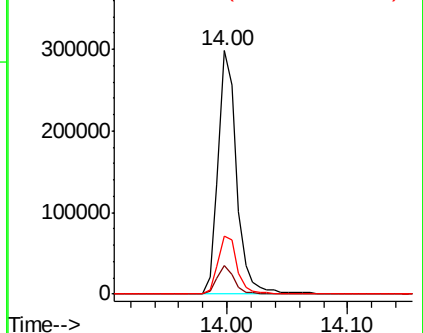
236 24.0 20.7 31.1



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

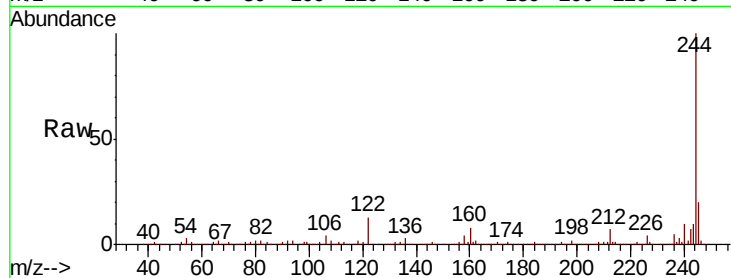




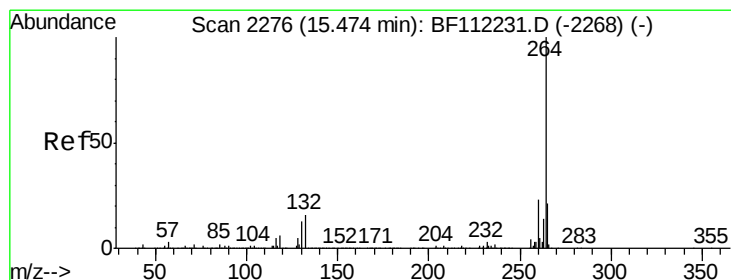
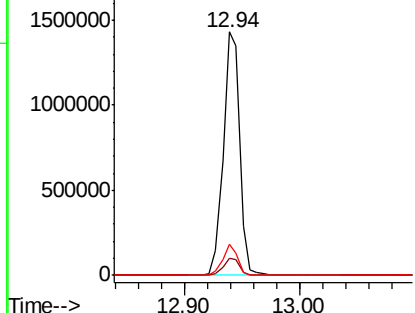
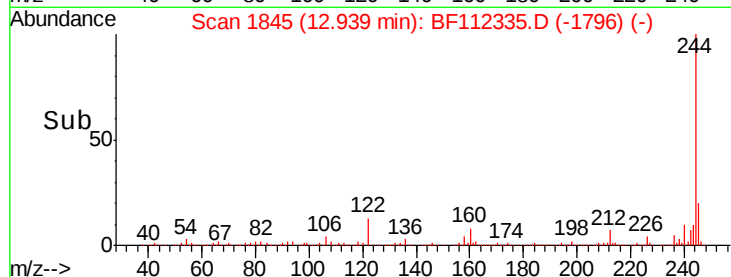
#79
 Terphenyl-d14
 Concen: 84.104 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:244 Resp: 1408041
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.7 9.8 14.6

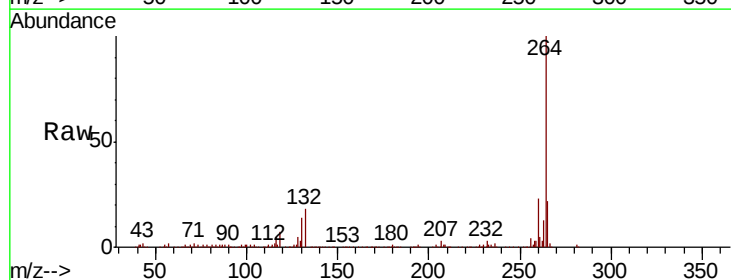


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112335.D
 Acq: 30 Jan 2019 21:34

Tgt Ion:264 Resp: 331581
 Ion Ratio Lower Upper
 264 100
 260 23.2 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

