

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013019\
 Data File : BF112334.D
 Acq On : 30 Jan 2019 21:04
 Operator : JU/SJ
 Sample : K1282-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jan 31 00:46:29 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	134666	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503745	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	225709	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	409095	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	324004	20.00	ng	-0.01
87) Perylene-d12	15.47	264	330639	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	978888	154.40	ng	0.00
7) Phenol-d6	6.49	99	1081522	122.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	817843	93.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	359457	136.82	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1617279	101.34	ng	-0.01
79) Terphenyl-d14	12.94	244	1520152	88.37	ng	-0.01

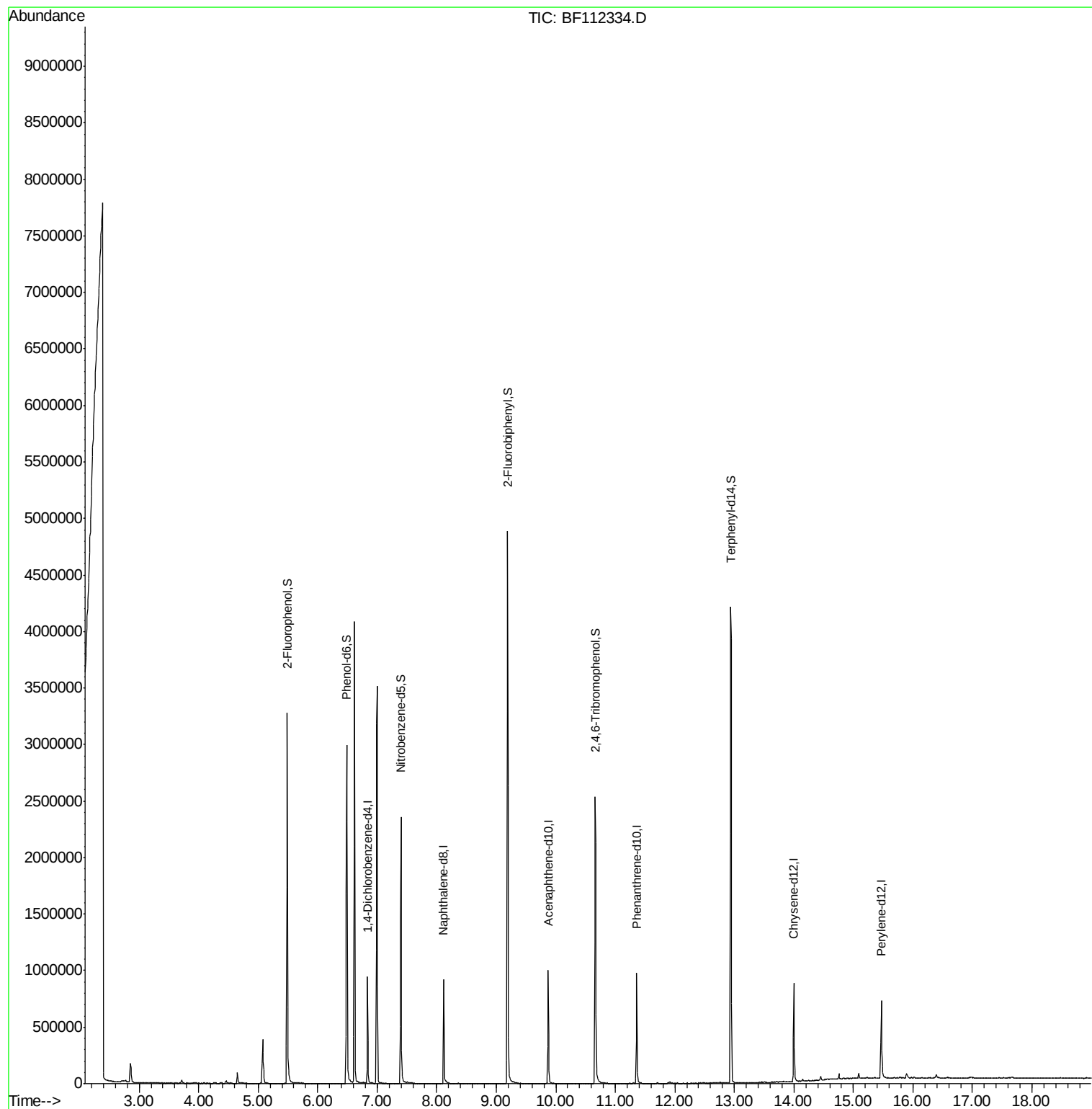
Target Compounds Qvalue

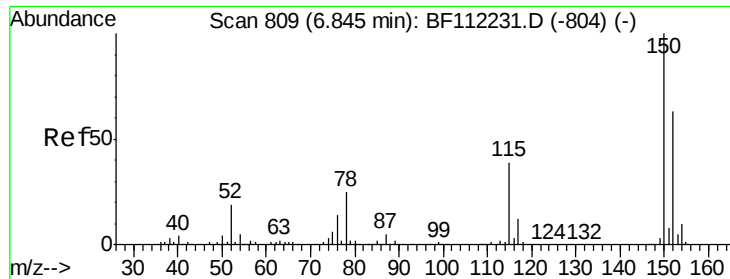
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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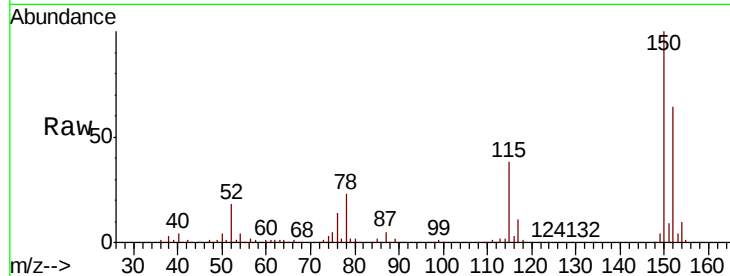


#1

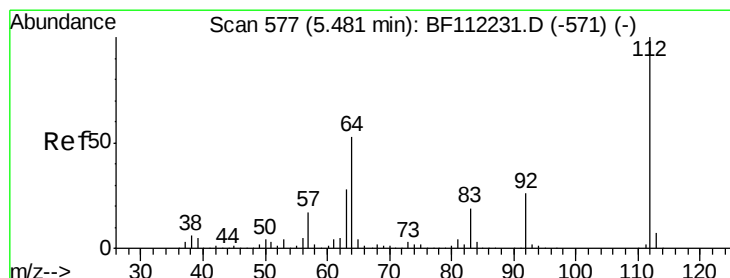
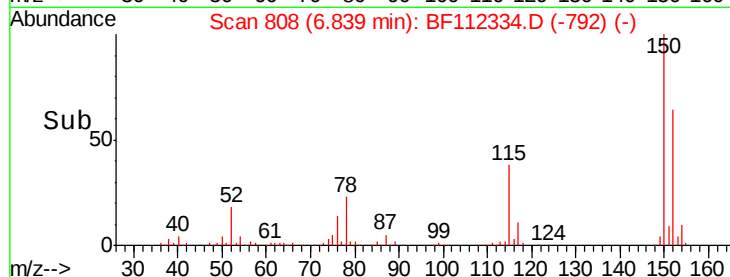
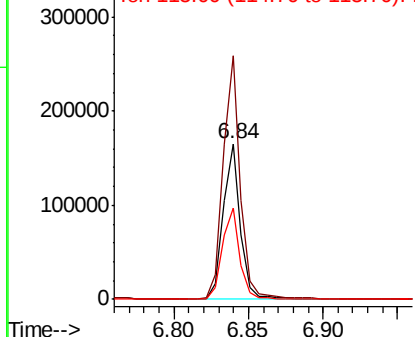
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:152 Resp: 134666
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 58.6 45.5 68.3



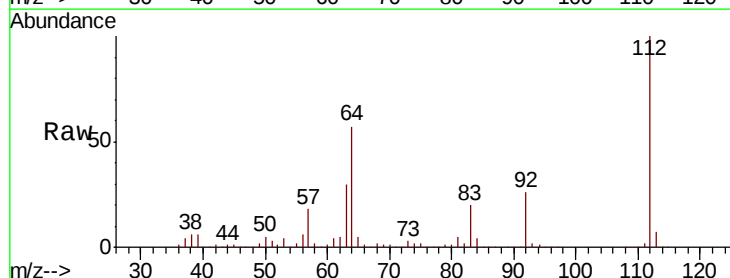
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



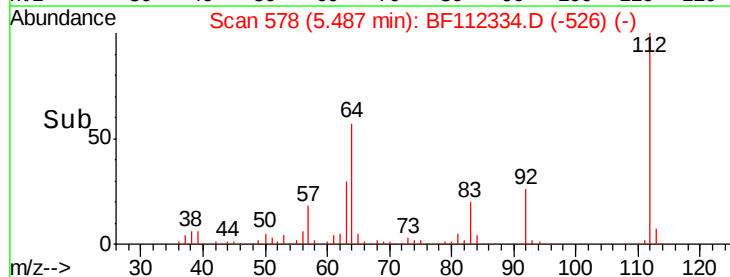
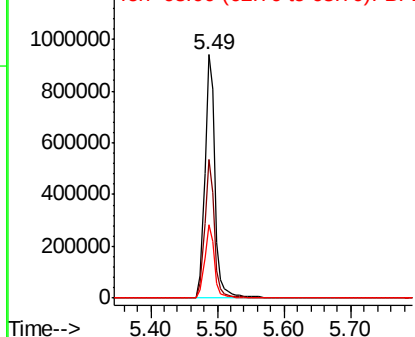
#5

2-Fluorophenol
Concen: 154.398 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:112 Resp: 978888
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 30.4 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: 122.764 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Instrument :

BNA_F

ClientSampled :

TP-6

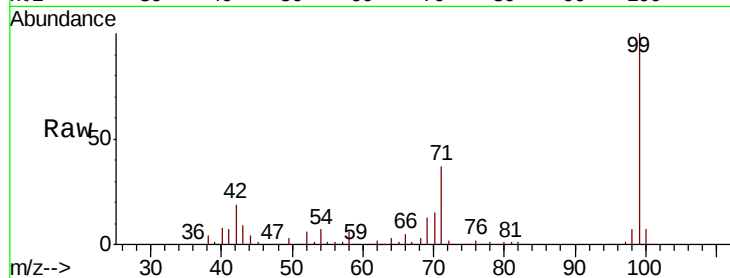
Tot Ion: 99 Resp: 1081522

Ion Ratio Lower Upper

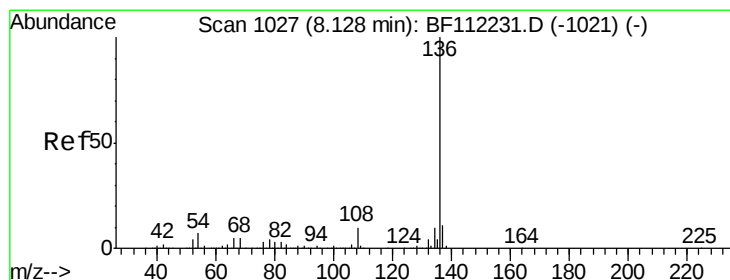
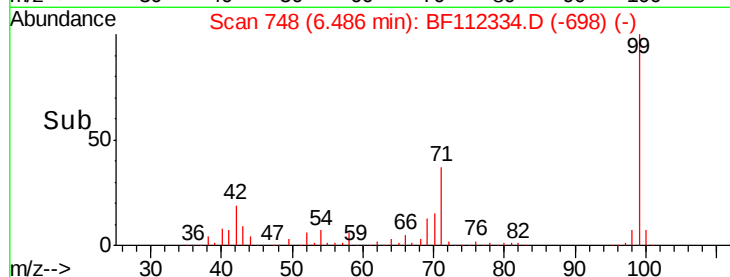
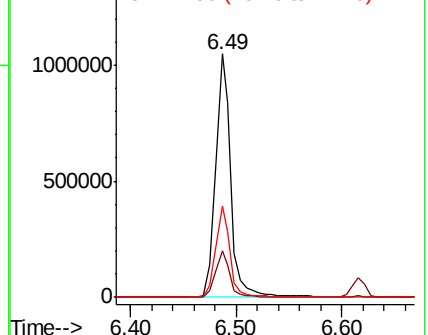
99 100

42 19.2 15.1 22.7

71 37.3 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: BF112334.D

Acq: 30 Jan 2019 21:04

Tgt Ion: 136 Resp: 503745

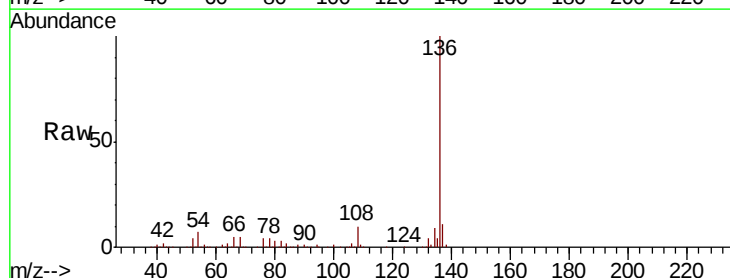
Ion Ratio Lower Upper

136 100

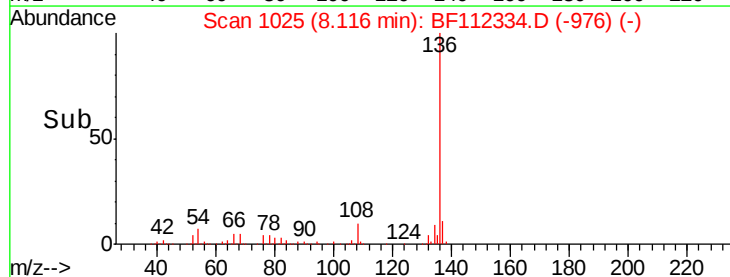
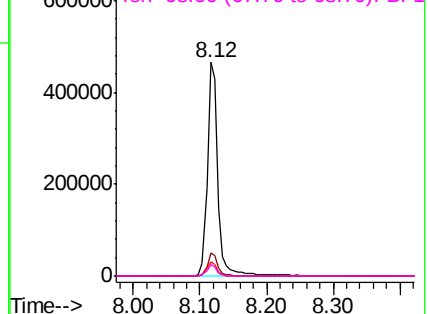
137 11.0 9.1 13.7

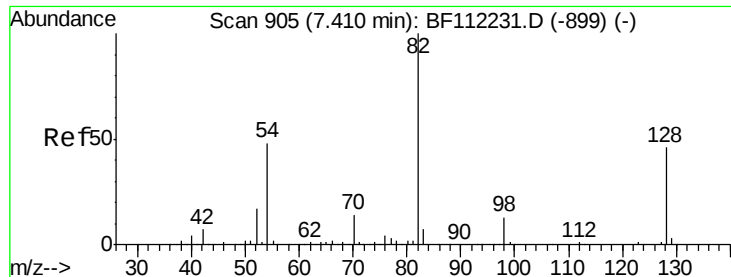
54 6.7 5.9 8.9

68 5.1 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

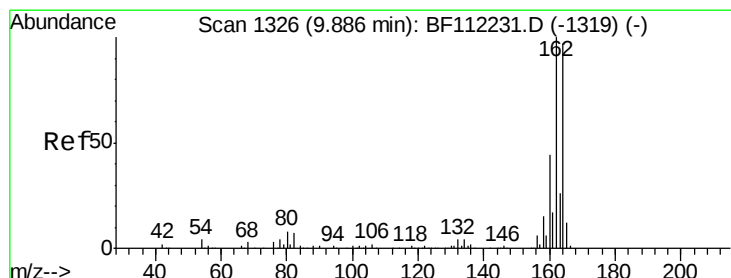
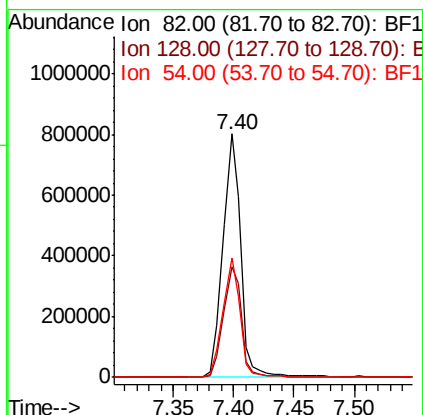
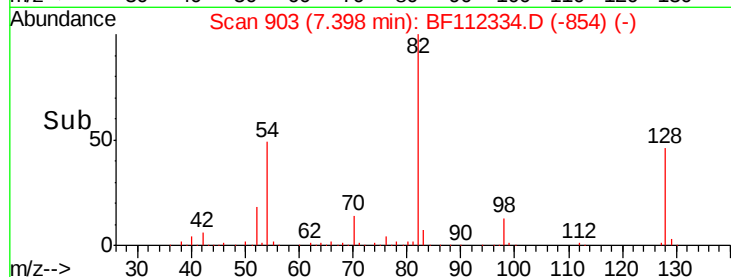
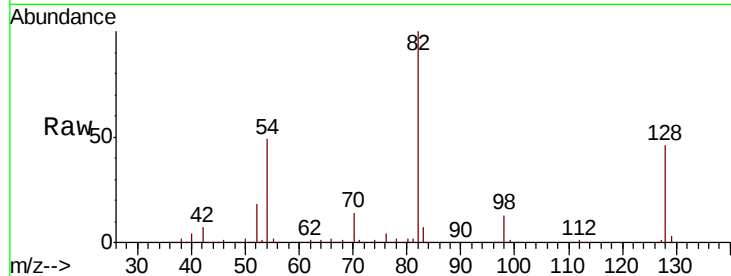




#23
 Nitrobenzene-d5
 Concen: 93.547 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

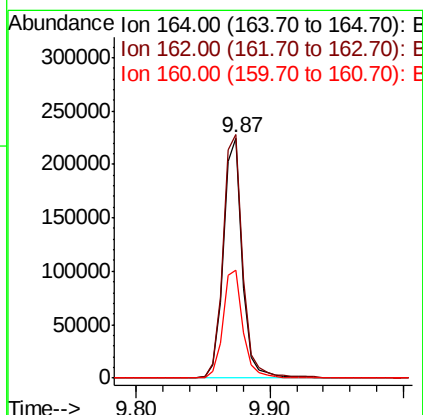
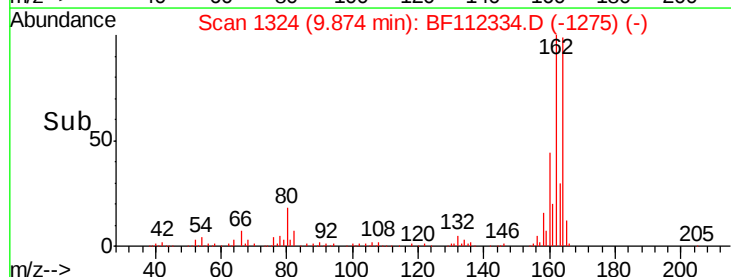
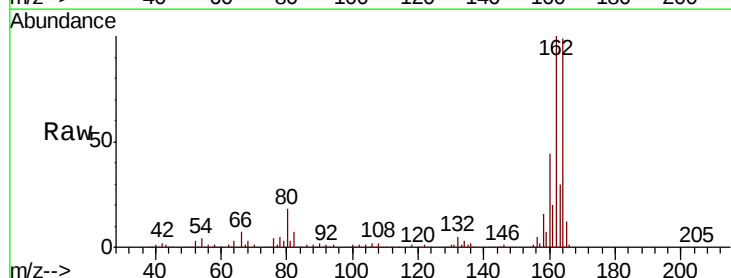
Instrument :
 BNA_F
 ClientSampled :
 TP-6

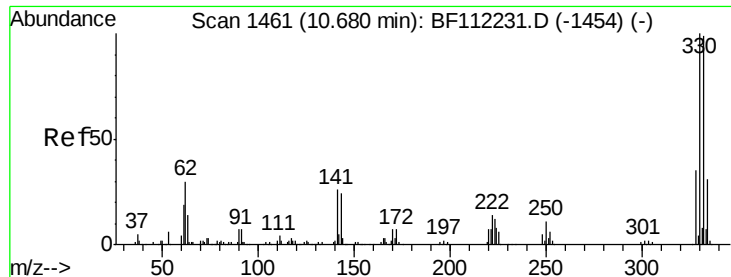
Tot Ion: 82 Resp: 817843
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.8 56.8
 54 49.1 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Tgt Ion: 164 Resp: 225709
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.2 123.4
 160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.822 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

Instrument :

BNA_F

ClientSampleId :

TP-6

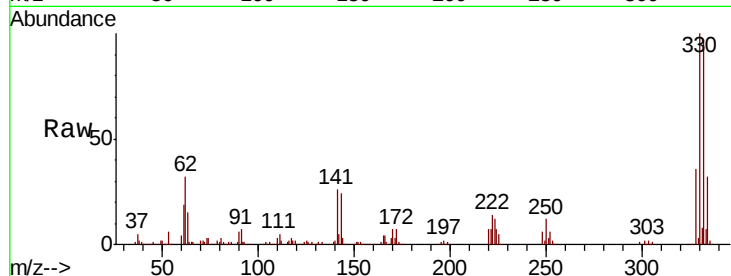
Tot Ion:330 Resp: 359457

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

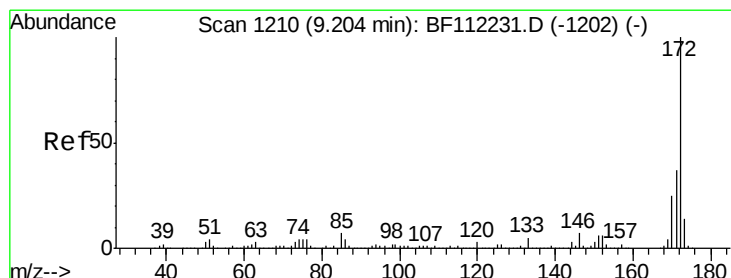
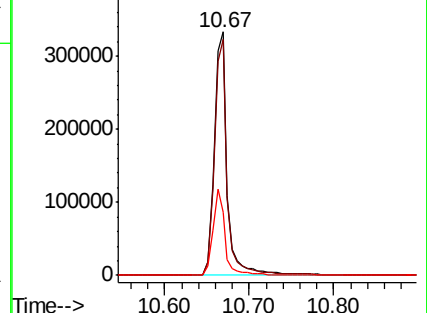
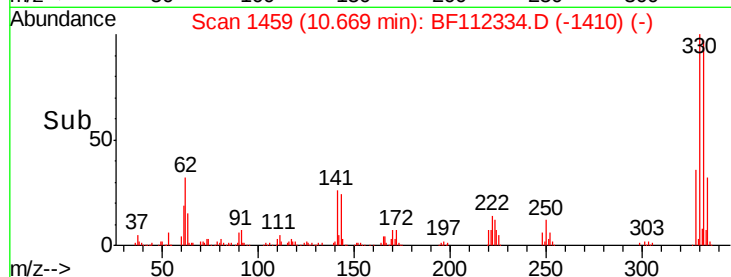
141 33.1 24.3 36.5



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: 101.342 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112334.D

Acq: 30 Jan 2019 21:04

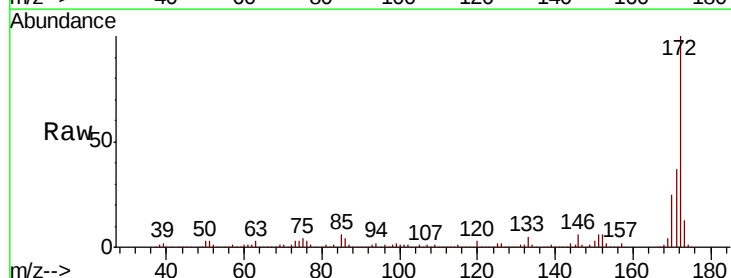
Tgt Ion:172 Resp: 1617279

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

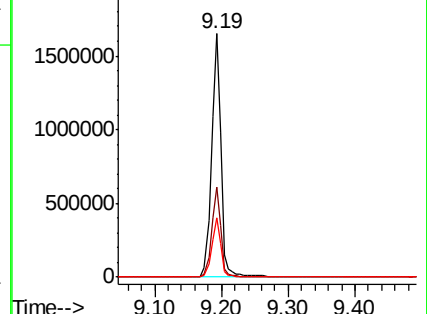
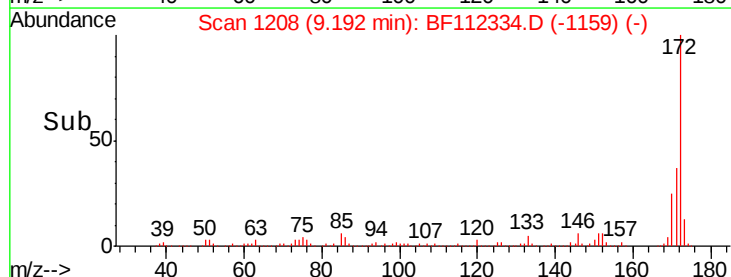
170 24.5 20.2 30.4



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

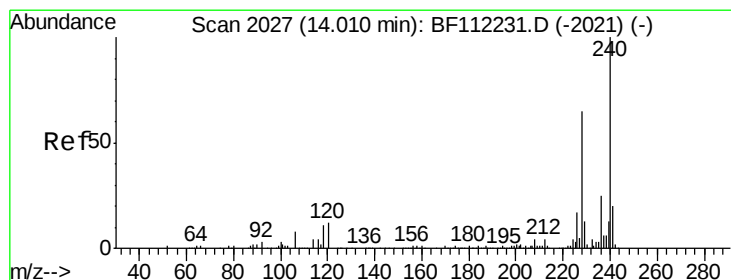
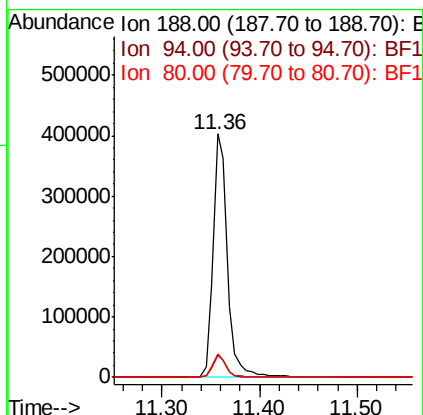
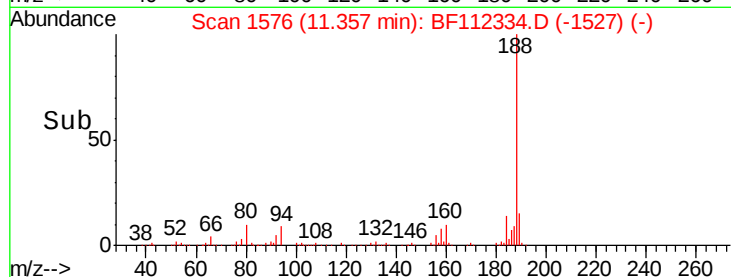
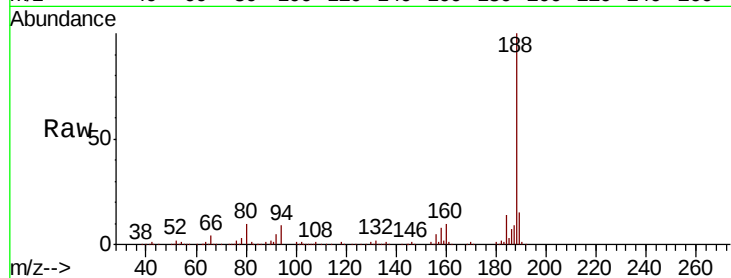




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

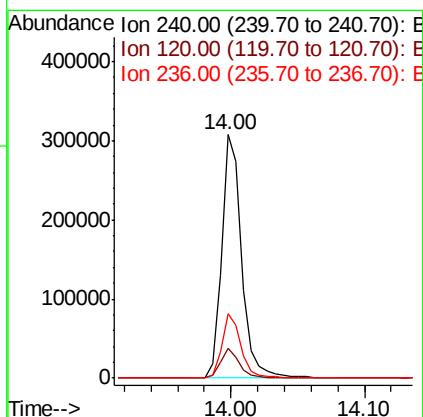
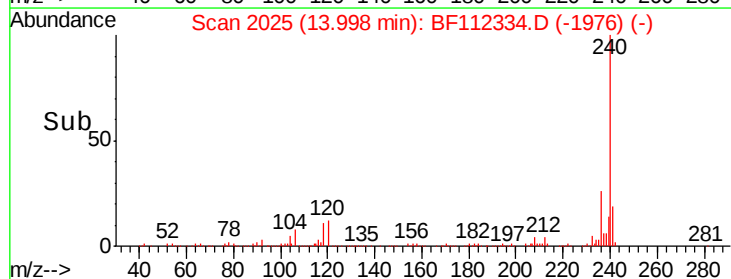
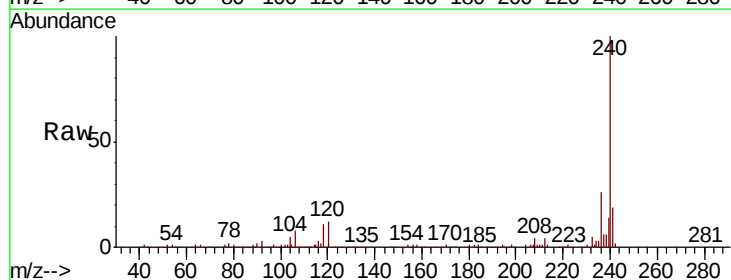
Instrument :
BNA_F
ClientSampled :
TP-6

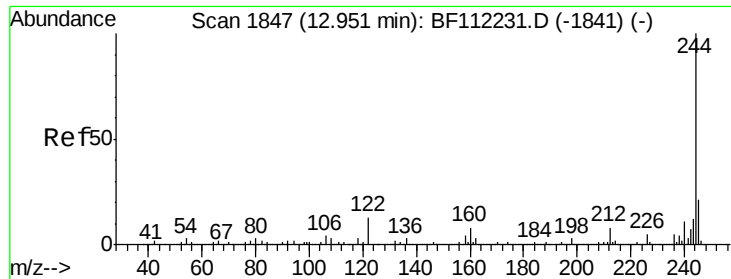
Tot Ion:188 Resp: 409095
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112334.D
Acq: 30 Jan 2019 21:04

Tgt Ion:240 Resp: 324004
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 26.3 20.7 31.1

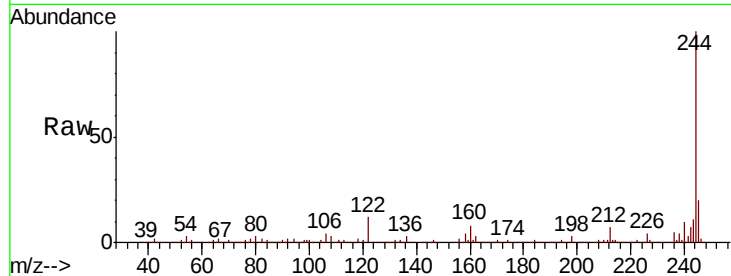




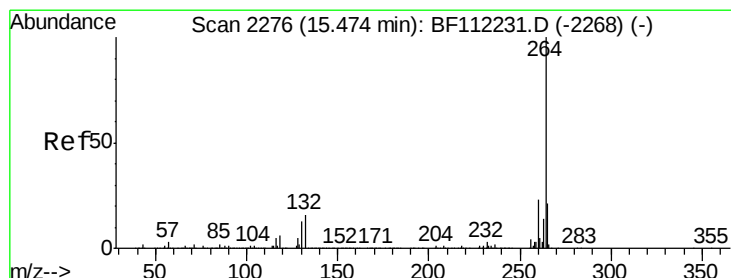
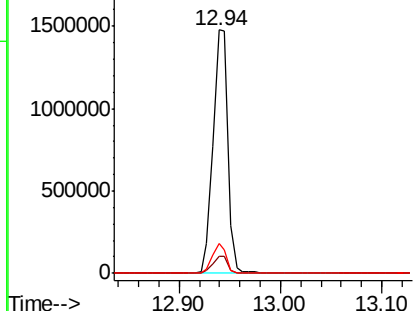
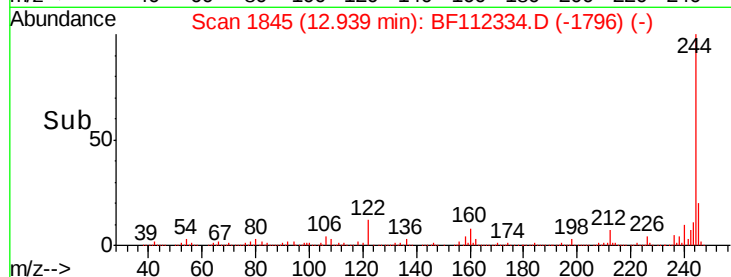
#79
 Terphenyl-d14
 Concen: 88.367 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion:244 Resp: 1520152
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.2 9.8 14.6

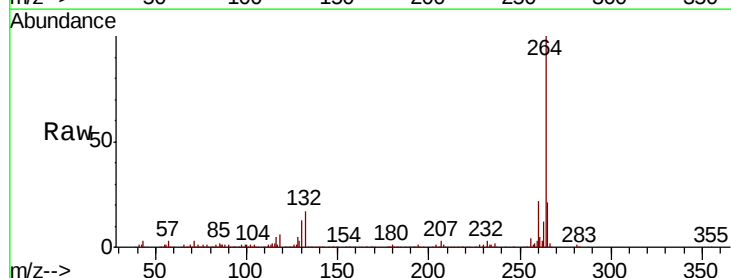


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112334.D
 Acq: 30 Jan 2019 21:04

Tgt Ion:264 Resp: 330639
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

