

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118142.D
 Acq On : 7 Dec 2019 21:17
 Operator : JU
 Sample : K6119-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(0-2)

Quant Time: Dec 09 07:32:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

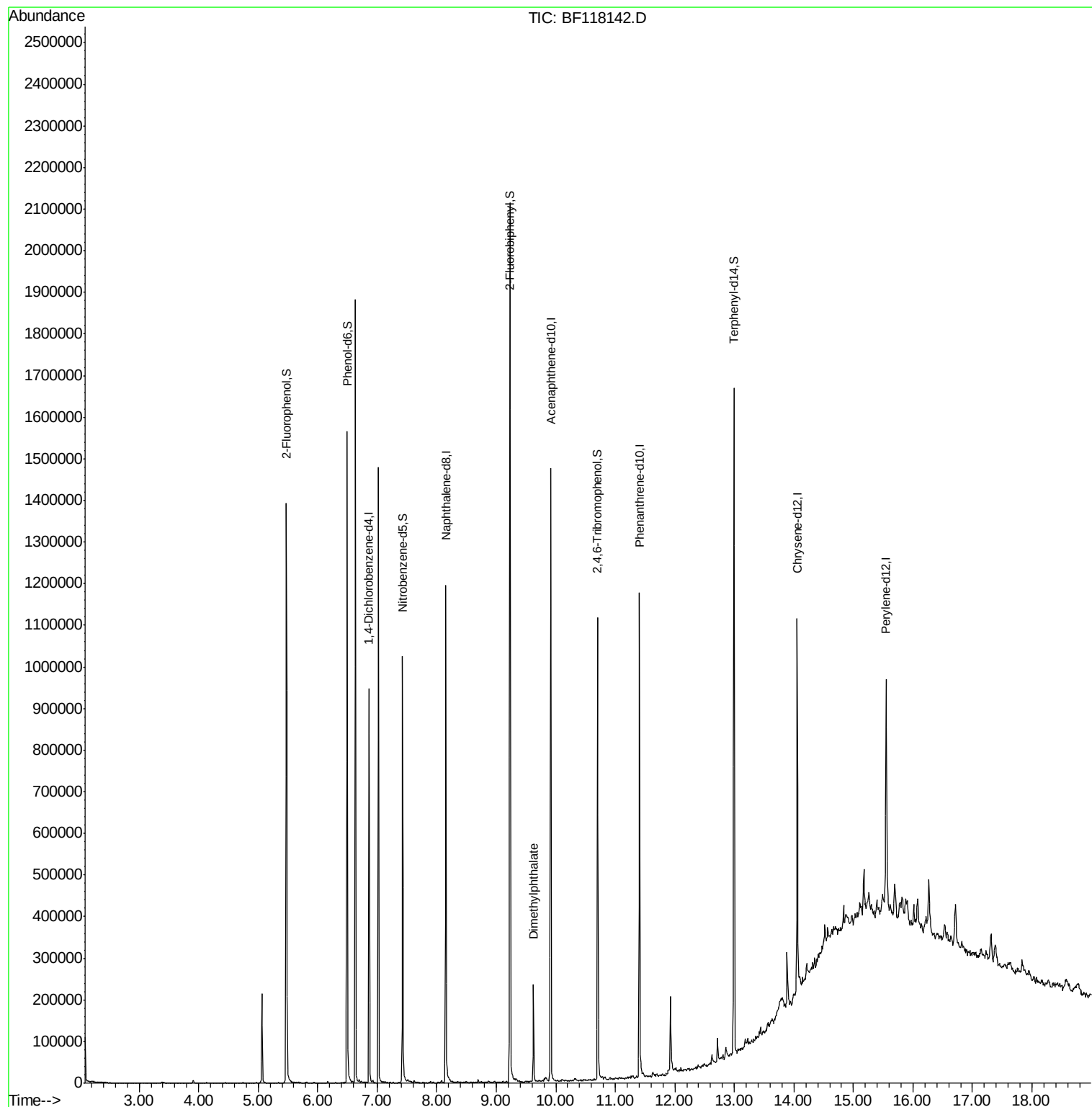
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	142212	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	566157	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	288132	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	445473	20.00	ng	0.00
76) Chrysene-d12	14.06	240	274502	20.00	ng	-0.01
87) Perylene-d12	15.55	264	253195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	393136	48.42	ng	0.00
7) Phenol-d6	6.49	99	491749	50.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	289836	28.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	133166	38.04	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	625815	33.05	ng	-0.01
79) Terphenyl-d14	12.99	244	528212	33.09	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	103260	4.852	ng	Qvalue 100

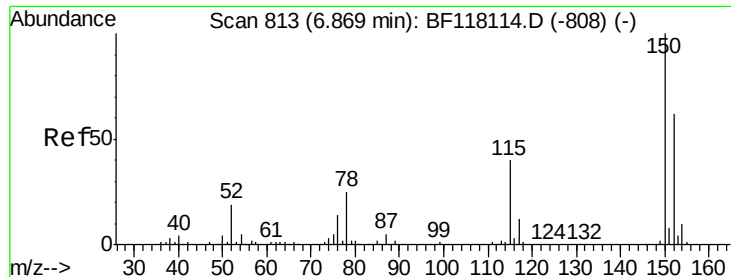
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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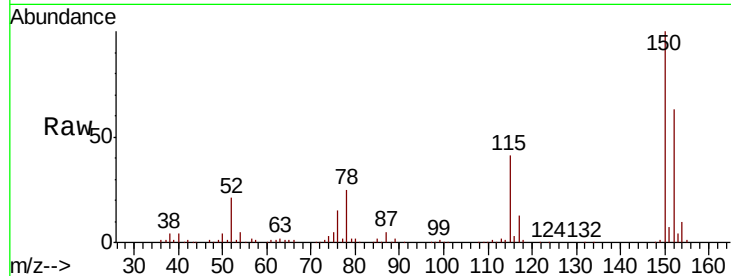


#1

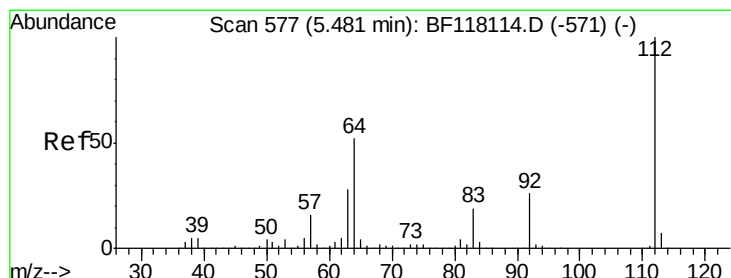
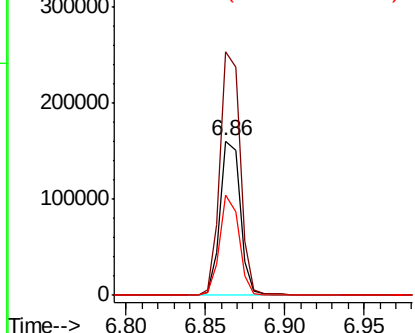
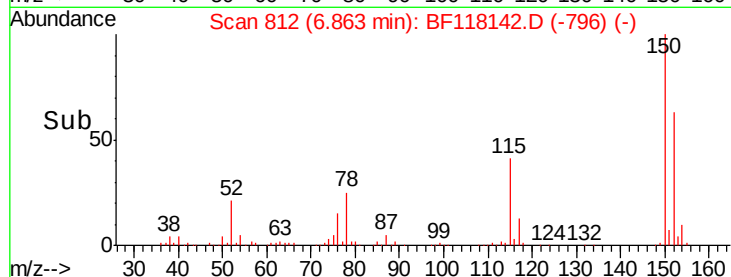
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(0-2)

Tot Ion:152 Resp: 142212
 Ion Ratio Lower Upper
 152 100
 150 157.8 128.3 192.5
 115 65.1 51.1 76.7



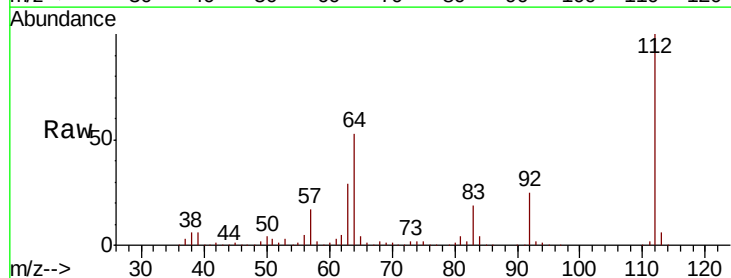
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



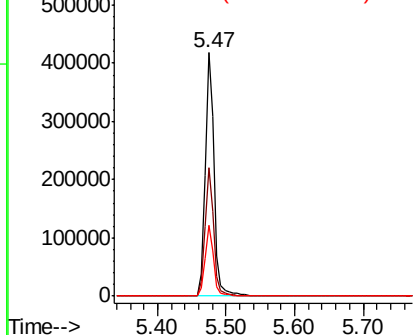
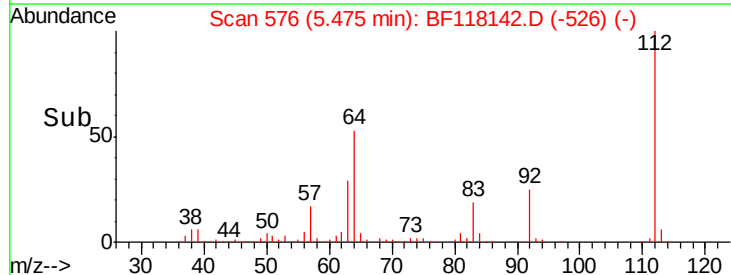
#5

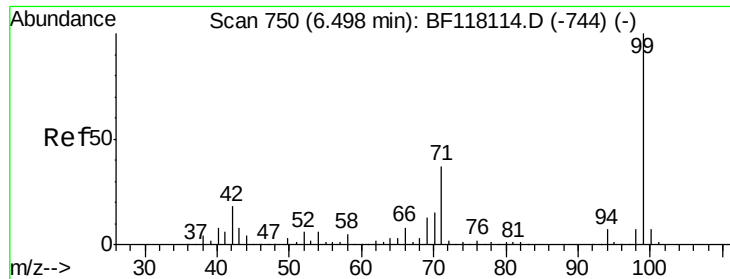
2-Fluorophenol
 Concen: 48.418 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Tgt Ion:112 Resp: 393136
 Ion Ratio Lower Upper
 112 100
 64 52.6 41.3 61.9
 63 29.0 22.4 33.6



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: 50.072 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

Instrument :

BNA_F

ClientSampleId :

SB-4-(0-2)

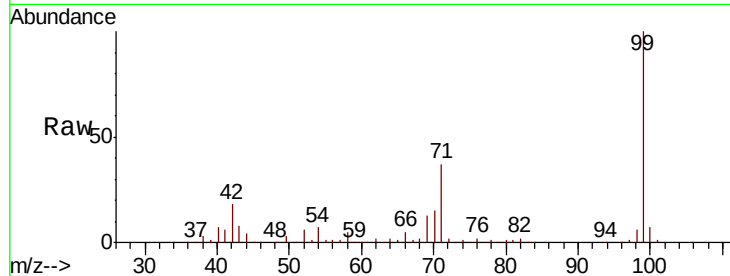
Tot Ion: 99 Resp: 491749

Ion Ratio Lower Upper

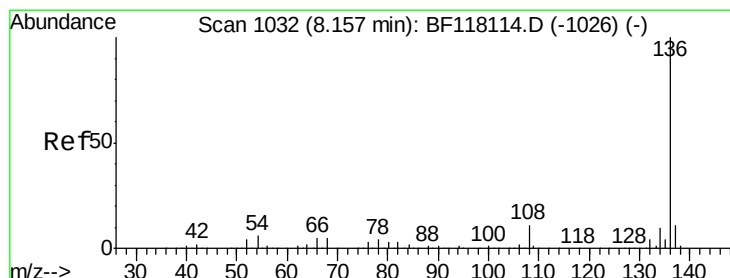
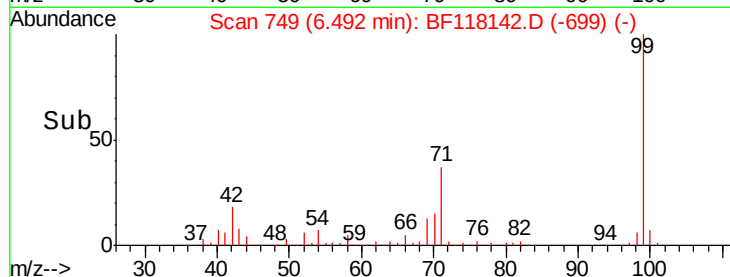
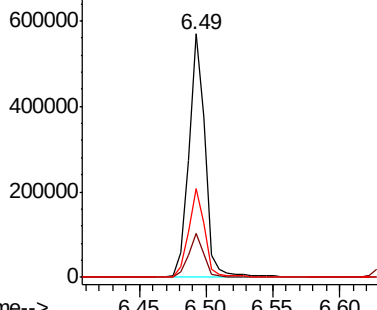
99 100

42 17.8 14.1 21.1

71 36.7 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

Tgt Ion: 136 Resp: 566157

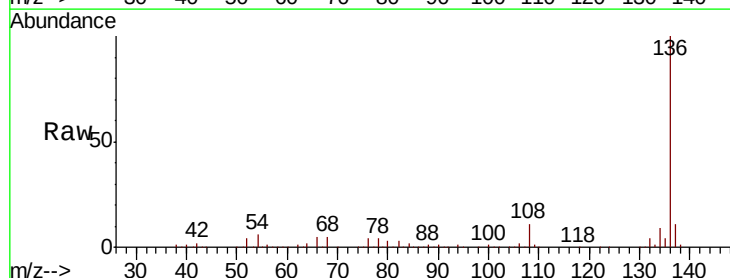
Ion Ratio Lower Upper

136 100

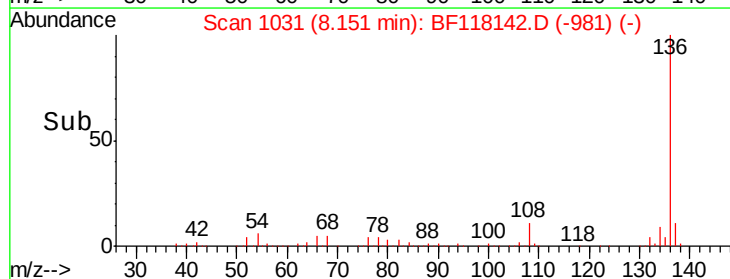
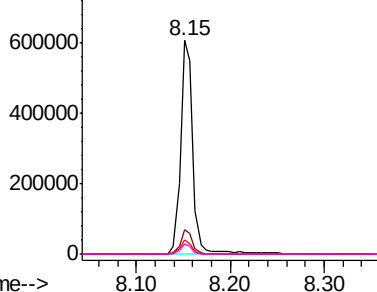
137 11.4 9.0 13.6

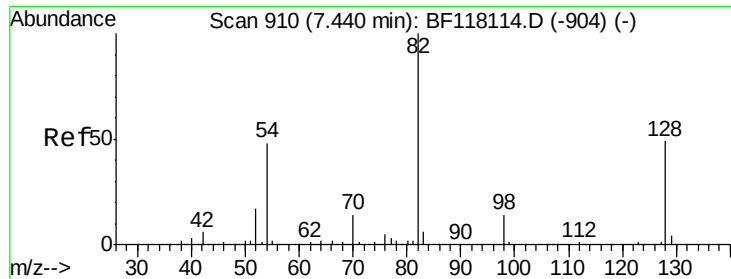
54 6.4 5.0 7.6

68 4.8 3.8 5.8



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

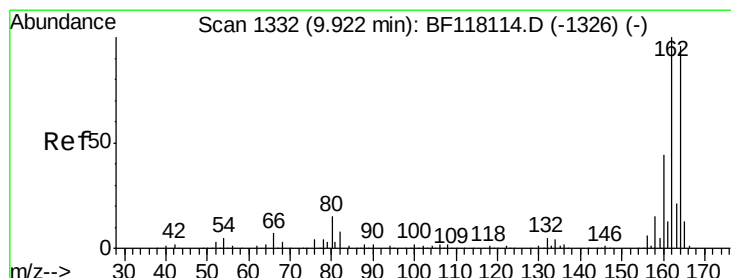
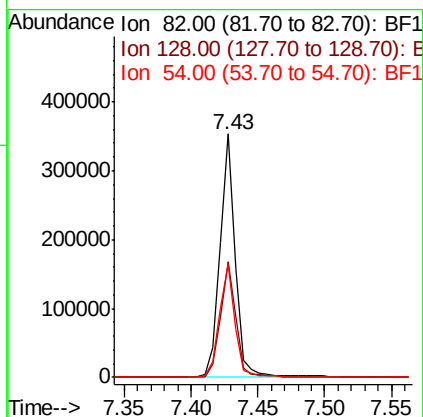
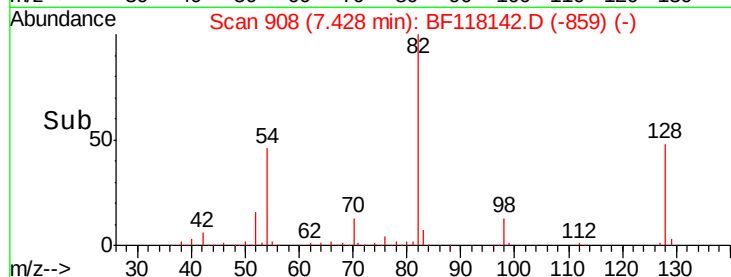
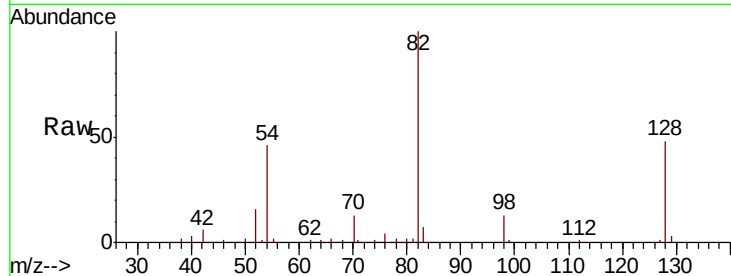




#23
 Nitrobenzene-d5
 Concen: 28.800 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

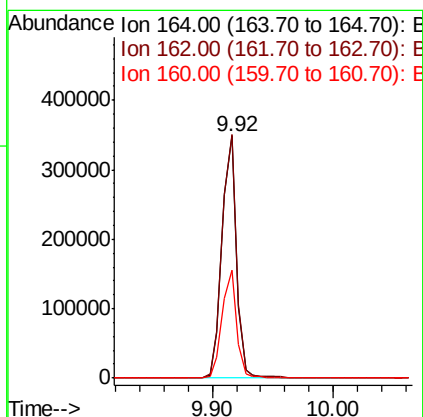
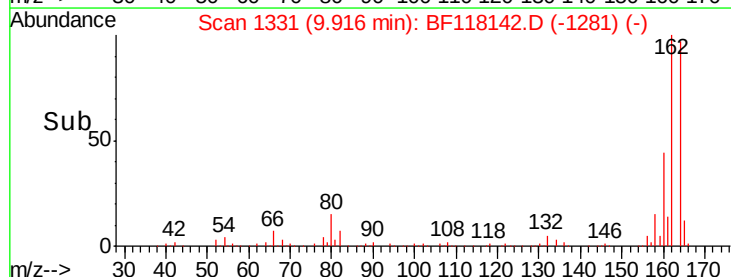
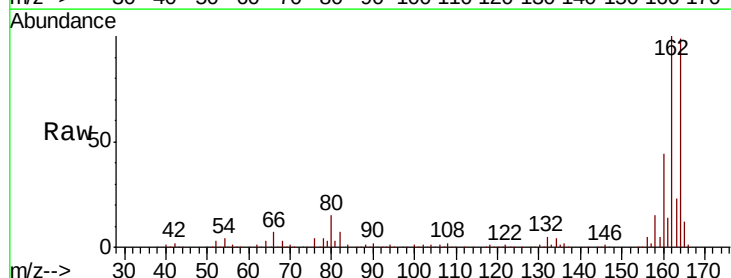
Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(0-2)

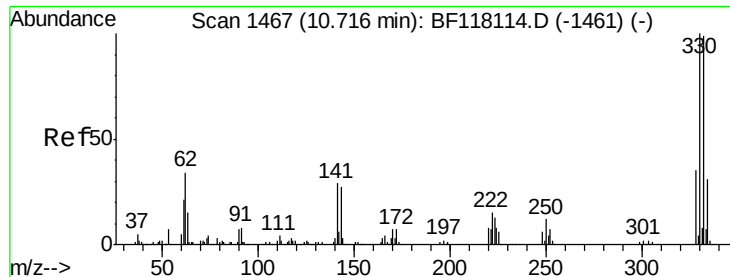
Tot Ion	82	Resp	289836
Ion Ratio	100	Lower	Upper
128	47.6	39.1	58.7
54	46.2	38.2	57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Tgt Ion	164	Resp	288132
Ion Ratio	100	Lower	Upper
162	100.5	83.4	125.0
160	44.5	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 38.044 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

Instrument :

BNA_F

ClientSampleId :

SB-4-(0-2)

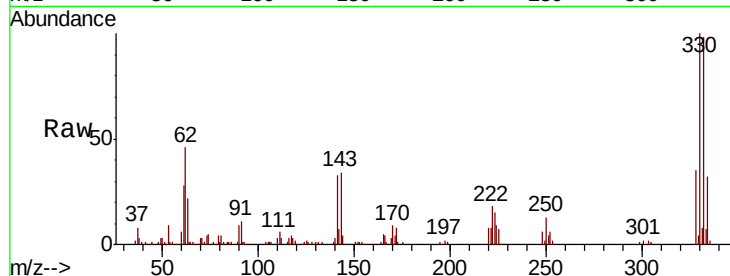
Tot Ion:330 Resp: 133166

Ion Ratio Lower Upper

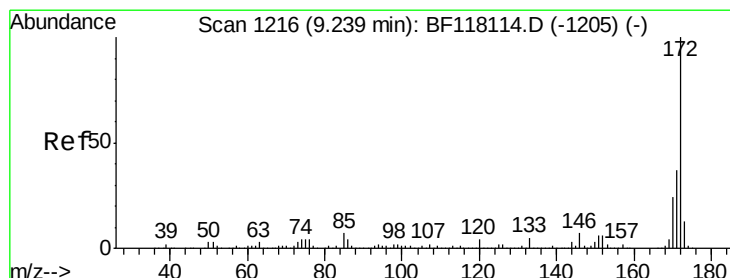
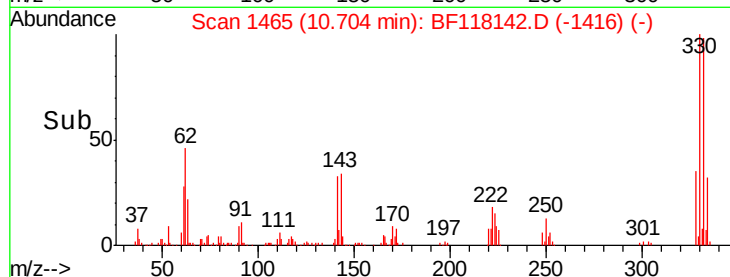
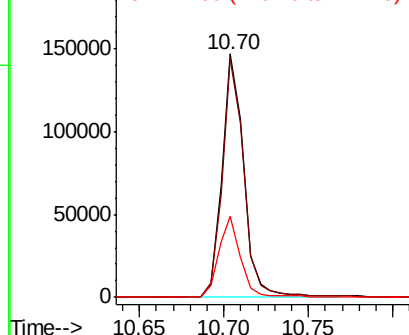
330 100

332 98.3 78.1 117.1

141 33.9 26.9 40.3



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: 33.050 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

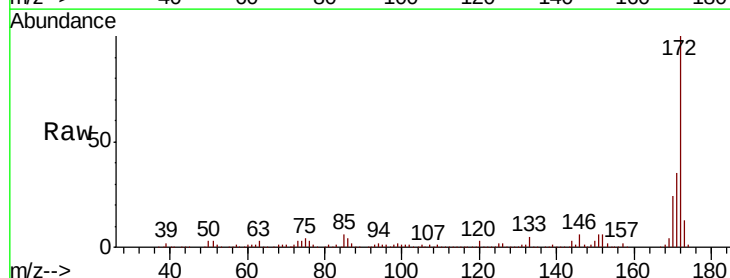
Tgt Ion:172 Resp: 625815

Ion Ratio Lower Upper

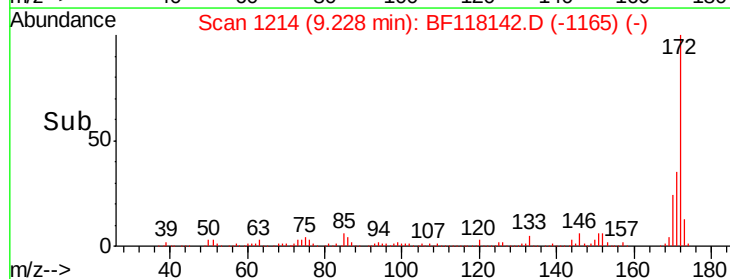
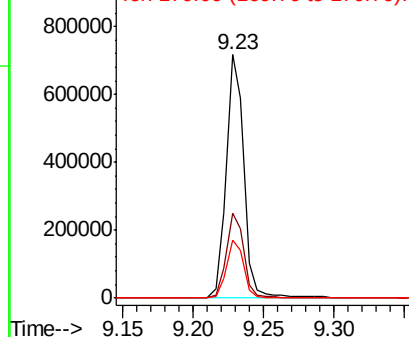
172 100

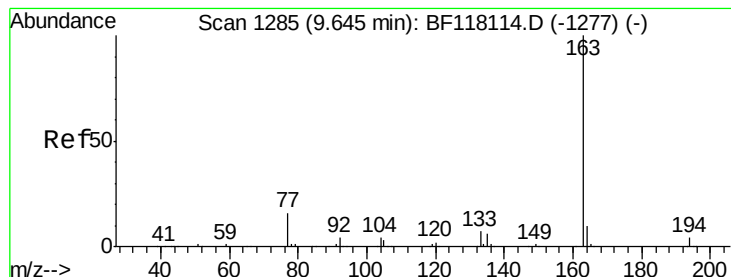
171 35.0 29.2 43.8

170 23.9 19.4 29.2



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





#50

Dimethylphthalate

Concen: 4.852 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

Instrument :

BNA_F

ClientSampleId :

SB-4-(0-2)

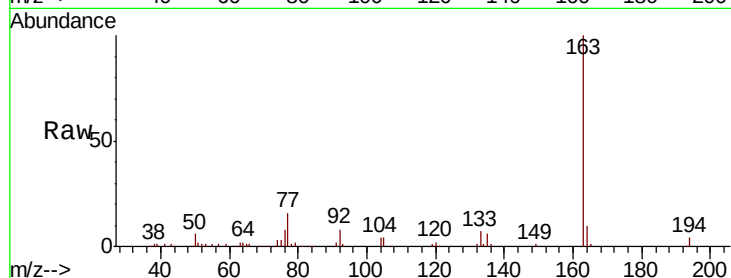
Tot Ion:163 Resp: 103260

Ion Ratio Lower Upper

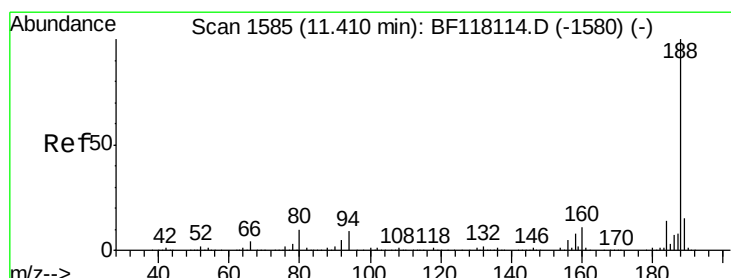
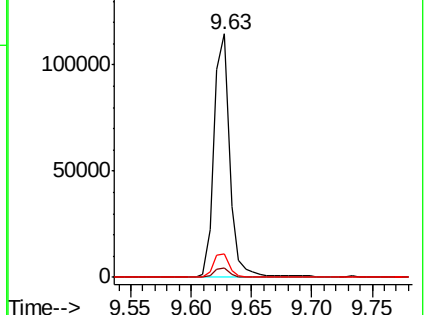
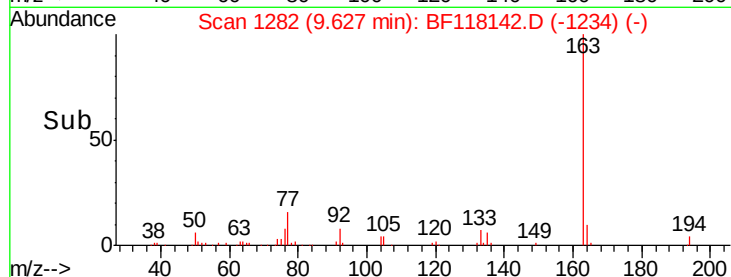
163 100

194 3.8 3.1 4.7

164 9.6 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118142.D

Acq: 7 Dec 2019 21:17

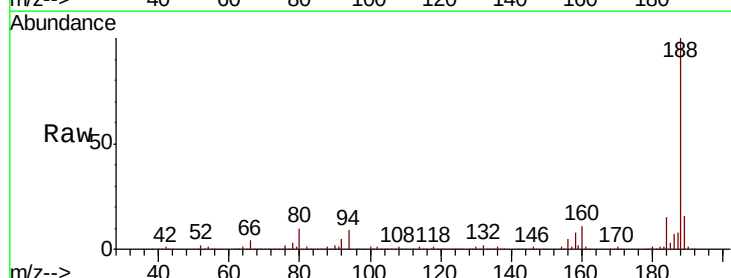
Tgt Ion:188 Resp: 445473

Ion Ratio Lower Upper

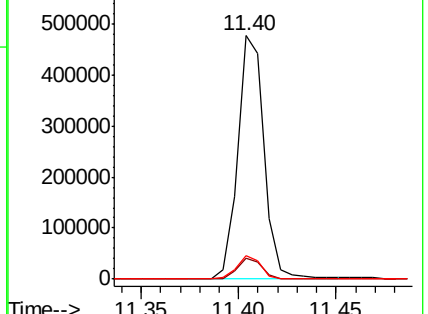
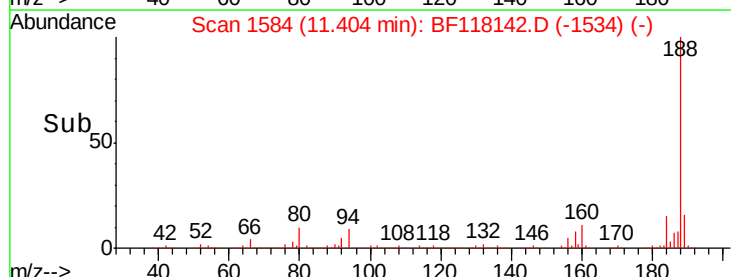
188 100

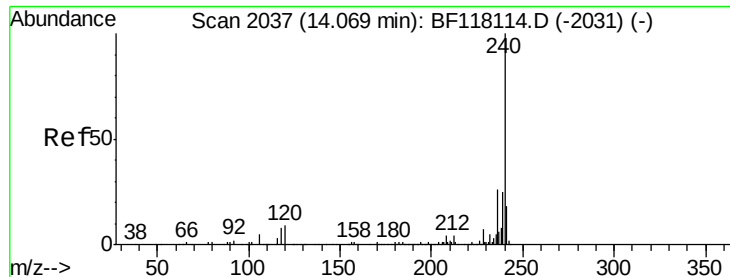
94 8.6 7.1 10.7

80 9.6 7.9 11.9



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

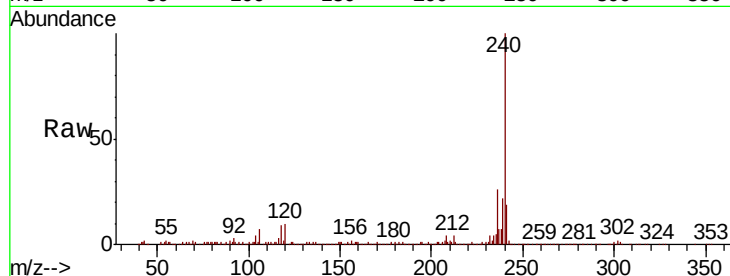




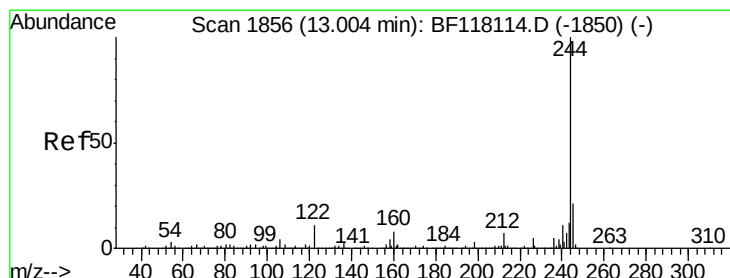
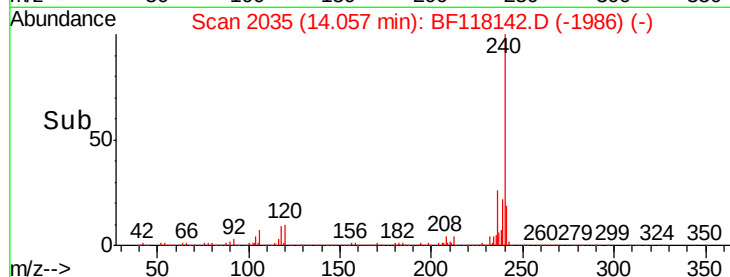
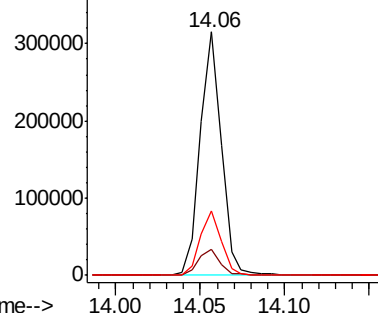
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(0-2)

Tot Ion:240 Resp: 274502
 Ion Ratio Lower Upper
 240 100
 120 10.4 7.1 10.7
 236 26.3 21.0 31.6

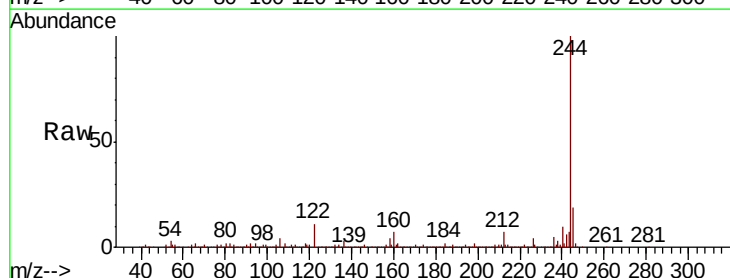


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

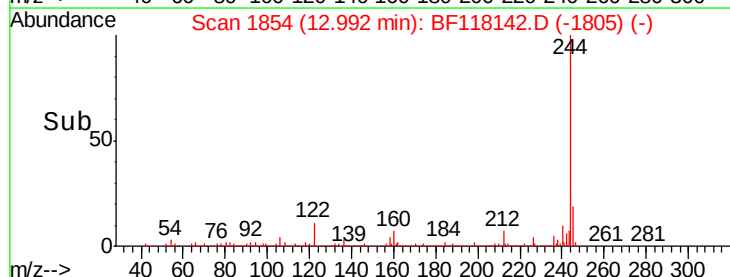
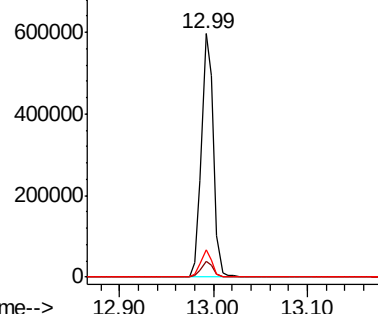


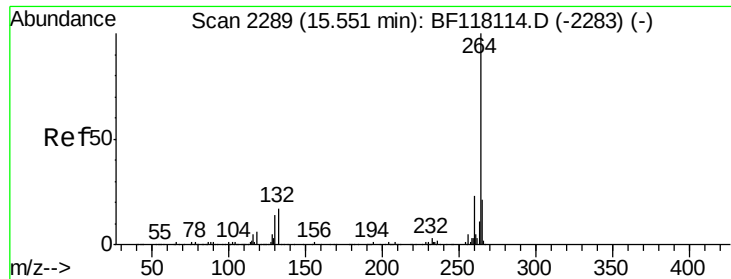
#79
 Terphenyl-d14
 Concen: 33.090 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Tgt Ion:244 Resp: 528212
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 11.2 9.0 13.6



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

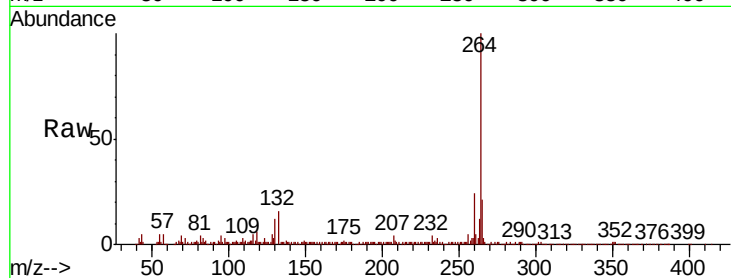




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BF118142.D
 Acq: 7 Dec 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	20.9	16.8	25.2



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

