

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118255.D
 Acq On : 18 Dec 2019 13:28
 Operator : JU
 Sample : K6324-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Quant Time: Dec 19 03:20:09 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

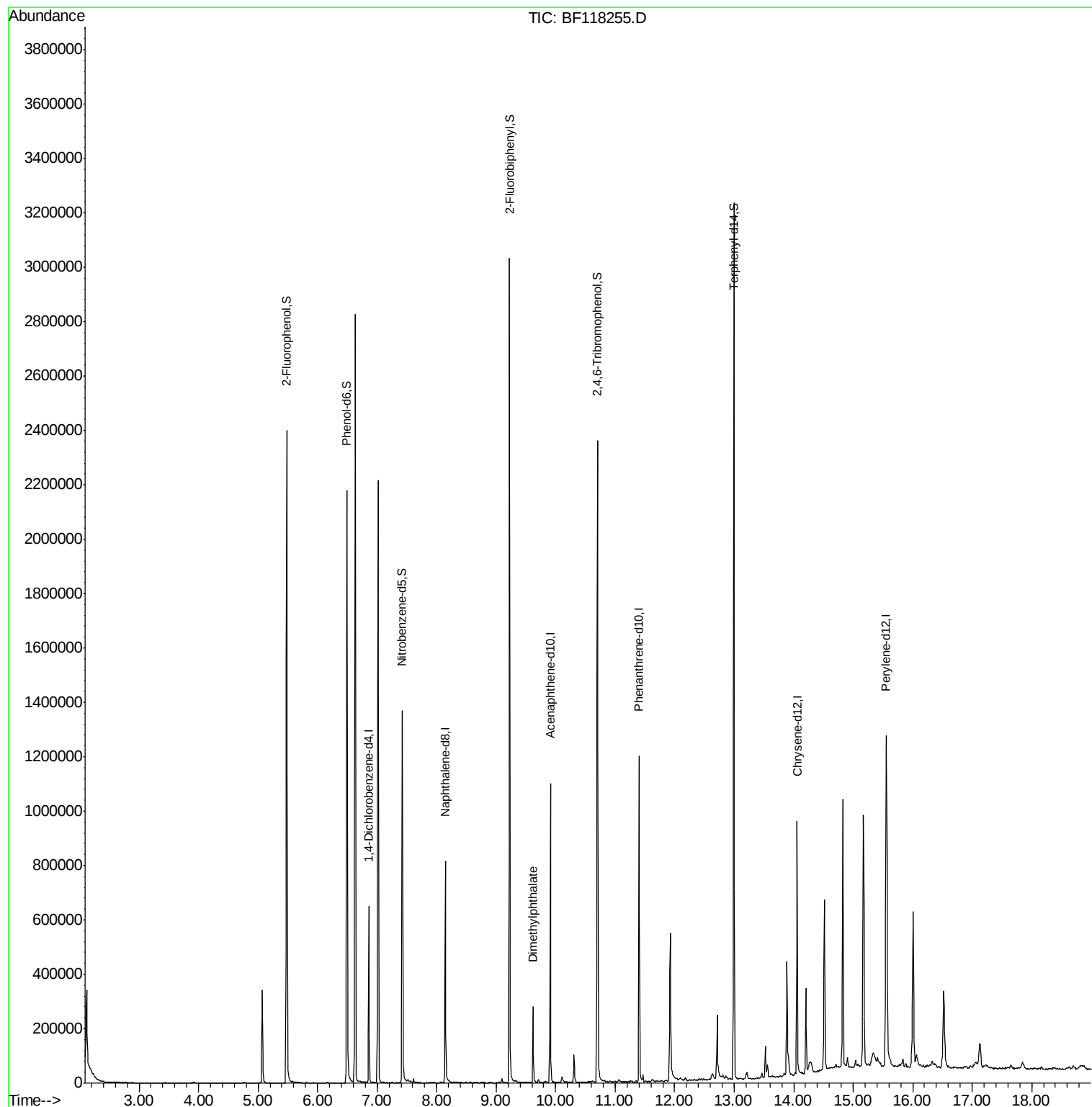
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104196	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	409392	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	216813	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	419759	20.00	ng	0.00
76) Chrysene-d12	14.06	240	297714	20.00	ng	-0.01
87) Perylene-d12	15.55	264	261883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	648963	109.09	ng	0.00
7) Phenol-d6	6.49	99	829118	115.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	493214	67.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	286156	108.64	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	921862	64.70	ng	-0.01
79) Terphenyl-d14	13.00	244	1136181	65.63	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	114871	7.173	ng	Qvalue 100

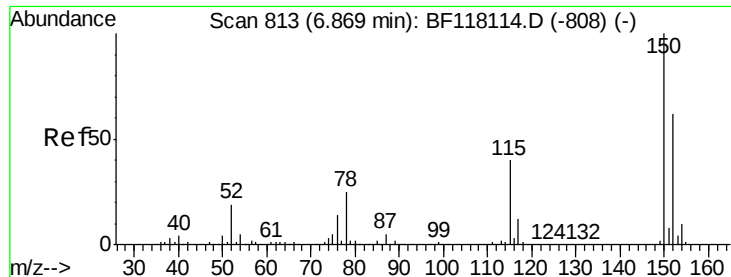
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampled :

EP-9

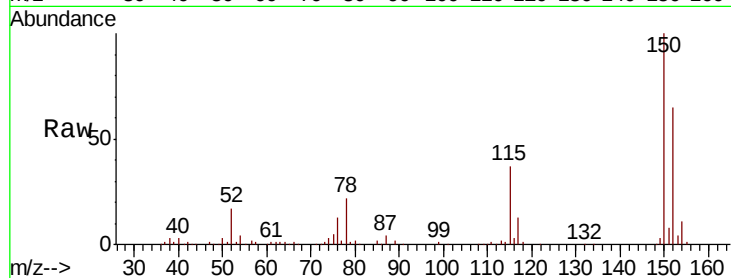
Tot Ion:152 Resp: 104196

Ion Ratio Lower Upper

152 100

150 154.9 128.3 192.5

115 57.3 51.1 76.7

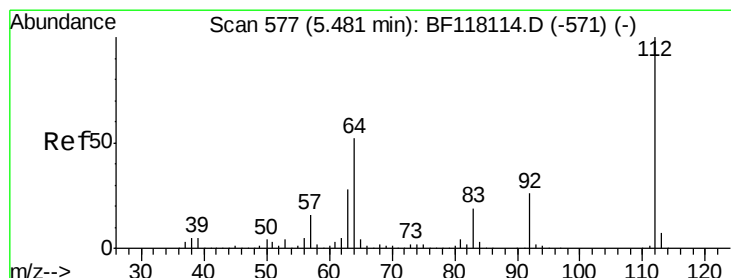
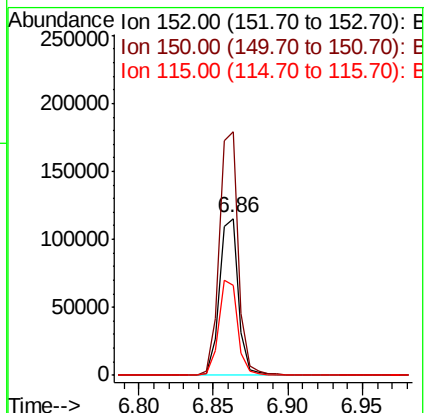
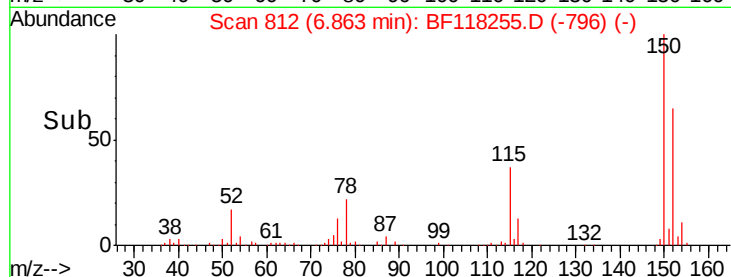


Abundance

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: 109.086 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

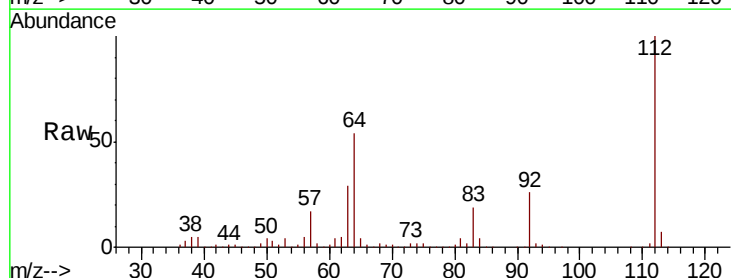
Tgt Ion:112 Resp: 648963

Ion Ratio Lower Upper

112 100

64 53.7 41.3 61.9

63 28.8 22.4 33.6

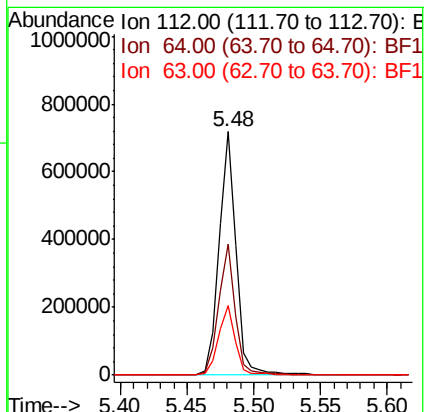
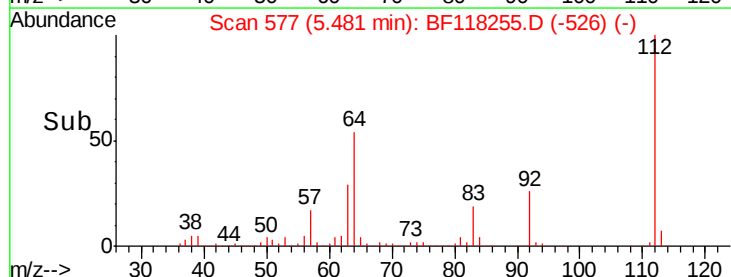


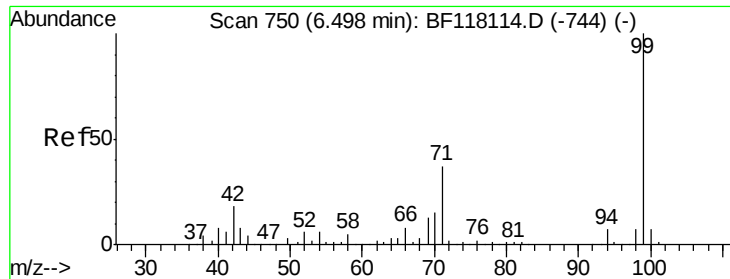
Abundance

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: 115.226 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

EP-9

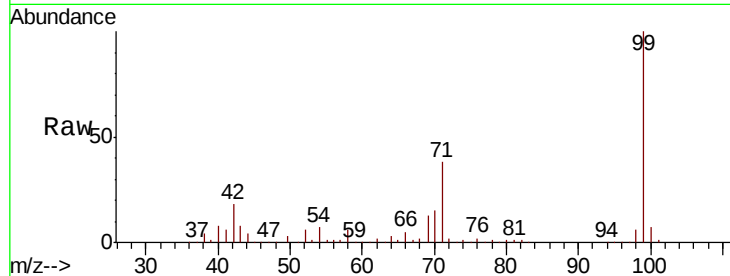
Tot Ion: 99 Resp: 829118

Ion Ratio Lower Upper

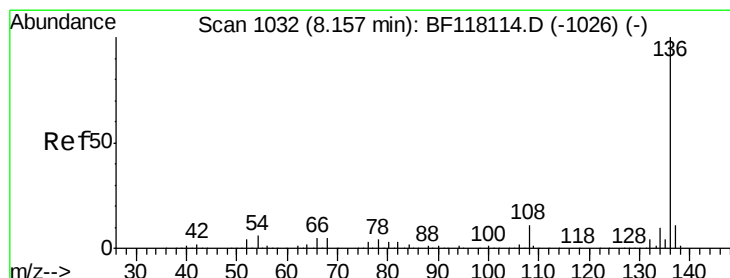
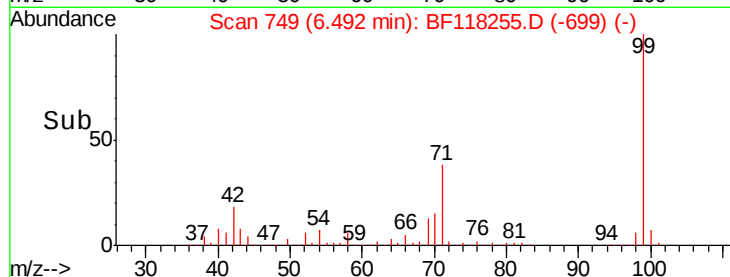
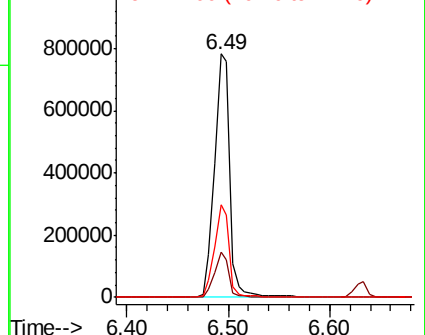
99 100

42 18.4 14.1 21.1

71 37.9 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# 1030

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Tgt Ion: 136 Resp: 409392

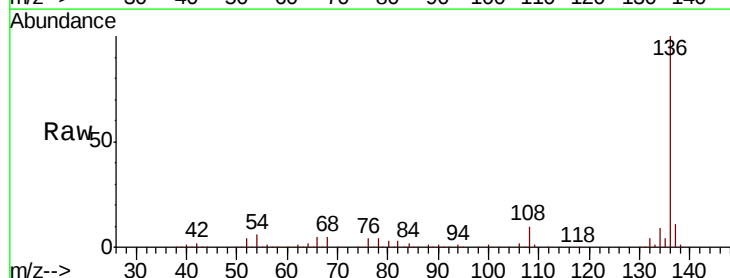
Ion Ratio Lower Upper

136 100

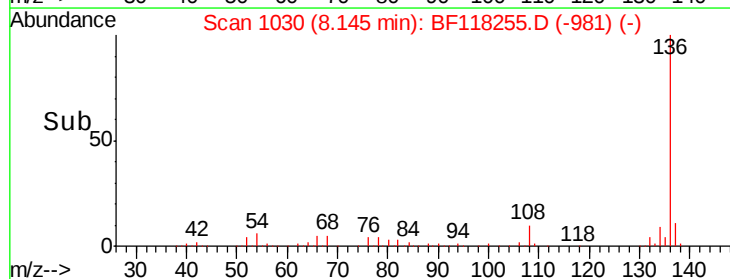
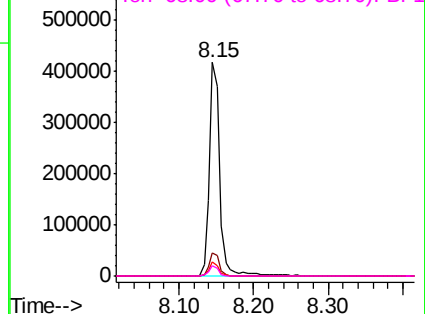
137 10.8 9.0 13.6

54 6.3 5.0 7.6

68 4.9 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

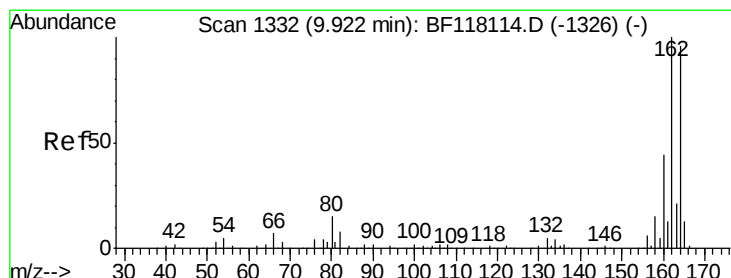
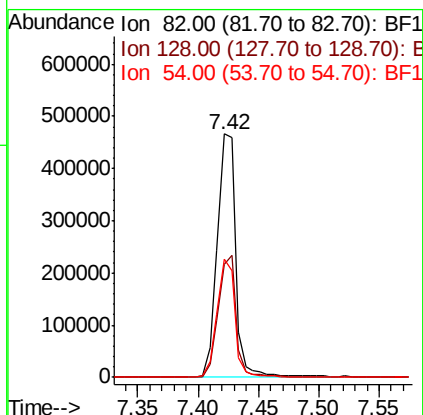
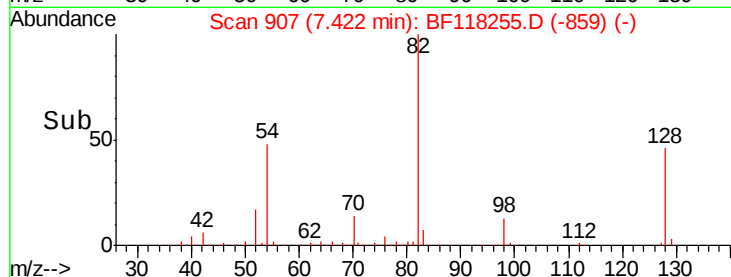
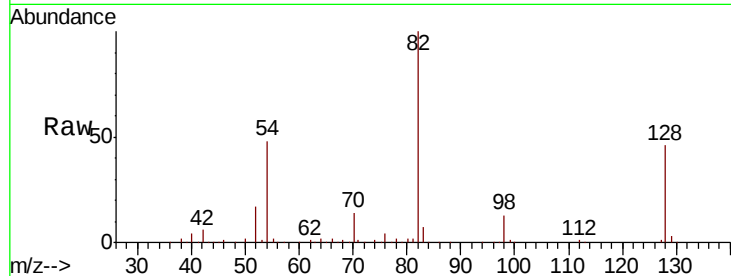




#23
 Nitrobenzene-d5
 Concen: 67.776 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118255.D
 Acq: 18 Dec 2019 13:28

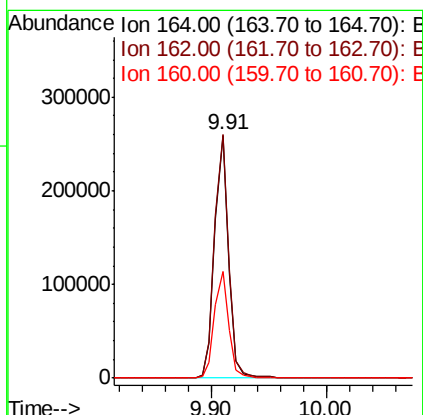
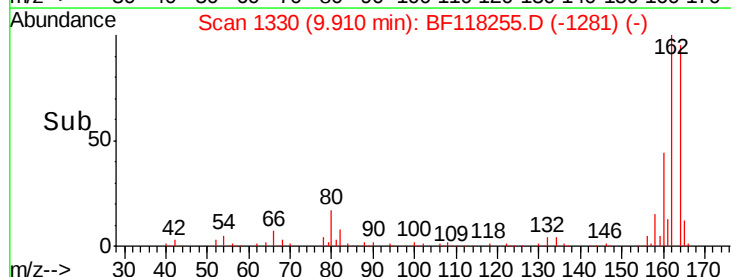
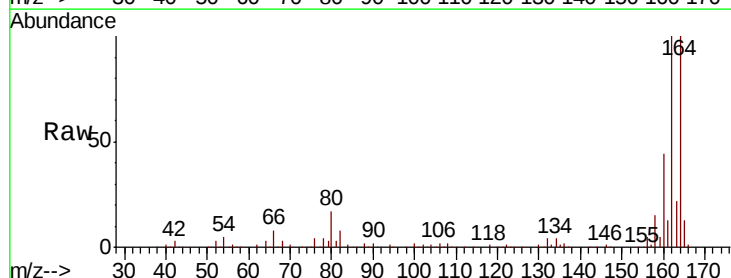
Instrument :
 BNA_F
 ClientSampleId :
 EP-9

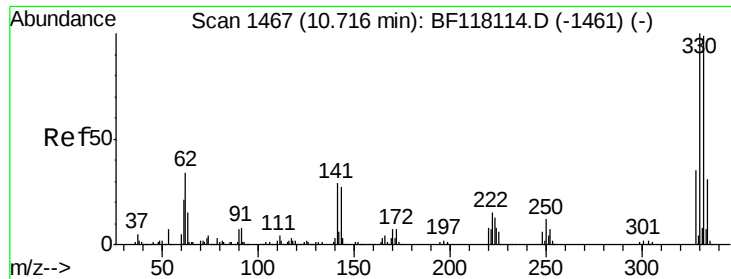
Tot Ion: 82 Resp: 493214
 Ion Ratio Lower Upper
 82 100
 128 46.2 39.1 58.7
 54 48.5 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118255.D
 Acq: 18 Dec 2019 13:28

Tgt Ion:164 Resp: 216813
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.4 125.0
 160 44.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 108.644 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

EP-9

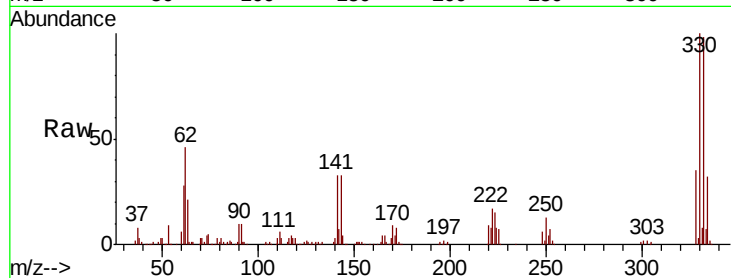
Tot Ion:330 Resp: 286156

Ion Ratio Lower Upper

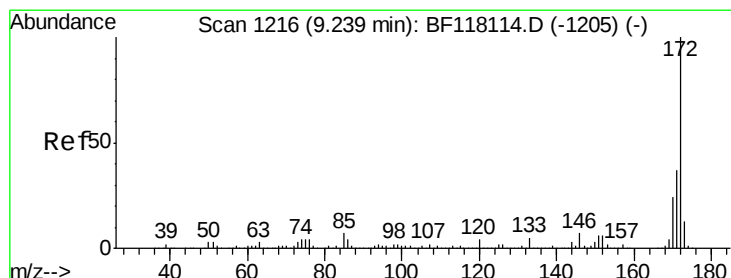
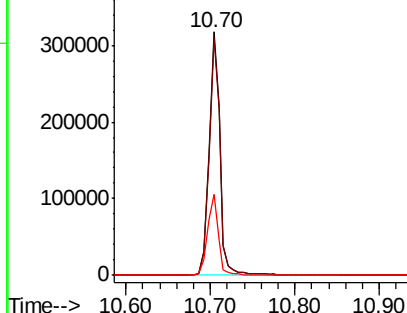
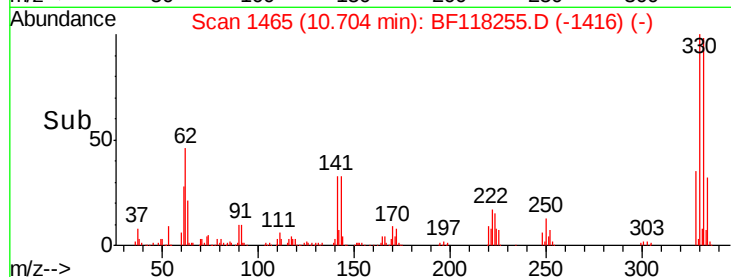
330 100

332 97.2 78.1 117.1

141 32.8 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: 64.698 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

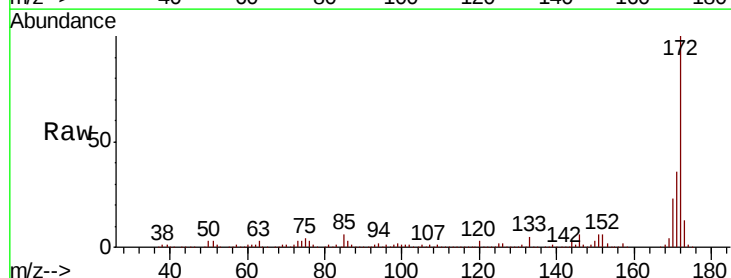
Tgt Ion:172 Resp: 921862

Ion Ratio Lower Upper

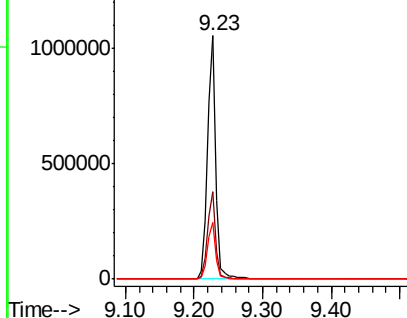
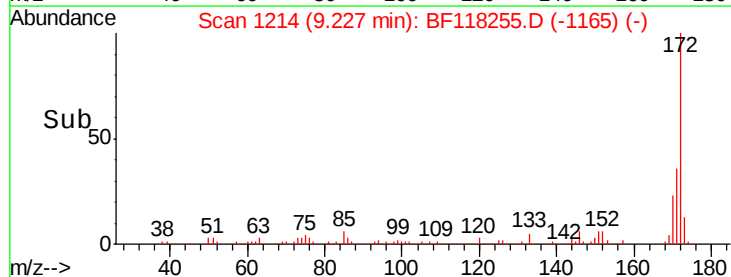
172 100

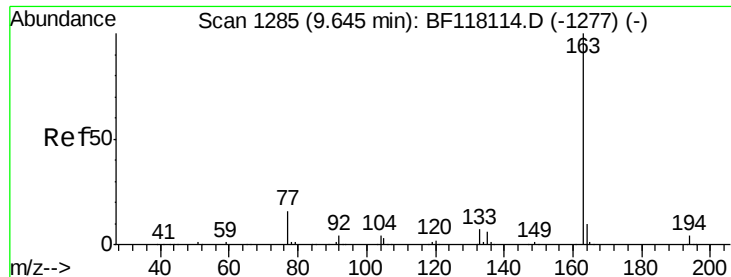
171 36.0 29.2 43.8

170 23.2 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: 7.173 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

EP-9

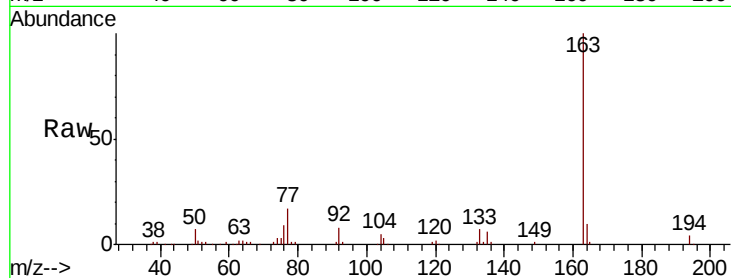
Tot Ion:163 Resp: 114871

Ion Ratio Lower Upper

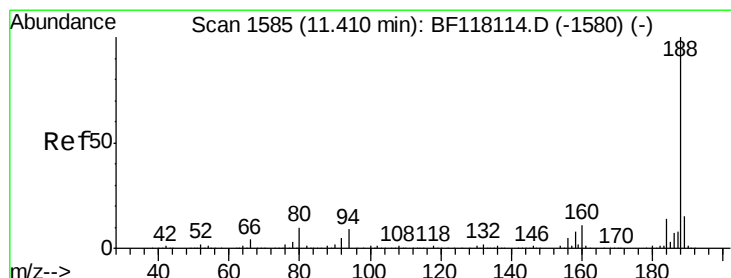
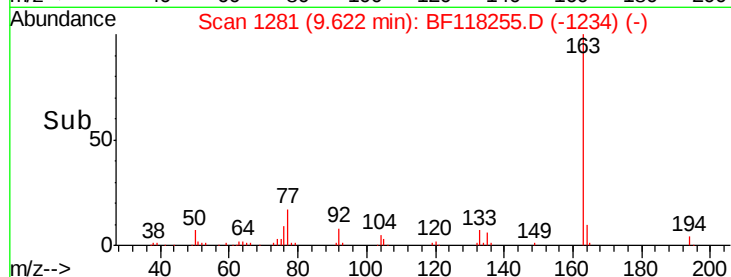
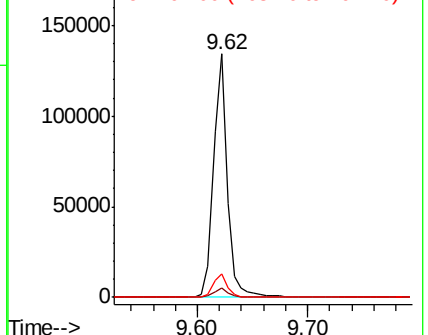
163 100

194 4.0 3.1 4.7

164 9.7 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: BF118255.D

Acq: 18 Dec 2019 13:28

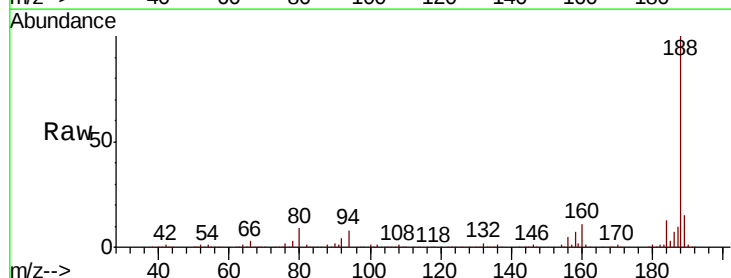
Tgt Ion:188 Resp: 419759

Ion Ratio Lower Upper

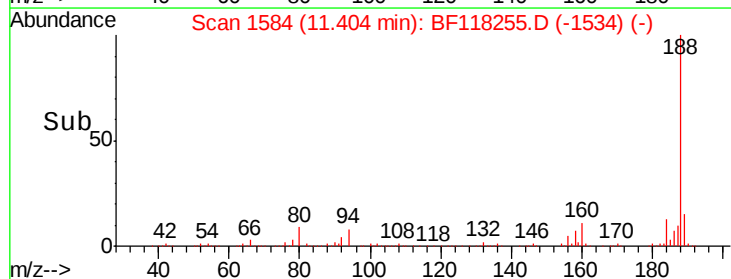
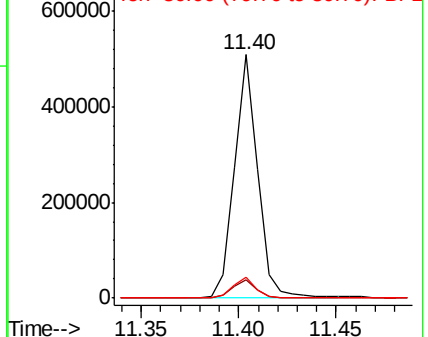
188 100

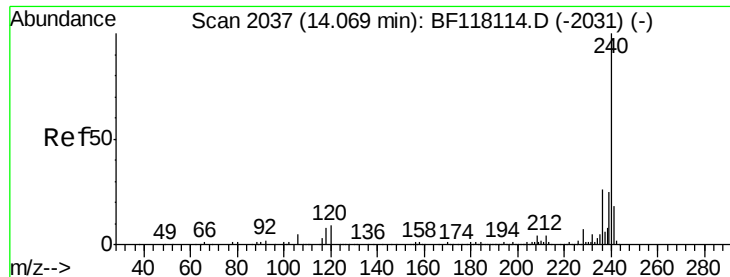
94 7.7 7.1 10.7

80 8.6 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: BF118255.D

Acq: 18 Dec 2019 13:28

Instrument :

BNA_F

ClientSampleId :

EP-9

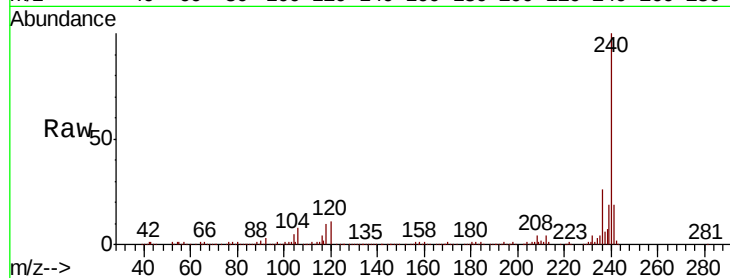
Tot Ion:240 Resp: 297714

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

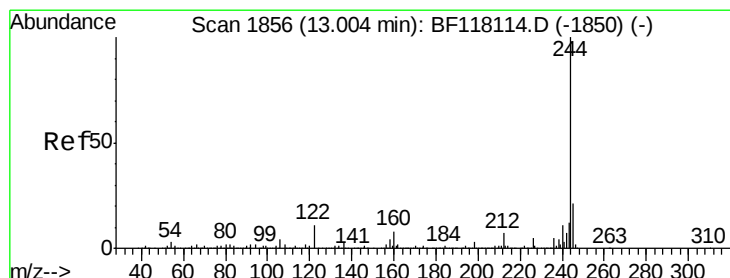
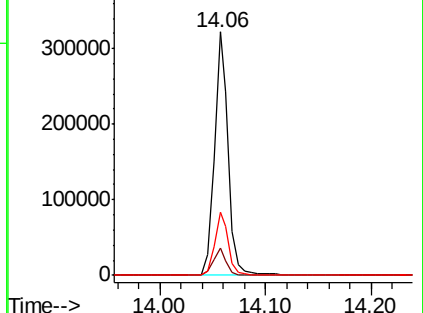
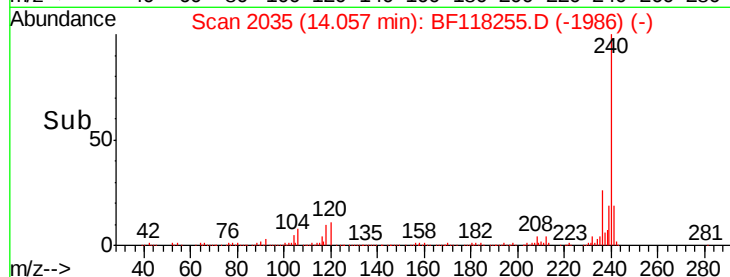
236 25.9 21.0 31.6



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: 65.627 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118255.D

Acq: 18 Dec 2019 13:28

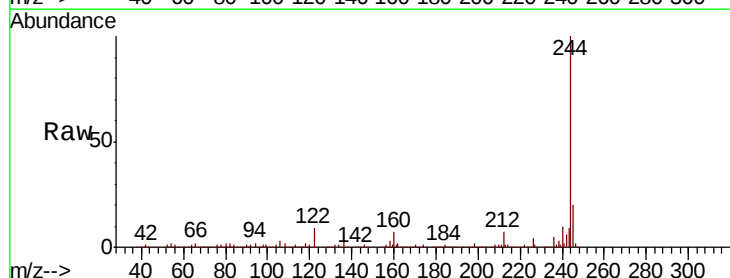
Tgt Ion:244 Resp: 1136181

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

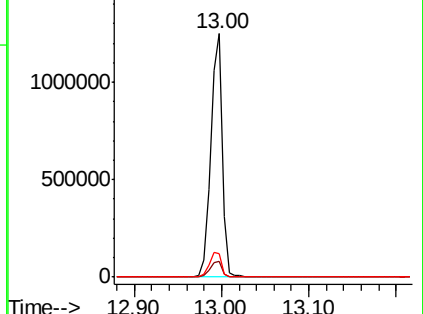
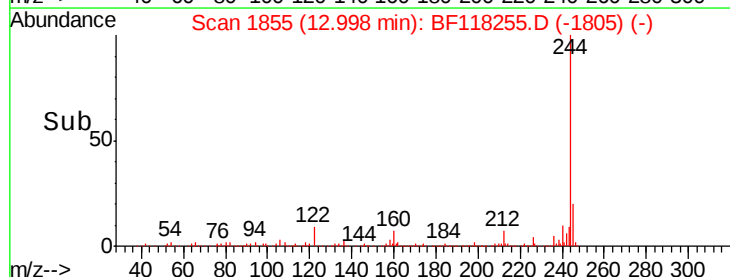
122 9.5 9.0 13.6

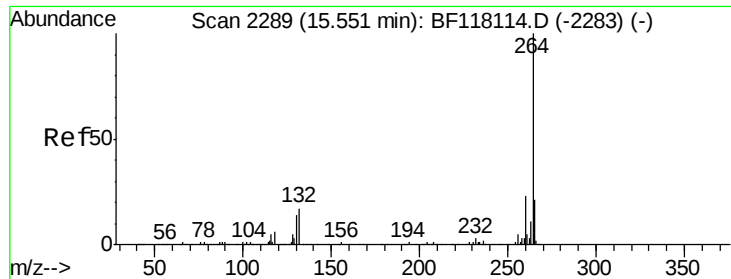


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118255.D
Acq: 18 Dec 2019 13:28

Instrument :
BNA_F
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EP-9

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.1	18.6	28.0	
265	21.4	16.8	25.2	

