

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118242.D
 Acq On : 17 Dec 2019 22:40
 Operator : JU
 Sample : K6324-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Quant Time: Dec 18 06:24:41 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

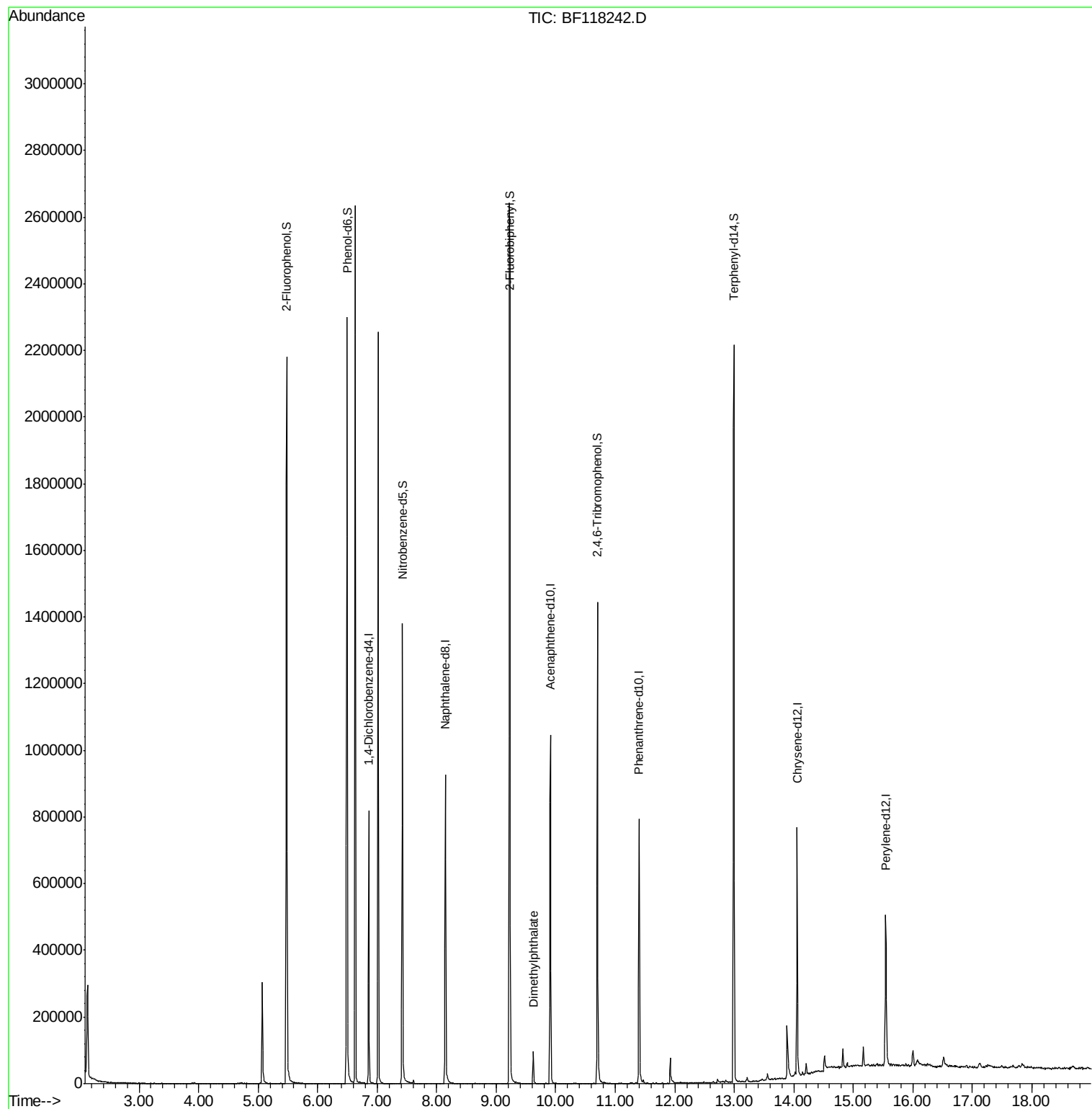
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119063	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	449076	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	214028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	338584	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	256048	20.00	ng	-0.02
87) Perylene-d12	15.54	264	213247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	631060	92.83	ng	0.00
7) Phenol-d6	6.49	99	780443	94.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	456923	57.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	192064	73.87	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	869502	61.82	ng	-0.01
79) Terphenyl-d14	12.99	244	764197	51.32	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	45983	2.909	ng	Qvalue 99

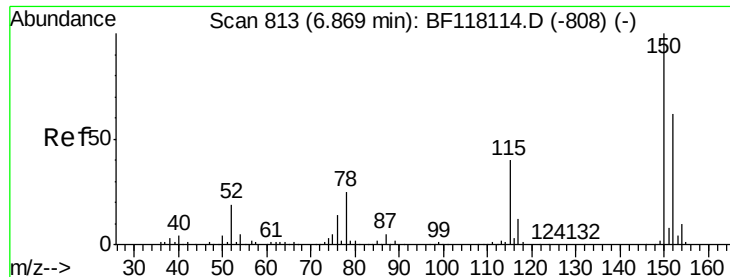
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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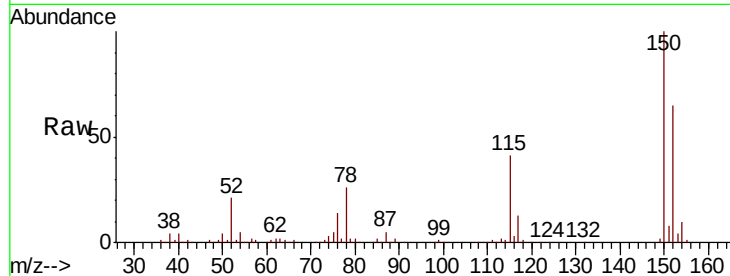


#1

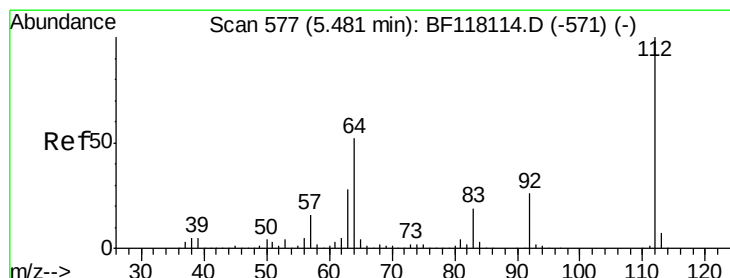
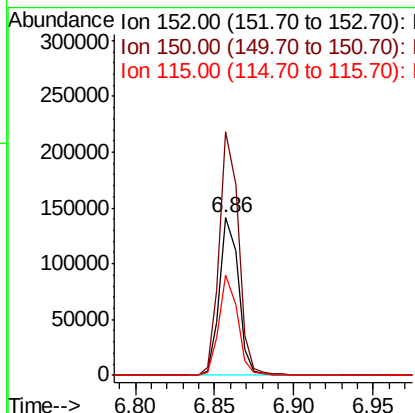
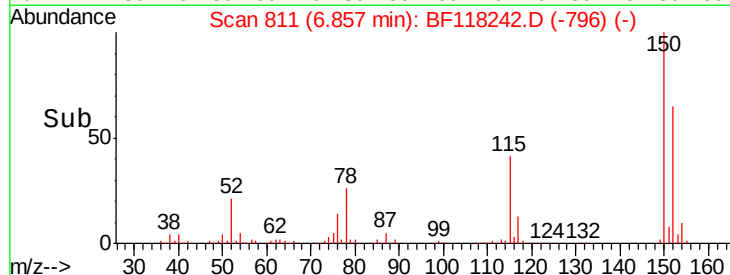
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118242.D
 Acq: 17 Dec 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Tot Ion:152 Resp: 119063
 Ion Ratio Lower Upper
 152 100
 150 154.7 128.3 192.5
 115 63.6 51.1 76.7



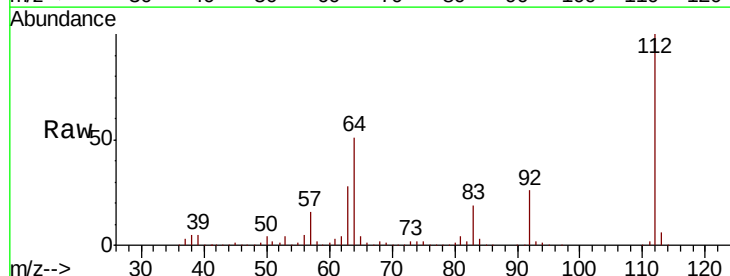
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



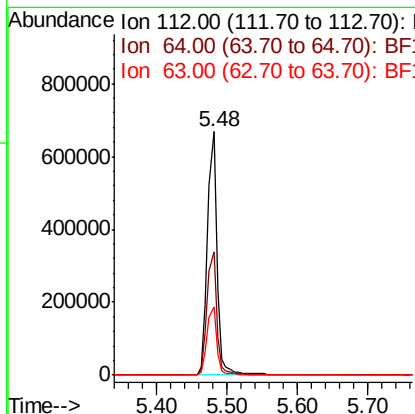
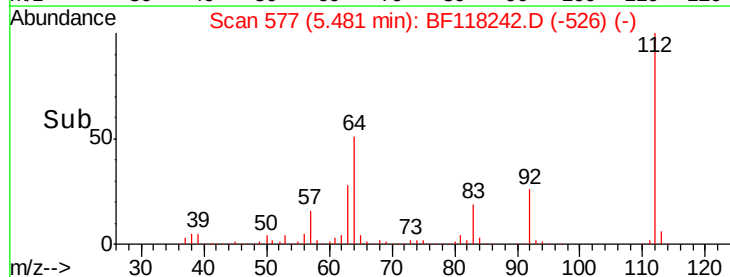
#5

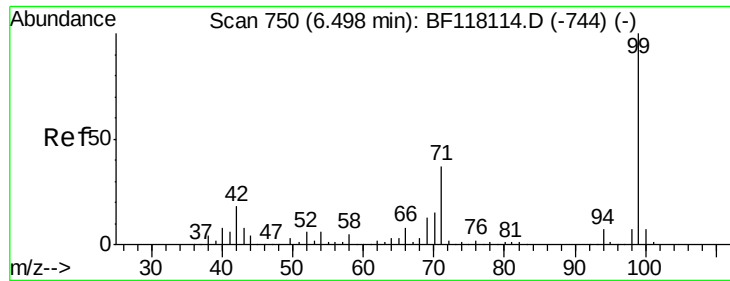
2-Fluorophenol
 Concen: 92.831 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF118242.D
 Acq: 17 Dec 2019 22:40

Tgt Ion:112 Resp: 631060
 Ion Ratio Lower Upper
 112 100
 64 50.6 41.3 61.9
 63 28.1 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: 94.918 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampled :

EP-11

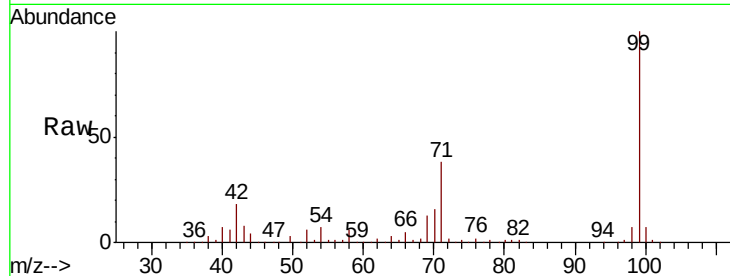
Tot Ion: 99 Resp: 780443

Ion Ratio Lower Upper

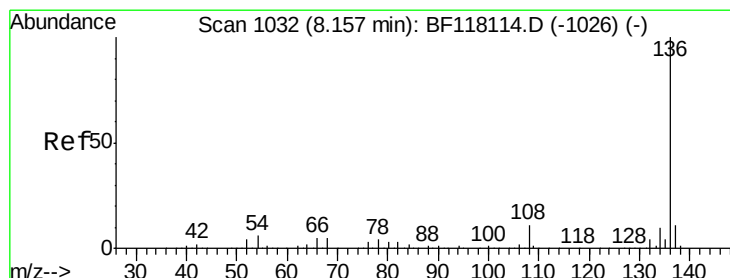
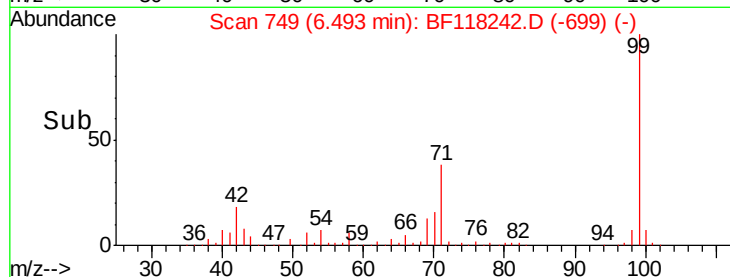
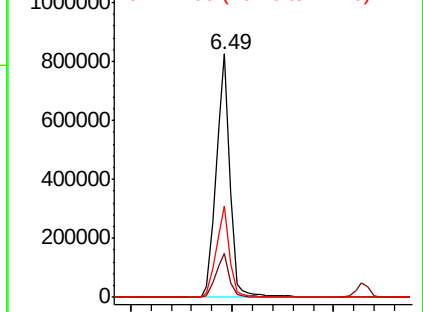
99 100

42 18.1 14.1 21.1

71 37.7 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# 1030

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Tgt Ion: 136 Resp: 449076

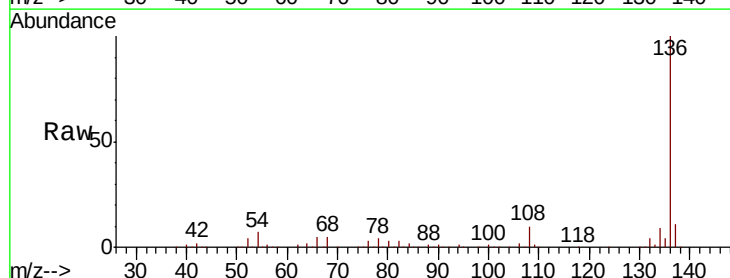
Ion Ratio Lower Upper

136 100

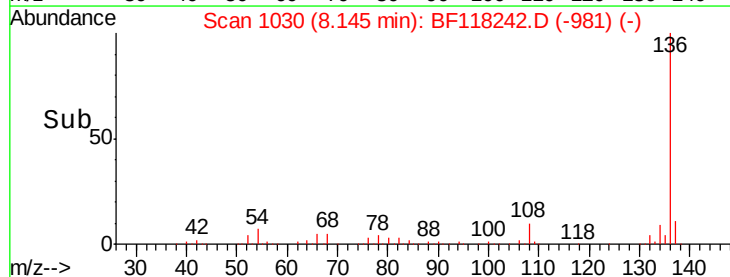
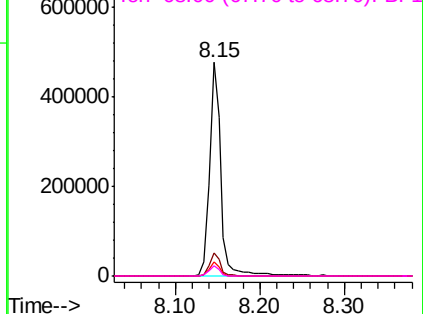
137 11.0 9.0 13.6

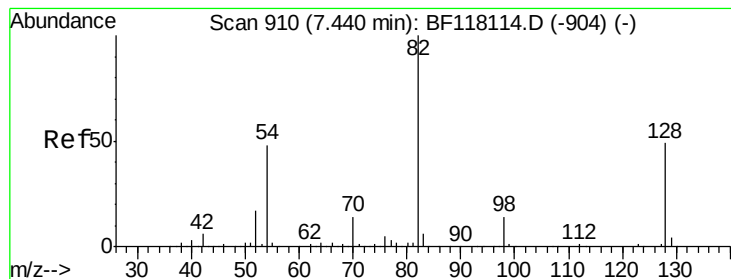
54 6.5 5.0 7.6

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: 57.241 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

EP-11

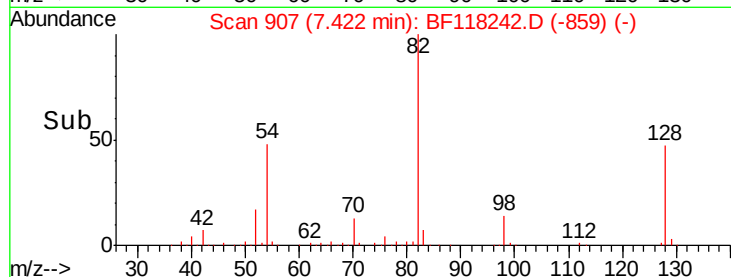
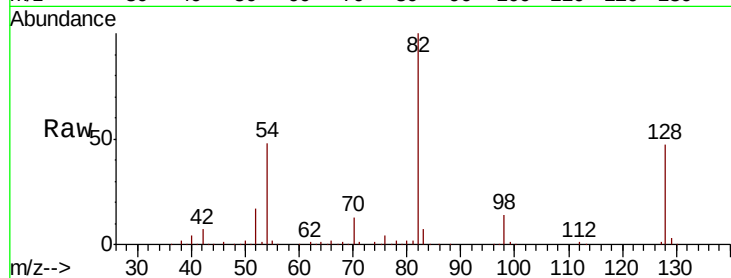
Tot Ion: 82 Resp: 456923

Ion Ratio Lower Upper

82 100

128 47.3 39.1 58.7

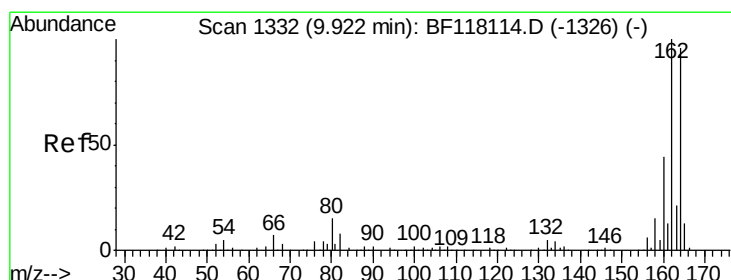
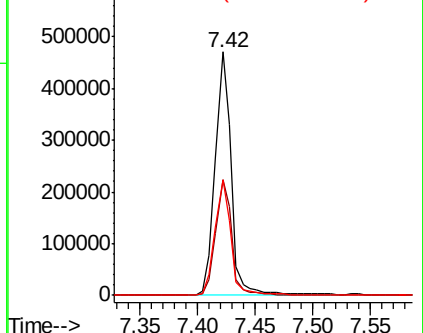
54 47.5 38.2 57.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

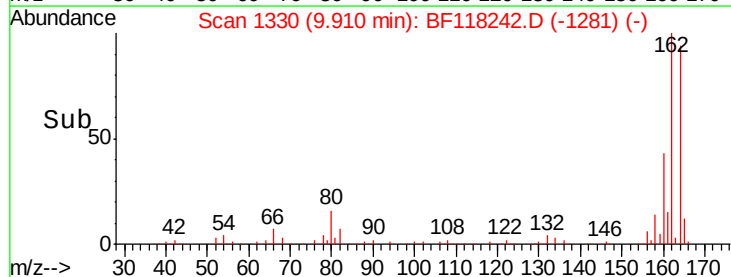
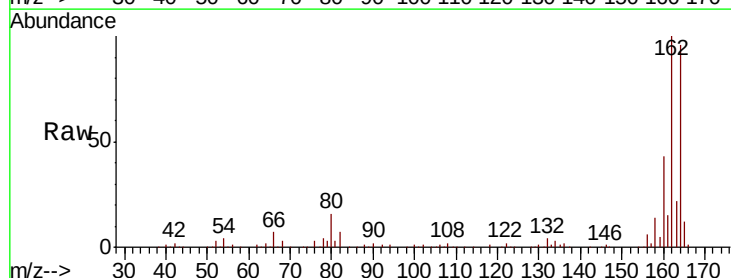
Tgt Ion: 164 Resp: 214028

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

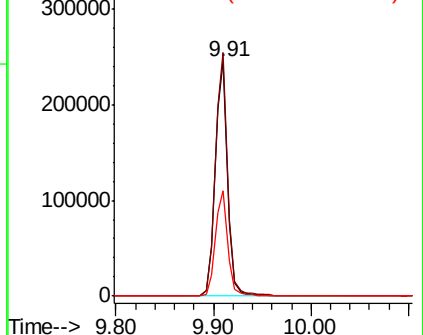
160 45.0 36.6 54.8

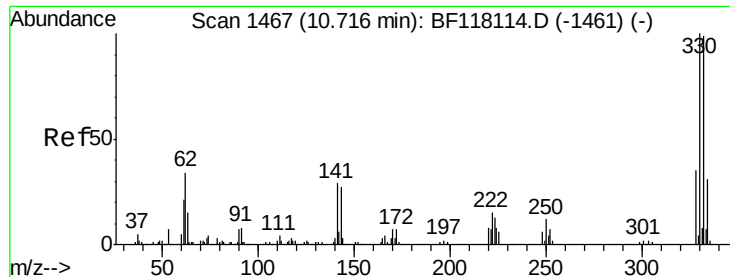


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 73.869 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampled :

EP-11

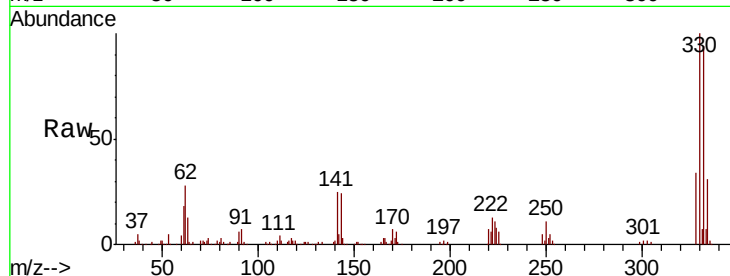
Tot Ion:330 Resp: 192064

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

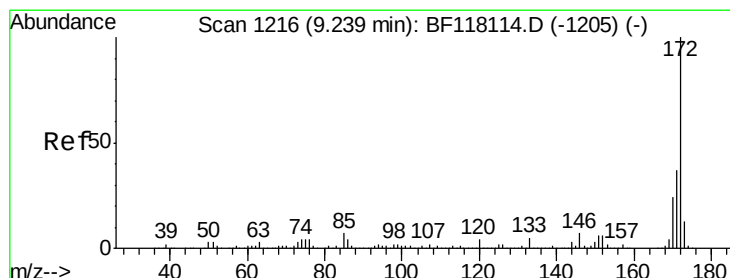
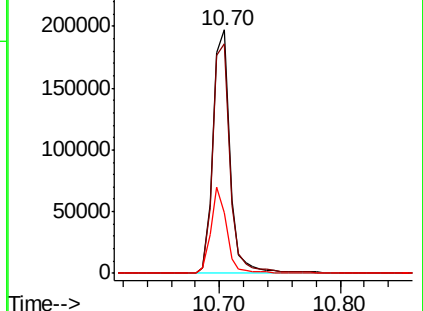
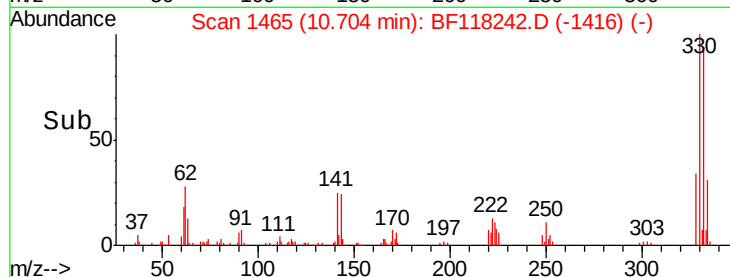
141 32.7 26.9 40.3



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: 61.818 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

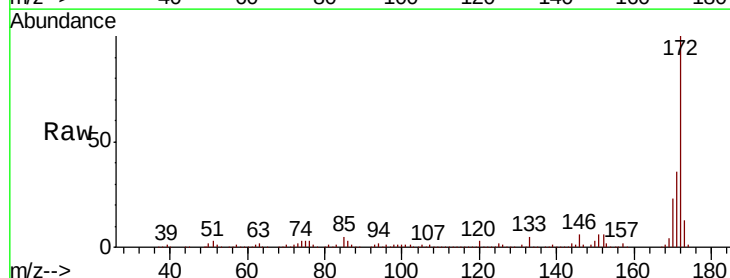
Tgt Ion:172 Resp: 869502

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

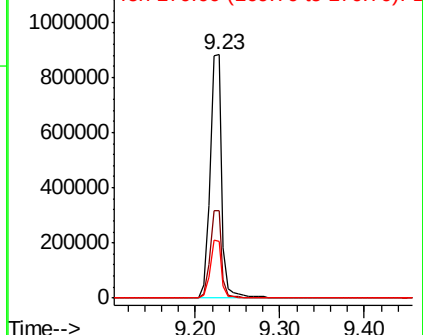
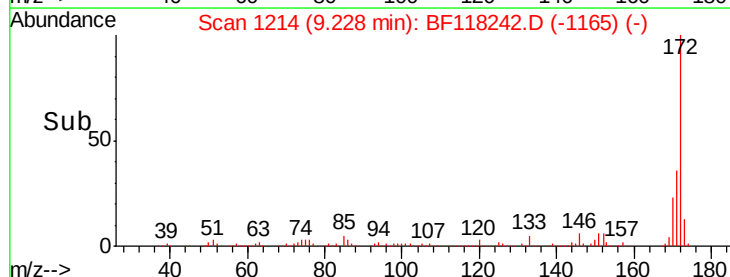
170 23.2 19.4 29.2

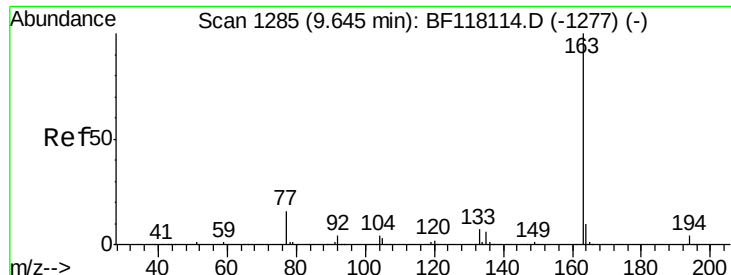


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.909 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

EP-11

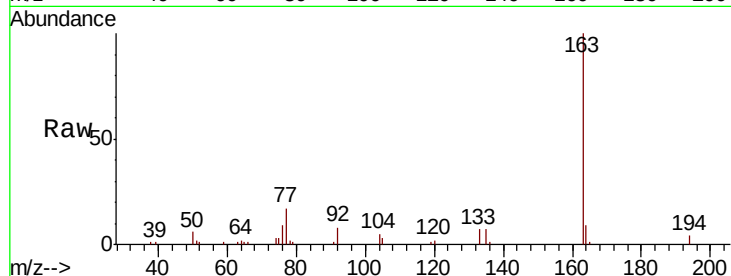
Tot Ion:163 Resp: 45983

Ion Ratio Lower Upper

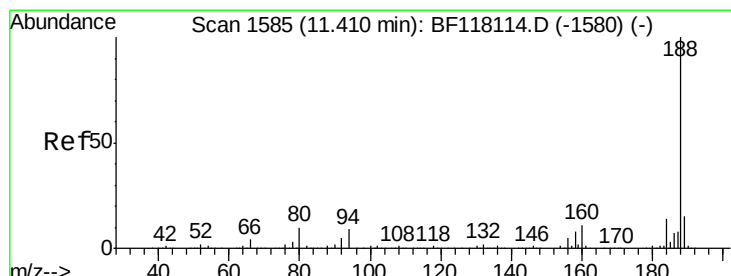
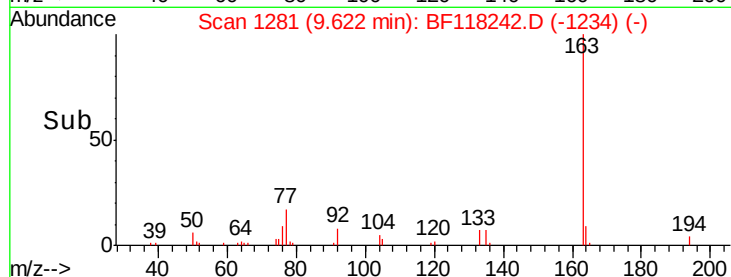
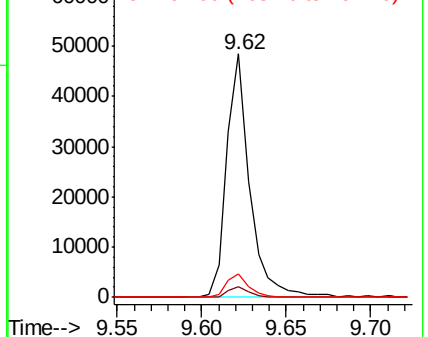
163 100

194 4.2 3.1 4.7

164 9.5 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# 1583

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

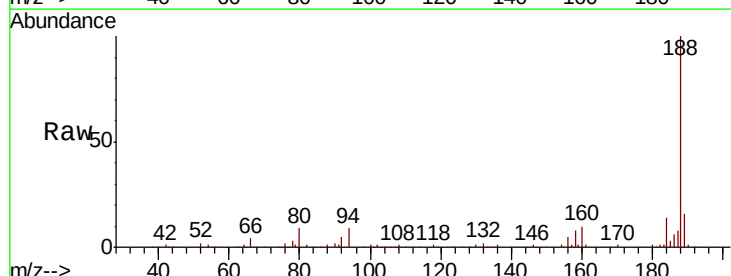
Tgt Ion:188 Resp: 338584

Ion Ratio Lower Upper

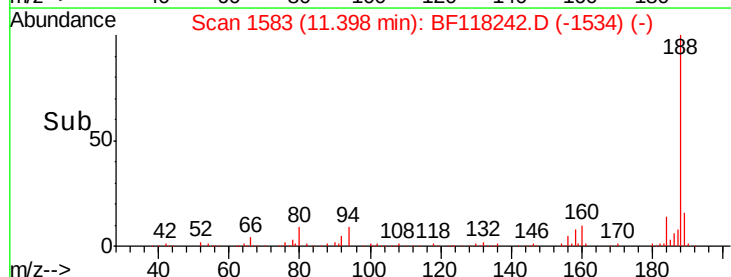
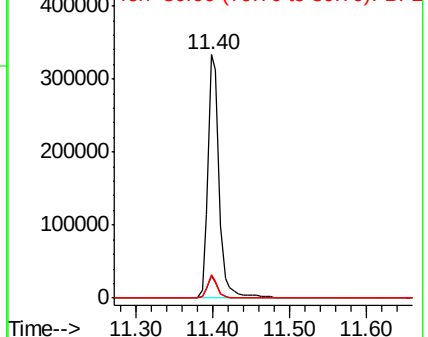
188 100

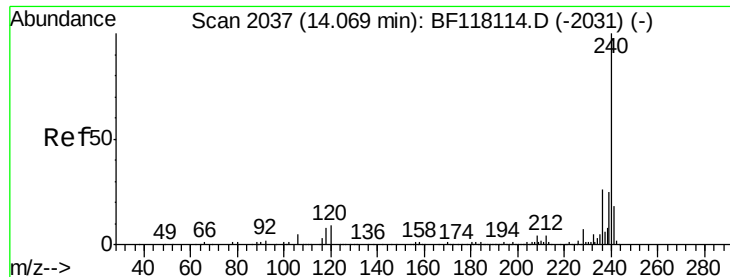
94 9.1 7.1 10.7

80 9.4 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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

Instrument :

BNA_F

ClientSampleId :

EP-11

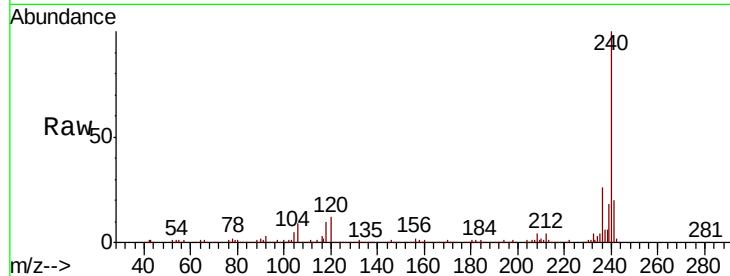
Tot Ion:240 Resp: 256048

Ion Ratio Lower Upper

240 100

120 11.6 7.1 10.7#

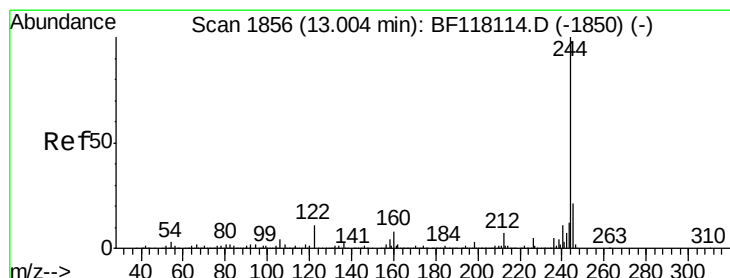
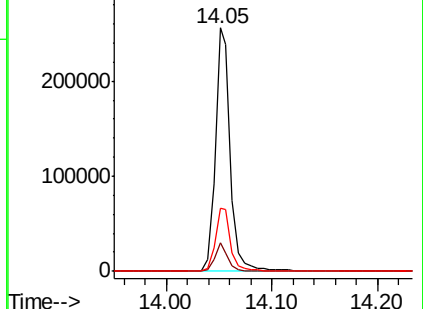
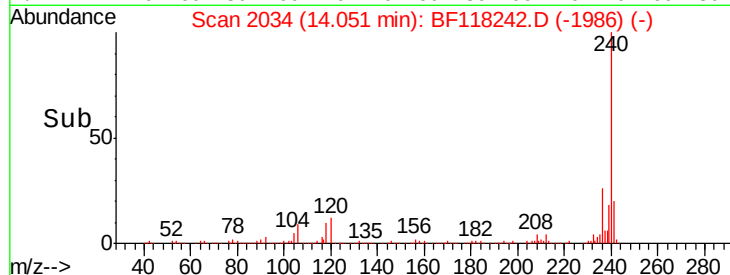
236 25.8 21.0 31.6



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: 51.324 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118242.D

Acq: 17 Dec 2019 22:40

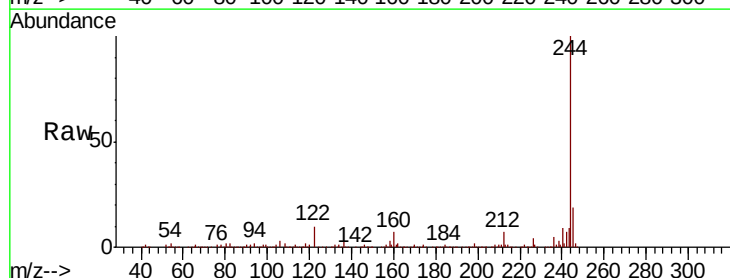
Tgt Ion:244 Resp: 764197

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

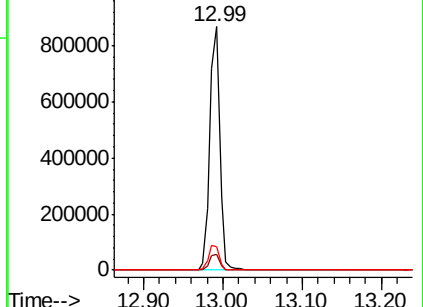
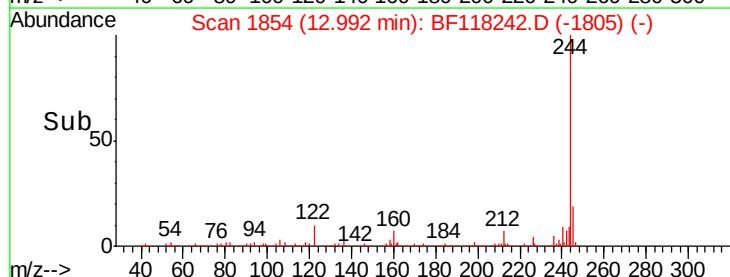
122 9.7 9.0 13.6

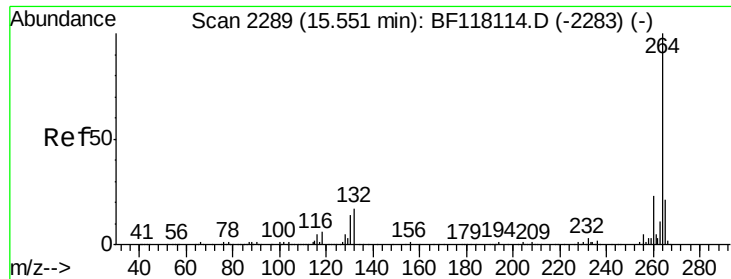


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118242.D
 Acq: 17 Dec 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 EP-11

Tot Ion: 264 Resp: 213247
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 22.0 16.8 25.2

