

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117906.D
 Acq On : 21 Nov 2019 12:33
 Operator : JU
 Sample : K5927-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4A

Quant Time: Nov 21 15:36:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

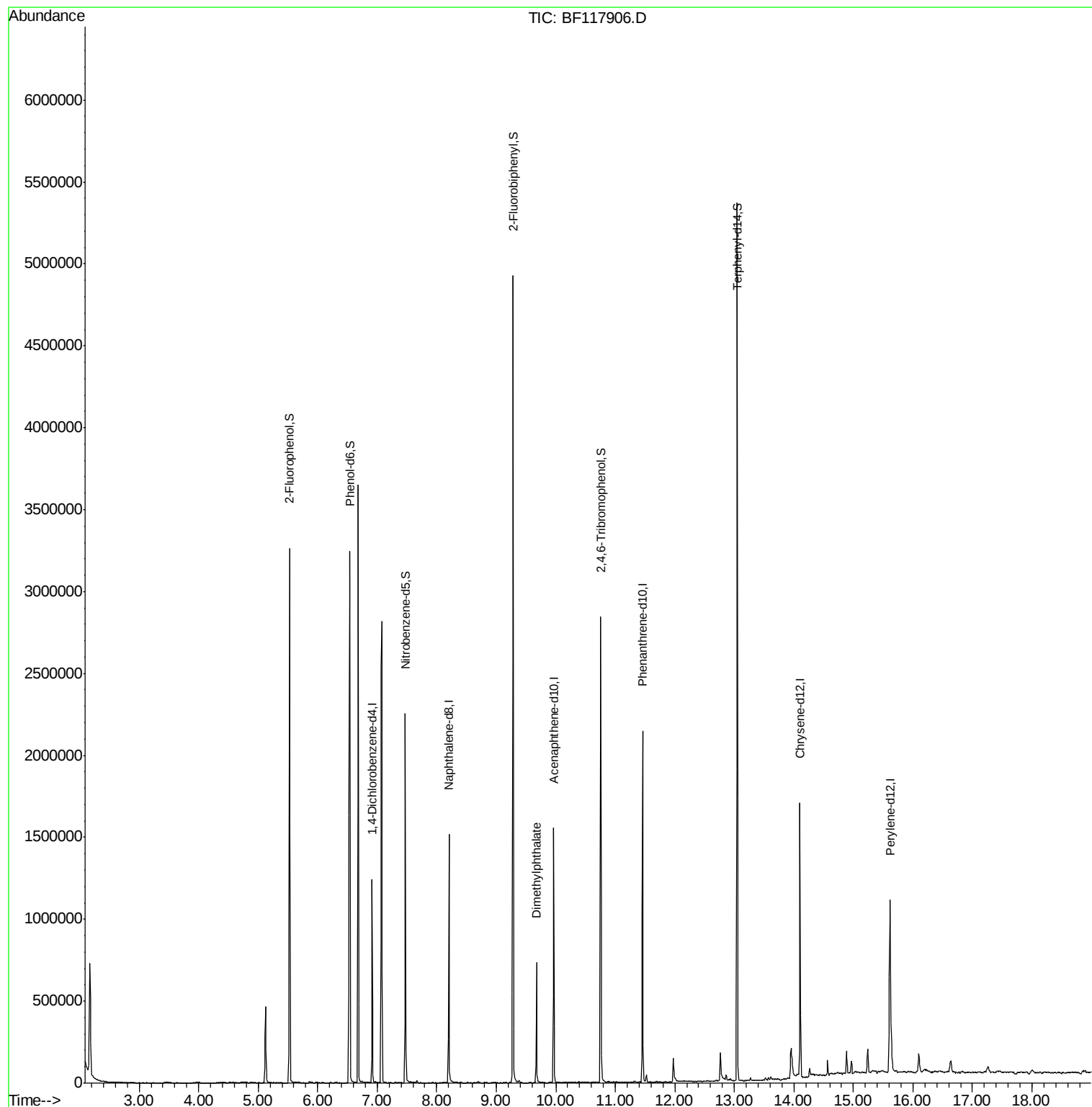
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	167000	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	647384	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	328694	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	736484	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	556200	20.00	ng	-0.01
87) Perylene-d12	15.62	264	517797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	880432	93.32	ng	0.00
7) Phenol-d6	6.54	99	1143408	100.48	ng	0.00
23) Nitrobenzene-d5	7.47	82	704875	64.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	329239	94.61	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1410197	76.97	ng	-0.01
79) Terphenyl-d14	13.05	244	1803955	59.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.67	163	285733	12.397	ng	Qvalue 98

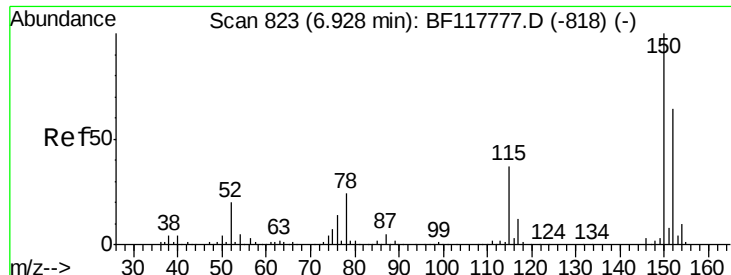
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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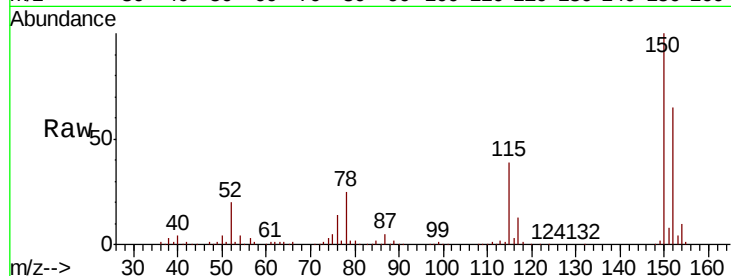


#1

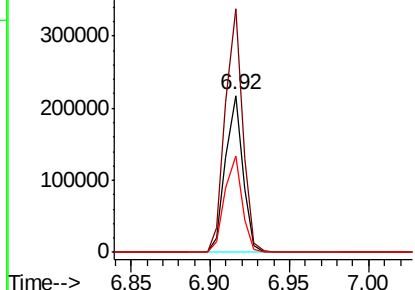
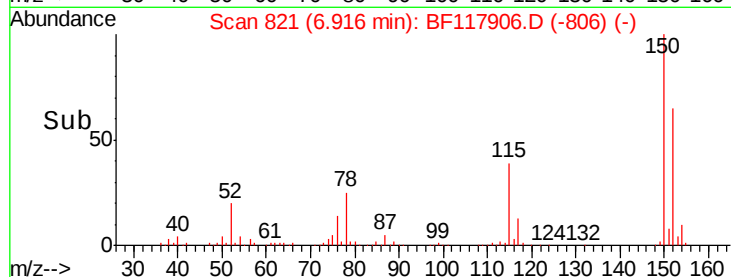
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Instrument :
BNA_F
ClientSampleId :
B-4A

Tot Ion:152 Resp: 167000
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 61.0 47.0 70.4



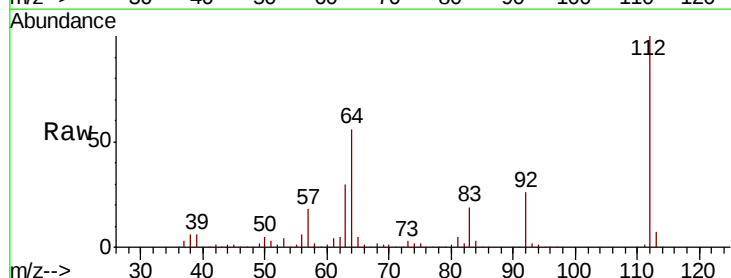
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



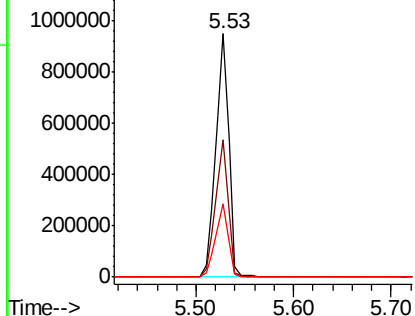
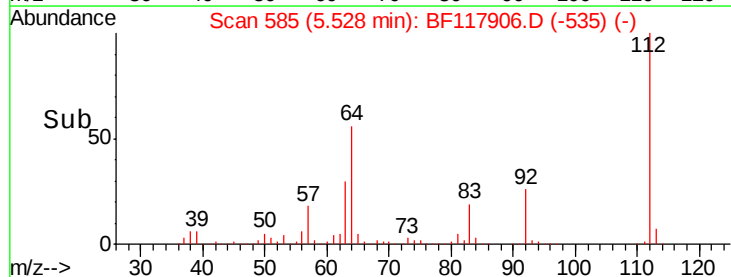
#5

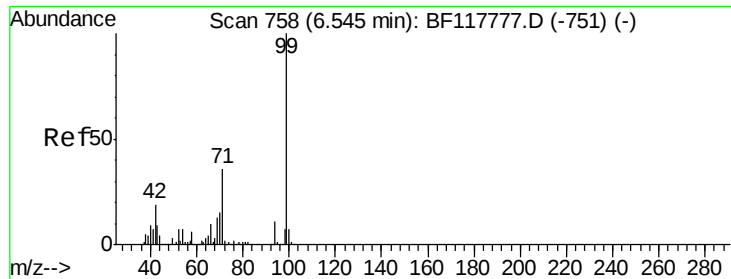
2-Fluorophenol
Concen: 93.321 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117906.D
Acq: 21 Nov 2019 12:33

Tgt Ion:112 Resp: 880432
Ion Ratio Lower Upper
112 100
64 56.5 45.6 68.4
63 30.0 24.1 36.1



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: 100.480 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

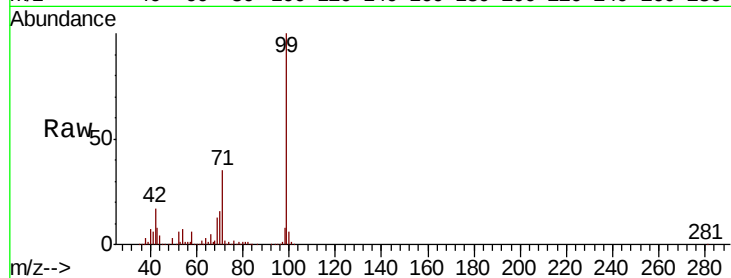
Tot Ion: 99 Resp: 1143408

Ion Ratio Lower Upper

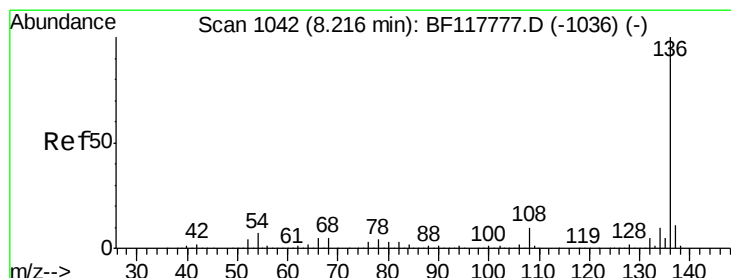
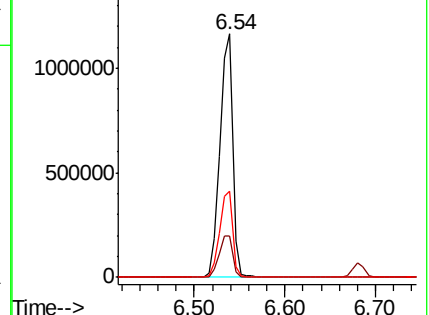
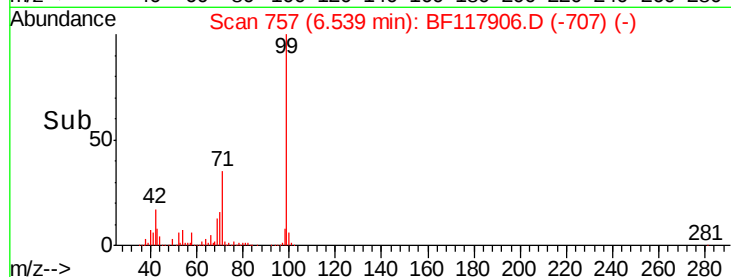
99 100

42 17.3 14.9 22.3

71 35.5 28.6 43.0



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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Tgt Ion: 136 Resp: 647384

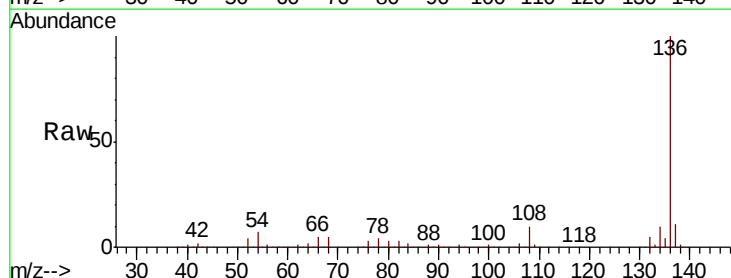
Ion Ratio Lower Upper

136 100

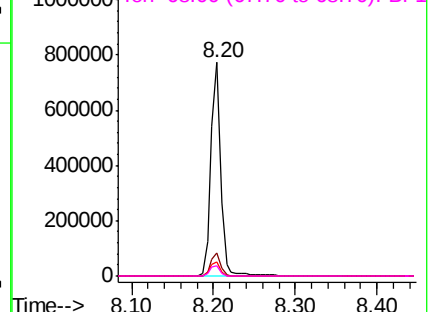
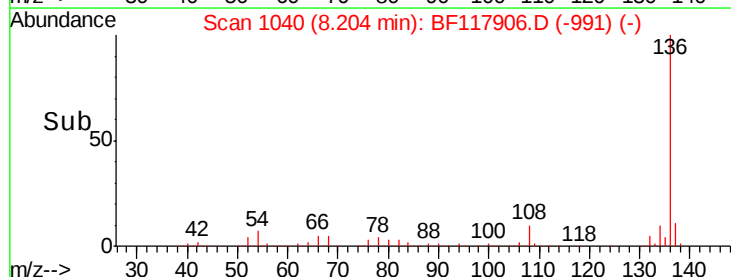
137 10.9 9.0 13.4

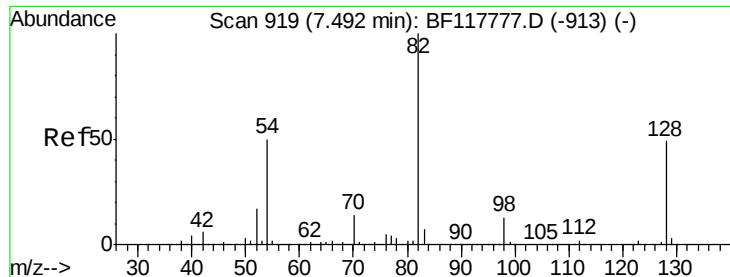
54 6.7 5.4 8.2

68 5.1 4.3 6.5



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

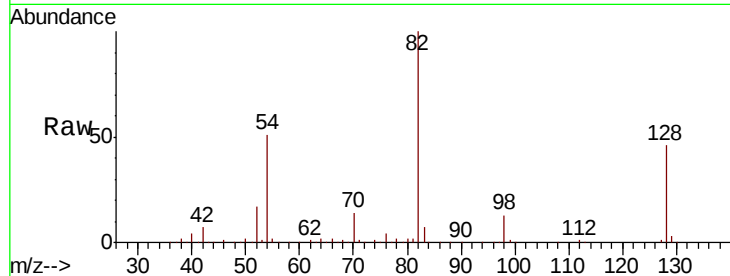




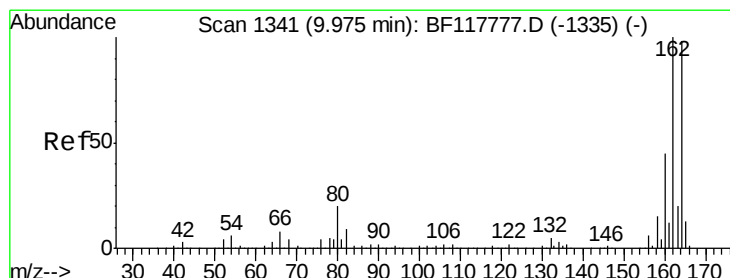
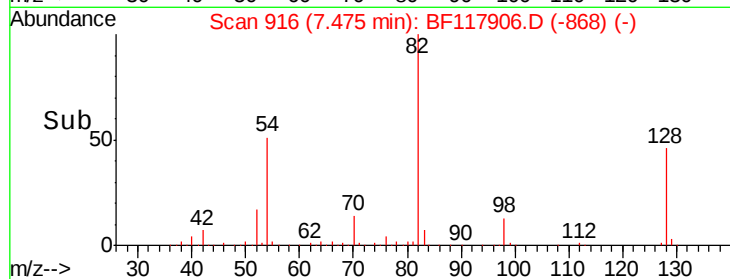
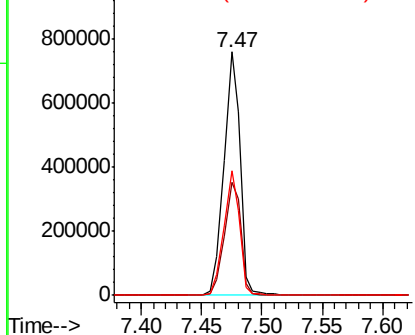
#23
 Nitrobenzene-d5
 Concen: 64.725 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Instrument :
 BNA_F
 ClientSampleId :
 B-4A

Tot Ion: 82 Resp: 704875
 Ion Ratio Lower Upper
 82 100
 128 46.3 38.9 58.3
 54 50.9 39.8 59.6

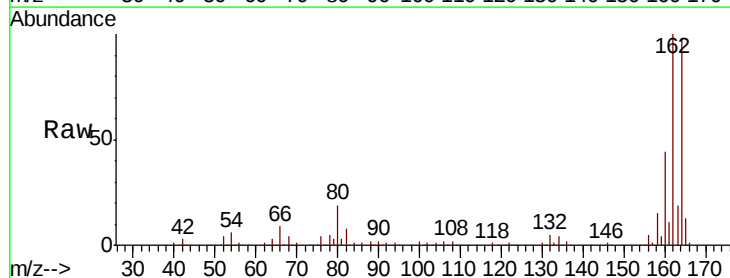


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

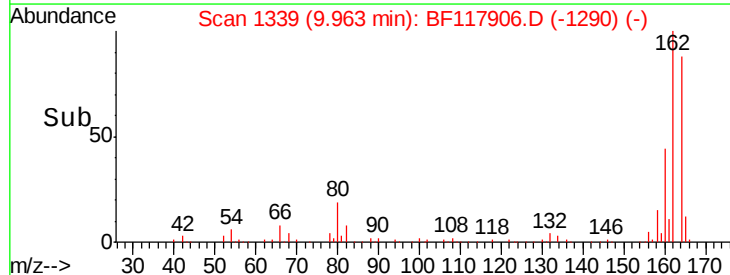
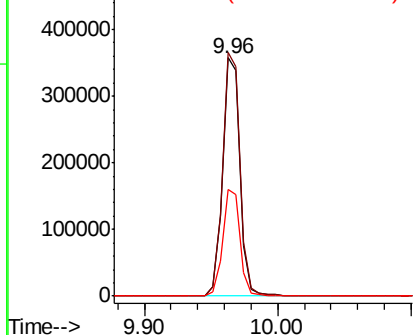


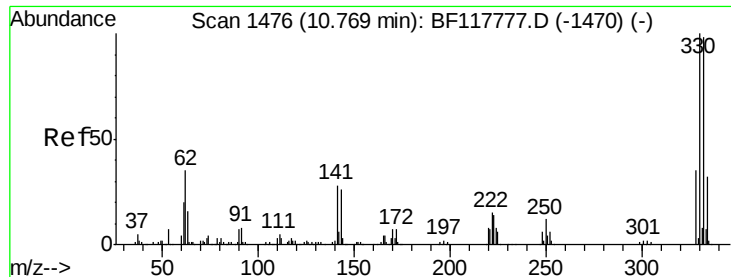
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Tgt Ion: 164 Resp: 328694
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.3 121.9
 160 44.8 36.6 55.0



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: 94.613 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

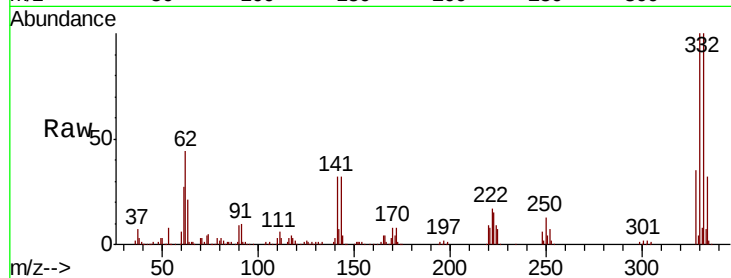
Tot Ion:330 Resp: 329239

Ion Ratio Lower Upper

330 100

332 98.2 76.7 115.1

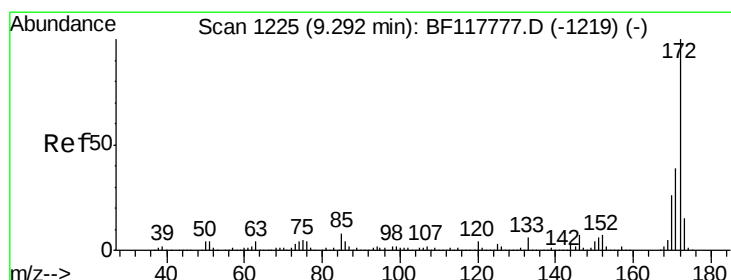
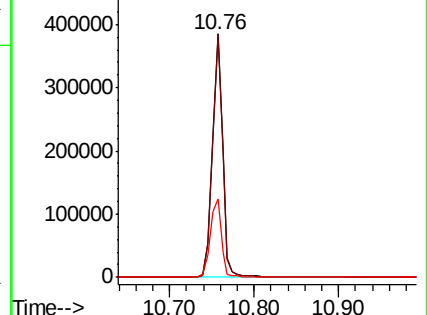
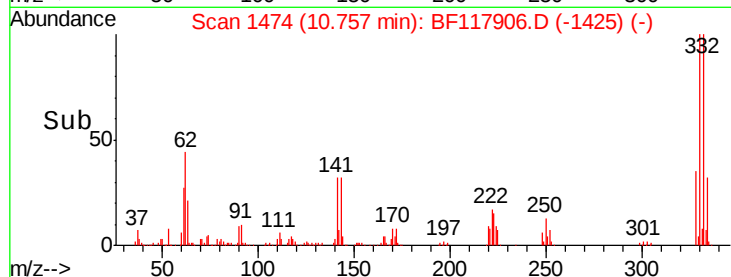
141 34.5 27.7 41.5



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: 76.970 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

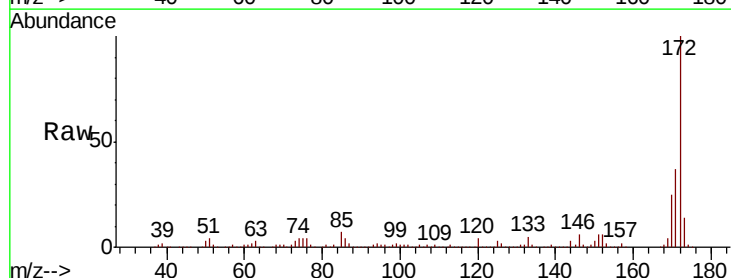
Tgt Ion:172 Resp: 1410197

Ion Ratio Lower Upper

172 100

171 36.7 30.9 46.3

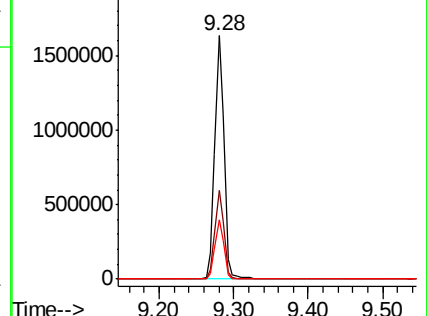
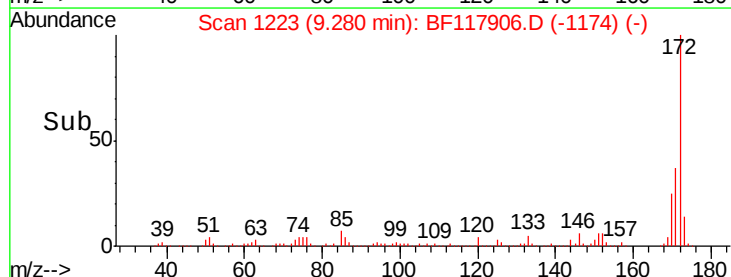
170 24.6 21.0 31.4

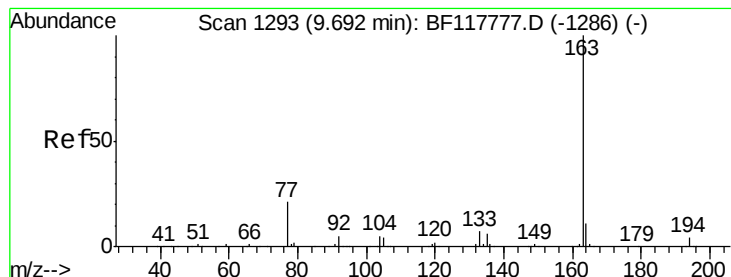


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.397 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

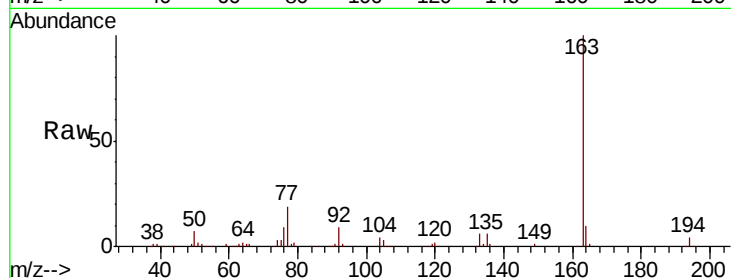
Tot Ion:163 Resp: 285733

Ion Ratio Lower Upper

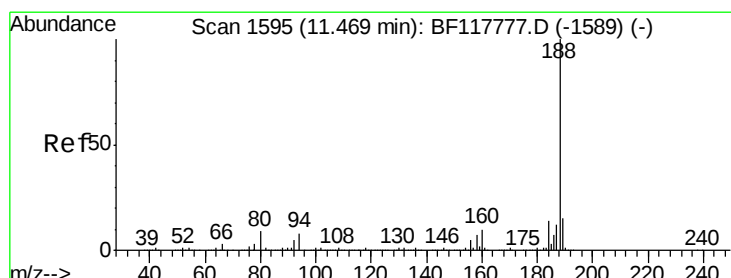
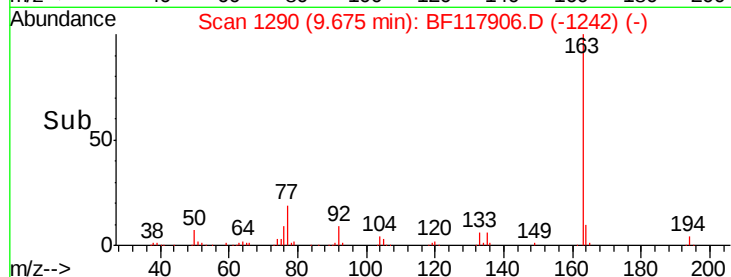
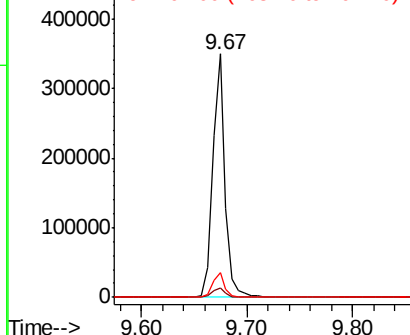
163 100

194 3.9 3.3 4.9

164 10.0 8.7 13.1



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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

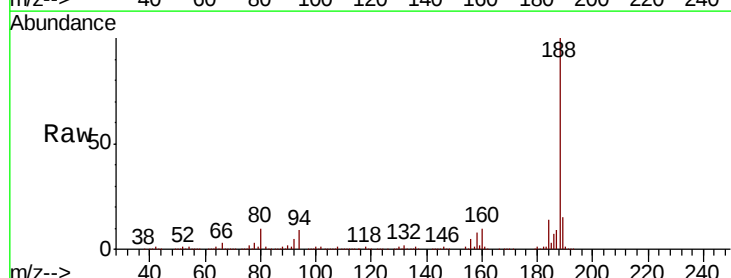
Tgt Ion:188 Resp: 736484

Ion Ratio Lower Upper

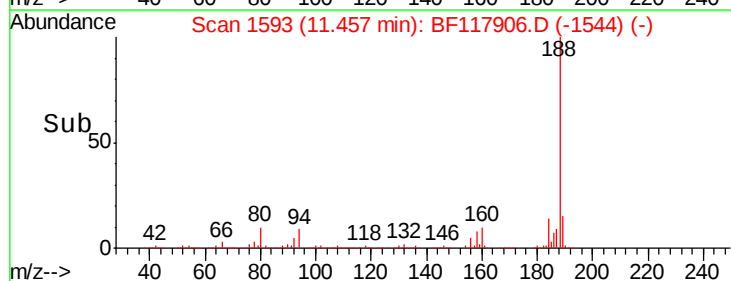
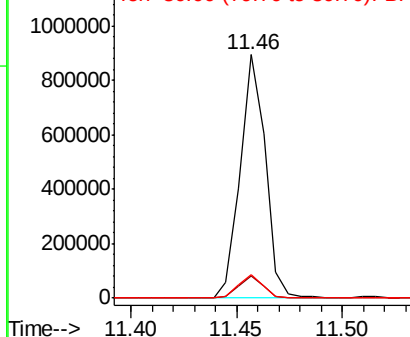
188 100

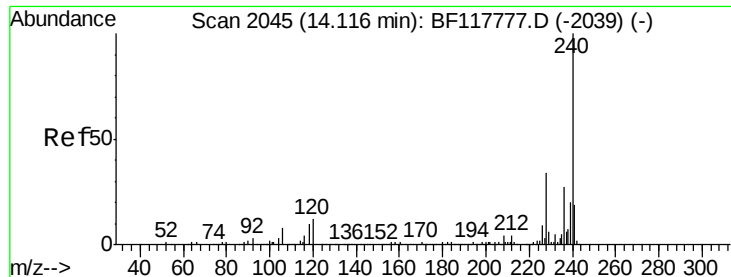
94 9.1 6.6 10.0

80 9.8 7.2 10.8



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

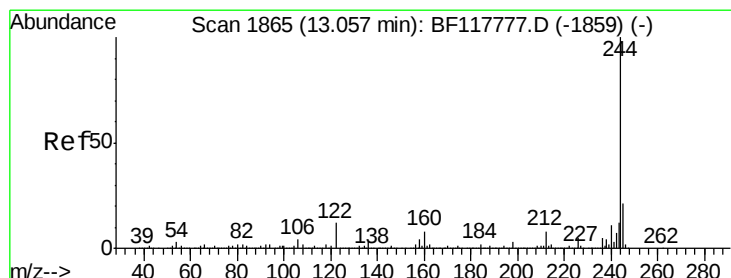
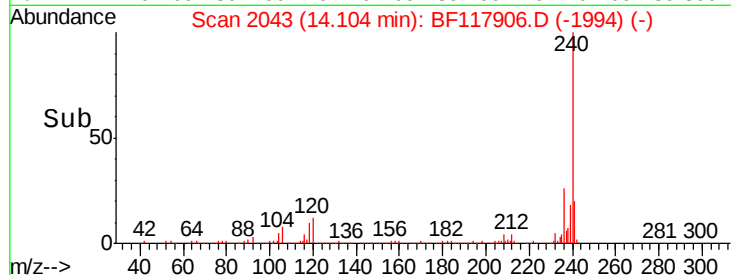
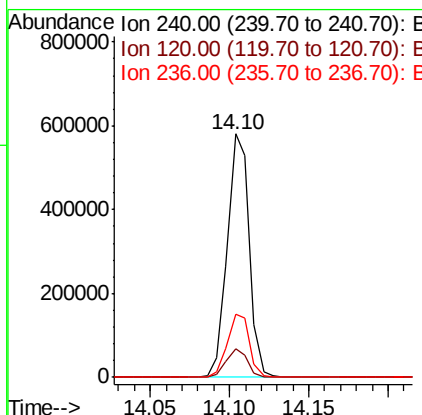
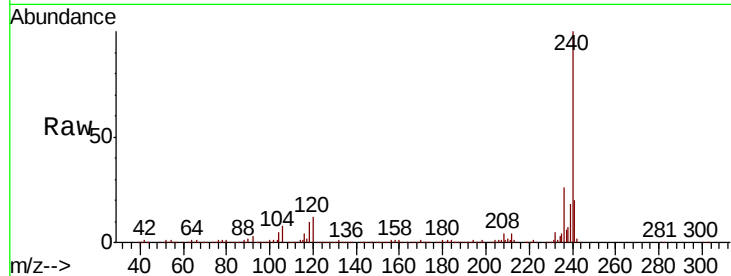




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

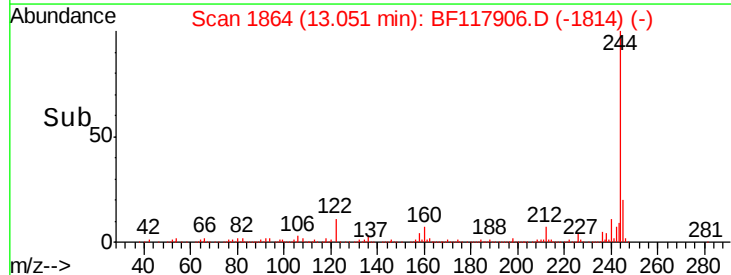
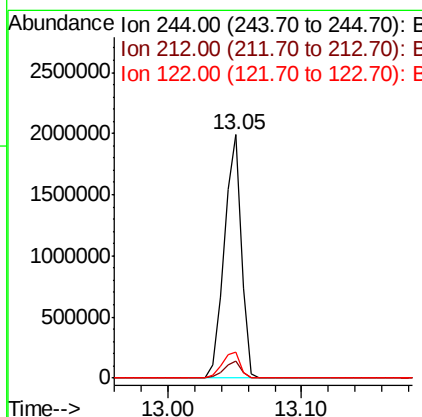
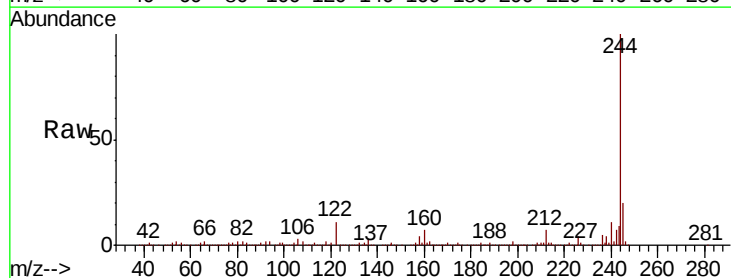
Instrument :
 BNA_F
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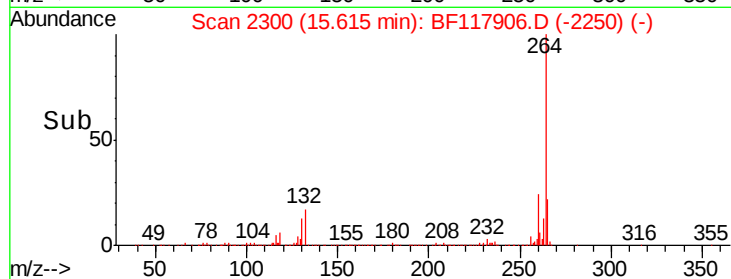
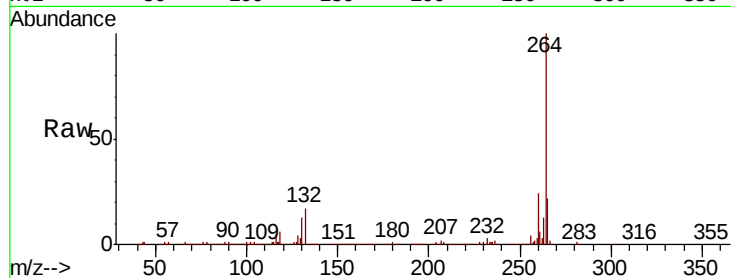
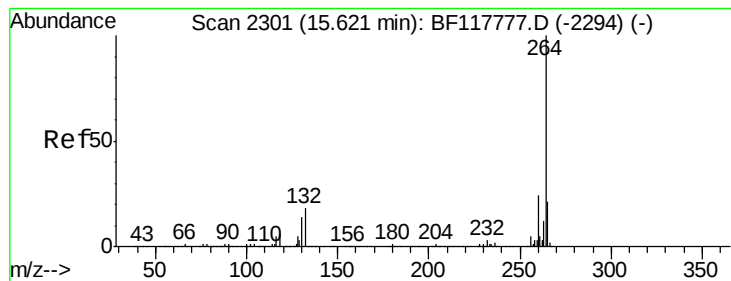
Tot Ion:240 Resp: 556200
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 25.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 59.276 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117906.D
 Acq: 21 Nov 2019 12:33

Tgt Ion:244 Resp: 1803955
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 10.9 9.4 14.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117906.D

Acq: 21 Nov 2019 12:33

Instrument :

BNA_F

ClientSampleId :

B-4A

Tot Ion:264 Resp: 517797

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.0 17.1 25.7

