

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117161.D
 Acq On : 18 Sep 2019 22:40
 Operator : HP/JU
 Sample : K4942-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Sep 19 08:17:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

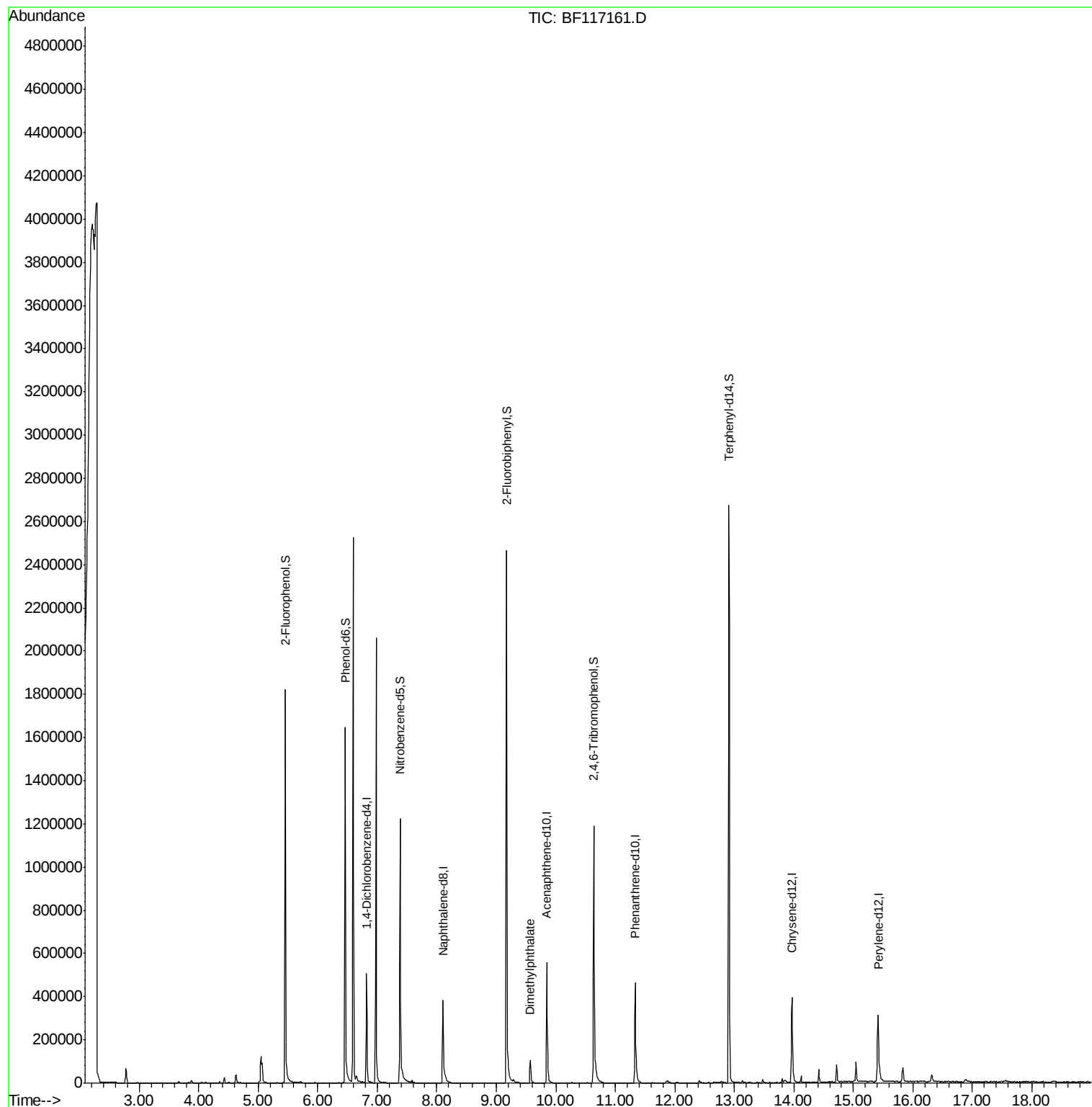
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74281	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	288945	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	147575	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	246020	20.00	ng	0.00
76) Chrysene-d12	13.97	240	186892	20.00	ng	0.00
87) Perylene-d12	15.42	264	177132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	548570	115.30	ng	0.02
7) Phenol-d6	6.46	99	643236	104.61	ng	0.00
23) Nitrobenzene-d5	7.39	82	536888	97.63	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	183436	148.73	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	957613	101.46	ng	0.00
79) Terphenyl-d14	12.91	244	932633	93.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	71334	6.827	ng	99

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

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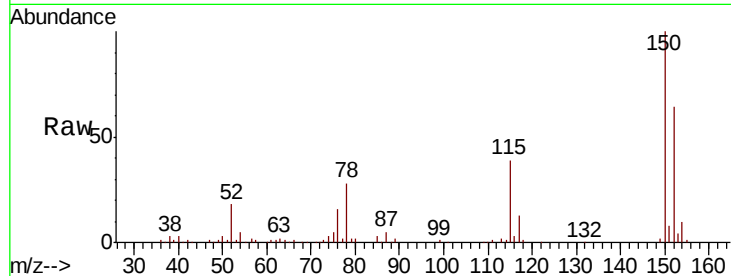


#1

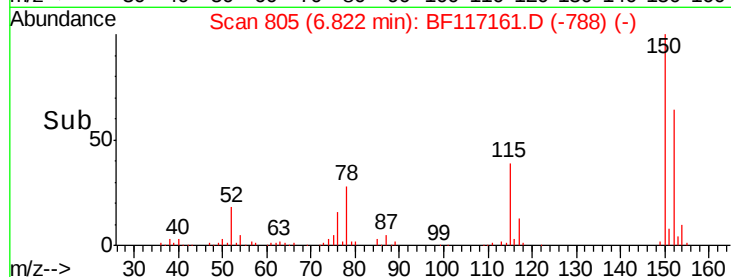
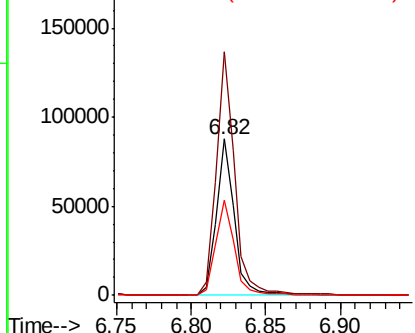
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:152 Resp: 74281
Ion Ratio Lower Upper
152 100
150 155.6 127.5 191.3
115 60.4 55.0 82.4



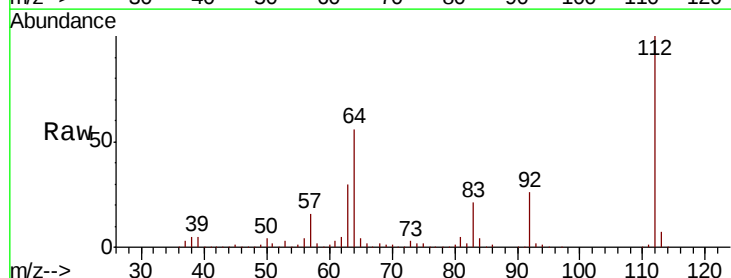
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



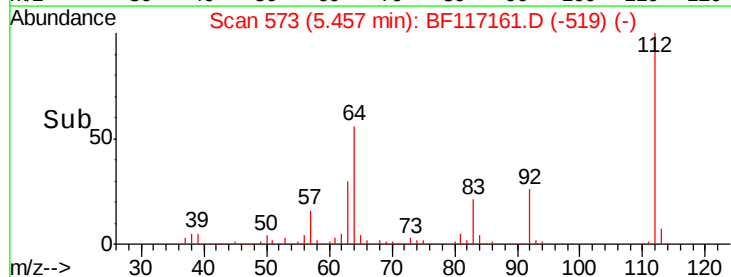
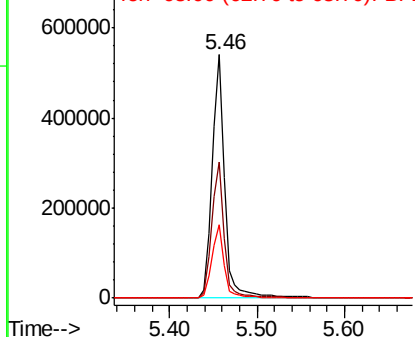
#5

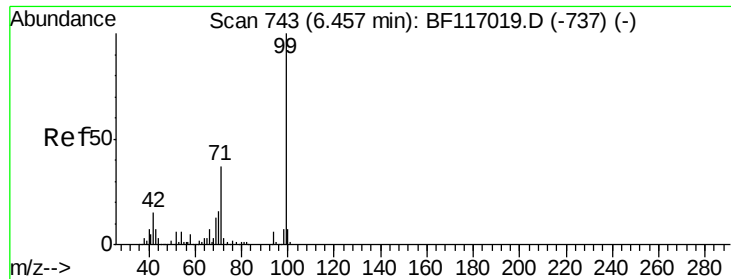
2-Fluorophenol
Concen: 115.299 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

Tgt Ion:112 Resp: 548570
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 30.0 24.9 37.3



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: 104.612 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117161.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_F

ClientSampleId :

TP-5

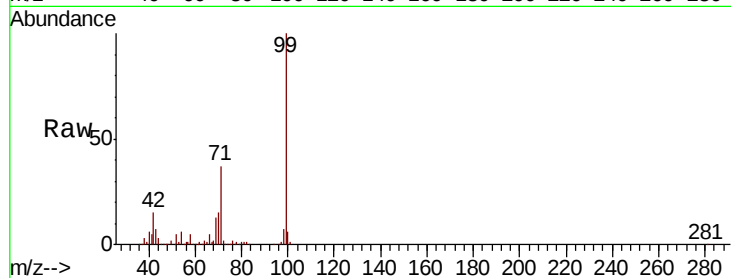
Tot Ion: 99 Resp: 643236

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

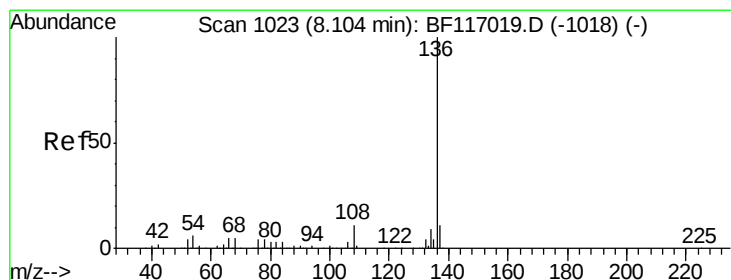
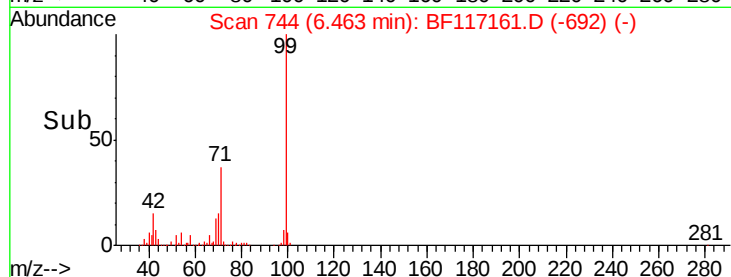
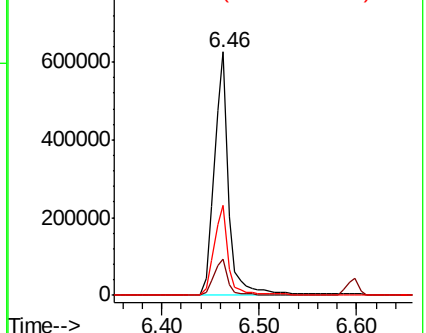
71 36.8 29.8 44.8



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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117161.D

Acq: 18 Sep 2019 22:40

Tgt Ion: 136 Resp: 288945

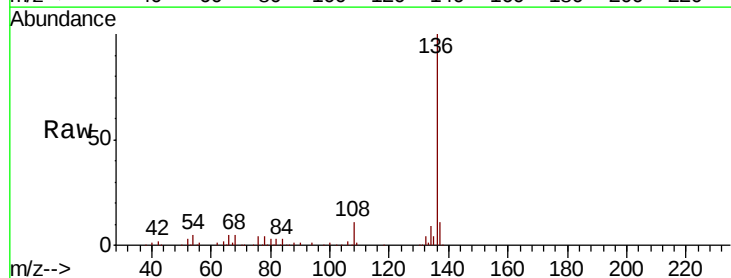
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 4.8 4.5 6.7

68 4.5 4.0 6.0

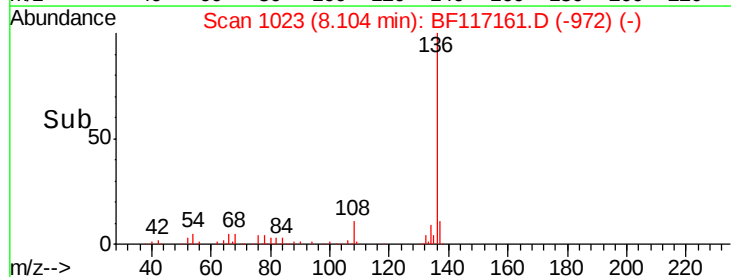
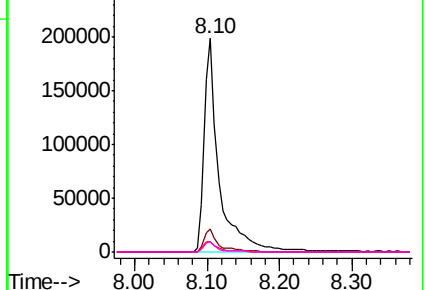


Abundance Ion 136.00 (135.70 to 136.70): E

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

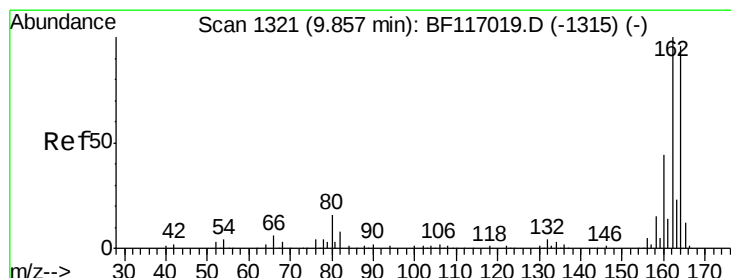
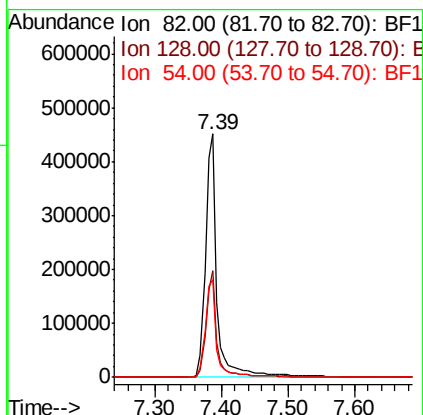
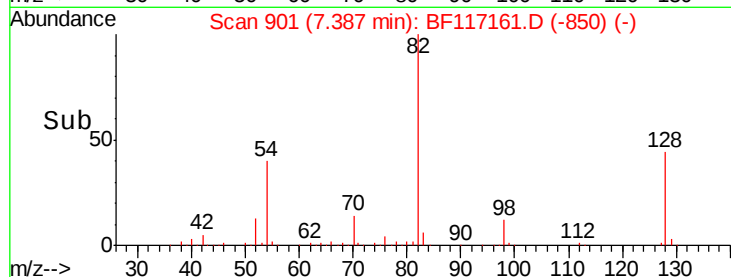
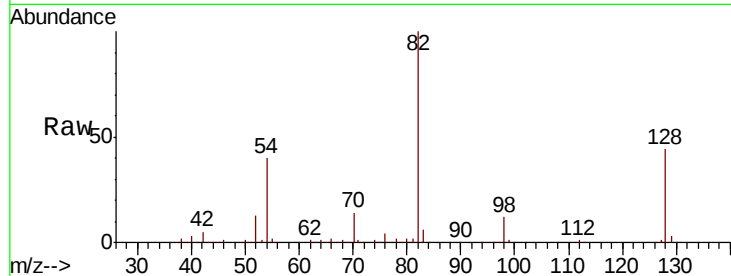




#23
Nitrobenzene-d5
Concen: 97.629 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

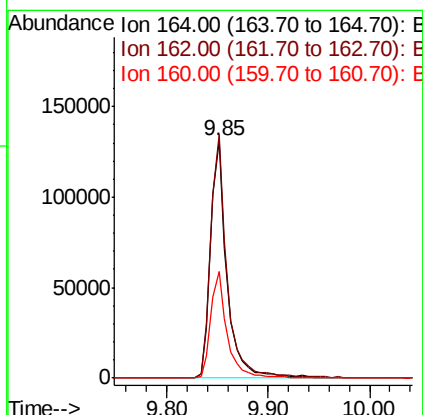
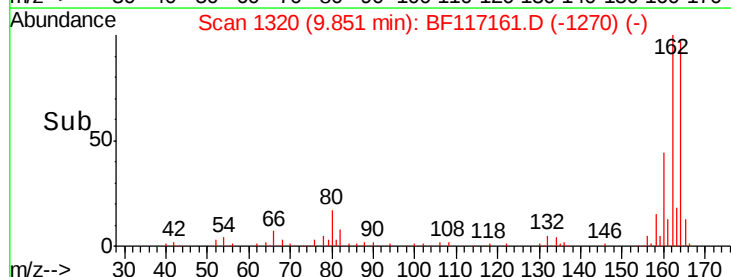
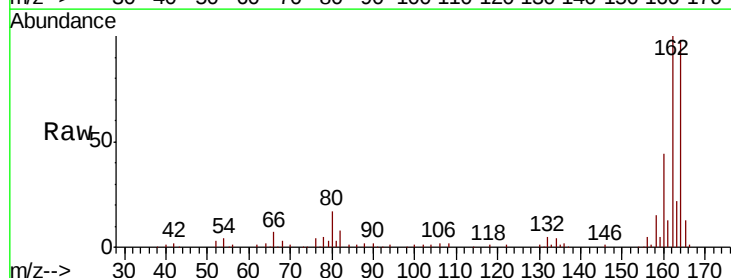
Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion: 82 Resp: 536888
Ion Ratio Lower Upper
82 100
128 43.6 32.3 48.5
54 40.0 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

Tgt Ion: 164 Resp: 147575
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.2
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 148.725 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117161.D

Acq: 18 Sep 2019 22:40

Instrument :

BNA_F

ClientSampleId :

TP-5

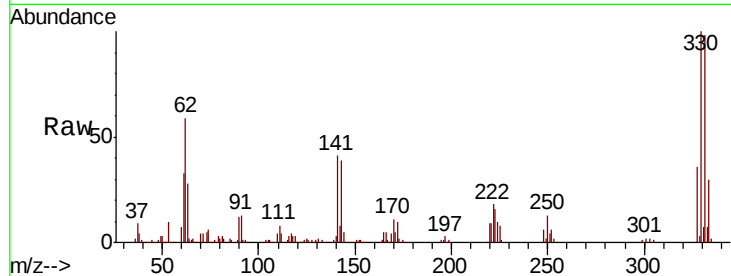
Tot Ion:330 Resp: 183436

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

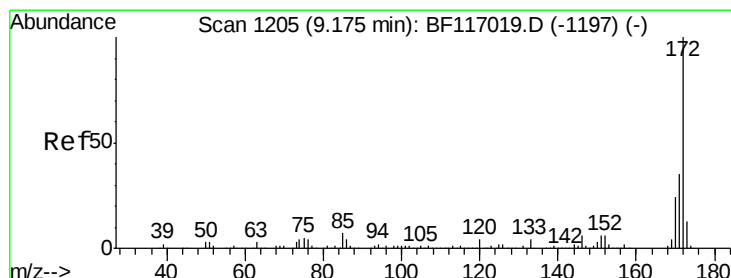
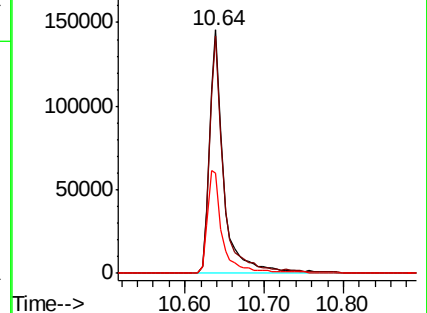
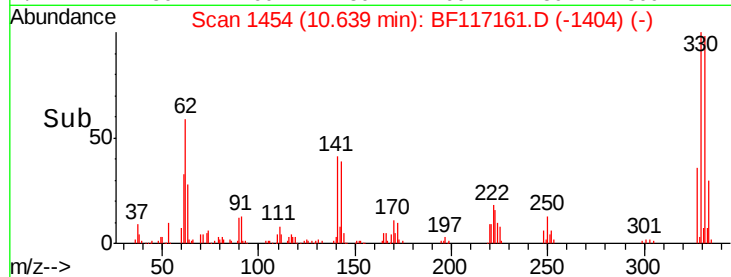
141 45.5 35.8 53.6



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: 101.460 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117161.D

Acq: 18 Sep 2019 22:40

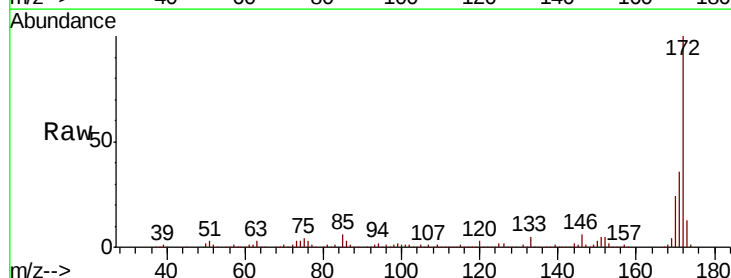
Tgt Ion:172 Resp: 957613

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

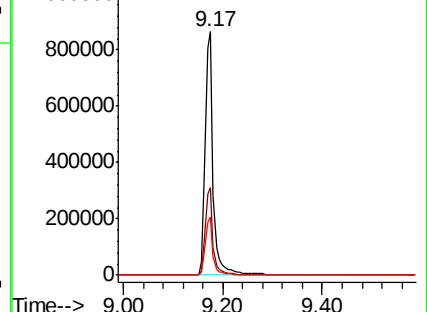
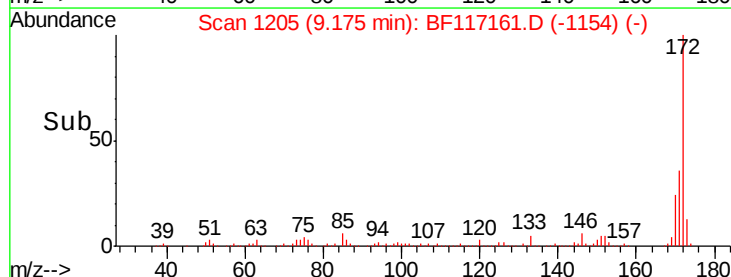
170 24.0 18.9 28.3

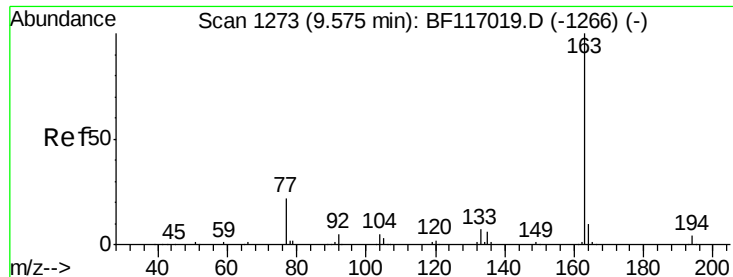


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

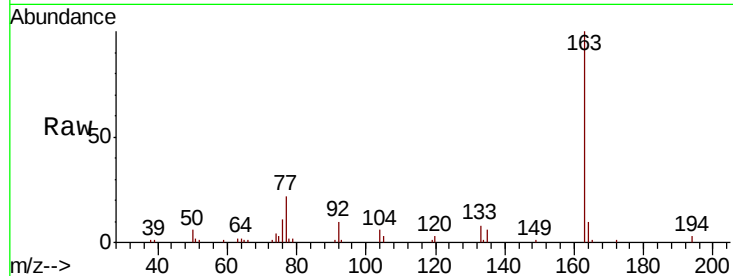




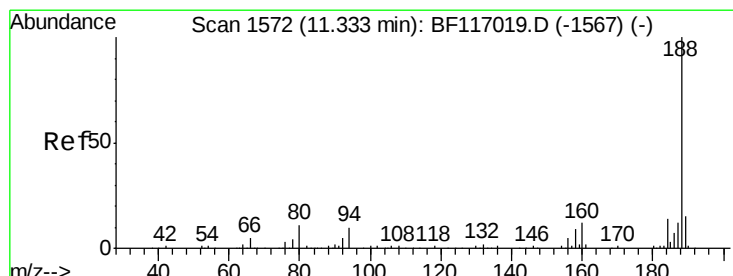
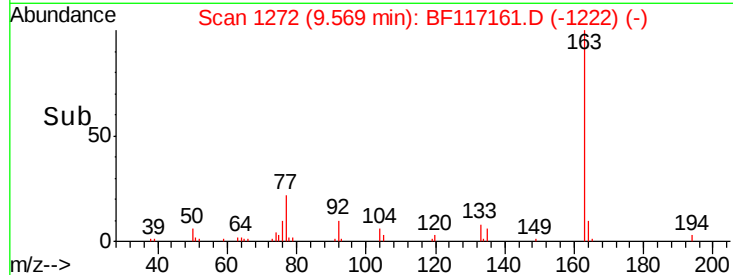
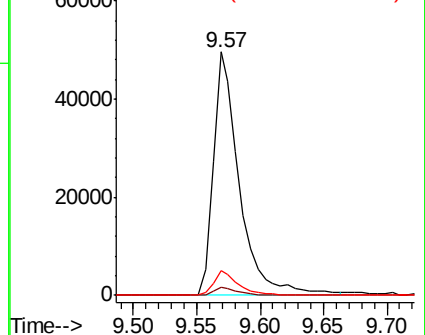
#50
Dimethylphthalate
Concen: 6.827 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:163 Resp: 71334
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.0 8.2 12.4

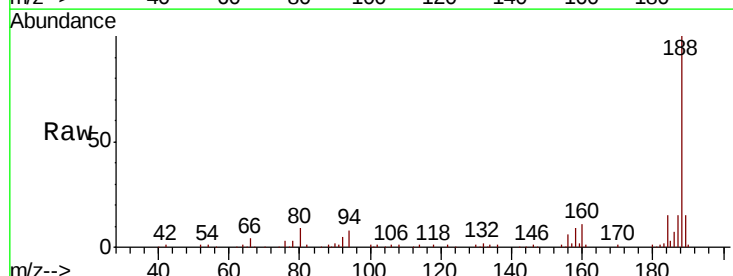


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

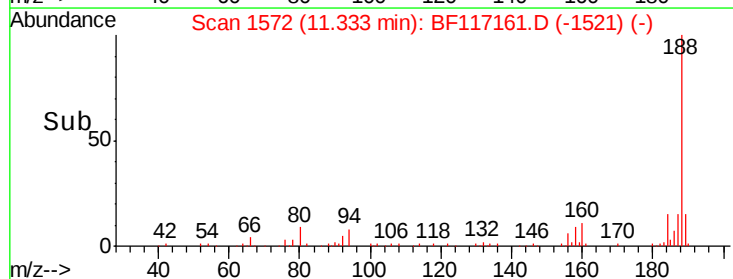
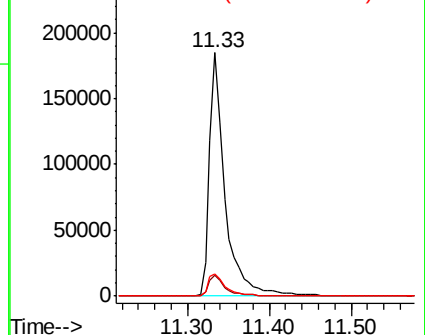


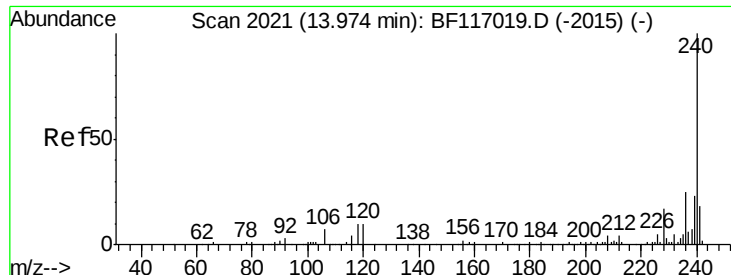
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117161.D
Acq: 18 Sep 2019 22:40

Tgt Ion:188 Resp: 246020
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.4 9.0 13.6



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

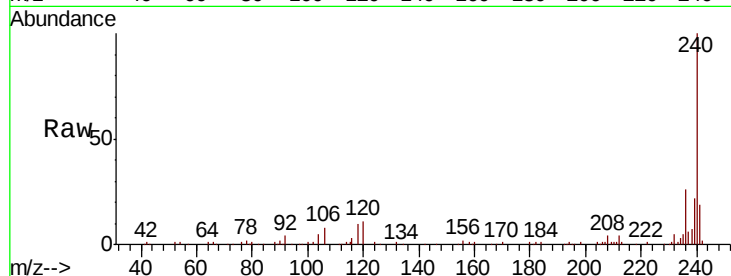




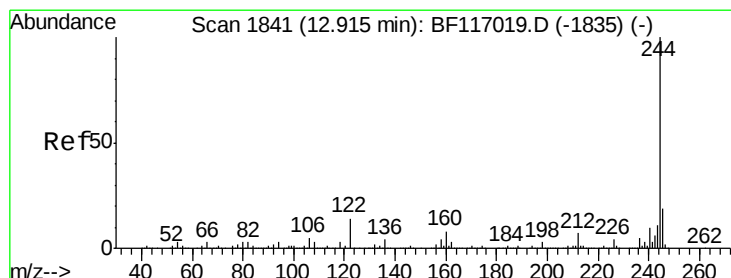
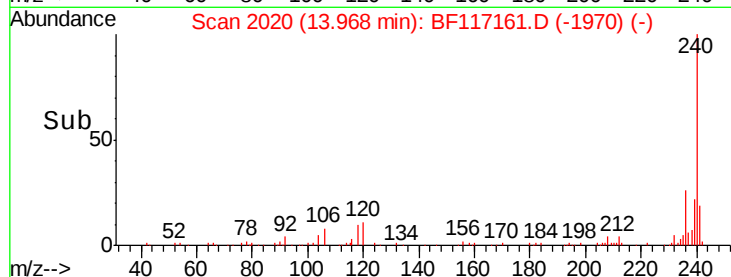
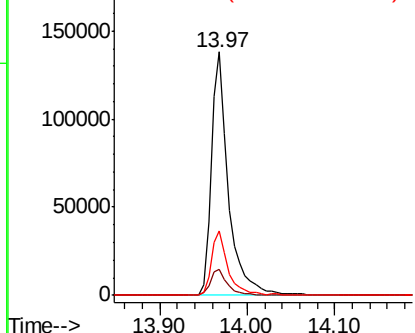
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117161.D
 Acq: 18 Sep 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:240 Resp: 186892
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 26.5 20.3 30.5

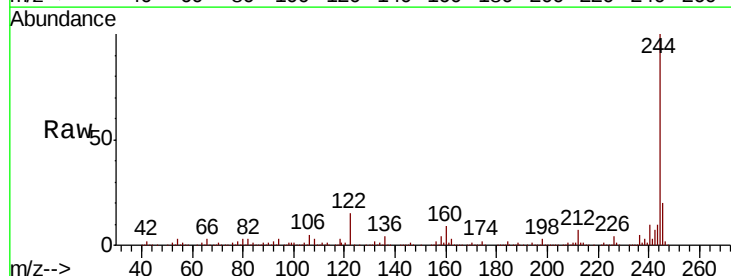


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

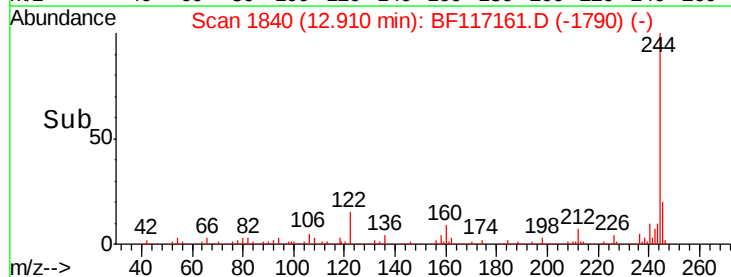
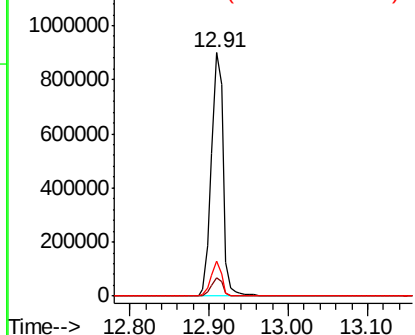


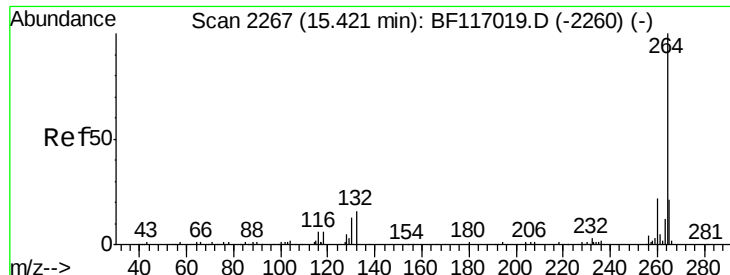
#79
 Terphenyl-d14
 Concen: 93.278 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117161.D
 Acq: 18 Sep 2019 22:40

Tgt Ion:244 Resp: 932633
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 14.6 11.3 16.9



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: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117161.D
 Acq: 18 Sep 2019 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:264 Resp: 177132
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.6 26.4
 265 20.1 16.6 24.8

