

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117932.D
 Acq On : 22 Nov 2019 21:47
 Operator : JU
 Sample : K5840-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NE-02

Quant Time: Nov 23 03:47:11 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

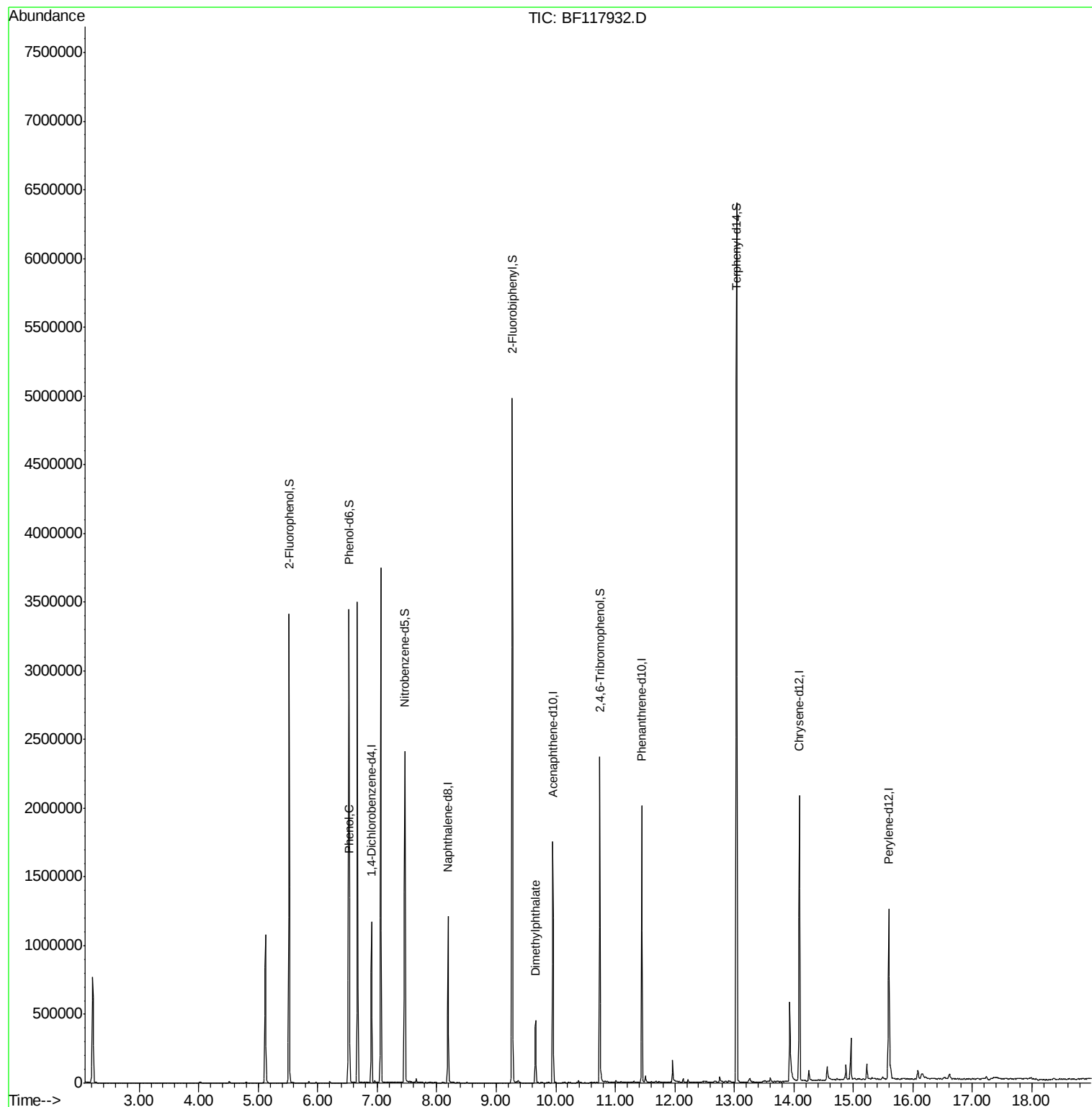
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	163306	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	628742	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	353975	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	721561	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	652134	20.00	ng	-0.02
87) Perylene-d12	15.60	264	603330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	948691	102.83	ng	-0.01
7) Phenol-d6	6.53	99	1284132	115.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	860060	81.32	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	331226	88.39	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1615410	81.87	ng	-0.02
79) Terphenyl-d14	13.04	244	2332464	65.37	ng	-0.02
Target Compounds						
10) Phenol	6.54	94	70739	6.118	ng	93
50) Dimethylphthalate	9.66	163	196034	7.898	ng	97

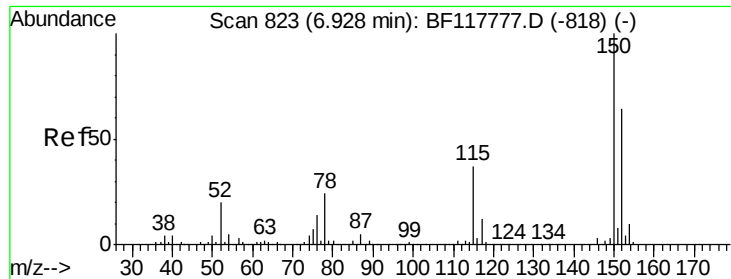
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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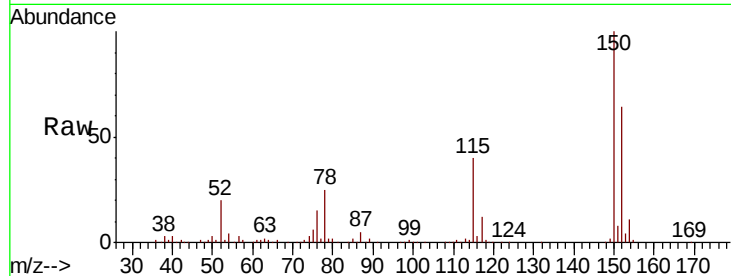


#1

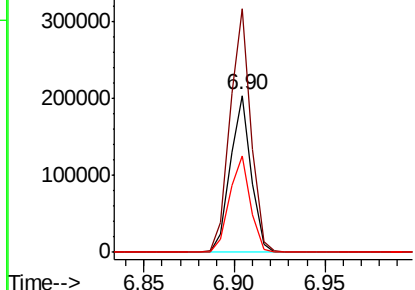
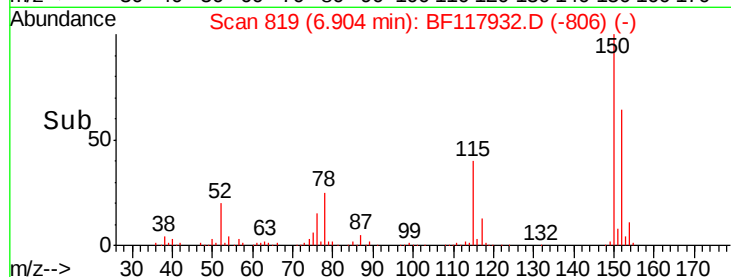
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tot Ion:152 Resp: 163306
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 61.7 47.0 70.4



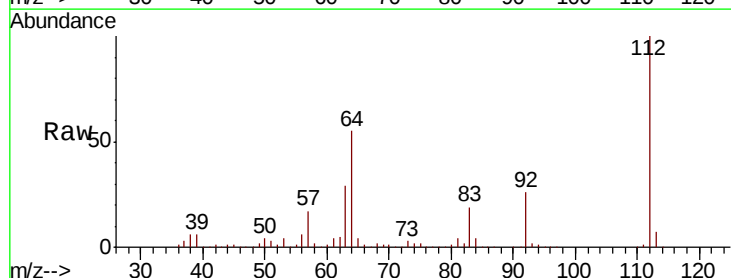
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



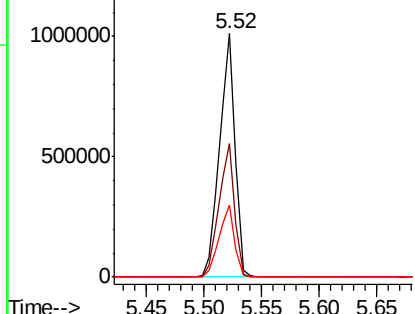
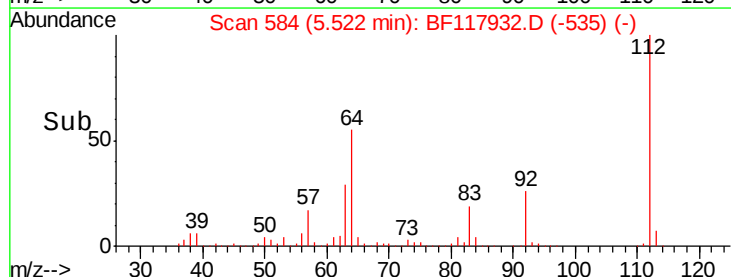
#5

2-Fluorophenol
Concen: 102.830 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:112 Resp: 948691
Ion Ratio Lower Upper
112 100
64 55.1 45.6 68.4
63 29.5 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: 115.399 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02

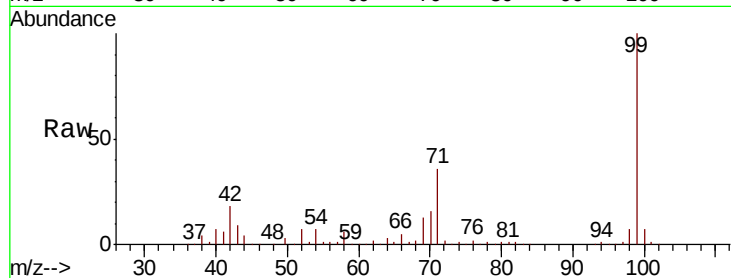
Tot Ion: 99 Resp: 1284132

Ion Ratio Lower Upper

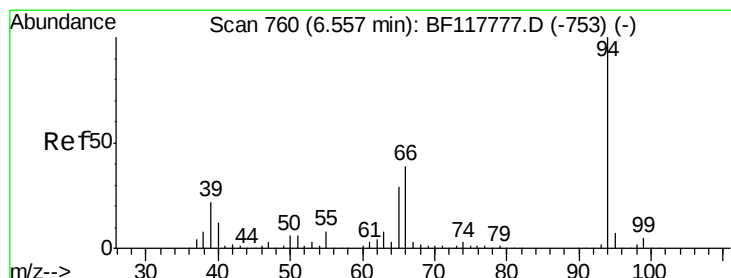
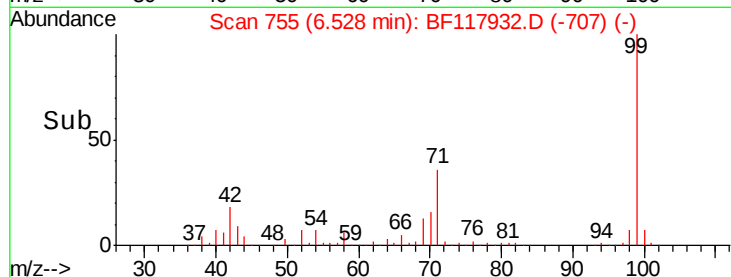
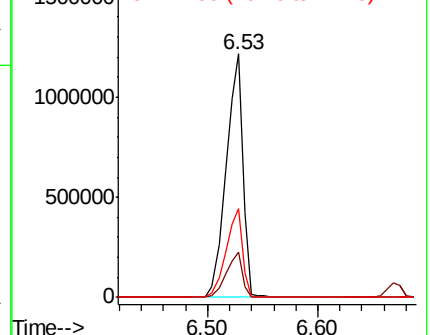
99 100

42 18.3 14.9 22.3

71 36.4 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



#10

Phenol

Concen: 6.118 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

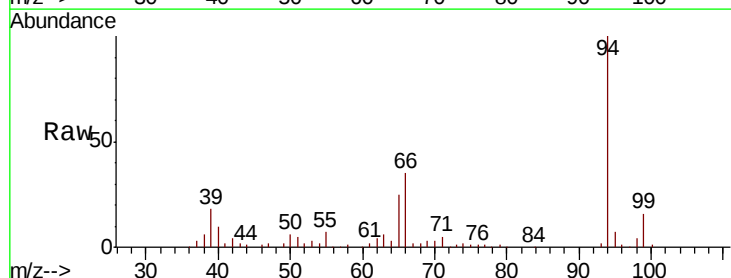
Tgt Ion: 94 Resp: 70739

Ion Ratio Lower Upper

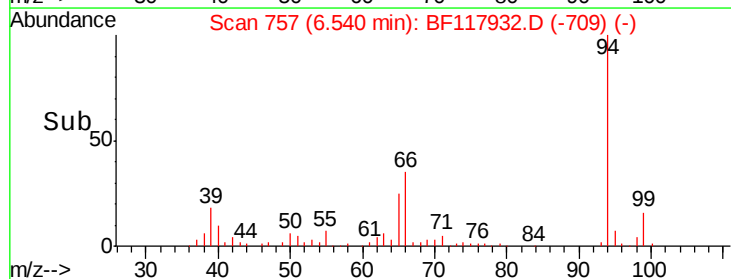
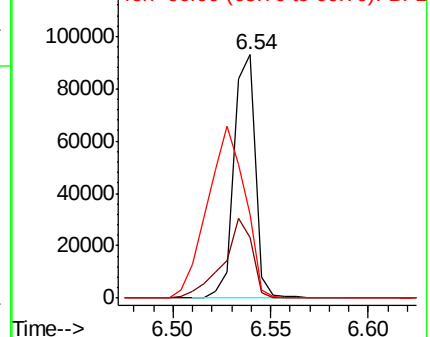
94 100

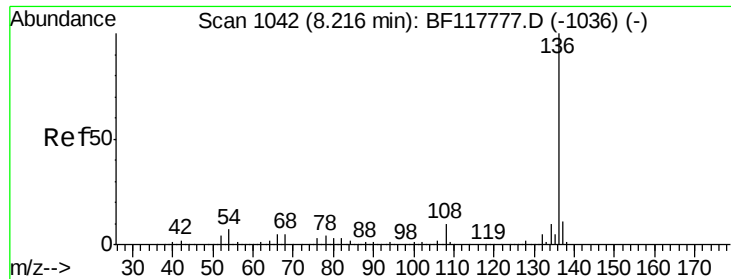
65 25.1 8.9 48.9

66 34.6 18.7 58.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02

Tot Ion:136 Resp: 628742

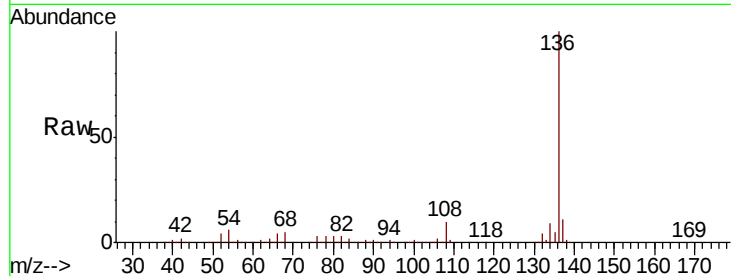
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.2 5.4 8.2

68 4.7 4.3 6.5

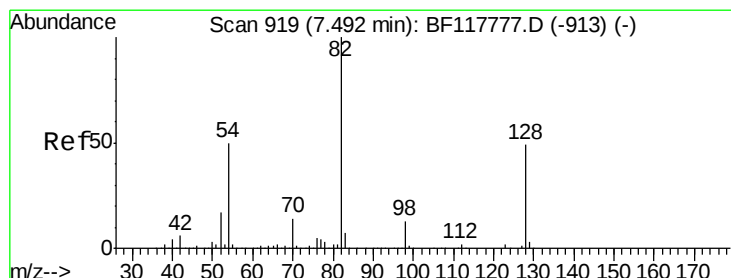
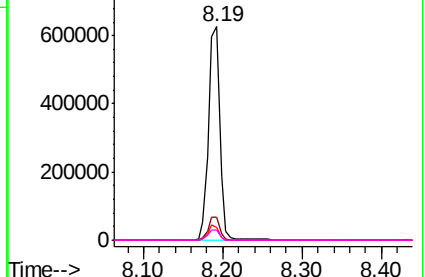
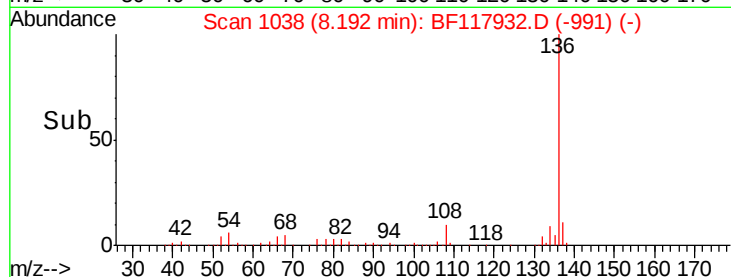


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.316 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

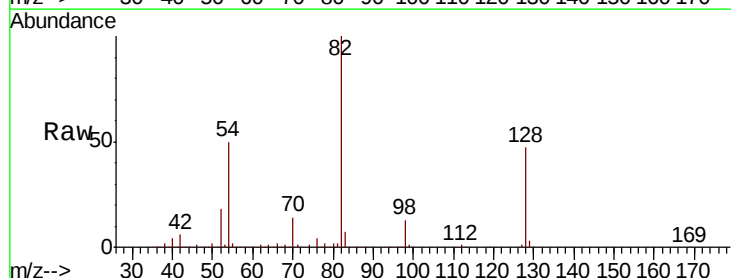
Tgt Ion: 82 Resp: 860060

Ion Ratio Lower Upper

82 100

128 46.7 38.9 58.3

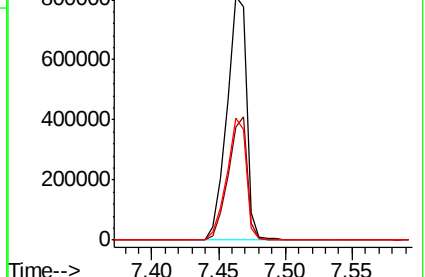
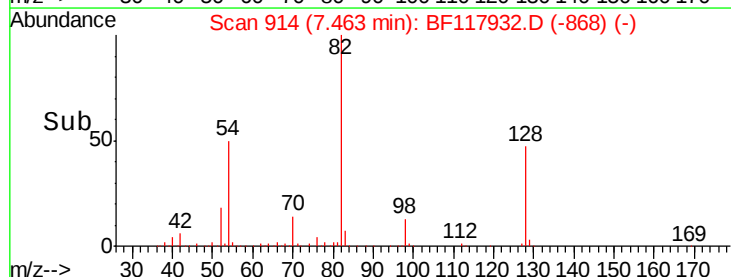
54 50.2 39.8 59.6



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

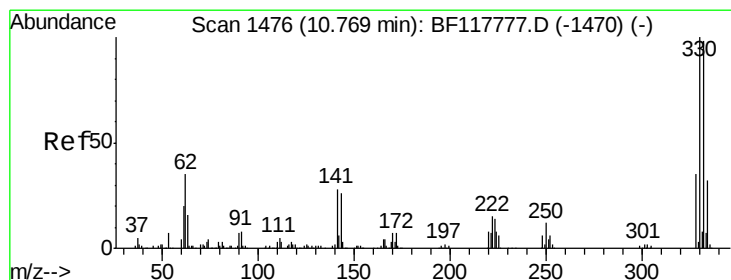
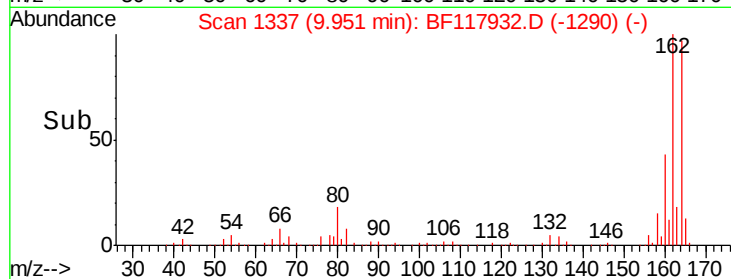
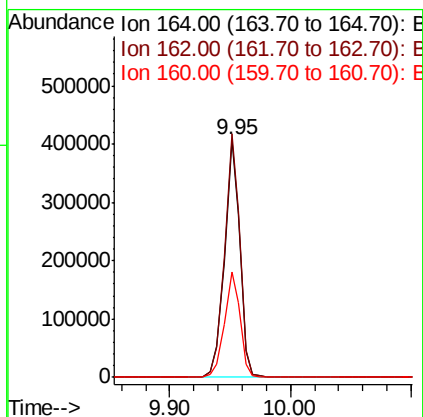
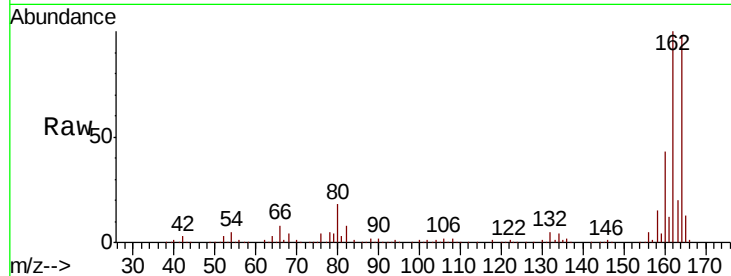




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

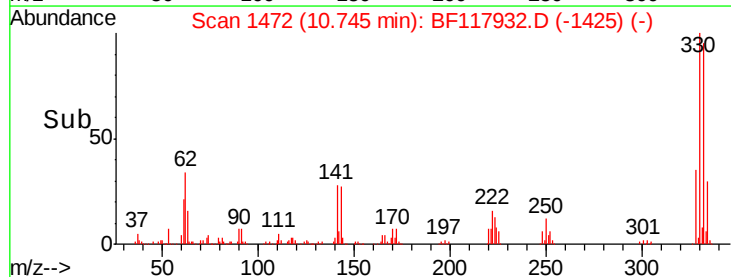
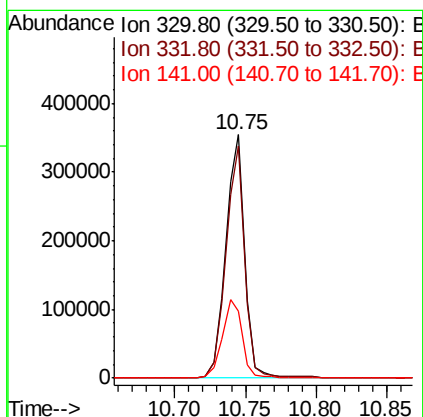
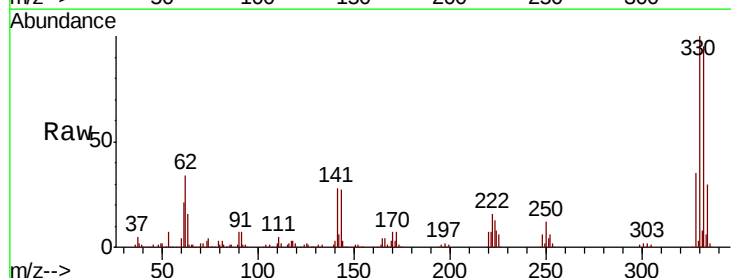
Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

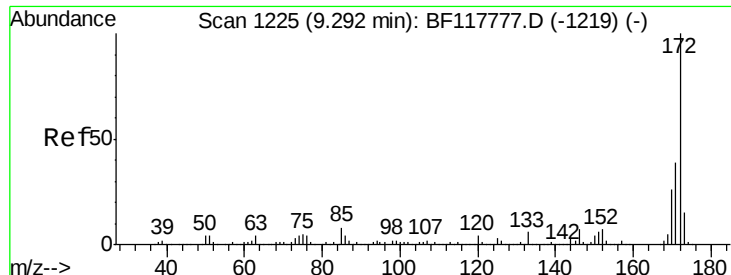
Tot Ion:164 Resp: 353975
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 44.1 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 88.386 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:330 Resp: 331226
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 34.3 27.7 41.5

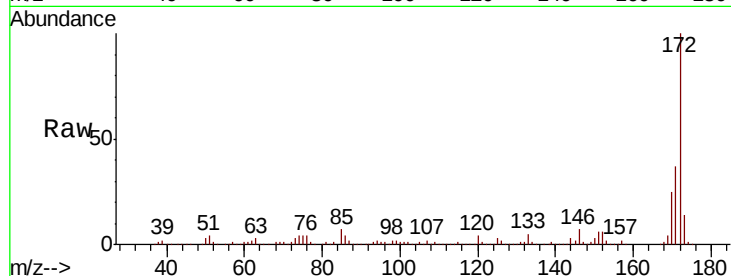




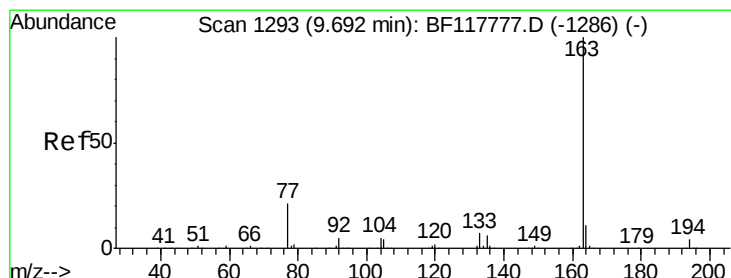
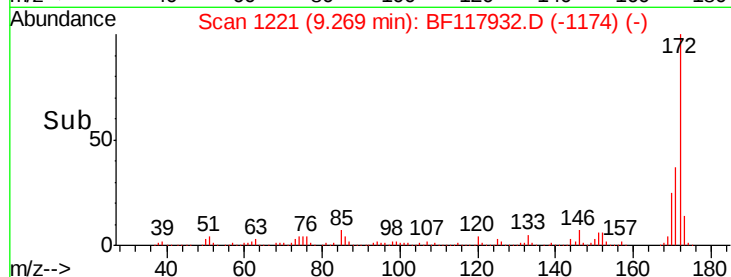
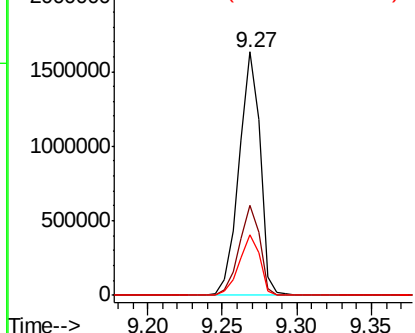
#45
2-Fluorobiphenyl
Concen: 81.873 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tot Ion:172 Resp: 1615410
Ion Ratio Lower Upper
172 100
171 36.8 30.9 46.3
170 24.7 21.0 31.4

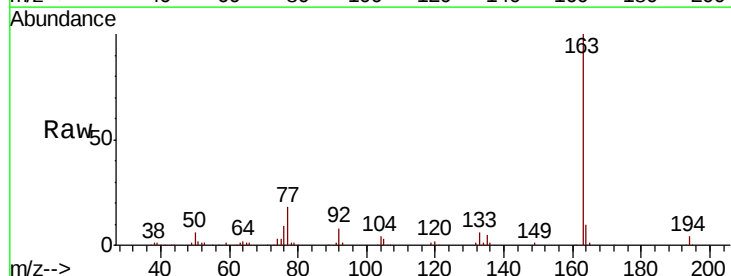


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

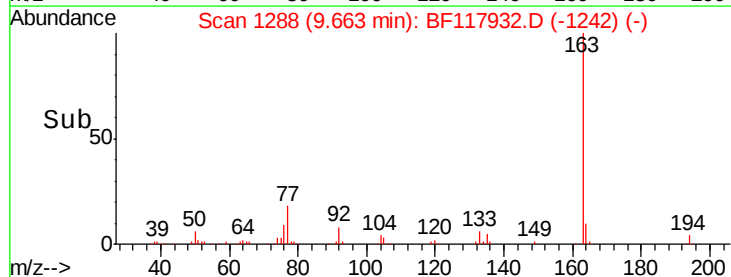
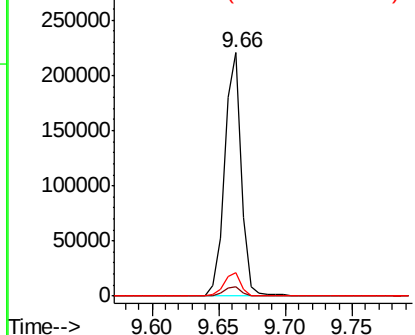


#50
Dimethylphthalate
Concen: 7.898 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:163 Resp: 196034
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 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: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NE-02

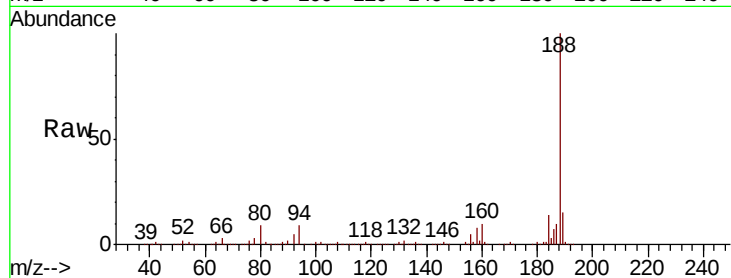
Tot Ion:188 Resp: 721561

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

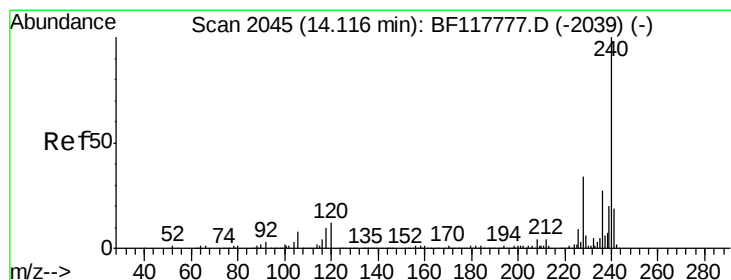
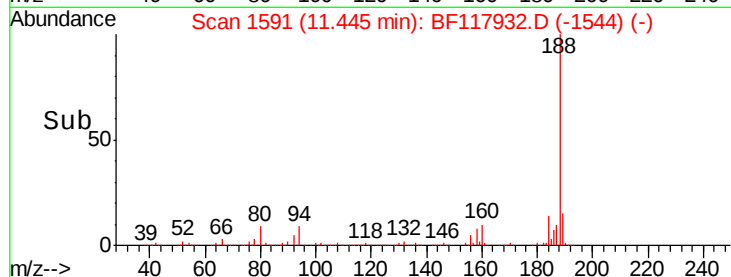
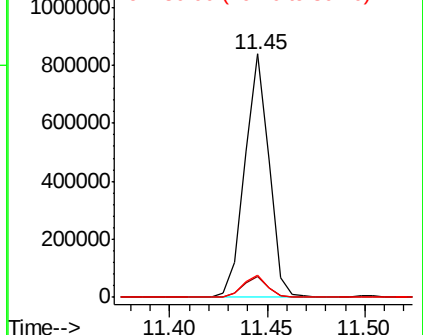
80 9.4 7.2 10.8



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: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

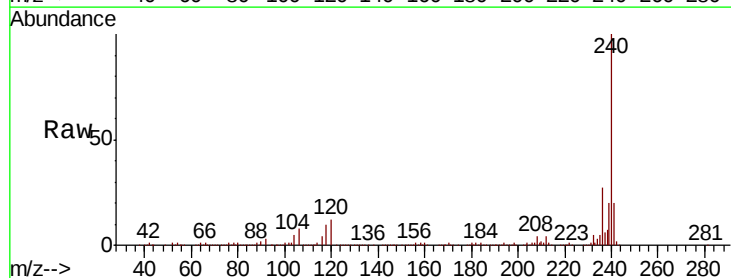
Tgt Ion:240 Resp: 652134

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

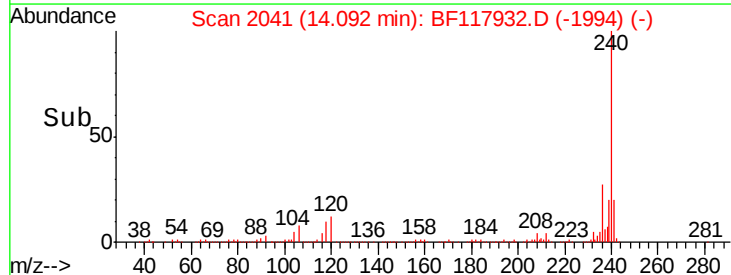
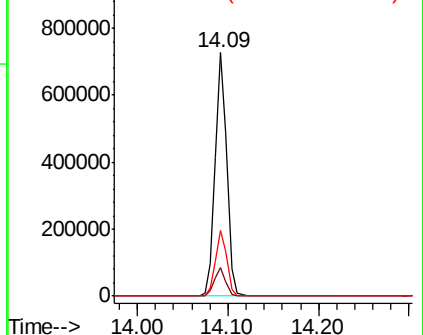
236 27.0 21.3 31.9

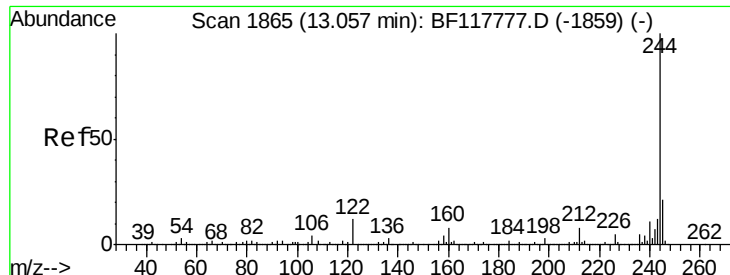


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.367 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

Instrument :

BNA_F

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PHIPPS-BH-NE-02

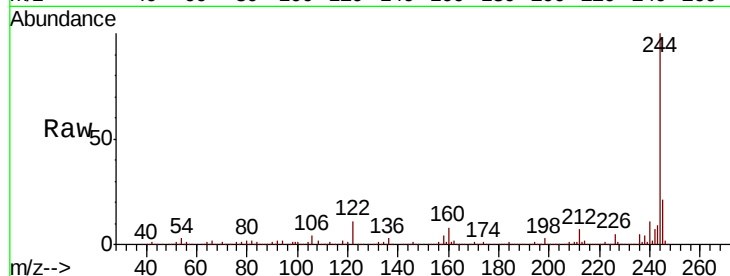
Tot Ion:244 Resp: 2332464

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

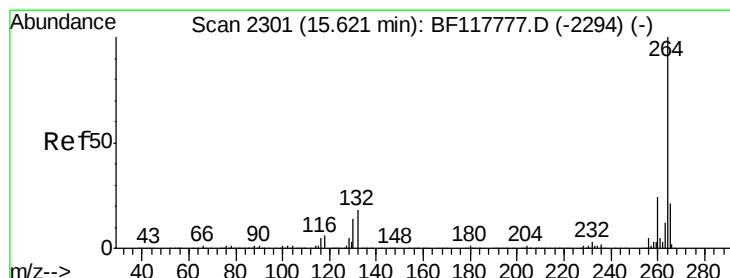
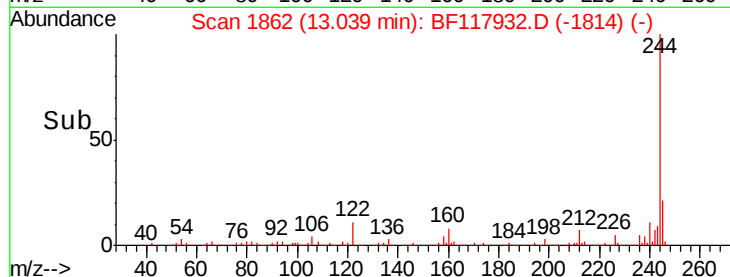
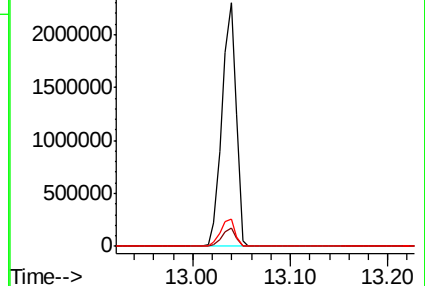
122 11.4 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117932.D

Acq: 22 Nov 2019 21:47

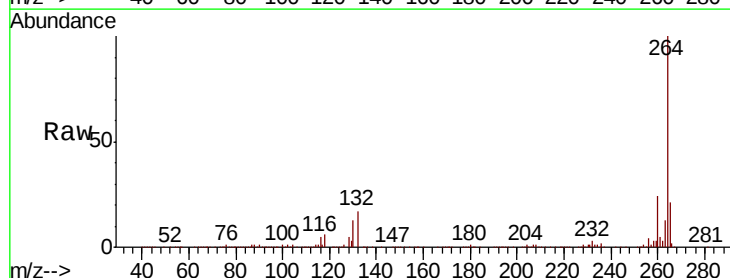
Tgt Ion:264 Resp: 603330

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.2 17.1 25.7



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

