

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117936.D
 Acq On : 22 Nov 2019 23:35
 Operator : JU
 Sample : K5839-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-NW-03

Quant Time: Nov 23 03:58:15 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

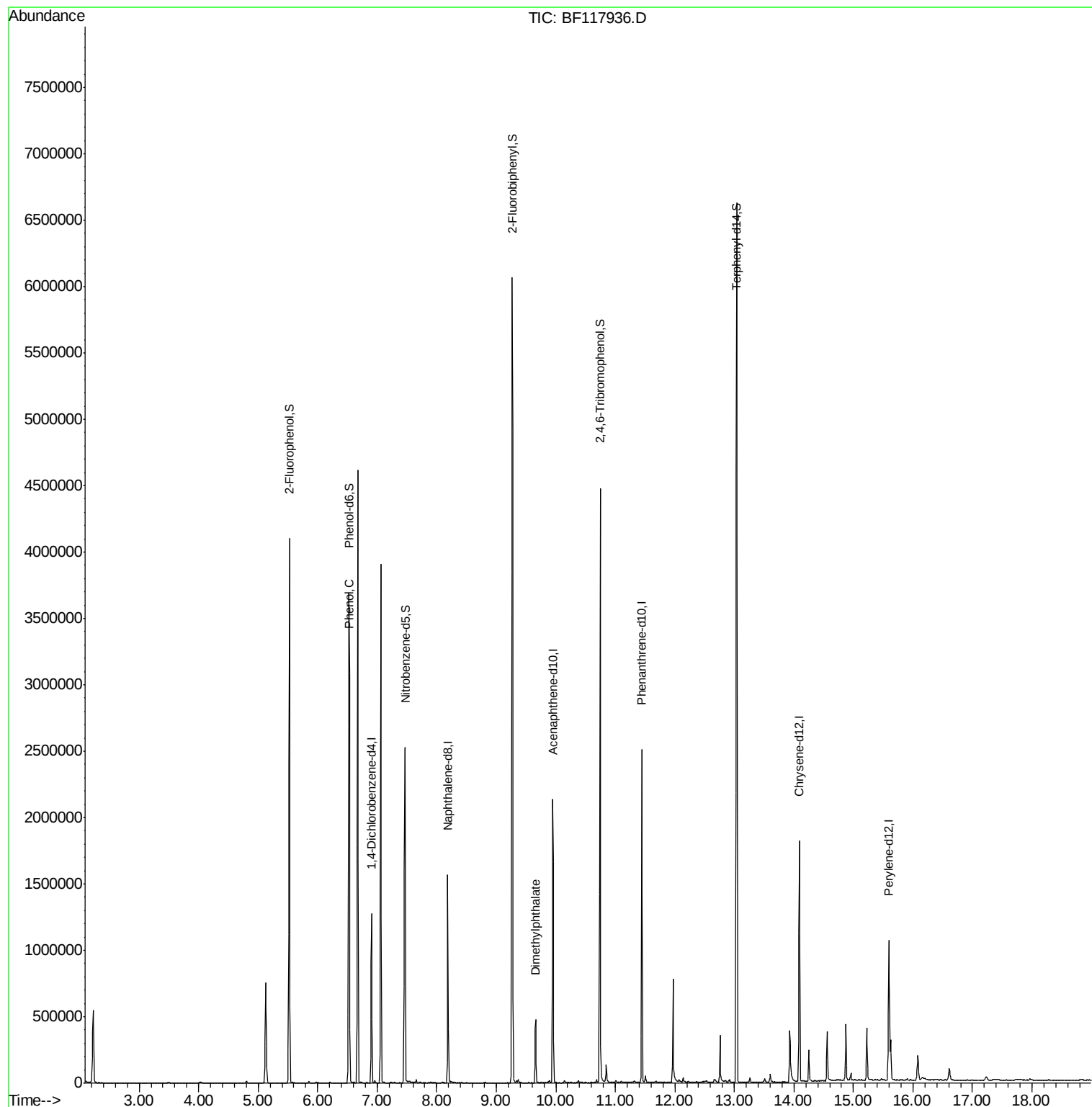
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177388	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	803622	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	448953	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	891215	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	563942	20.00	ng	-0.02
87) Perylene-d12	15.60	264	502913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1290632	128.79	ng	0.00
7) Phenol-d6	6.53	99	1473346	121.89	ng	-0.02
23) Nitrobenzene-d5	7.46	82	957186	70.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	613096	128.99	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2134475	85.29	ng	-0.02
79) Terphenyl-d14	13.04	244	2383931	77.26	ng	-0.02
Target Compounds						
10) Phenol	6.54	94	48097	3.829	ng	98
50) Dimethylphthalate	9.66	163	200532	6.370	ng	98

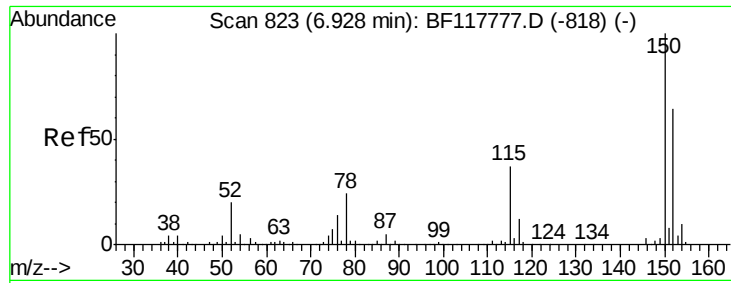
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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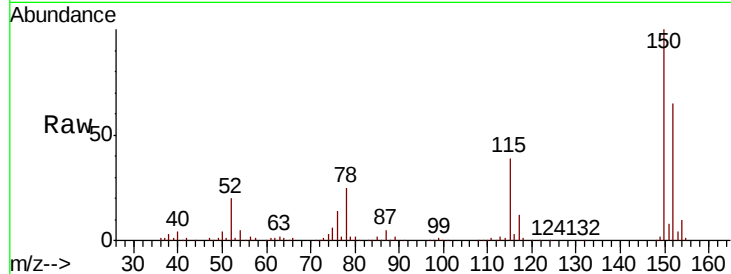


#1

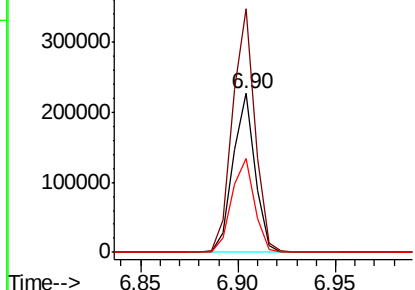
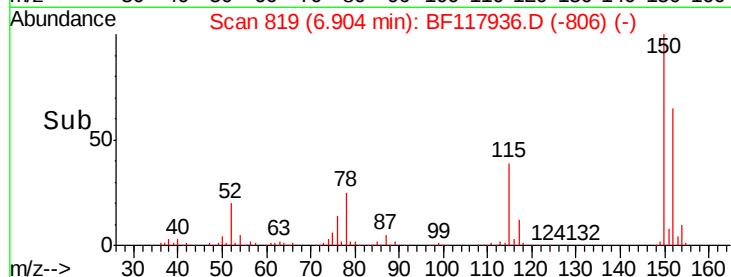
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tot Ion:152 Resp: 177388
Ion Ratio Lower Upper
152 100
150 153.5 125.3 187.9
115 59.5 47.0 70.4



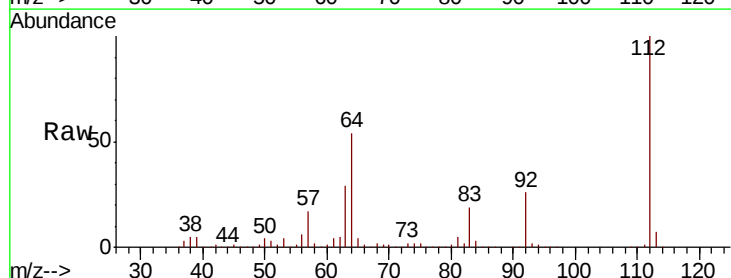
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



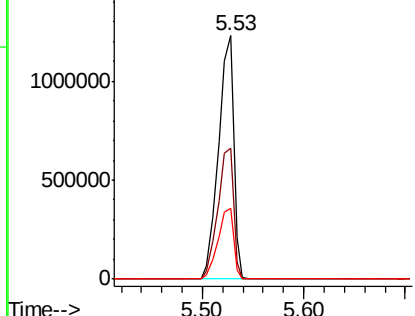
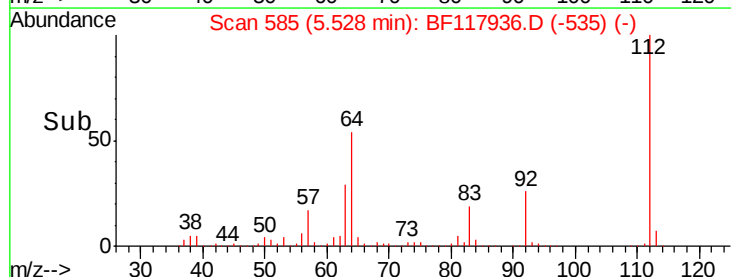
#5

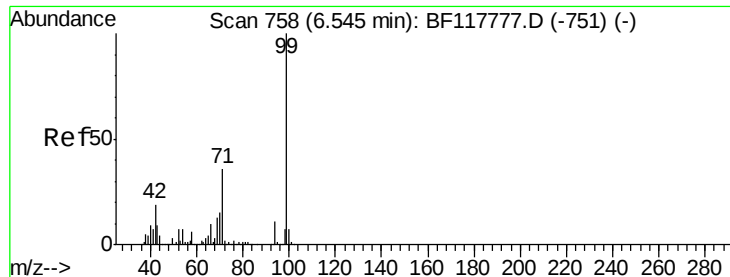
2-Fluorophenol
Concen: 128.789 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:112 Resp: 1290632
Ion Ratio Lower Upper
112 100
64 53.7 45.6 68.4
63 28.9 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: 121.892 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117936.D

Acq: 22 Nov 2019 23:35

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NW-03

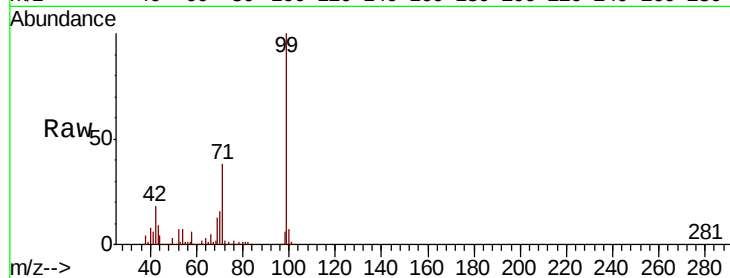
Tot Ion: 99 Resp: 1473346

Ion Ratio Lower Upper

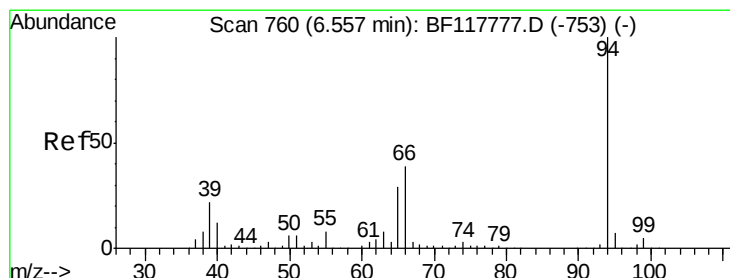
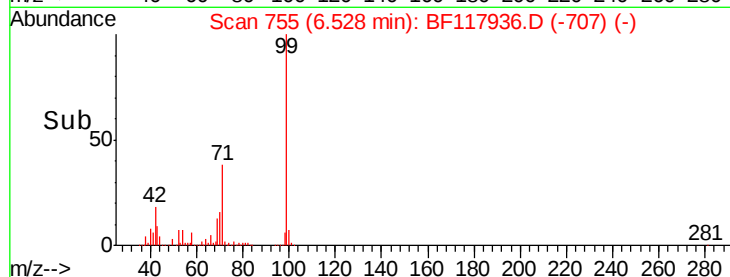
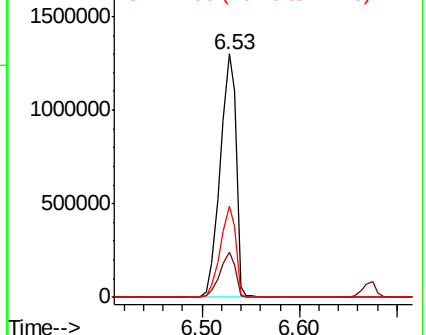
99 100

42 18.4 14.9 22.3

71 37.5 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



#10

Phenol

Concen: 3.829 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF117936.D

Acq: 22 Nov 2019 23:35

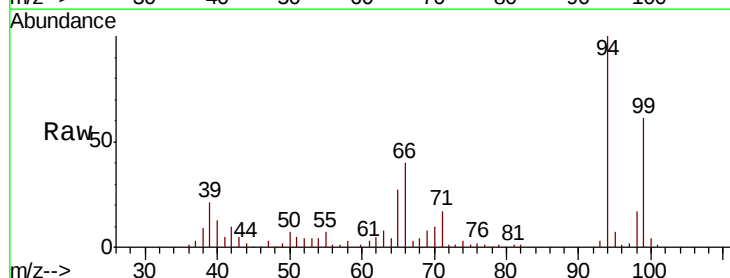
Tgt Ion: 94 Resp: 48097

Ion Ratio Lower Upper

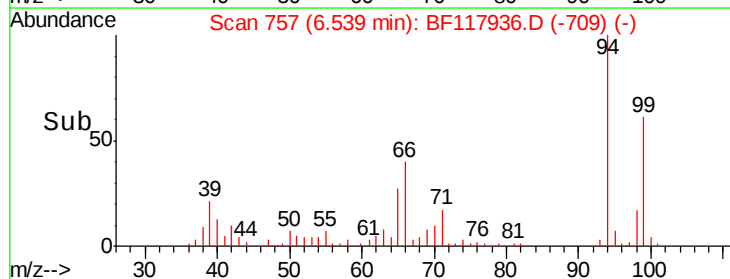
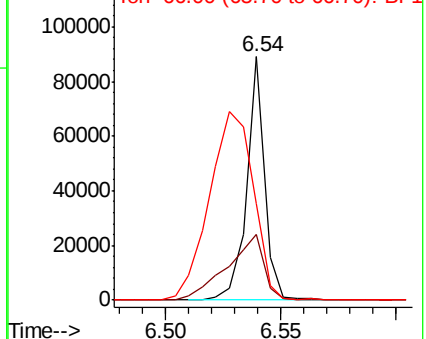
94 100

65 27.0 8.9 48.9

66 39.7 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

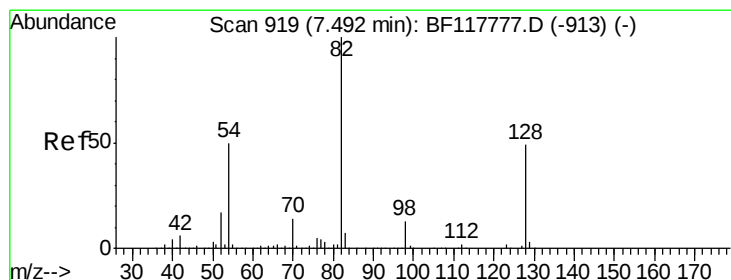
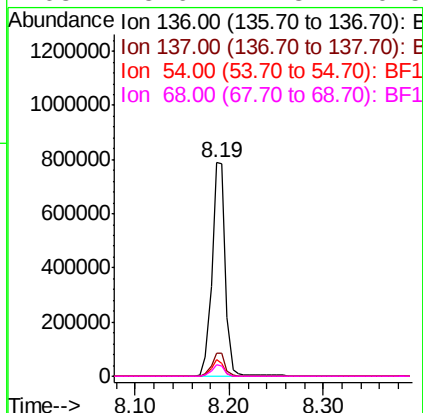
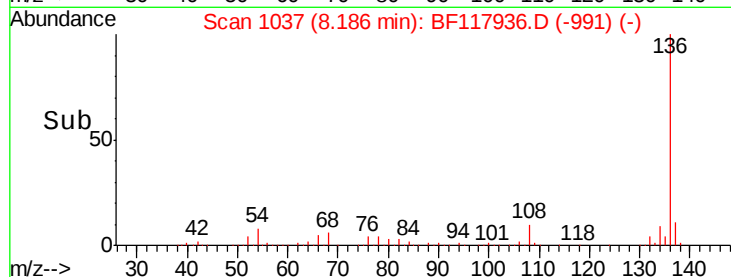
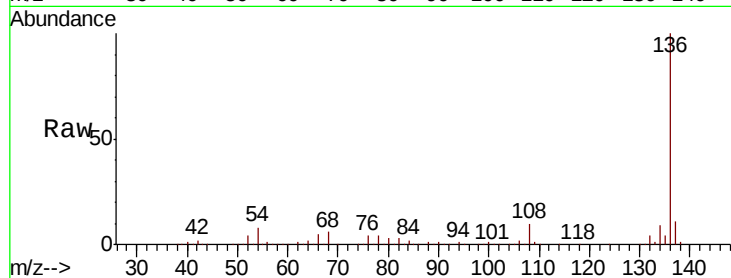




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

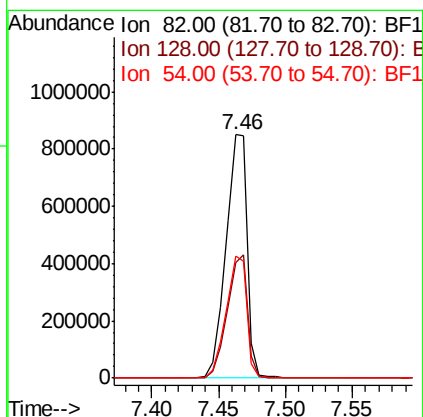
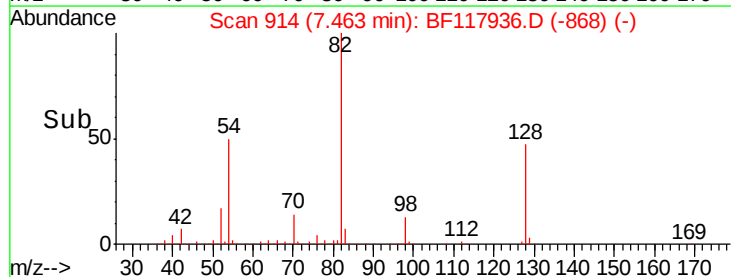
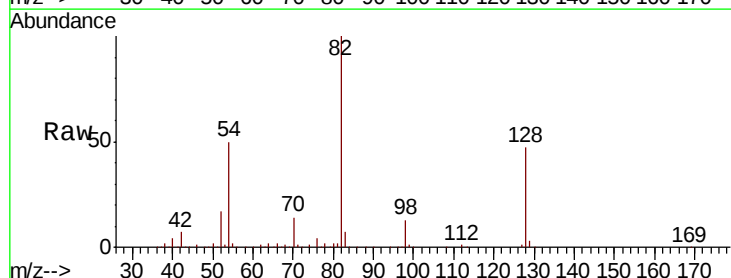
Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tot Ion:136	Resp:	803622
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.5	5.4 8.2
68	5.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 70.805 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion: 82	Resp:	957186
Ion	Ratio	Lower Upper
82	100	
128	47.3	38.9 58.3
54	49.9	39.8 59.6

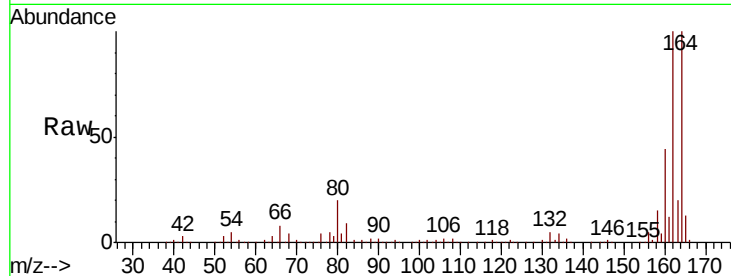




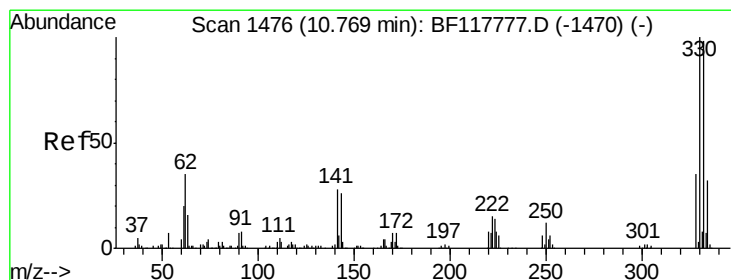
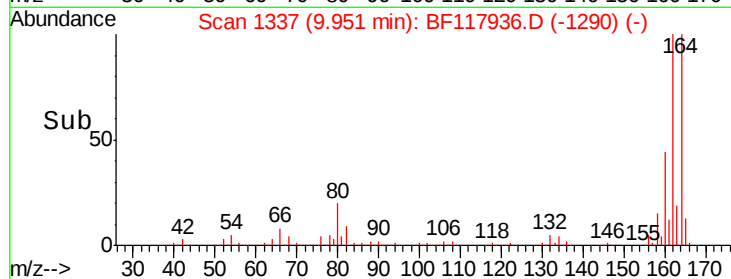
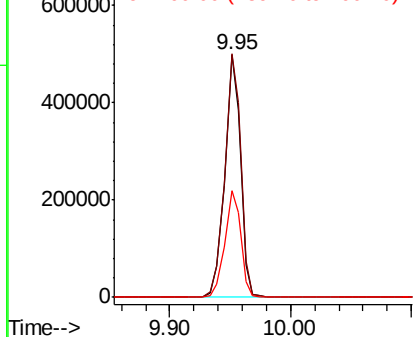
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tot Ion:164 Resp: 448953
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 44.0 36.6 55.0

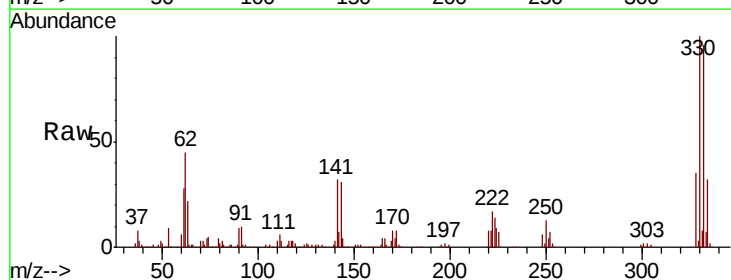


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

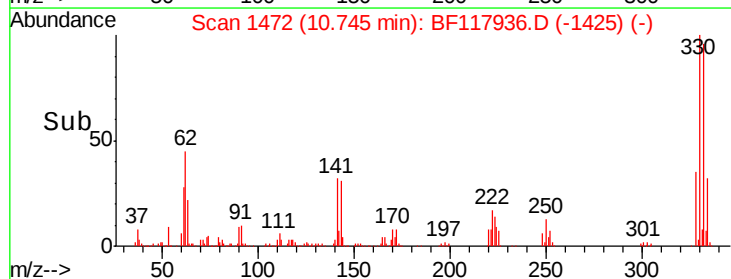
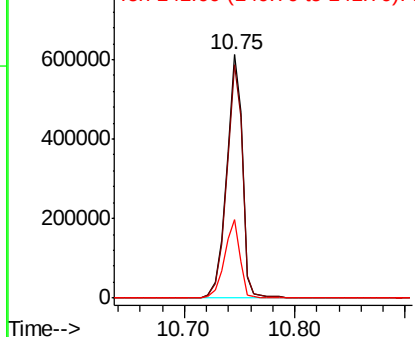


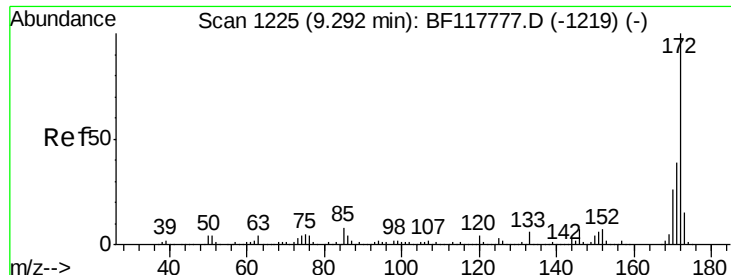
#42
2,4,6-Tribromophenol
Concen: 128.991 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:330 Resp: 613096
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 32.0 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

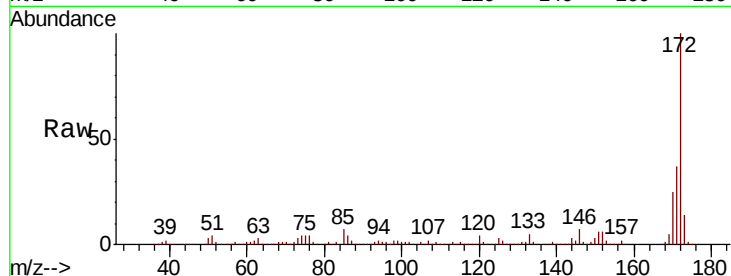




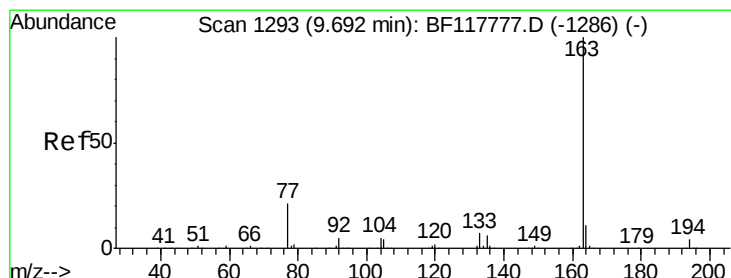
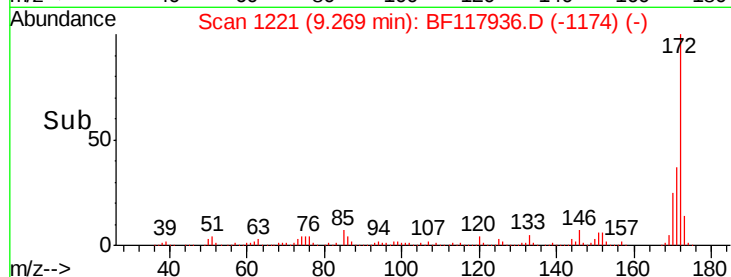
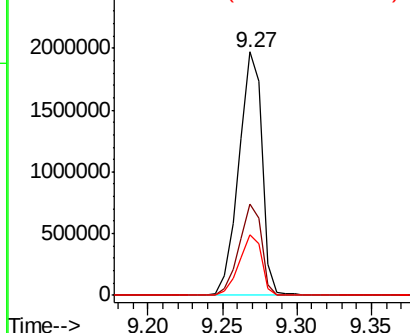
#45
2-Fluorobiphenyl
Concen: 85.295 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tot Ion:172 Resp: 2134475
Ion Ratio Lower Upper
172 100
171 37.3 30.9 46.3
170 25.0 21.0 31.4

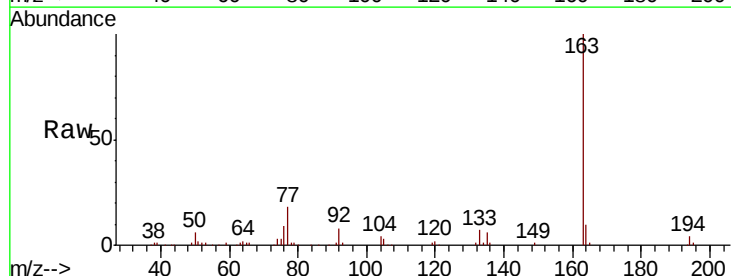


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

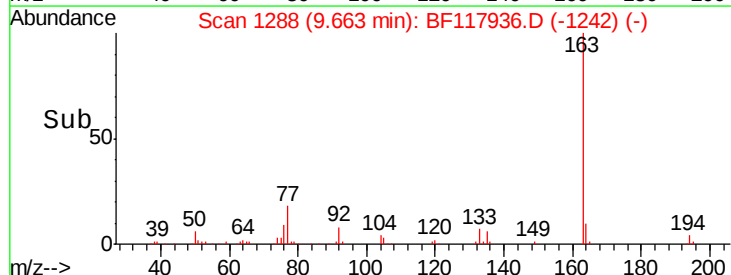
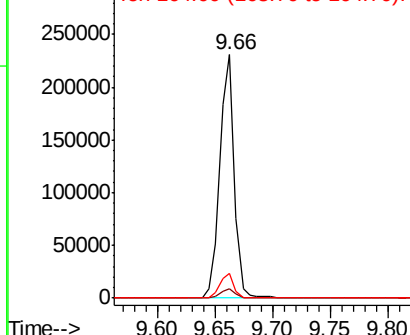


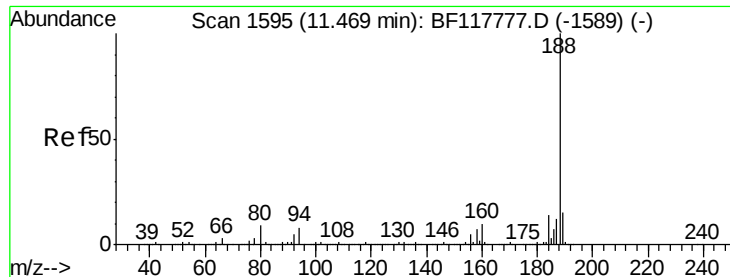
#50
Dimethylphthalate
Concen: 6.370 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:163 Resp: 200532
Ion Ratio Lower Upper
163 100
194 4.1 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: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117936.D

Acq: 22 Nov 2019 23:35

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-NW-03

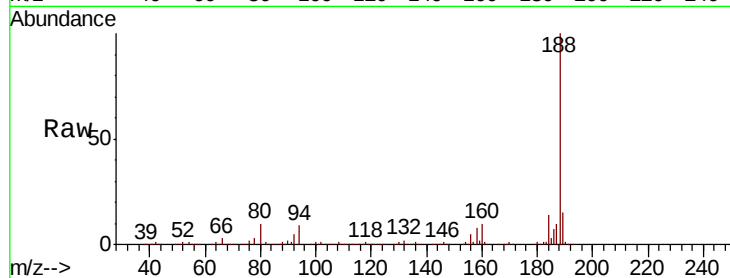
Tot Ion:188 Resp: 891215

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

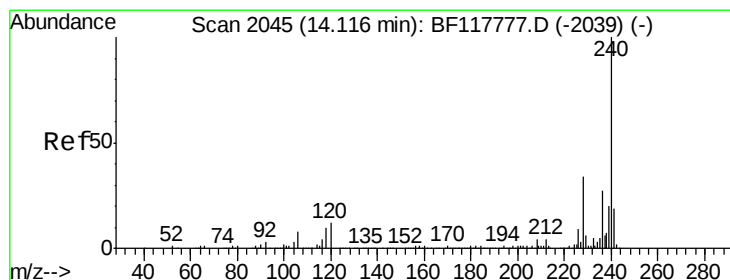
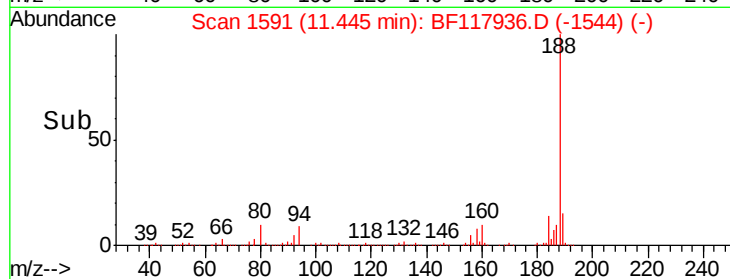
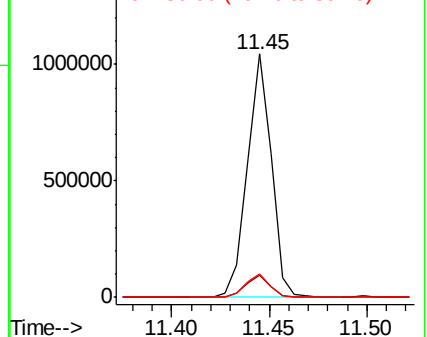
80 9.8 7.2 10.8



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: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF117936.D

Acq: 22 Nov 2019 23:35

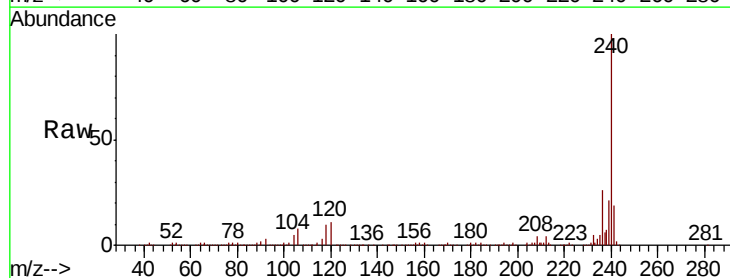
Tgt Ion:240 Resp: 563942

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

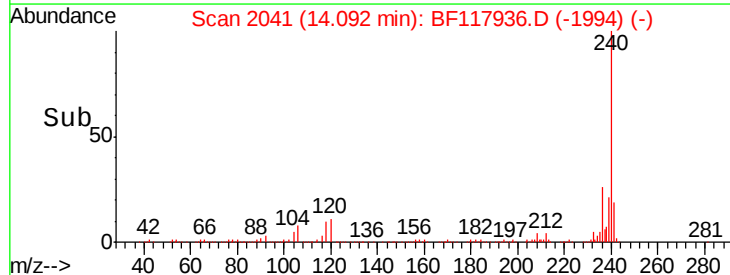
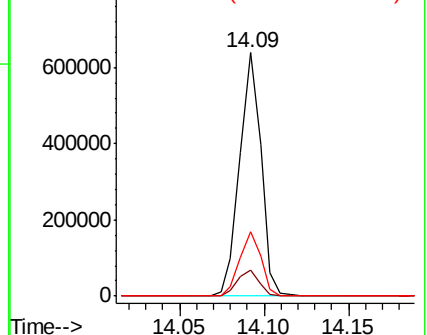
236 26.3 21.3 31.9

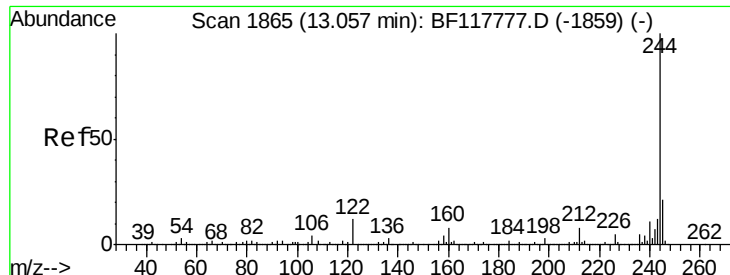


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.258 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117936.D

Acq: 22 Nov 2019 23:35

Instrument :

BNA_F

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PHIPPS-BH-NW-03

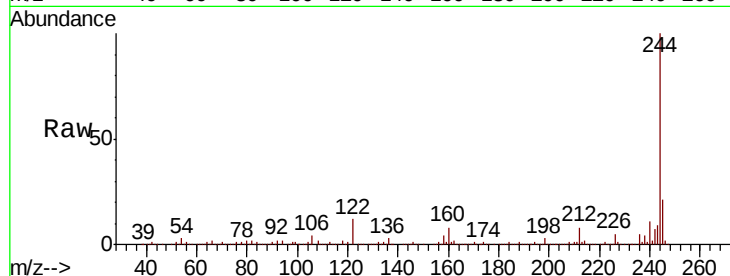
Tot Ion:244 Resp: 2383931

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

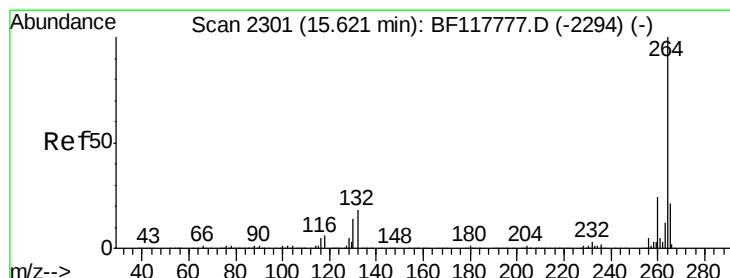
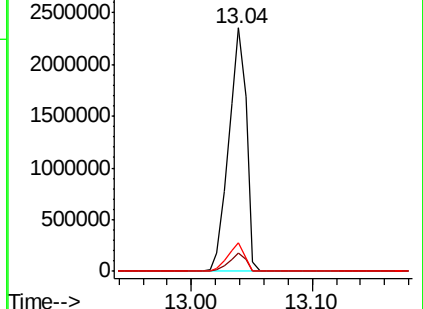
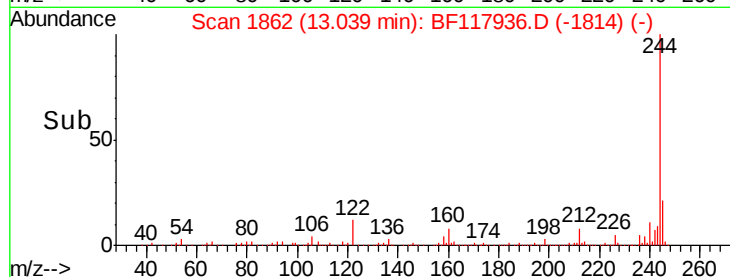
122 11.8 9.4 14.2



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: BF117936.D

Acq: 22 Nov 2019 23:35

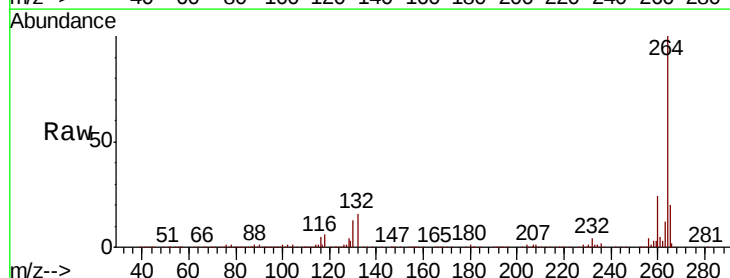
Tgt Ion:264 Resp: 502913

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 20.4 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

