

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117940.D
 Acq On : 23 Nov 2019 1:24
 Operator : JU
 Sample : K5840-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 23 04:06:26 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

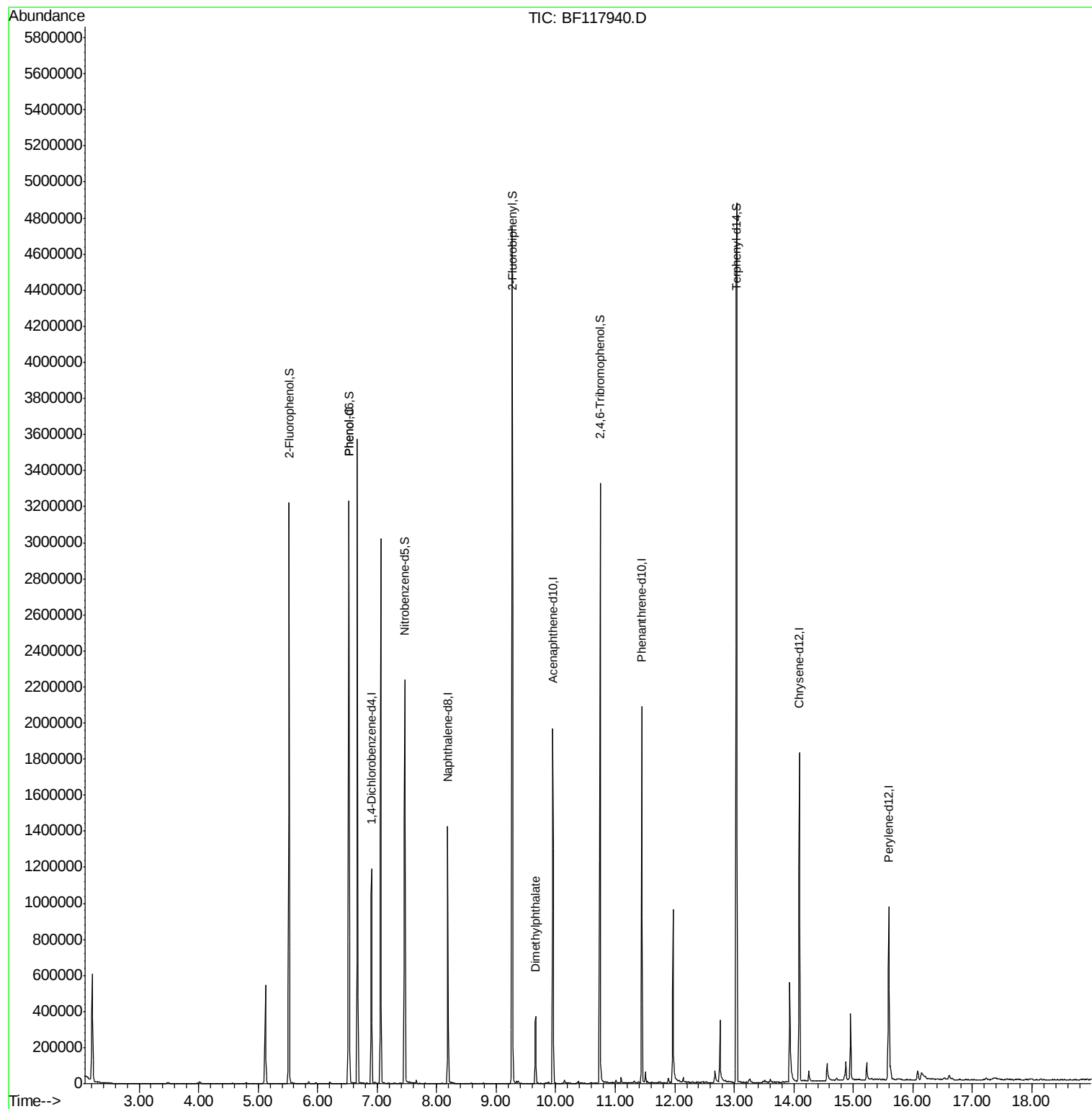
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176647	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	700477	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	390960	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	760564	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	542752	20.00	ng	-0.02
87) Perylene-d12	15.60	264	468957	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	927158	92.91	ng	-0.01
7) Phenol-d6	6.53	99	1180893	98.11	ng	-0.02
23) Nitrobenzene-d5	7.46	82	740285	62.82	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	414740	100.20	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1484029	68.10	ng	-0.02
79) Terphenyl-d14	13.04	244	1820200	61.29	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	60683	4.852	ng	90
50) Dimethylphthalate	9.66	163	158116	5.767	ng	98

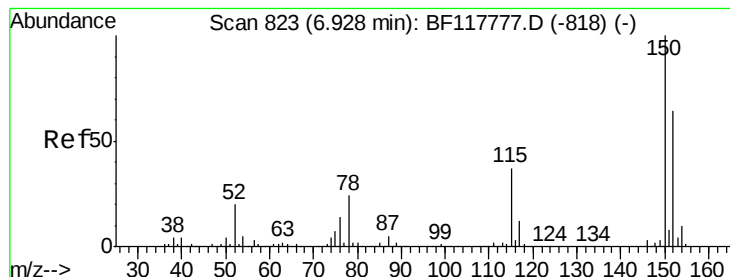
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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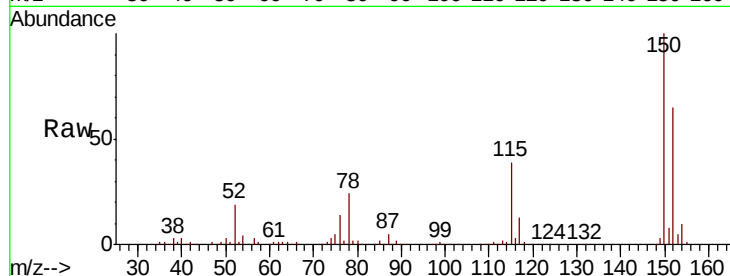


#1

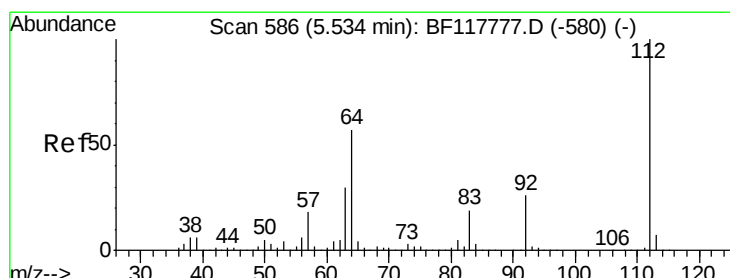
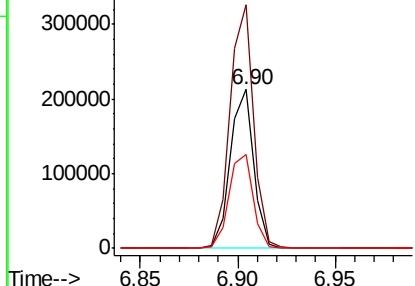
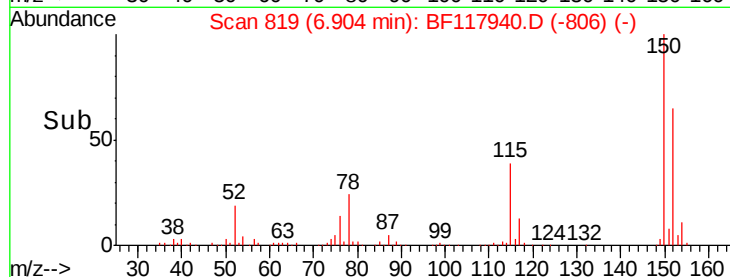
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

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

Tot Ion:152 Resp: 176647
Ion Ratio Lower Upper
152 100
150 153.1 125.3 187.9
115 59.2 47.0 70.4



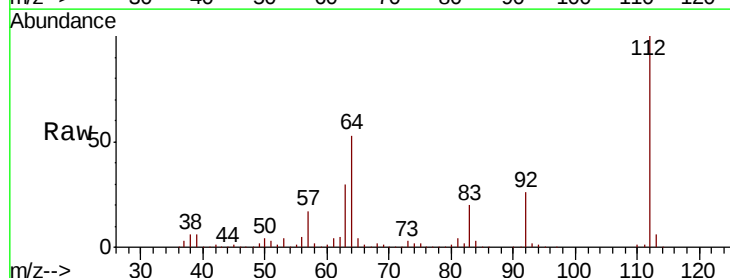
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



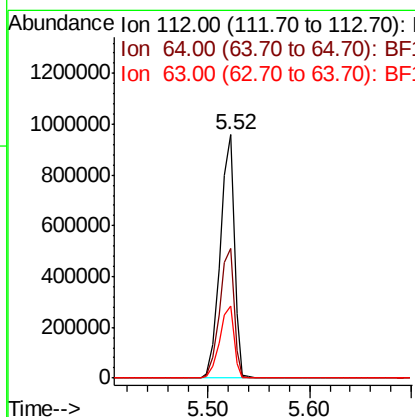
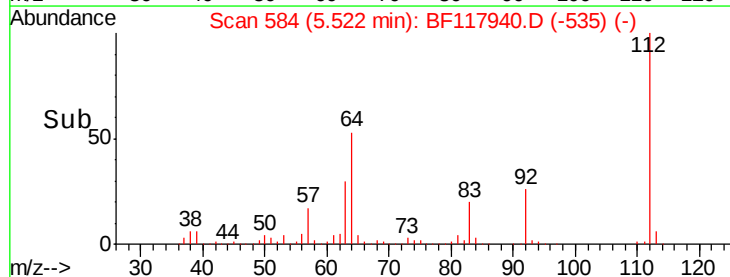
#5

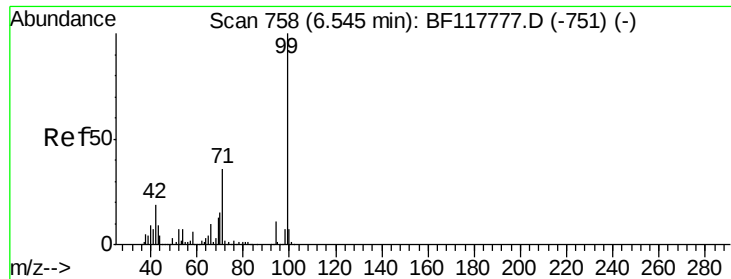
2-Fluorophenol
Concen: 92.907 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

Tgt Ion:112 Resp: 927158
Ion Ratio Lower Upper
112 100
64 53.3 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: 98.107 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117940.D

Acq: 23 Nov 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SE-02

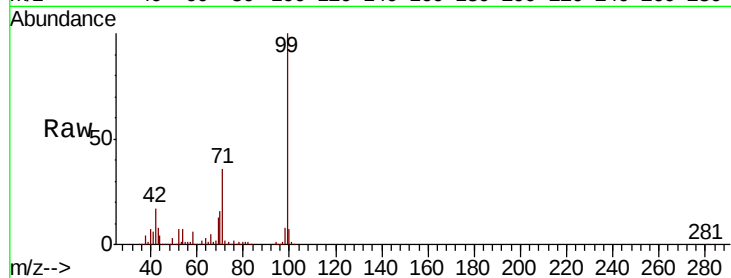
Tot Ion: 99 Resp: 1180893

Ion Ratio Lower Upper

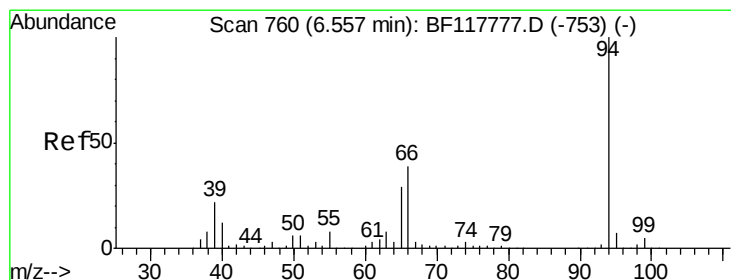
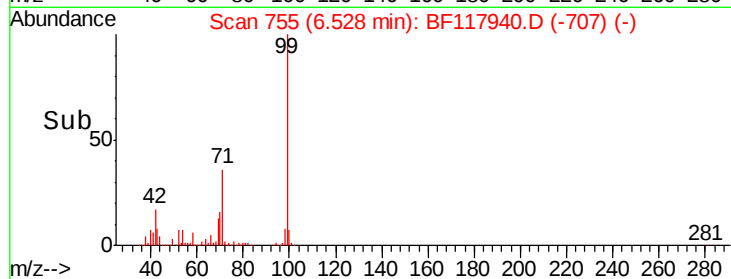
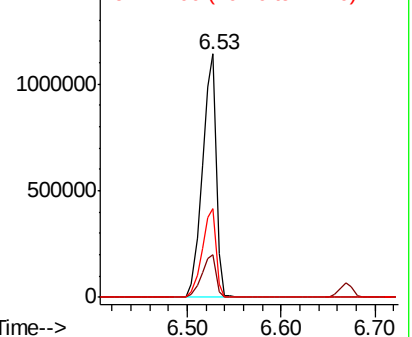
99 100

42 17.4 14.9 22.3

71 36.3 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: 4.852 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117940.D

Acq: 23 Nov 2019 1:24

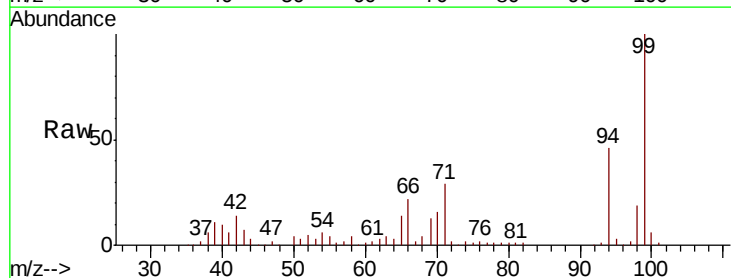
Tgt Ion: 94 Resp: 60683

Ion Ratio Lower Upper

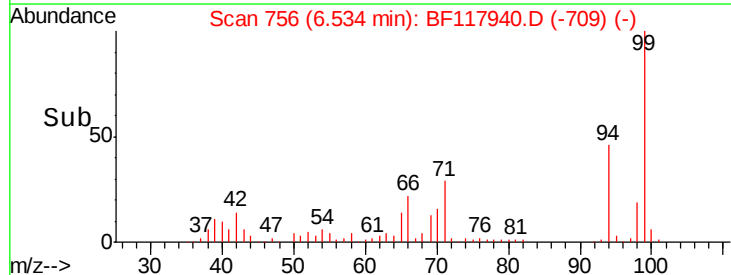
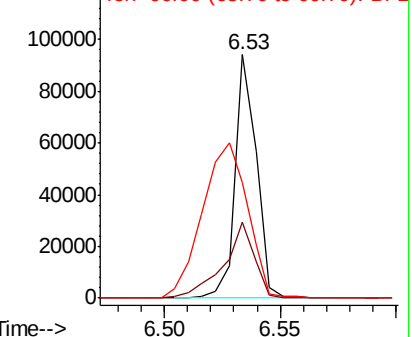
94 100

65 31.2 8.9 48.9

66 47.3 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

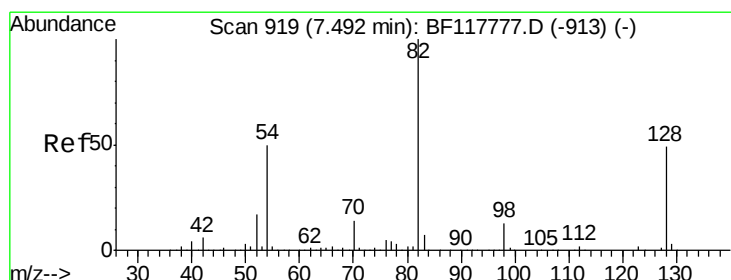
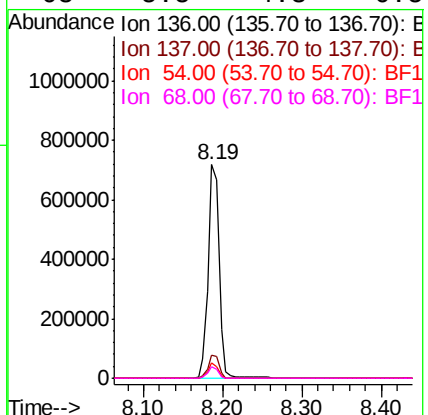
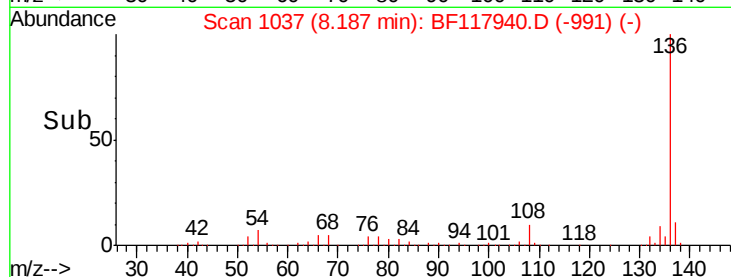
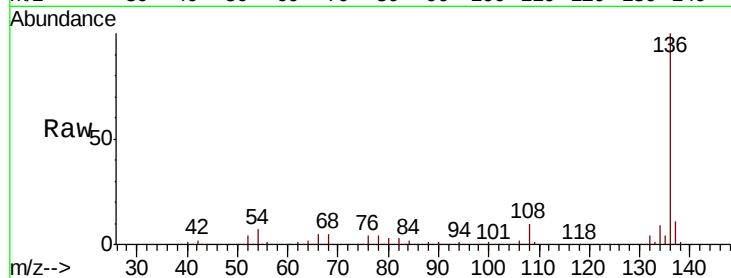




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

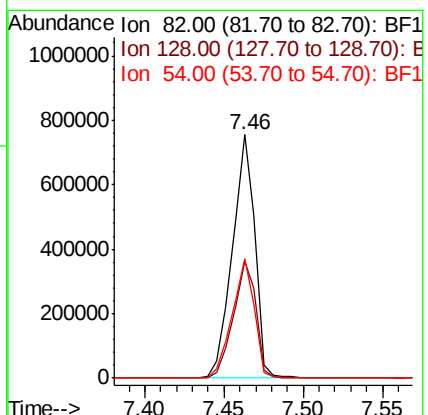
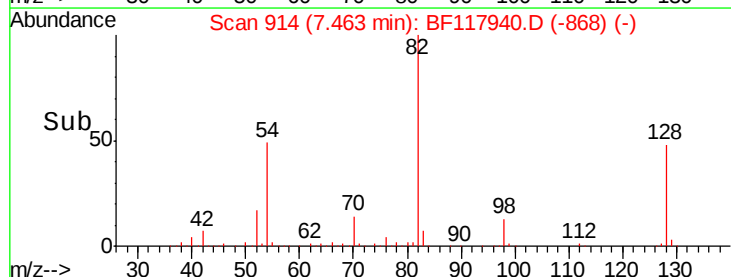
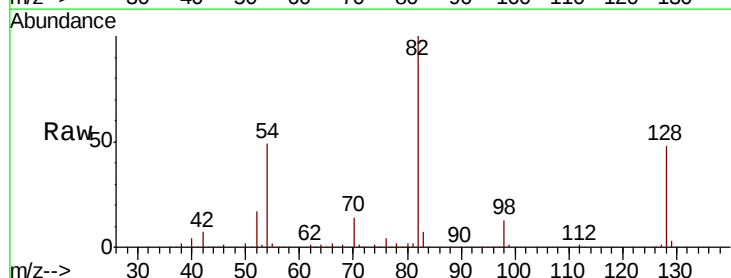
Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-02

Tot Ion:136	Resp:	700477
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.1	5.4 8.2
68	5.5	4.3 6.5



#23
Nitrobenzene-d5
Concen: 62.824 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

Tgt Ion: 82	Resp:	740285
Ion Ratio	Lower	Upper
82	100	
128	47.9	38.9 58.3
54	49.2	39.8 59.6

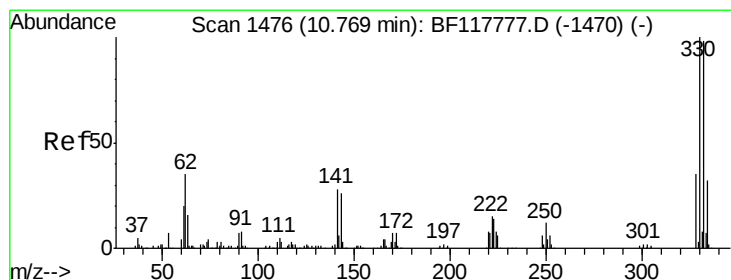
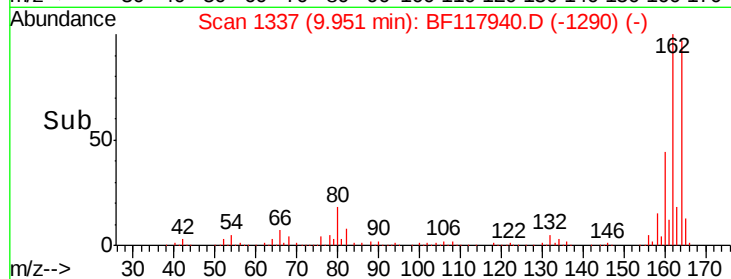
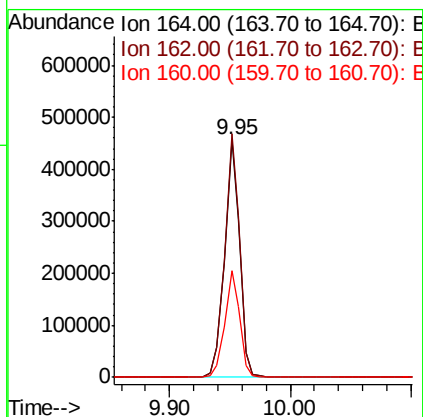
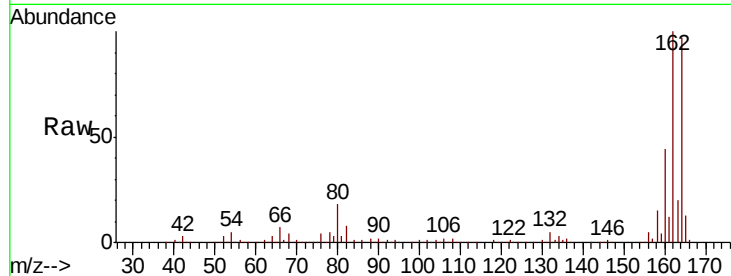




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

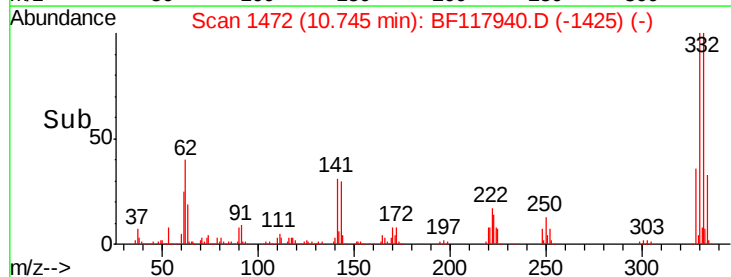
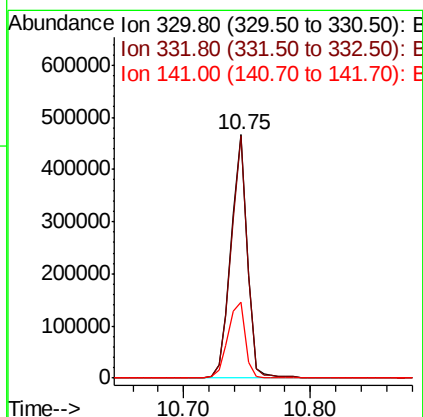
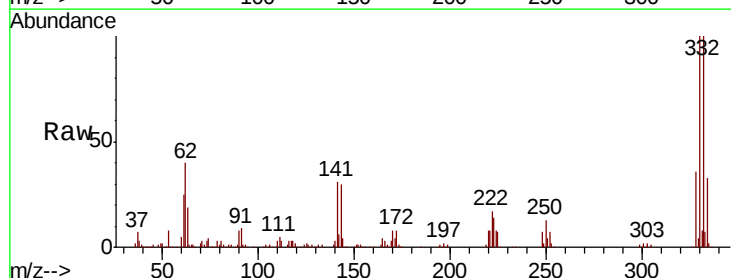
Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-SE-02

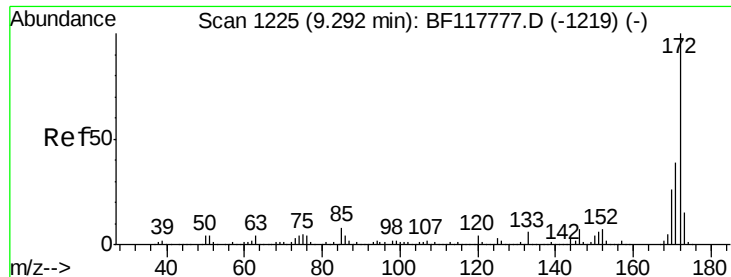
Tot Ion:164 Resp: 390960
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 45.1 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 100.202 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

Tgt Ion:330 Resp: 414740
Ion Ratio Lower Upper
330 100
332 99.5 76.7 115.1
141 34.0 27.7 41.5

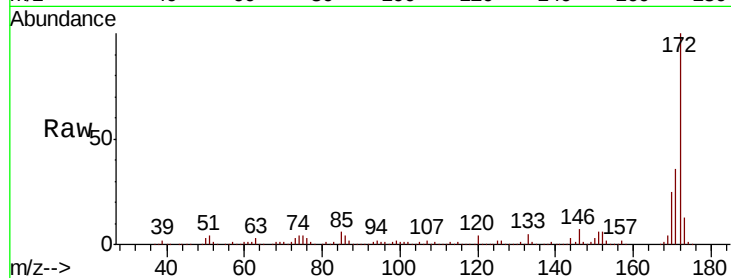




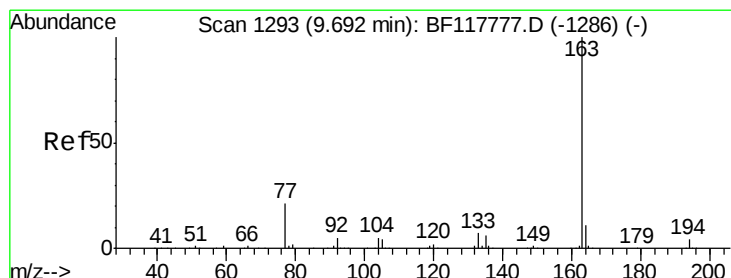
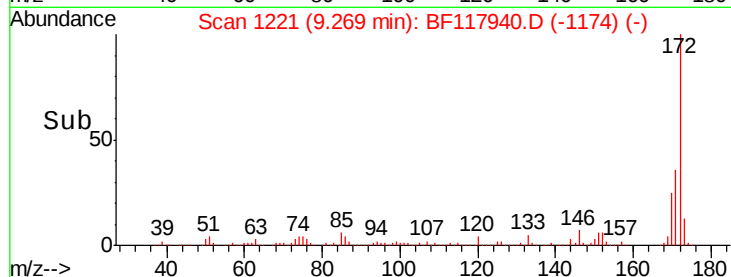
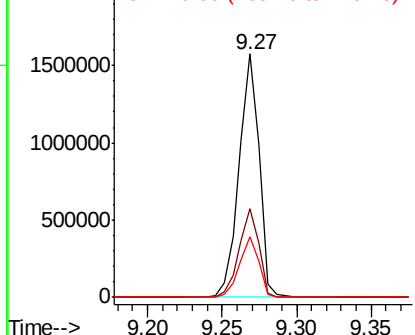
#45
2-Fluorobiphenyl
Concen: 68.099 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

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

Tot Ion:172 Resp: 1484029
Ion Ratio Lower Upper
172 100
171 36.4 30.9 46.3
170 24.7 21.0 31.4

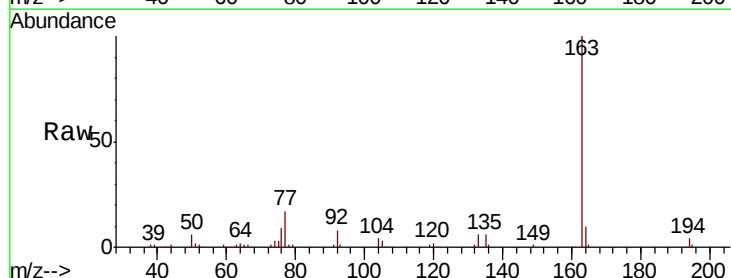


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

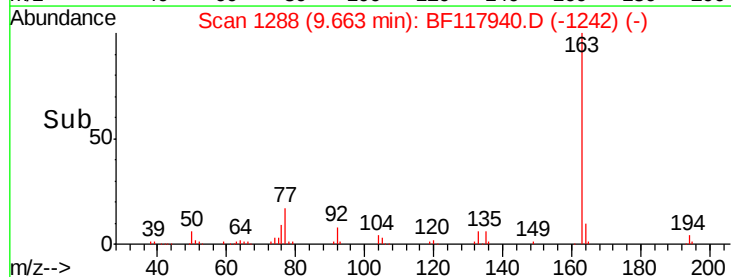
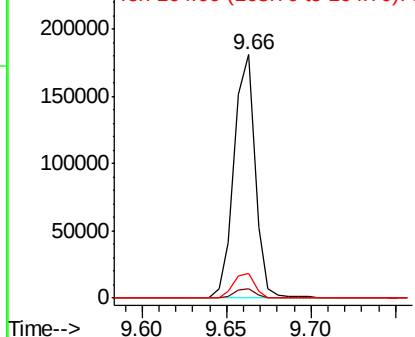


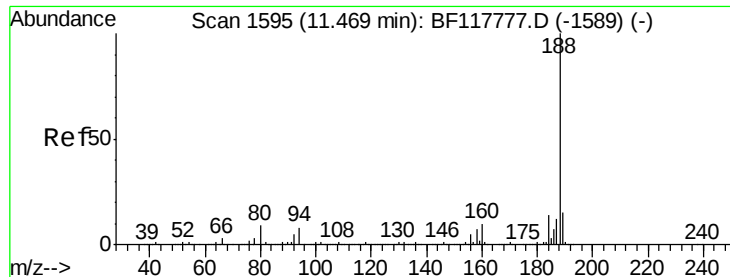
#50
Dimethylphthalate
Concen: 5.767 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117940.D
Acq: 23 Nov 2019 1:24

Tgt Ion:163 Resp: 158116
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: 11.45 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BF117940.D

Acq: 23 Nov 2019 1:24

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SE-02

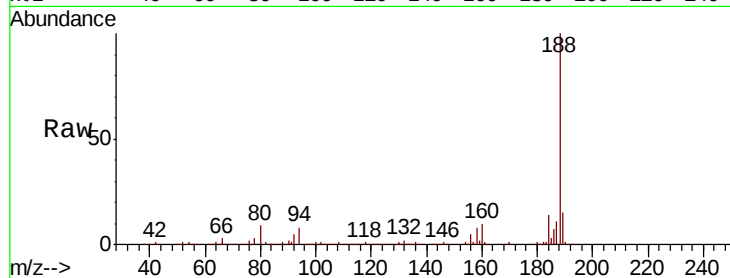
Tot Ion:188 Resp: 760564

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

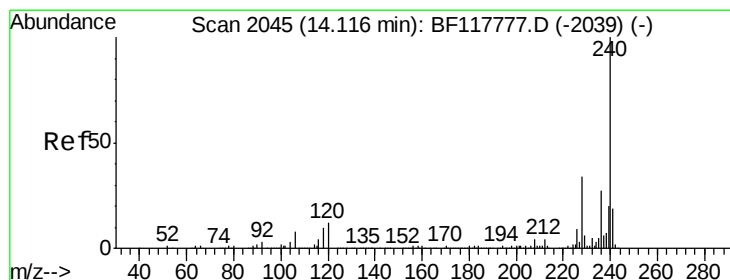
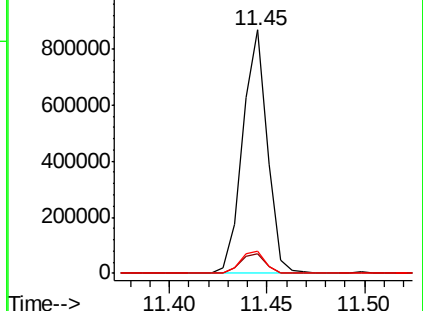
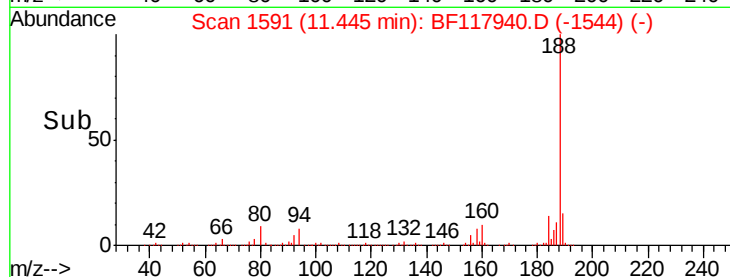
80 9.0 7.2 10.8



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: BF117940.D

Acq: 23 Nov 2019 1:24

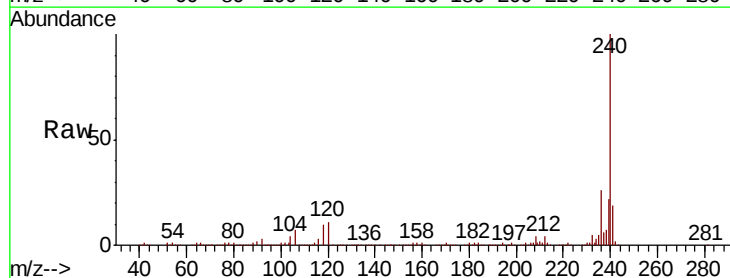
Tgt Ion:240 Resp: 542752

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

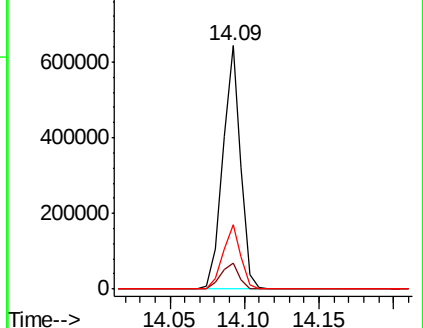
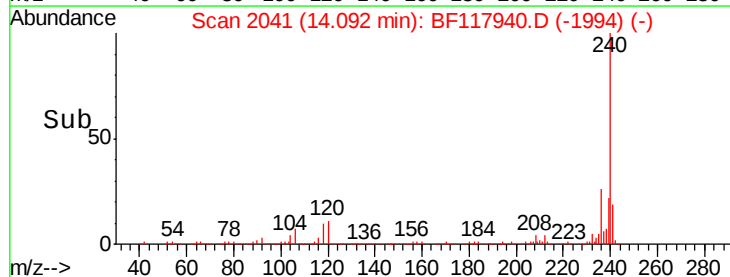
236 26.2 21.3 31.9

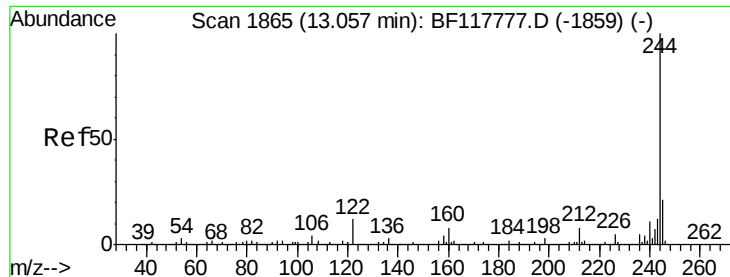


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

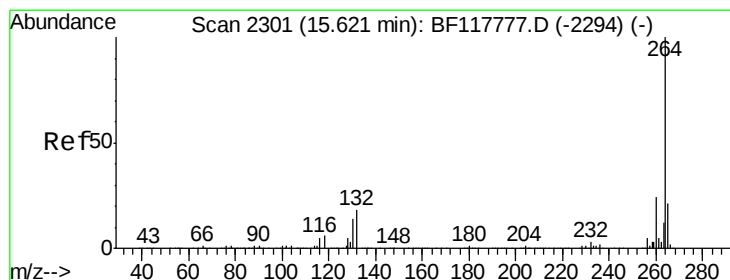
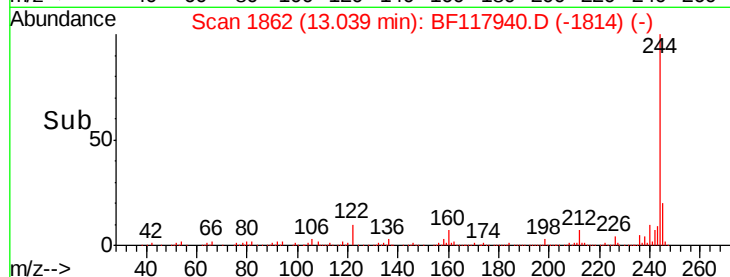
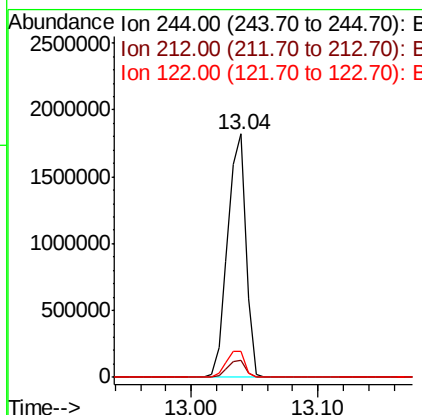
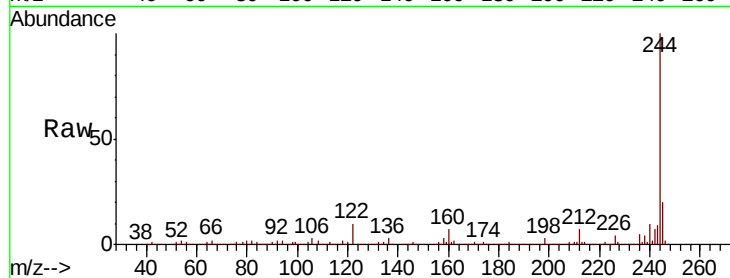




#79
 Terphenyl-d14
 Concen: 61.292 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. -0.02 min
 Lab File: BF117940.D
 Acq: 23 Nov 2019 1:24

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

Tot Ion:244 Resp: 1820200
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 10.4 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117940.D
 Acq: 23 Nov 2019 1:24

Tgt Ion:264 Resp: 468957
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 20.7 17.1 25.7

