

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117182.D
 Acq On : 19 Sep 2019 18:43
 Operator : HP/JU
 Sample : K4957-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-COMP

Quant Time: Sep 20 02:30:41 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

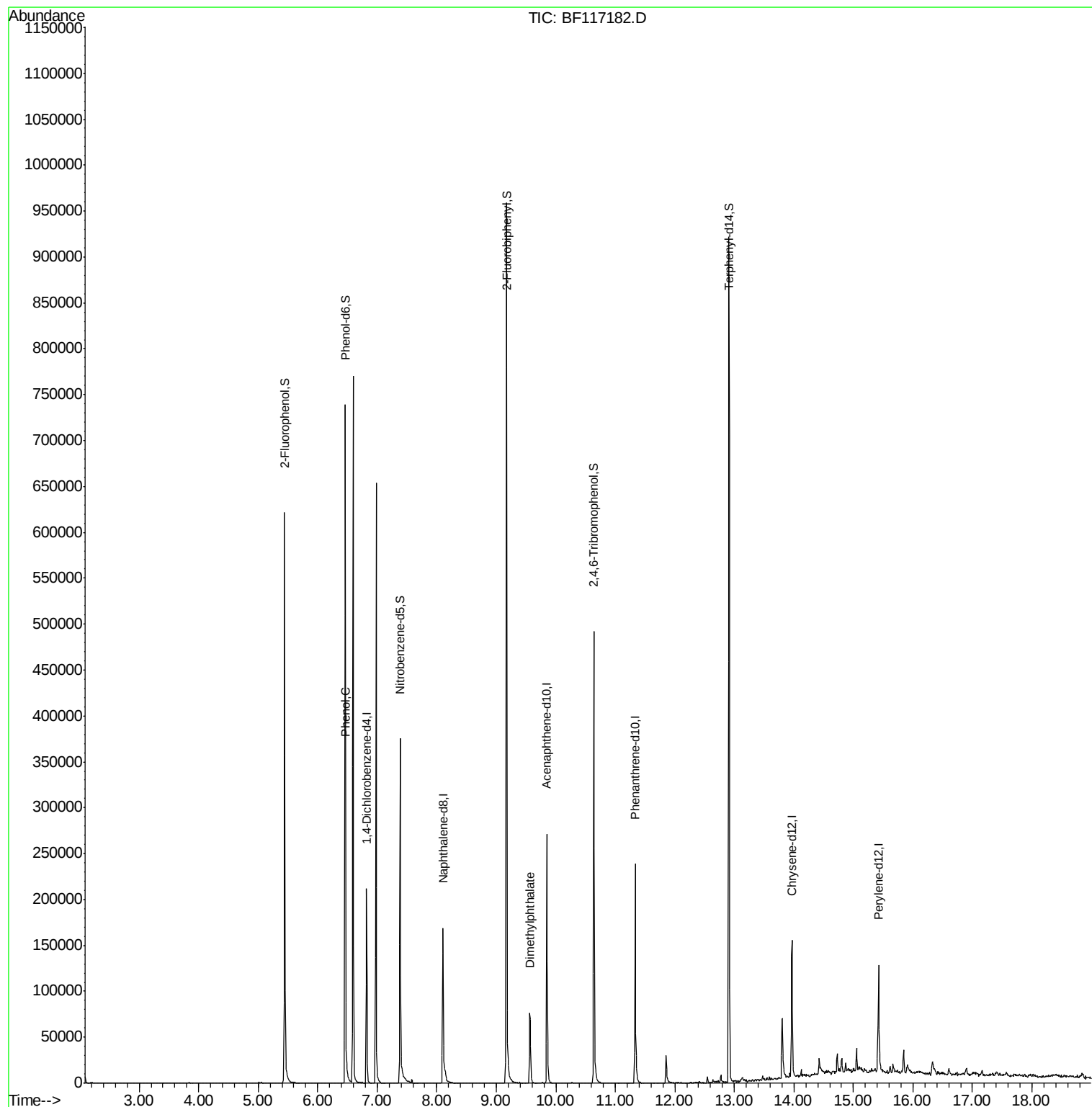
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	27432	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	113348	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	62810	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	103503	20.00	ng	0.00
76) Chrysene-d12	13.97	240	54767	20.00	ng	0.00
87) Perylene-d12	15.42	264	51273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	181289	103.18	ng	0.00
7) Phenol-d6	6.46	99	256137	112.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	163332	75.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	62019	118.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	319049	79.42	ng	0.00
79) Terphenyl-d14	12.91	244	292099	99.69	ng	0.00
Target Compounds						
10) Phenol	6.47	94	10346	4.133	ng	93
50) Dimethylphthalate	9.56	163	44640	10.038	ng	100

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

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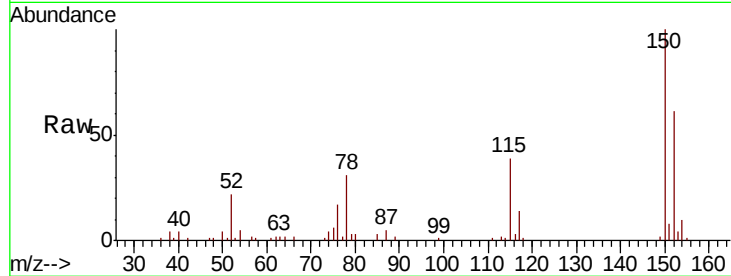


#1

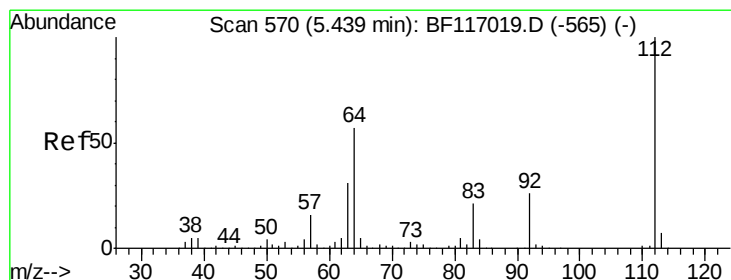
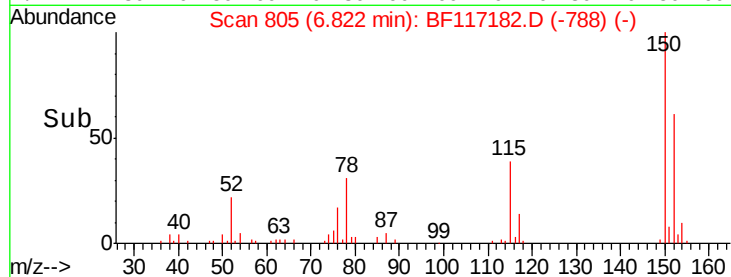
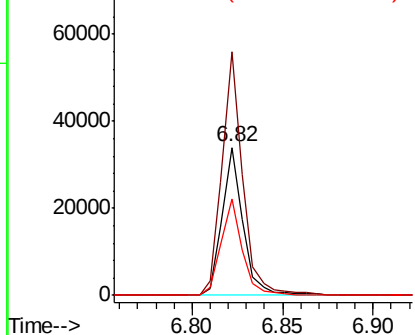
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SB-42-COMP

Tot Ion:152 Resp: 27432
Ion Ratio Lower Upper
152 100
150 164.9 127.5 191.3
115 65.0 55.0 82.4



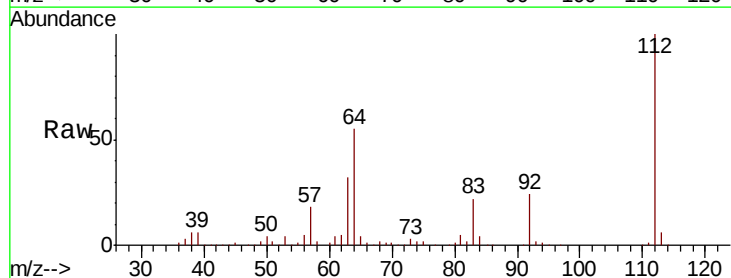
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



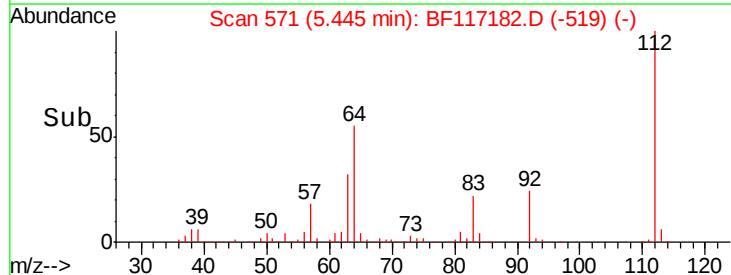
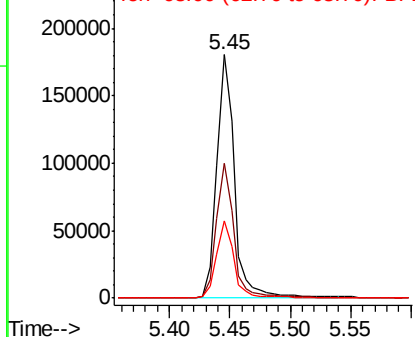
#5

2-Fluorophenol
Concen: 103.178 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:112 Resp: 181289
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 31.6 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: 112.798 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SB-42-COMP

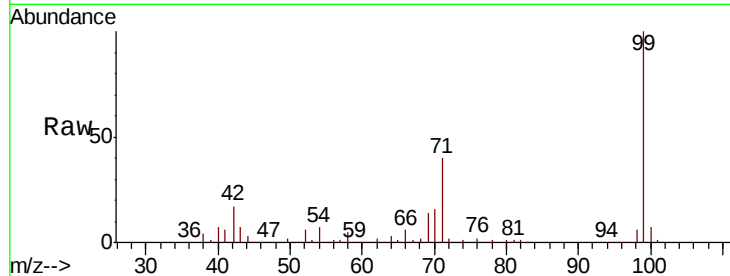
Tot Ion: 99 Resp: 256137

Ion Ratio Lower Upper

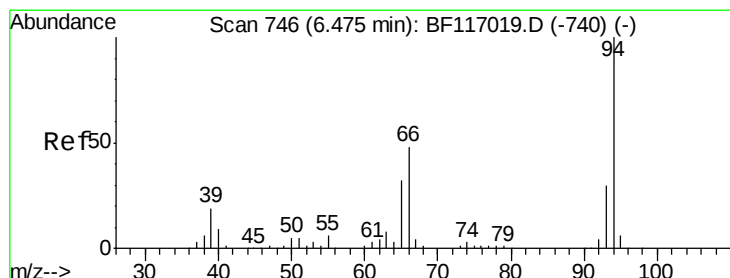
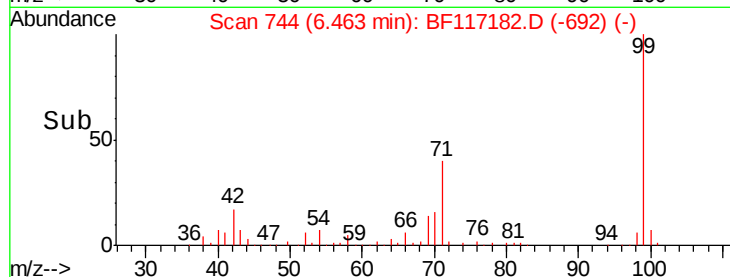
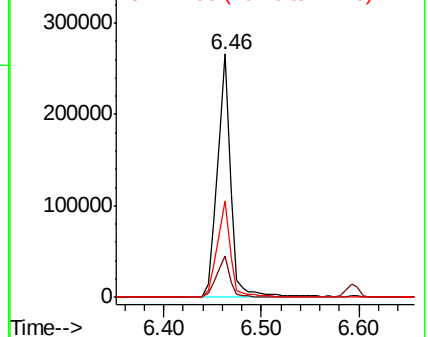
99 100

42 16.9 12.2 18.2

71 39.6 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



#10

Phenol

Concen: 4.133 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

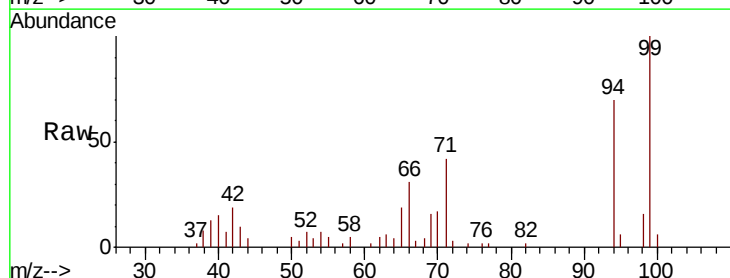
Tgt Ion: 94 Resp: 10346

Ion Ratio Lower Upper

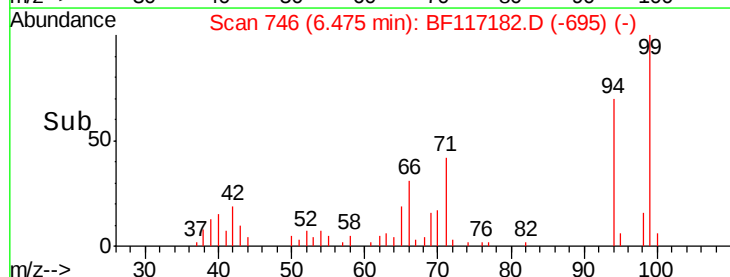
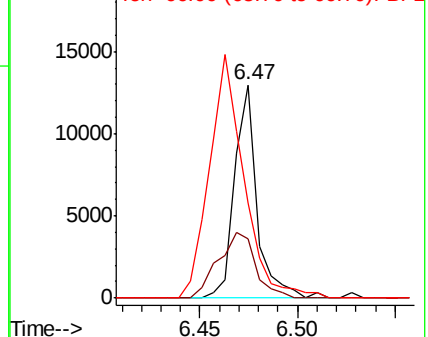
94 100

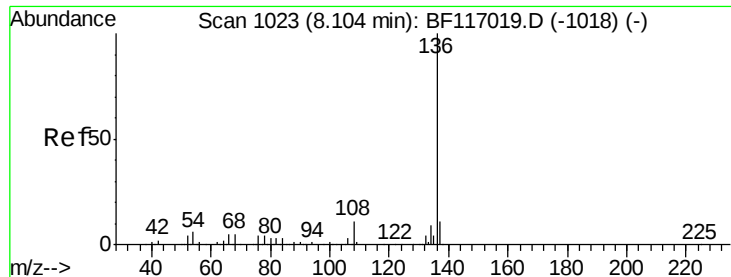
65 27.7 12.5 52.5

66 44.5 28.9 68.9



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: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SB-42-COMP

Tot Ion:136 Resp: 113348

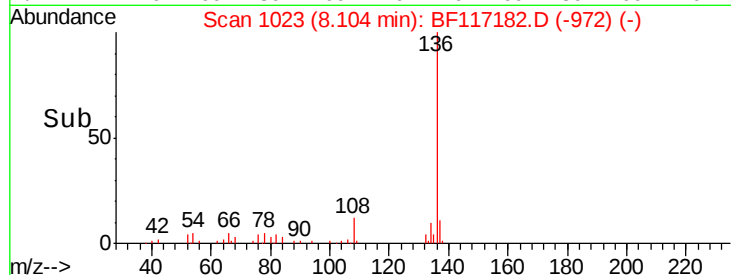
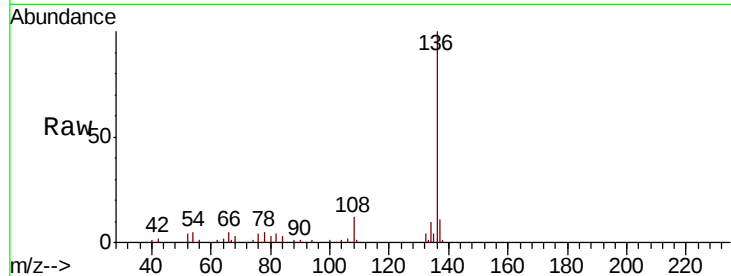
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 5.5 4.5 6.7

68 3.5 4.0 6.0#

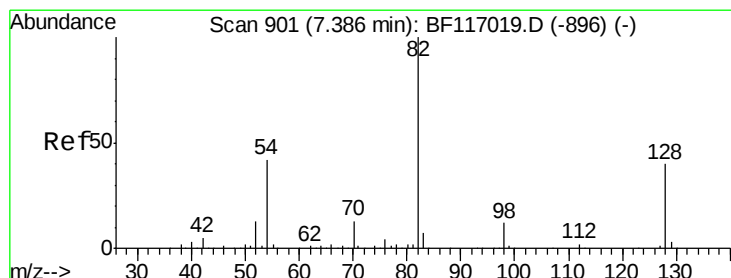
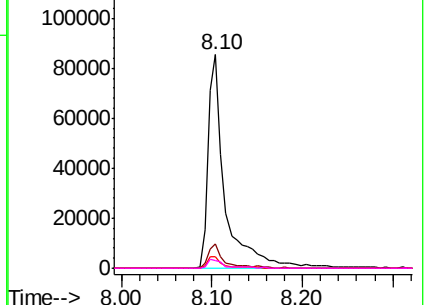


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.713 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

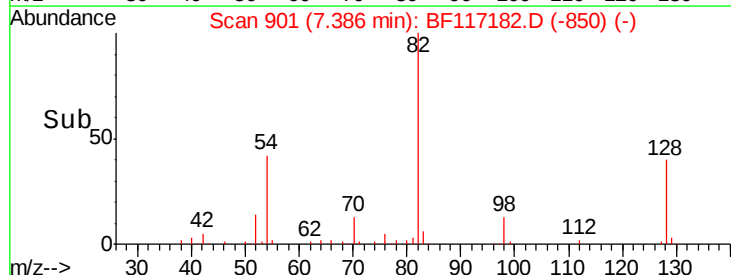
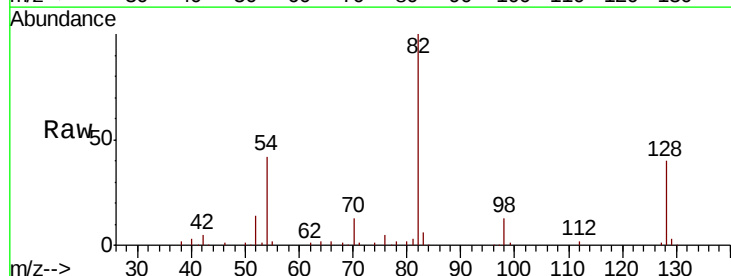
Tgt Ion: 82 Resp: 163332

Ion Ratio Lower Upper

82 100

128 39.9 32.3 48.5

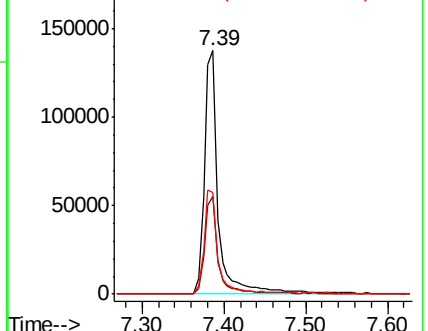
54 41.6 33.3 49.9

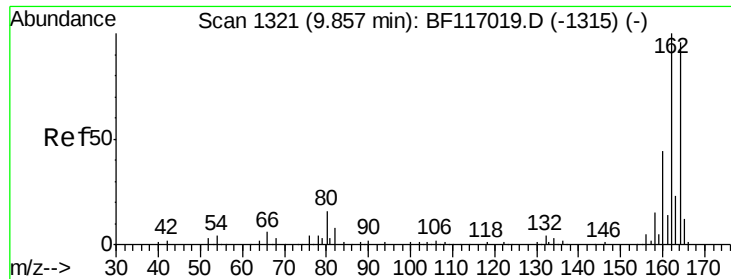


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

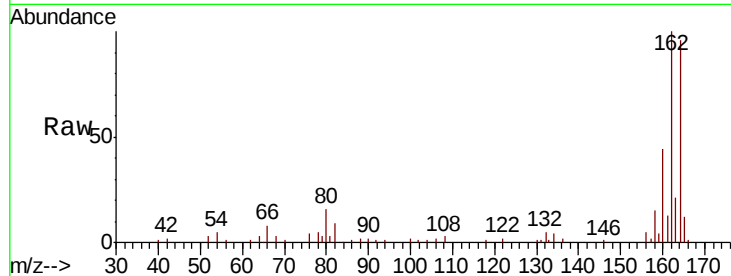




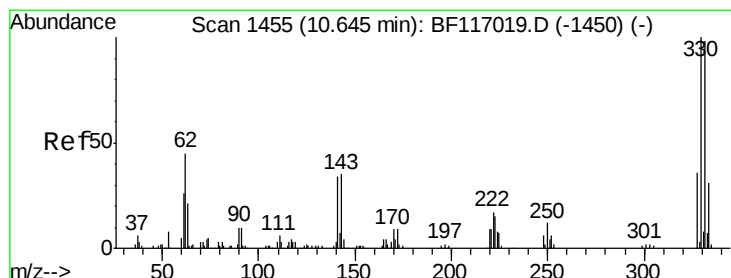
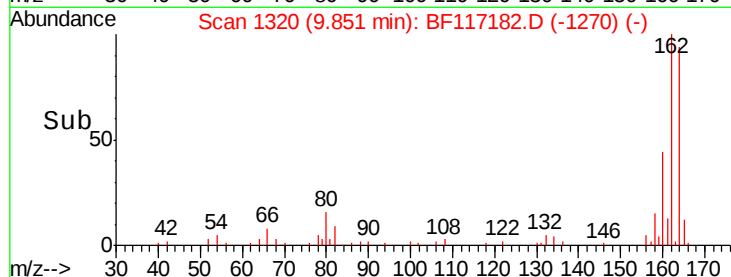
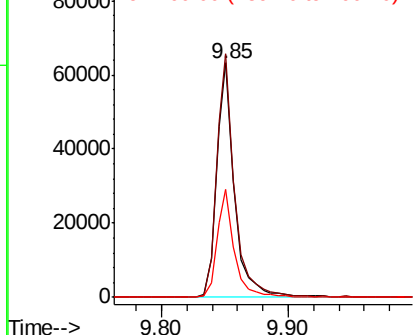
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Instrument :
BNA_F
ClientSampleId :
SB-42-COMP

Tot Ion:164 Resp: 62810
Ion Ratio Lower Upper
164 100
162 103.9 83.4 125.2
160 46.1 36.4 54.6

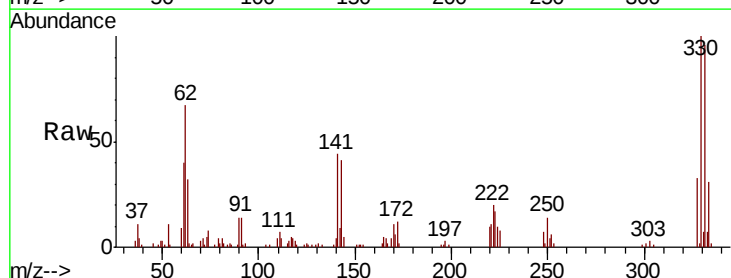


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

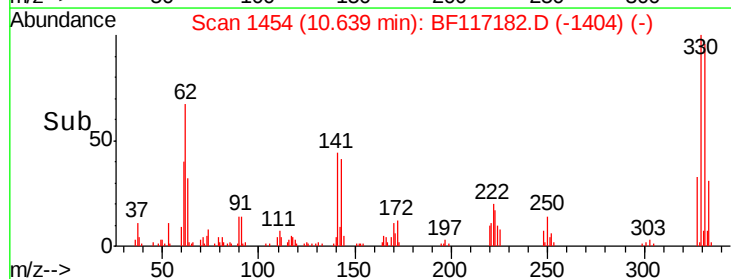
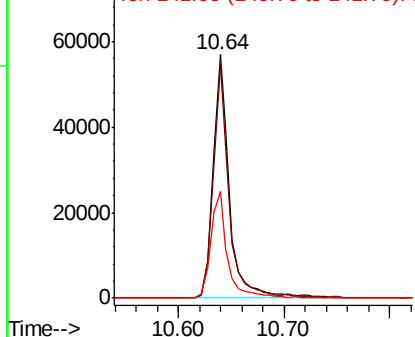


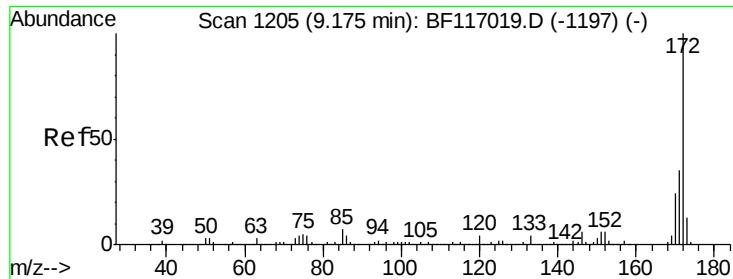
#42
2,4,6-Tribromophenol
Concen: 118.143 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:330 Resp: 62019
Ion Ratio Lower Upper
330 100
332 93.6 78.0 117.0
141 44.2 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

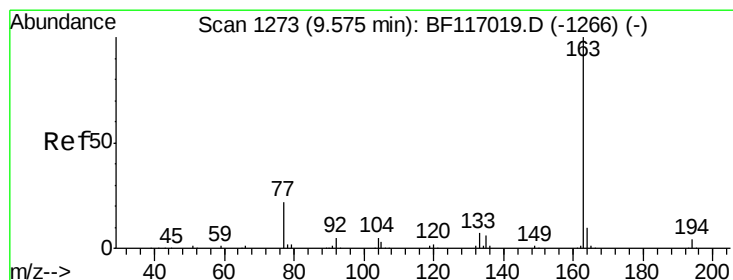
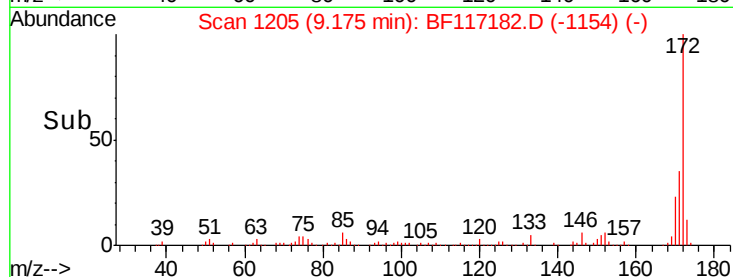
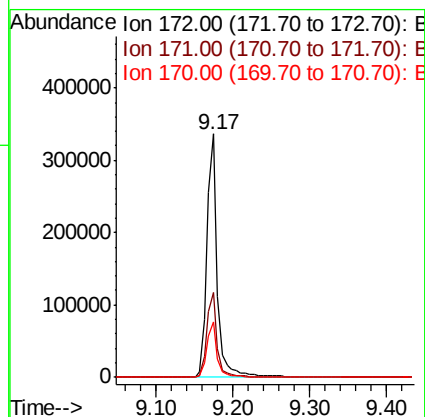
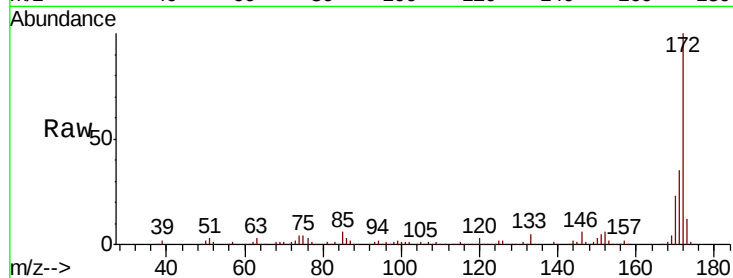




#45
2-Fluorobiphenyl
Concen: 79.423 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

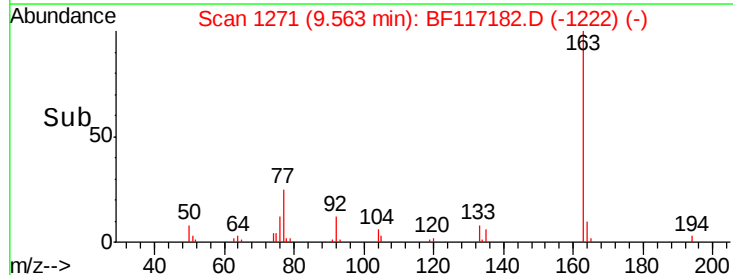
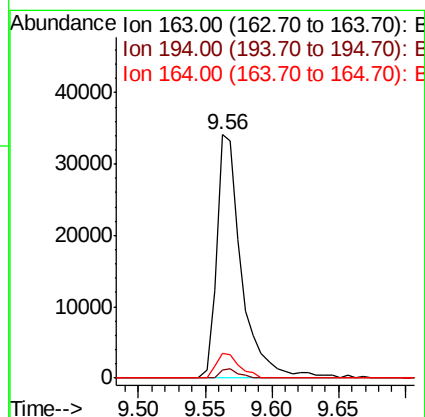
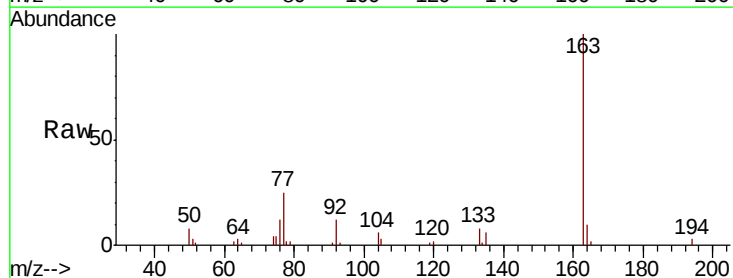
Instrument :
BNA_F
ClientSampleId :
SB-42-COMP

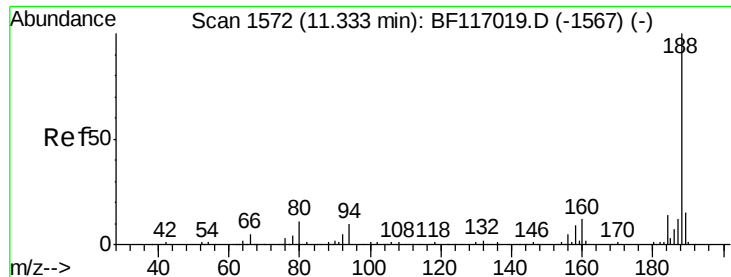
Tot Ion:172 Resp: 319049
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 22.8 18.9 28.3



#50
Dimethylphthalate
Concen: 10.038 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117182.D
Acq: 19 Sep 2019 18:43

Tgt Ion:163 Resp: 44640
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF117182.D

Acq: 19 Sep 2019 18:43

Instrument :

BNA_F

ClientSampleId :

SB-42-COMP

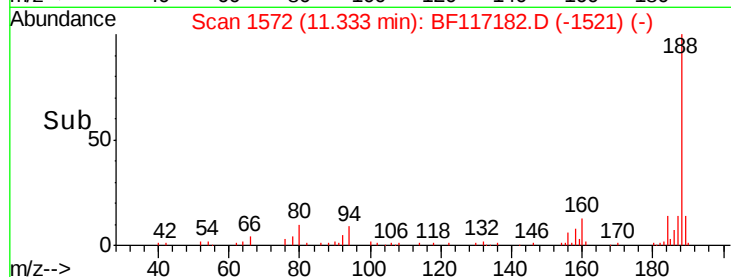
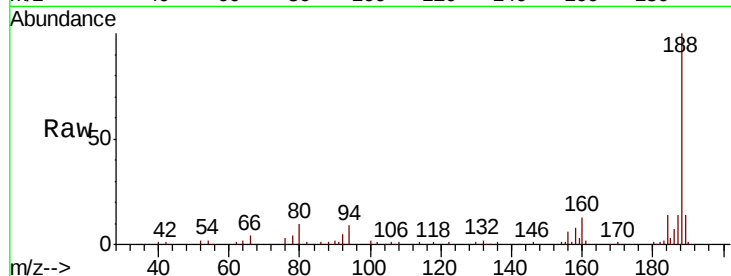
Tot Ion:188 Resp: 103503

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

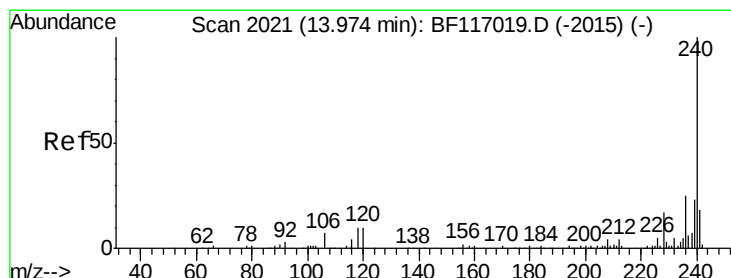
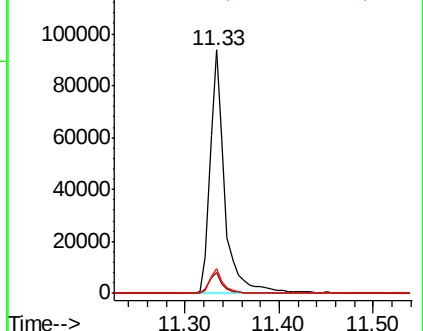
80 10.2 9.0 13.6



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: BF117182.D

Acq: 19 Sep 2019 18:43

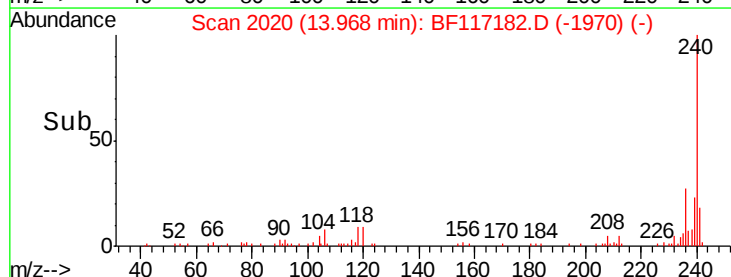
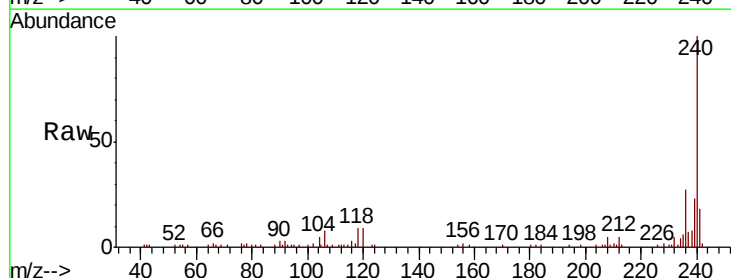
Tgt Ion:240 Resp: 54767

Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

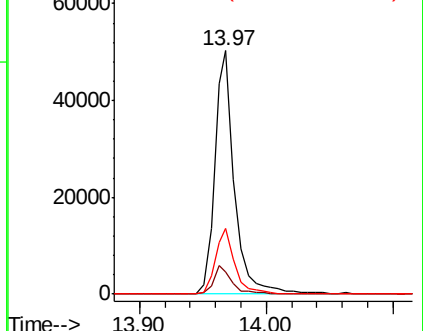
236 26.8 20.3 30.5

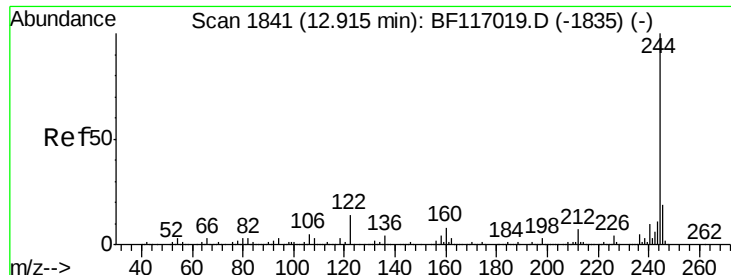


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

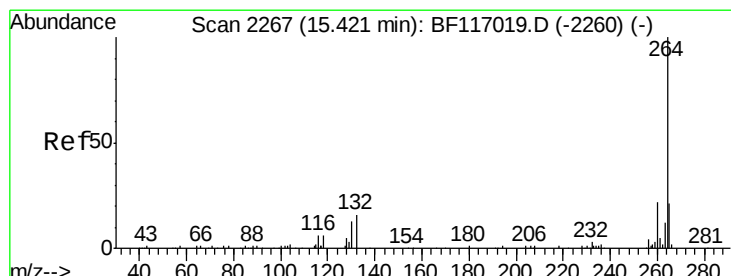
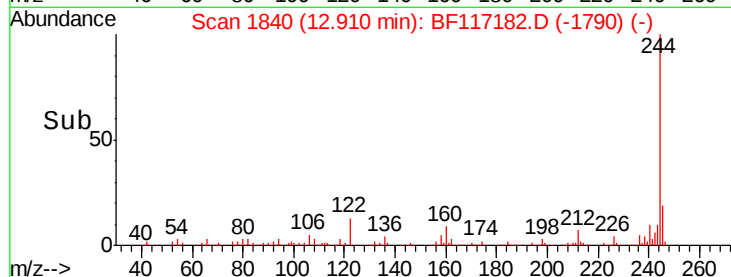
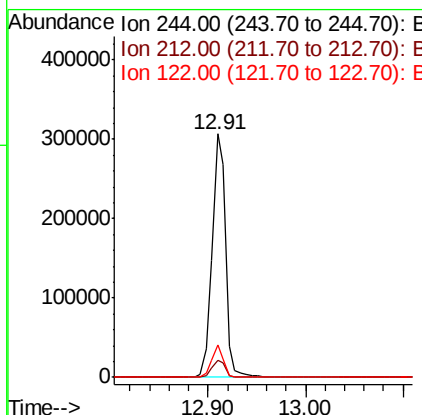
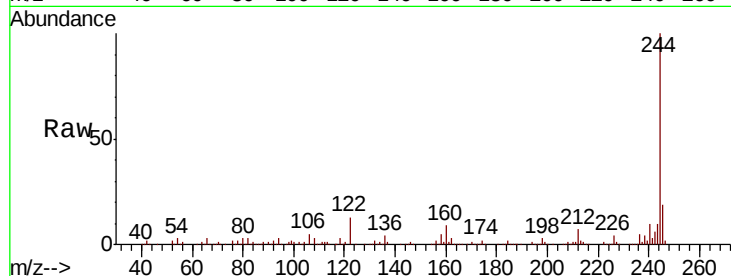




#79
 Terphenyl-d14
 Concen: 99.695 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-42-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.2	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF117182.D
 Acq: 19 Sep 2019 18:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.6	26.4
265	22.9	16.6	24.8

