

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092319\
 Data File : BF117210.D
 Acq On : 23 Sep 2019 17:39
 Operator : HP/JU
 Sample : K4923-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Quant Time: Sep 23 18:08:16 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

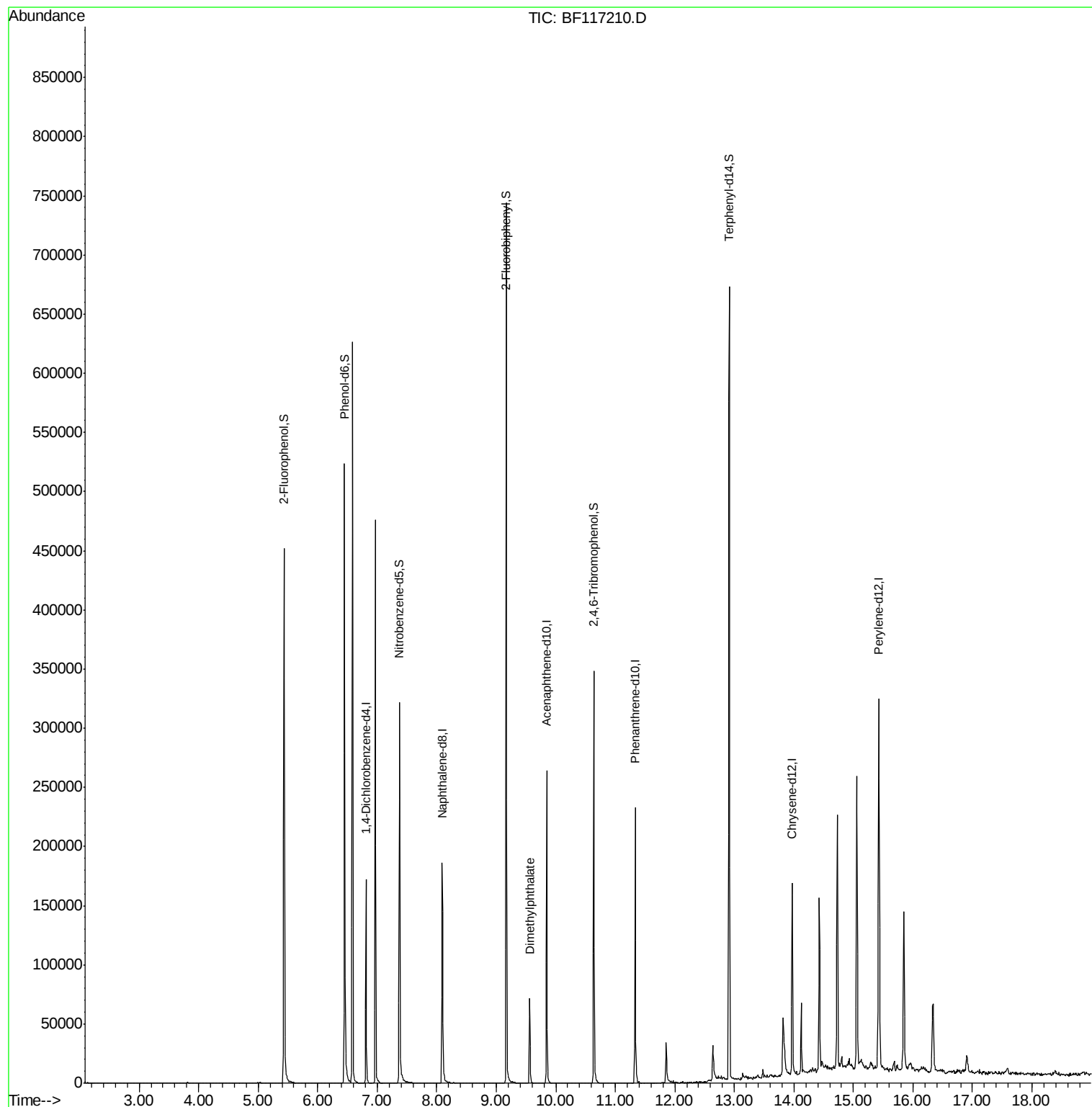
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	23558	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	98782	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	53994	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	89292	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59076	20.00	ng	0.00
87) Perylene-d12	15.42	264	54829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	126554	83.87	ng	0.00
7) Phenol-d6	6.45	99	179689	92.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	112379	59.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	40226	89.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	209800	60.75	ng	0.00
79) Terphenyl-d14	12.92	244	208541	65.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	30881	8.078	ng	Qvalue 99

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

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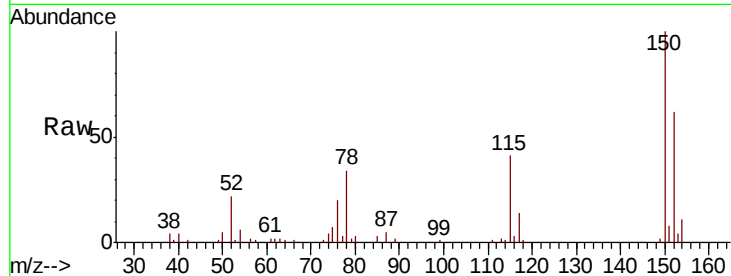


#1

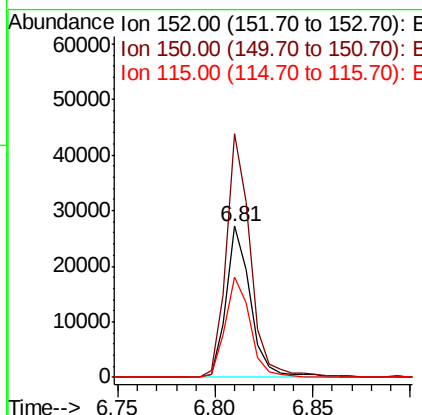
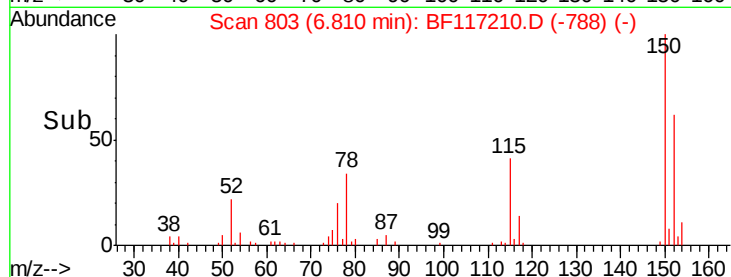
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tot Ion:152 Resp: 23558
Ion Ratio Lower Upper
152 100
150 161.0 127.5 191.3
115 66.4 55.0 82.4



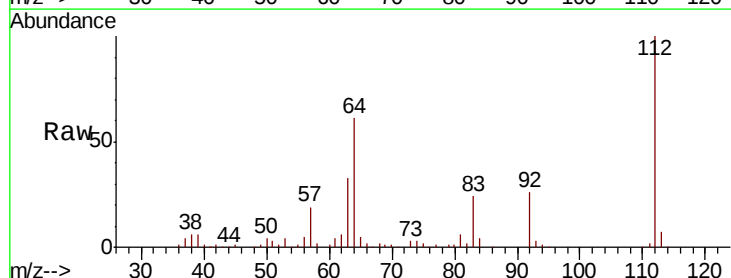
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



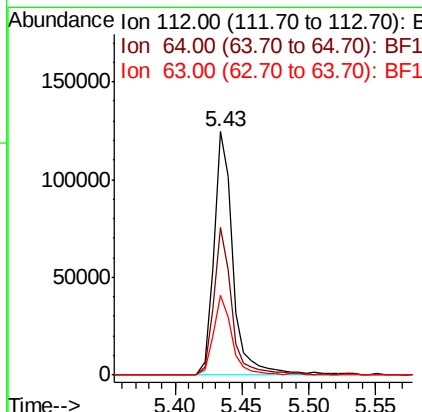
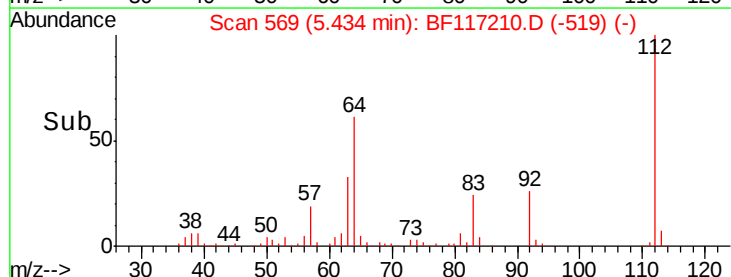
#5

2-Fluorophenol
Concen: 83.870 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion:112 Resp: 126554
Ion Ratio Lower Upper
112 100
64 60.7 45.7 68.5
63 32.7 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: 92.145 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

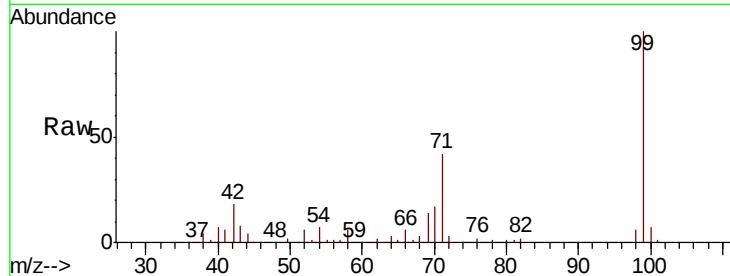
Tot Ion: 99 Resp: 179689

Ion Ratio Lower Upper

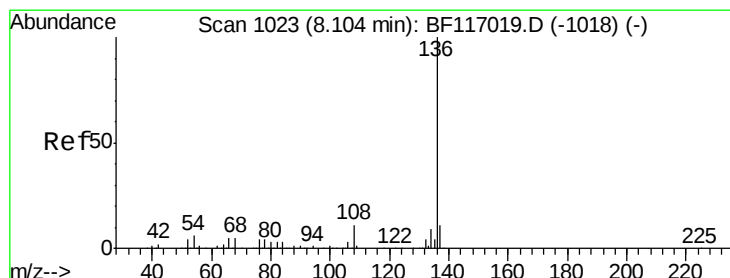
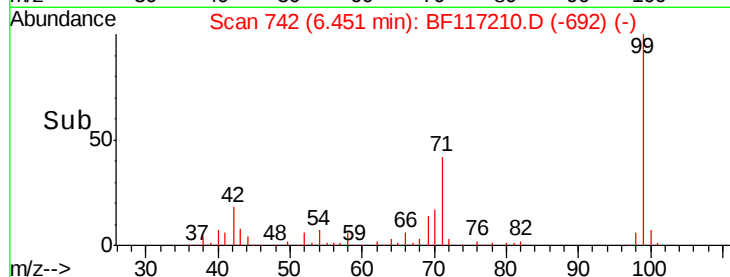
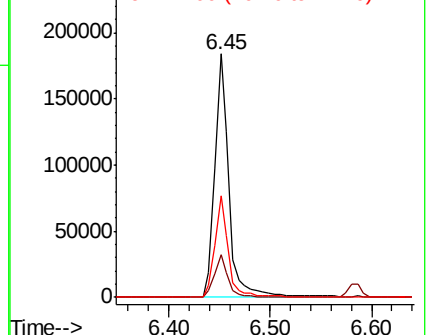
99 100

42 17.6 12.2 18.2

71 42.0 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Tgt Ion: 136 Resp: 98782

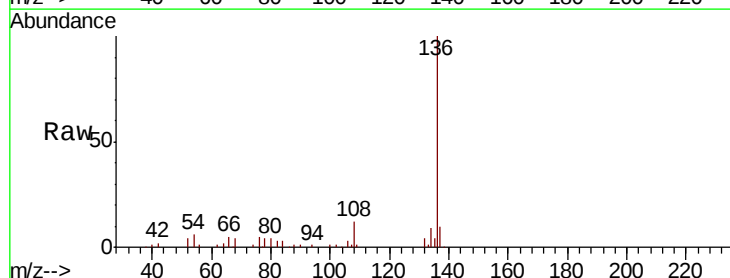
Ion Ratio Lower Upper

136 100

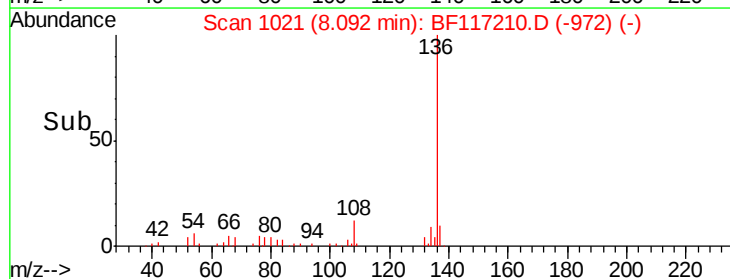
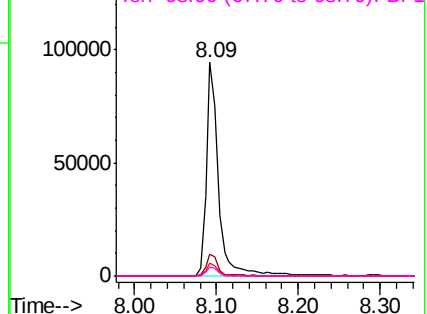
137 10.2 9.0 13.4

54 6.1 4.5 6.7

68 4.3 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

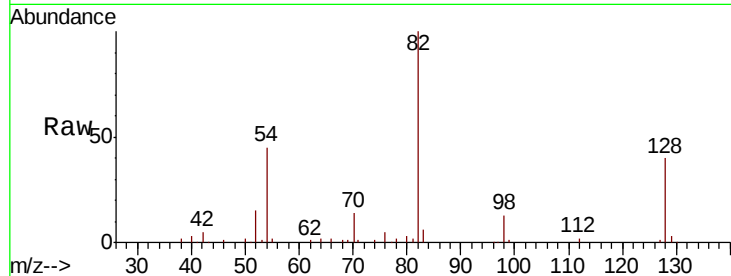




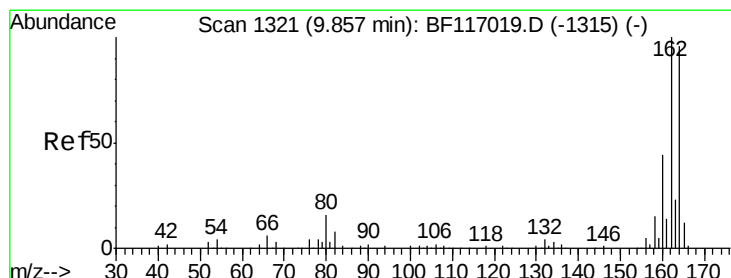
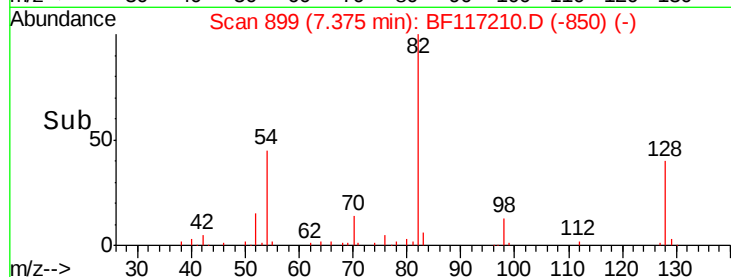
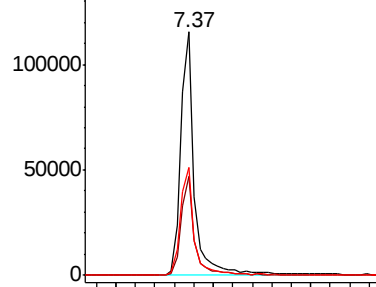
#23
 Nitrobenzene-d5
 Concen: 59.775 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion	82	Resp	112379
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.3	48.5
54	44.6	33.3	49.9

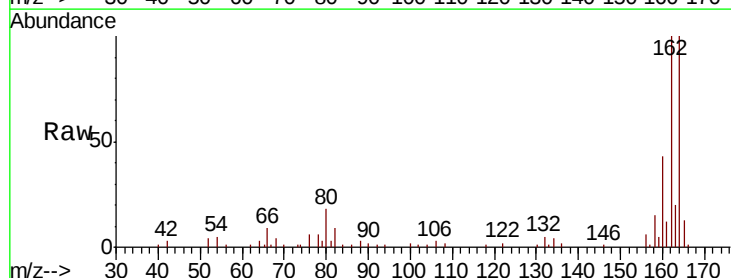


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

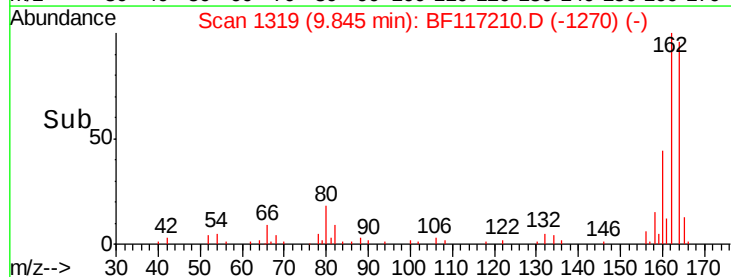
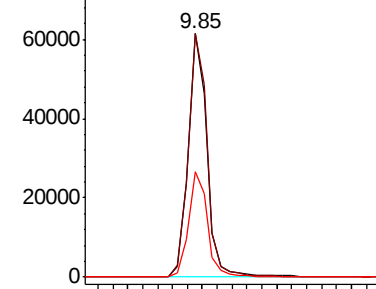


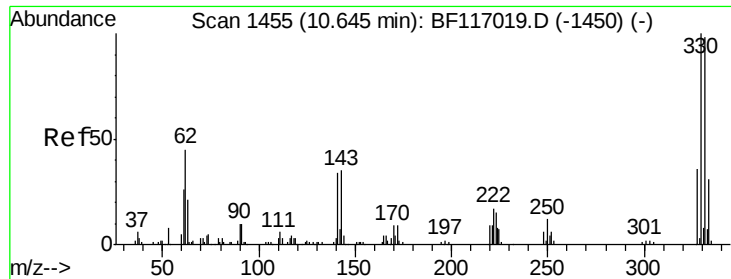
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Tgt Ion	164	Resp	53994
Ion Ratio	Lower	Upper	
164	100		
162	100.0	83.4	125.2
160	43.4	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: 89.140 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

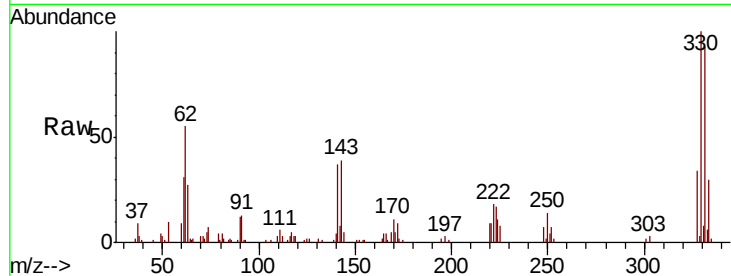
Tot Ion:330 Resp: 40226

Ion Ratio Lower Upper

330 100

332 93.8 78.0 117.0

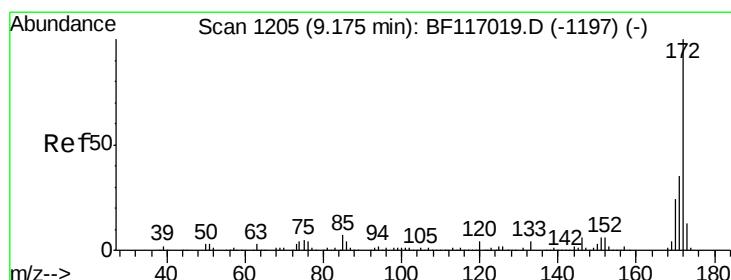
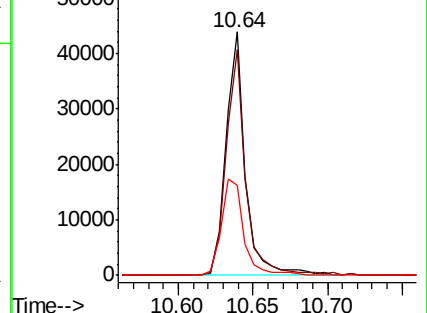
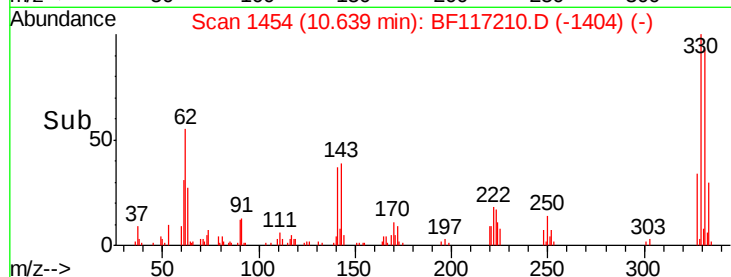
141 45.1 35.8 53.6



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: 60.755 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

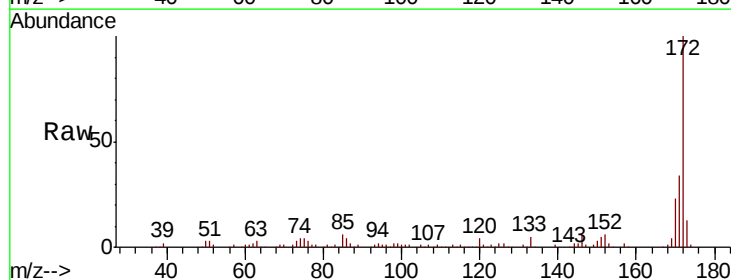
Tgt Ion:172 Resp: 209800

Ion Ratio Lower Upper

172 100

171 34.0 28.2 42.2

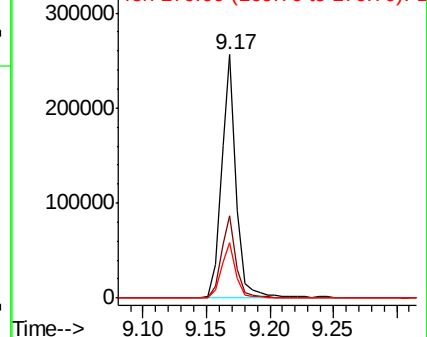
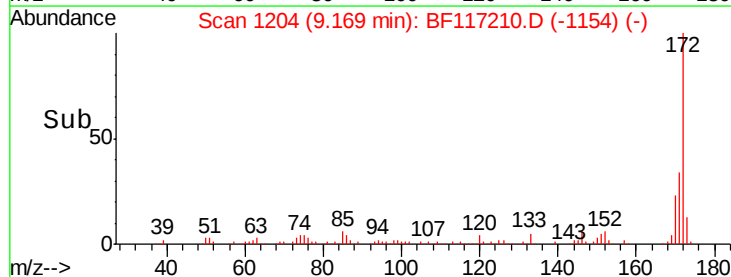
170 22.7 18.9 28.3

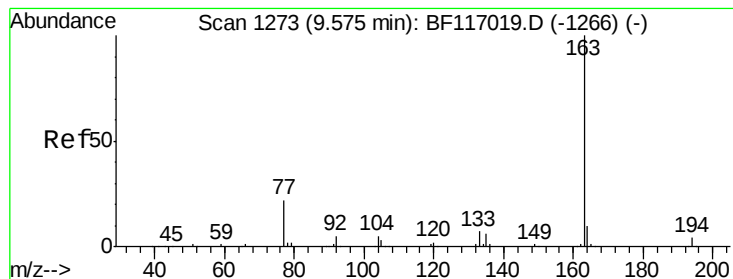


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.078 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF117210.D

Acq: 23 Sep 2019 17:39

Instrument :

BNA_F

ClientSampleId :

SB-46-COMP

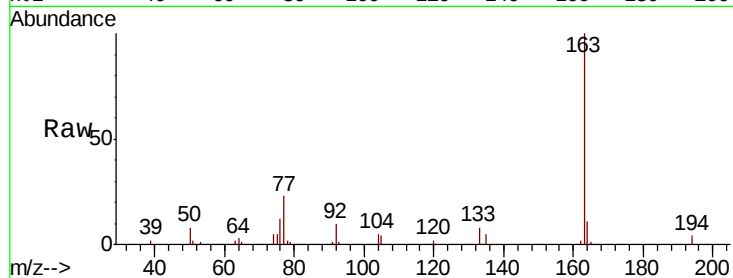
Tot Ion:163 Resp: 30881

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

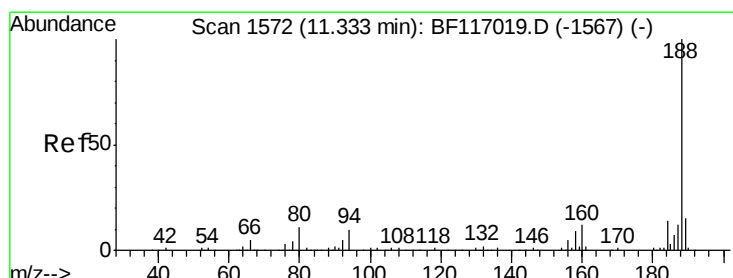
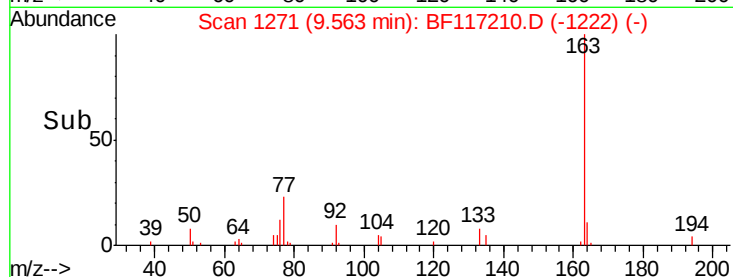
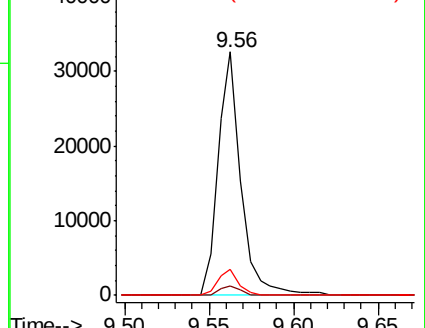
164 10.8 8.2 12.4



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: BF117210.D

Acq: 23 Sep 2019 17:39

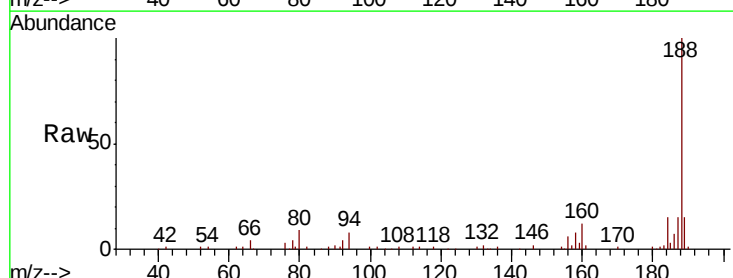
Tgt Ion:188 Resp: 89292

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

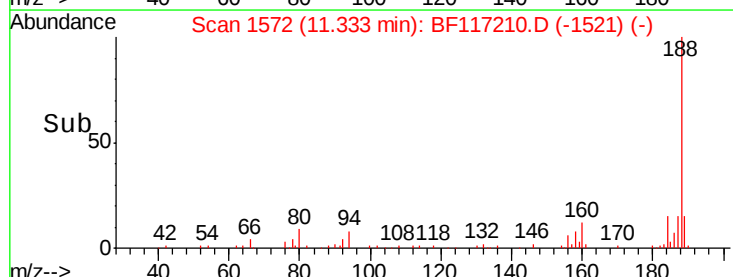
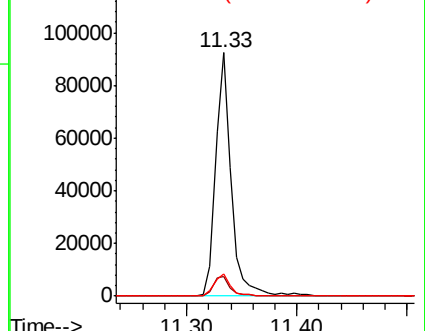
80 9.2 9.0 13.6

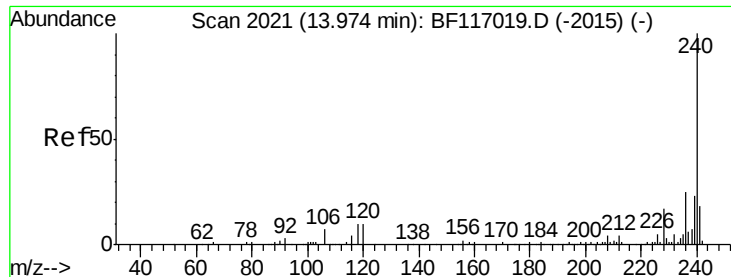


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

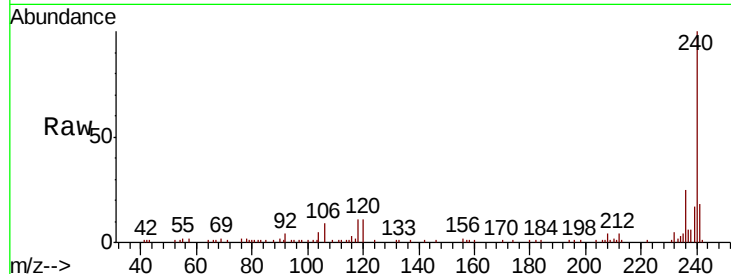




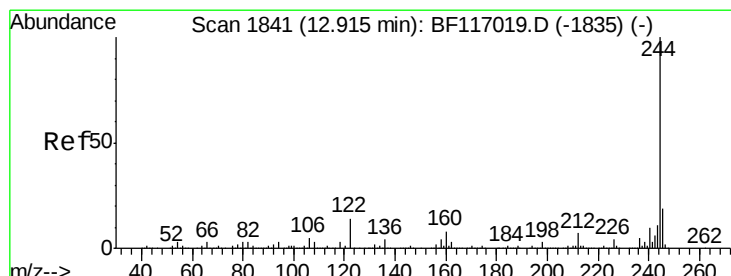
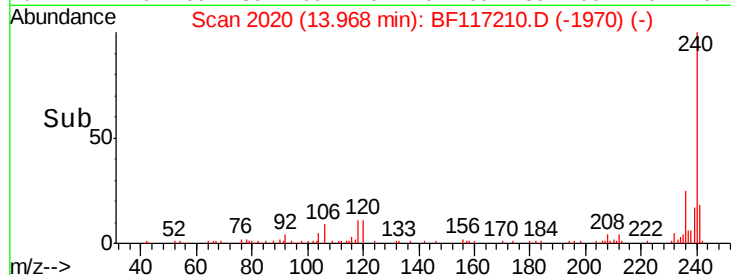
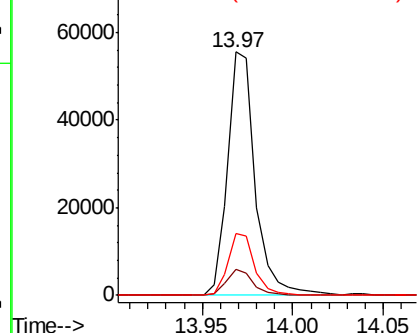
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Instrument :
BNA_F
ClientSampleId :
SB-46-COMP

Tot Ion:240 Resp: 59076
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 25.5 20.3 30.5

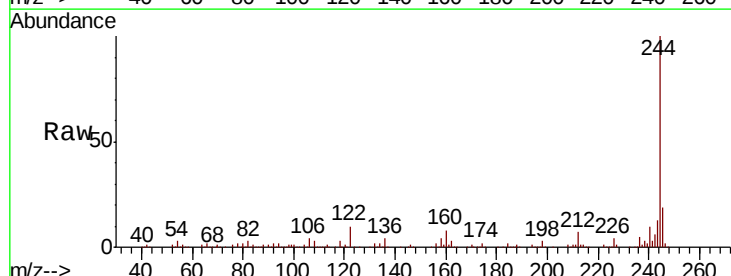


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

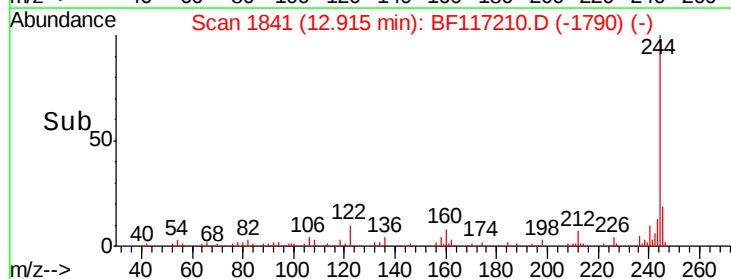
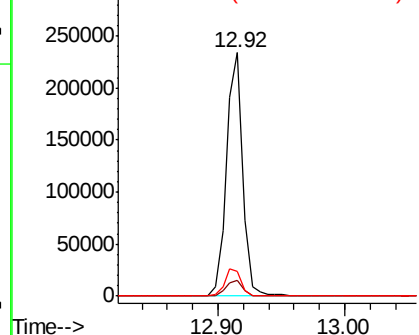


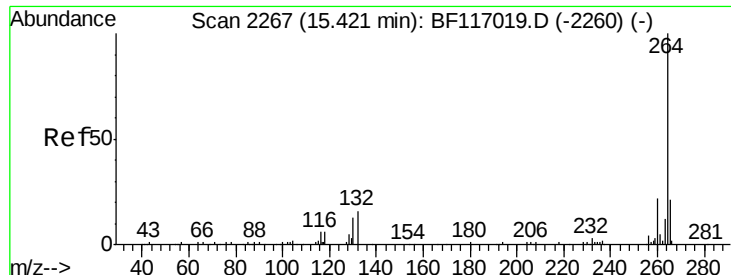
#79
Terphenyl-d14
Concen: 65.984 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117210.D
Acq: 23 Sep 2019 17:39

Tgt Ion:244 Resp: 208541
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.8
122 10.3 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

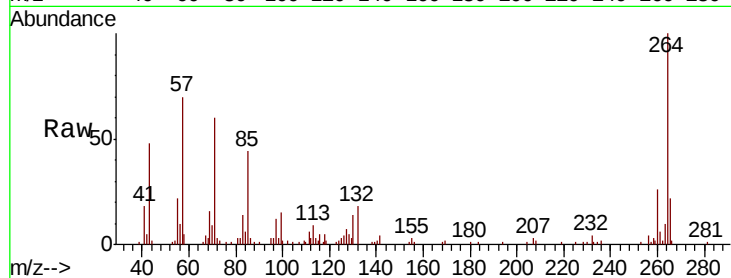




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF117210.D
 Acq: 23 Sep 2019 17:39

Instrument :
 BNA_F
 ClientSampleId :
 SB-46-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	17.6	26.4
265	22.0	16.6	24.8



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

