

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117178.D
 Acq On : 19 Sep 2019 16:55
 Operator : HP/JU
 Sample : K4957-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Quant Time: Sep 20 02:21:44 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

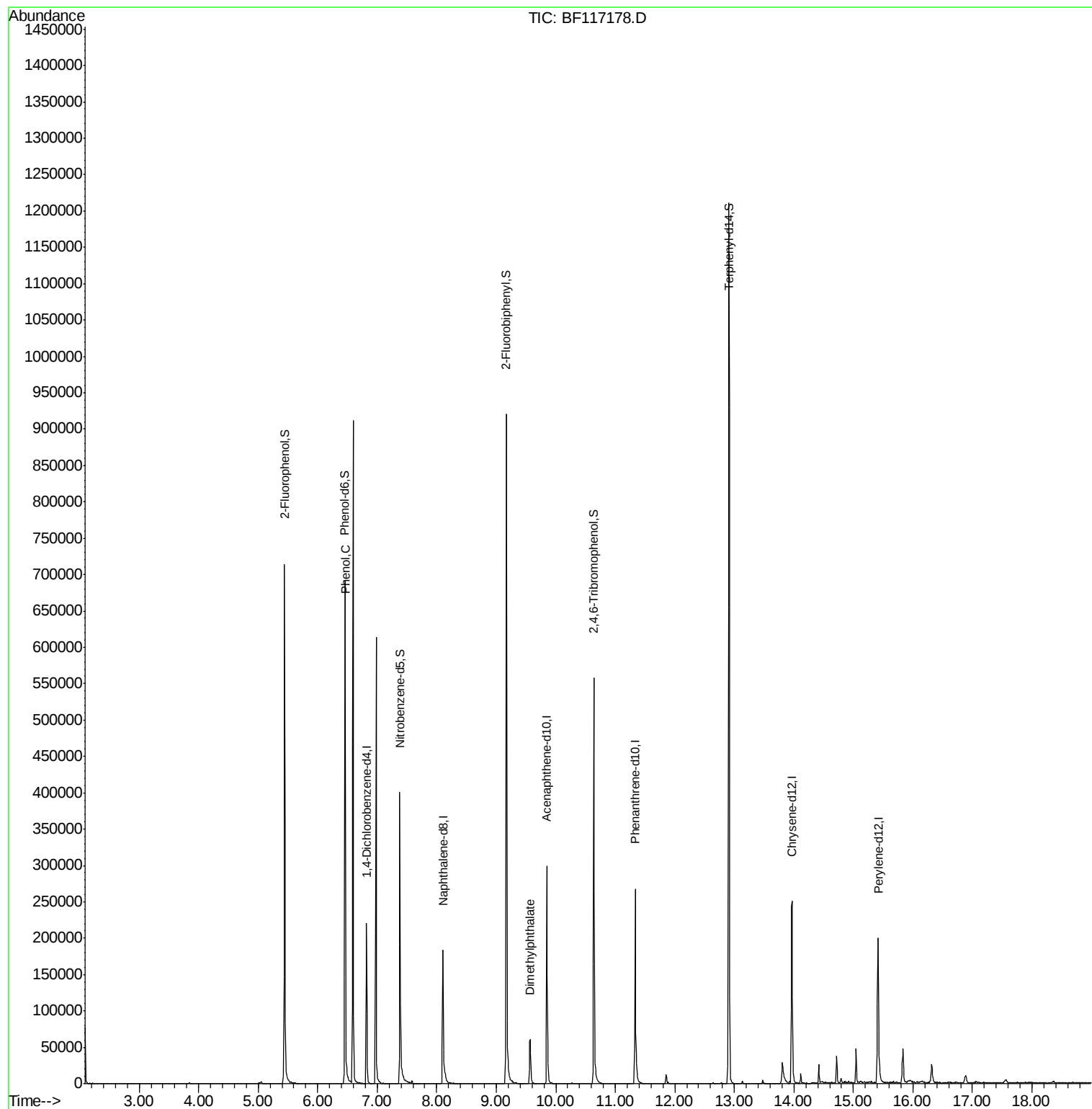
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	32247	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	129836	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	72333	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	127281	20.00	ng	0.00
76) Chrysene-d12	13.97	240	107493	20.00	ng	0.00
87) Perylene-d12	15.42	264	97771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	197484	95.61	ng	0.00
7) Phenol-d6	6.46	99	273457	102.44	ng	0.00
23) Nitrobenzene-d5	7.38	82	169434	68.57	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	71639	118.50	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	330325	71.40	ng	0.00
79) Terphenyl-d14	12.91	244	403640	70.19	ng	0.00
Target Compounds						
10) Phenol	6.47	94	10723	3.644	ng	87
50) Dimethylphthalate	9.57	163	40506	7.909	ng	99

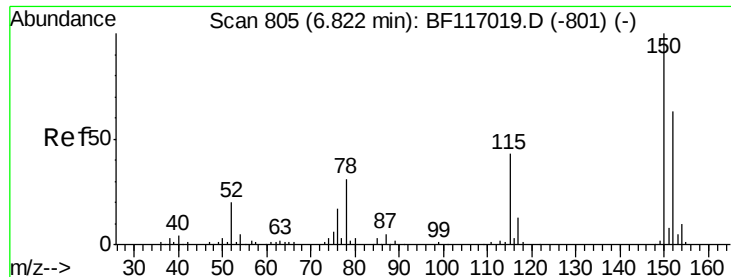
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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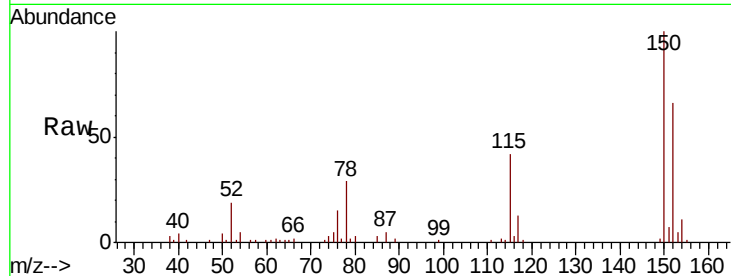


#1

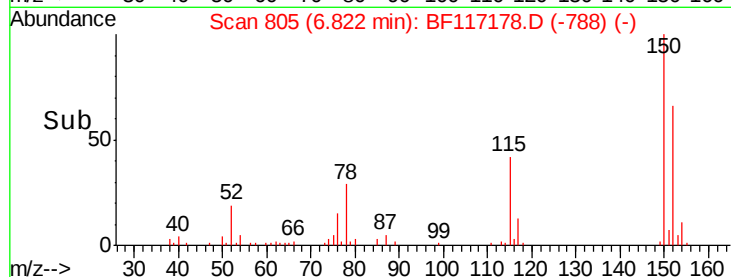
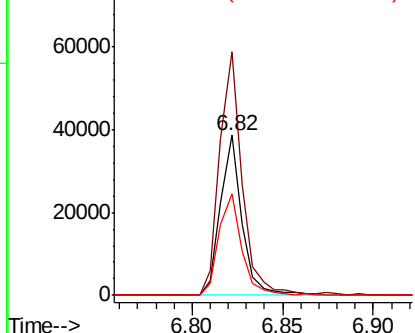
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

Tot Ion:152 Resp: 32247
Ion Ratio Lower Upper
152 100
150 152.2 127.5 191.3
115 63.5 55.0 82.4



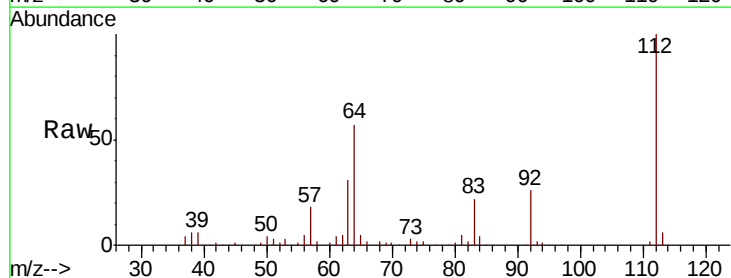
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



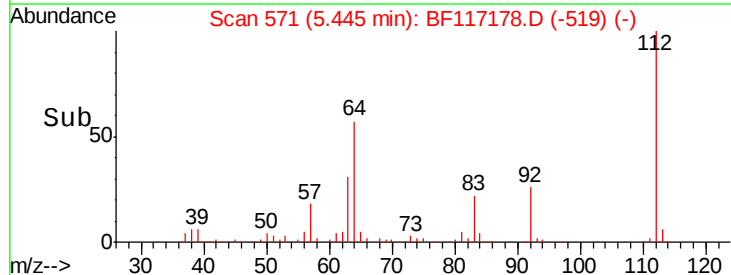
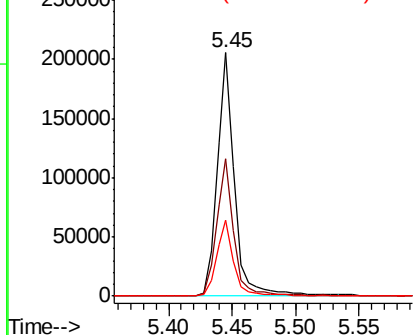
#5

2-Fluorophenol
Concen: 95.612 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

Tgt Ion:112 Resp: 197484
Ion Ratio Lower Upper
112 100
64 56.6 45.7 68.5
63 31.2 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: 102.444 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117178.D

Acq: 19 Sep 2019 16:55

Instrument :

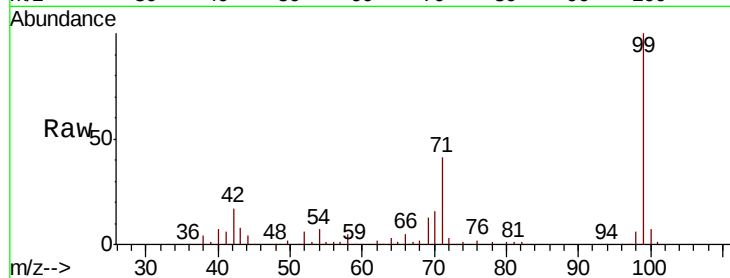
BNA_F

ClientSampleId :

SB-33-COMP

Tot Ion: 99 Resp: 273457

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.2	18.2
71	40.8	29.8	44.8

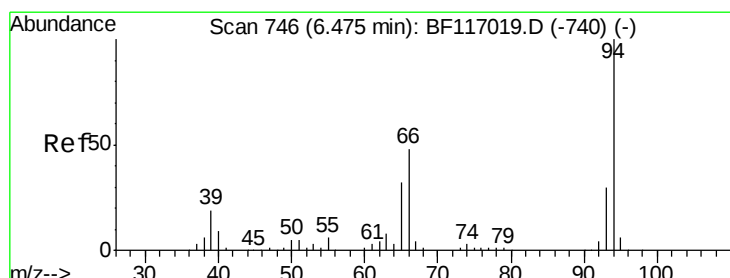
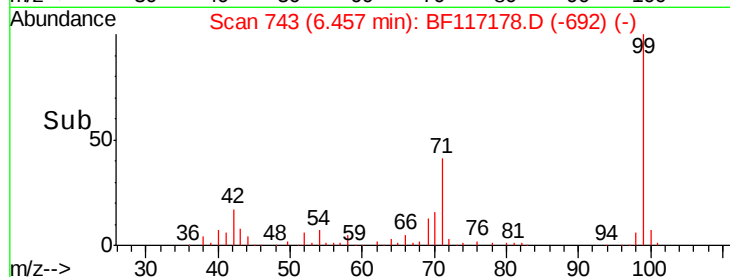


Abundance

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: 3.644 ng

RT: 6.47 min Scan# 745

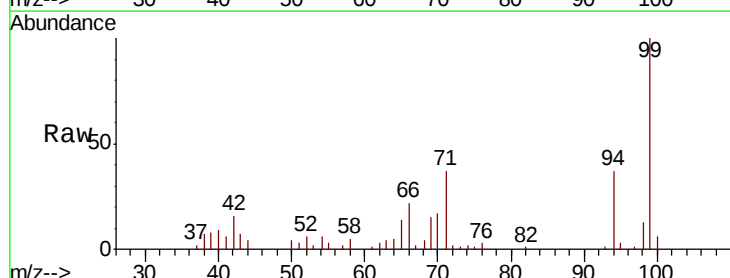
Delta R.T. -0.01 min

Lab File: BF117178.D

Acq: 19 Sep 2019 16:55

Tgt Ion: 94 Resp: 10723

Ion	Ratio	Lower	Upper
94	100		
65	37.0	12.5	52.5
66	59.7	28.9	68.9

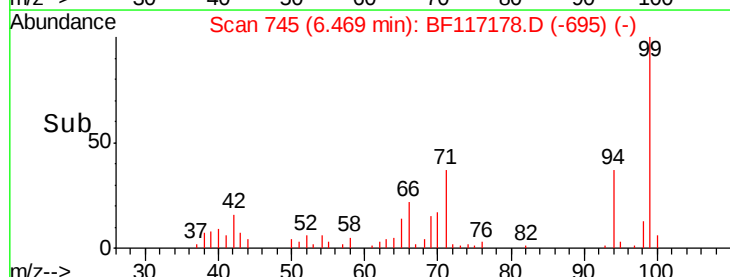


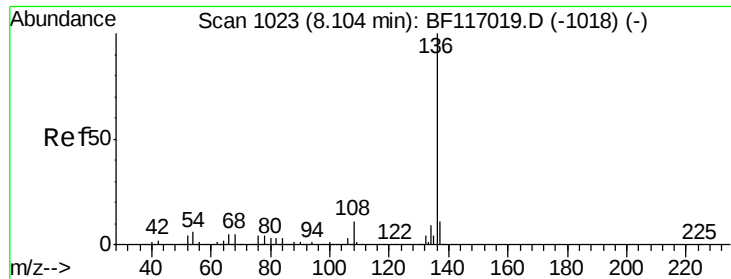
Abundance

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

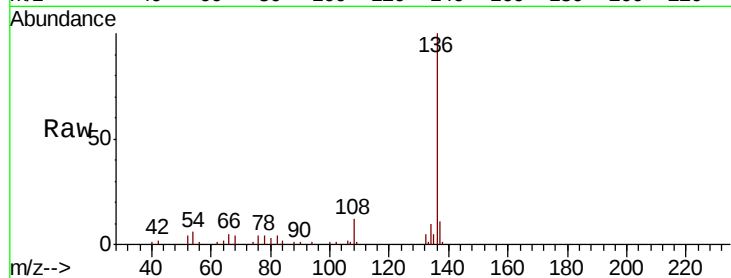




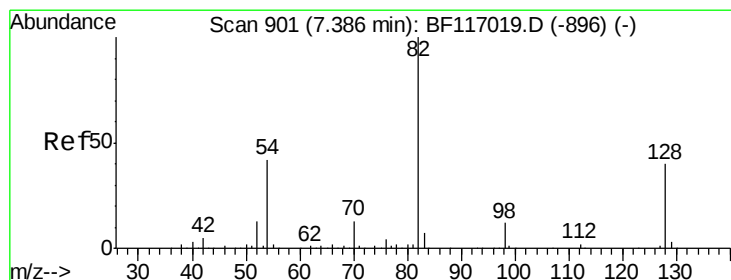
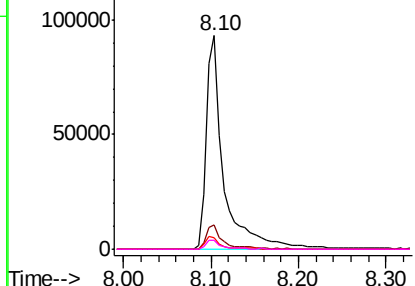
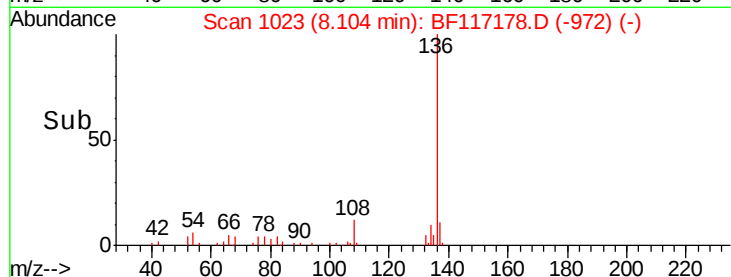
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

Tot Ion:136	Resp:	129836
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	5.5	4.5 6.7
68	4.1	4.0 6.0

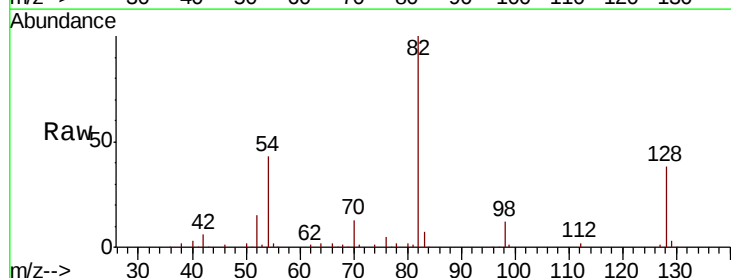


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

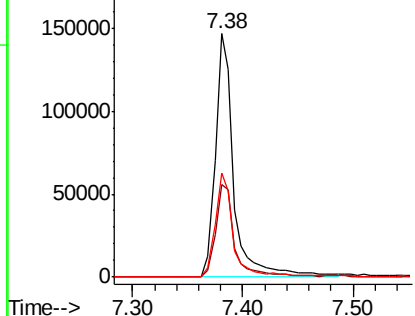
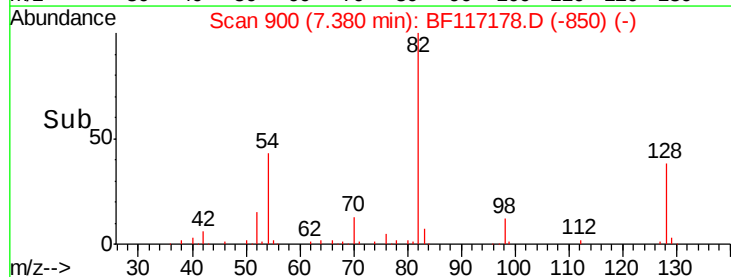


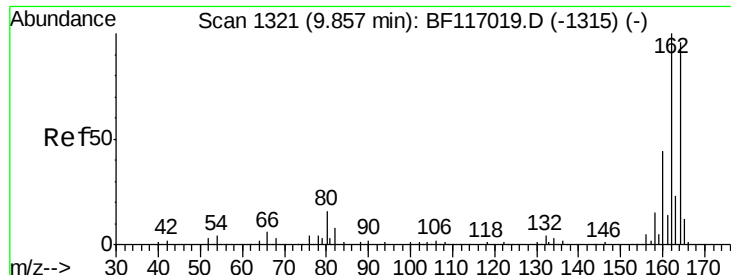
#23
Nitrobenzene-d5
Concen: 68.567 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

Tgt Ion: 82	Resp:	169434
Ion Ratio	Lower	Upper
82	100	
128	38.1	32.3 48.5
54	42.8	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: BF117178.D

Acq: 19 Sep 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

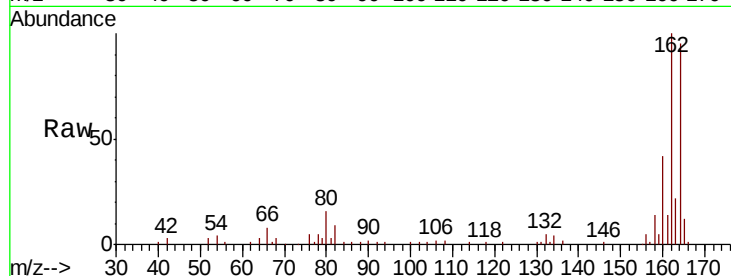
Tot Ion:164 Resp: 72333

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.2

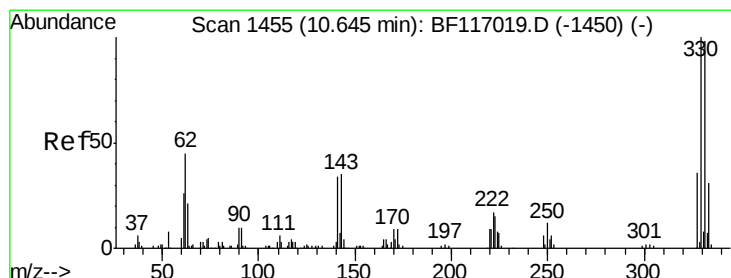
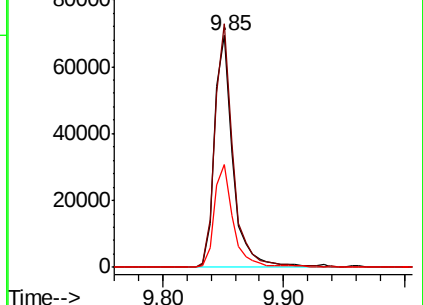
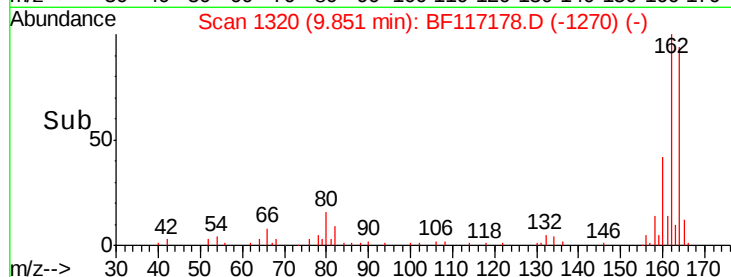
160 44.2 36.4 54.6



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: 118.502 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117178.D

Acq: 19 Sep 2019 16:55

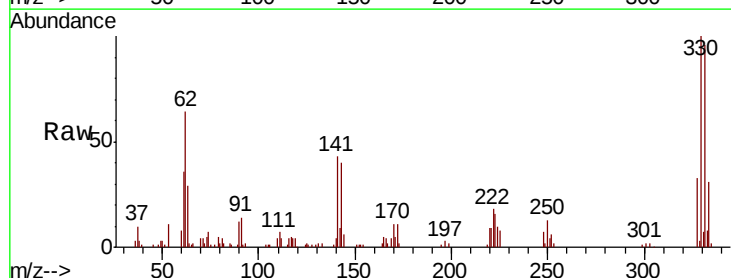
Tgt Ion:330 Resp: 71639

Ion Ratio Lower Upper

330 100

332 92.5 78.0 117.0

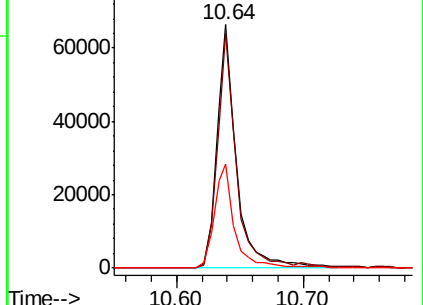
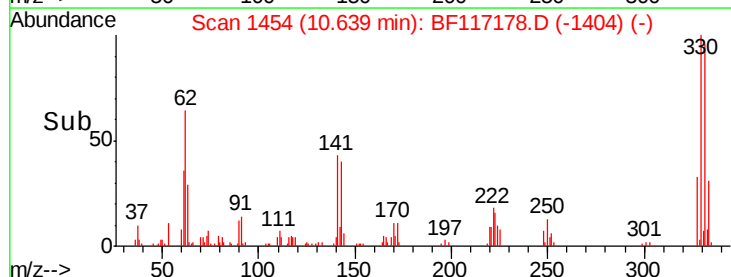
141 44.5 35.8 53.6

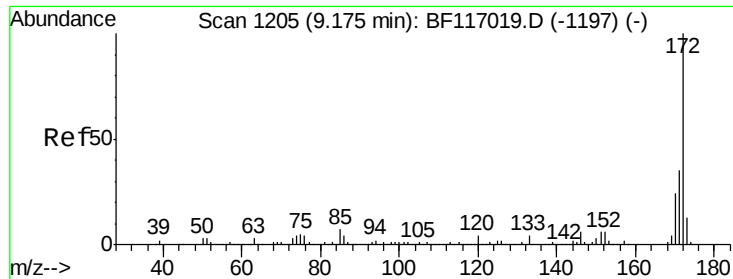


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

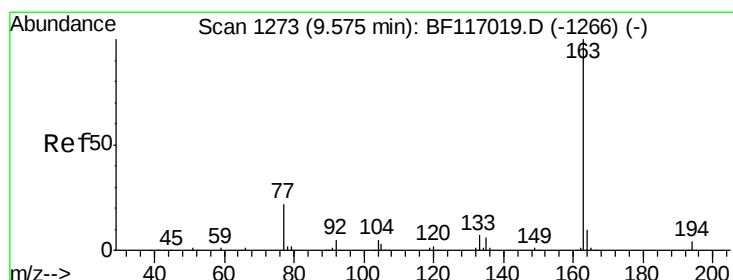
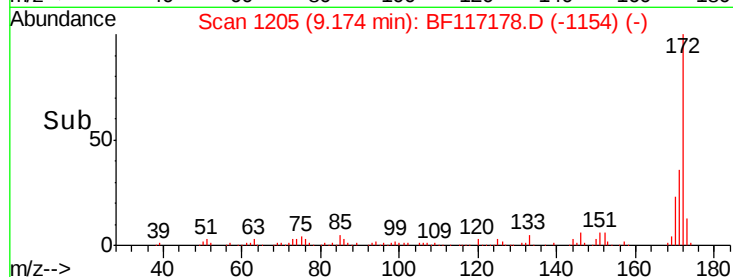
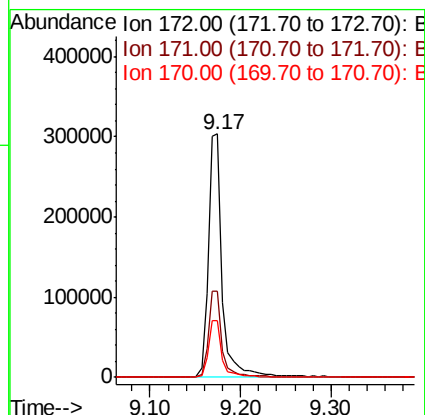
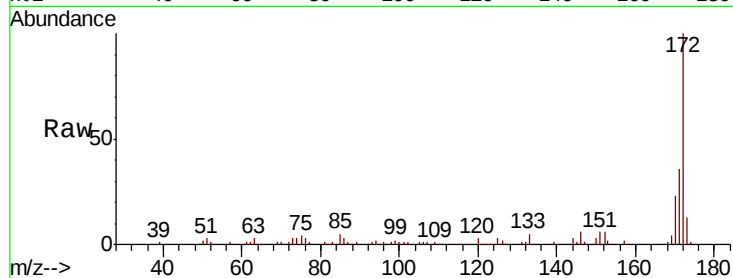




#45
2-Fluorobiphenyl
Concen: 71.404 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

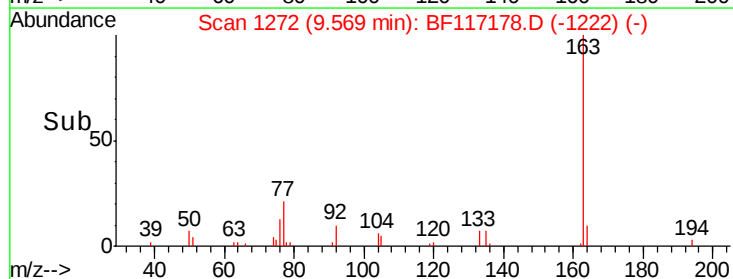
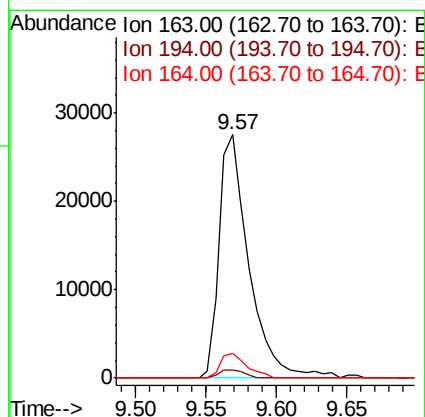
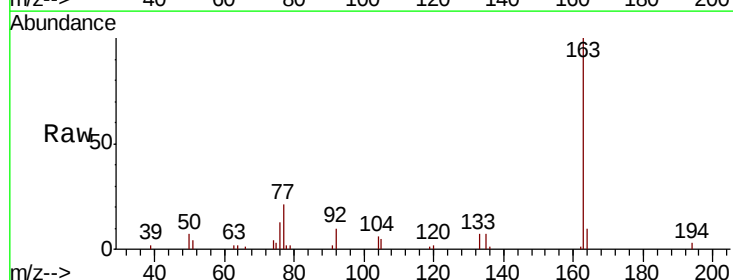
Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

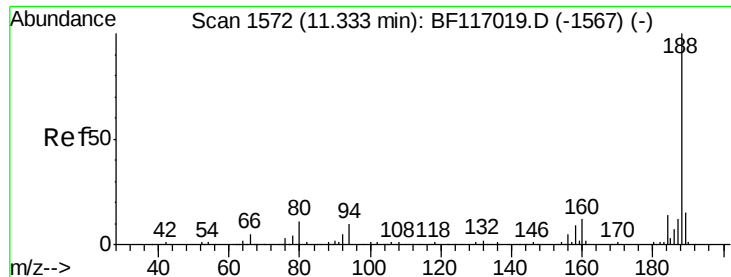
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.4	18.9	28.3



#50
Dimethylphthalate
Concen: 7.909 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117178.D
Acq: 19 Sep 2019 16:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.1	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: BF117178.D

Acq: 19 Sep 2019 16:55

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

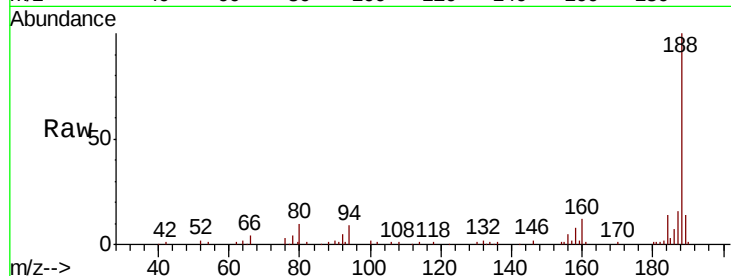
Tot Ion:188 Resp: 127281

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

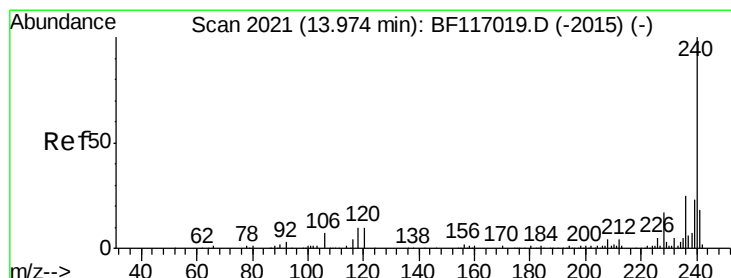
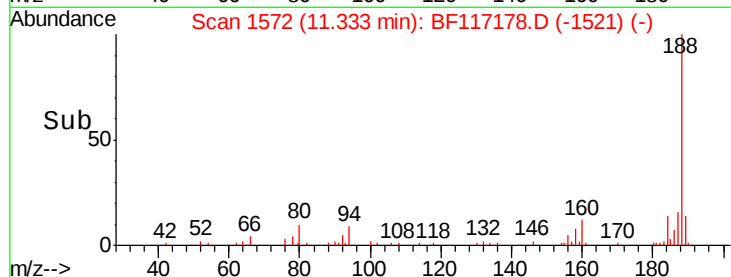
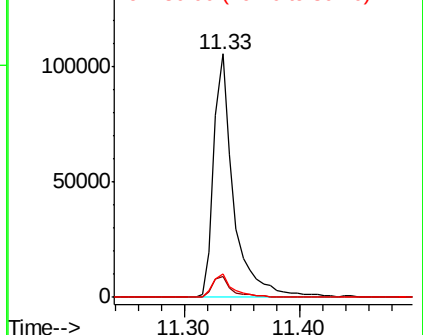
80 9.5 9.0 13.6



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: BF117178.D

Acq: 19 Sep 2019 16:55

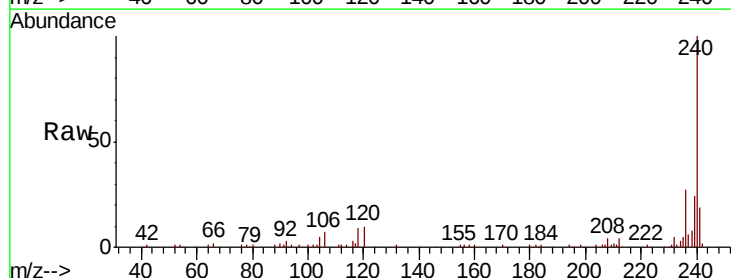
Tgt Ion:240 Resp: 107493

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

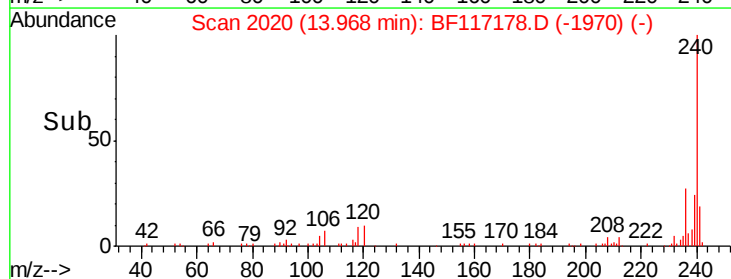
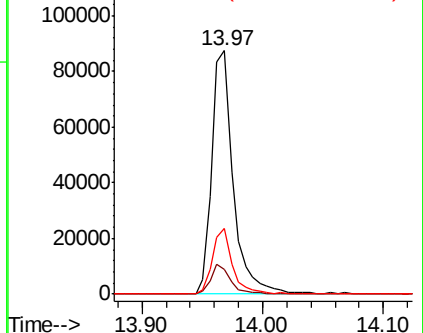
236 27.0 20.3 30.5

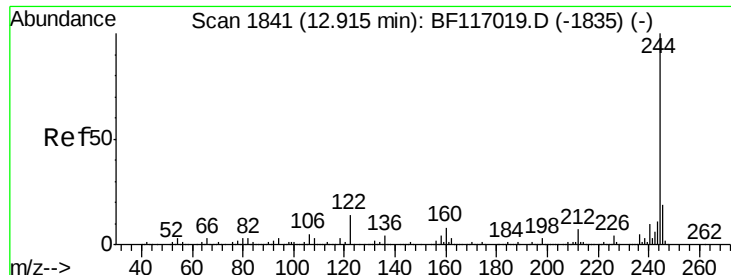


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

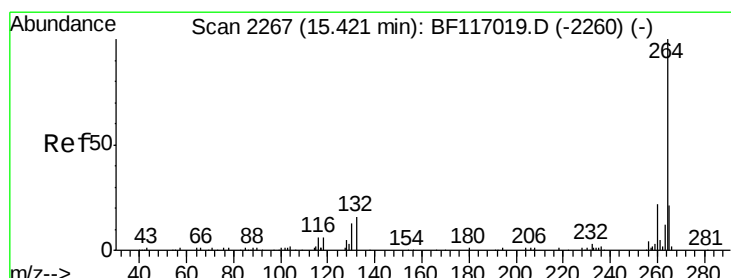
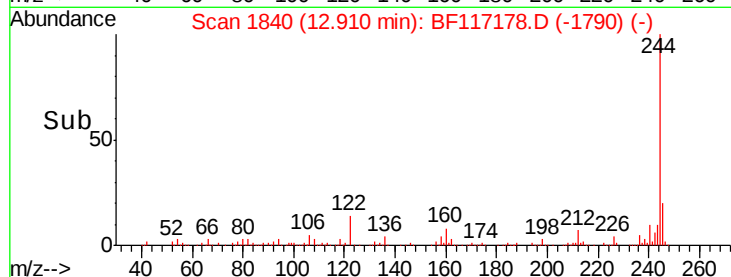
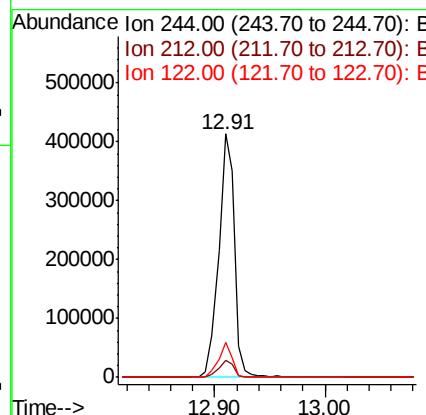
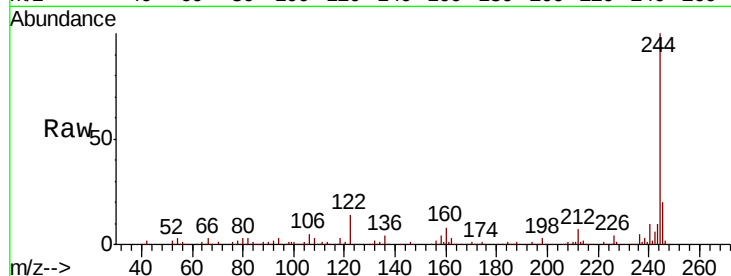




#79
 Terphenyl-d14
 Concen: 70.190 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117178.D
 Acq: 19 Sep 2019 16:55

Instrument :
 BNA_F
 ClientSampleID :
 SB-33-COMP

Tot Ion:244 Resp: 403640
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 14.2 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117178.D
 Acq: 19 Sep 2019 16:55

Tgt Ion:264 Resp: 97771
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.6 26.4
 265 20.6 16.6 24.8

