

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117308.D
 Acq On : 2 Oct 2019 19:08
 Operator : JU
 Sample : K4946-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-1 (1-3)RE

Quant Time: Oct 03 03:03:56 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

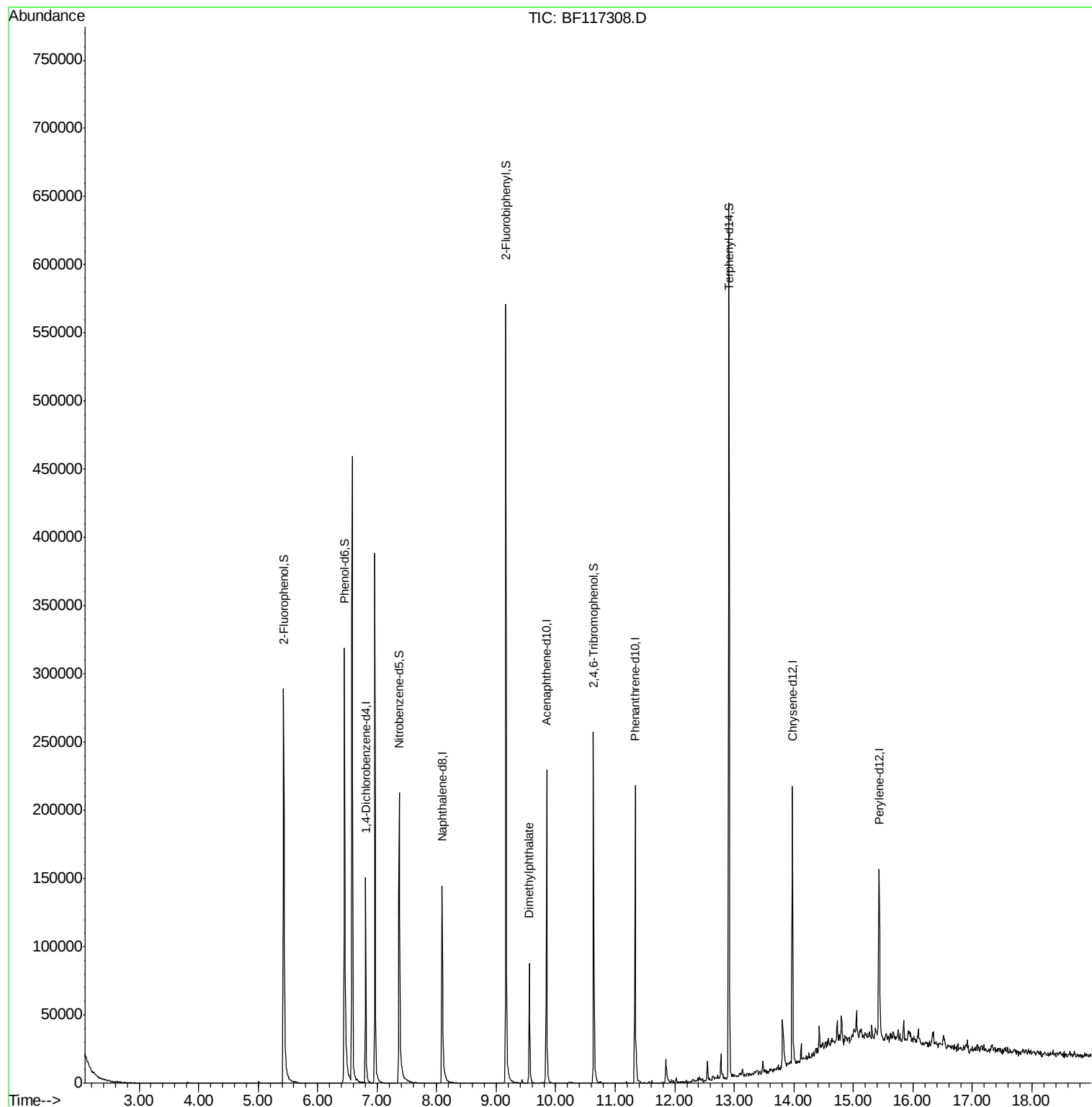
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	25567	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	102494	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	57474	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	97382	20.00	ng	0.00
76) Chrysene-d12	13.97	240	67742	20.00	ng	0.00
87) Perylene-d12	15.43	264	55491	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	106782	65.21	ng	-0.01
7) Phenol-d6	6.45	99	154931	73.21	ng	-0.01
23) Nitrobenzene-d5	7.37	82	103610	53.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	34018	70.82	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	191291	52.04	ng	-0.01
79) Terphenyl-d14	12.91	244	194107	53.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	39416	9.686	ng	Qvalue 99

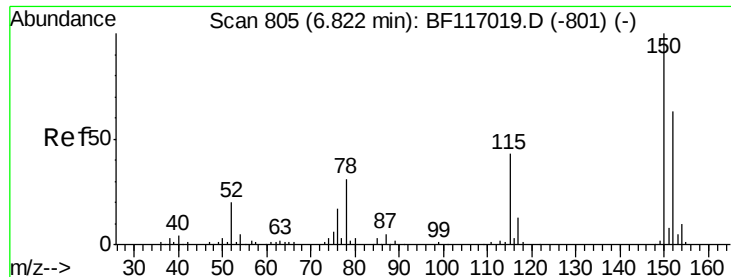
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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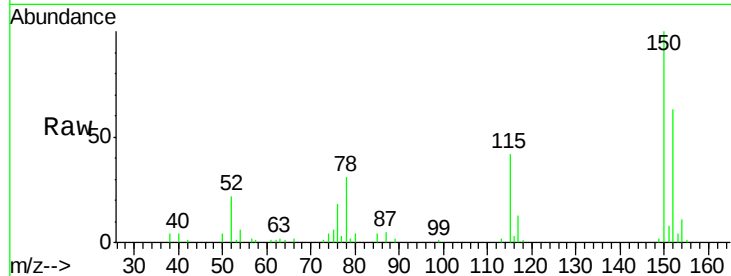


#1

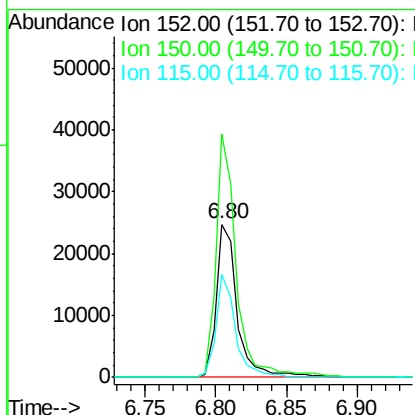
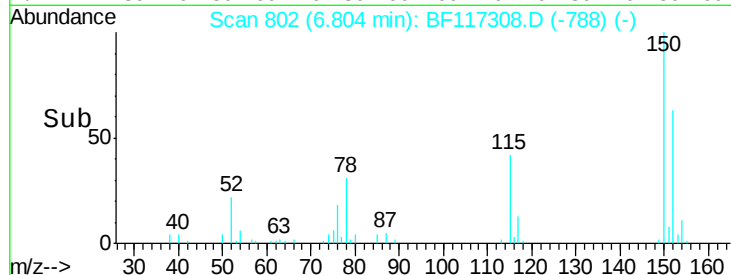
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampled :
GP-1 (1-3)RE

Tot Ion:152 Resp: 25567
Ion Ratio Lower Upper
152 100
150 158.8 127.5 191.3
115 67.1 55.0 82.4



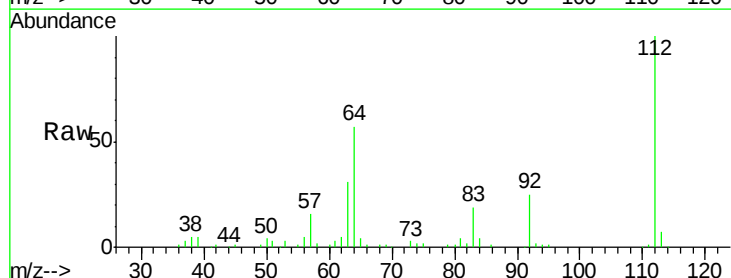
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



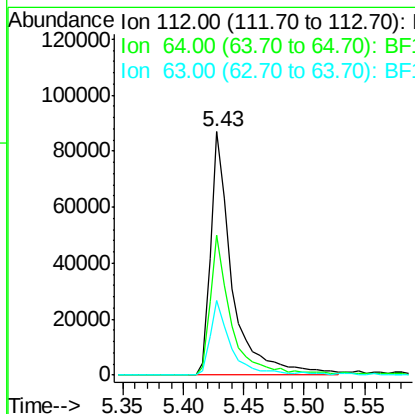
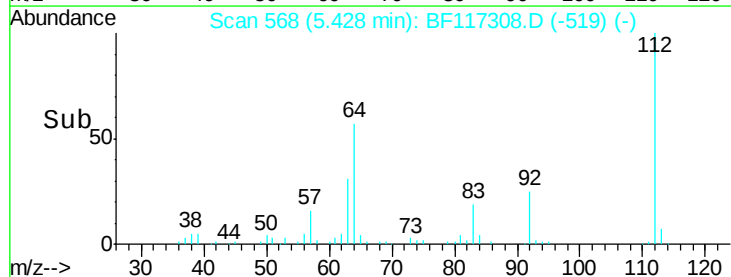
#5

2-Fluorophenol
Concen: 65.206 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:112 Resp: 106782
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.6 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: 73.206 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

Instrument :

BNA_F

ClientSampleId :

GP-1 (1-3)RE

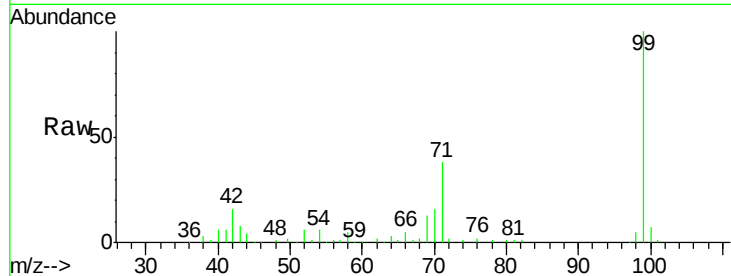
Tot Ion: 99 Resp: 154931

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

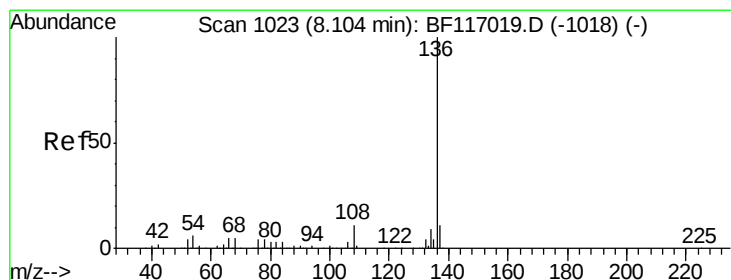
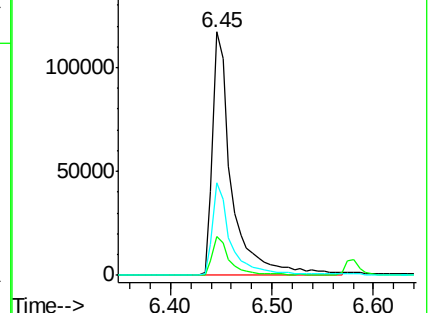
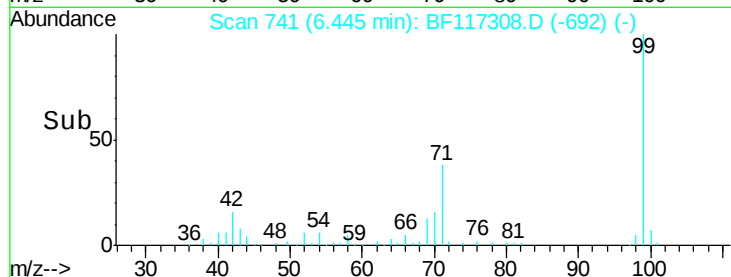
71 38.2 29.8 44.8



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: BF117308.D

Acq: 2 Oct 2019 19:08

Tgt Ion: 136 Resp: 102494

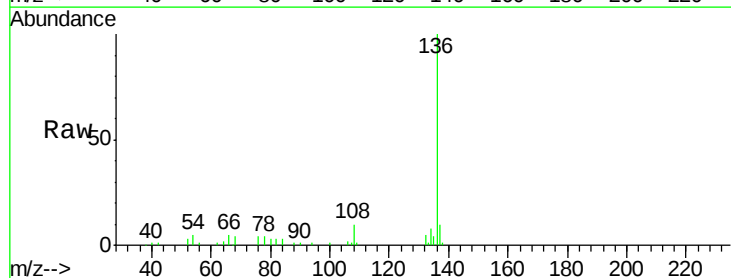
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.4 4.5 6.7

68 3.9 4.0 6.0#

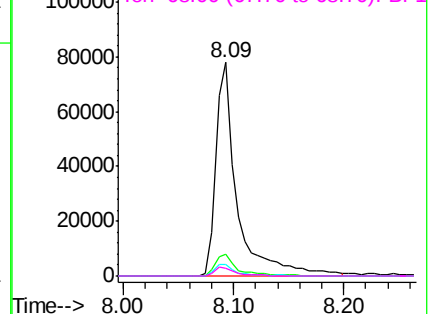
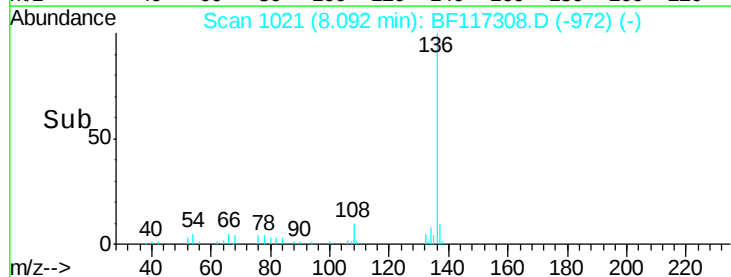


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.115 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

Instrument :

BNA_F

ClientSampleId :

GP-1 (1-3)RE

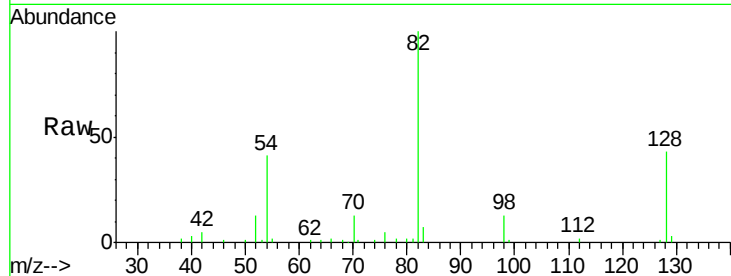
Tot Ion: 82 Resp: 103610

Ion Ratio Lower Upper

82 100

128 42.9 32.3 48.5

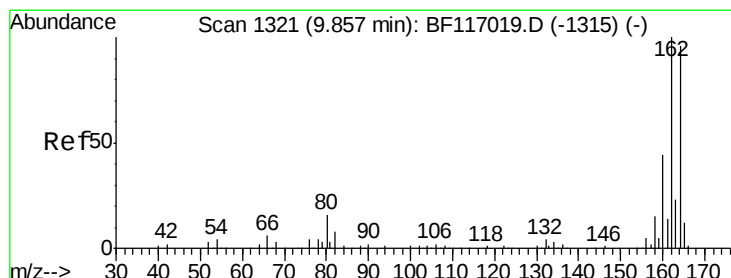
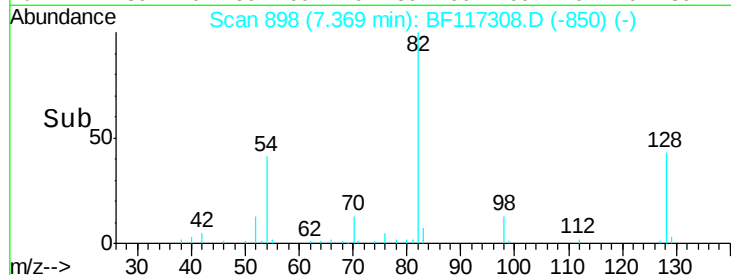
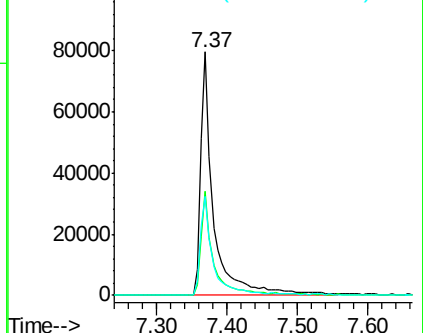
54 40.5 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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: BF117308.D

Acq: 2 Oct 2019 19:08

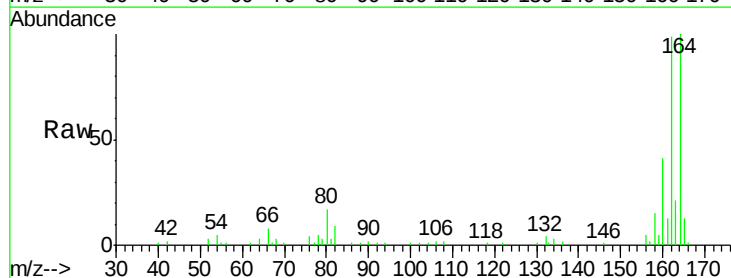
Tgt Ion:164 Resp: 57474

Ion Ratio Lower Upper

164 100

162 99.1 83.4 125.2

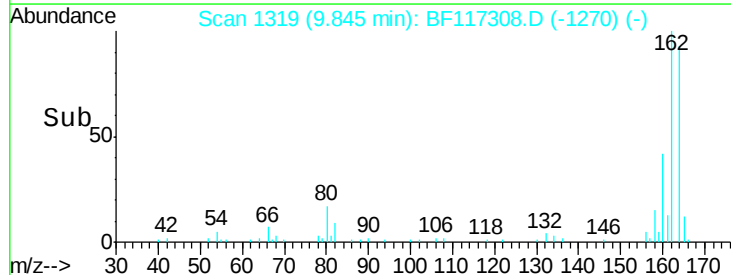
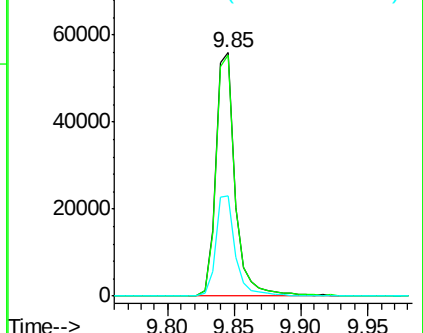
160 41.4 36.4 54.6

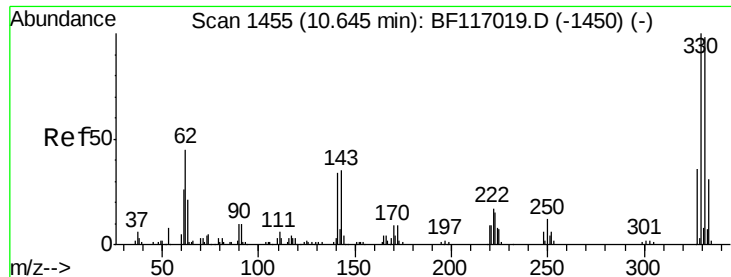


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 70.819 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

Instrument :

BNA_F

ClientSampleId :

GP-1 (1-3)RE

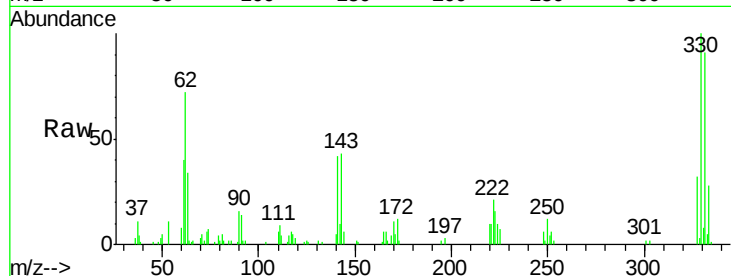
Tot Ion:330 Resp: 34018

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

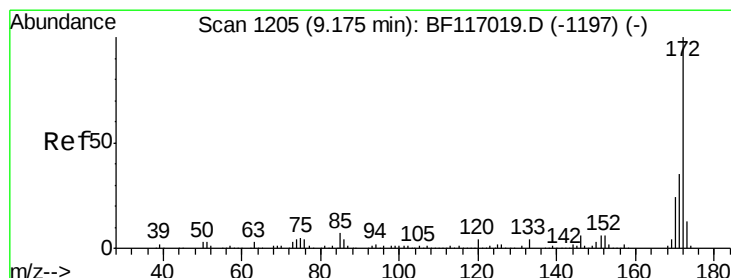
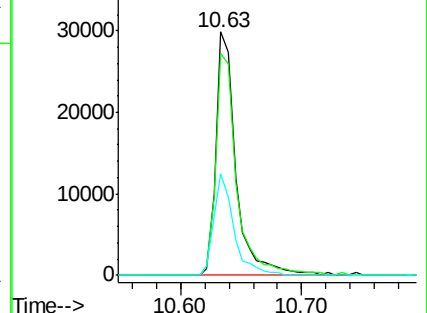
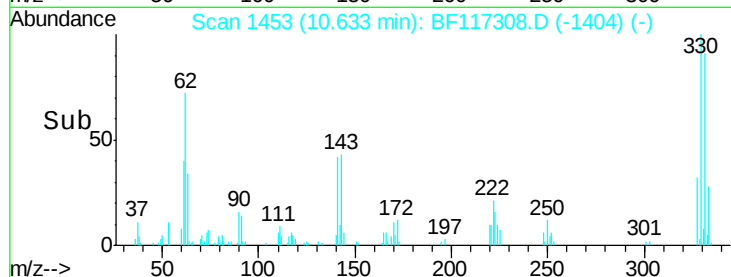
141 41.9 35.8 53.6



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: 52.041 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

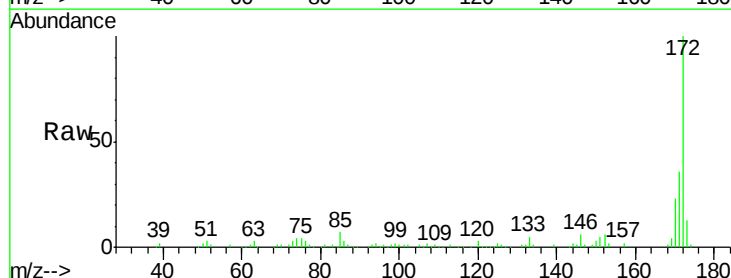
Tgt Ion:172 Resp: 191291

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

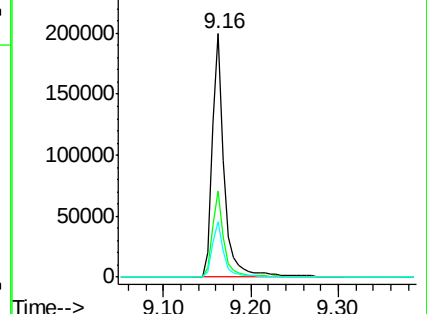
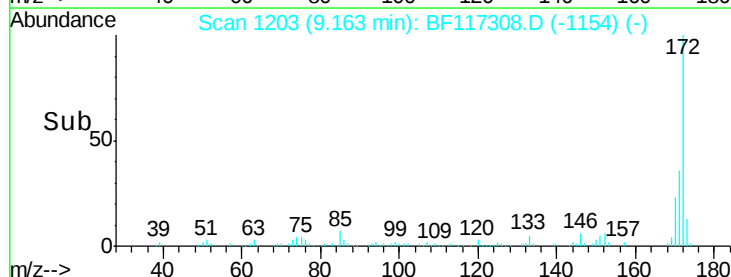
170 22.8 18.9 28.3



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

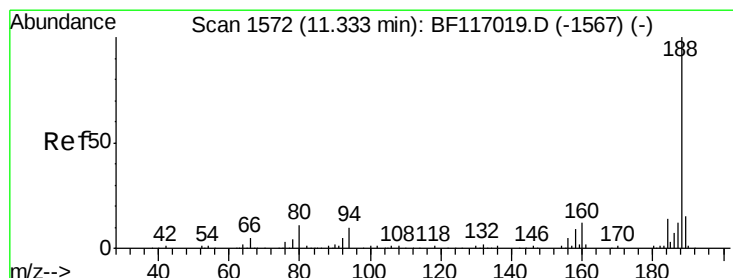
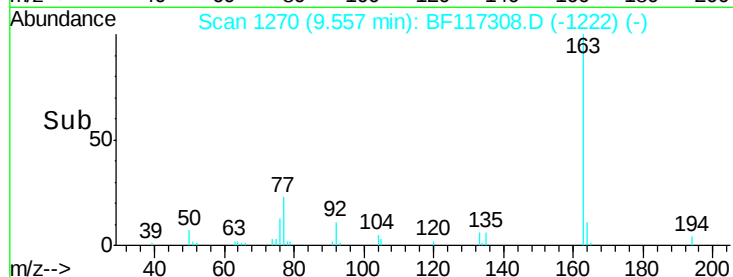
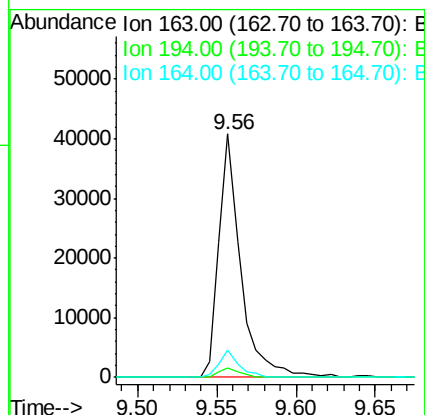
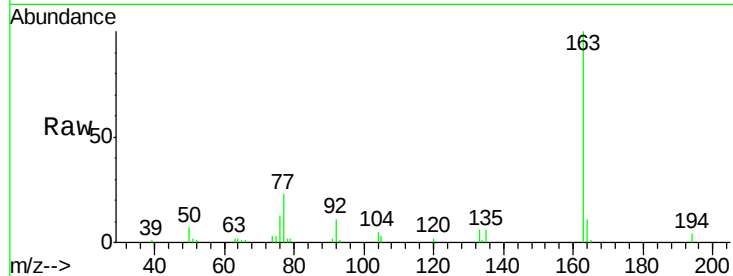




#50
Dimethylphthalate
Concen: 9.686 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

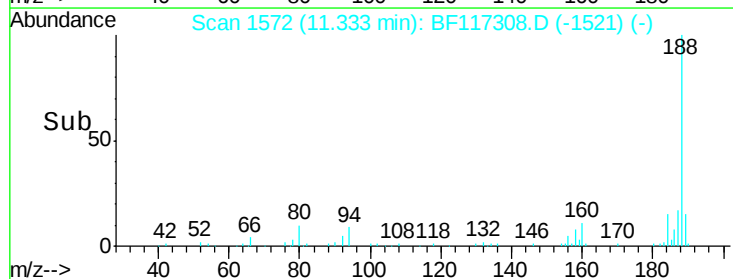
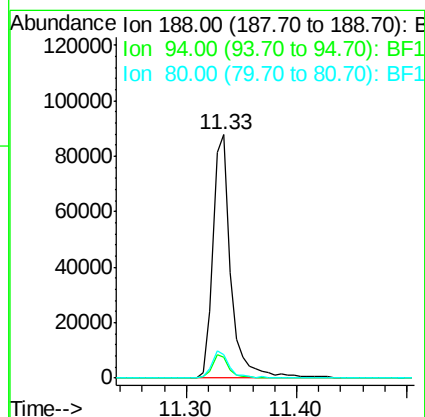
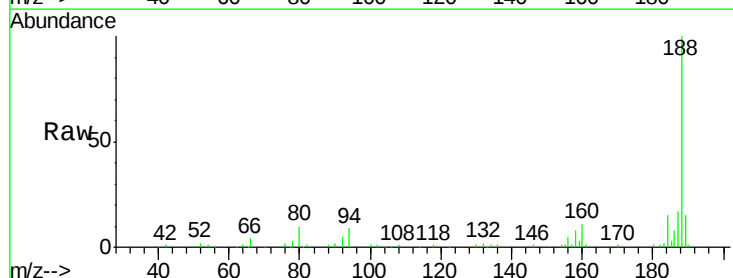
Instrument :
BNA_F
ClientSampleId :
GP-1 (1-3)RE

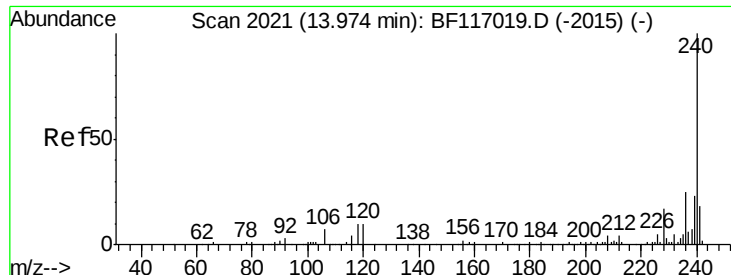
Tot Ion:163 Resp: 39416
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 11.0 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:188 Resp: 97382
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.7 9.0 13.6

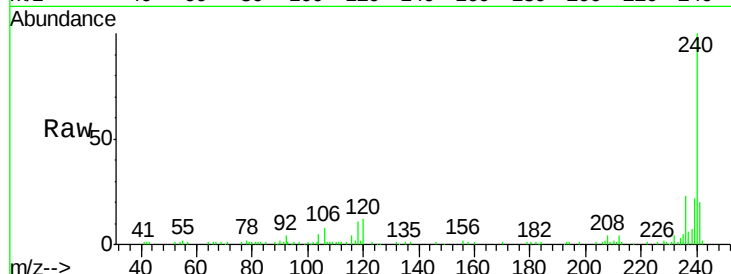




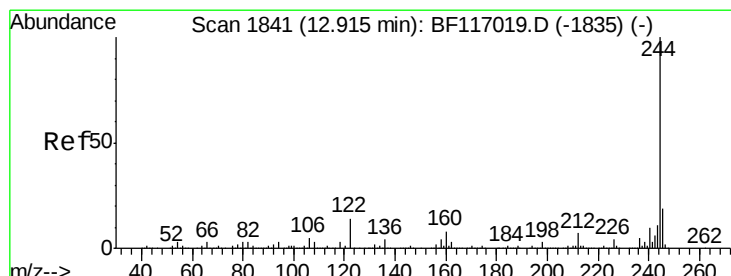
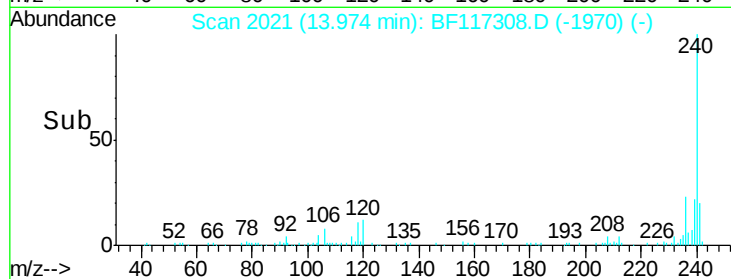
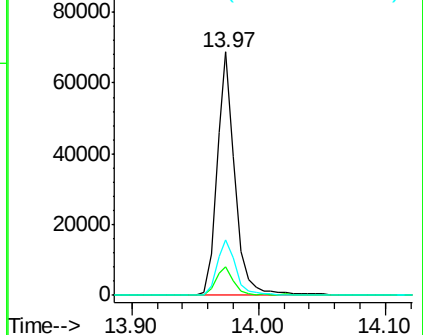
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :
GP-1 (1-3)RE

Tot Ion:240 Resp: 67742
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 23.0 20.3 30.5

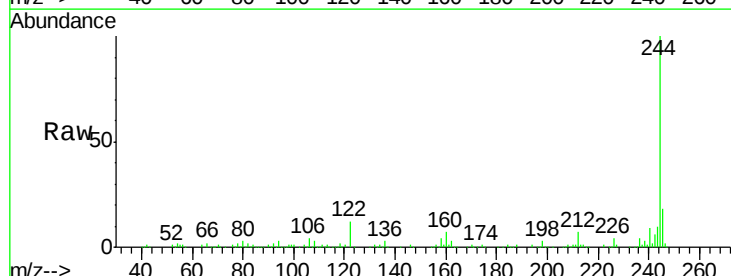


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

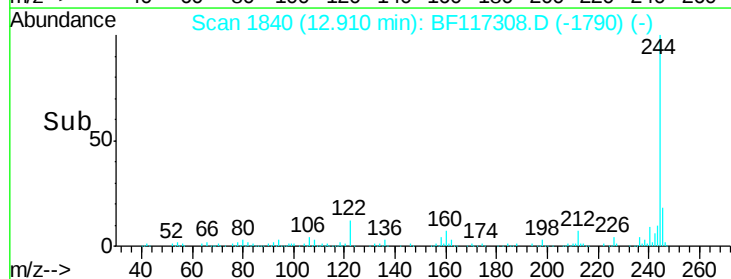
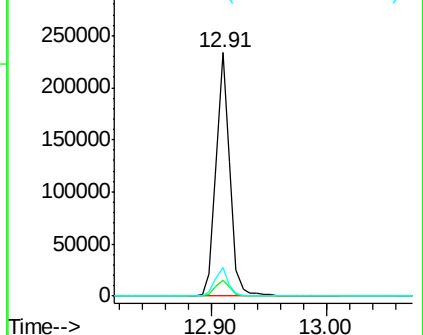


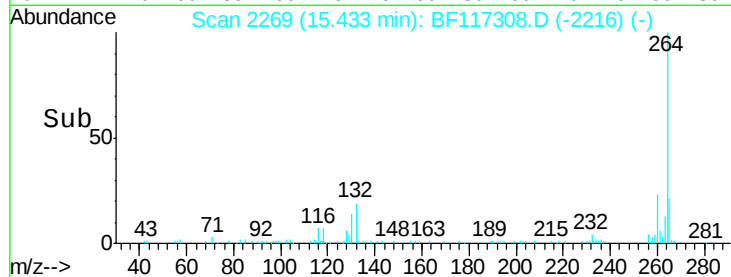
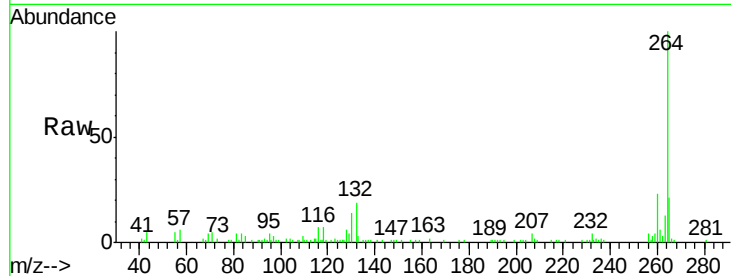
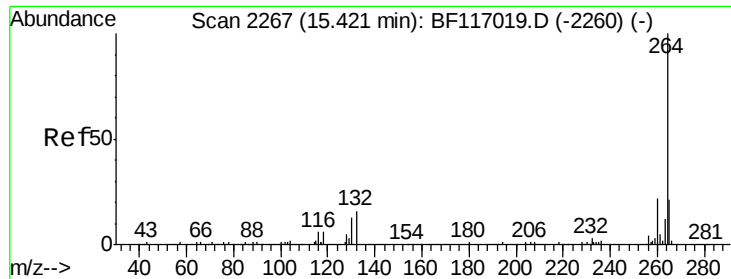
#79
Terphenyl-d14
Concen: 53.560 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:244 Resp: 194107
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 11.8 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: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117308.D
 Acq: 2 Oct 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :
 GP-1 (1-3)RE

Tot Ion:	264	Resp:	55491
Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	20.5	16.6	24.8

