

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118367.D
 Acq On : 28 Dec 2019 16:09
 Operator : JU
 Sample : K6434-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Quant Time: Dec 29 07:35:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

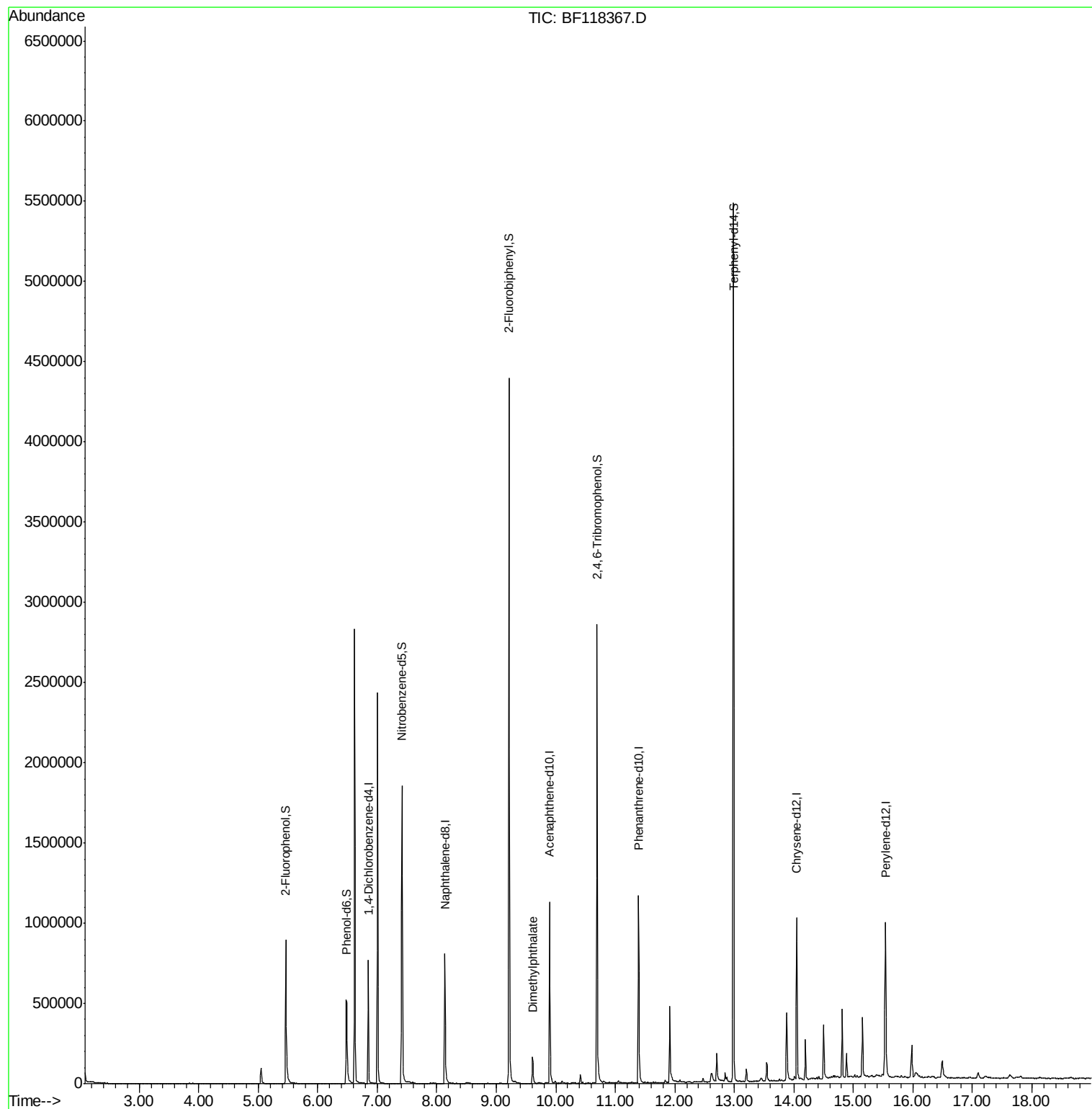
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108996	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	422412	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	226789	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	432723	20.00	ng	0.00
76) Chrysene-d12	14.04	240	351197	20.00	ng	0.00
87) Perylene-d12	15.54	264	341466	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	324086	50.76	ng	0.00
7) Phenol-d6	6.48	99	248795	31.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	642570	87.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	400771	143.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1311928	88.30	ng	0.00
79) Terphenyl-d14	12.99	244	1871158	88.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	80017	4.700	ng	Qvalue 99

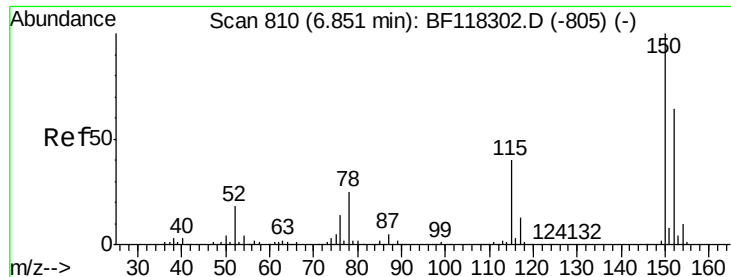
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

GW-2

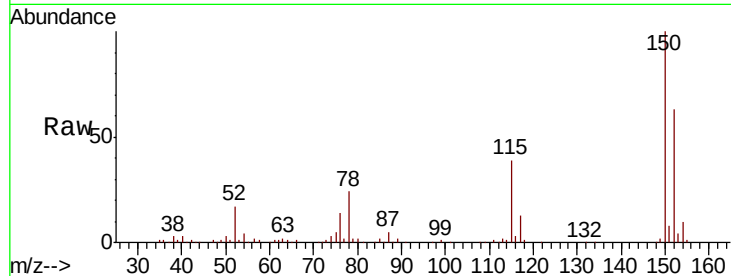
Tot Ion:152 Resp: 108996

Ion Ratio Lower Upper

152 100

150 157.8 125.4 188.2

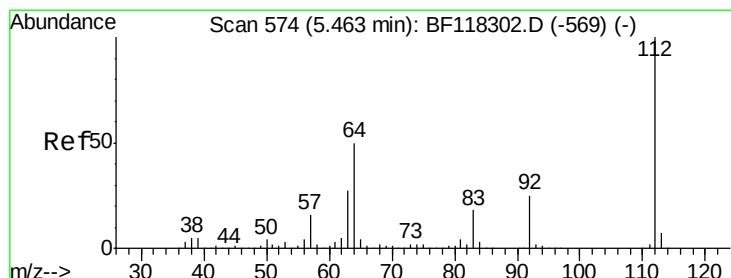
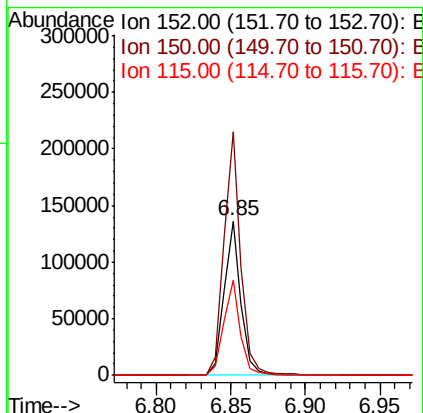
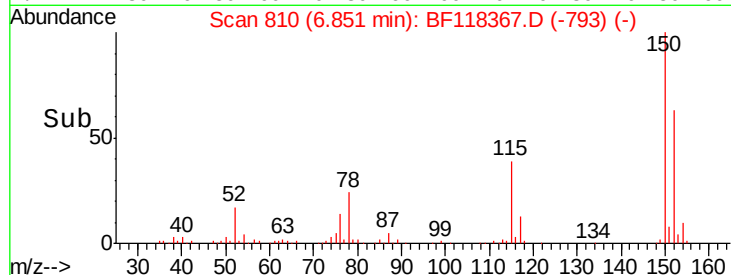
115 61.3 50.2 75.4



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: 50.755 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

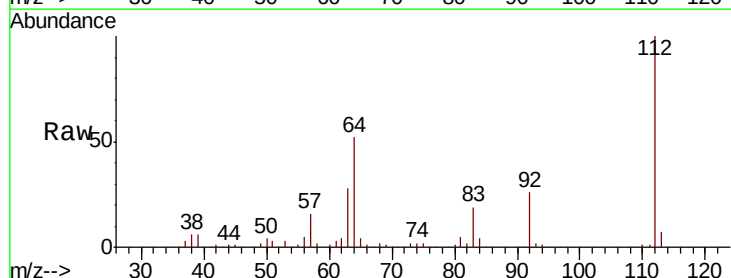
Tgt Ion:112 Resp: 324086

Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

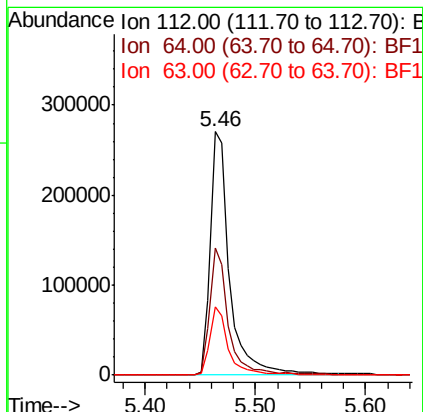
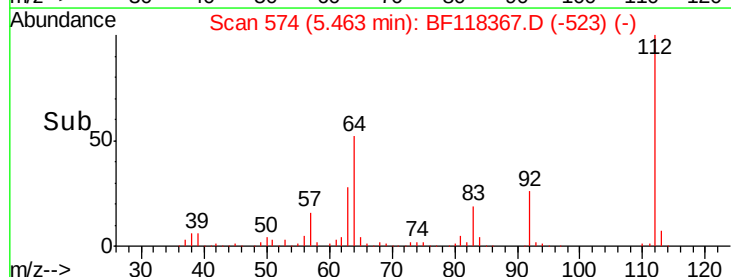
63 28.1 21.7 32.5

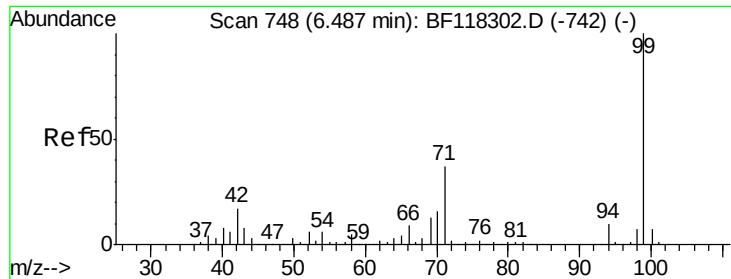


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.409 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

Instrument :

BNA_F

ClientSampled :

GW-2

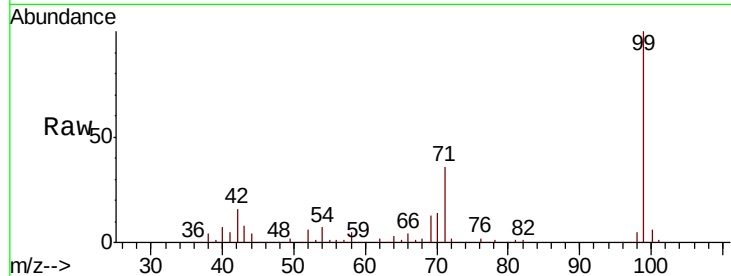
Tot Ion: 99 Resp: 248795

Ion Ratio Lower Upper

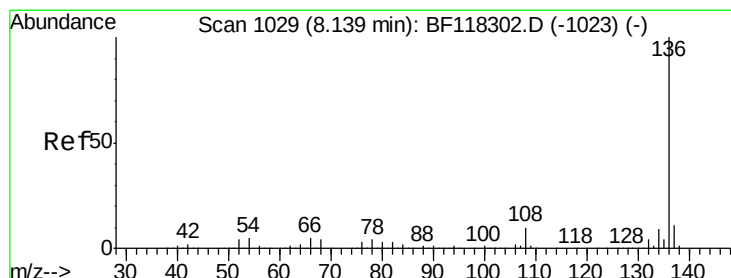
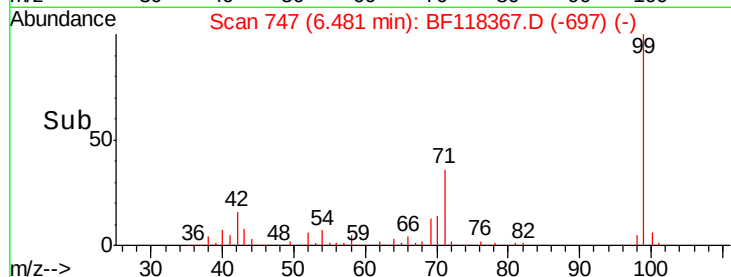
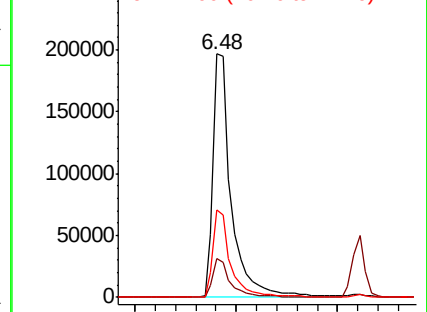
99 100

42 16.0 13.5 20.3

71 36.0 29.4 44.2



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: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

Tgt Ion: 136 Resp: 422412

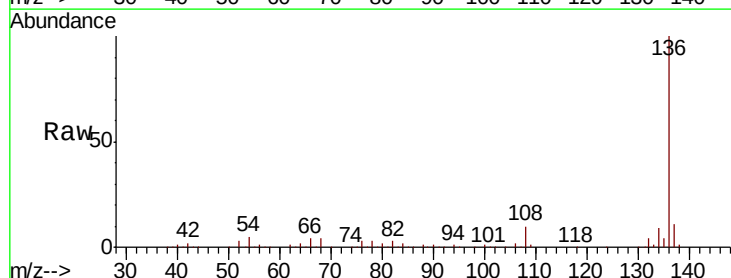
Ion Ratio Lower Upper

136 100

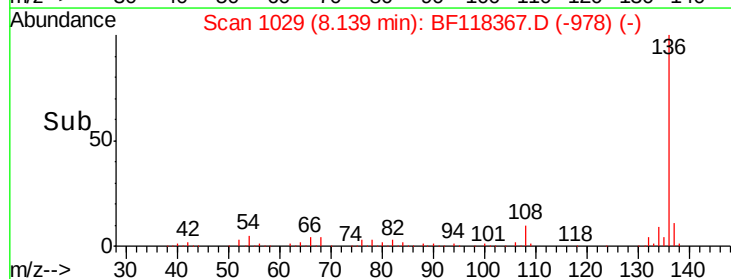
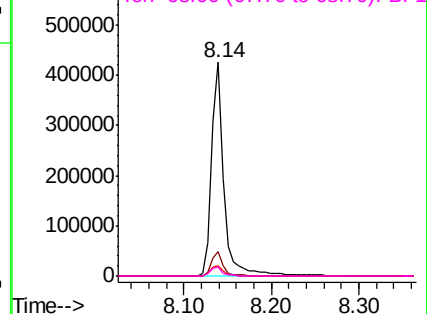
137 11.2 8.9 13.3

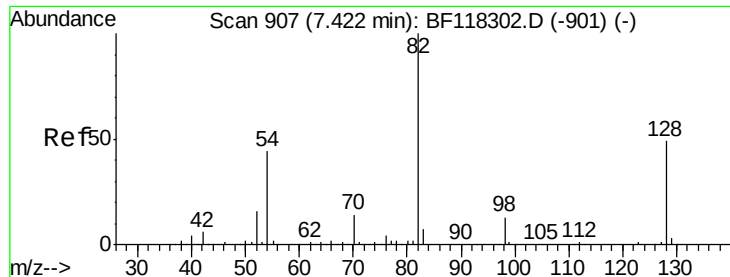
54 5.0 4.2 6.4

68 4.2 3.5 5.3



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

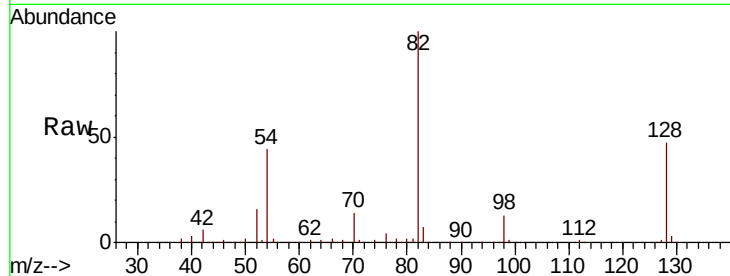




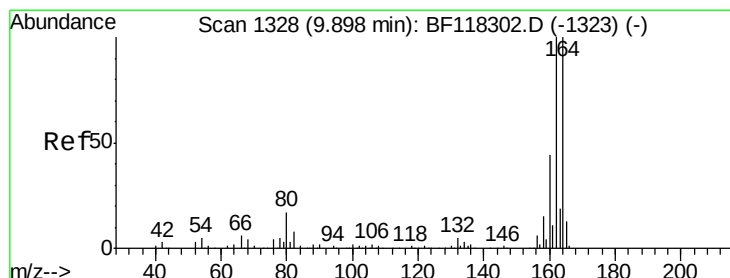
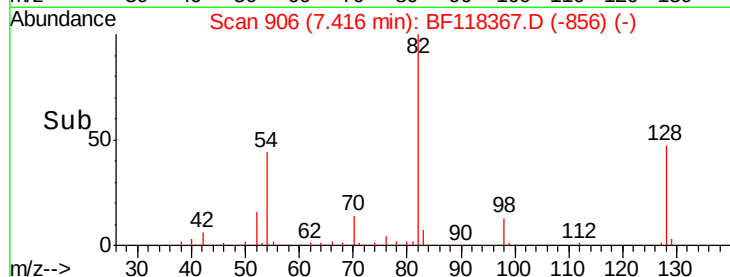
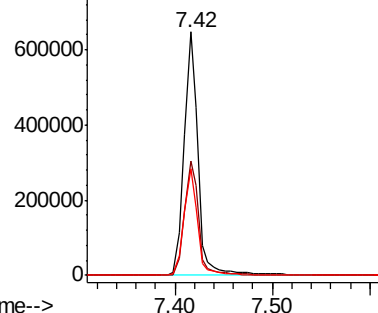
#23
Nitrobenzene-d5
Concen: 87.004 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118367.D
Acq: 28 Dec 2019 16:09

Instrument :
BNA_F
ClientSampled :
GW-2

Tot Ion: 82 Resp: 642570
Ion Ratio Lower Upper
82 100
128 47.2 39.6 59.4
54 44.1 34.9 52.3

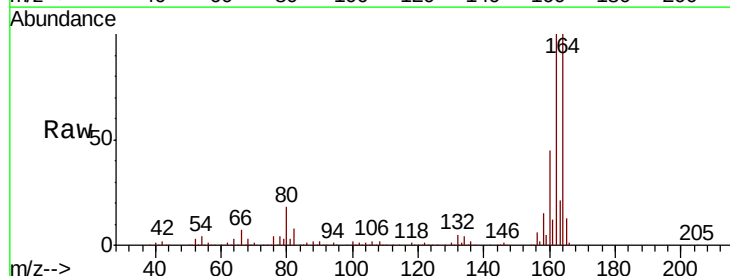


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

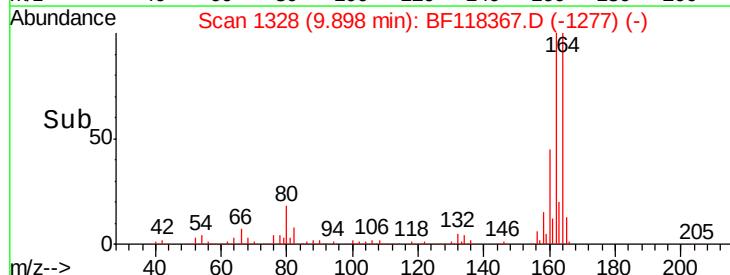
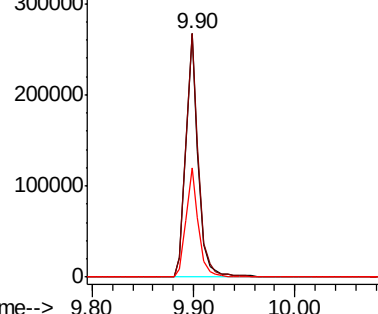


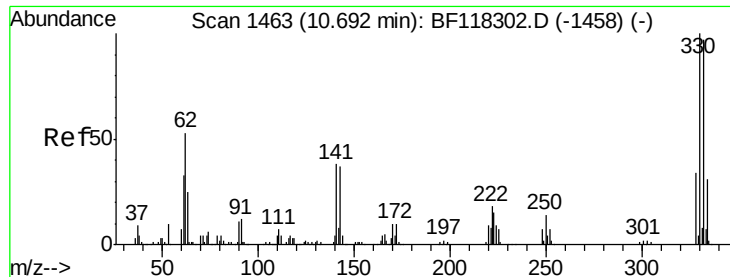
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118367.D
Acq: 28 Dec 2019 16:09

Tgt Ion:164 Resp: 226789
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 44.8 34.8 52.2



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

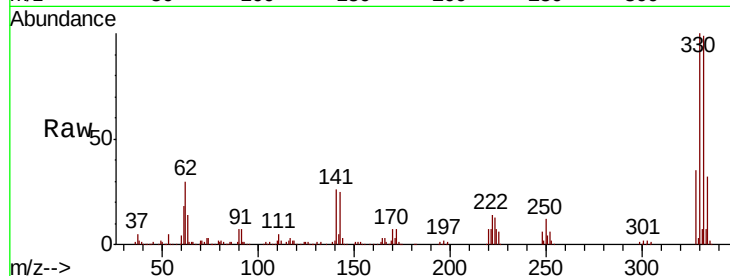




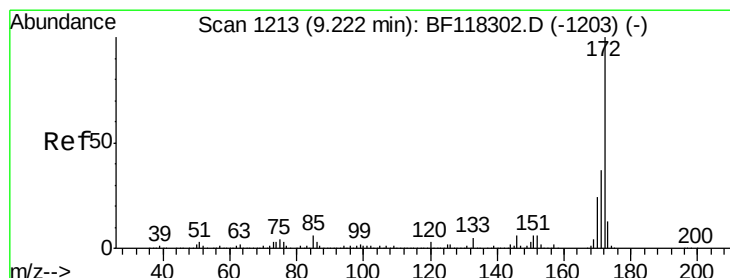
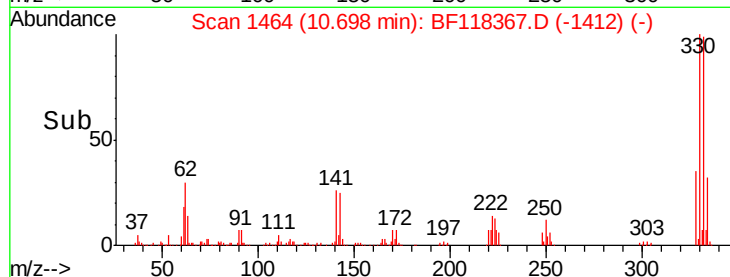
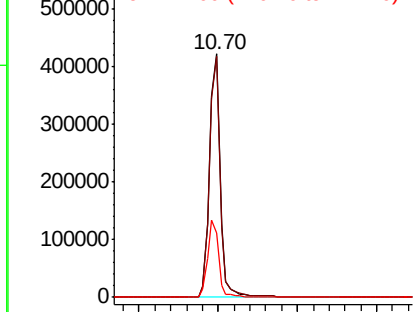
#42
 2,4,6-Tribromophenol
 Concen: 143.098 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118367.D
 Acq: 28 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion:330 Resp: 400771
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 33.0 26.0 39.0

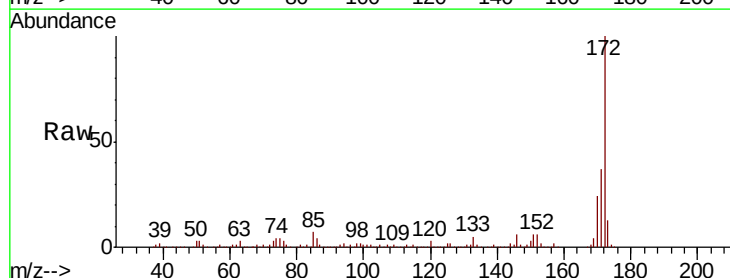


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

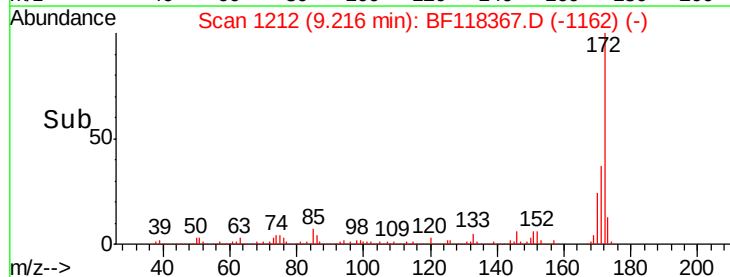
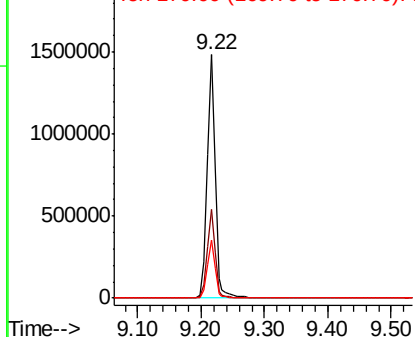


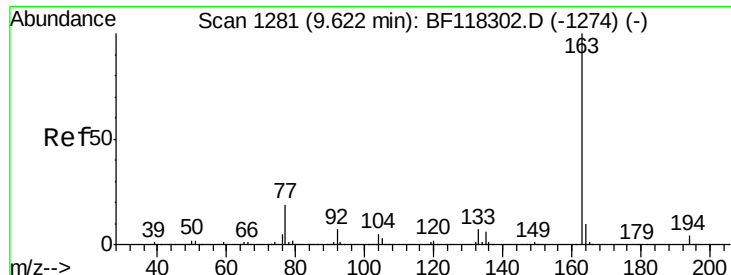
#45
 2-Fluorobiphenyl
 Concen: 88.303 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118367.D
 Acq: 28 Dec 2019 16:09

Tgt Ion:172 Resp: 1311928
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 23.7 19.2 28.8



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: 4.700 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

GW-2

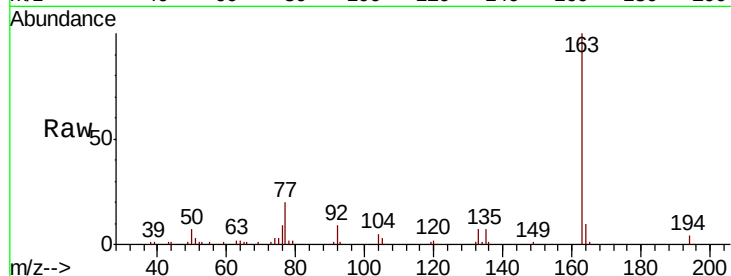
Tot Ion:163 Resp: 80017

Ion Ratio Lower Upper

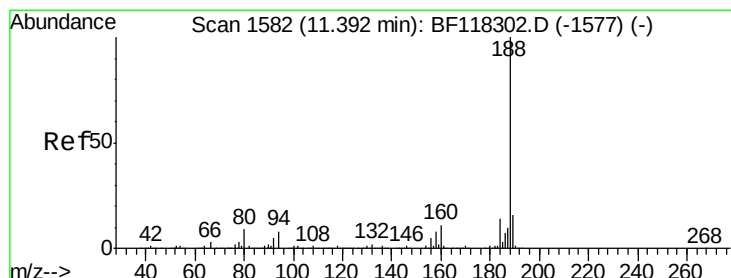
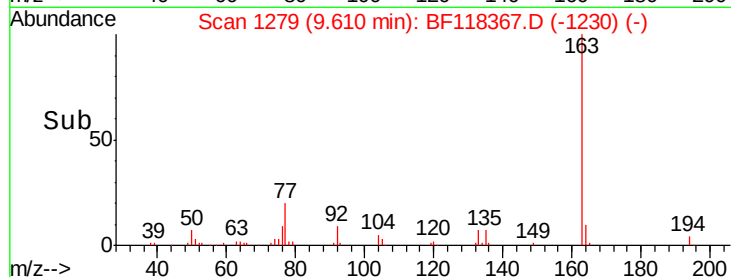
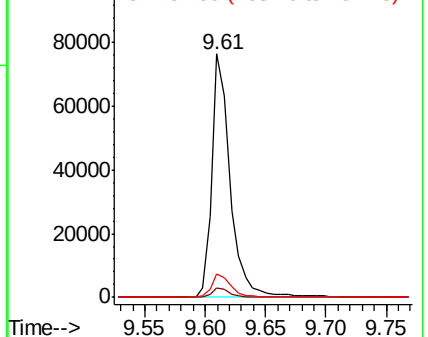
163 100

194 3.7 3.2 4.8

164 9.6 7.9 11.9



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: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

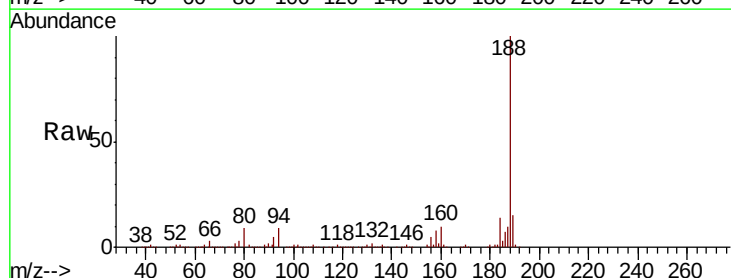
Tgt Ion:188 Resp: 432723

Ion Ratio Lower Upper

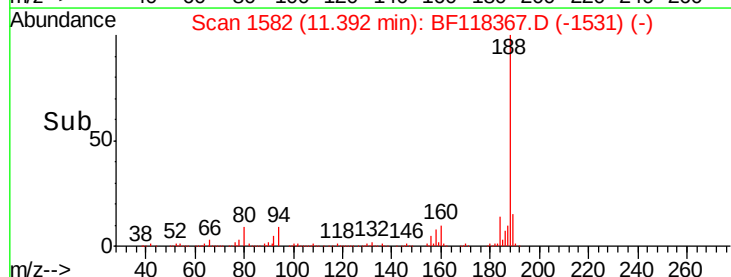
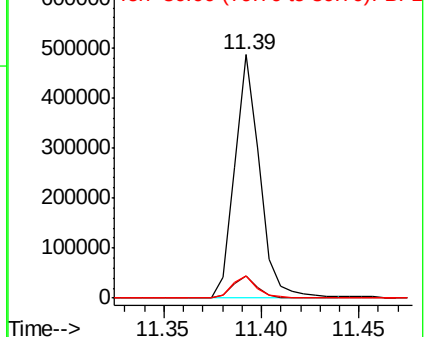
188 100

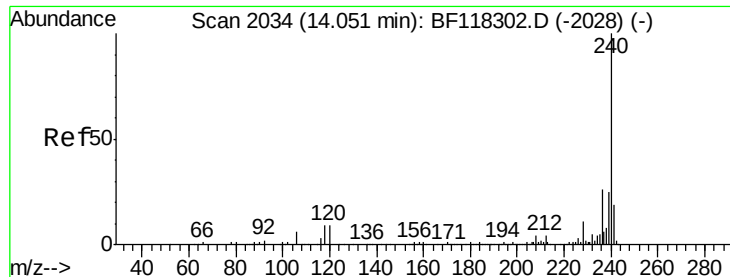
94 9.0 6.7 10.1

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

Instrument :

BNA_F

ClientSampleId :

GW-2

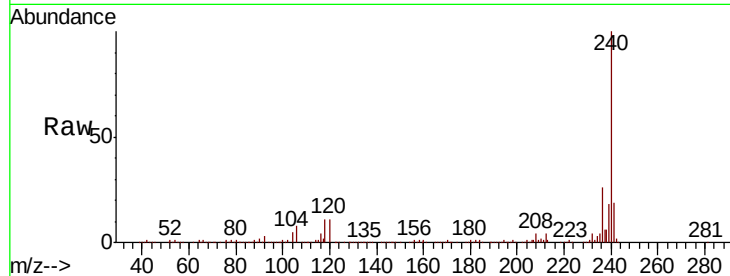
Tot Ion:240 Resp: 351197

Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

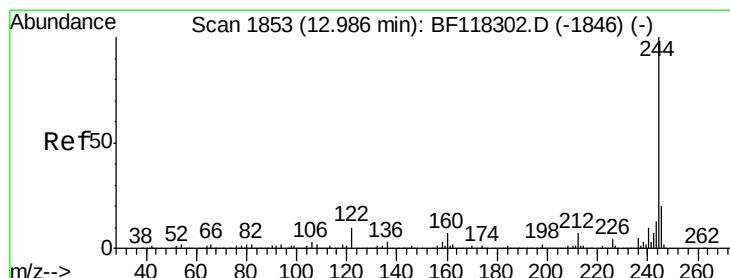
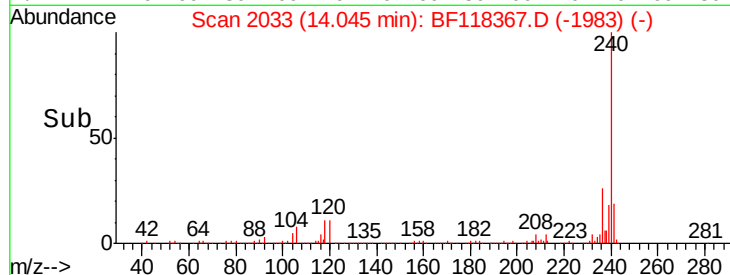
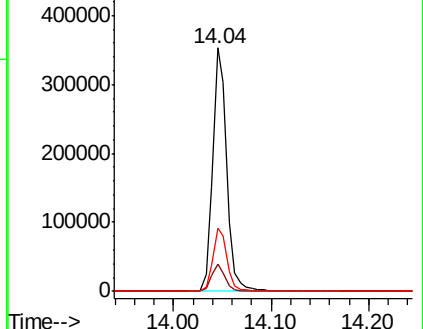
236 25.8 21.0 31.6



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: 88.392 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118367.D

Acq: 28 Dec 2019 16:09

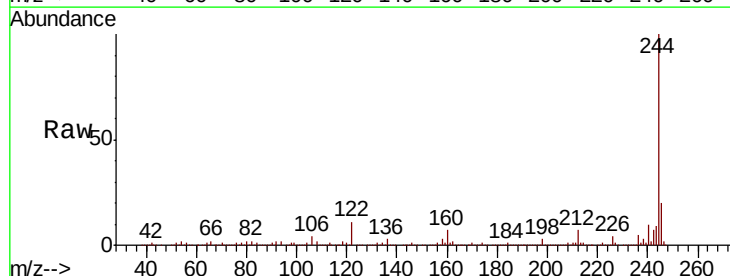
Tgt Ion:244 Resp: 1871158

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

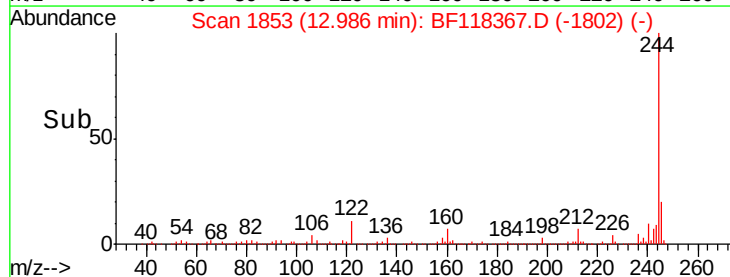
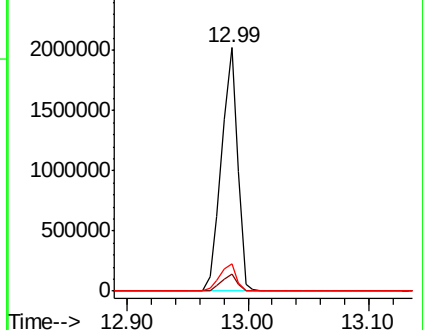
122 11.4 7.8 11.8

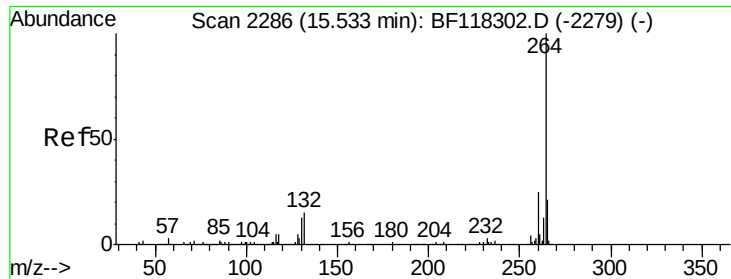


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF118367.D
 Acq: 28 Dec 2019 16:09

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	22.6	17.0	25.4

