

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118368.D
 Acq On : 28 Dec 2019 16:37
 Operator : JU
 Sample : K6434-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Quant Time: Dec 29 07:37:29 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

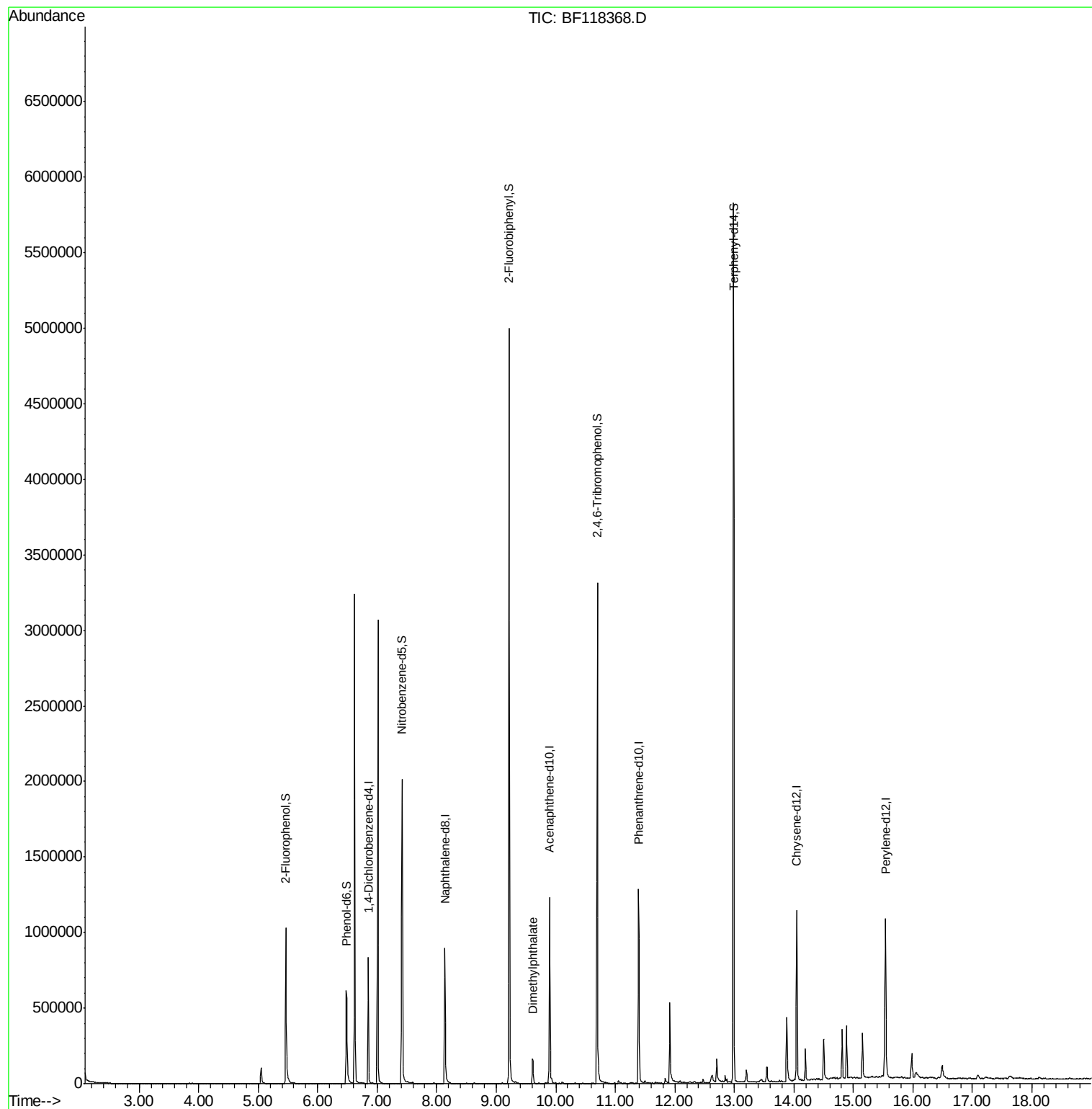
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	122525	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	480806	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	256755	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	507131	20.00	ng	0.00
76) Chrysene-d12	14.04	240	405219	20.00	ng	0.00
87) Perylene-d12	15.54	264	408256	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	368398	51.32	ng	0.00
7) Phenol-d6	6.48	99	274228	30.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	757423	90.10	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	470407	148.36	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1517537	90.22	ng	0.00
79) Terphenyl-d14	12.99	244	2114655	86.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	87206	4.525	ng	Qvalue 99

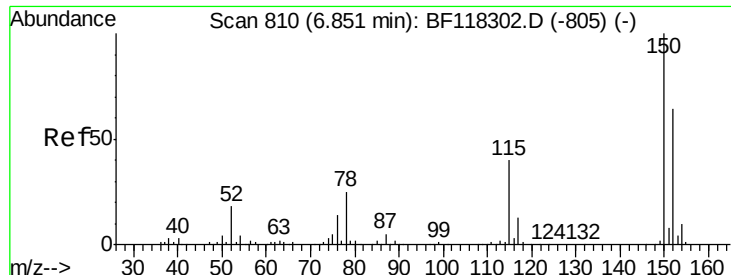
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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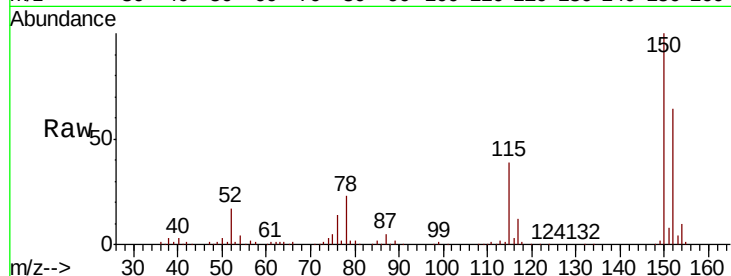


#1

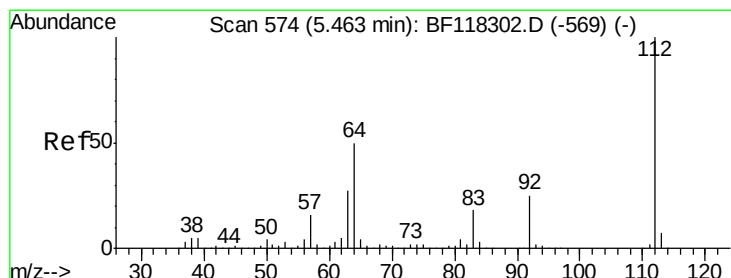
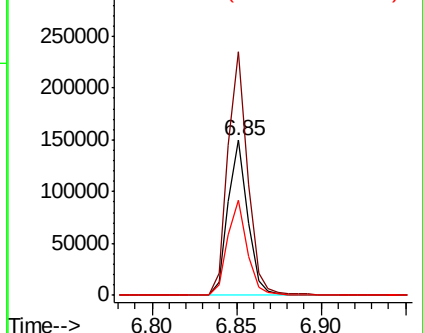
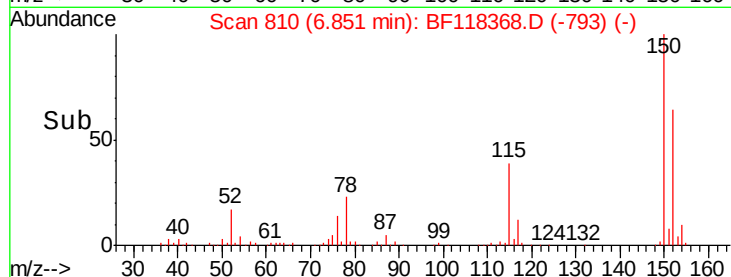
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118368.D
Acq: 28 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :
GW-1

Tot Ion:152 Resp: 122525
Ion Ratio Lower Upper
152 100
150 157.0 125.4 188.2
115 61.6 50.2 75.4



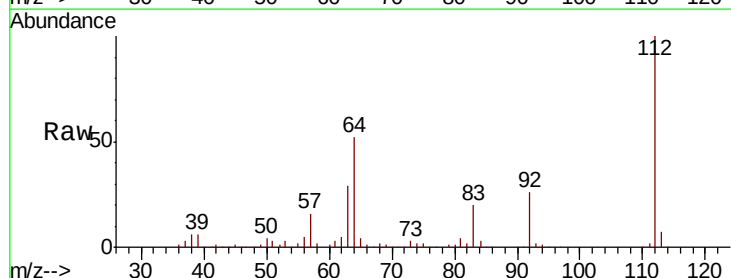
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



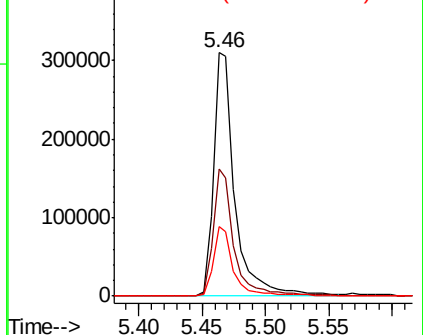
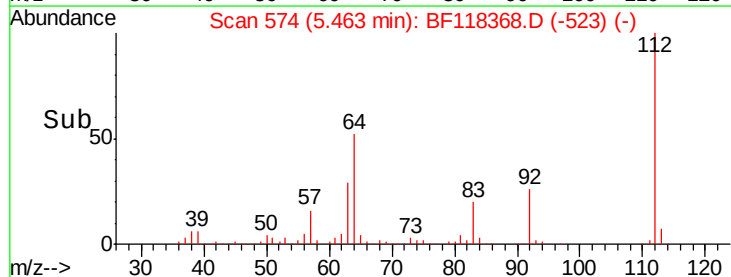
#5

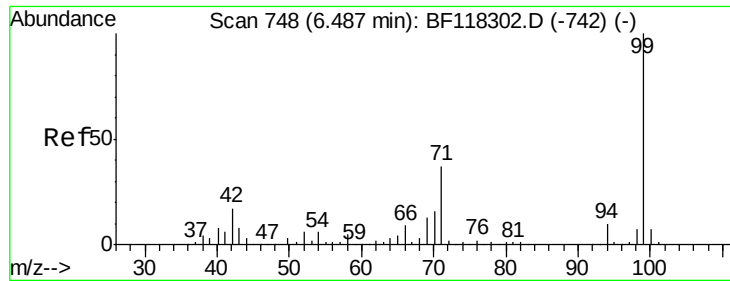
2-Fluorophenol
Concen: 51.324 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118368.D
Acq: 28 Dec 2019 16:37

Tgt Ion:112 Resp: 368398
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 28.7 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: 30.797 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118368.D

Acq: 28 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

GW-1

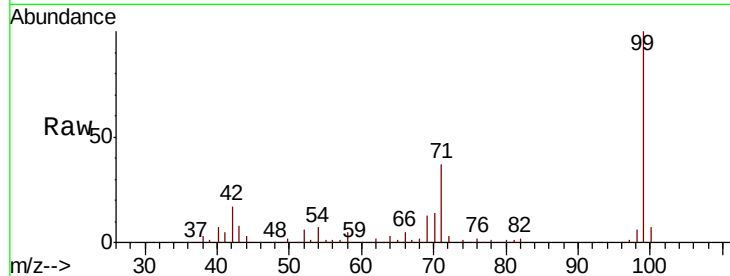
Tot Ion: 99 Resp: 274228

Ion Ratio Lower Upper

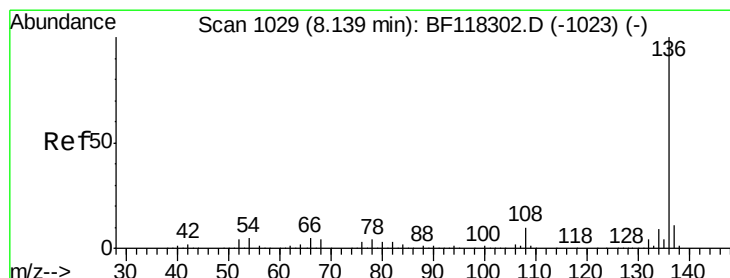
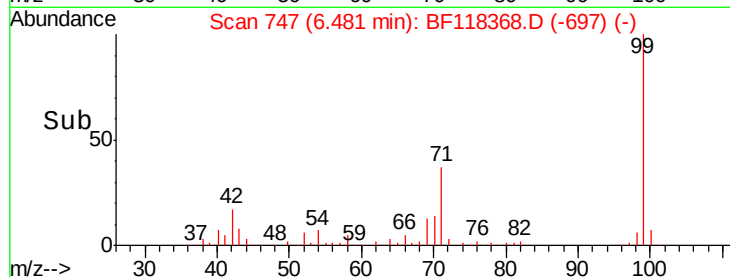
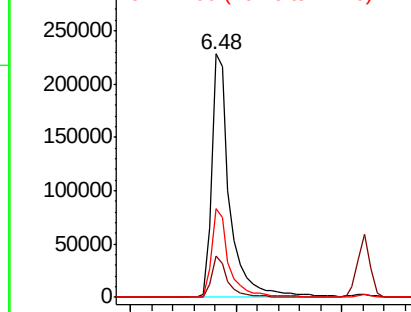
99 100

42 16.8 13.5 20.3

71 36.6 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: BF118368.D

Acq: 28 Dec 2019 16:37

Tgt Ion: 136 Resp: 480806

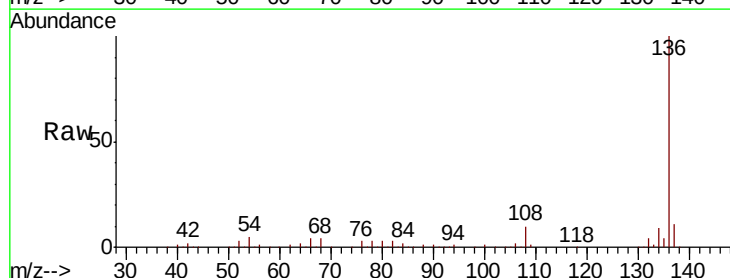
Ion Ratio Lower Upper

136 100

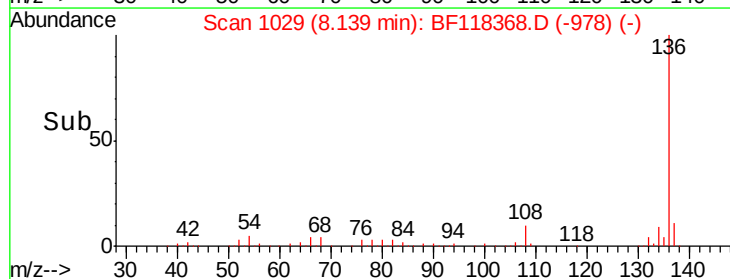
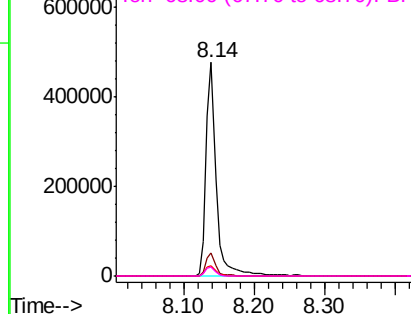
137 10.6 8.9 13.3

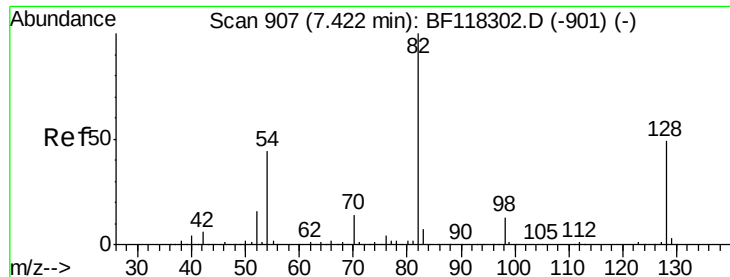
54 4.9 4.2 6.4

68 4.3 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

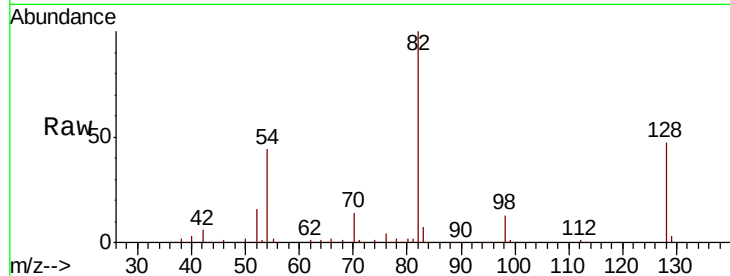




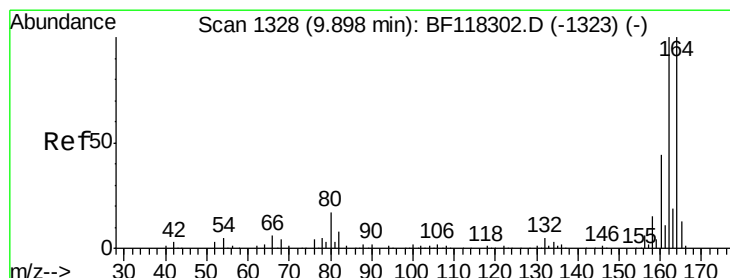
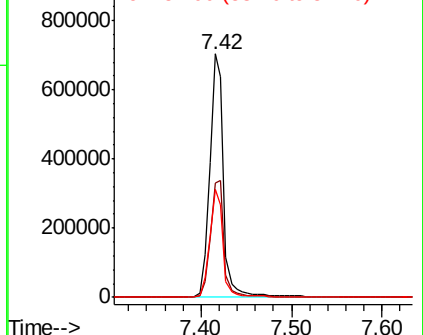
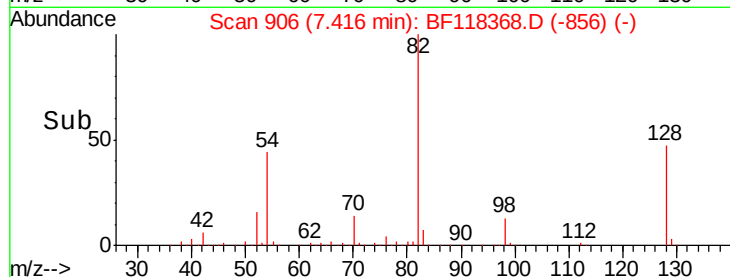
#23
 Nitrobenzene-d5
 Concen: 90.100 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118368.D
 Acq: 28 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampled :
 GW-1

Tot Ion: 82 Resp: 757423
 Ion Ratio Lower Upper
 82 100
 128 47.0 39.6 59.4
 54 44.4 34.9 52.3

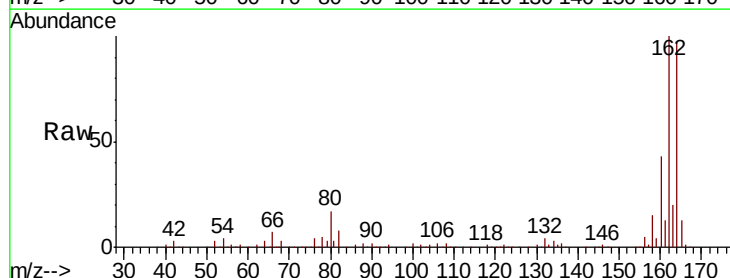


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

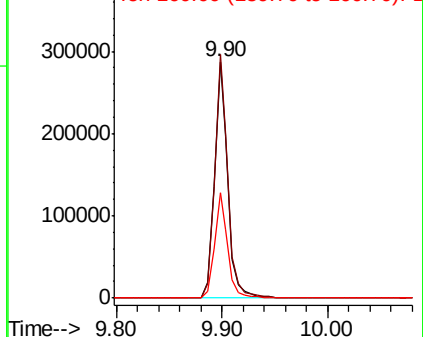
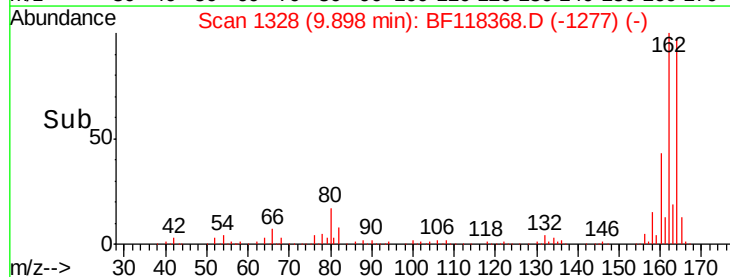


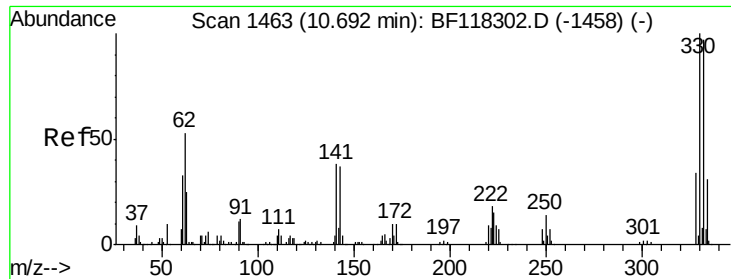
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118368.D
 Acq: 28 Dec 2019 16:37

Tgt Ion: 164 Resp: 256755
 Ion Ratio Lower Upper
 164 100
 162 103.0 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

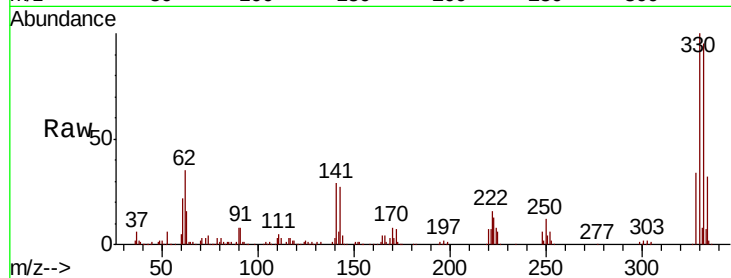




#42
 2,4,6-Tribromophenol
 Concen: 148.359 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118368.D
 Acq: 28 Dec 2019 16:37

Instrument :
 BNA_F
 ClientSampleId :
 GW-1

Tot Ion	330	Resp	470407
Ion Ratio	100	Lower	Upper
330	100	76.6	114.8
332	96.3	26.0	39.0
141	32.0		

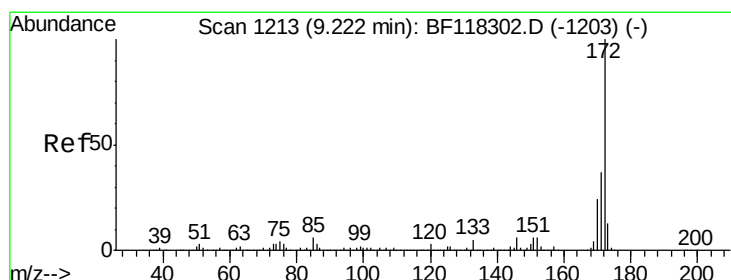
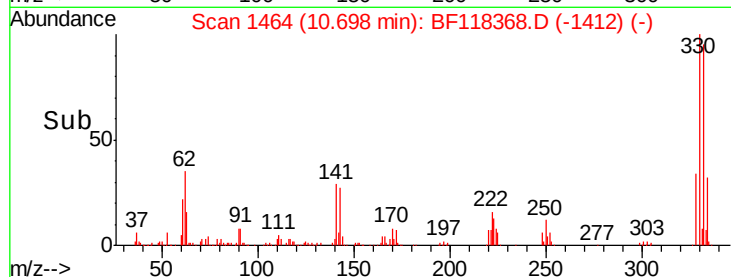
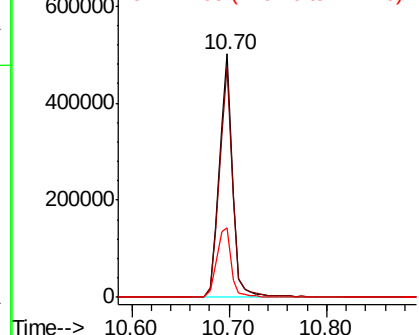


Abundance

Ion 329.80 (329.50 to 330.50): E

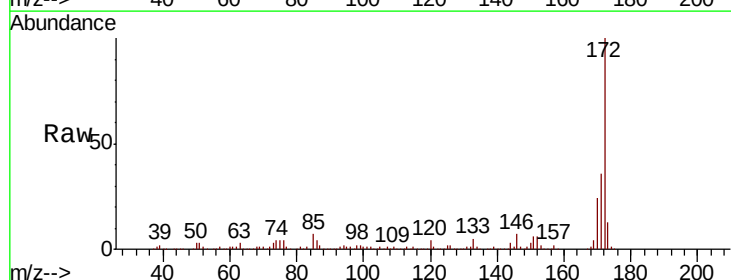
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.221 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118368.D
 Acq: 28 Dec 2019 16:37

Tgt Ion	172	Resp	1517537
Ion Ratio	100	Lower	Upper
172	100	29.3	43.9
171	36.2	19.2	28.8
170	24.1		

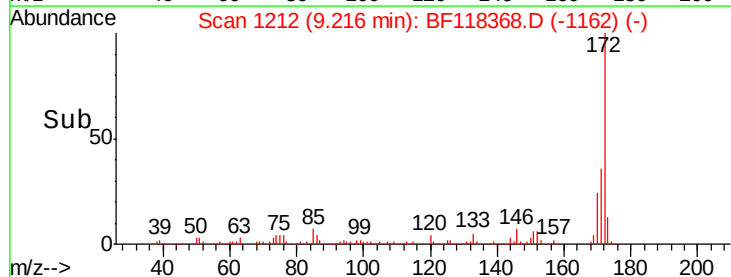
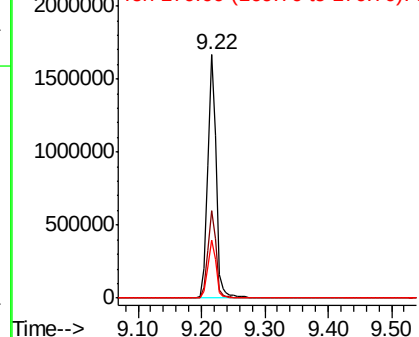


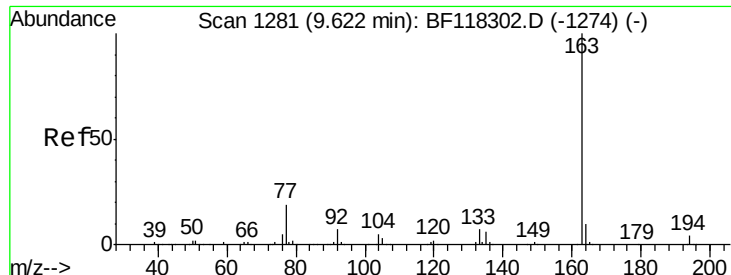
Abundance

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

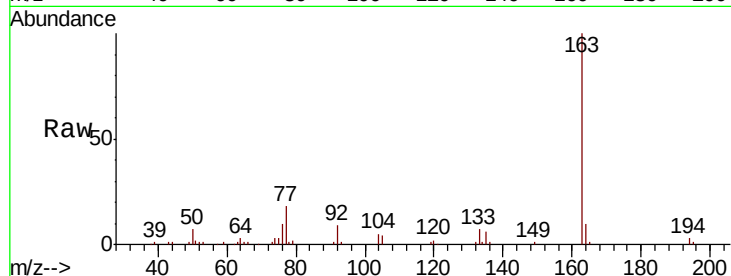




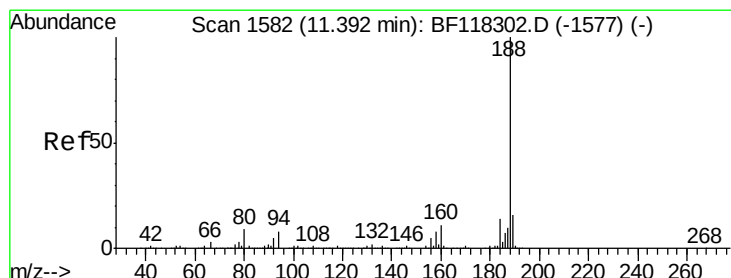
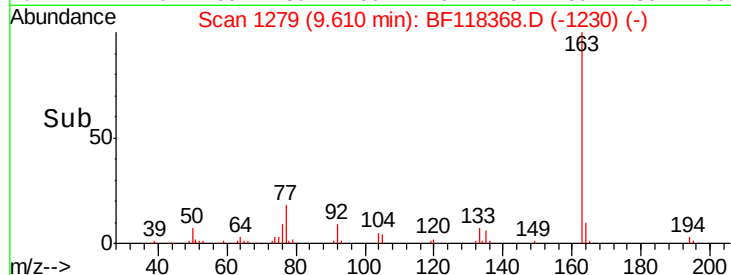
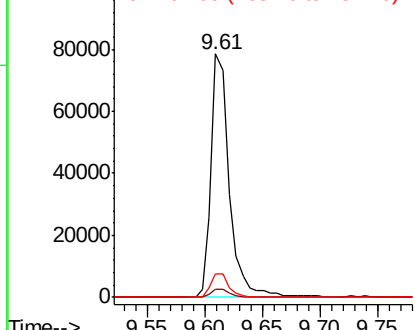
#50
Dimethylphthalate
Concen: 4.525 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118368.D
Acq: 28 Dec 2019 16:37

Instrument :
BNA_F
ClientSampled :
GW-1

Tot Ion:163 Resp: 87206
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 9.7 7.9 11.9

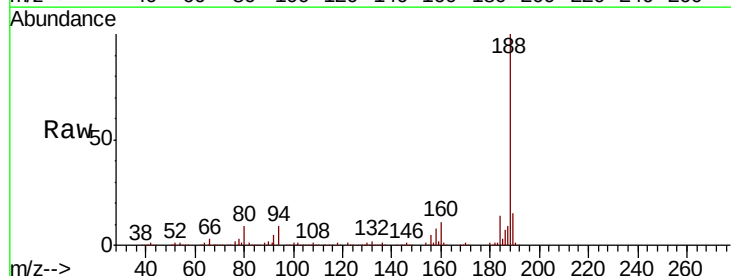


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

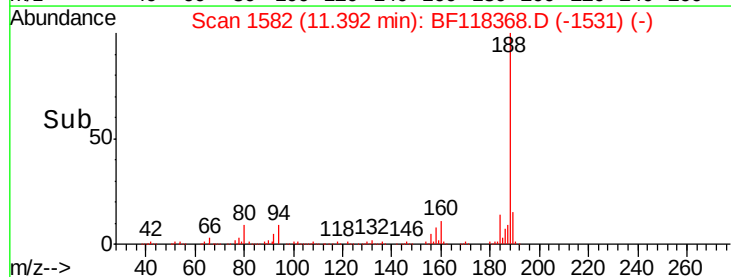
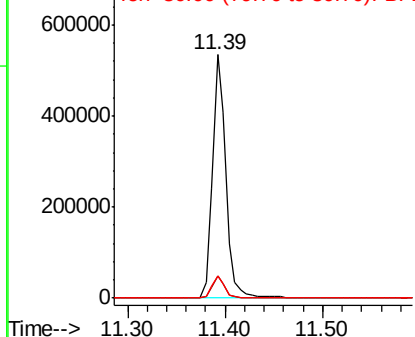


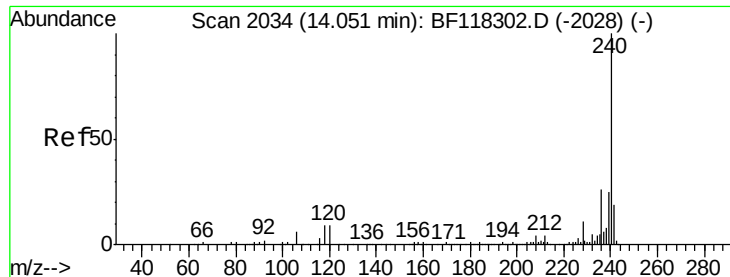
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118368.D
Acq: 28 Dec 2019 16:37

Tgt Ion:188 Resp: 507131
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.2 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: BF118368.D

Acq: 28 Dec 2019 16:37

Instrument :

BNA_F

ClientSampleId :

GW-1

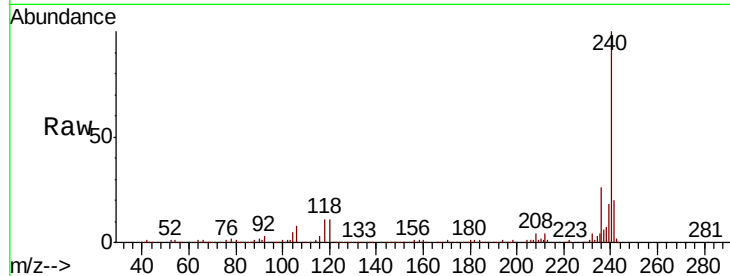
Tot Ion:240 Resp: 405219

Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

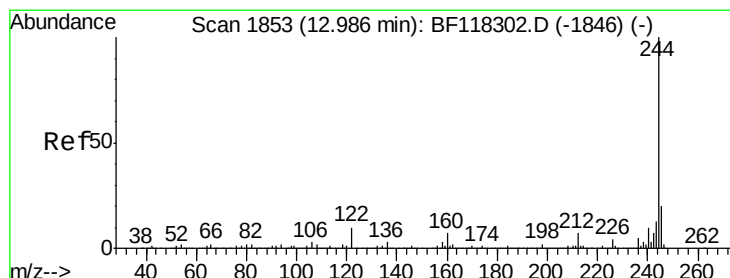
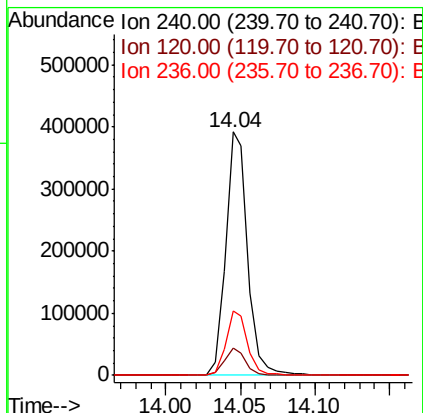
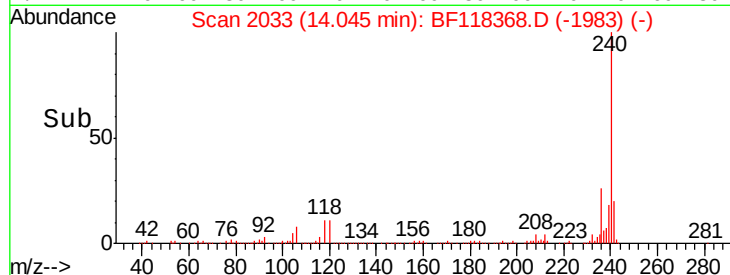
236 26.2 21.0 31.6



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: 86.577 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118368.D

Acq: 28 Dec 2019 16:37

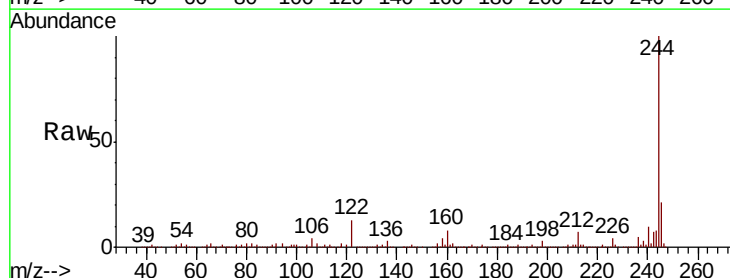
Tgt Ion:244 Resp: 2114655

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

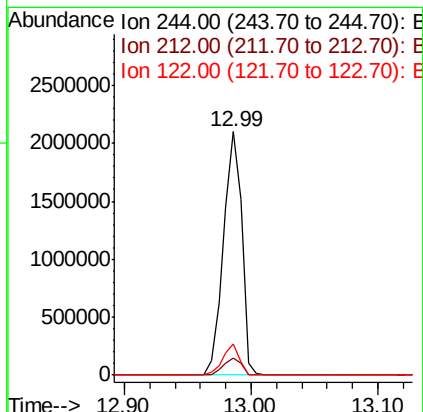
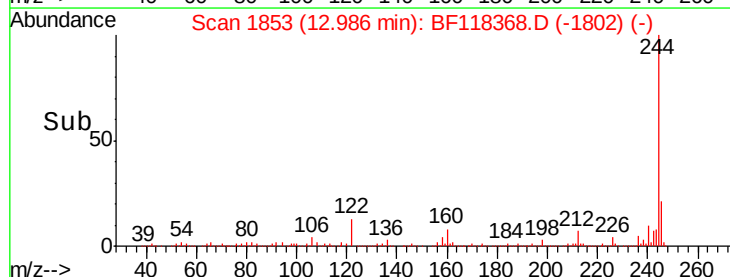
122 12.6 7.8 11.8#

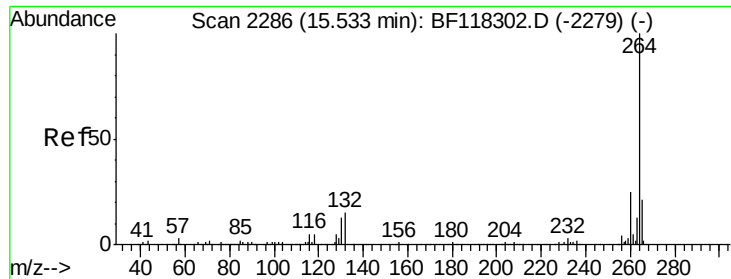


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118368.D
Acq: 28 Dec 2019 16:37

Instrument :
BNA_F
ClientSampleId :
GW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.7	17.0	25.4

