

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118366.D
 Acq On : 28 Dec 2019 15:40
 Operator : JU
 Sample : K6434-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-DISCHARGE

Quant Time: Dec 29 07:34:43 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

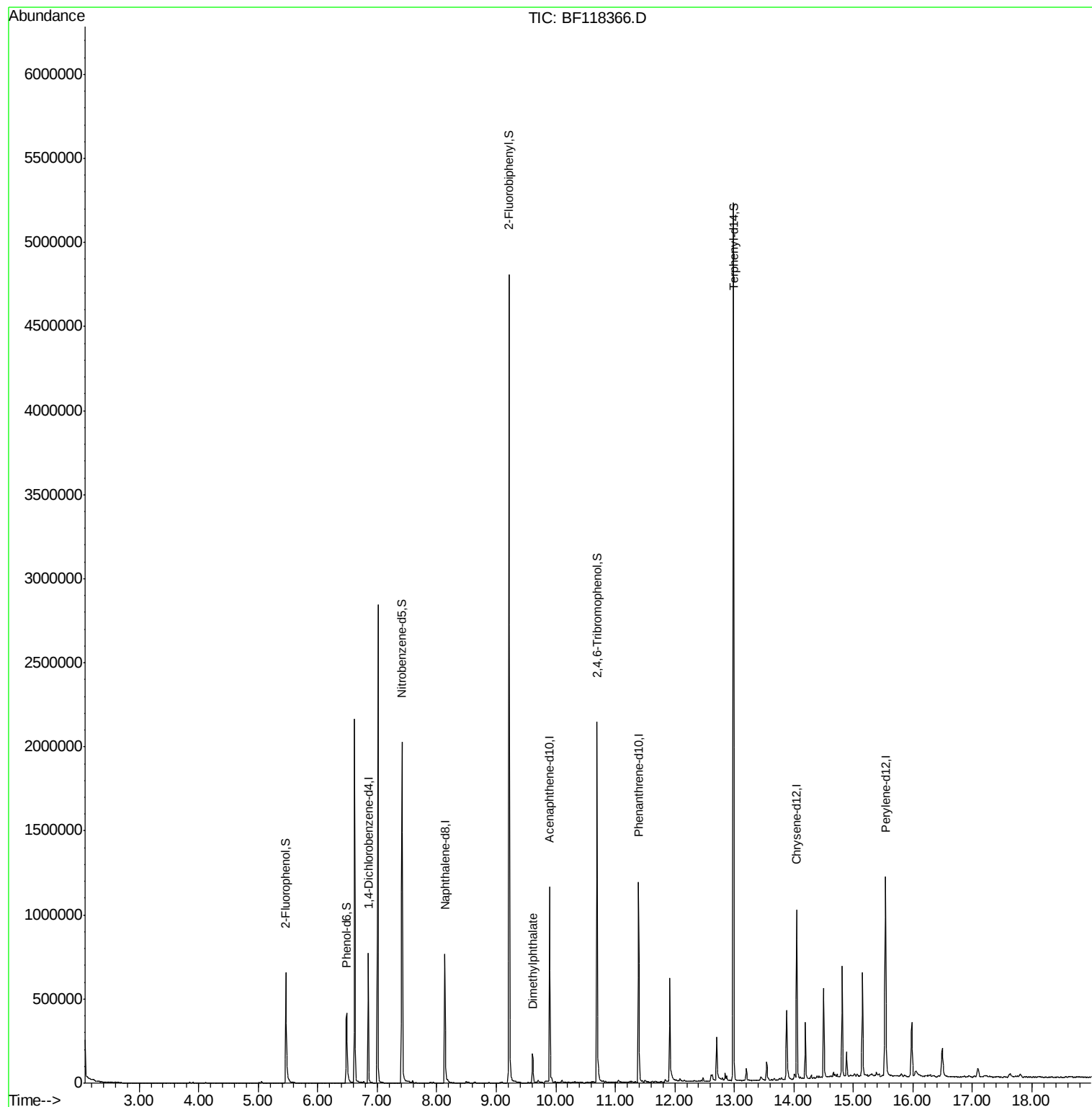
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111928	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	416538	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	227026	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	434107	20.00	ng	0.00
76) Chrysene-d12	14.04	240	350056	20.00	ng	0.00
87) Perylene-d12	15.54	264	348894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	252892	38.57	ng	0.00
7) Phenol-d6	6.49	99	194348	23.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	703591	96.61	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	289969	103.43	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1427586	95.99	ng	0.00
79) Terphenyl-d14	12.99	244	1729761	81.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	84405	4.953	ng	Qvalue 99

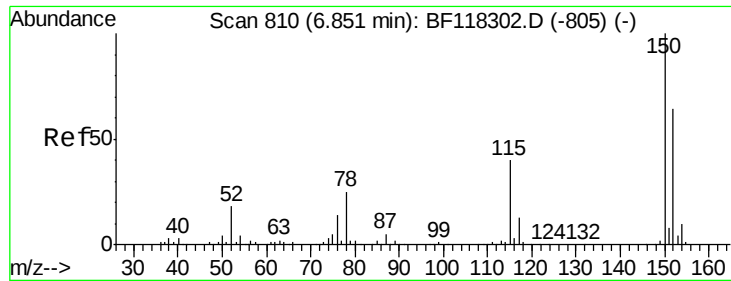
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF118366.D

Acq: 28 Dec 2019 15:40

Instrument :

BNA_F

ClientSampleId :

GW-1-DISCHARGE

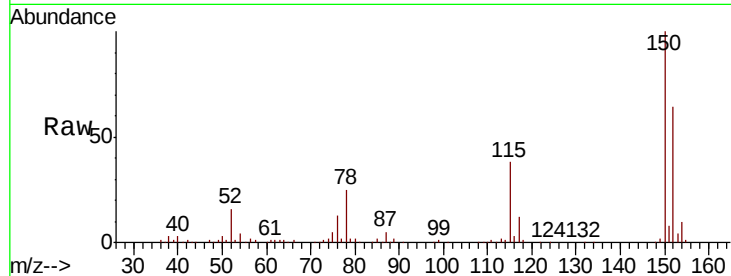
Tot Ion:152 Resp: 111928

Ion Ratio Lower Upper

152 100

150 155.2 125.4 188.2

115 59.6 50.2 75.4

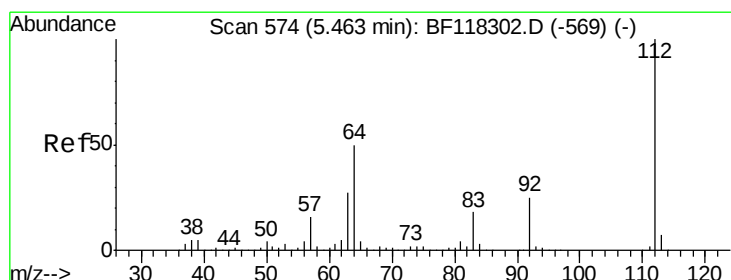
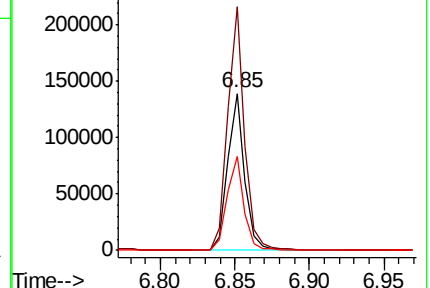
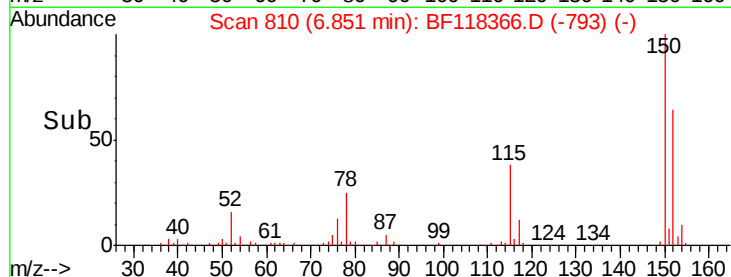


Abundance

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: 38.568 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118366.D

Acq: 28 Dec 2019 15:40

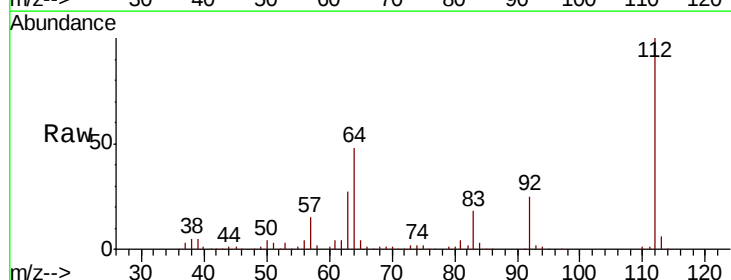
Tgt Ion:112 Resp: 252892

Ion Ratio Lower Upper

112 100

64 48.4 39.7 59.5

63 26.6 21.7 32.5

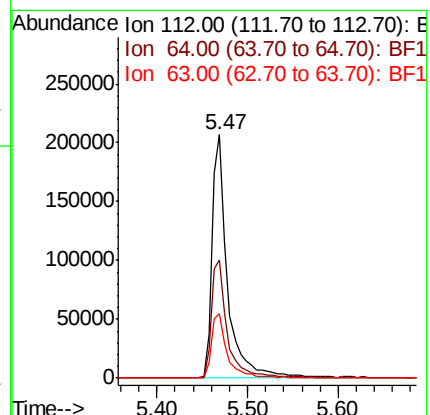
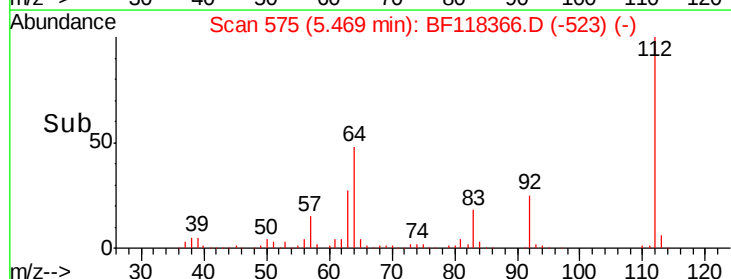


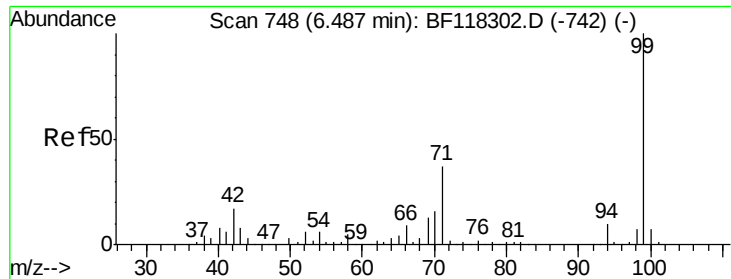
Abundance

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: 23.893 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118366.D

Acq: 28 Dec 2019 15:40

Instrument :

BNA_F

ClientSampleId :

GW-1-DISCHARGE

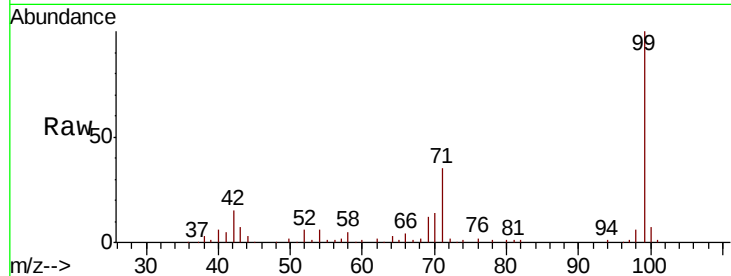
Tot Ion: 99 Resp: 194348

Ion Ratio Lower Upper

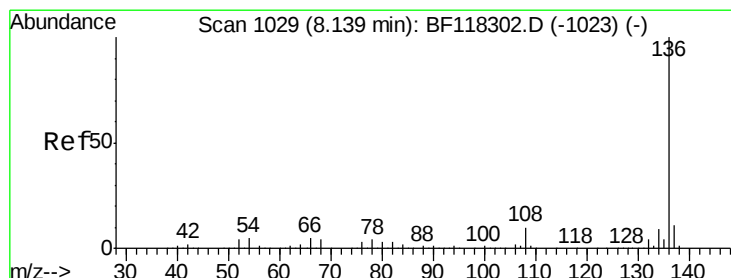
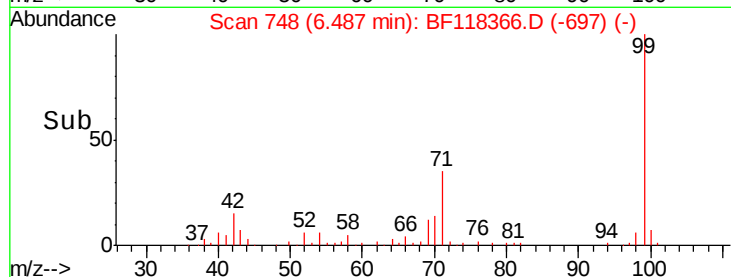
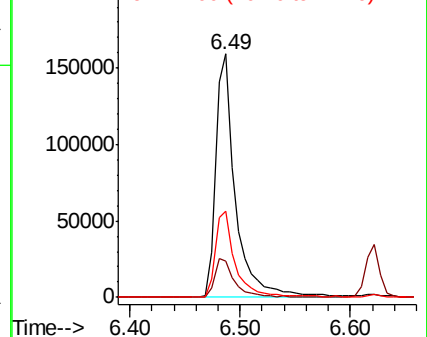
99 100

42 14.8 13.5 20.3

71 35.2 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: BF118366.D

Acq: 28 Dec 2019 15:40

Tgt Ion: 136 Resp: 416538

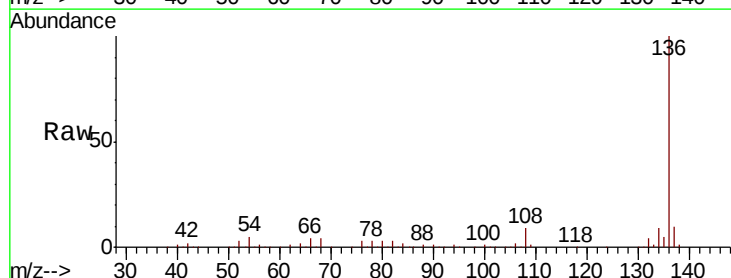
Ion Ratio Lower Upper

136 100

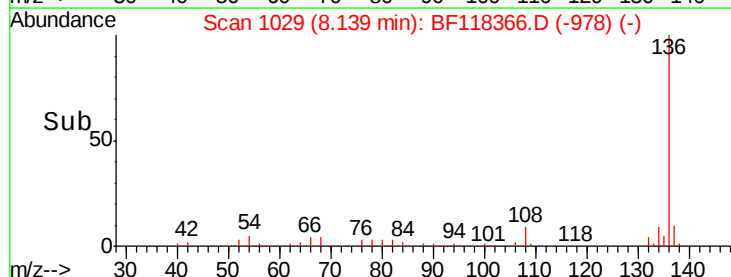
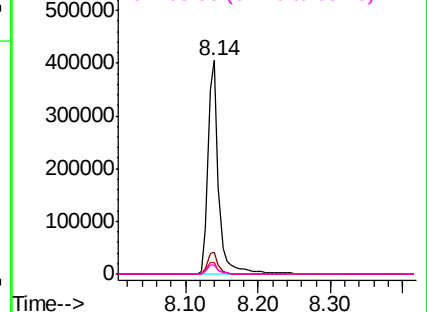
137 10.2 8.9 13.3

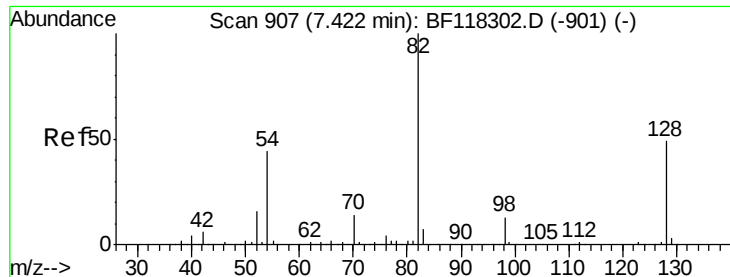
54 5.2 4.2 6.4

68 4.1 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

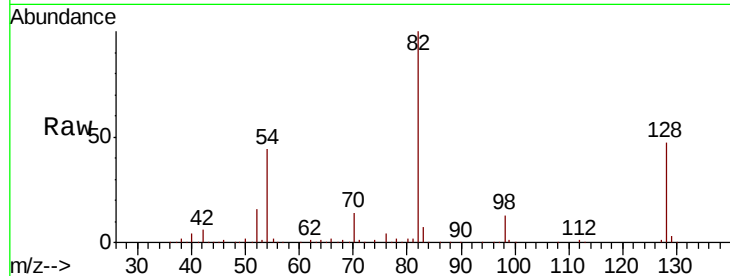




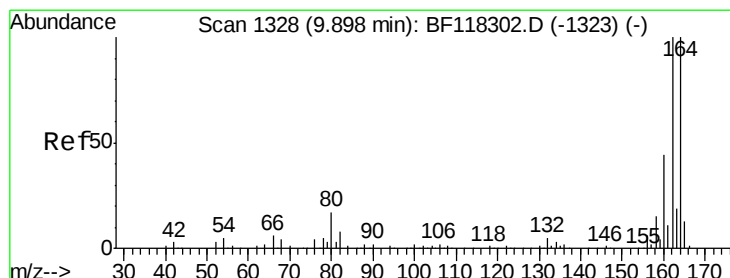
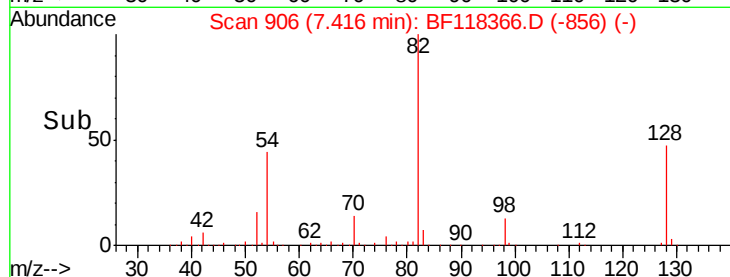
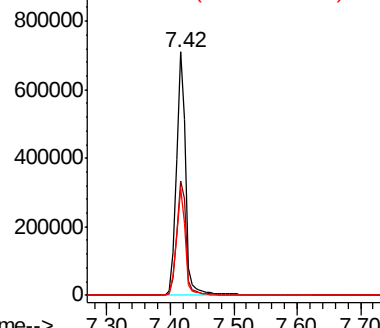
#23
 Nitrobenzene-d5
 Concen: 96.610 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118366.D
 Acq: 28 Dec 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-DISCHARGE

Tot Ion: 82 Resp: 703591
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.6 59.4
 54 43.8 34.9 52.3

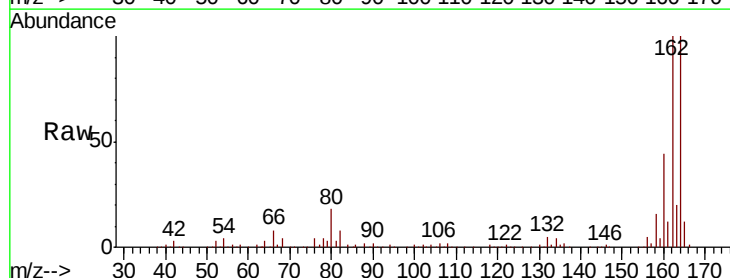


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

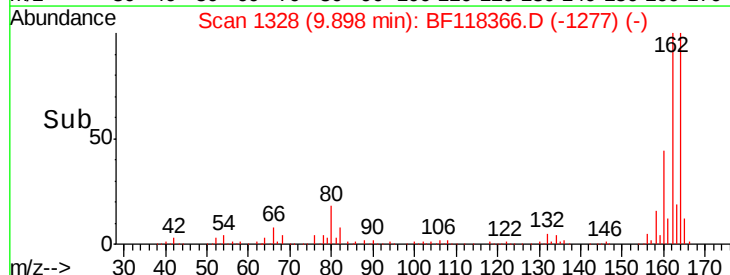
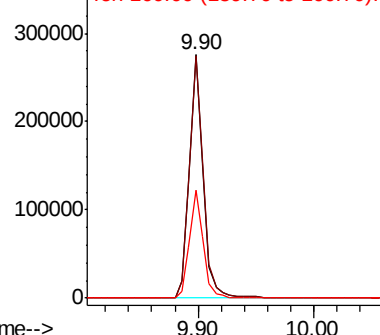


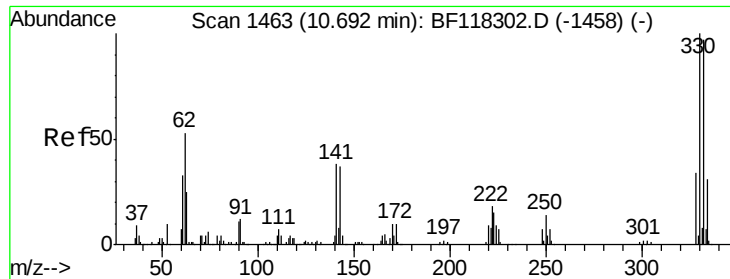
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118366.D
 Acq: 28 Dec 2019 15:40

Tgt Ion: 164 Resp: 227026
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.0 120.0
 160 44.4 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

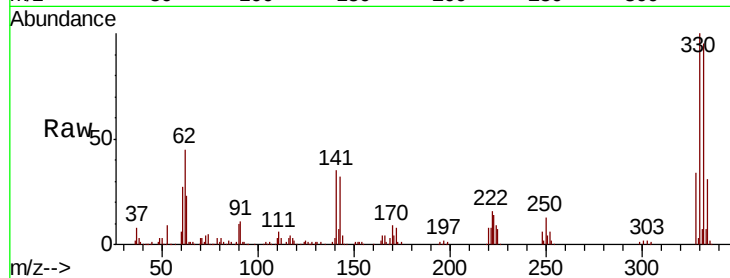




#42
 2,4,6-Tribromophenol
 Concen: 103.427 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118366.D
 Acq: 28 Dec 2019 15:40

Instrument :
 BNA_F
 ClientSampleId :
 GW-1-DISCHARGE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.7	26.0	39.0

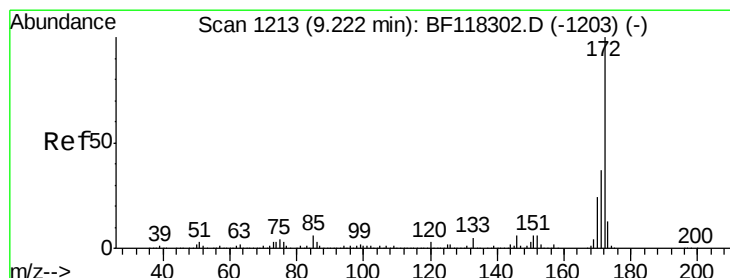
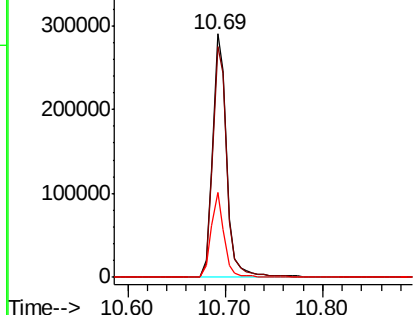
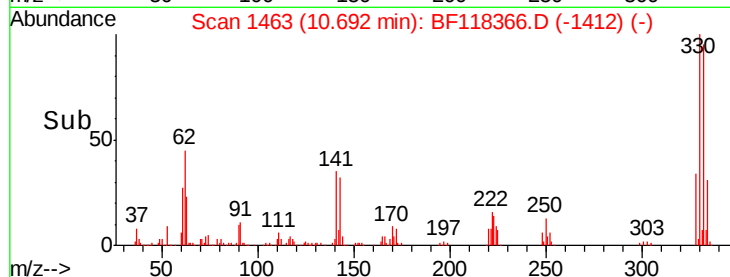


Abundance

Ion 329.80 (329.50 to 330.50): E

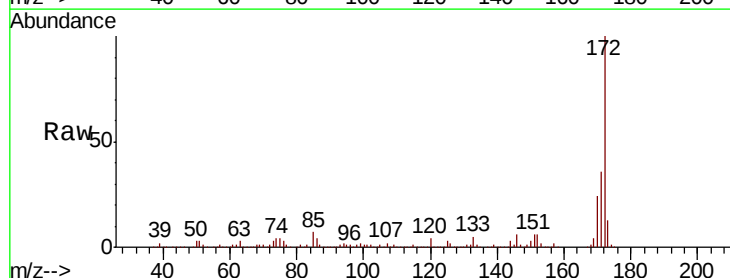
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.988 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118366.D
 Acq: 28 Dec 2019 15:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.7	19.2	28.8

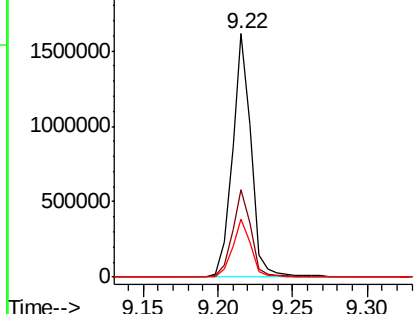
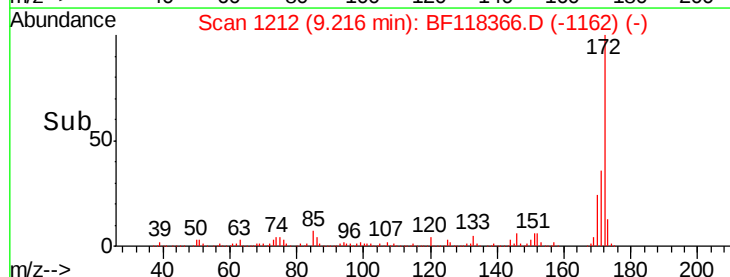


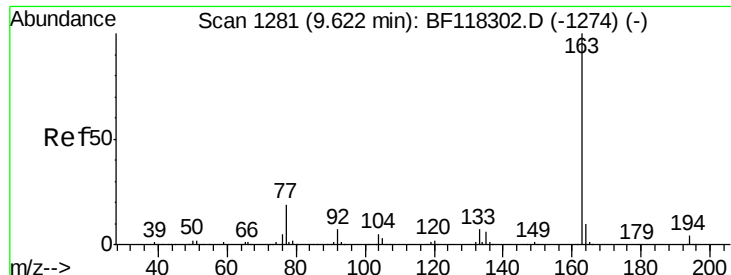
Abundance

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

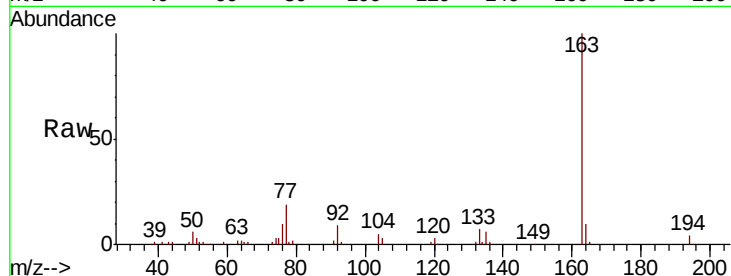




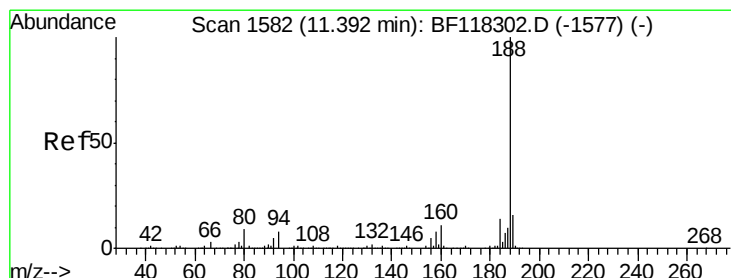
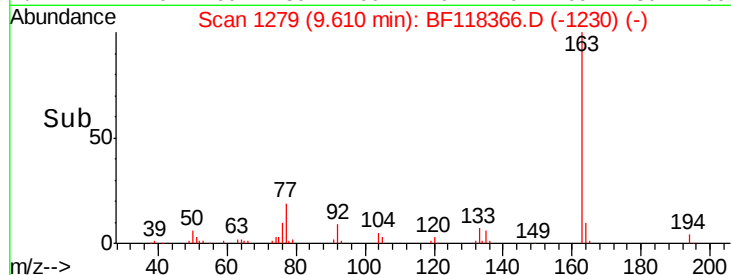
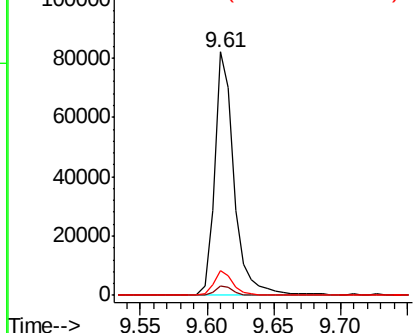
#50
Dimethylphthalate
Concen: 4.953 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118366.D
Acq: 28 Dec 2019 15:40

Instrument :
BNA_F
ClientSampleId :
GW-1-DISCHARGE

Tot Ion:163 Resp: 84405
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.9 11.9

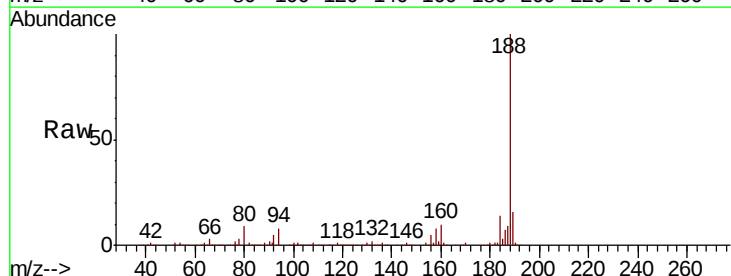


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

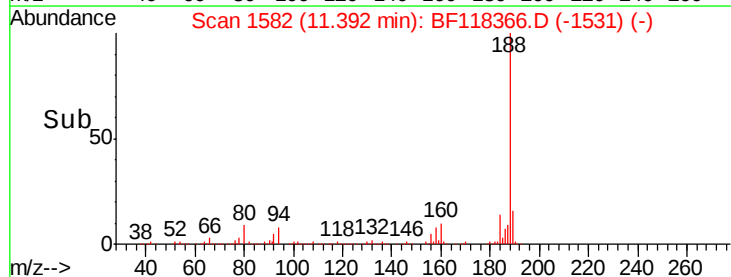
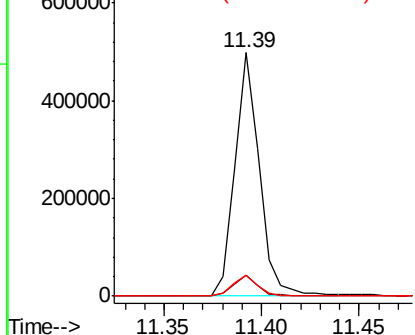


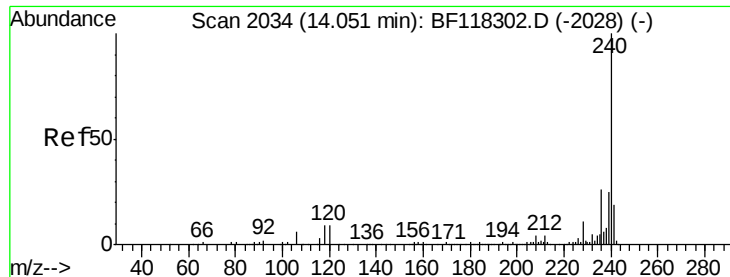
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118366.D
Acq: 28 Dec 2019 15:40

Tgt Ion:188 Resp: 434107
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.8 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: BF118366.D

Acq: 28 Dec 2019 15:40

Instrument :

BNA_F

ClientSampleId :

GW-1-DISCHARGE

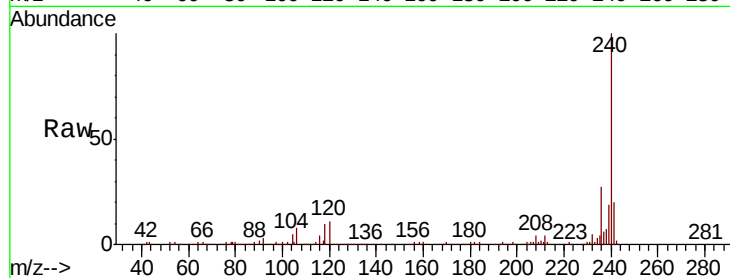
Tot Ion:240 Resp: 350056

Ion Ratio Lower Upper

240 100

120 11.3 7.1 10.7#

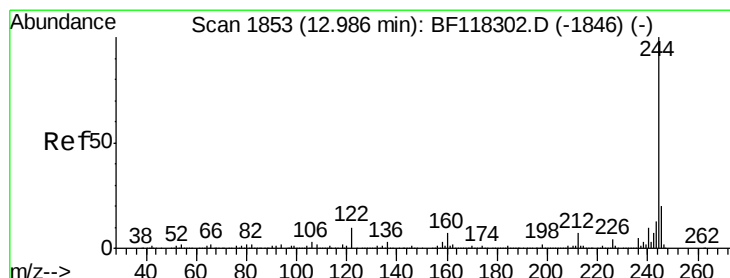
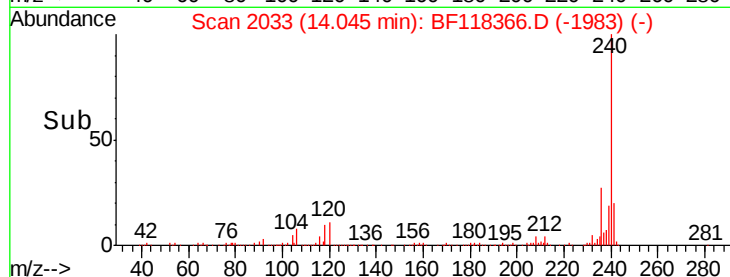
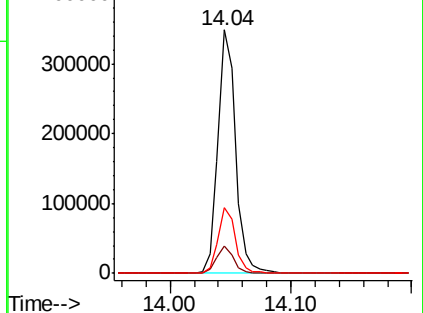
236 27.1 21.0 31.6



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: 81.979 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118366.D

Acq: 28 Dec 2019 15:40

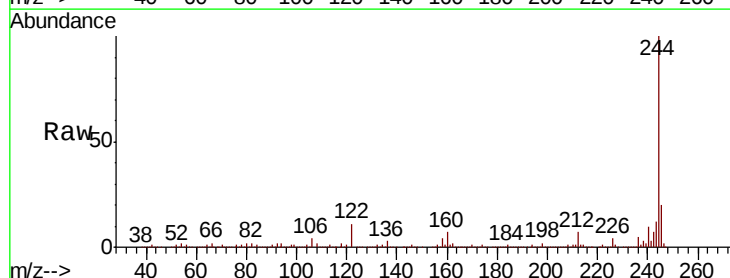
Tgt Ion:244 Resp: 1729761

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

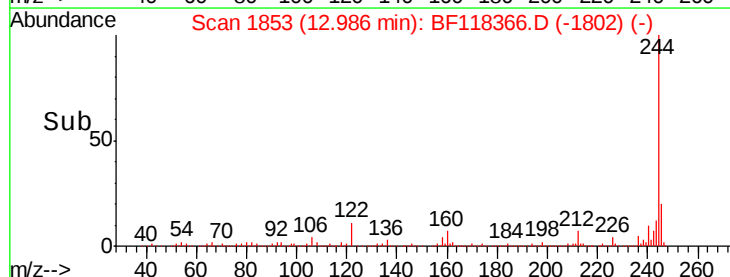
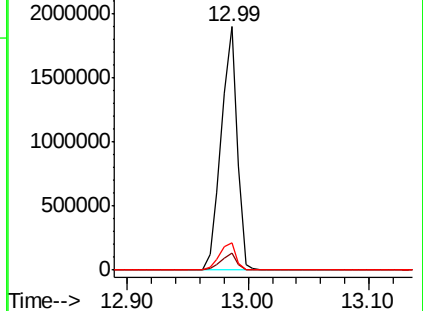
122 11.3 7.8 11.8

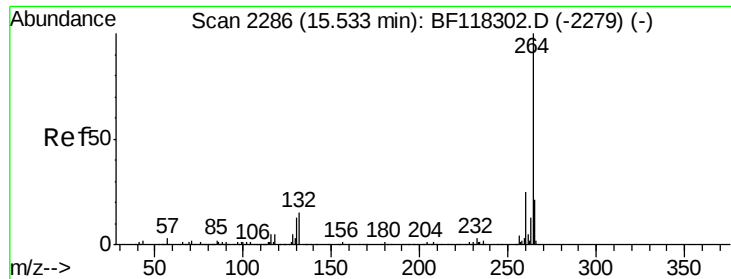


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

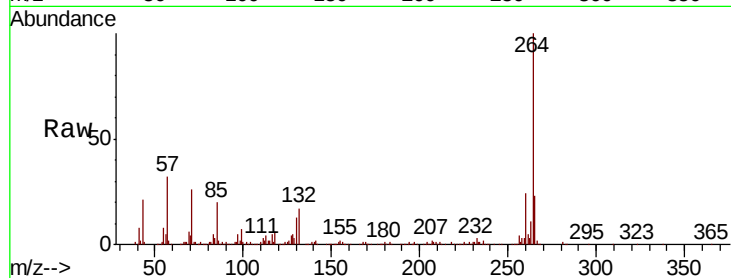




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118366.D
Acq: 28 Dec 2019 15:40

Instrument :
BNA_F
ClientSampleId :
GW-1-DISCHARGE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.7	17.0	25.4



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

