

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118809.D
 Acq On : 4 Feb 2020 18:54
 Operator : CG/JU
 Sample : L1377-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-2

Quant Time: Feb 05 06:48:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

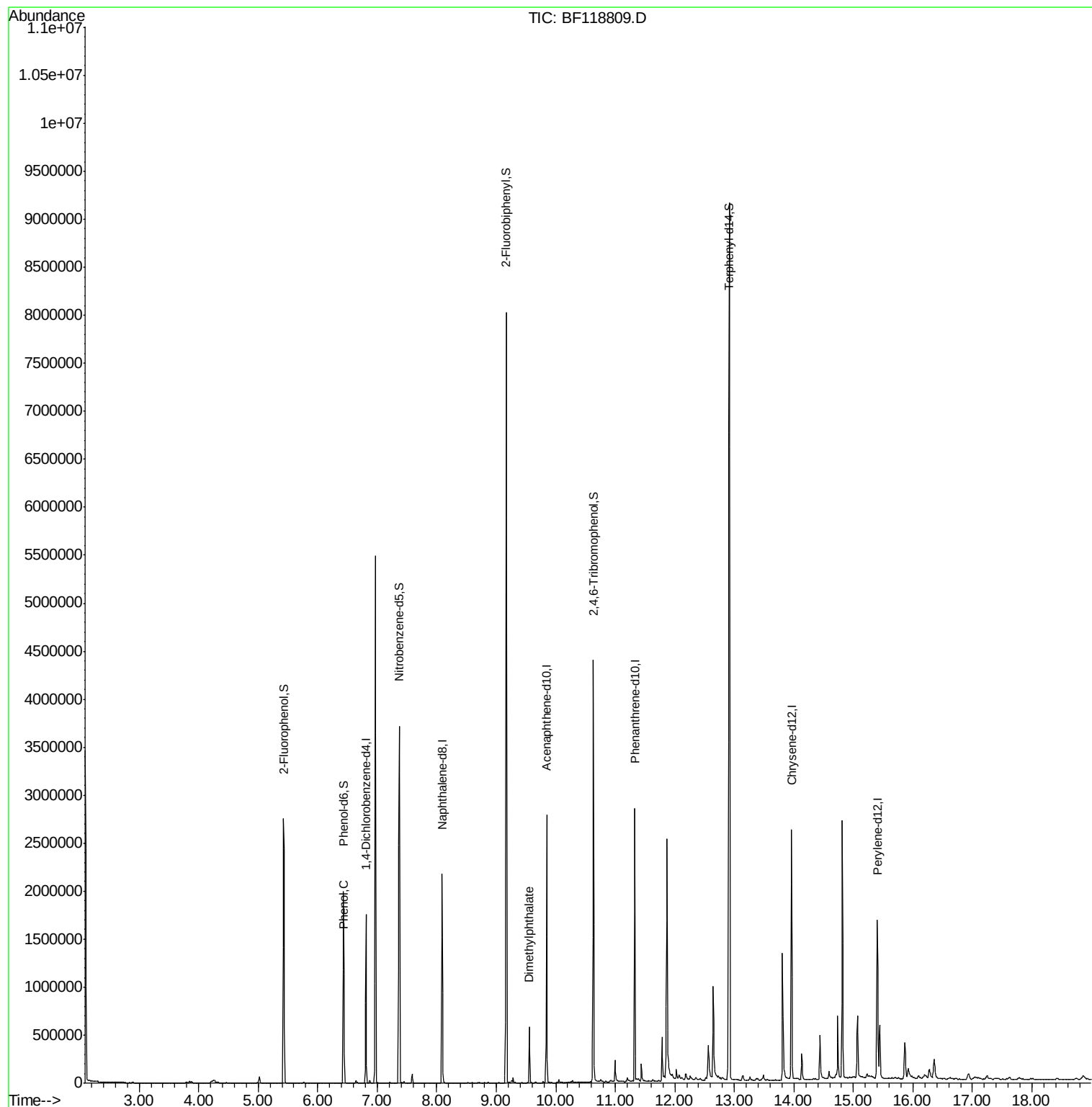
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	252578	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	953885	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	542241	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1046976	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	820638	20.00	ng	-0.02
87) Perylene-d12	15.40	264	790461	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	814960	61.08	ng	0.00
7) Phenol-d6	6.43	99	625170	37.74	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1378985	86.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	613072	94.49	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2685545	88.54	ng	-0.01
79) Terphenyl-d14	12.92	244	3661610	91.65	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	46742	2.538	ng	95
50) Dimethylphthalate	9.56	163	222396	6.023	ng	98

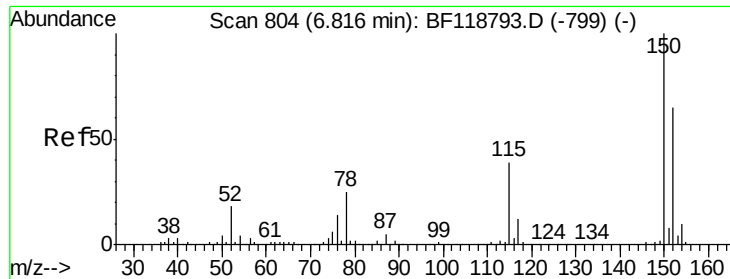
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 05 06:48:02 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



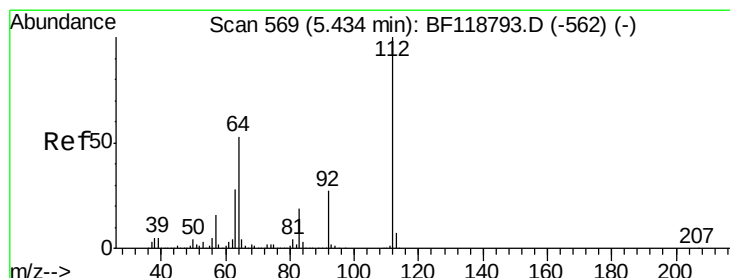
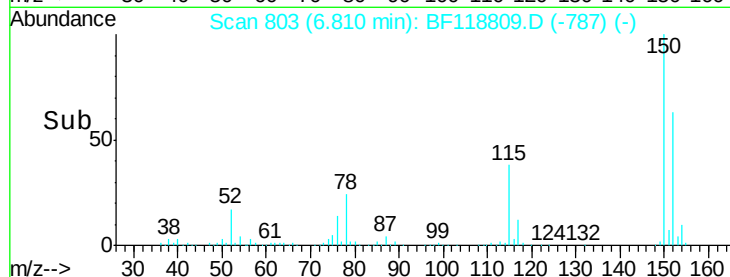
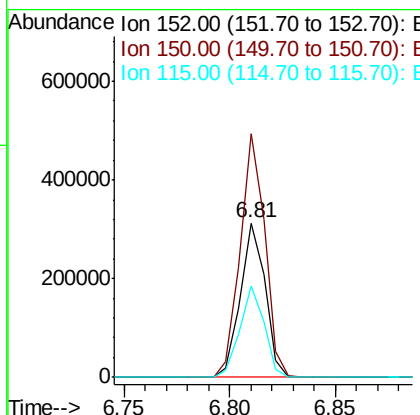
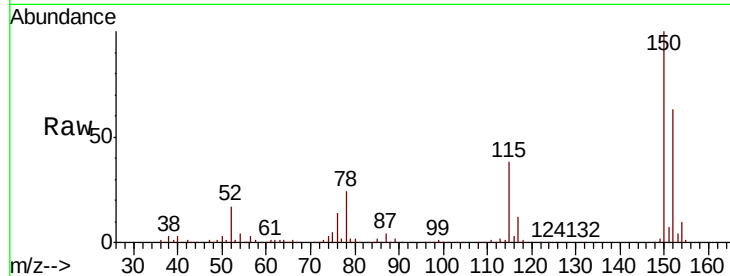


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-2

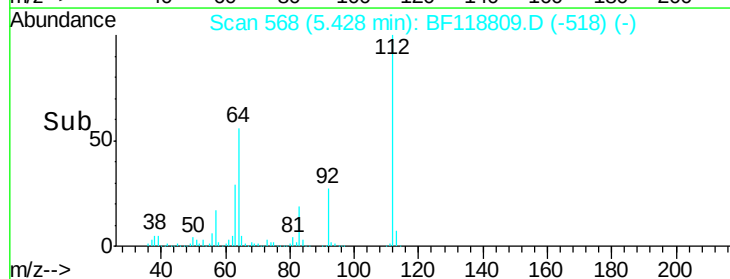
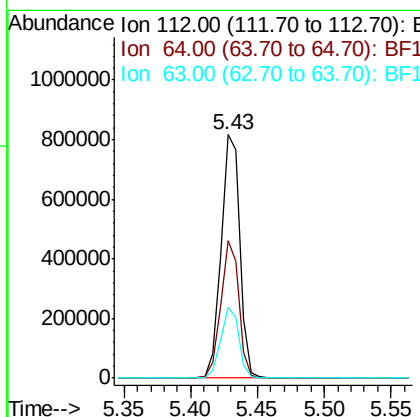
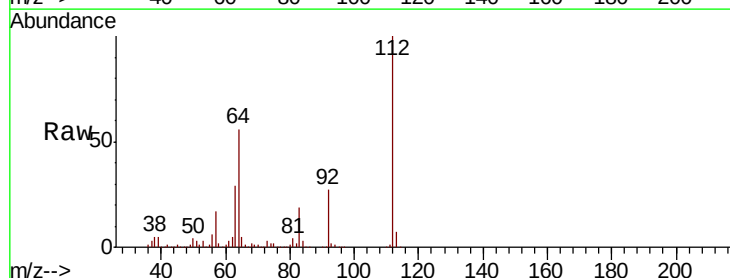
Tot Ion:152 Resp: 252578
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.6 185.4
 115 59.3 48.2 72.2

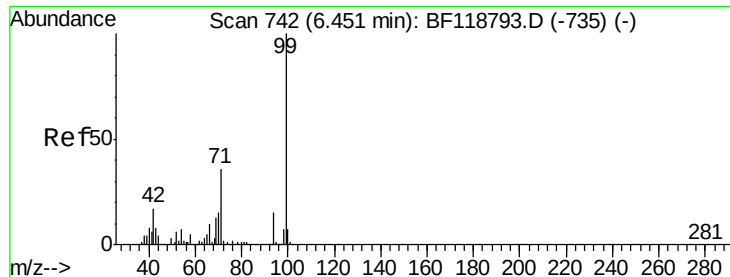


#5

2-Fluorophenol
 Concen: 61.077 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Tgt Ion:112 Resp: 814960
 Ion Ratio Lower Upper
 112 100
 64 56.2 42.6 63.8
 63 29.2 22.2 33.4





#7

Phenol-d6

Concen: 37.743 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

BW-2

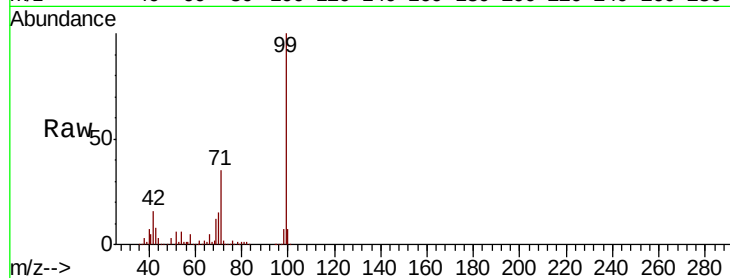
Tot Ion: 99 Resp: 625170

Ion Ratio Lower Upper

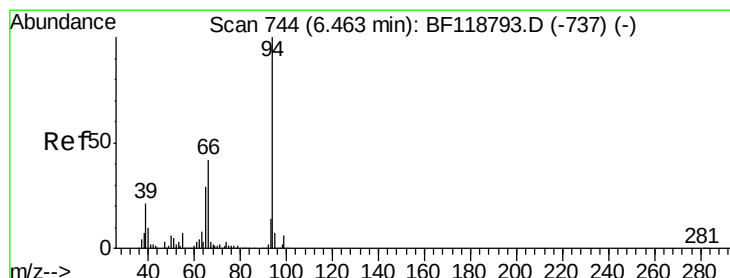
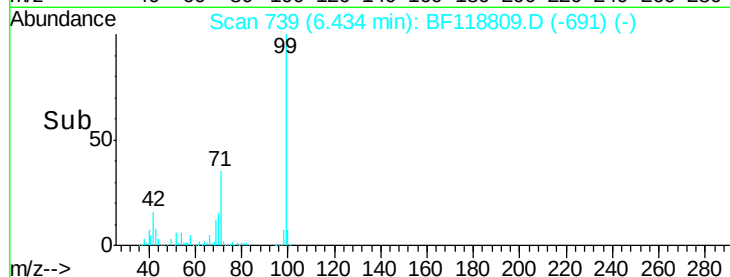
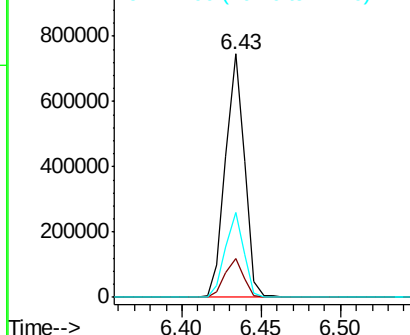
99 100

42 16.0 13.4 20.0

71 34.8 29.0 43.6



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: 2.538 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

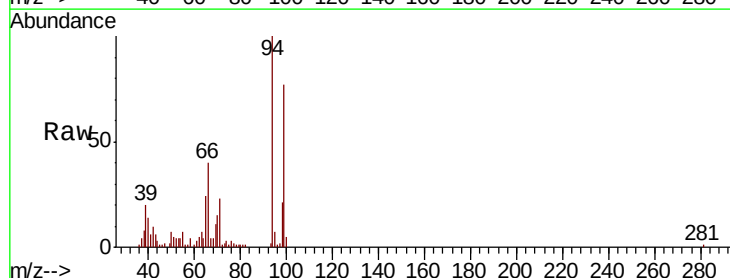
Tgt Ion: 94 Resp: 46742

Ion Ratio Lower Upper

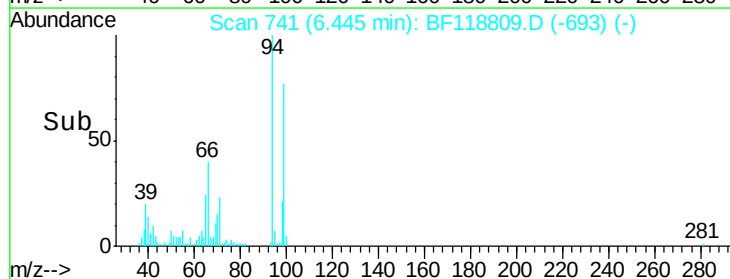
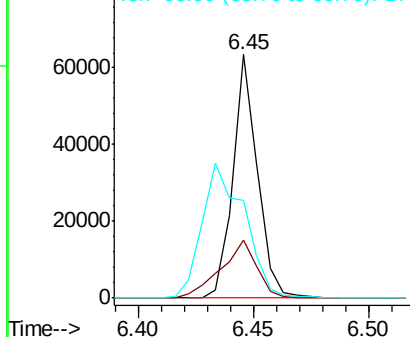
94 100

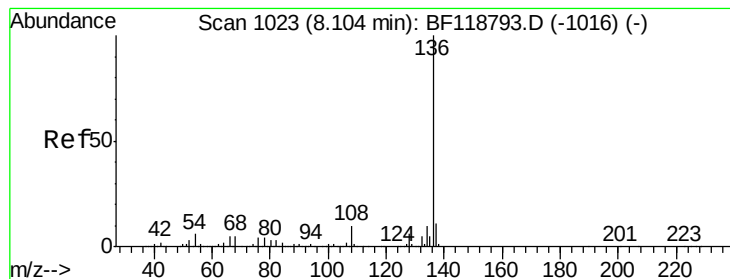
65 23.8 9.1 49.1

66 40.3 21.7 61.7



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

BW-2

Tot Ion:136 Resp: 953885

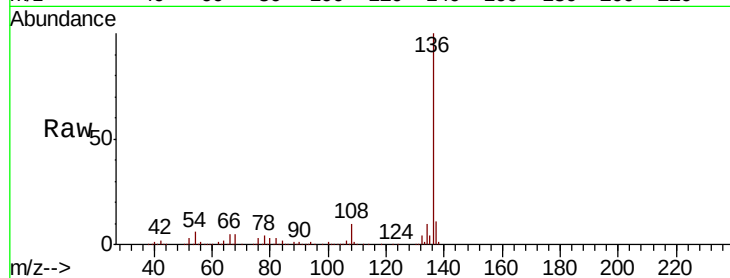
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.3 5.0 7.6

68 5.4 4.2 6.4

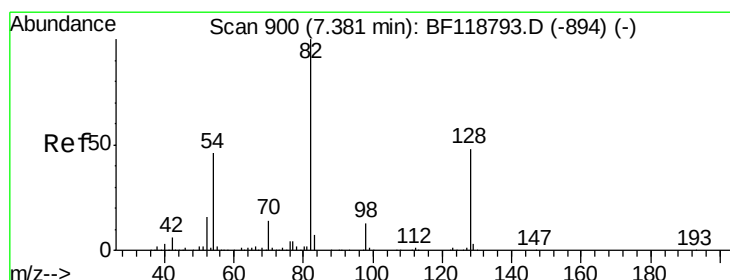
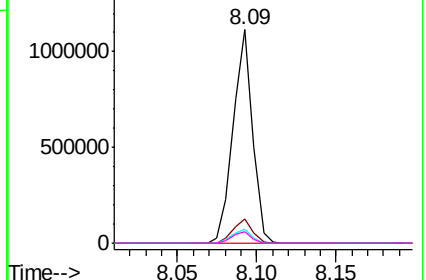
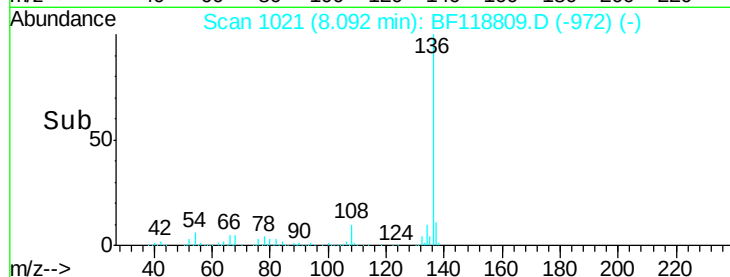


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.168 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

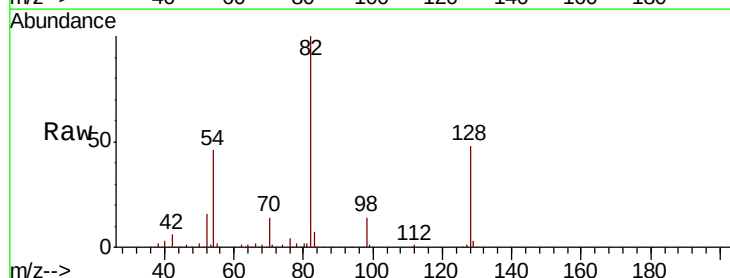
Tgt Ion: 82 Resp: 1378985

Ion Ratio Lower Upper

82 100

128 48.5 38.5 57.7

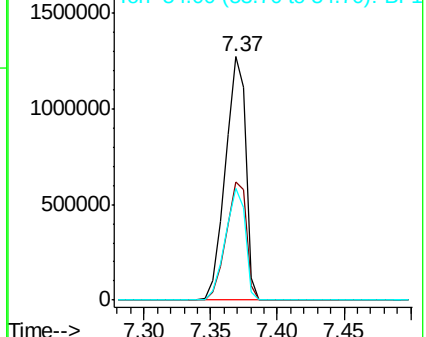
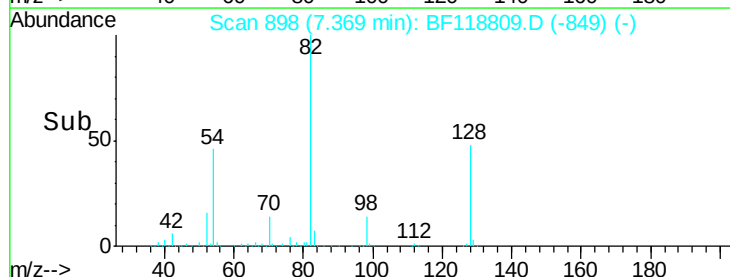
54 46.0 36.7 55.1

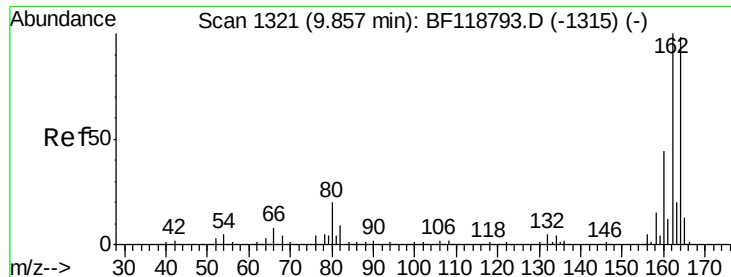


Abundance Ion 82.00 (81.70 to 82.70): BF1

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# 1319

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

BW-2

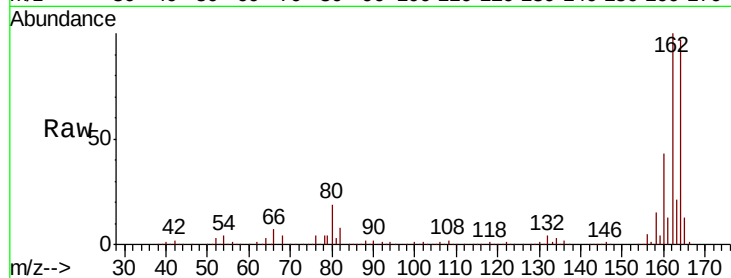
Tot Ion:164 Resp: 542241

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.2

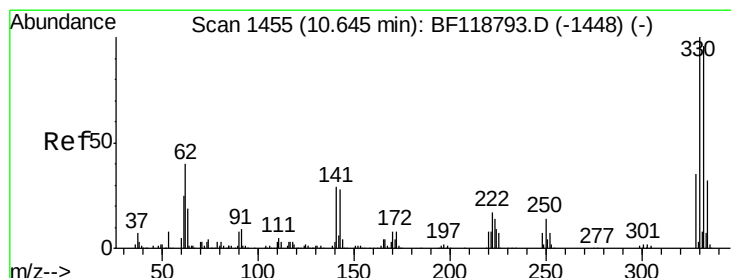
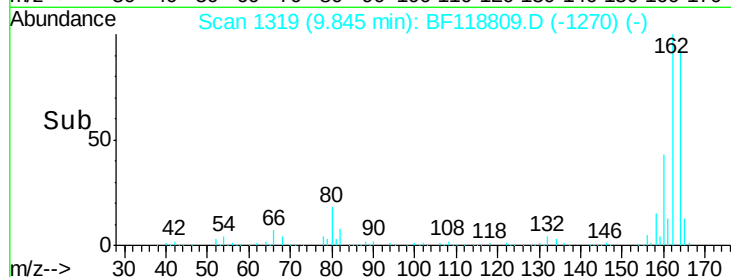
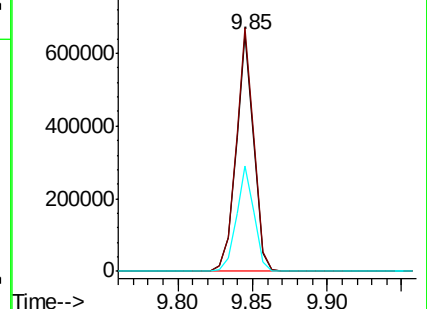
160 44.4 35.6 53.4



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: 94.492 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

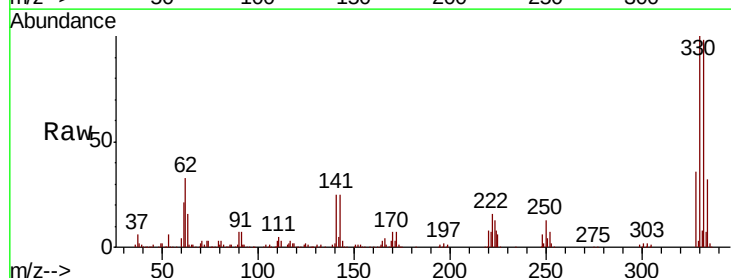
Tgt Ion:330 Resp: 613072

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

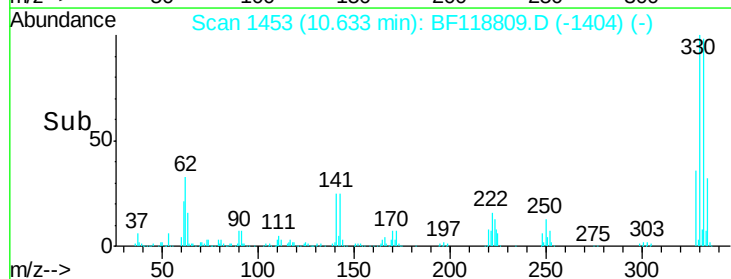
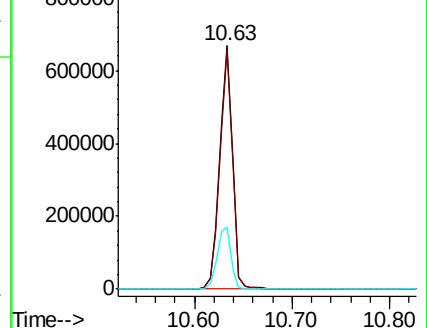
141 27.6 22.4 33.6

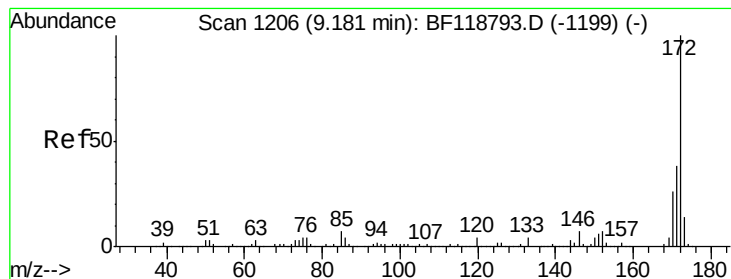


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

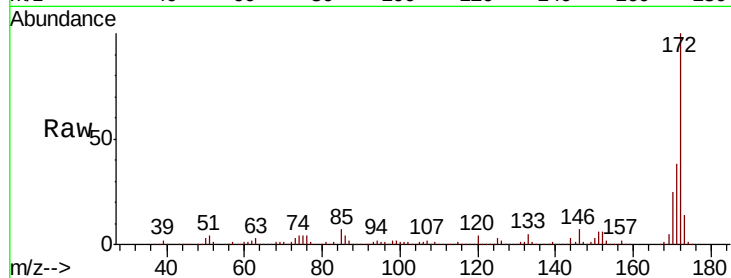




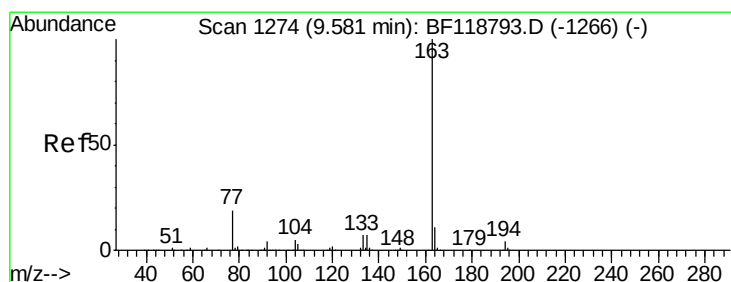
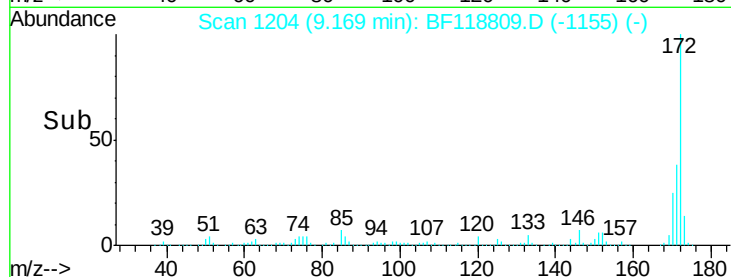
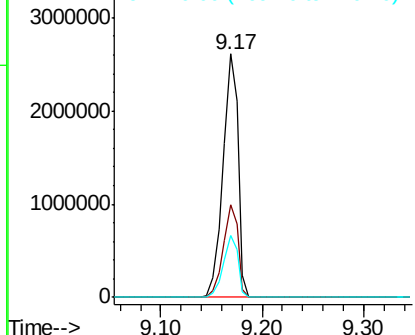
#45
 2-Fluorobiphenyl
 Concen: 88.539 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-2

Tot Ion:172 Resp: 2685545
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 25.3 20.5 30.7

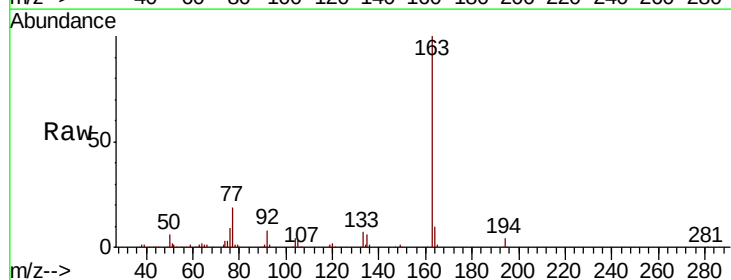


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

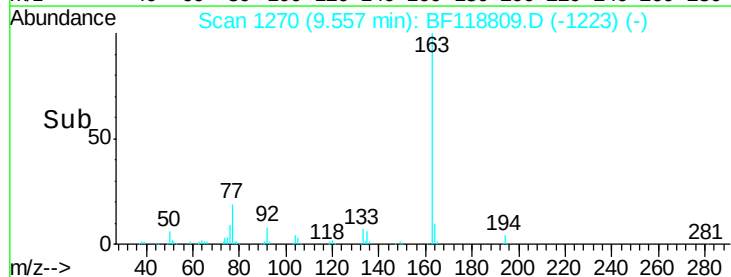
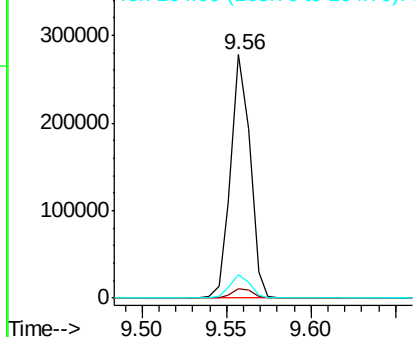


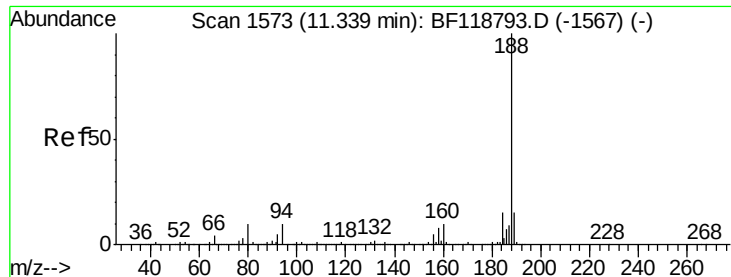
#50
 Dimethylphthalate
 Concen: 6.023 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Tgt Ion:163 Resp: 222396
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.6 5.4
 164 9.8 8.7 13.1



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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

BW-2

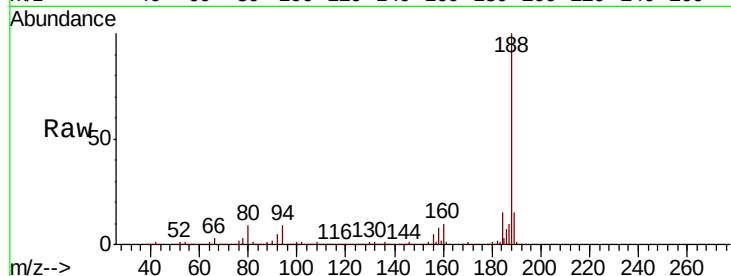
Tot Ion:188 Resp: 1046976

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.5 8.4 12.6



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

11.33

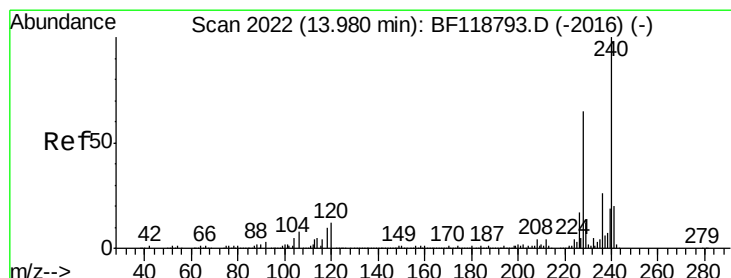
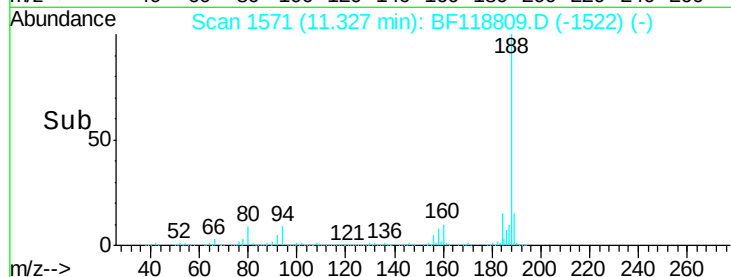
1500000

1000000

500000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118809.D

Acq: 4 Feb 2020 18:54

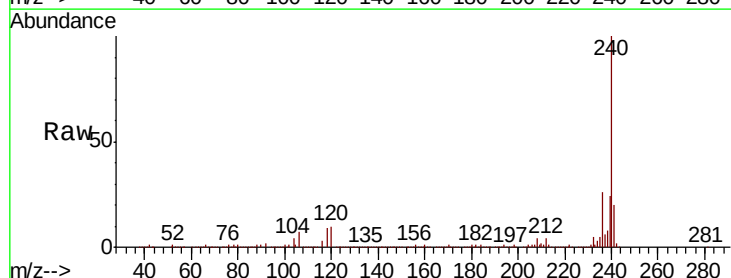
Tgt Ion:240 Resp: 820638

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.0

236 26.1 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

13.96

1200000

1000000

800000

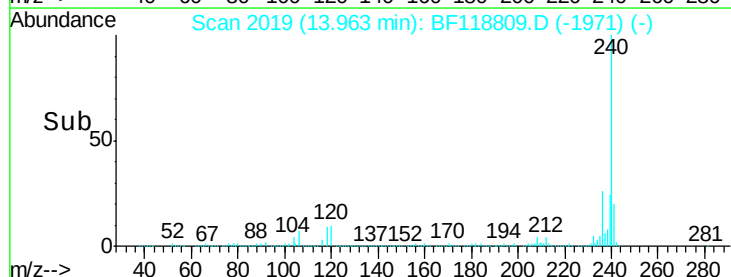
600000

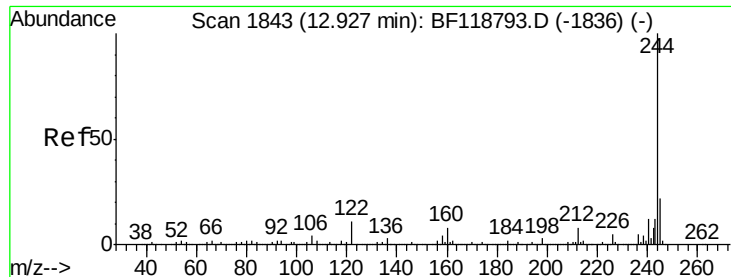
400000

200000

0

Time-->



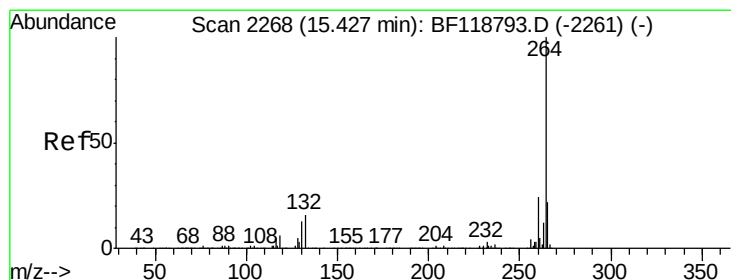
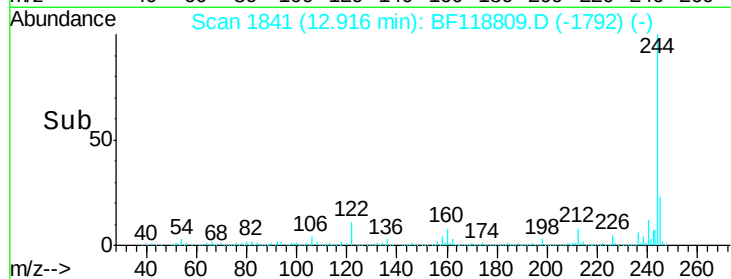
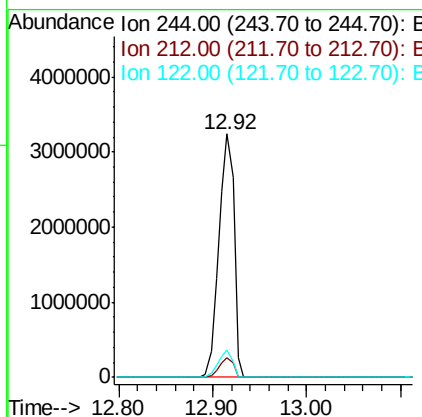
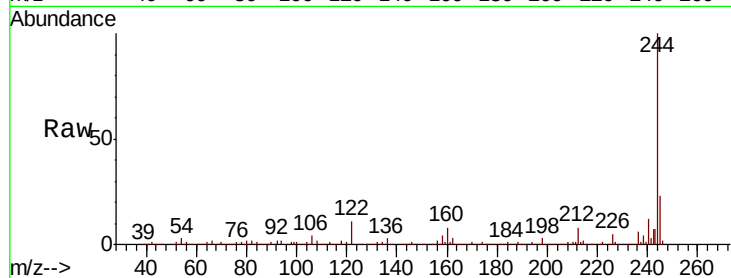


#79
 Terphenyl-d14
 Concen: 91.649 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 BW-2

Tot Ion:244 Resp: 3661610

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.3	8.9	13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: BF118809.D
 Acq: 4 Feb 2020 18:54

Tgt Ion:264 Resp: 790461

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.2	25.8

