

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119103.D
 Acq On : 27 Feb 2020 10:31
 Operator : CG/JU
 Sample : L1682-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Feb 28 03:14:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

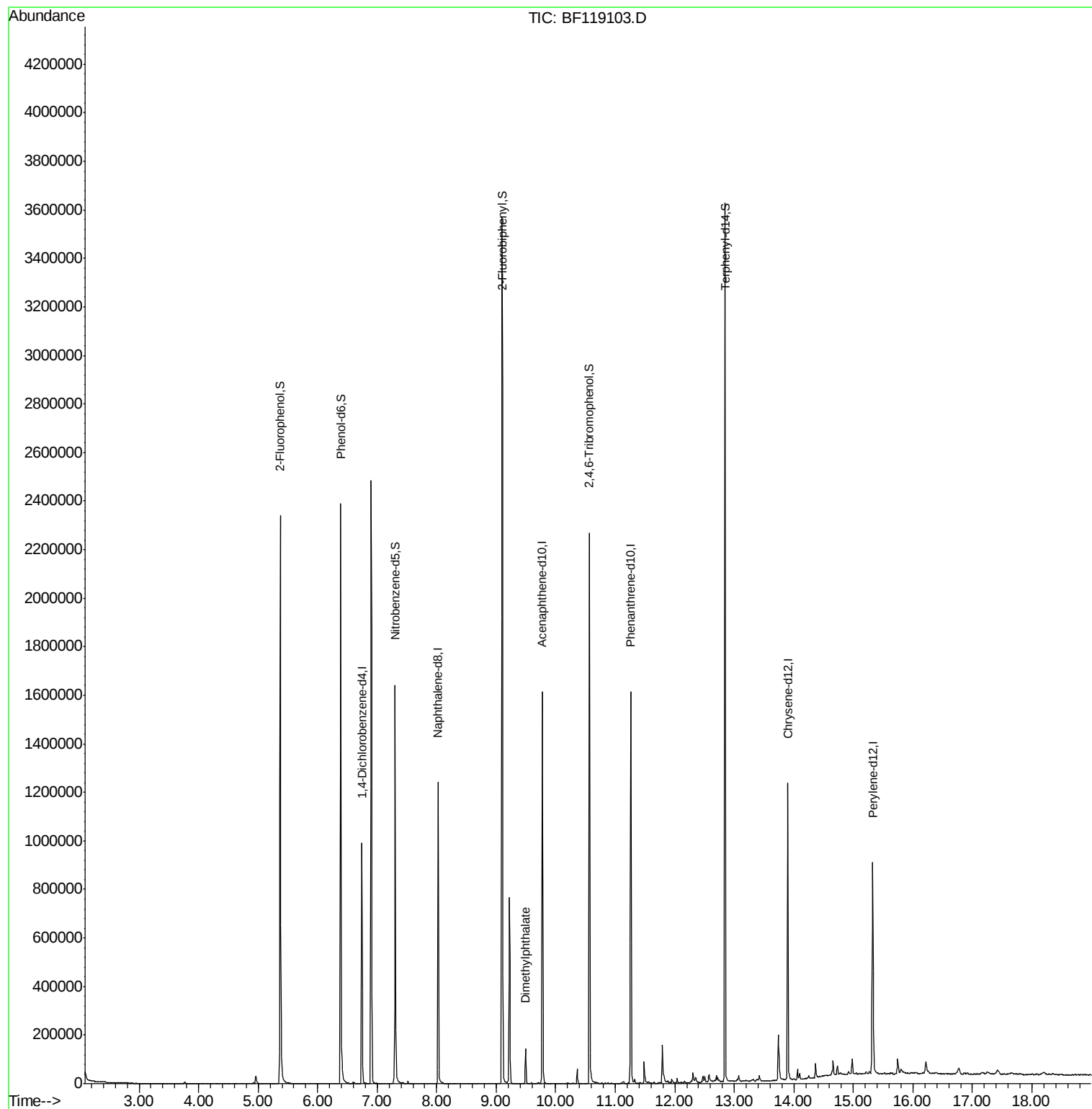
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	164672	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	629518	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	346548	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	639203	20.00	ng	0.00
76) Chrysene-d12	13.90	240	425051	20.00	ng	0.00
87) Perylene-d12	15.32	264	412787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	739323	75.03	ng	0.00
7) Phenol-d6	6.39	99	914789	76.34	ng	-0.02
23) Nitrobenzene-d5	7.30	82	596631	50.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	326203	71.95	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1200190	51.02	ng	-0.01
79) Terphenyl-d14	12.85	244	1366523	55.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	63018	2.378	ng	Qvalue 99

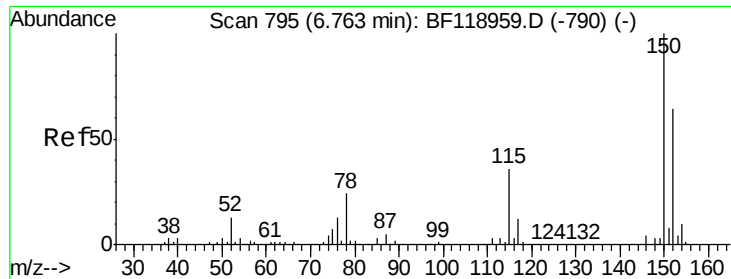
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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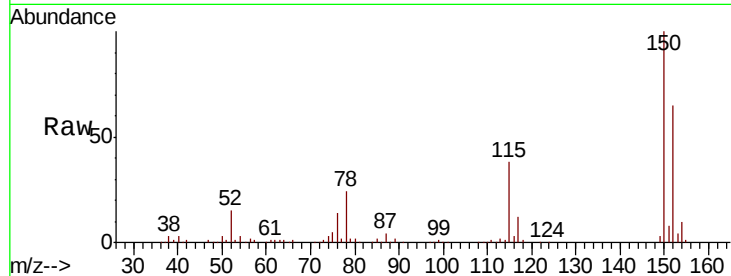


#1

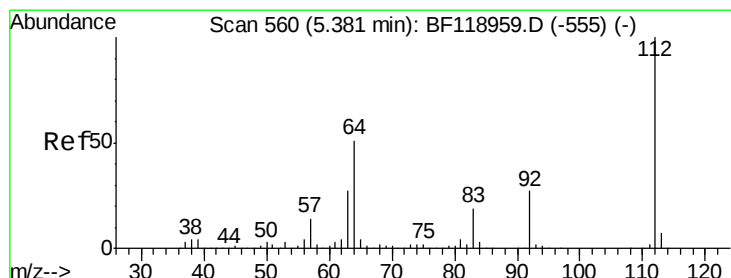
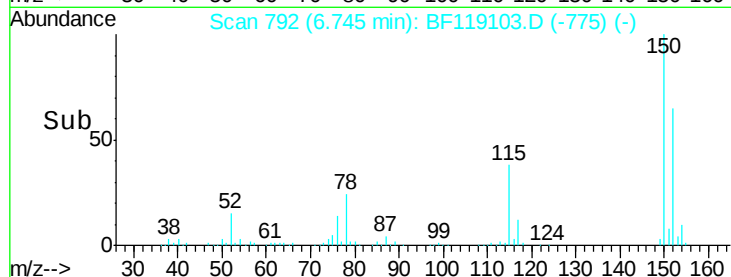
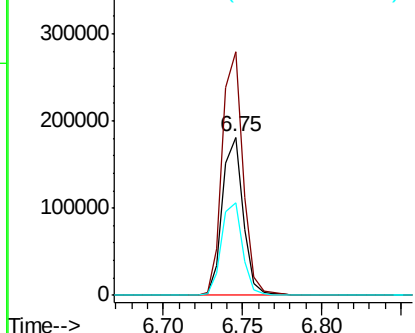
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion:152 Resp: 164672
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.6
 115 59.0 49.5 74.3



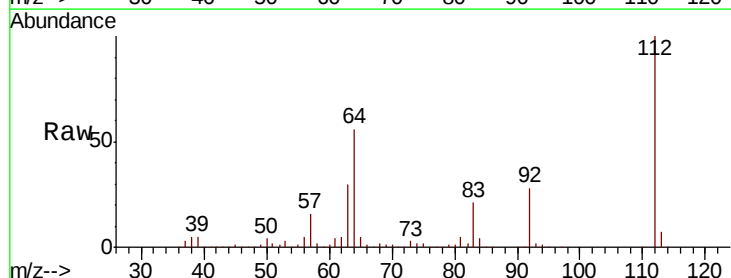
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



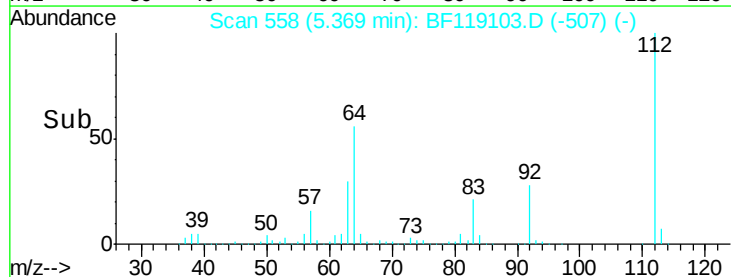
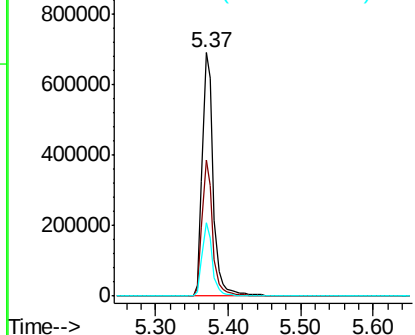
#5

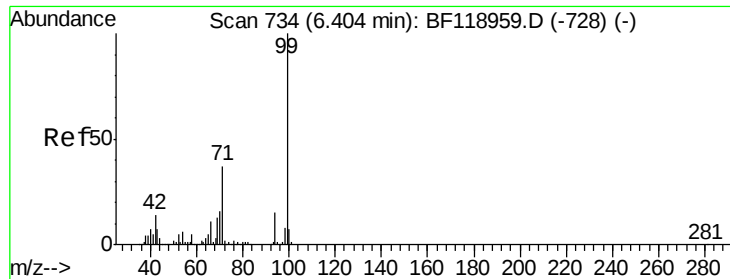
2-Fluorophenol
 Concen: 75.030 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Tgt Ion:112 Resp: 739323
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.0 67.4
 63 30.2 24.2 36.4



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: 76.335 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

S-1

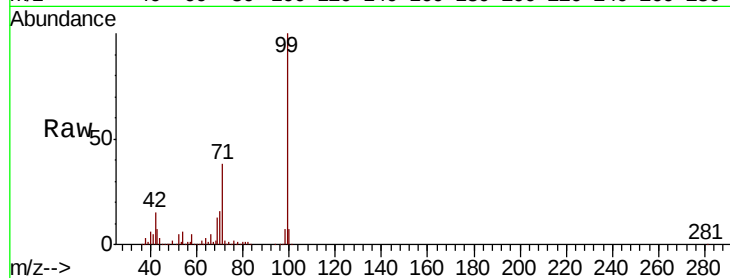
Tot Ion: 99 Resp: 914789

Ion Ratio Lower Upper

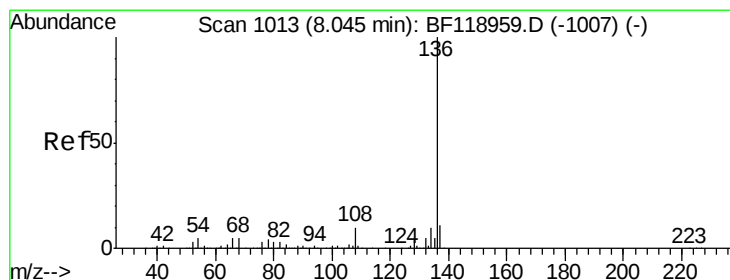
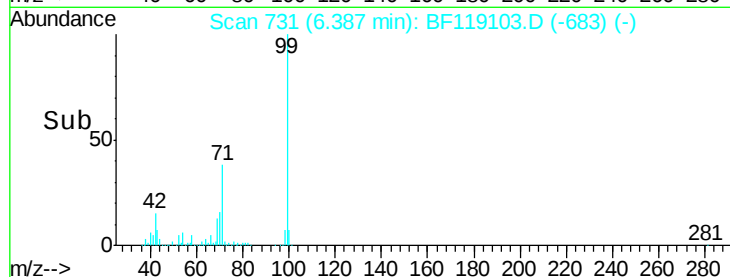
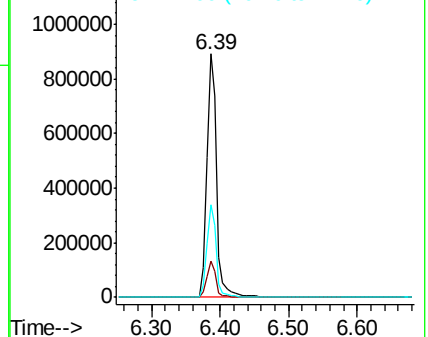
99 100

42 14.9 12.6 18.8

71 38.2 31.0 46.4



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Tgt Ion: 136 Resp: 629518

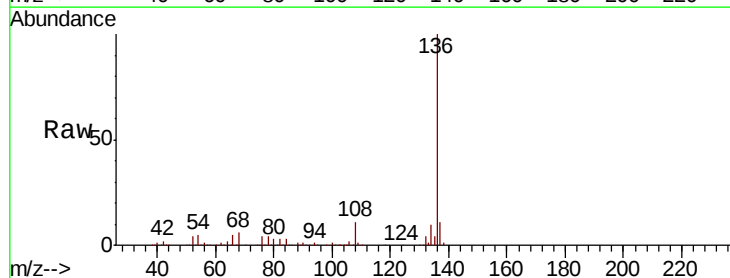
Ion Ratio Lower Upper

136 100

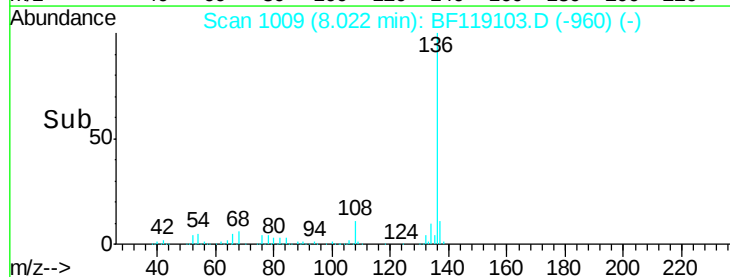
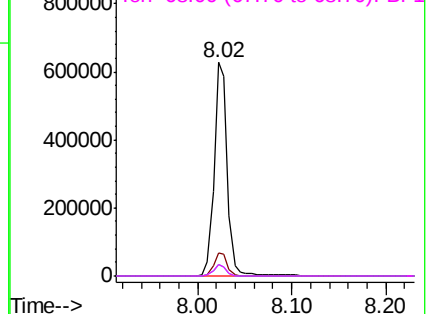
137 11.1 8.8 13.2

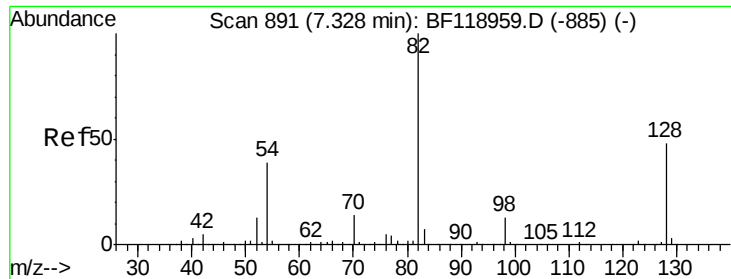
54 5.3 3.8 5.6

68 5.7 3.9 5.9



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

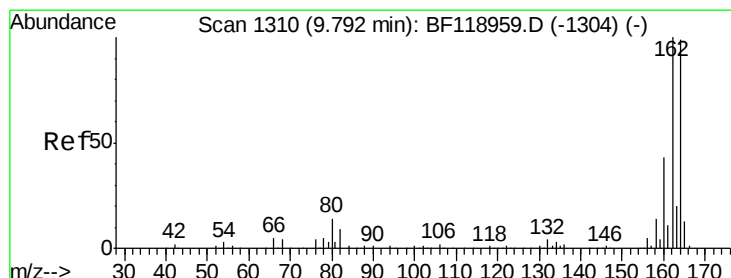
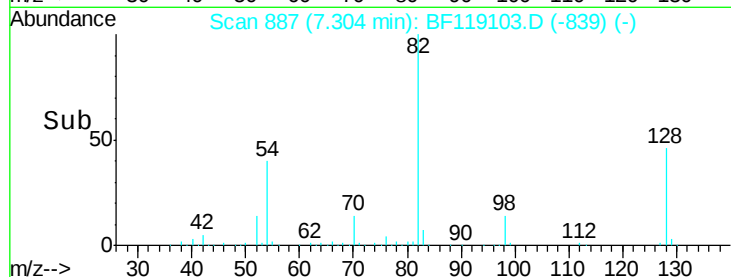
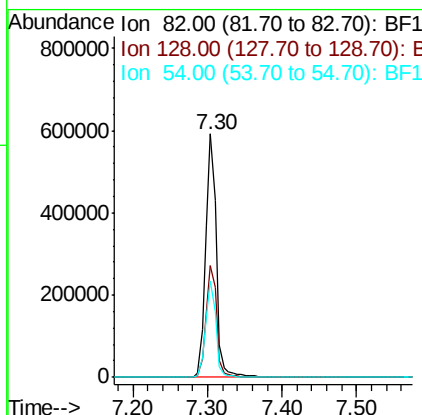
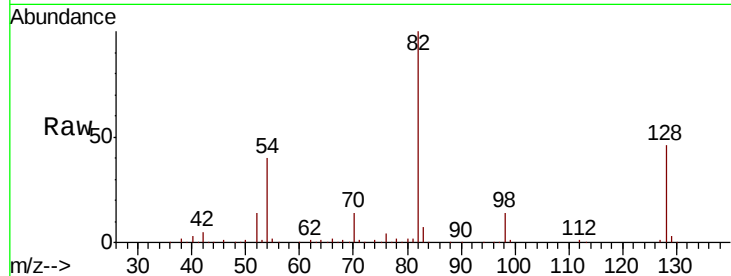




#23
 Nitrobenzene-d5
 Concen: 50.042 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

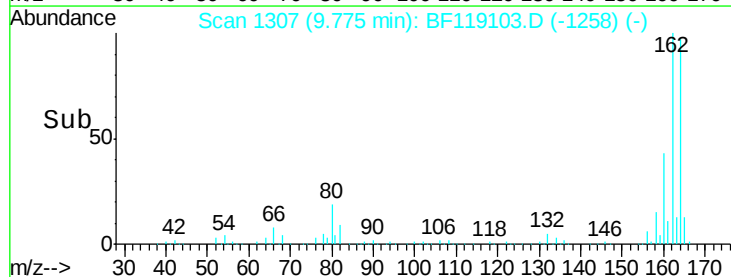
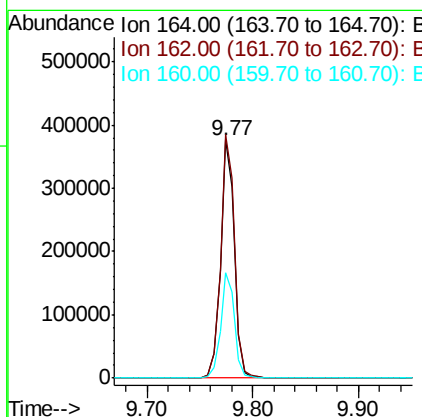
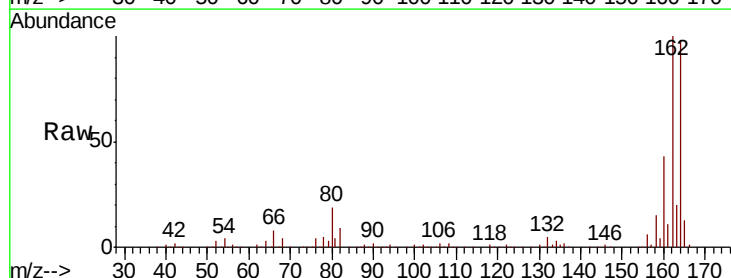
Instrument :
 BNA_F
 ClientSampleId :
 S-1

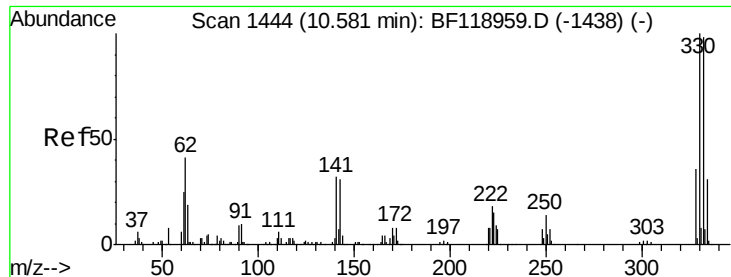
Tot Ion: 82 Resp: 596631
 Ion Ratio Lower Upper
 82 100
 128 46.0 37.9 56.9
 54 39.7 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Tgt Ion: 164 Resp: 346548
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.8
 160 44.2 36.0 54.0

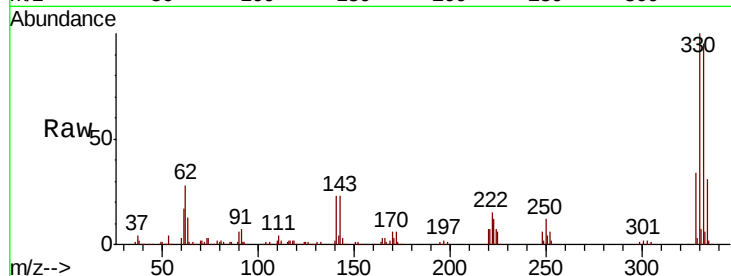




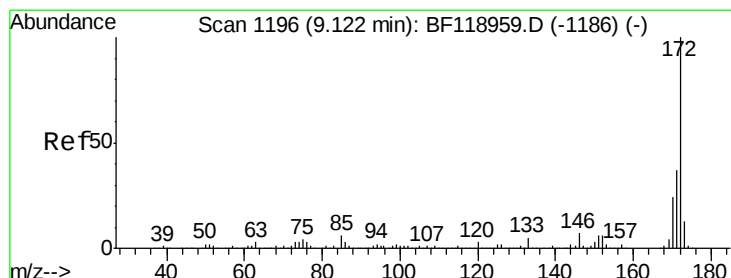
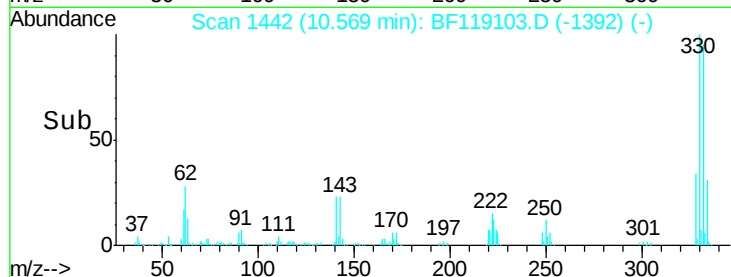
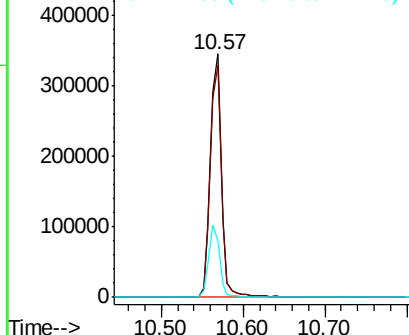
#42
 2,4,6-Tribromophenol
 Concen: 71.955 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	29.5	22.9	34.3

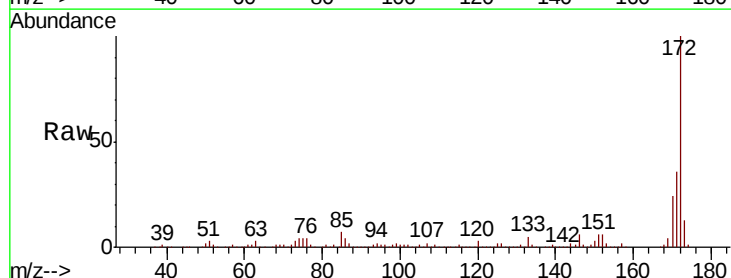


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

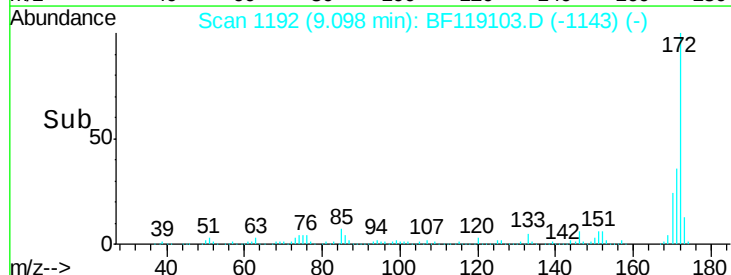
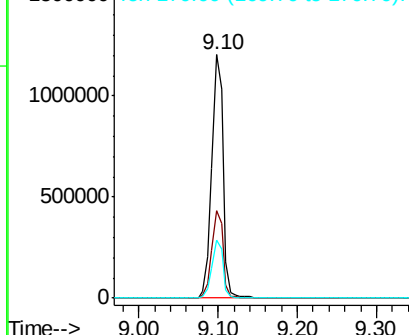


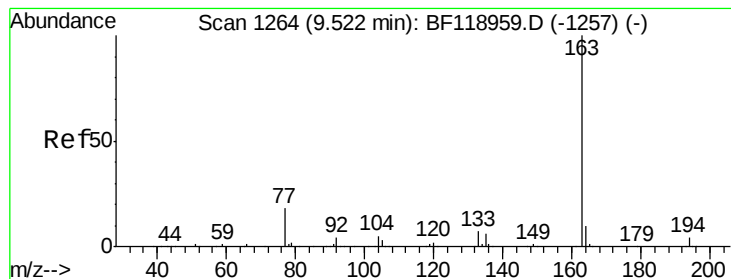
#45
 2-Fluorobiphenyl
 Concen: 51.020 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.8	20.2	30.2



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: 2.378 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

Instrument :

BNA_F

ClientSampleId :

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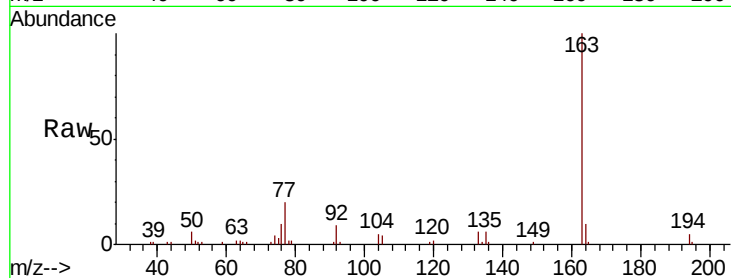
Tot Ion:163 Resp: 63018

Ion Ratio Lower Upper

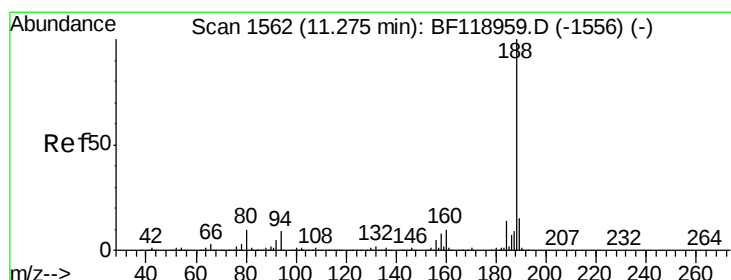
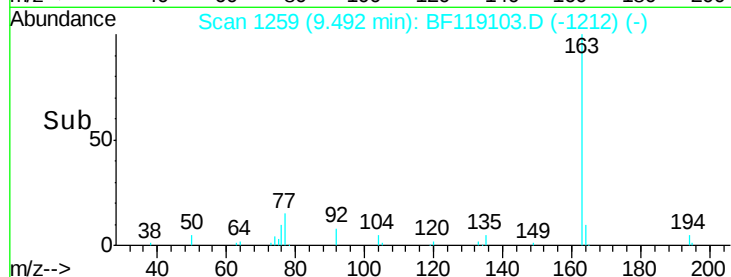
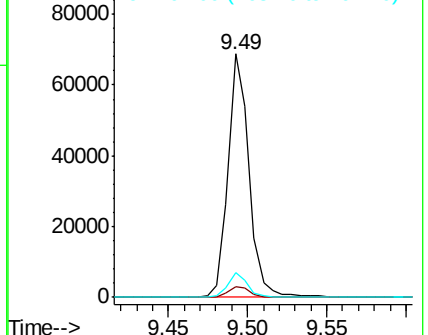
163 100

194 4.5 3.5 5.3

164 10.2 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119103.D

Acq: 27 Feb 2020 10:31

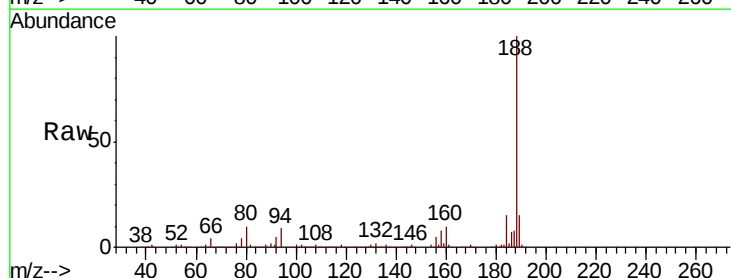
Tgt Ion:188 Resp: 639203

Ion Ratio Lower Upper

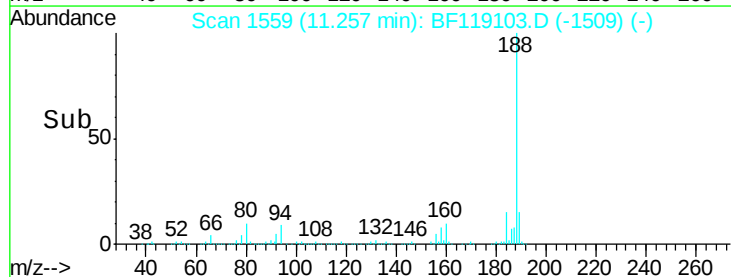
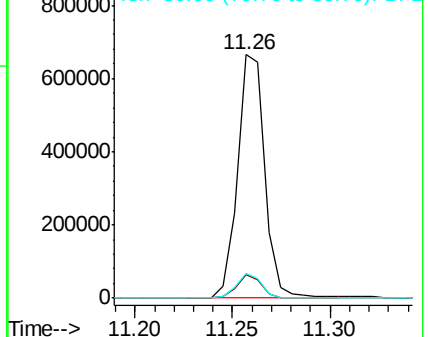
188 100

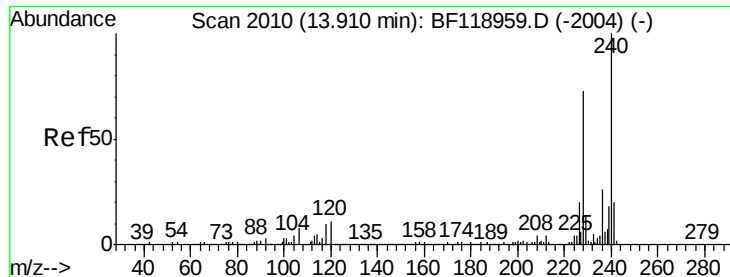
94 9.4 7.1 10.7

80 10.2 7.8 11.8



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

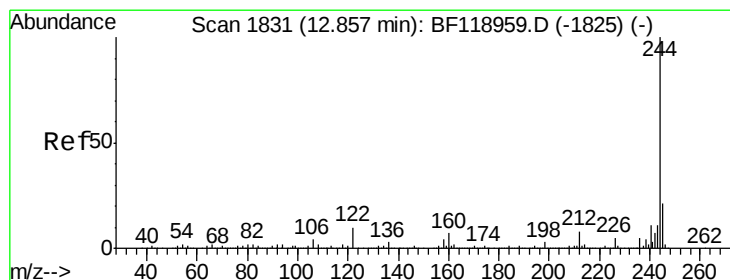
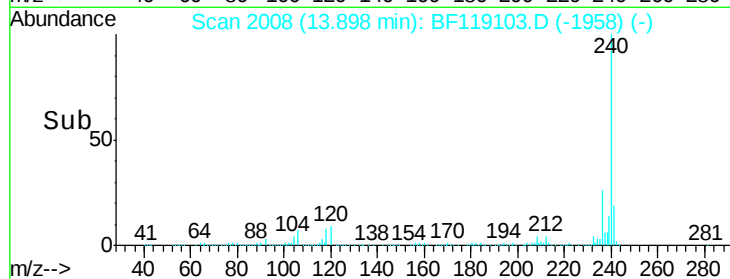
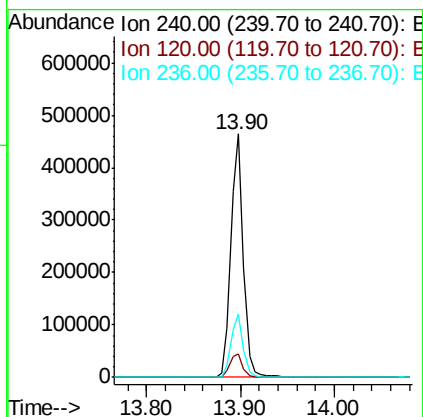
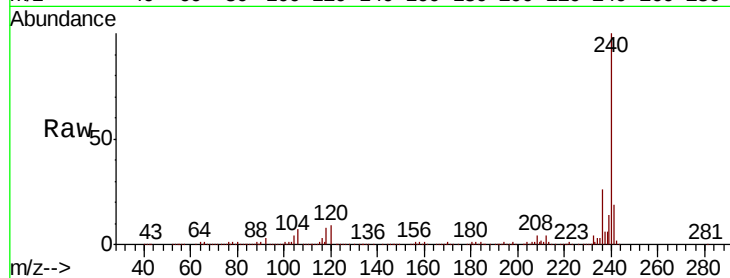




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

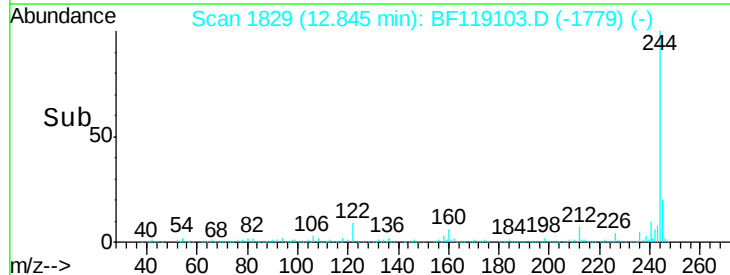
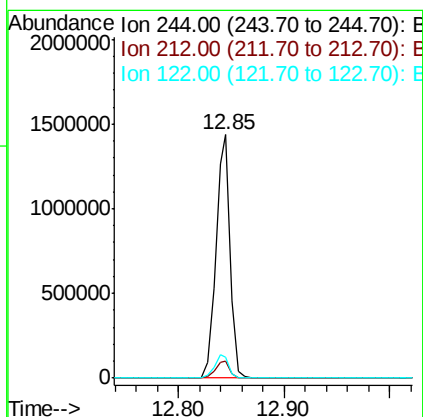
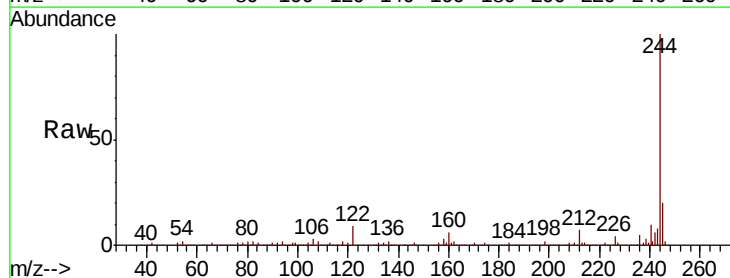
Instrument :
 BNA_F
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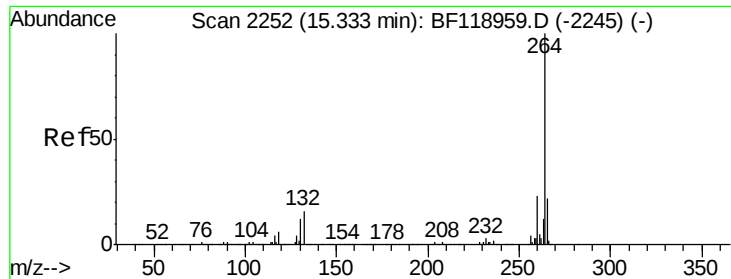
Tot Ion:240 Resp: 425051
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.4 12.6
 236 25.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 55.351 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119103.D
 Acq: 27 Feb 2020 10:31

Tgt Ion:244 Resp: 1366523
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 10.0
 122 8.8 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF119103.D
Acq: 27 Feb 2020 10:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 264 Resp: 412787

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.7	26.5

