

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119694.D
 Acq On : 2 Apr 2020 3:57
 Operator : MA/SJ
 Sample : L2089-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2D-(0-2)

Quant Time: Apr 02 08:02:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

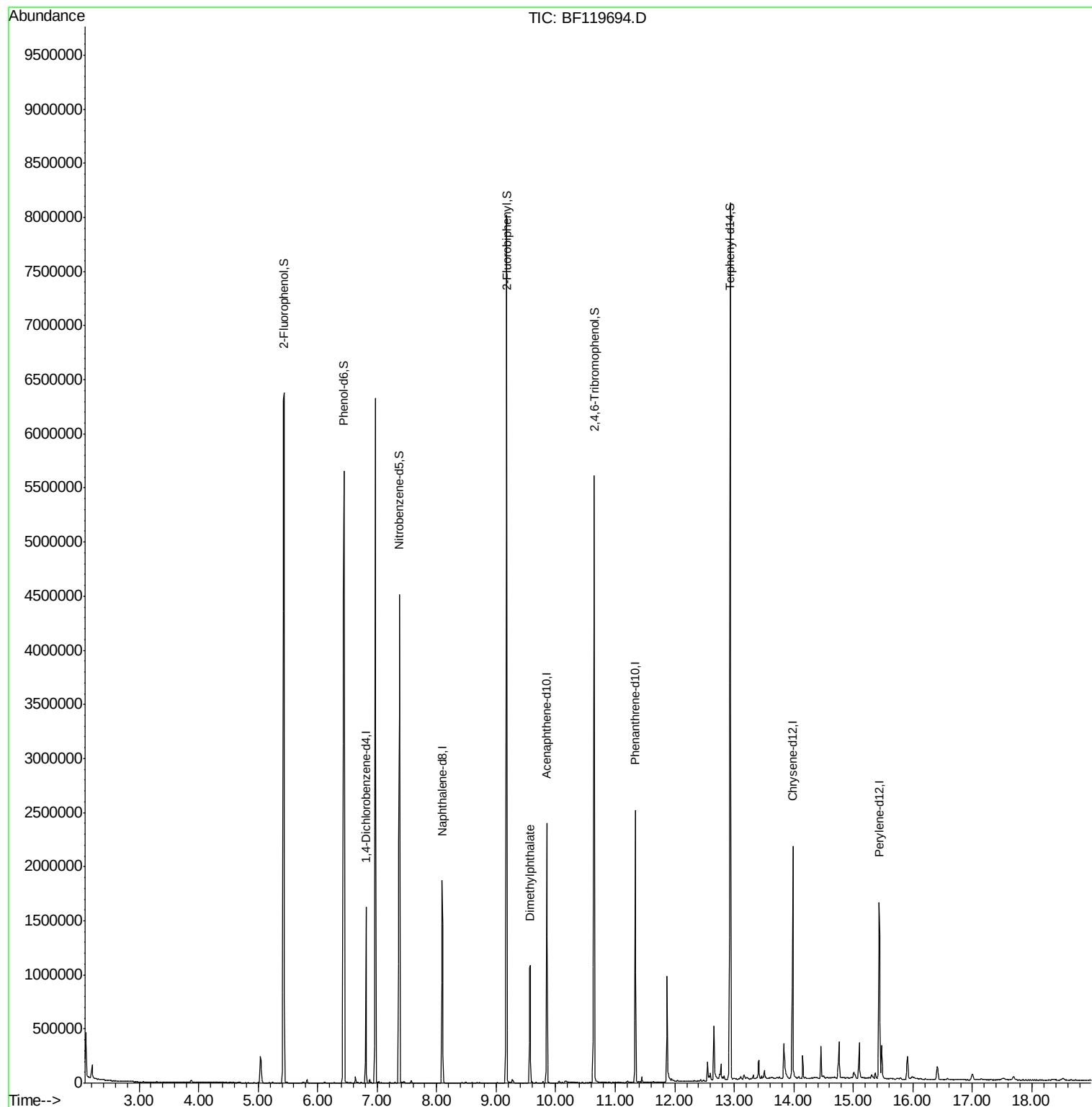
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	223861	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	861658	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	462011	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	918636	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	739278	20.00	ng	-0.02
87) Perylene-d12	15.43	264	742807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2025787	144.06	ng	0.02
7) Phenol-d6	6.44	99	2625429	146.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	1649708	104.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	794909	166.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2934618	94.10	ng	0.00
79) Terphenyl-d14	12.93	244	3150828	83.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	468780	14.285	ng	Qvalue 99

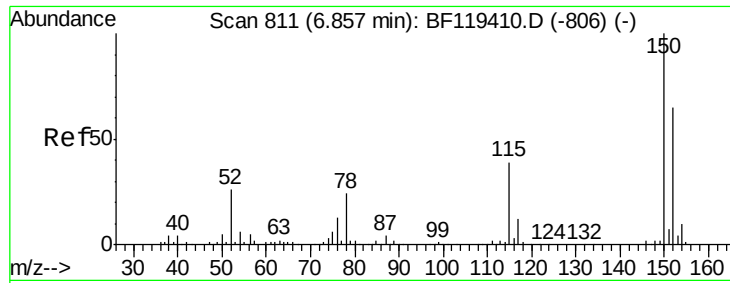
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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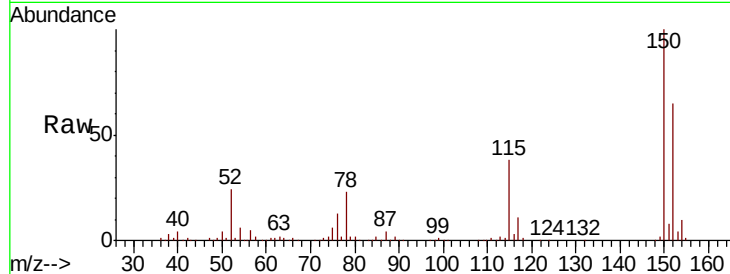


#1

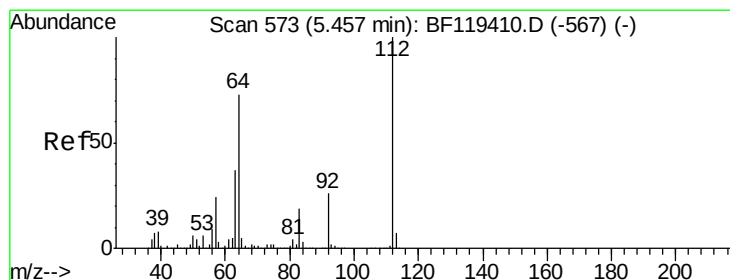
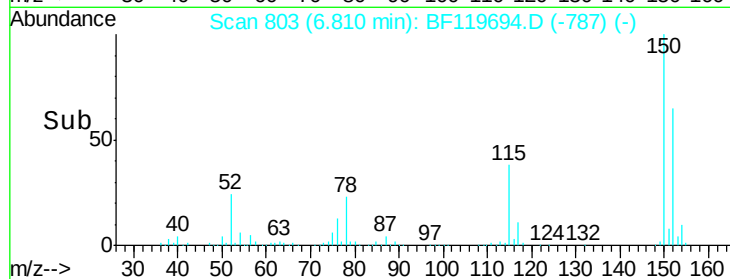
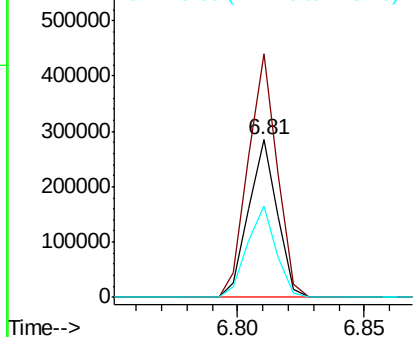
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Instrument :
BNA_F
ClientSampleId :
SB-2D-(0-2)

Tot Ion:152 Resp: 223861
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 58.2 49.6 74.4



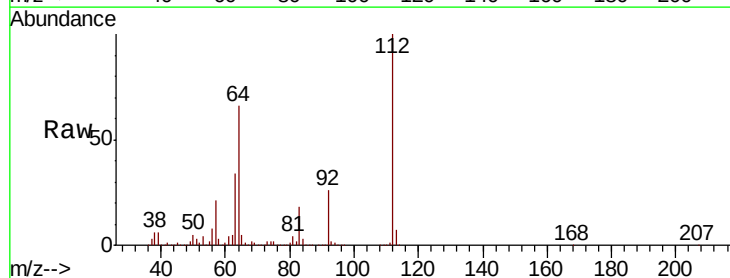
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



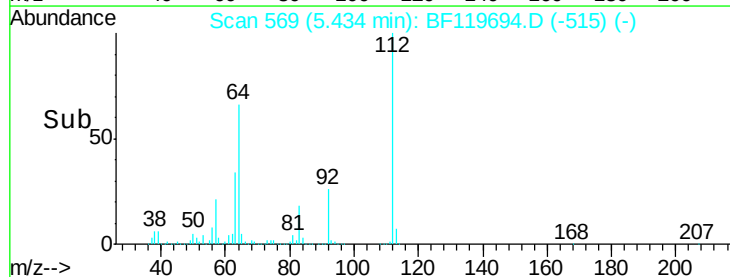
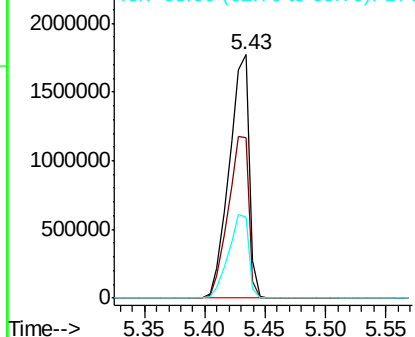
#5

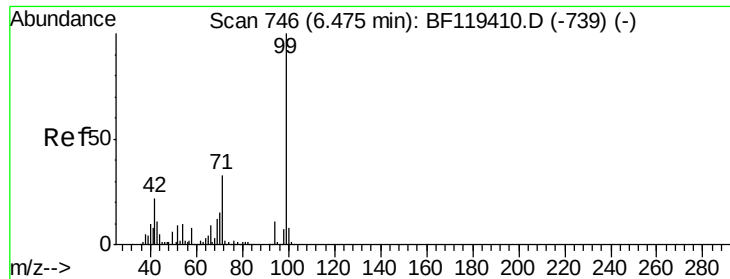
2-Fluorophenol
Concen: 144.056 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Tgt Ion:112 Resp: 2025787
Ion Ratio Lower Upper
112 100
64 66.0 56.7 85.1
63 33.5 29.5 44.3



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: 146.151 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

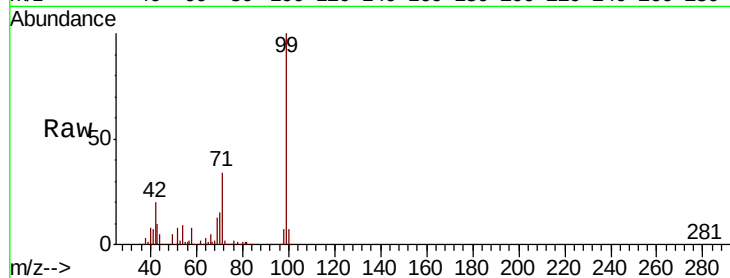
Tot Ion: 99 Resp: 2625429

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

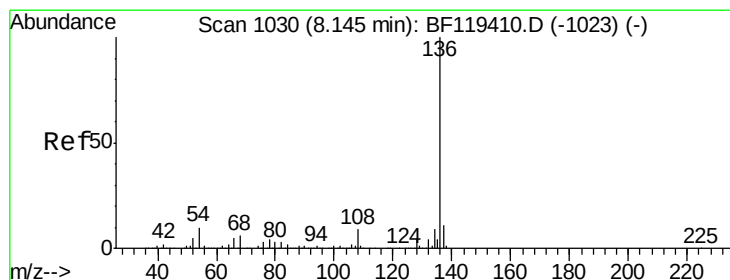
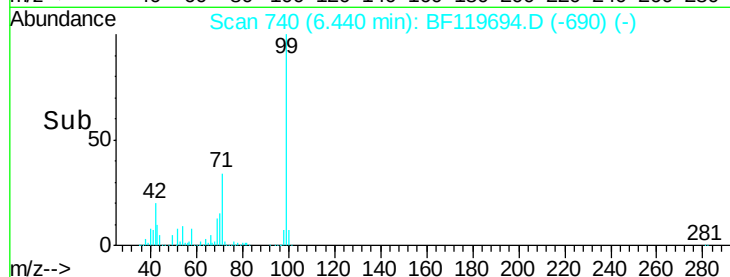
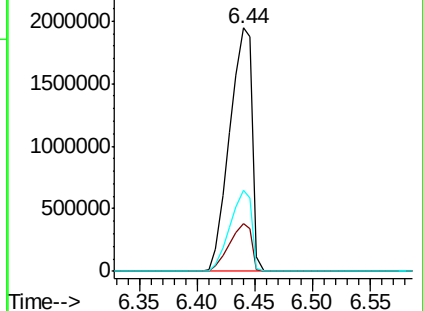
71 33.5 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Tgt Ion: 136 Resp: 861658

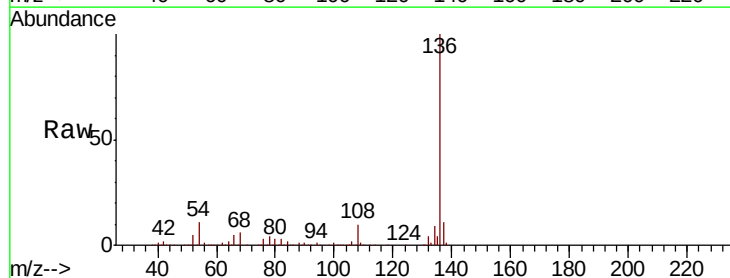
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.8 9.1 13.7

68 6.0 4.6 6.8

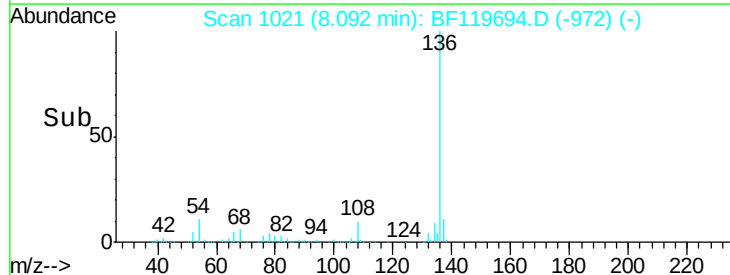
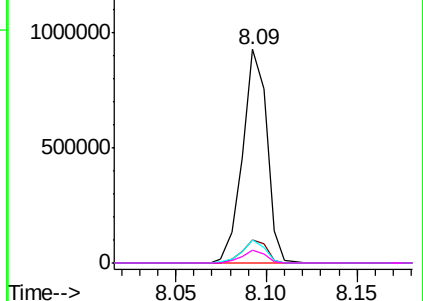


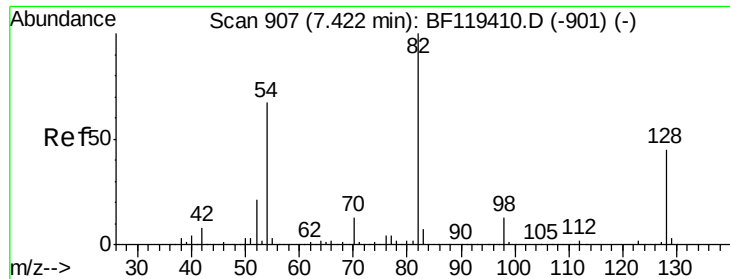
Abundance Ion 136.00 (135.70 to 136.70): E

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

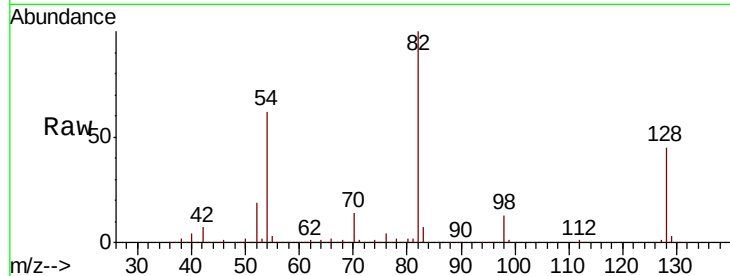




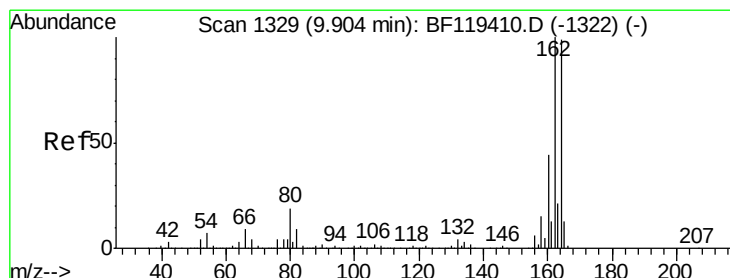
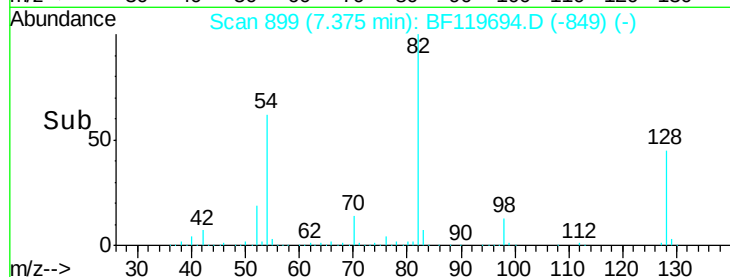
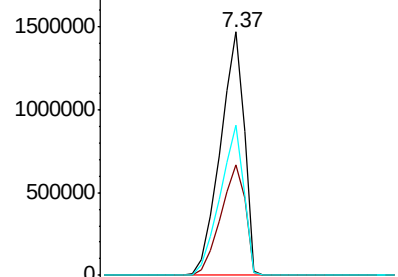
#23
Nitrobenzene-d5
Concen: 104.053 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Instrument :
BNA_F
ClientSampleId :
SB-2D-(0-2)

Tot Ion: 82 Resp: 1649708
Ion Ratio Lower Upper
82 100
128 45.2 36.3 54.5
54 61.7 50.6 75.8

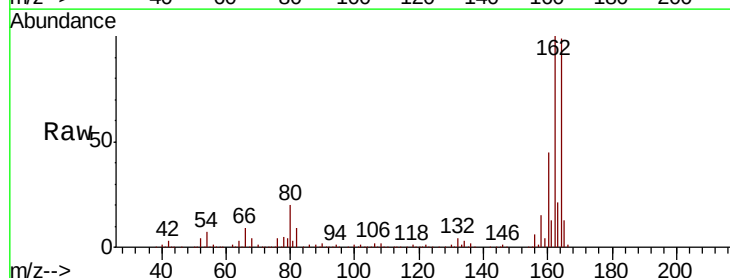


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

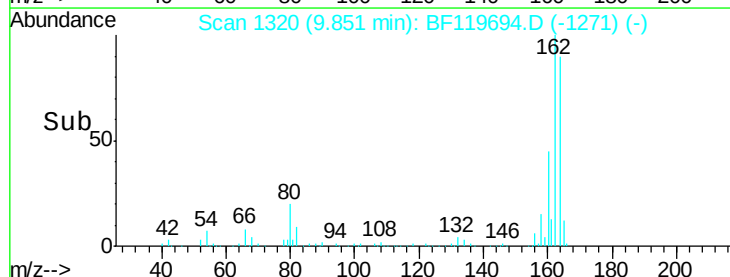
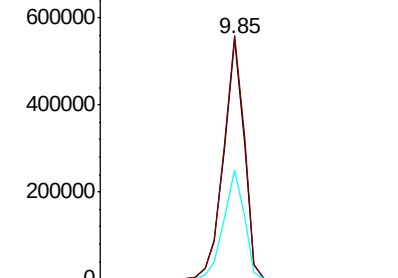


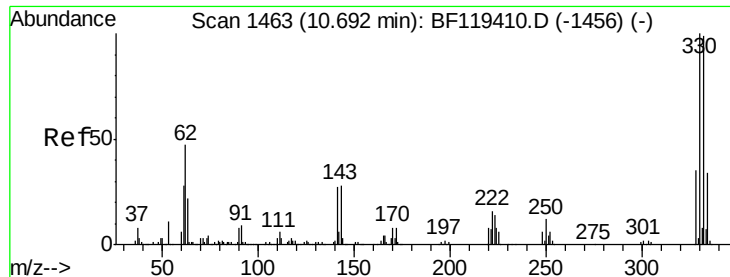
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Tgt Ion: 164 Resp: 462011
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 45.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
600000 Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

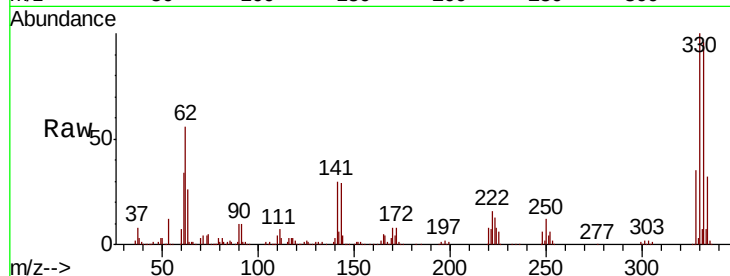




#42
 2,4,6-Tribromophenol
 Concen: 166.773 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-2D-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	29.9	25.4	38.0

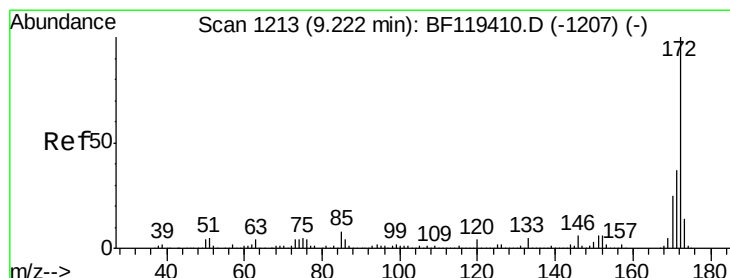
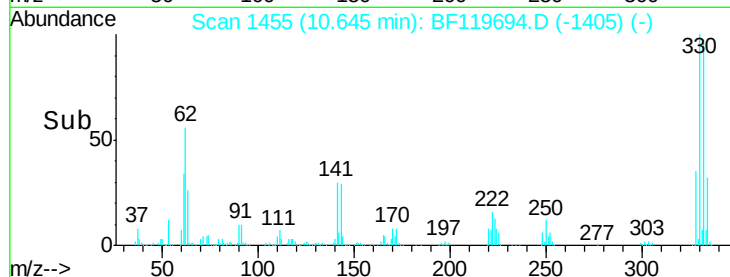
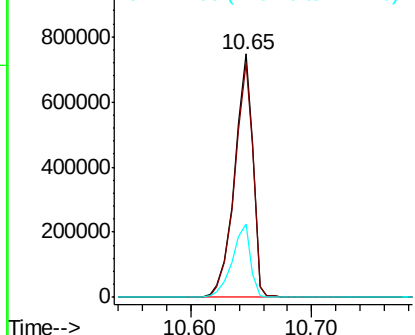


Abundance

Ion 329.80 (329.50 to 330.50): E

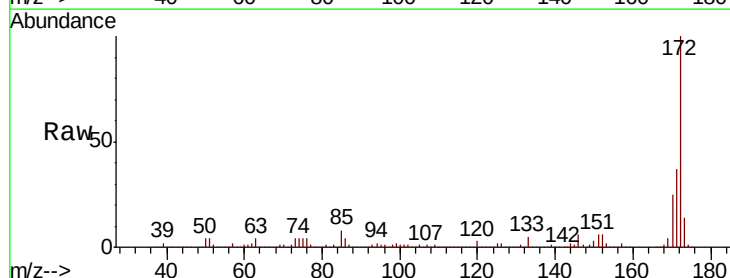
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.101 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.7	20.2	30.2

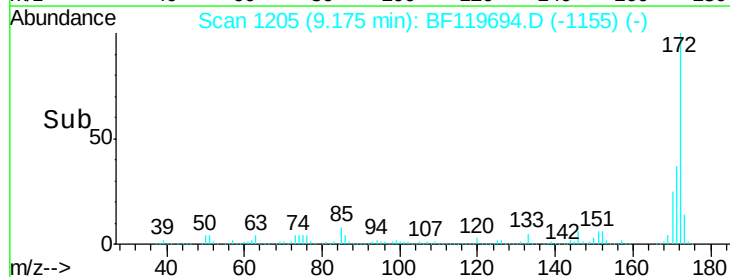
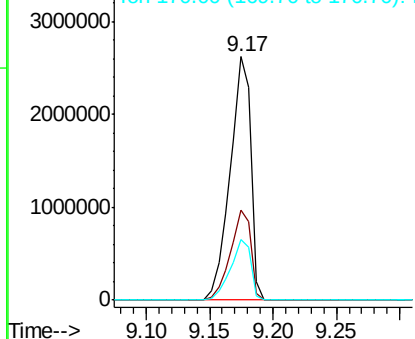


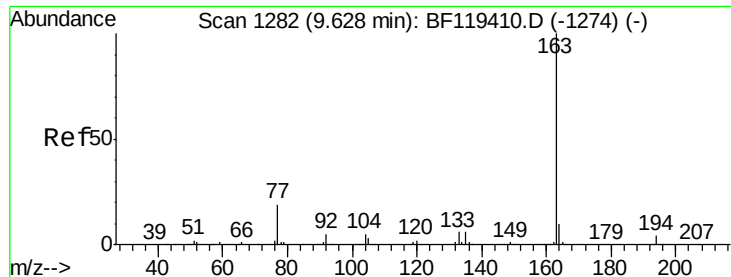
Abundance

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: 14.285 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

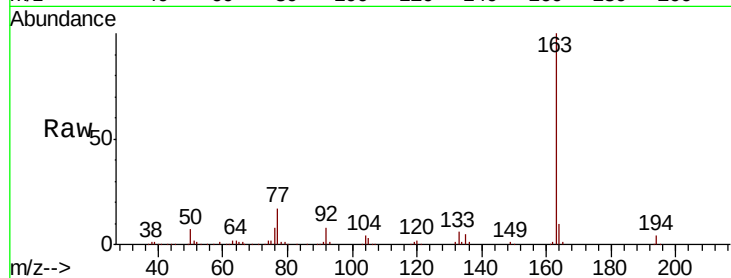
Tot Ion:163 Resp: 468780

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

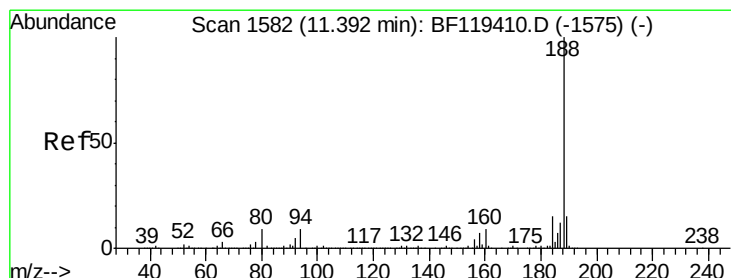
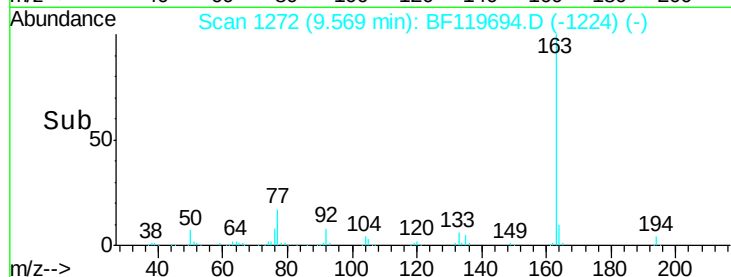
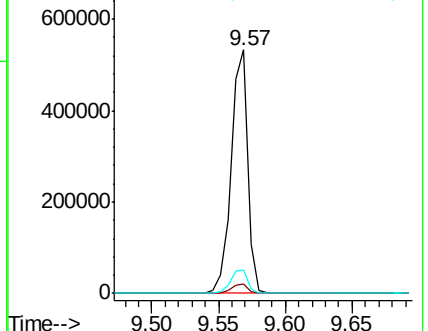
164 9.6 8.2 12.2



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: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

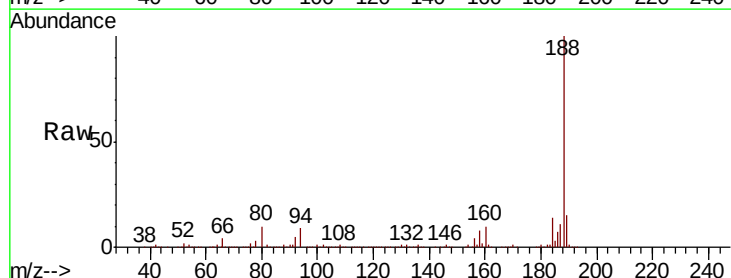
Tgt Ion:188 Resp: 918636

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

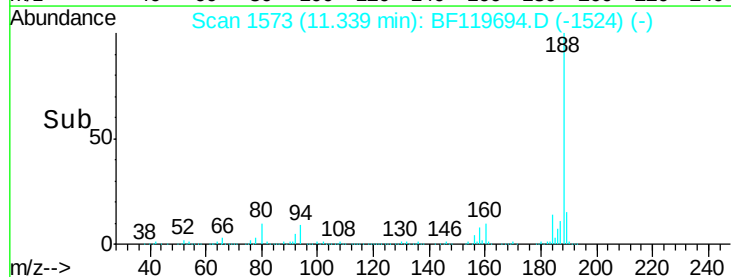
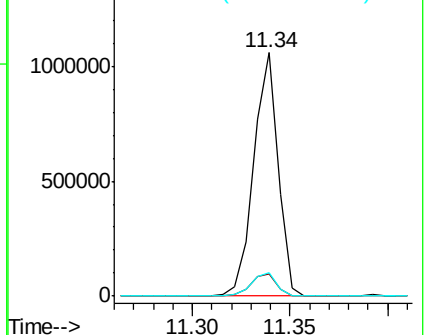
80 9.5 9.0 13.4

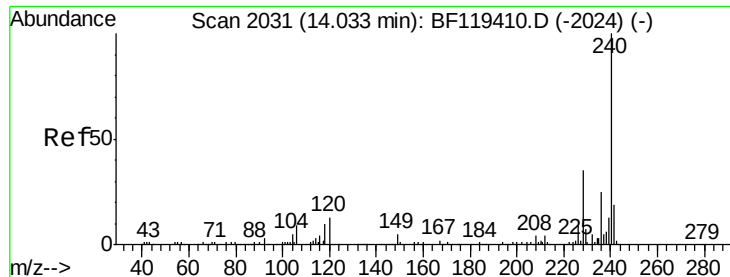


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

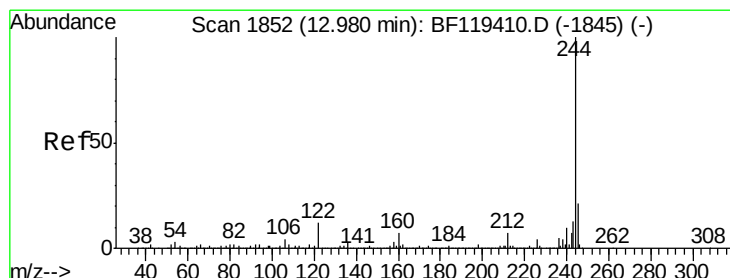
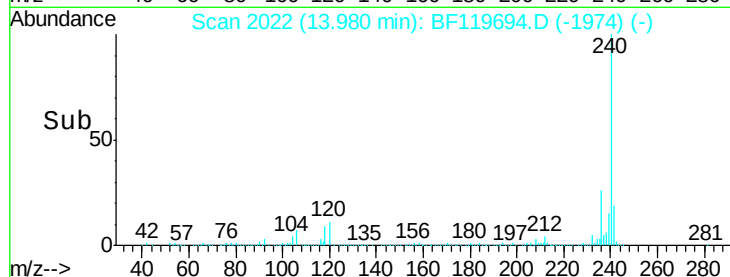
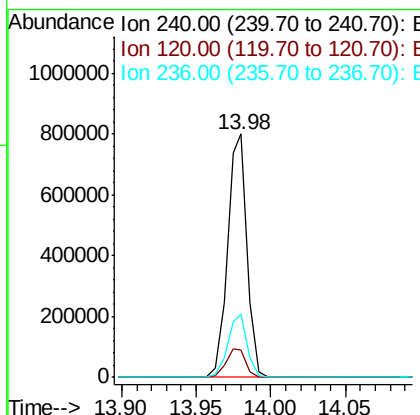
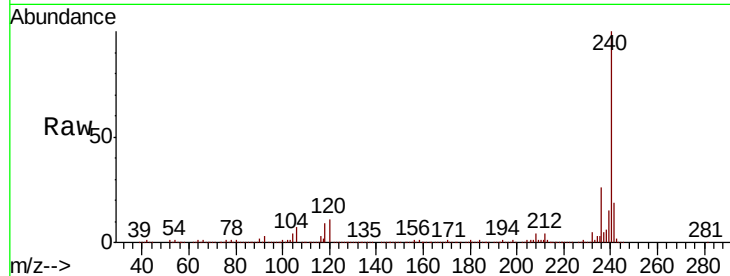




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

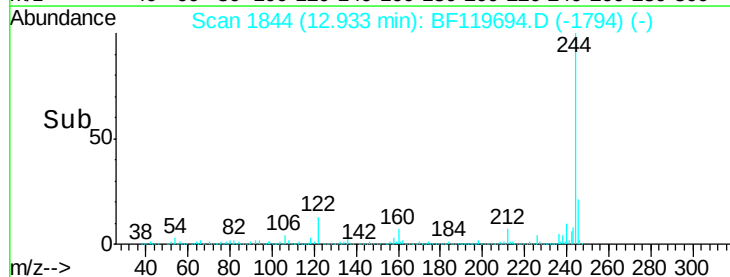
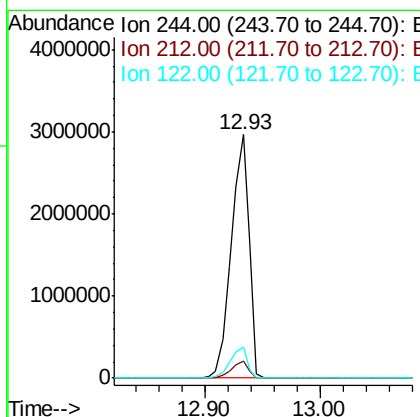
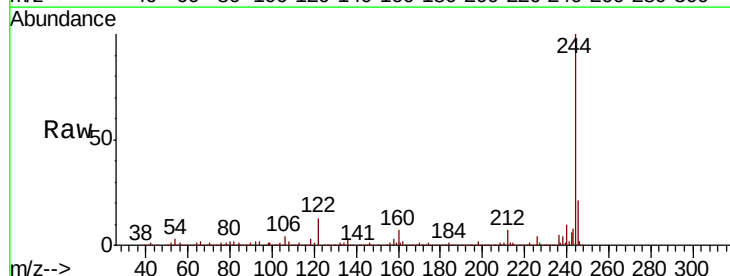
Instrument :
 BNA_F
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 SB-2D-(0-2)

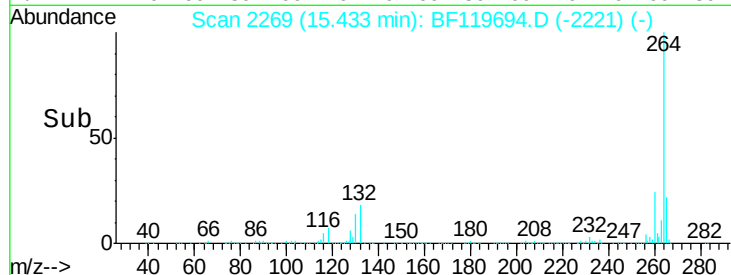
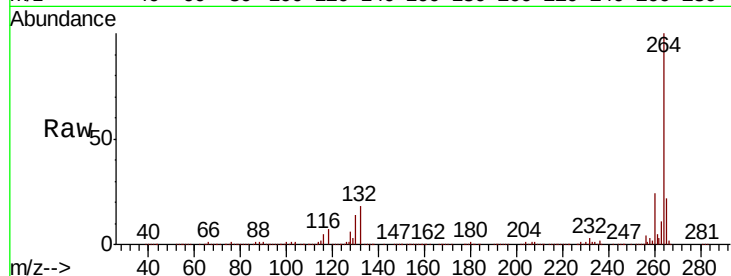
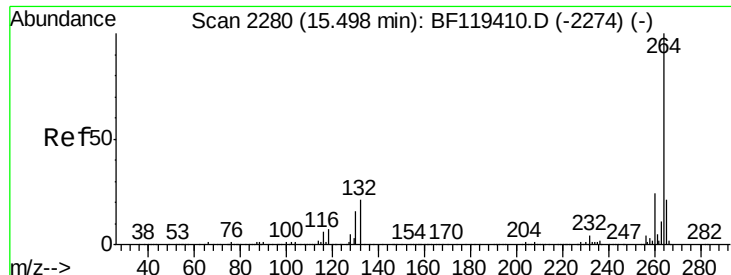
Tot Ion:240 Resp: 739278
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 25.7 20.2 30.2



#79
 Terphenyl-d14
 Concen: 83.502 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

Tgt Ion:244 Resp: 3150828
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Instrument :
BNA_F
ClientSampleId :
SB-2D-(0-2)

Tot Ion:	264	Resp:	742807
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.6	17.7	26.5

