

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119601.D
 Acq On : 28 Mar 2020 7:21
 Operator : CG/JU
 Sample : L2049-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(1-3)

Quant Time: Mar 28 09:36:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

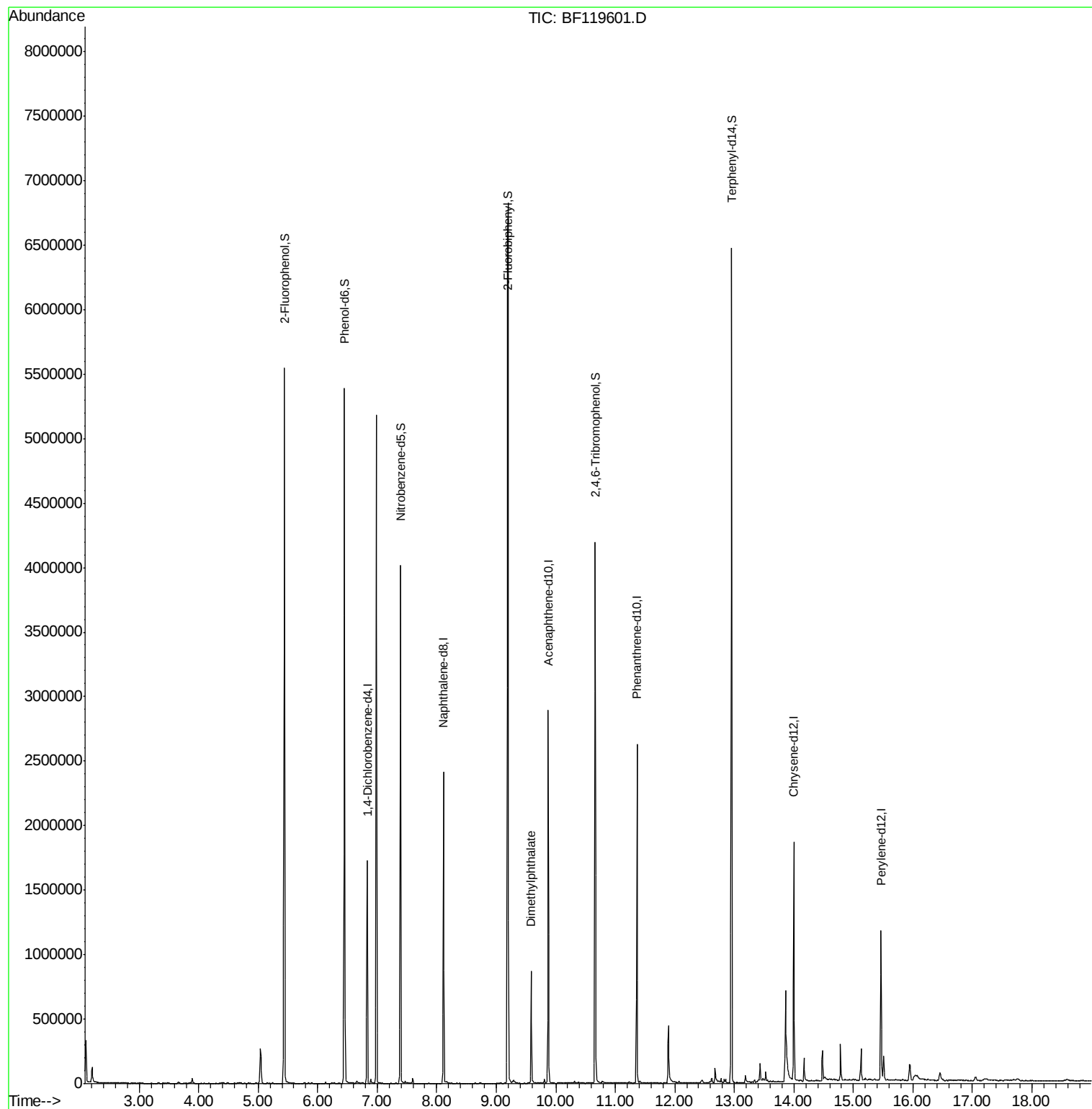
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	266750	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1014315	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	539048	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	945462	20.00	ng	0.00
76) Chrysene-d12	14.00	240	657202	20.00	ng	-0.01
87) Perylene-d12	15.46	264	535498	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1595461	95.21	ng	0.00
7) Phenol-d6	6.45	99	1978873	92.45	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1183518	63.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	475634	85.53	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2299297	63.19	ng	0.00
79) Terphenyl-d14	12.95	244	2351597	70.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	311296	8.130	ng	Qvalue 99

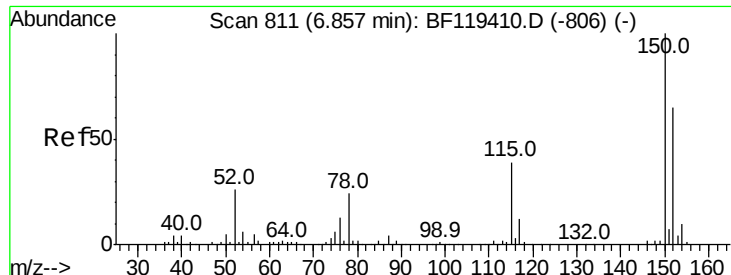
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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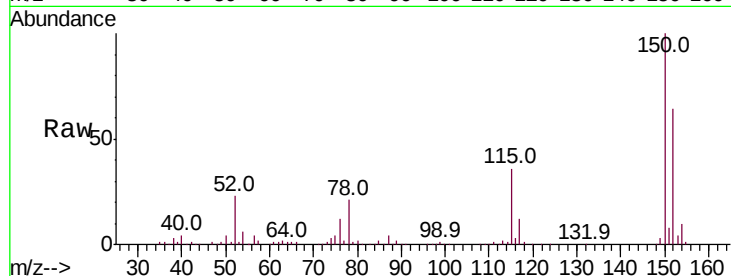


#1

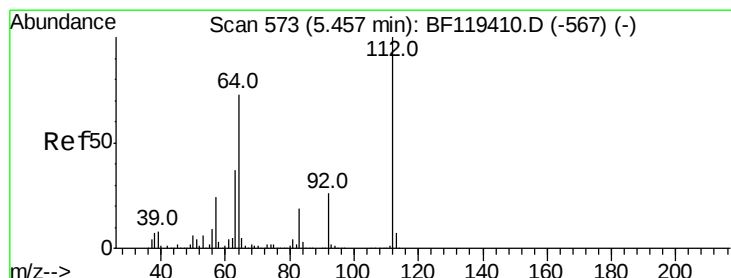
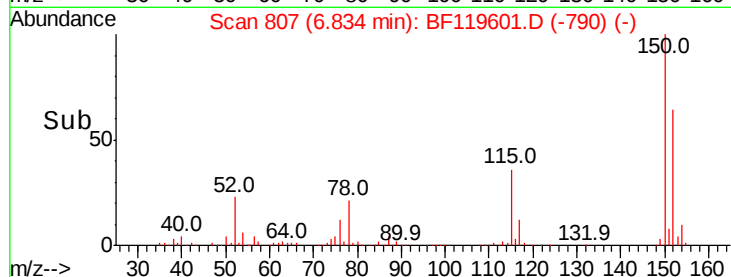
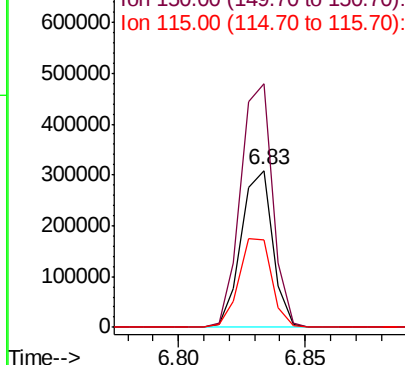
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Instrument :
BNA_F
ClientSampleId :
SB-1-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.5	186.7
115	55.5	49.6	74.4



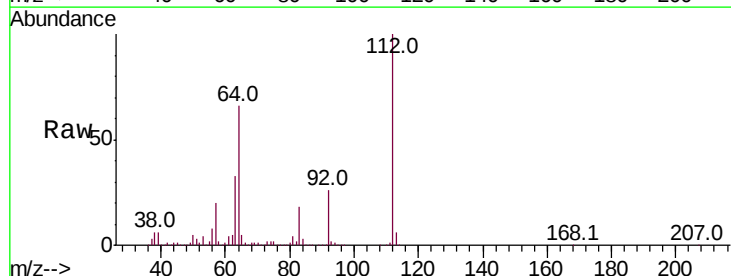
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



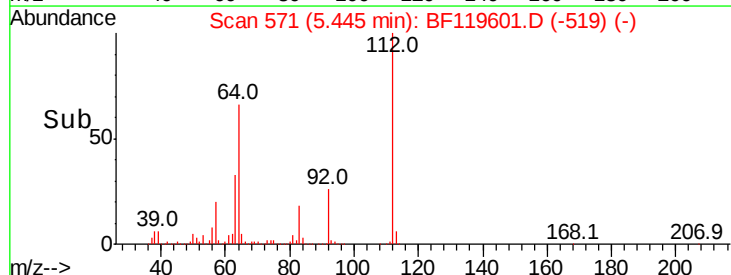
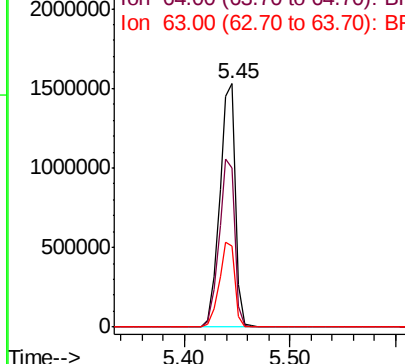
#5

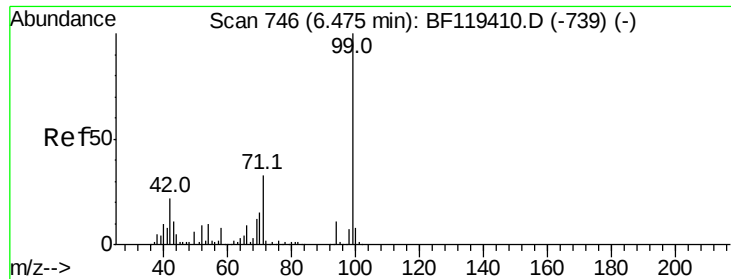
2-Fluorophenol
Concen: 95.214 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.7	85.1
63	33.4	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: 92.447 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

SB-1-(1-3)

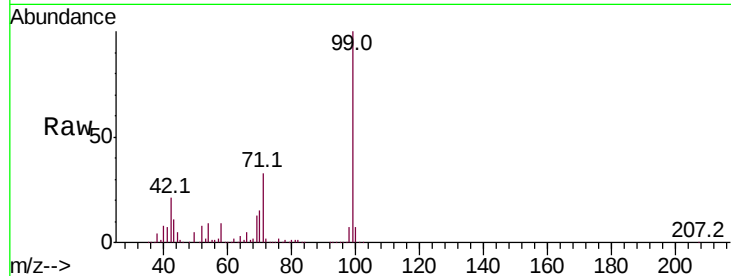
Tot Ion: 99 Resp: 1978873

Ion Ratio Lower Upper

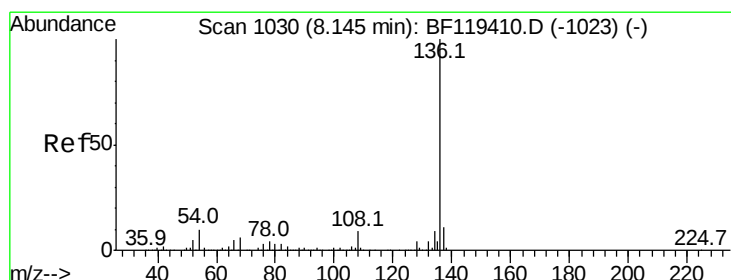
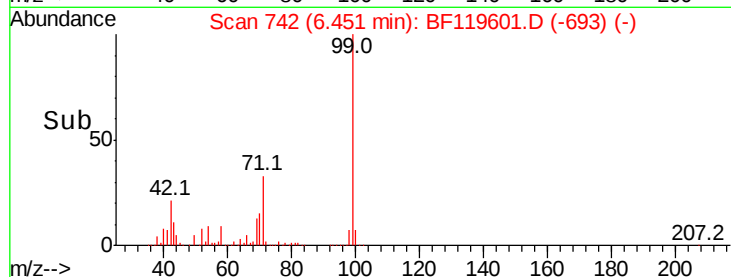
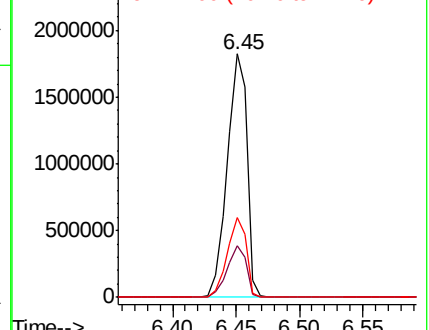
99 100

42 21.3 16.6 24.8

71 32.9 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Tgt Ion: 136 Resp: 1014315

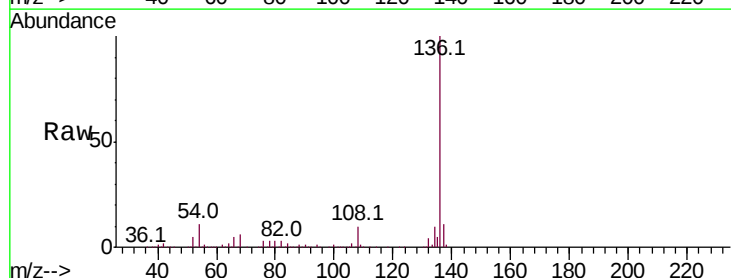
Ion Ratio Lower Upper

136 100

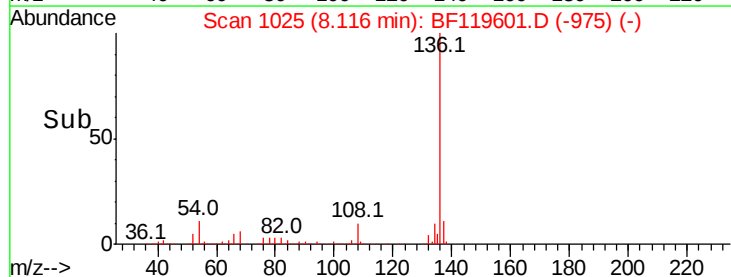
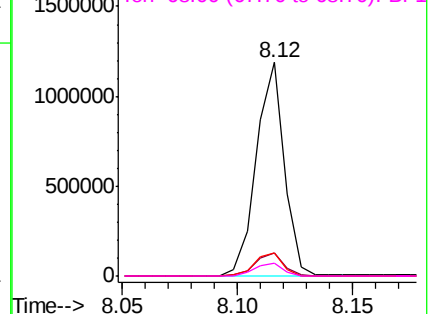
137 11.0 8.7 13.1

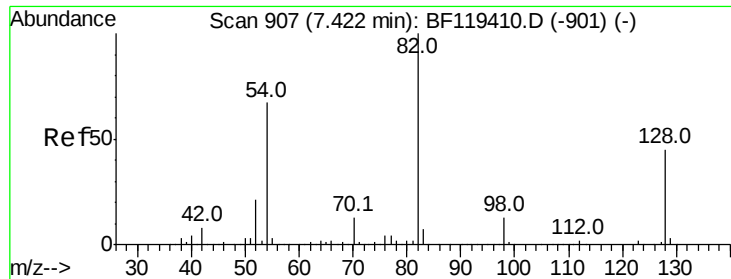
54 10.8 9.1 13.7

68 5.9 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

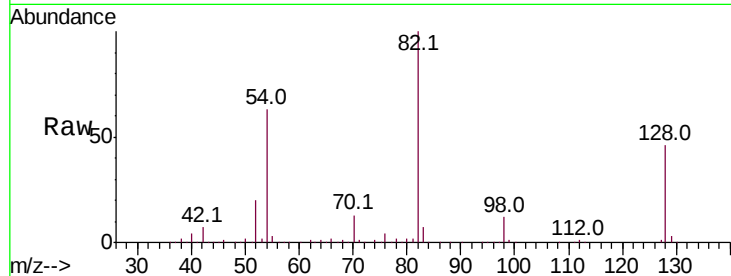




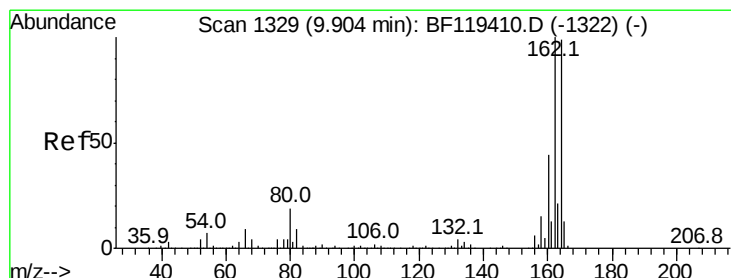
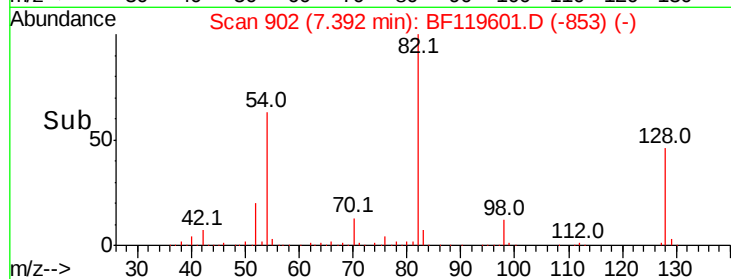
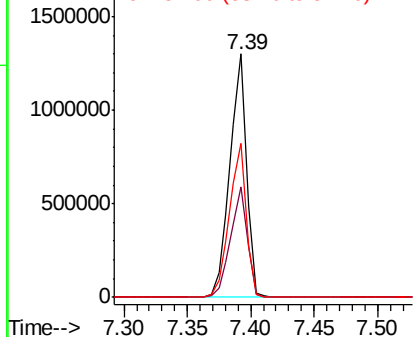
#23
Nitrobenzene-d5
Concen: 63.414 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Instrument :
BNA_F
ClientSampleId :
SB-1-(1-3)

Tot Ion: 82 Resp: 1183518
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 63.4 50.6 75.8

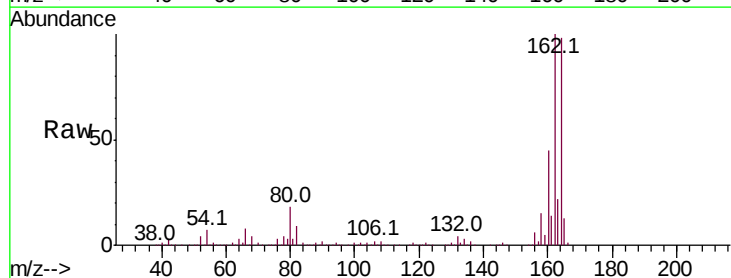


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

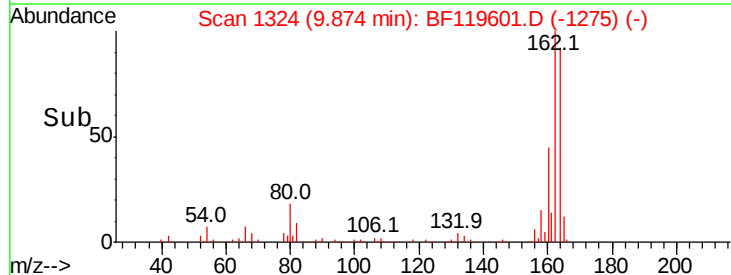
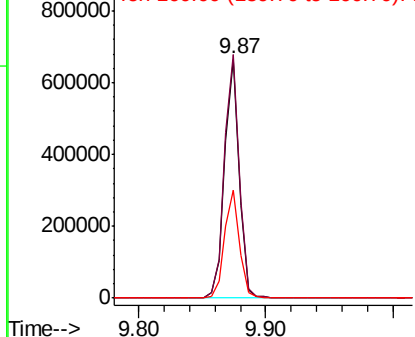


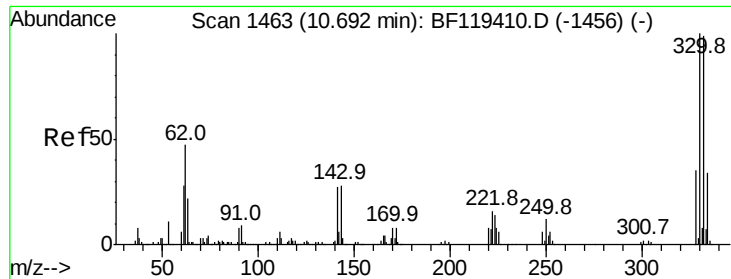
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Tgt Ion:164 Resp: 539048
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 45.4 35.7 53.5



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

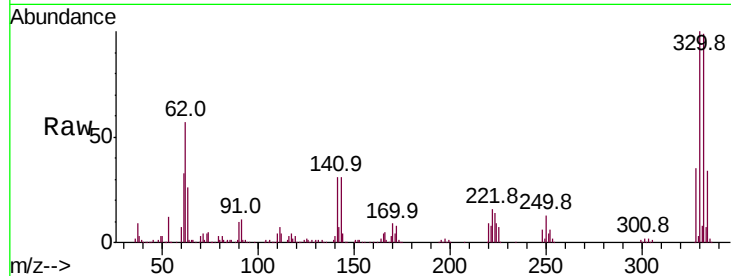




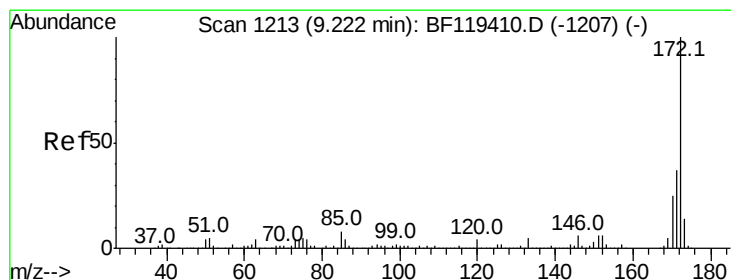
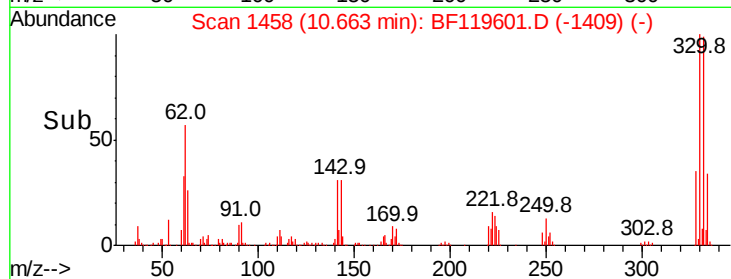
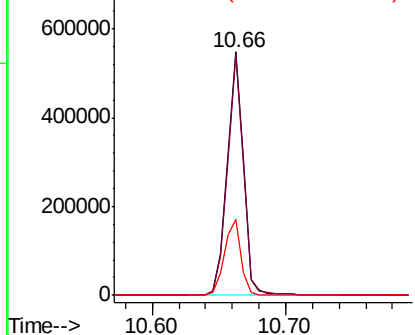
#42
 2,4,6-Tribromophenol
 Concen: 85.528 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119601.D
 Acq: 28 Mar 2020 7:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-1-(1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.7	113.5
141	31.7	25.4	38.0

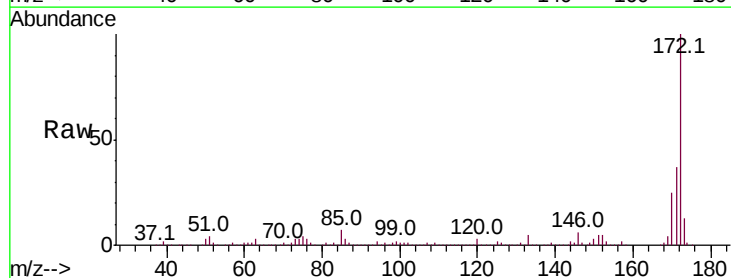


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

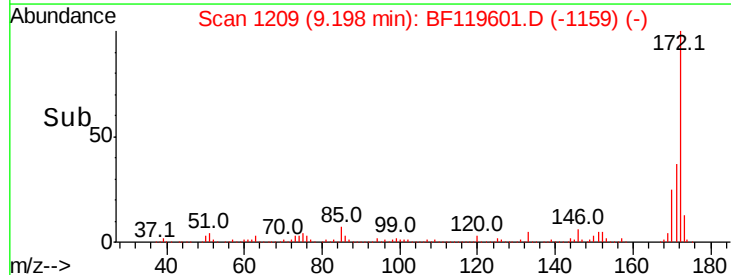
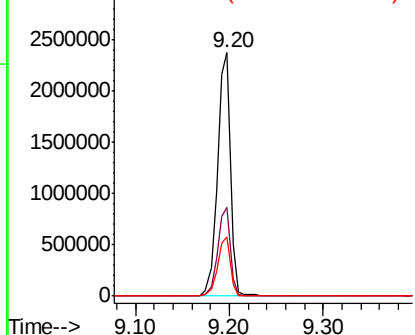


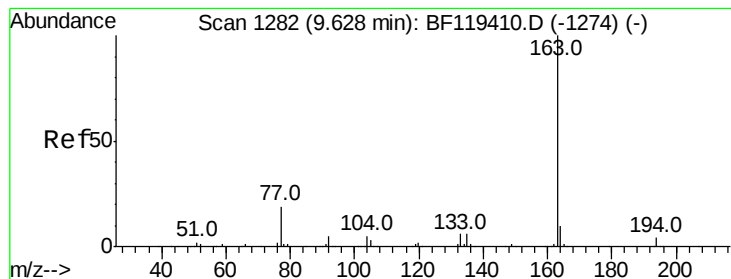
#45
 2-Fluorobiphenyl
 Concen: 63.192 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119601.D
 Acq: 28 Mar 2020 7:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	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: 8.130 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

SB-1-(1-3)

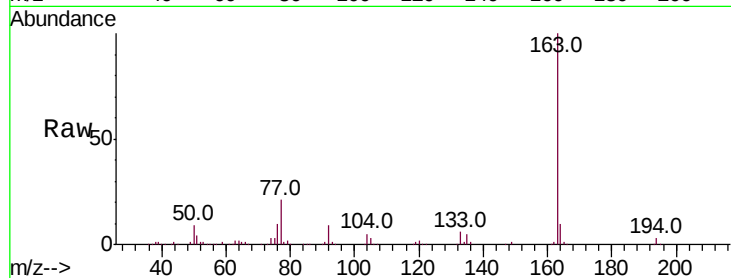
Tot Ion:163 Resp: 311296

Ion Ratio Lower Upper

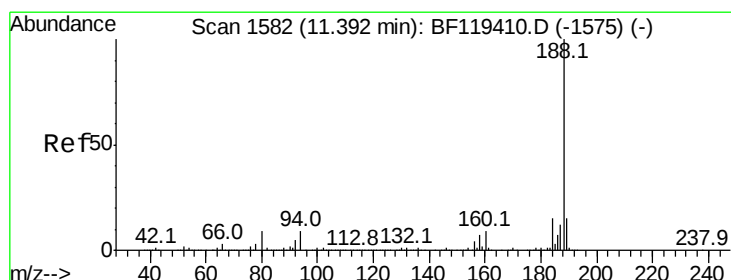
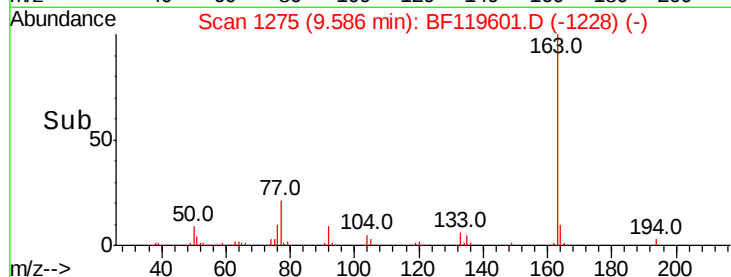
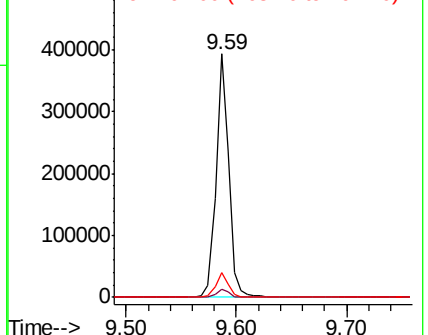
163 100

194 3.5 3.1 4.7

164 10.3 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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

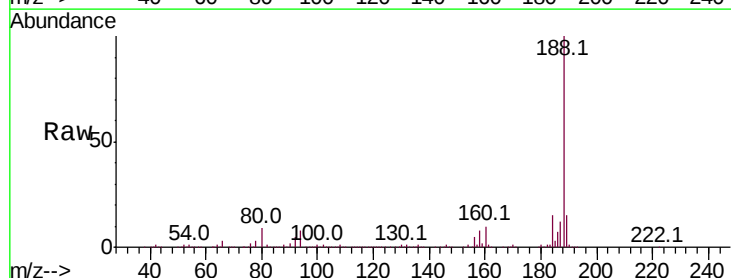
Tgt Ion:188 Resp: 945462

Ion Ratio Lower Upper

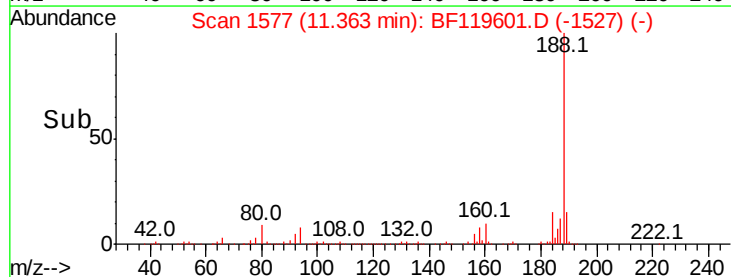
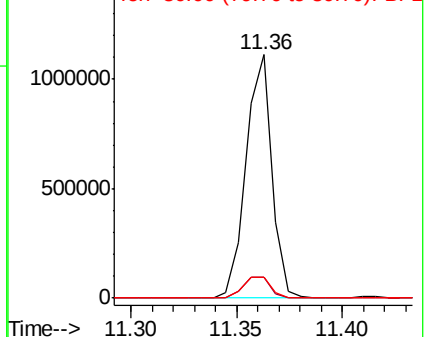
188 100

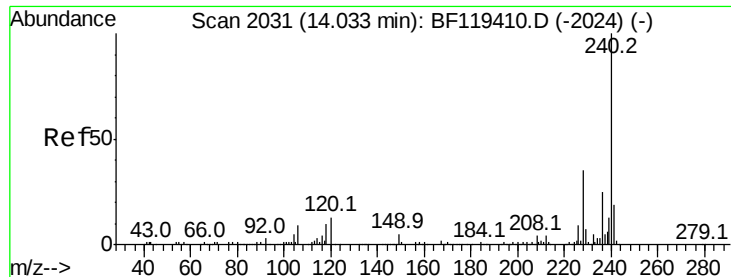
94 8.5 7.5 11.3

80 8.6 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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

Instrument :

BNA_F

ClientSampleId :

SB-1-(1-3)

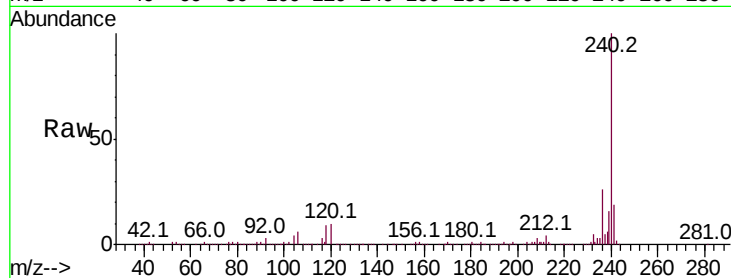
Tot Ion:240 Resp: 657202

Ion Ratio Lower Upper

240 100

120 9.6 10.6 15.8#

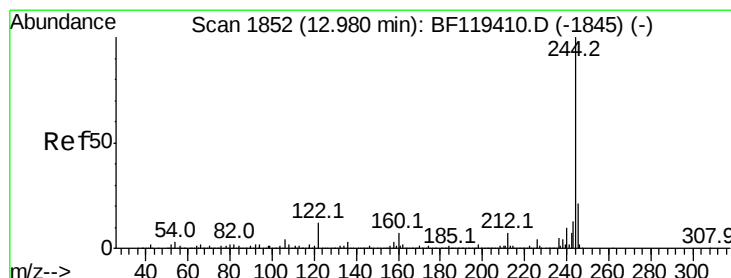
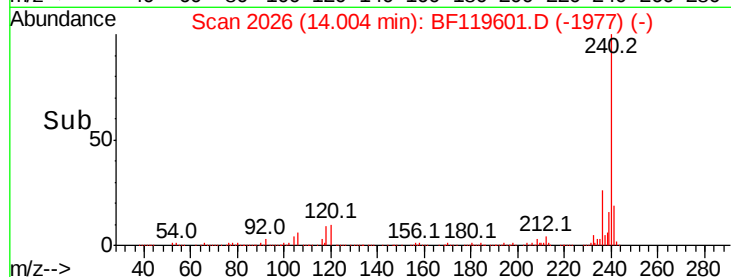
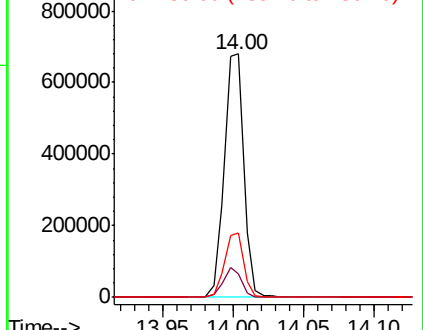
236 26.3 20.2 30.2



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: 70.104 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119601.D

Acq: 28 Mar 2020 7:21

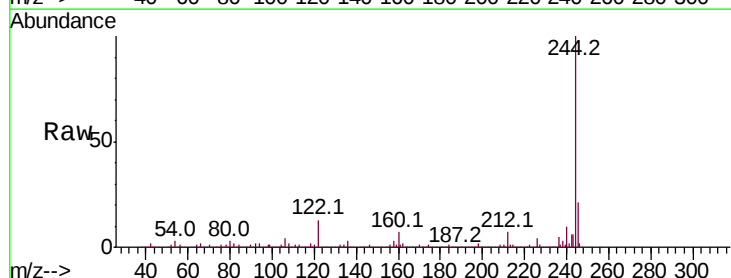
Tgt Ion:244 Resp: 2351597

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

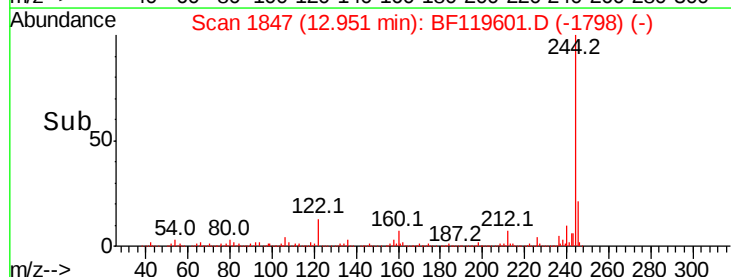
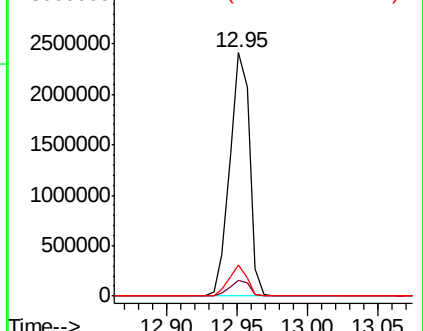
122 12.7 10.3 15.5

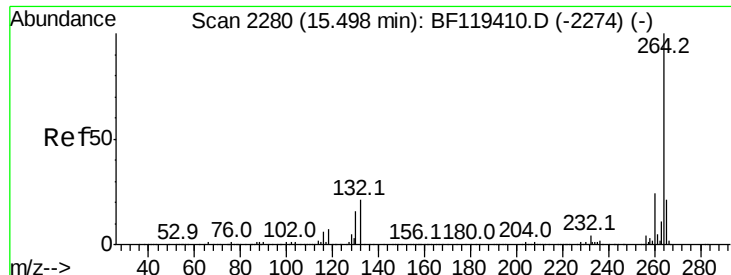


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

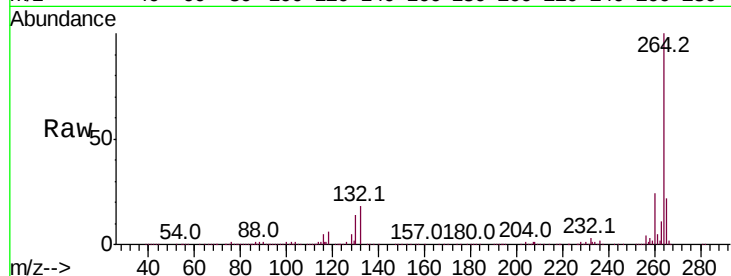




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119601.D
Acq: 28 Mar 2020 7:21

Instrument :
BNA_F
ClientSampleId :
SB-1-(1-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.4	17.7	26.5



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

