

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121675.D
 Acq On : 23 Sep 2020 19:55
 Operator : JU/CG
 Sample : L4105-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MTB-SP

Quant Time: Sep 24 00:39:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

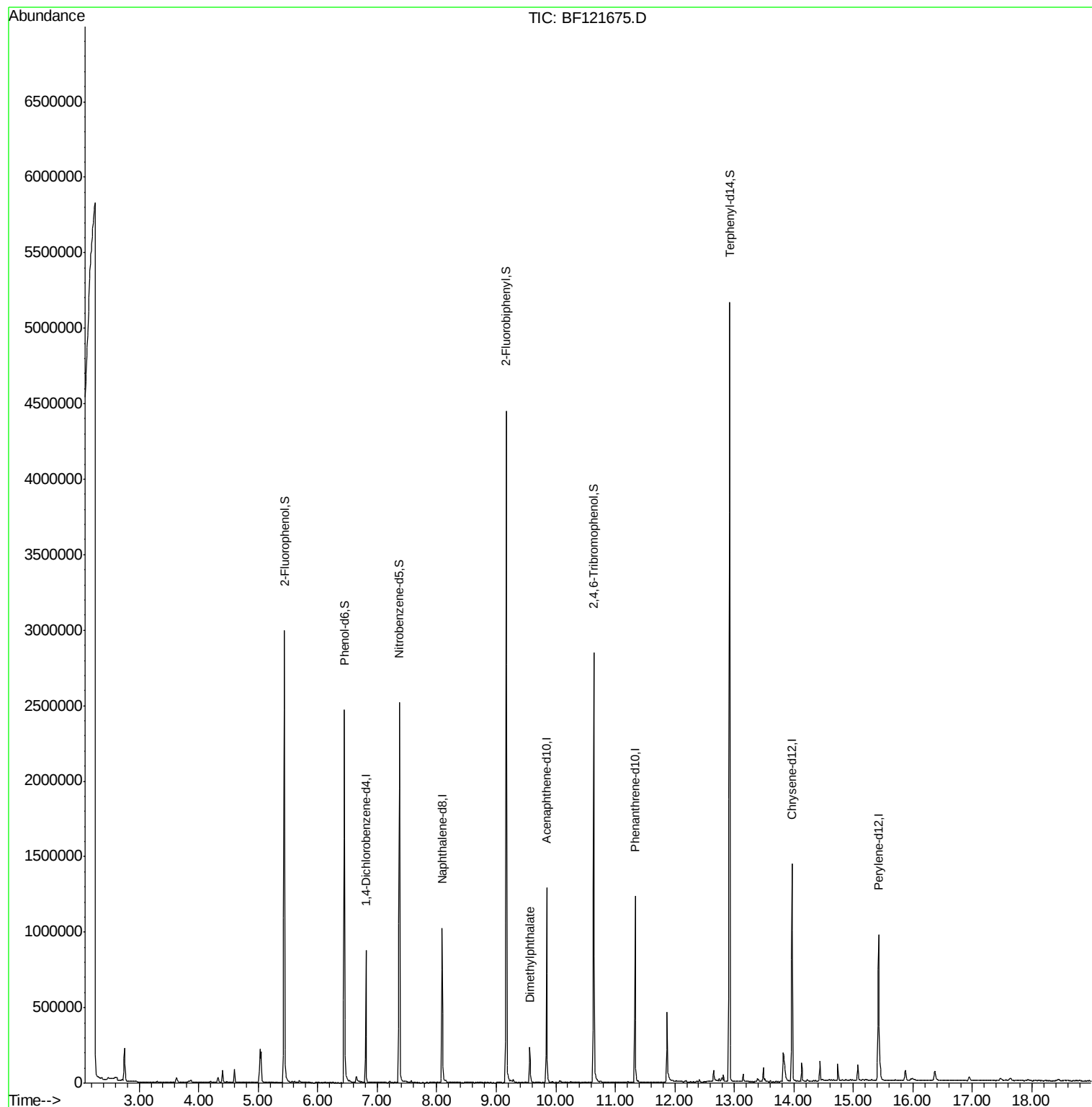
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122986	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	482291	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	250491	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	500785	20.00	ng	0.00
76) Chrysene-d12	13.97	240	491407	20.00	ng	-0.01
86) Perylene-d12	15.42	264	462109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	825460	99.75	ng	0.01
7) Phenol-d6	6.45	99	901054	82.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	845501	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	428918	137.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1440835	87.12	ng	0.00
79) Terphenyl-d14	12.92	244	1814446	74.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	104616	5.762	ng	Qvalue 99

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

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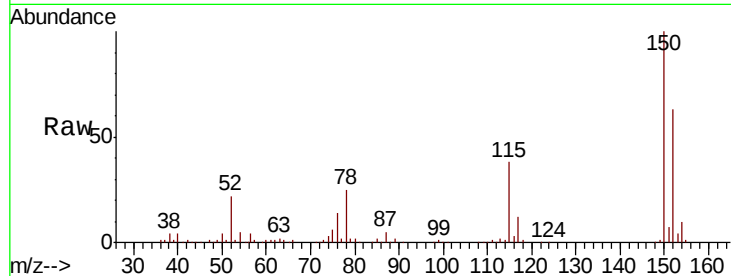


#1

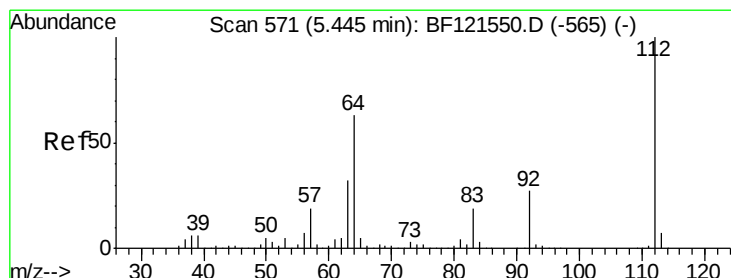
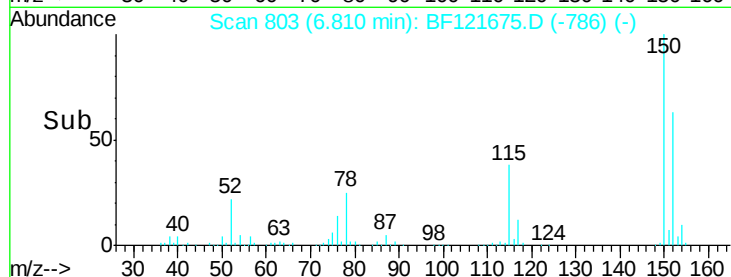
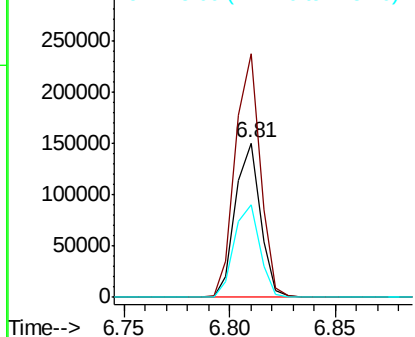
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tot Ion:152 Resp: 122986
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 59.8 52.6 79.0



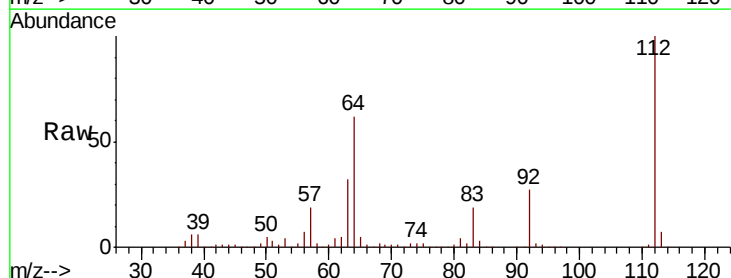
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



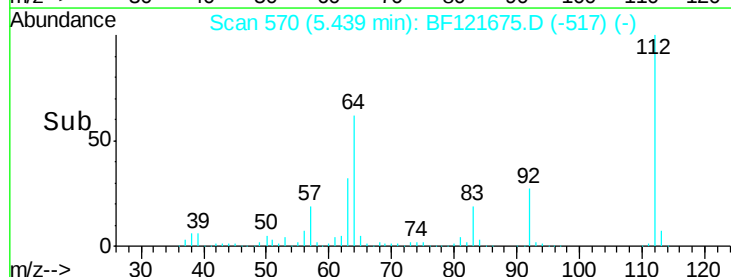
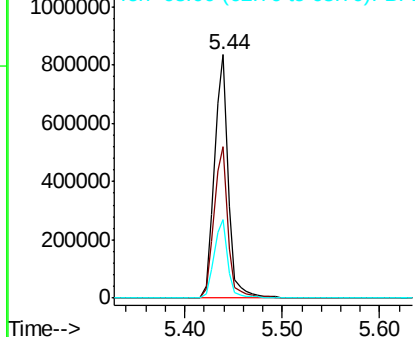
#5

2-Fluorophenol
Concen: 99.746 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion:112 Resp: 825460
Ion Ratio Lower Upper
112 100
64 62.3 52.2 78.2
63 32.1 26.6 39.8



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: 82.992 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121675.D

Acq: 23 Sep 2020 19:55

Instrument :

BNA_F

ClientSampleId :

MTB-SP

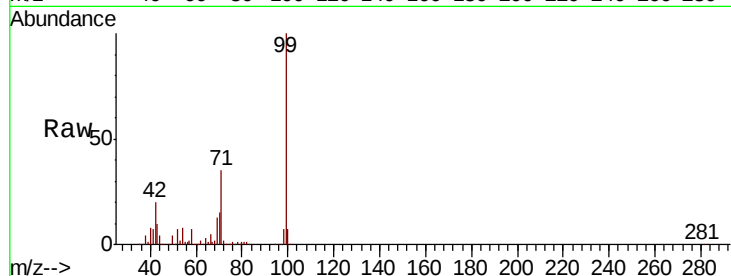
Tot Ion: 99 Resp: 901054

Ion Ratio Lower Upper

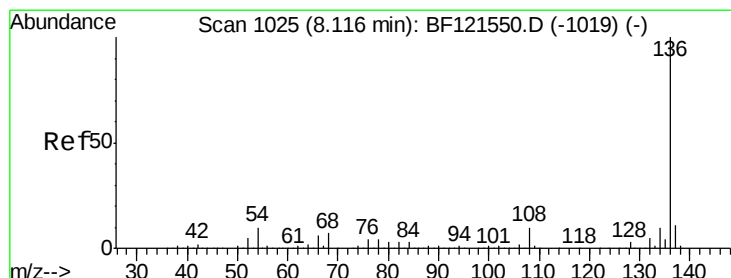
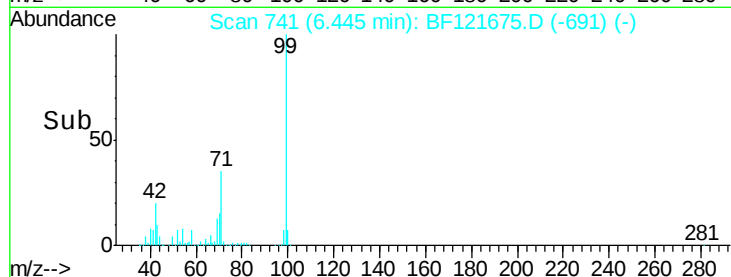
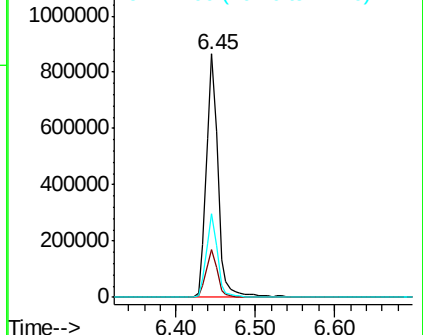
99 100

42 19.9 15.5 23.3

71 34.5 27.4 41.2



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121675.D

Acq: 23 Sep 2020 19:55

Tgt Ion: 136 Resp: 482291

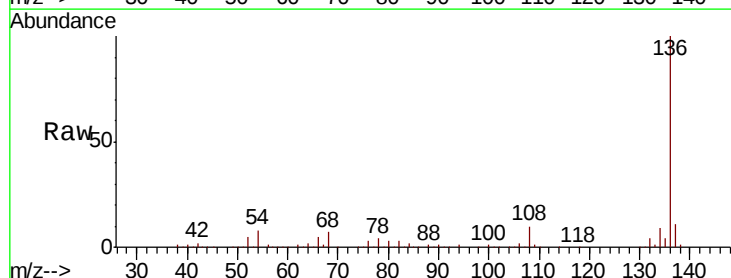
Ion Ratio Lower Upper

136 100

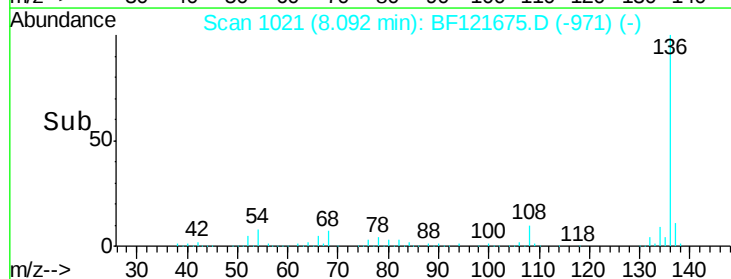
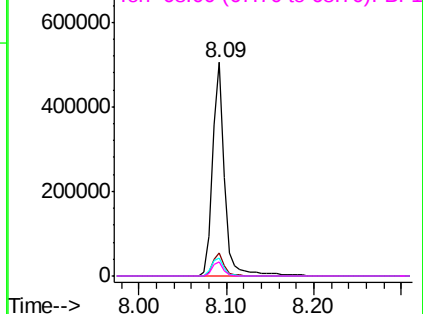
137 10.7 8.9 13.3

54 8.4 7.4 11.0

68 6.5 5.3 7.9



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

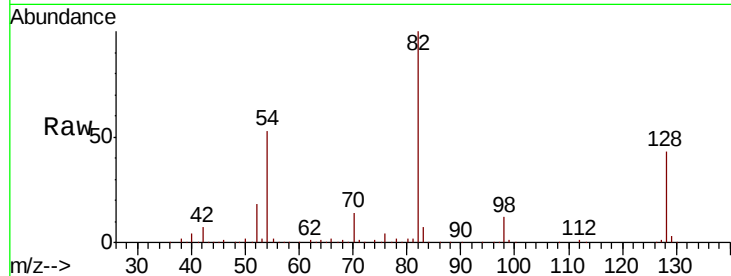




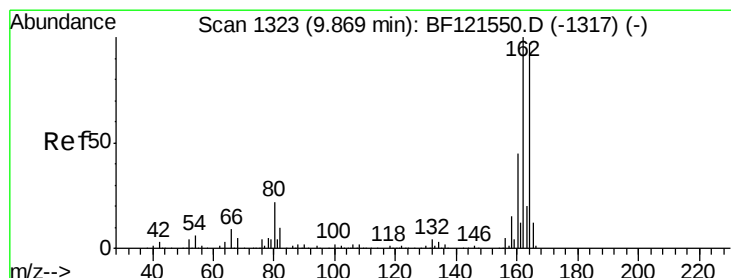
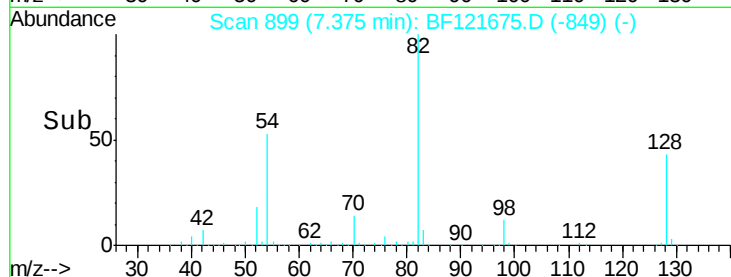
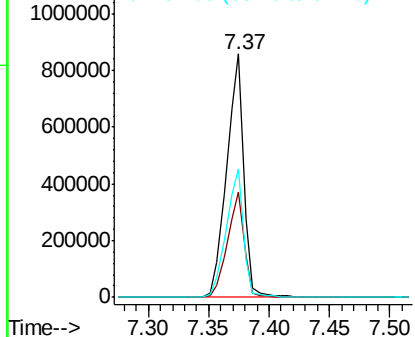
#23
Nitrobenzene-d5
Concen: 94.127 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Instrument :
BNA_F
ClientSampleId :
MTB-SP

Tot Ion: 82 Resp: 845501
Ion Ratio Lower Upper
82 100
128 43.2 33.9 50.9
54 52.5 42.9 64.3

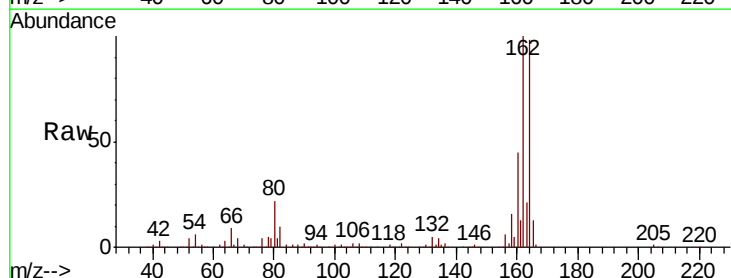


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

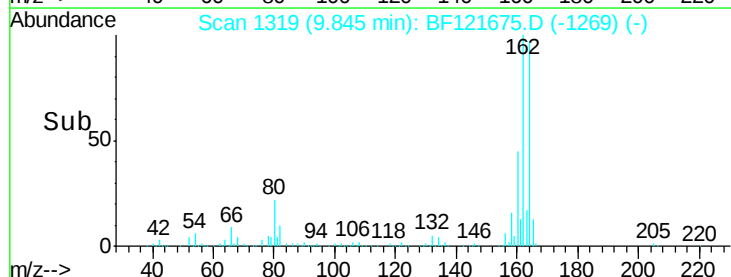
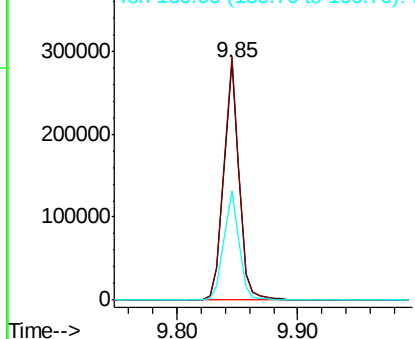


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121675.D
Acq: 23 Sep 2020 19:55

Tgt Ion: 164 Resp: 250491
Ion Ratio Lower Upper
164 100
162 102.3 81.2 121.8
160 45.8 36.2 54.4



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

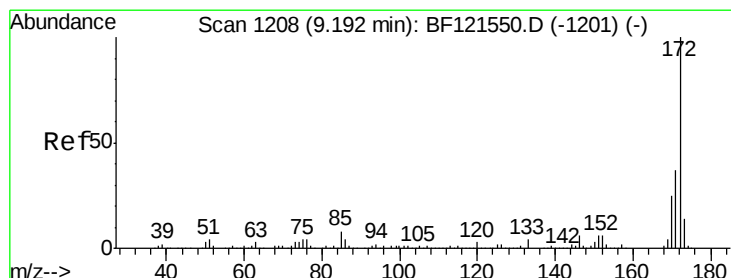
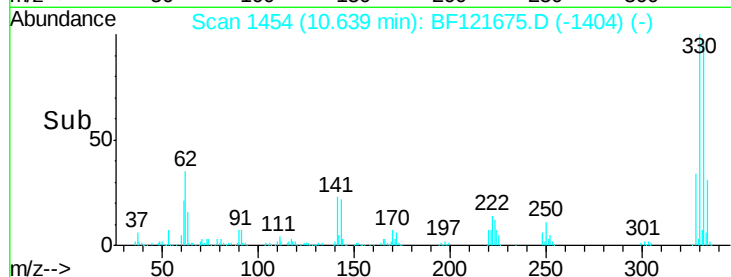
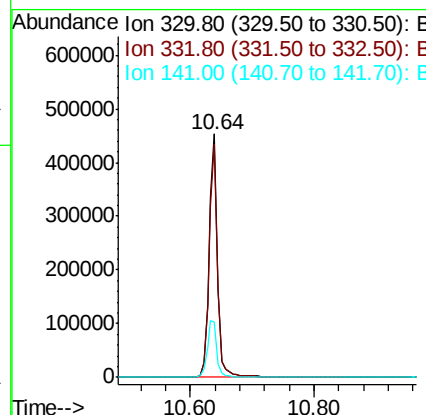
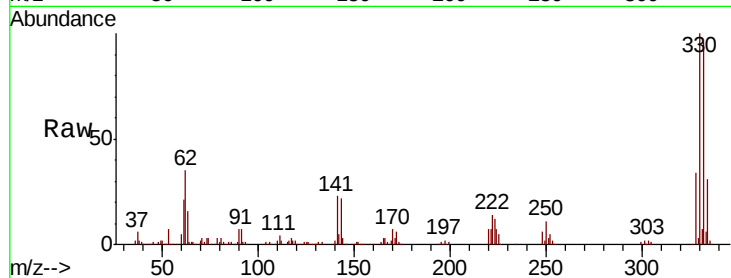




#42
 2,4,6-Tribromophenol
 Concen: 137.771 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121675.D
 Acq: 23 Sep 2020 19:55

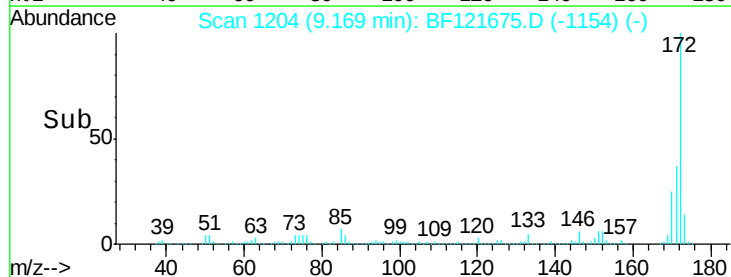
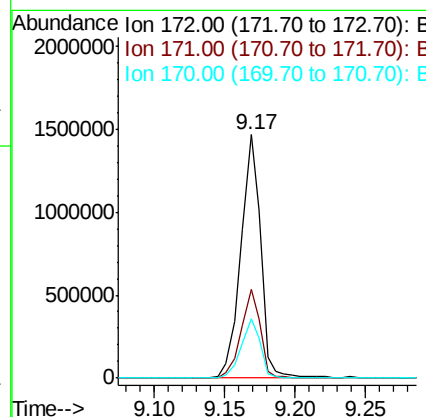
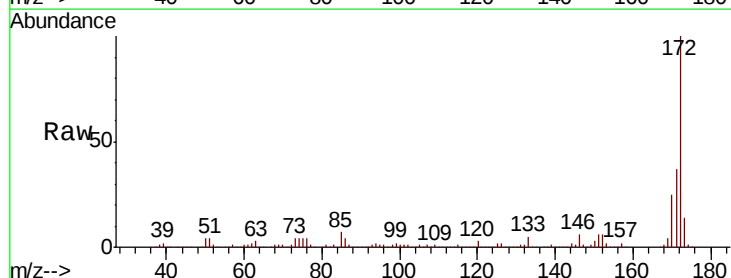
Instrument :
 BNA_F
 ClientSampleId :
 MTB-SP

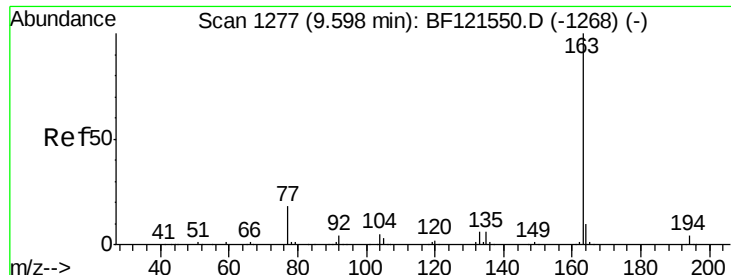
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	27.3	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 87.116 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121675.D
 Acq: 23 Sep 2020 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	24.5	19.5	29.3





#50

Dimethylphthalate

Concen: 5.762 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121675.D

Acq: 23 Sep 2020 19:55

Instrument :

BNA_F

ClientSampleId :

MTB-SP

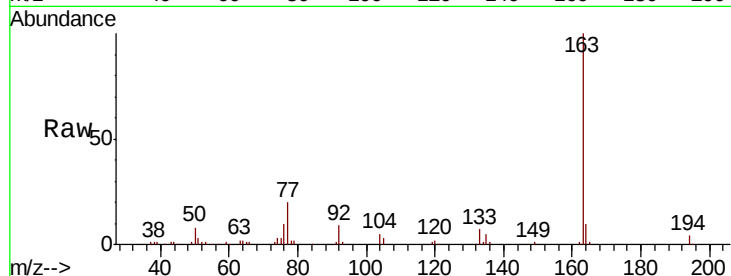
Tot Ion:163 Resp: 104616

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

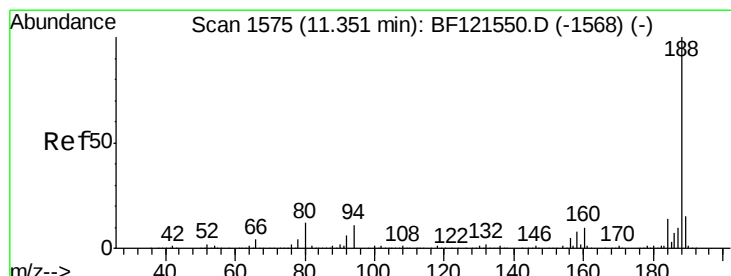
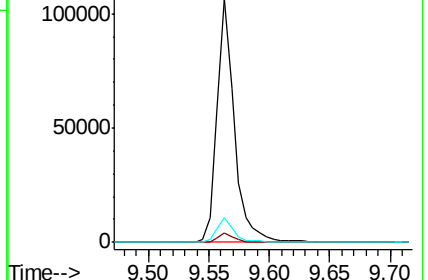
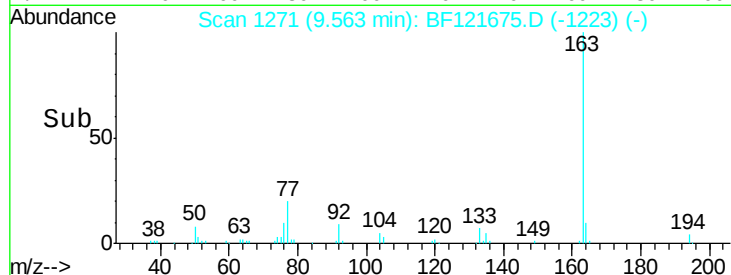
164 10.2 8.0 12.0



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# 1572

Delta R.T. -0.01 min

Lab File: BF121675.D

Acq: 23 Sep 2020 19:55

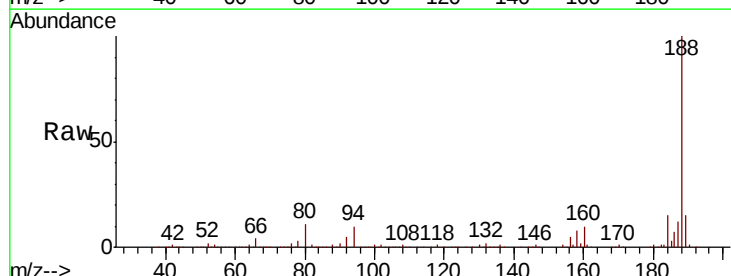
Tgt Ion:188 Resp: 500785

Ion Ratio Lower Upper

188 100

94 9.6 8.4 12.6

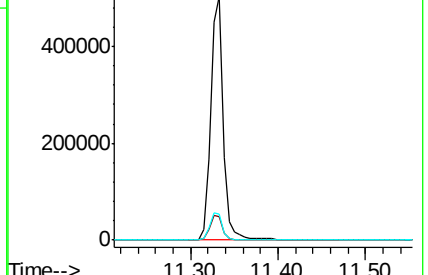
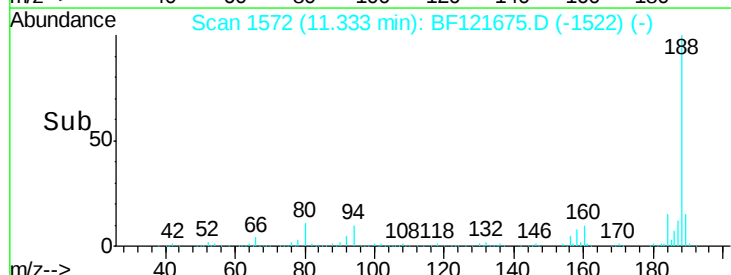
80 10.6 9.0 13.4

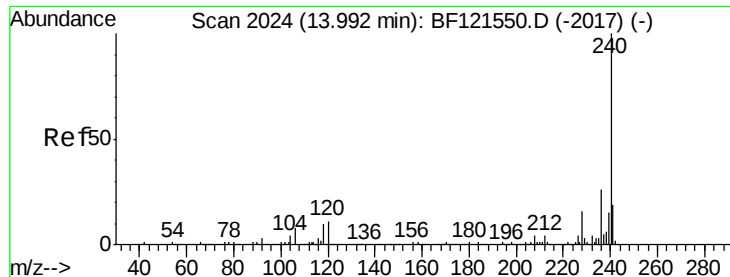


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

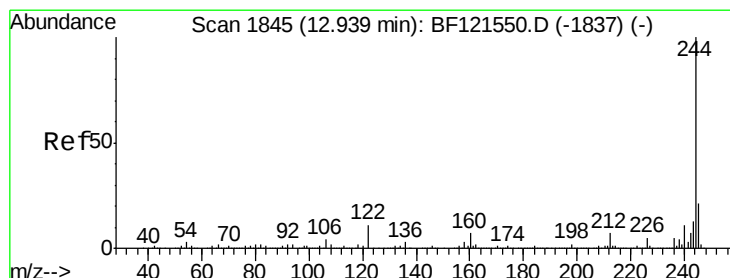
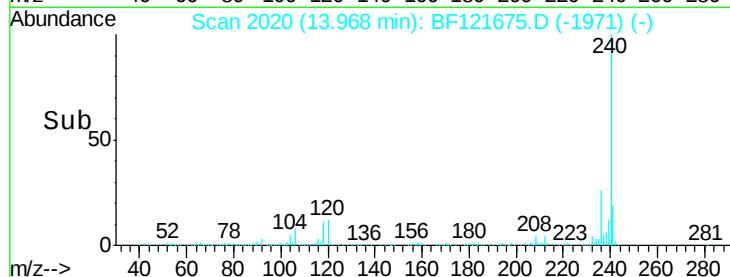
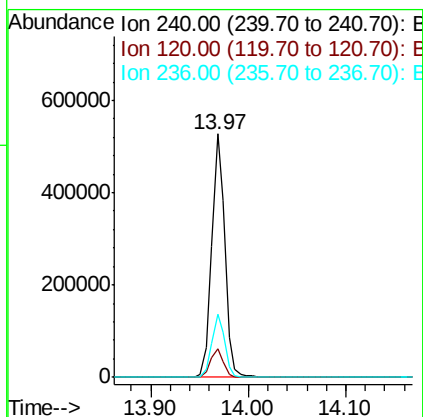
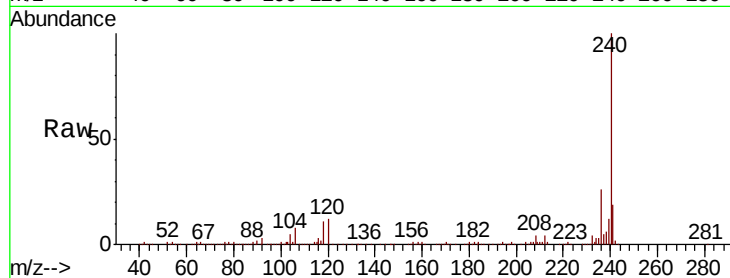




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121675.D
 Acq: 23 Sep 2020 19:55

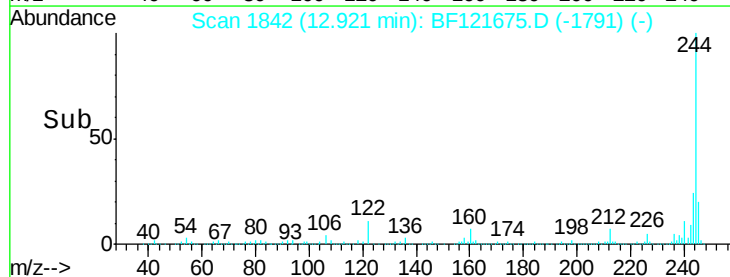
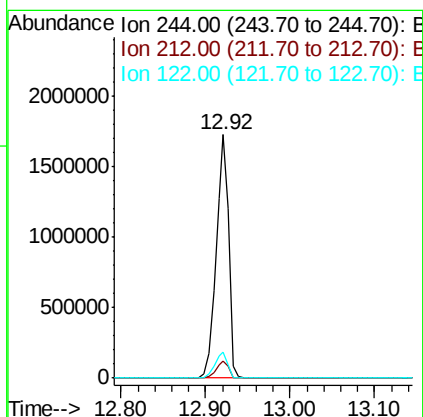
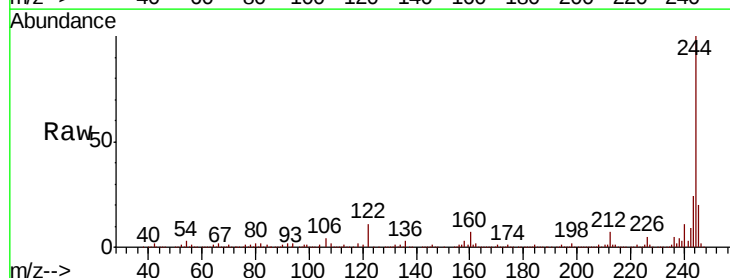
Instrument :
 BNA_F
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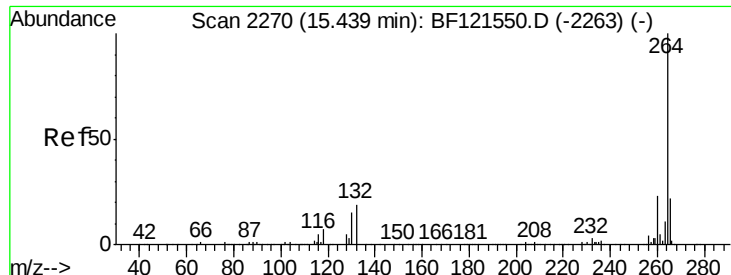
Tot Ion:240 Resp: 491407
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.2 13.8
 236 25.9 20.4 30.6



#79
 Terphenyl-d14
 Concen: 74.803 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF121675.D
 Acq: 23 Sep 2020 19:55

Tgt Ion:244 Resp: 1814446
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.9 7.4 11.0

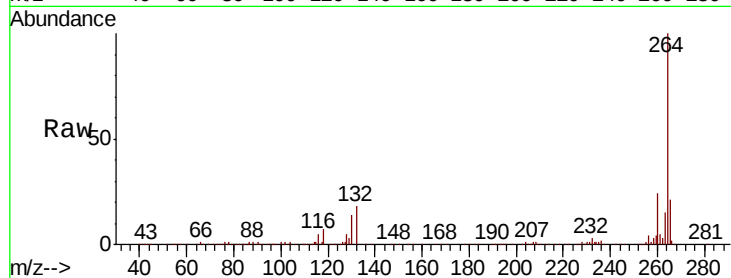




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121675.D
 Acq: 23 Sep 2020 19:55

Instrument :
 BNA_F
 ClientSampleId :
 MTB-SP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	20.9	17.3	25.9



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

