

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118073.D
 Acq On : 3 Dec 2019 20:20
 Operator : JU
 Sample : K6069-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Time: Dec 04 01:13:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

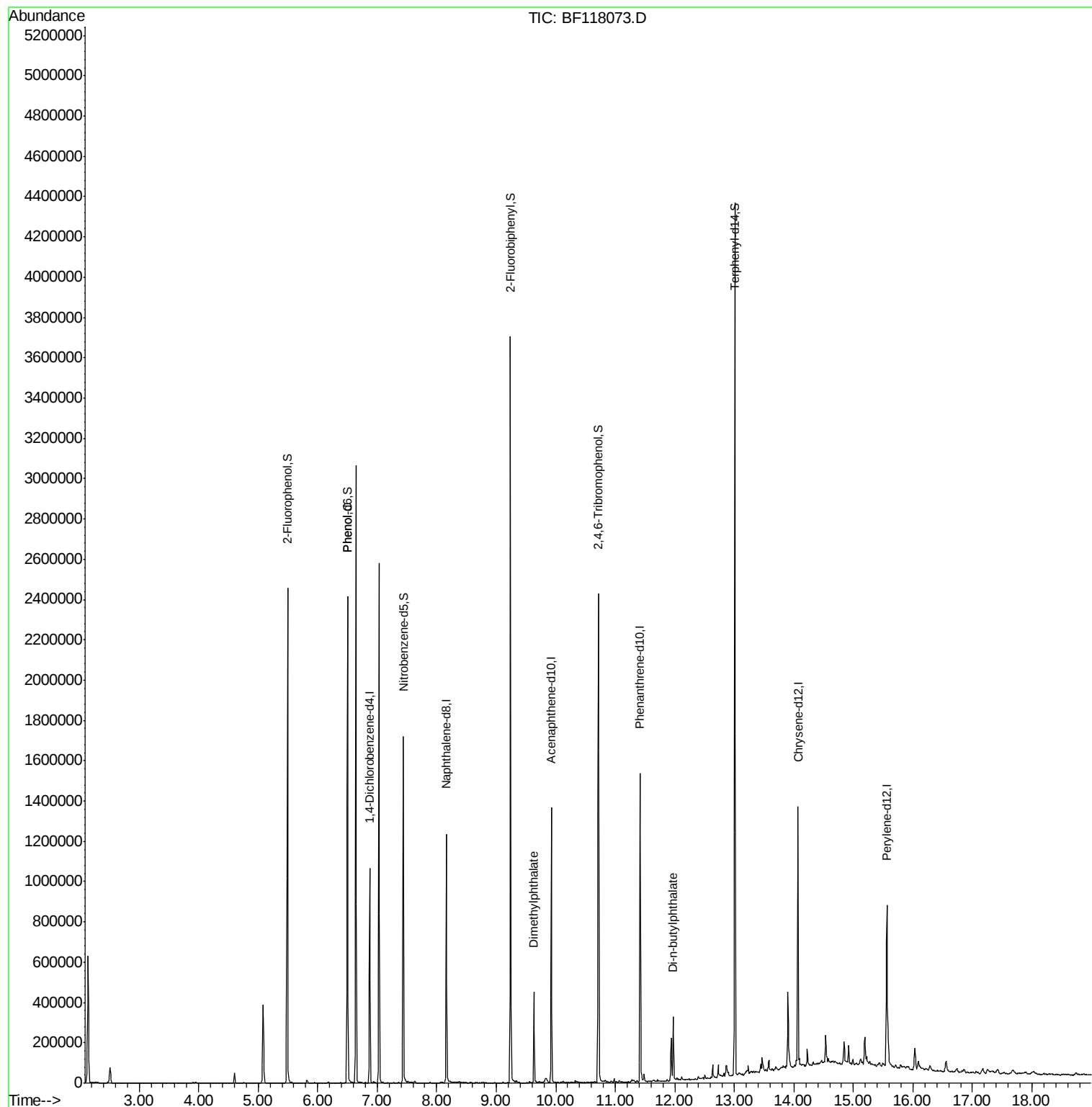
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139021	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	551644	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	296493	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	568351	20.00	ng	0.00
76) Chrysene-d12	14.07	240	403360	20.00	ng	0.00
87) Perylene-d12	15.56	264	362599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	702690	89.47	ng	0.00
7) Phenol-d6	6.50	99	915514	96.64	ng	0.00
23) Nitrobenzene-d5	7.44	82	561253	60.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	304876	97.13	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1125866	68.12	ng	0.00
79) Terphenyl-d14	13.01	244	1408915	63.84	ng	0.00
Target Compounds						
10) Phenol	6.51	94	22724	2.308	ng	83
50) Dimethylphthalate	9.63	163	174027	8.370	ng	100
74) Di-n-butylphthalate	11.97	149	153956	4.995	ng	99

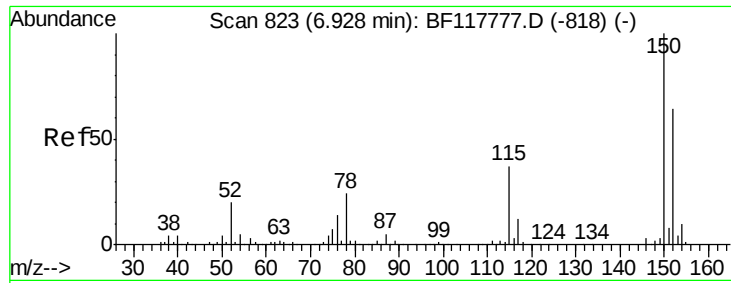
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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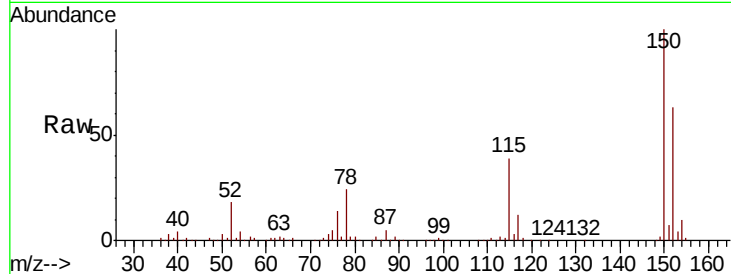


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	121.4	182.2
115	61.8	48.8	73.2

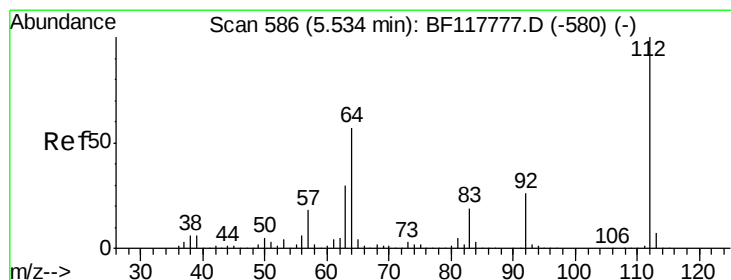
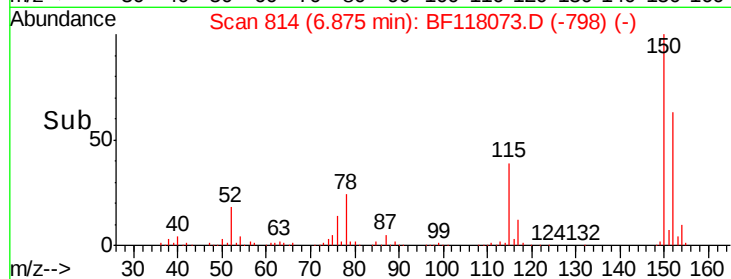
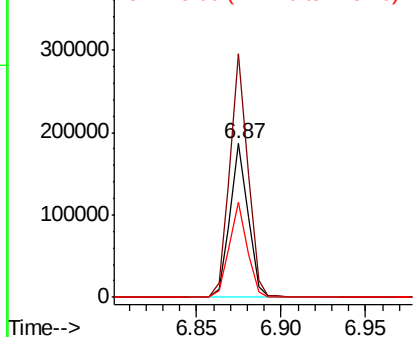


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

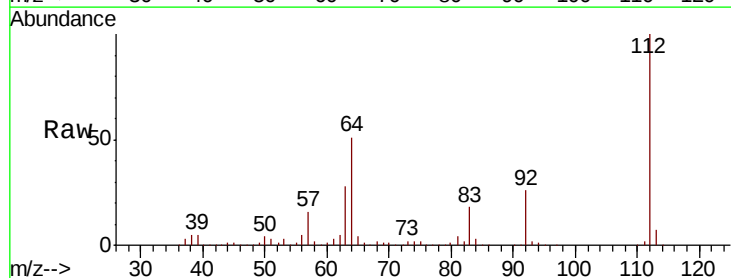
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.471 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.1	67.7
63	27.9	24.6	37.0

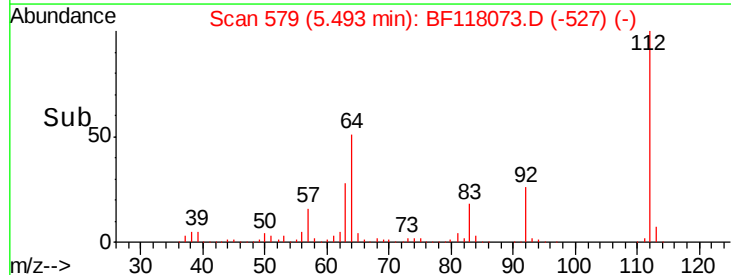
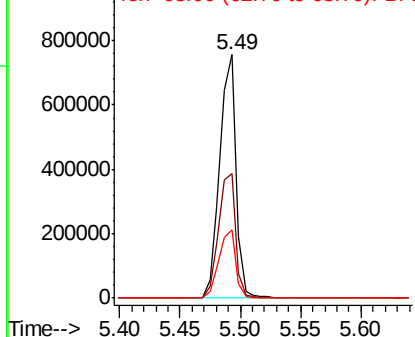


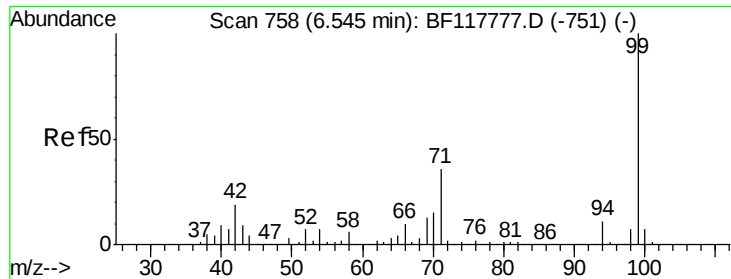
Abundance

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: 96.645 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118073.D

Acq: 3 Dec 2019 20:20

Instrument :

BNA_F

ClientSampleId :

SB-4

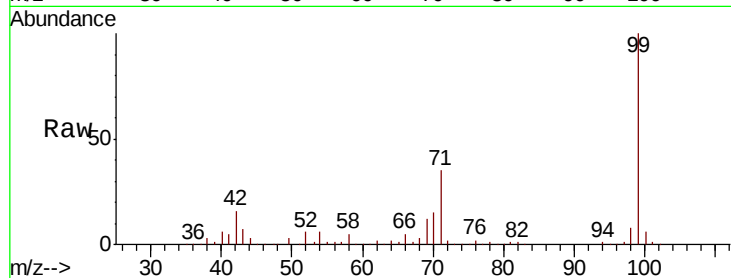
Tot Ion: 99 Resp: 915514

Ion Ratio Lower Upper

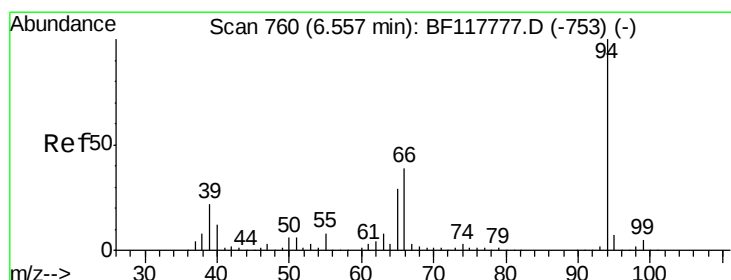
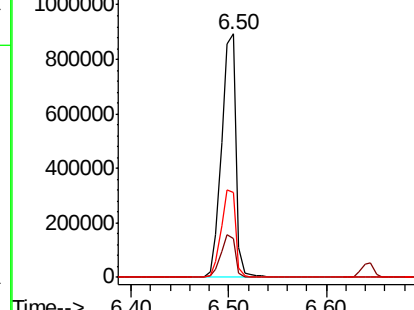
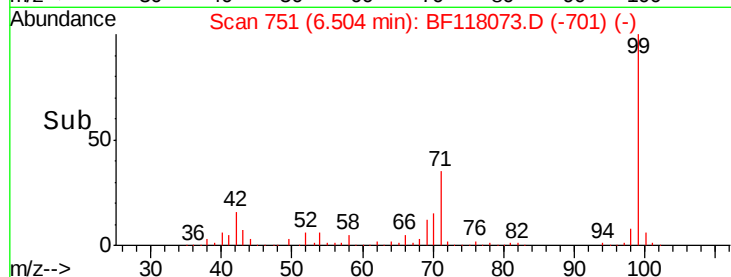
99 100

42 15.9 14.0 21.0

71 35.1 29.2 43.8



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: 2.308 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118073.D

Acq: 3 Dec 2019 20:20

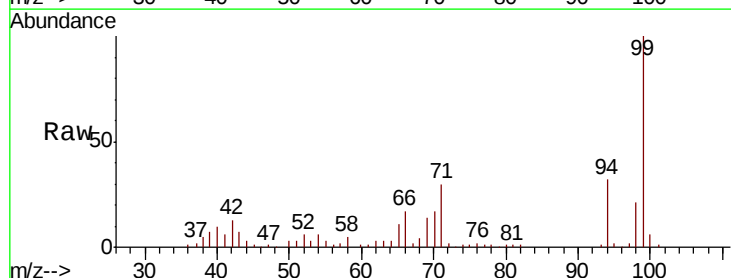
Tgt Ion: 94 Resp: 22724

Ion Ratio Lower Upper

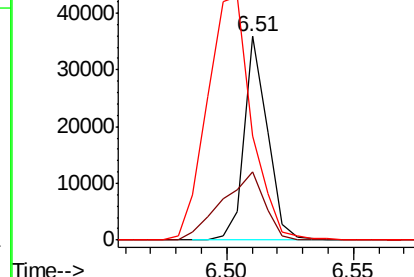
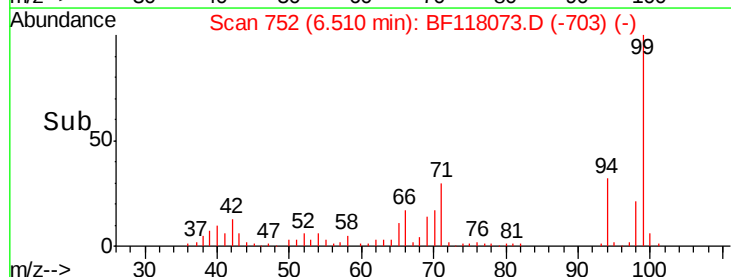
94 100

65 33.4 6.9 46.9

66 51.1 18.6 58.6



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

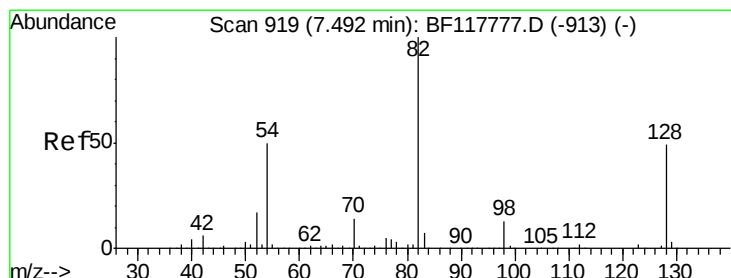
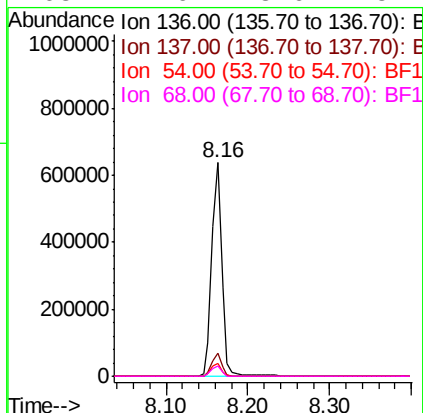
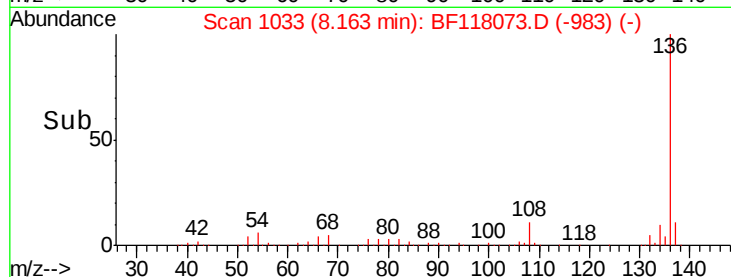
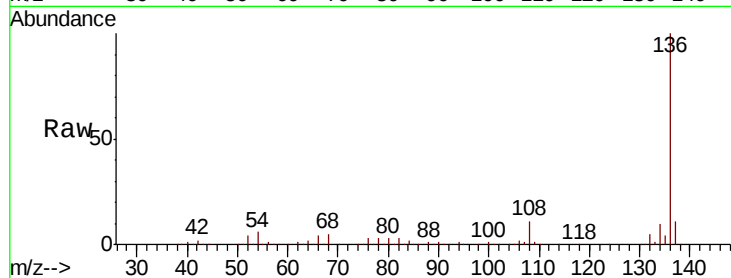




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

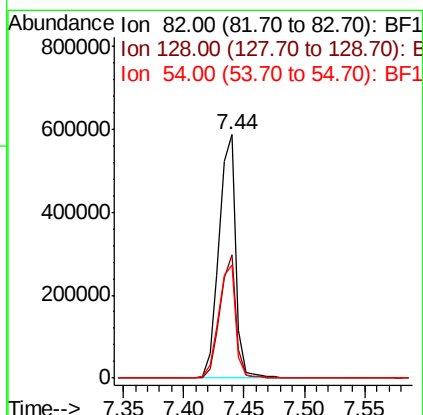
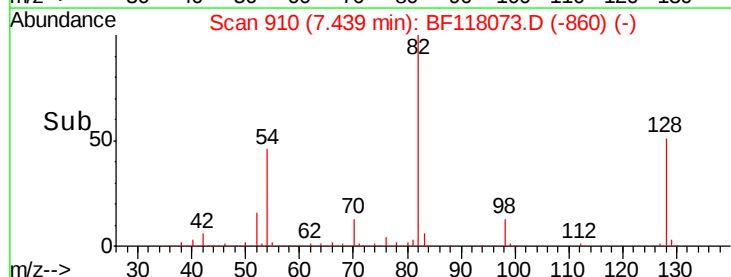
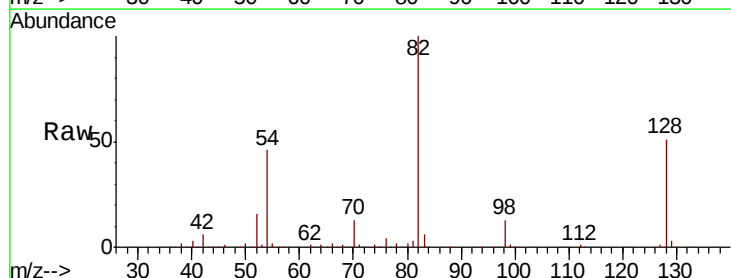
Instrument :
BNA_F
ClientSampleId :
SB-4

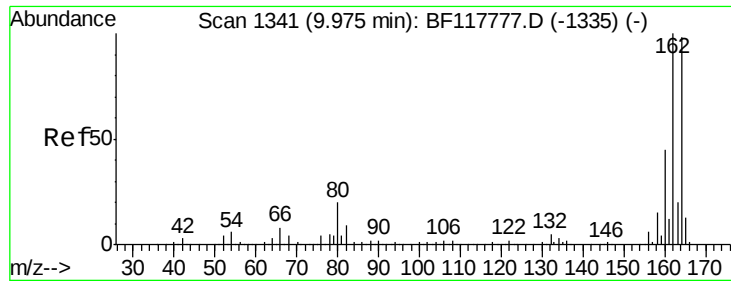
Tot Ion:136	Resp:	551644
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	6.1	4.9 7.3
68	4.6	3.6 5.4



#23
Nitrobenzene-d5
Concen: 60.481 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Tgt Ion: 82	Resp:	561253
Ion Ratio	Lower	Upper
82	100	
128	50.6	38.2 57.4
54	46.2	39.0 58.4

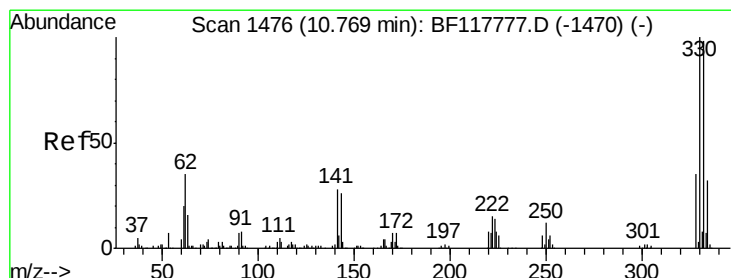
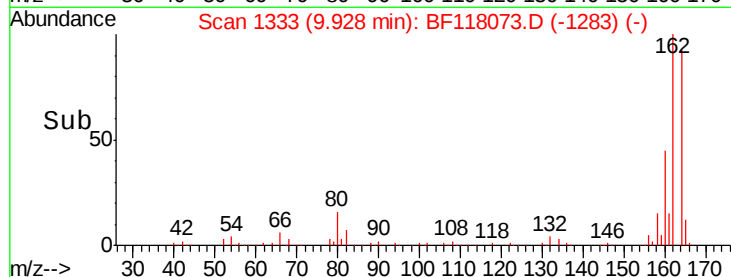
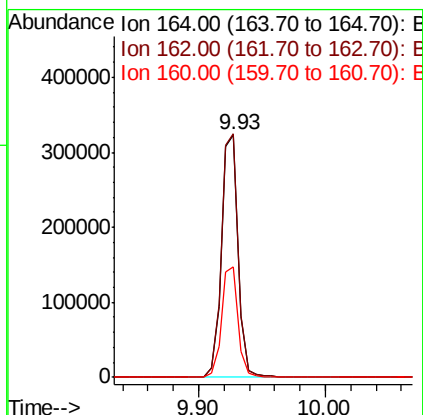
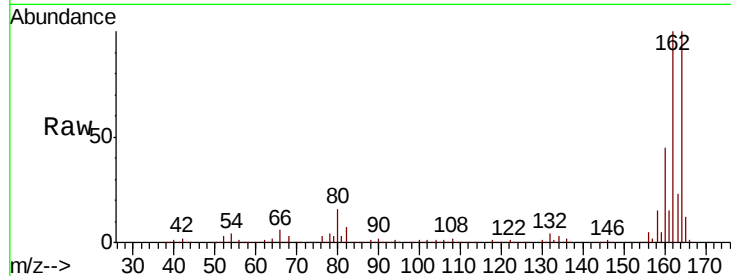




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

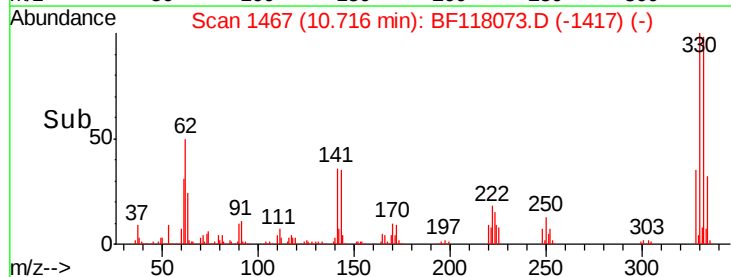
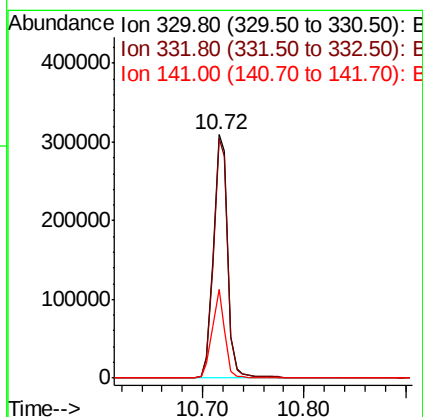
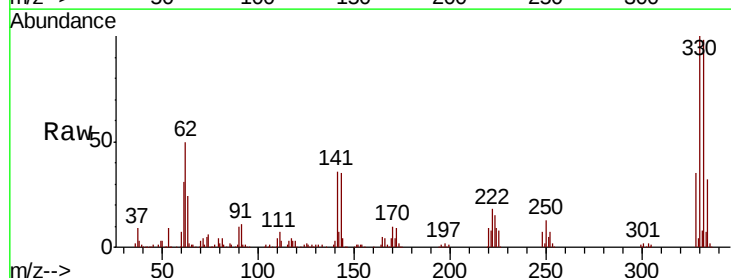
Instrument :
BNA_F
ClientSampleId :
SB-4

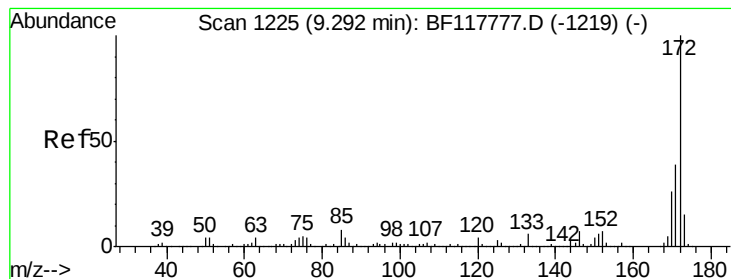
Tot Ion:164 Resp: 296493
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.8
160 45.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 97.127 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Tgt Ion:330 Resp: 304876
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 32.1 26.4 39.6

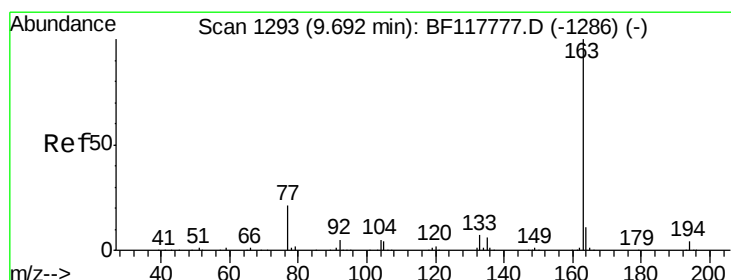
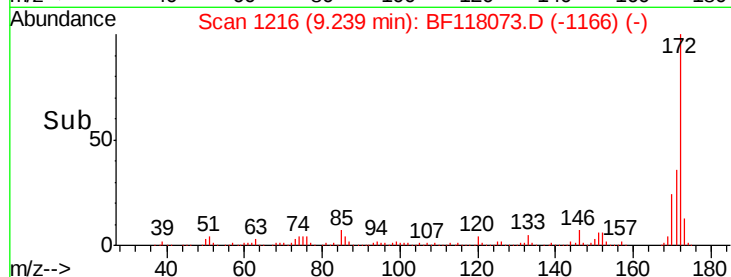
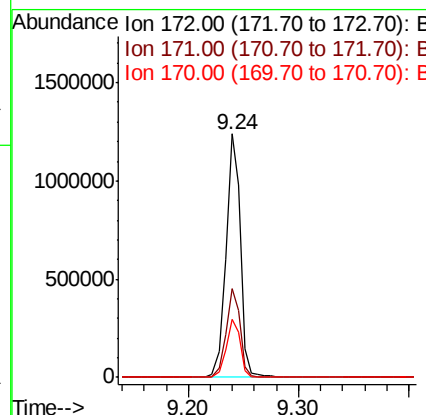
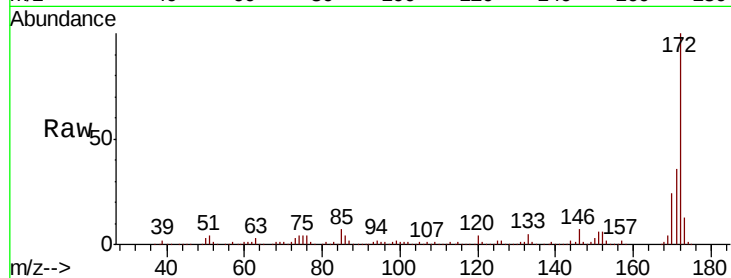




#45
2-Fluorobiphenyl
Concen: 68.124 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

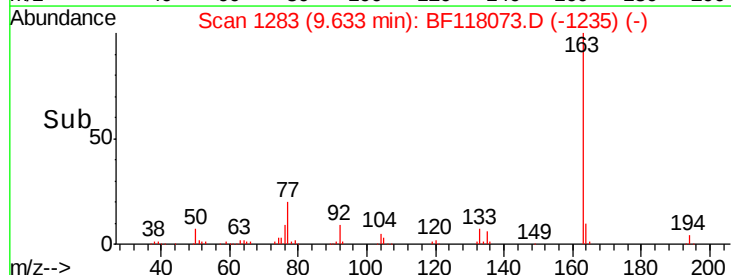
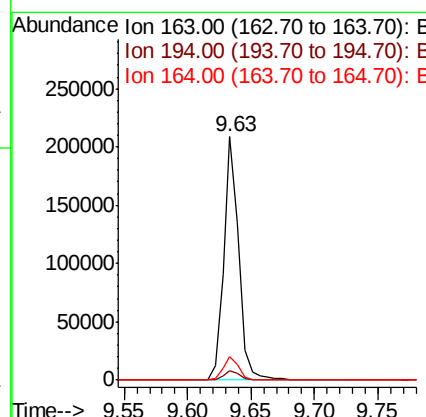
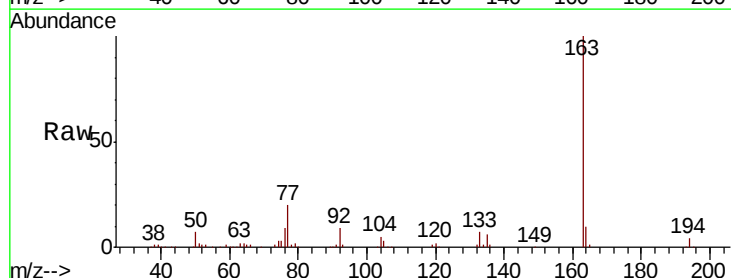
Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:172 Resp: 1125866
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.8 19.3 28.9



#50
Dimethylphthalate
Concen: 8.370 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Tgt Ion:163 Resp: 174027
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 7.9 11.9

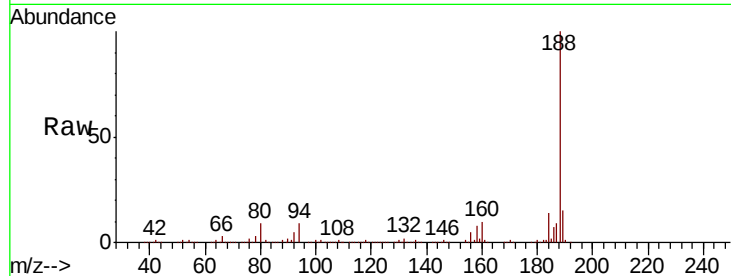




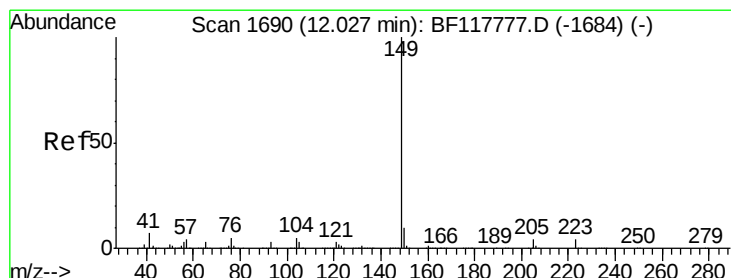
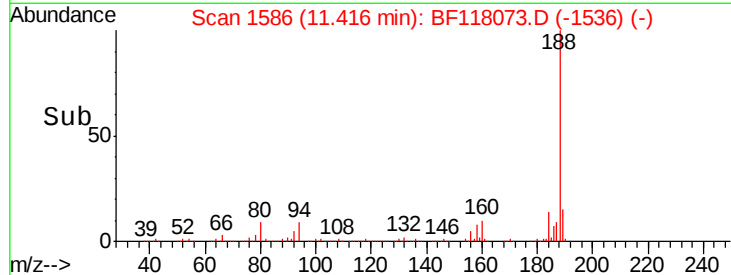
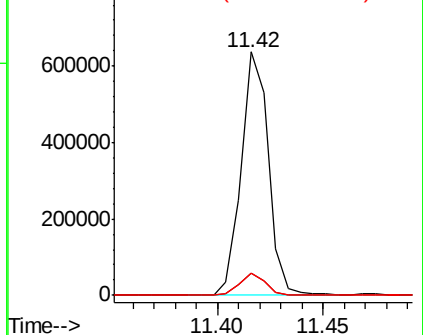
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion:188 Resp: 568351
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.3 7.2 10.8

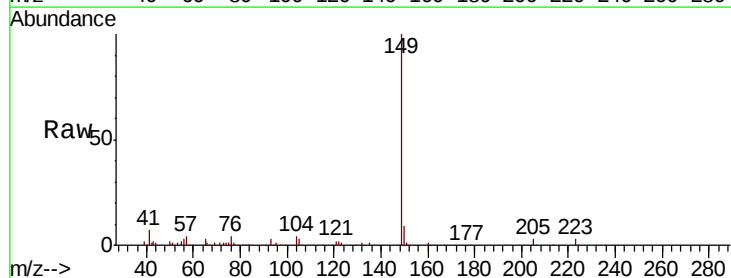


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

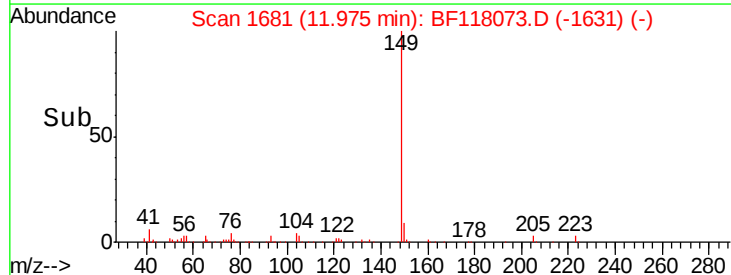
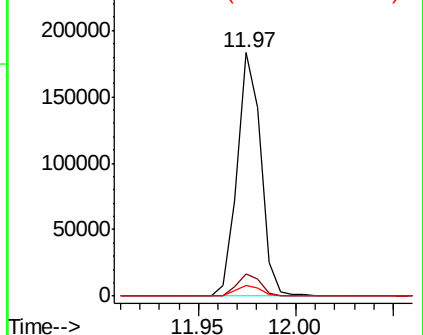


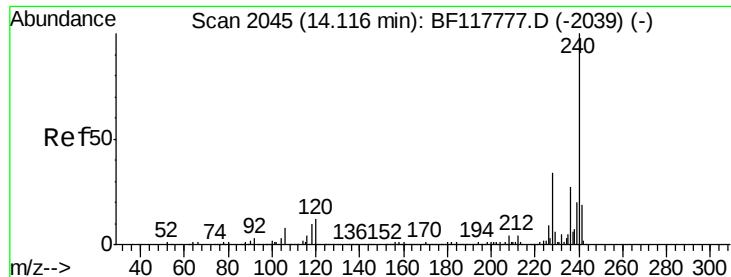
#74
Di-n-butylphthalate
Concen: 4.995 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Tgt Ion:149 Resp: 153956
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

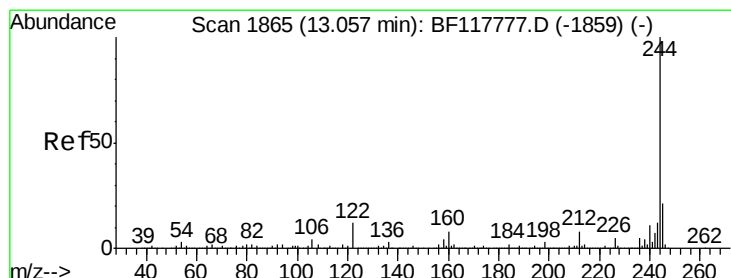
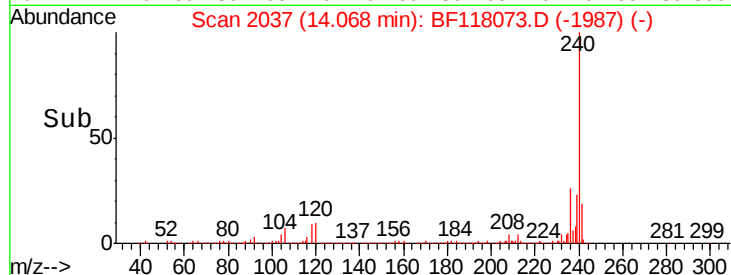
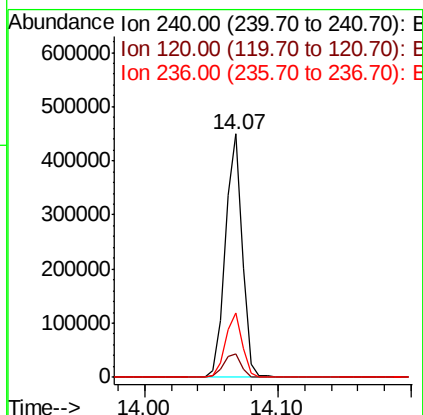
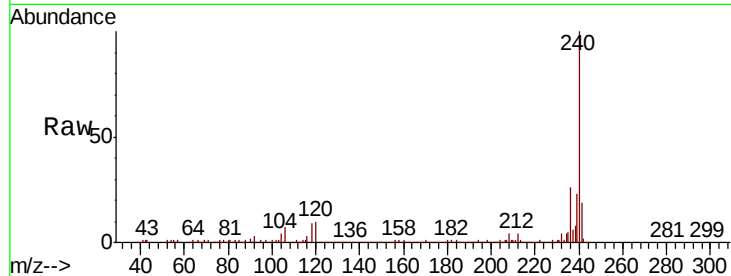




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118073.D
 Acq: 3 Dec 2019 20:20

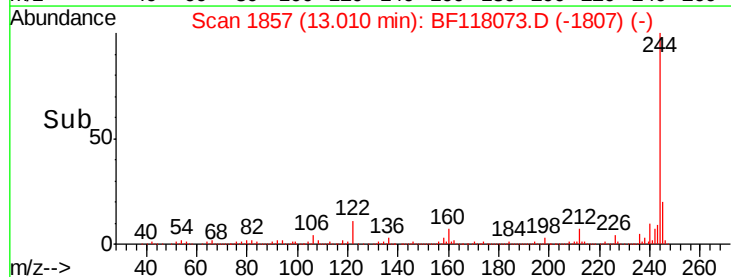
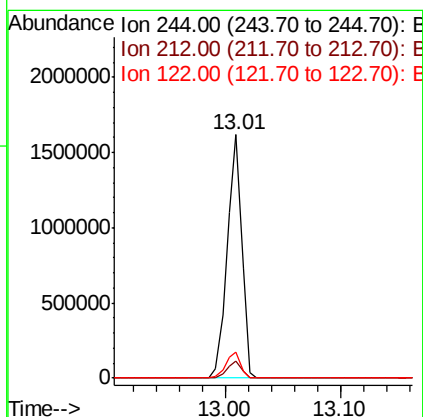
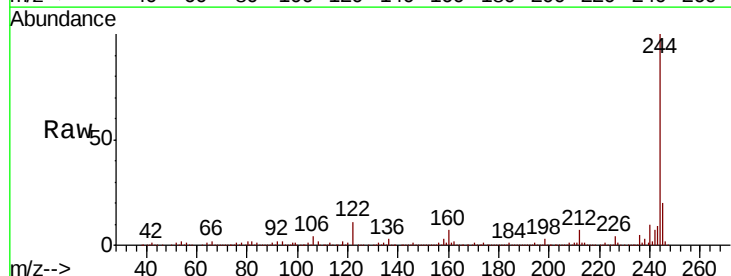
Instrument :
 BNA_F
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 SB-4

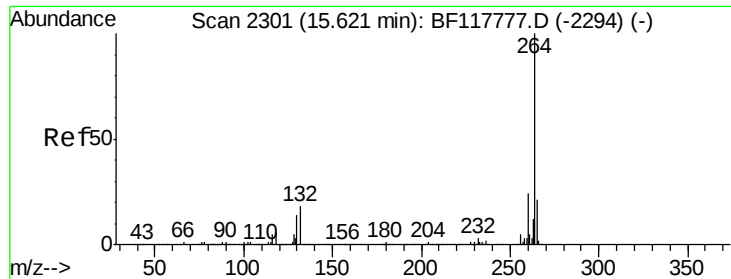
Tot Ion:240 Resp: 403360
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.4 12.6
 236 26.4 20.6 31.0



#79
 Terphenyl-d14
 Concen: 63.837 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BF118073.D
 Acq: 3 Dec 2019 20:20

Tgt Ion:244 Resp: 1408915
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.2 7.8
 122 10.8 7.2 10.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF118073.D
Acq: 3 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
SB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.6
265	21.8	16.4	24.6

