

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119264.D
 Acq On : 6 Mar 2020 22:09
 Operator : CG/JU
 Sample : L1761-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420

Quant Time: Mar 07 02:52:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

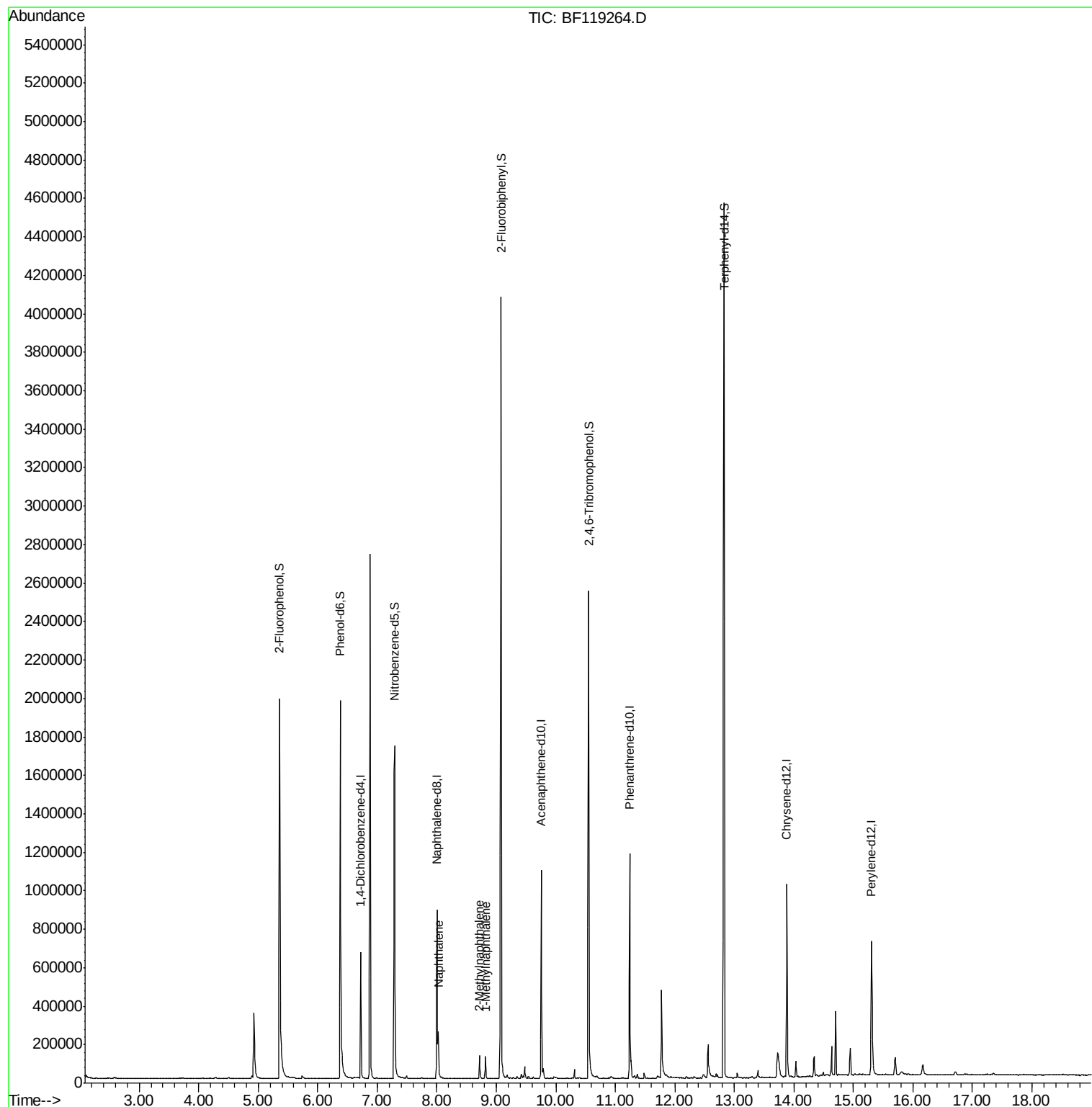
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105630	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	395505	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	222477	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	427425	20.00	ng	0.00
76) Chrysene-d12	13.88	240	346202	20.00	ng	0.00
87) Perylene-d12	15.30	264	323222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	737801	116.73	ng	0.01
7) Phenol-d6	6.38	99	804789	104.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	641061	85.58	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	374127	128.55	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1296690	85.86	ng	0.00
79) Terphenyl-d14	12.83	244	1787461	88.89	ng	0.00
Target Compounds						
31) Naphthalene	8.03	128	122229	5.959	ng	97
37) 2-Methylnaphthalene	8.72	142	34439	2.495	ng	95
38) 1-Methylnaphthalene	8.82	142	34905	2.689	ng	95

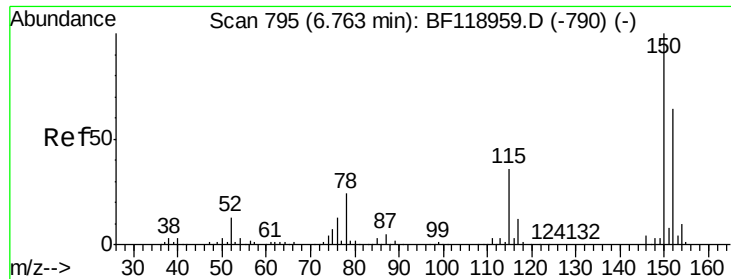
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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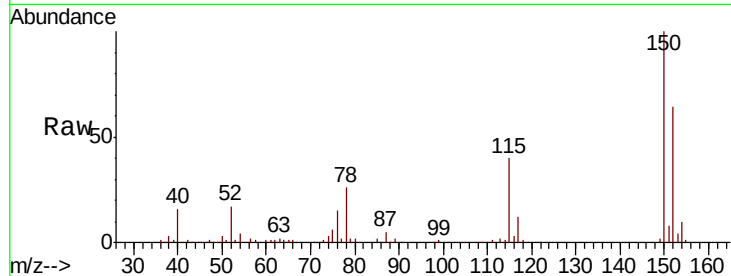




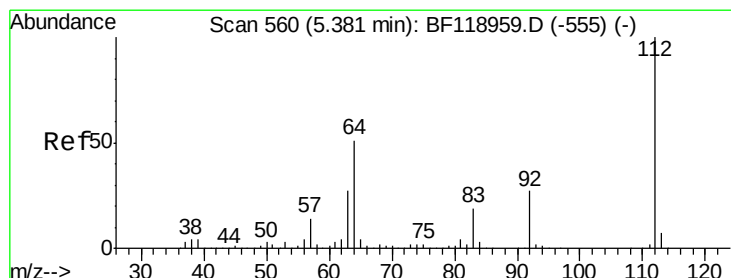
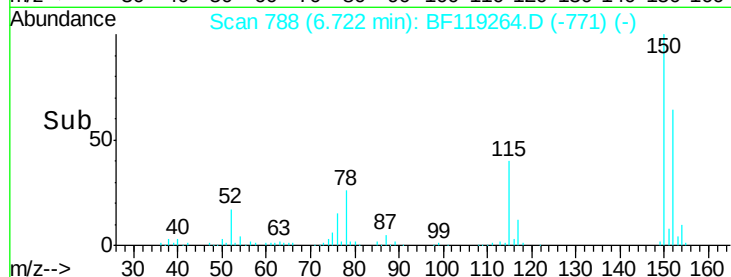
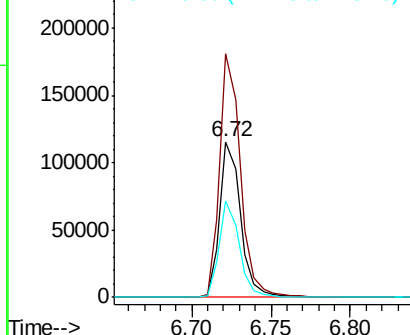
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420

Tot Ion:152 Resp: 105630
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.0 184.6
 115 61.9 49.5 74.3

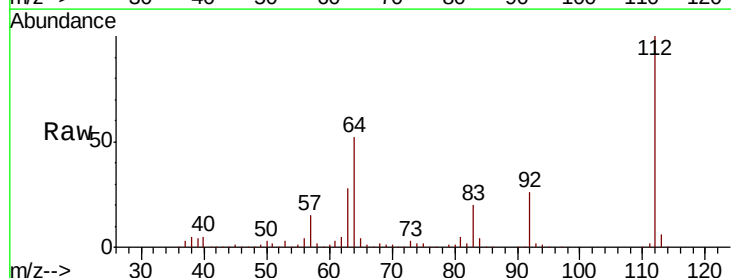


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

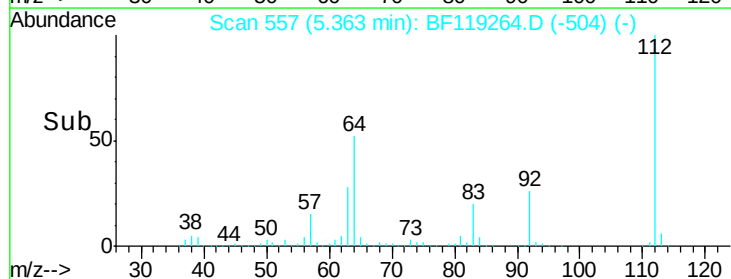
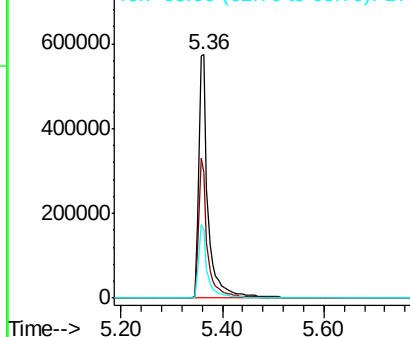


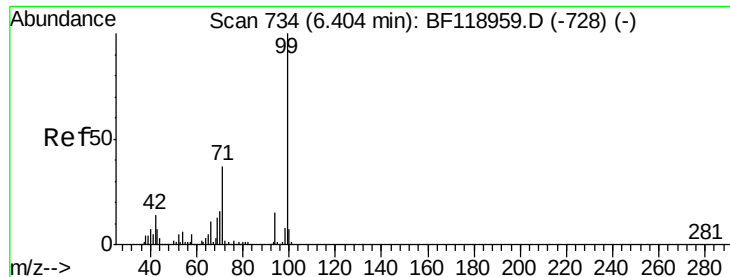
#5
 2-Fluorophenol
 Concen: 116.728 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

Tgt Ion:112 Resp: 737801
 Ion Ratio Lower Upper
 112 100
 64 51.7 45.0 67.4
 63 27.9 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: 104.693 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

SU-04-030420

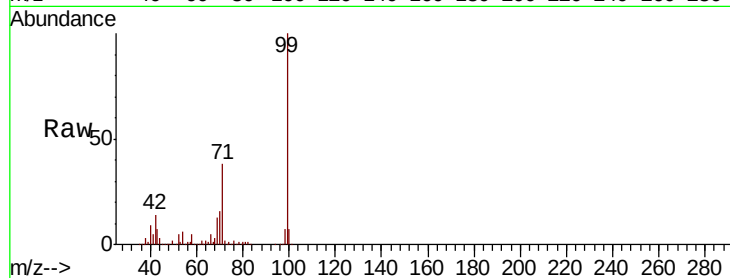
Tot Ion: 99 Resp: 804789

Ion Ratio Lower Upper

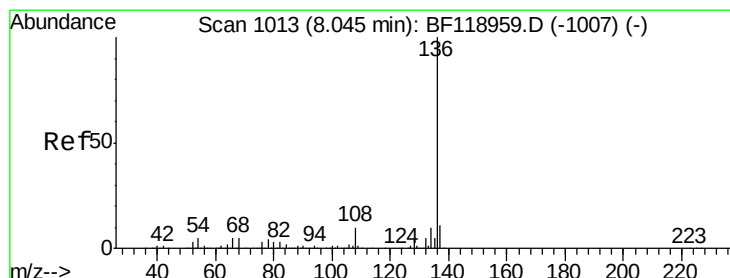
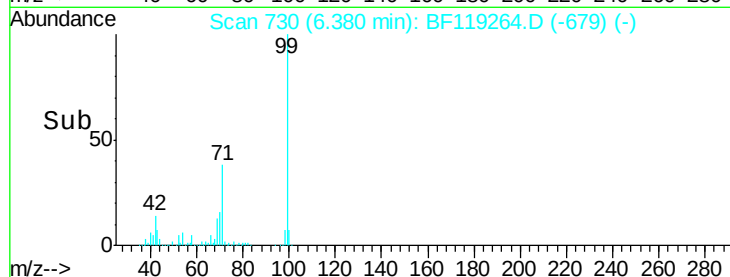
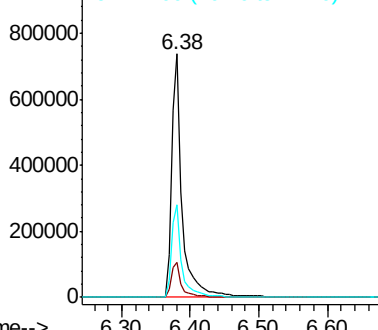
99 100

42 14.4 12.6 18.8

71 38.0 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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Tgt Ion: 136 Resp: 395505

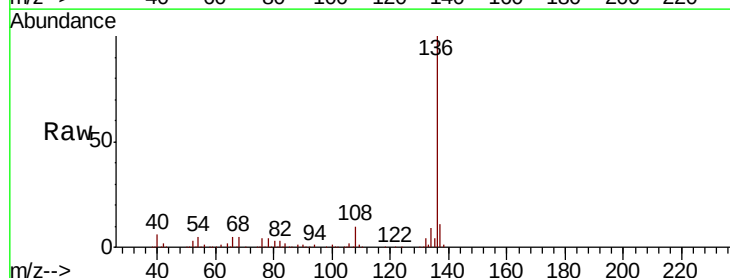
Ion Ratio Lower Upper

136 100

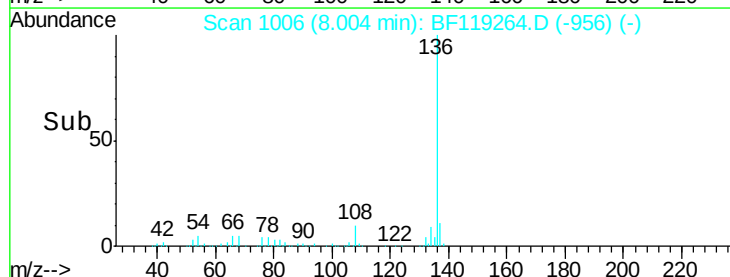
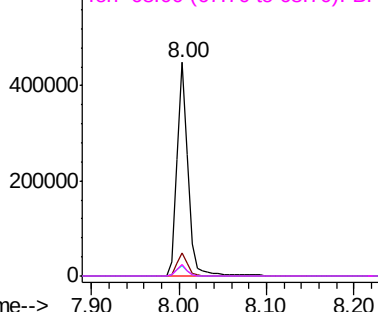
137 10.8 8.8 13.2

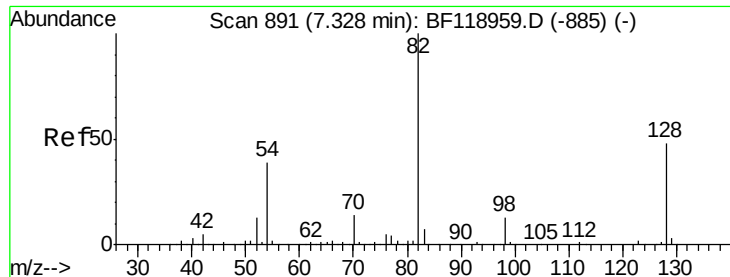
54 5.0 3.8 5.6

68 5.2 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

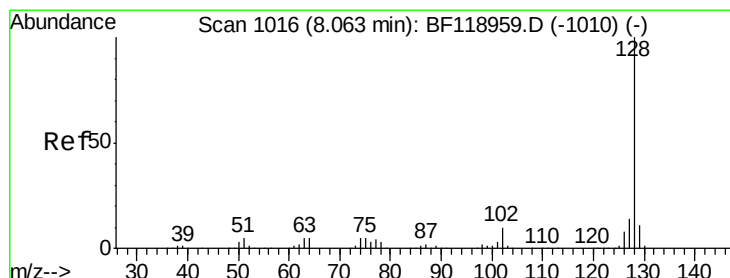
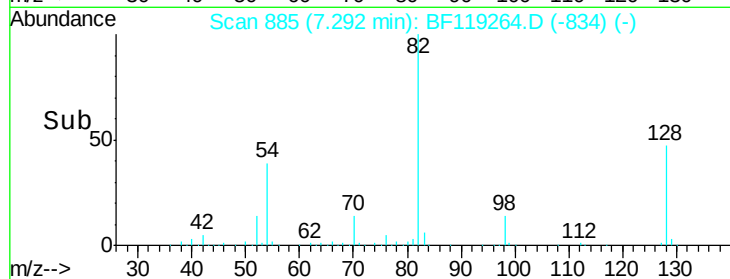
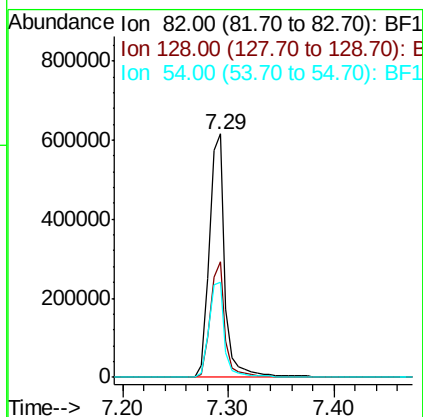
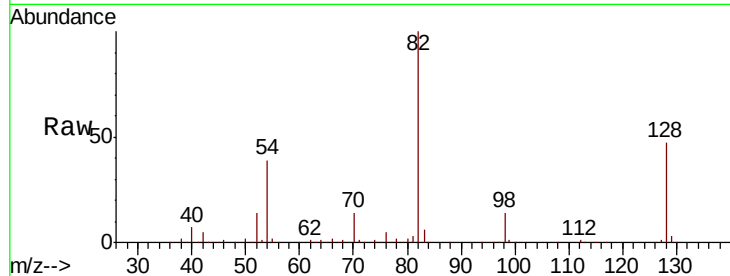




#23
 Nitrobenzene-d5
 Concen: 85.582 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

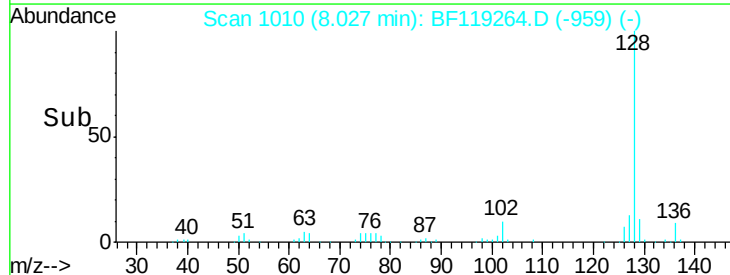
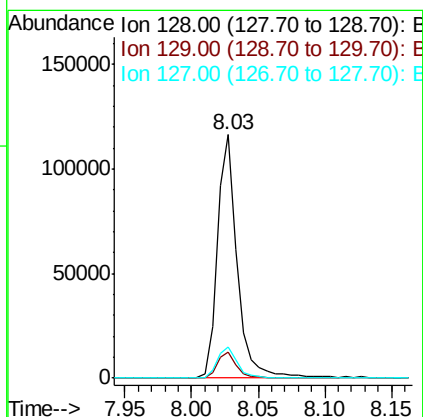
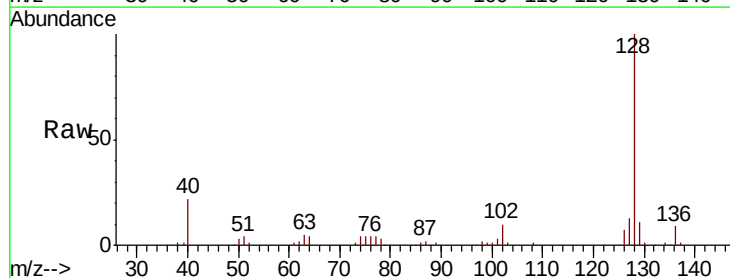
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420

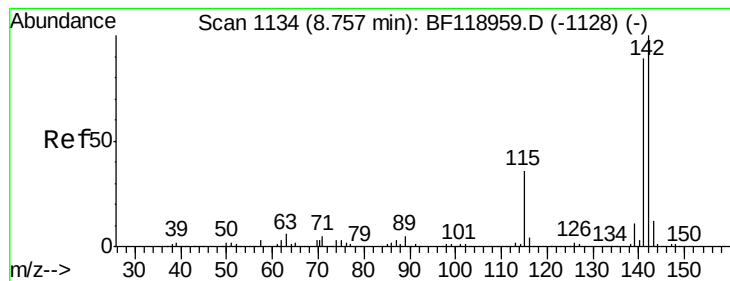
Tot Ion	82	Resp	641061
Ion Ratio	100	Lower	Upper
128	47.5	37.9	56.9
54	39.3	33.4	50.2



#31
 Naphthalene
 Concen: 5.959 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

Tgt Ion	128	Resp	122229
Ion Ratio	100	Lower	Upper
129	10.6	9.4	14.2
127	12.9	11.4	17.2





#37

2-Methylnaphthalene

Concen: 2.495 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

SU-04-030420

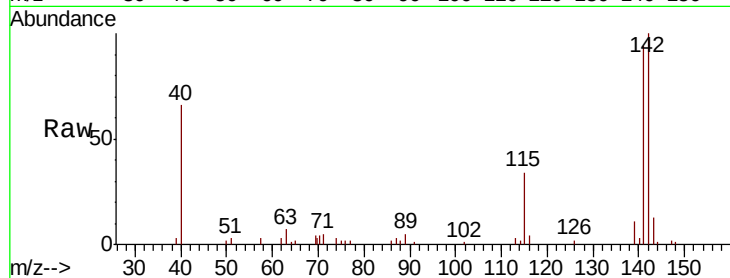
Tot Ion:142 Resp: 34439

Ion Ratio Lower Upper

142 100

141 93.9 72.3 108.5

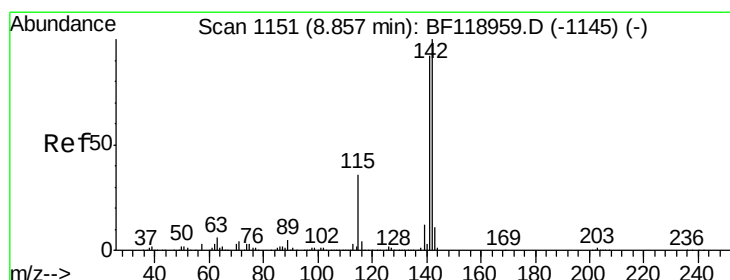
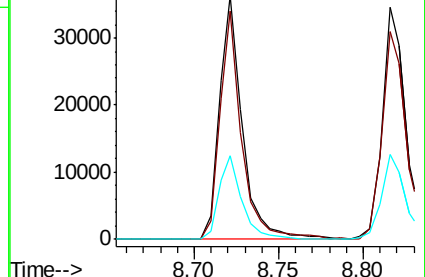
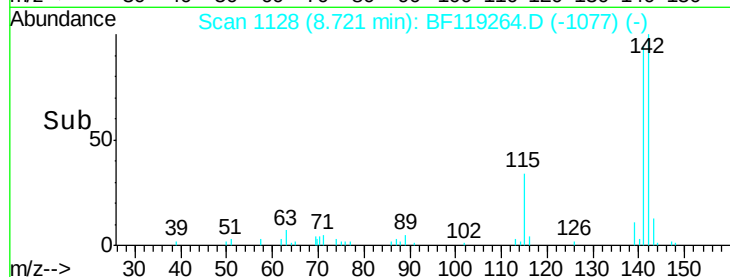
115 34.3 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.689 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

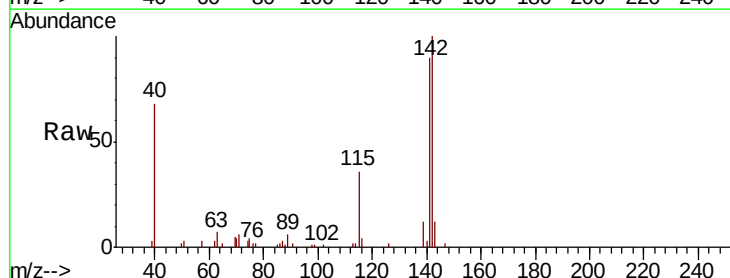
Tgt Ion:142 Resp: 34905

Ion Ratio Lower Upper

142 100

141 89.8 75.8 113.6

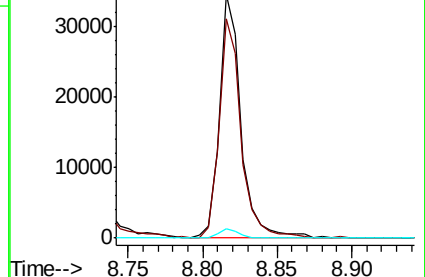
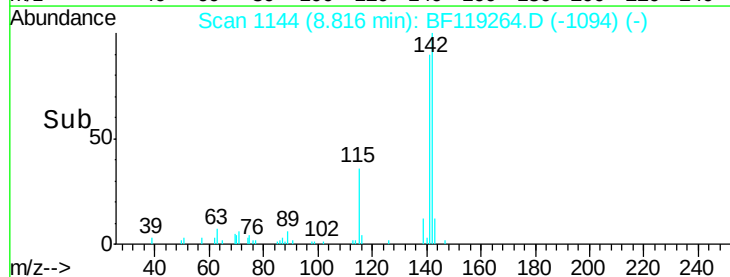
116 3.9 3.1 4.7

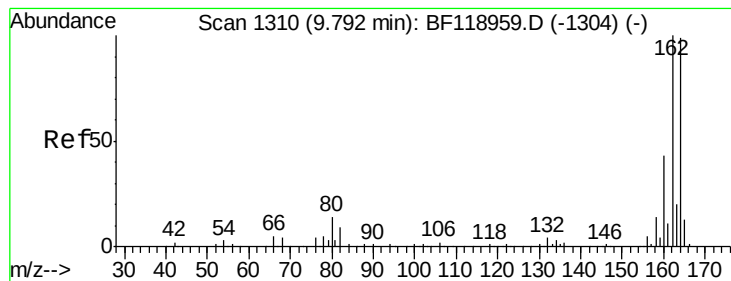


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

SU-04-030420

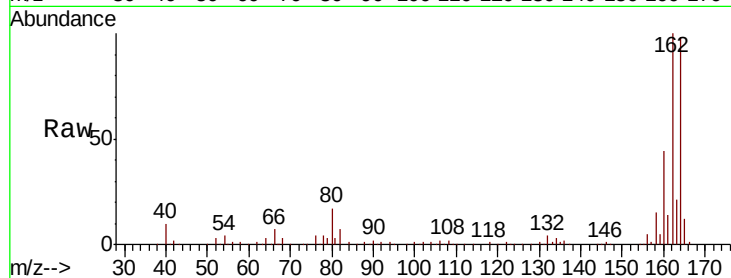
Tot Ion:164 Resp: 222477

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

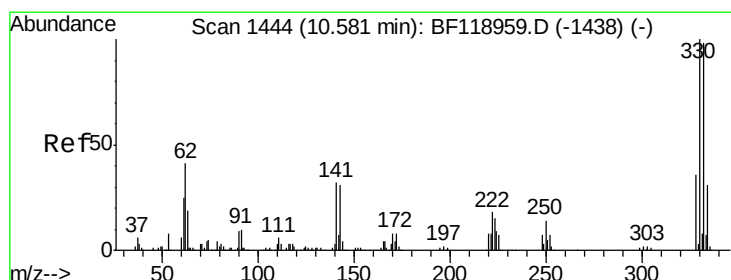
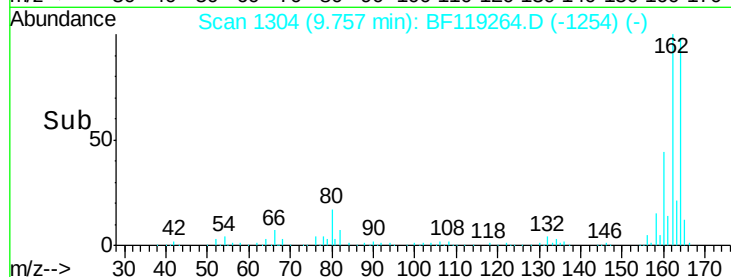
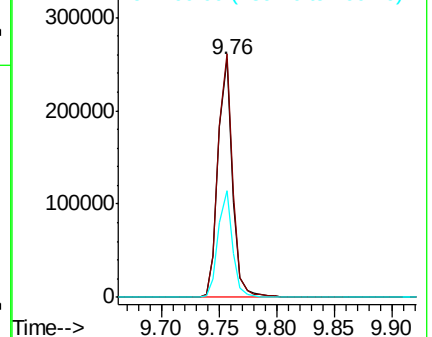
160 44.9 36.0 54.0



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: 128.549 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

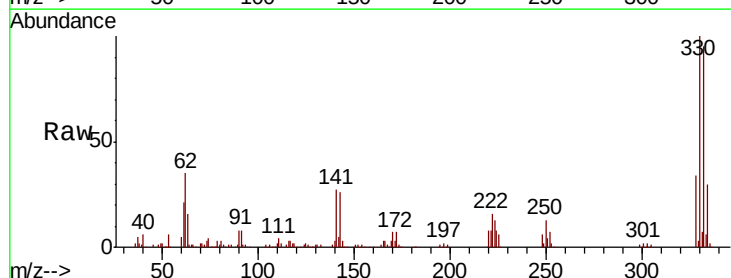
Tgt Ion:330 Resp: 374127

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

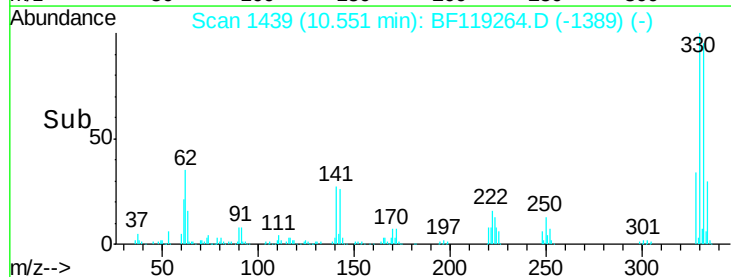
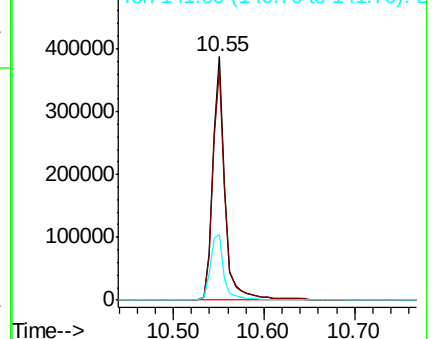
141 30.2 22.9 34.3

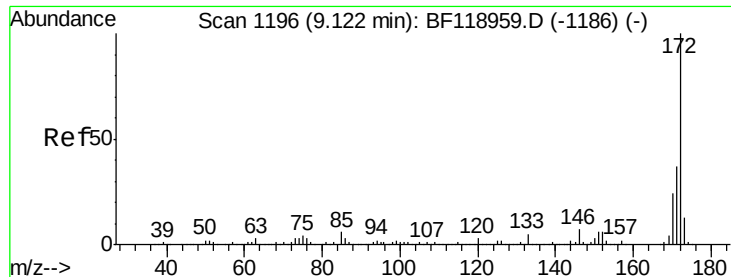


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

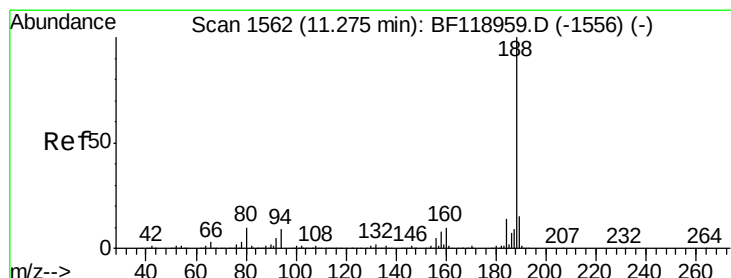
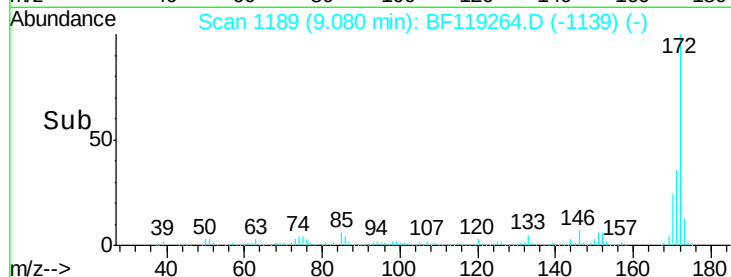
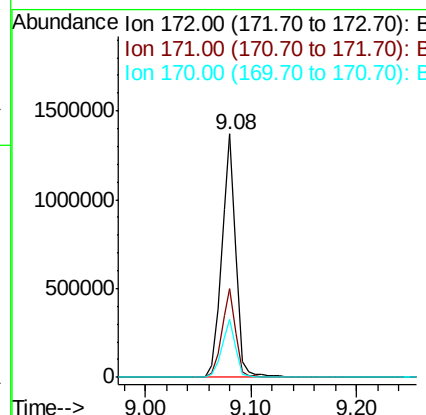
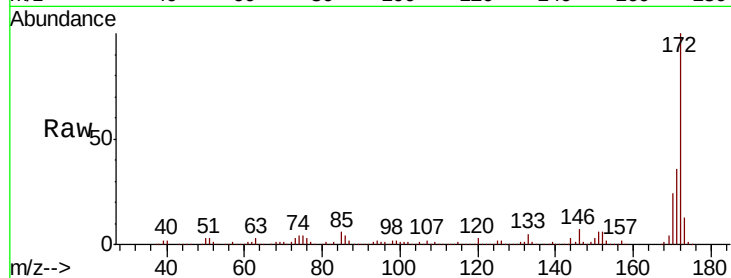




#45
2-Fluorobiphenyl
Concen: 85.863 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

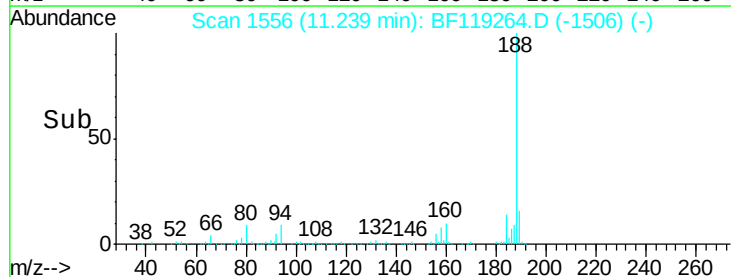
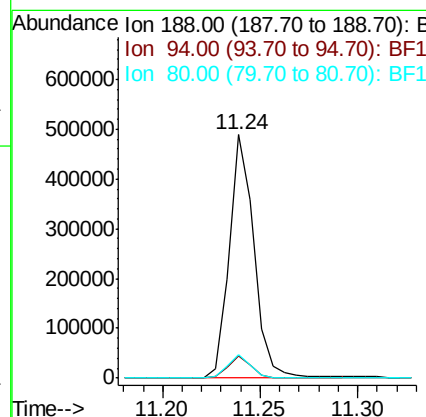
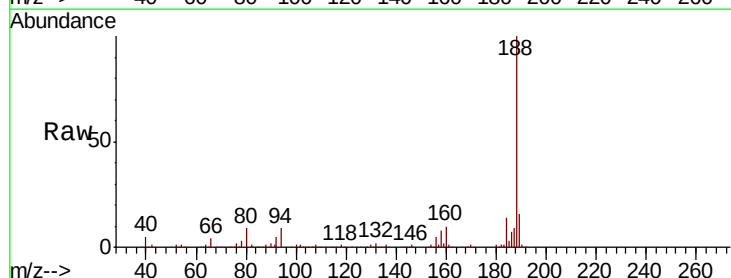
Instrument :
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SU-04-030420

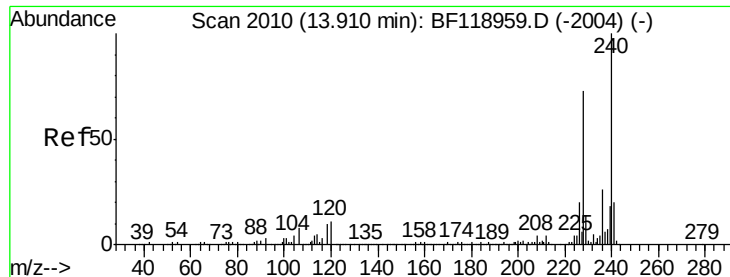
Tot Ion:172 Resp: 1296690
Ion Ratio Lower Upper
172 100
171 36.2 30.6 45.8
170 24.1 20.2 30.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119264.D
Acq: 6 Mar 2020 22:09

Tgt Ion:188 Resp: 427425
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 9.4 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

Instrument :

BNA_F

ClientSampleId :

SU-04-030420

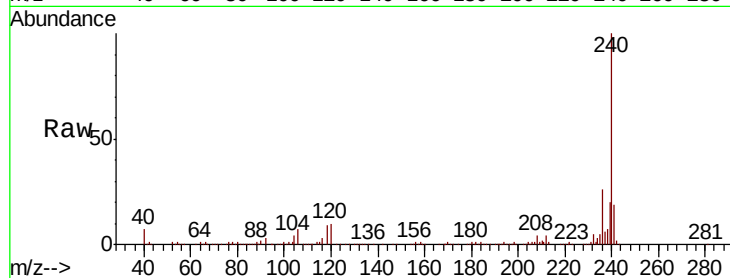
Tot Ion:240 Resp: 346202

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

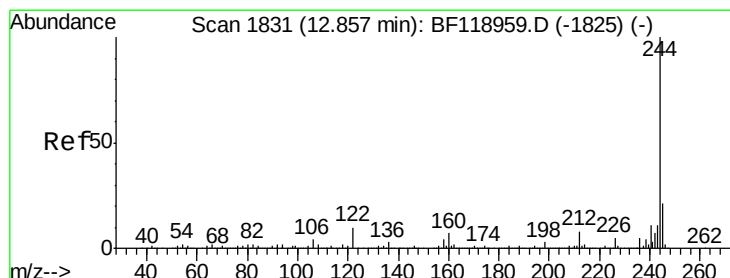
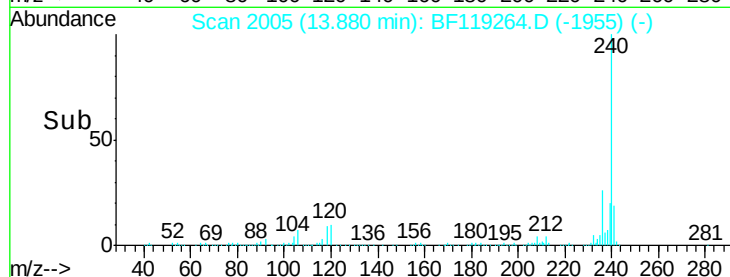
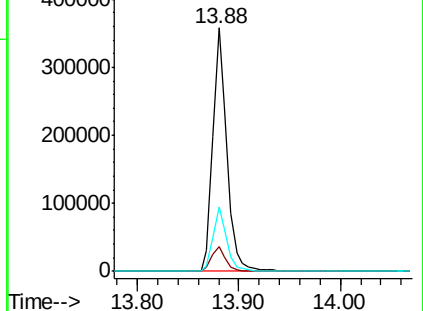
236 26.3 21.0 31.4



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: 88.891 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF119264.D

Acq: 6 Mar 2020 22:09

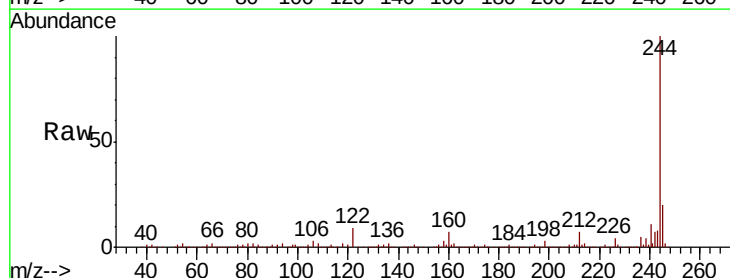
Tgt Ion:244 Resp: 1787461

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

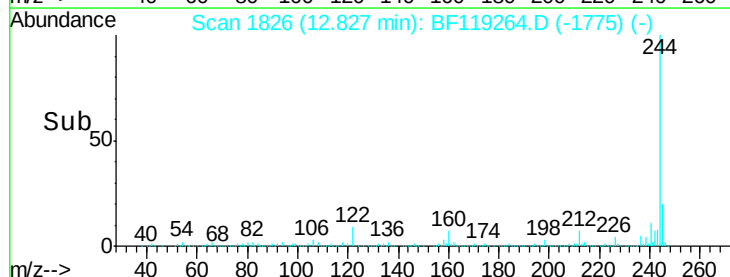
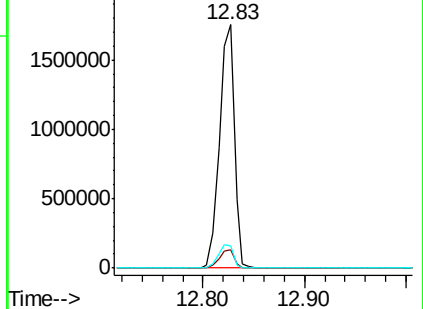
122 9.2 8.2 12.2

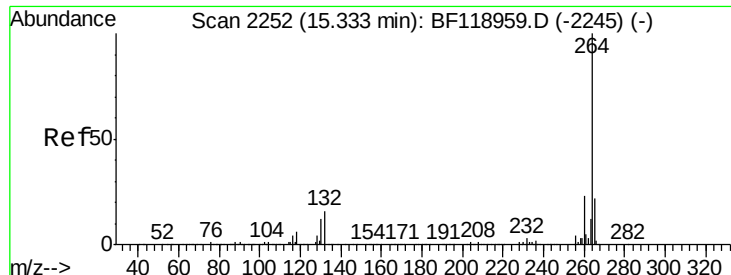


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF119264.D
 Acq: 6 Mar 2020 22:09

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-030420

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.0	17.7	26.5

