

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119830.D
 Acq On : 7 Apr 2020 18:52
 Operator : MA/SJ
 Sample : L2135-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

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

Quant Time: Apr 08 00:55:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

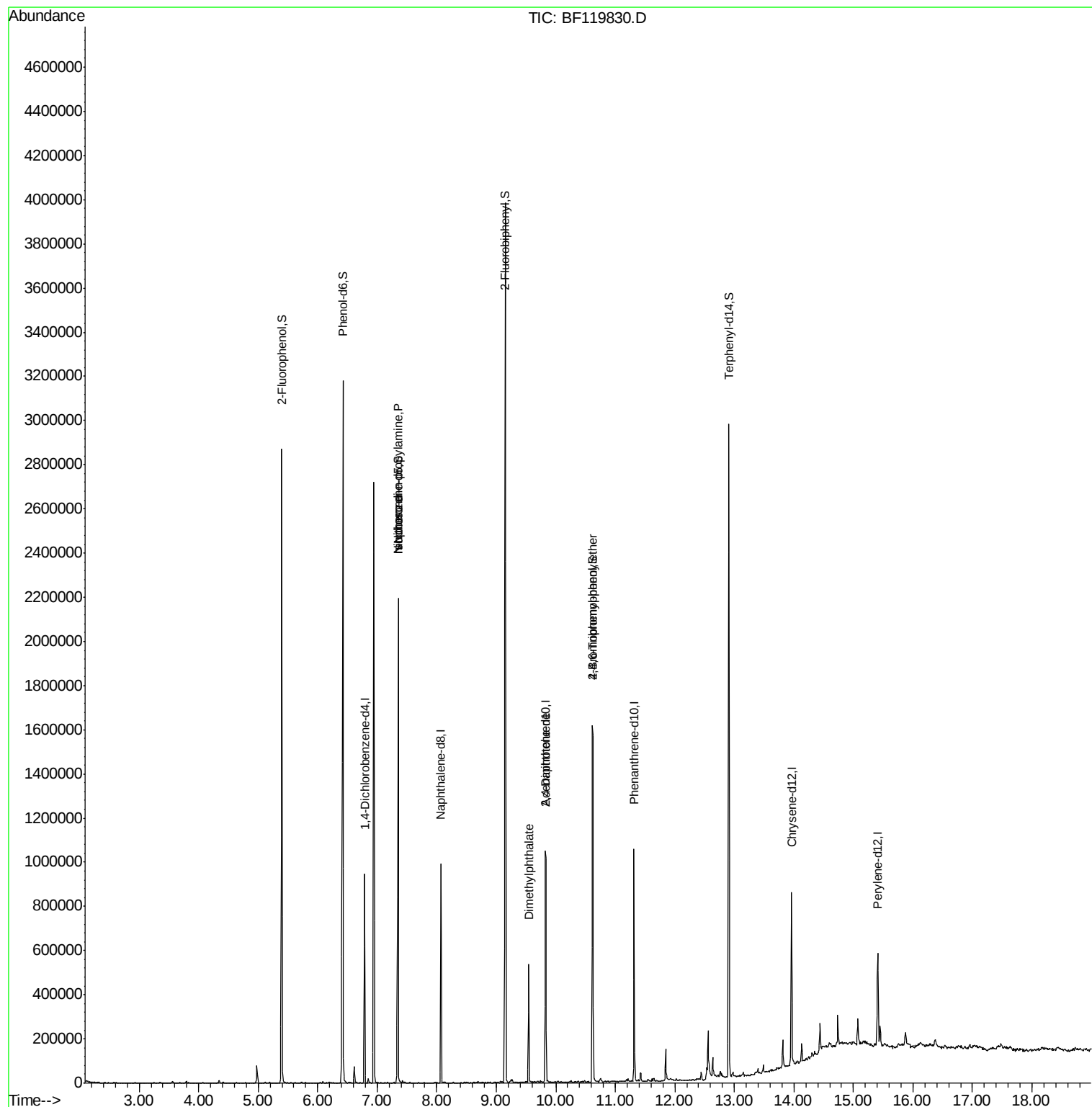
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123496	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	449305	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	216967	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	364764	20.00	ng	0.00
76) Chrysene-d12	13.96	240	256371	20.00	ng	0.00
87) Perylene-d12	15.41	264	192666	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	707412	91.19	ng	0.01
7) Phenol-d6	6.42	99	1052329	106.19	ng	0.00
23) Nitrobenzene-d5	7.35	82	637320	77.09	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	197091	88.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1149715	78.50	ng	0.00
79) Terphenyl-d14	12.91	244	1031956	78.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	84317	14.12	ng	# 76
25) Isophorone	7.35	82	634596	37.84	ng	# 65
50) Dimethylphthalate	9.55	163	181551	11.78	ng	99
57) 2,4-Dinitrotoluene	9.83	165	27043	6.50	ng	# 21
67) 4-Bromophenyl-phenylether	10.62	248	11885	2.86	ng	# 1

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

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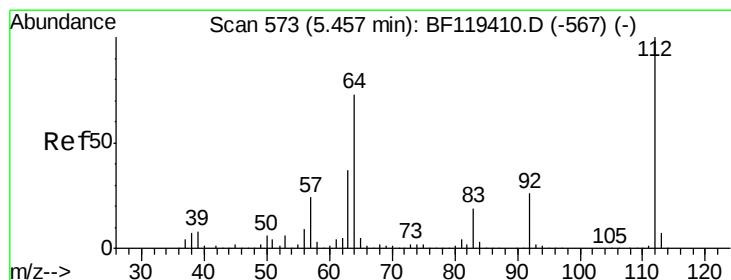
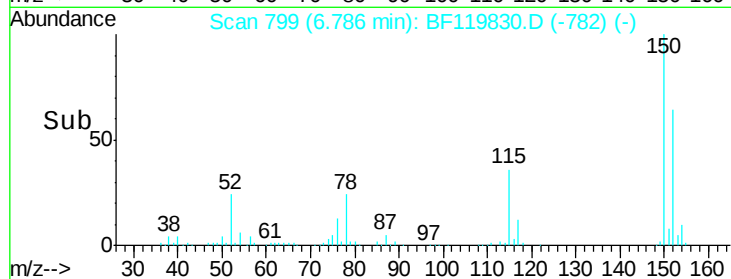
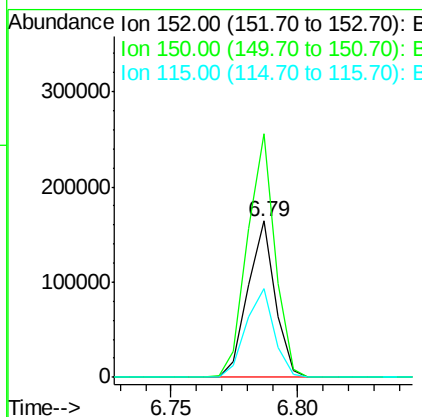
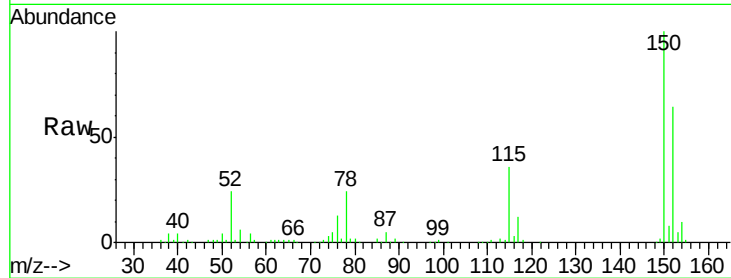




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF119830.D
 Acq: 7 Apr 2020 18:52

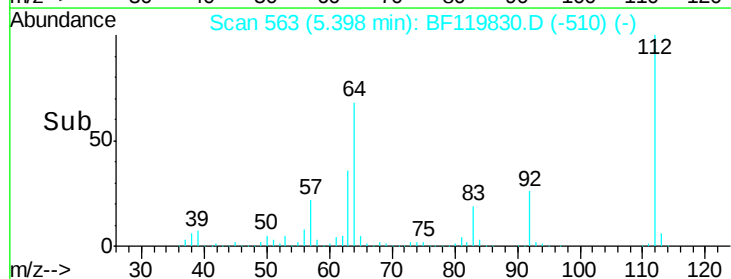
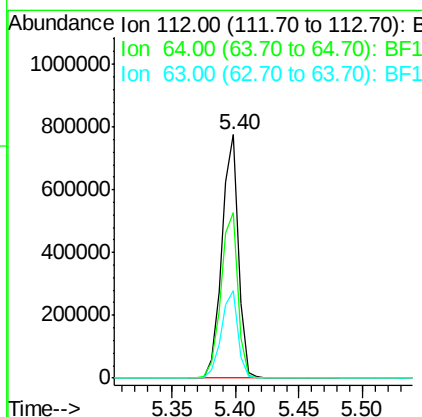
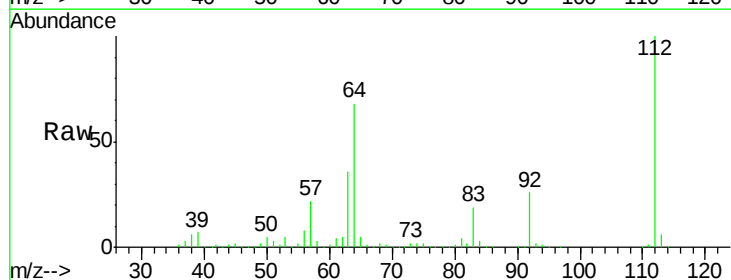
Instrument :
 BNA_F
 ClientSampleId :
 SB-2J-(0-2)

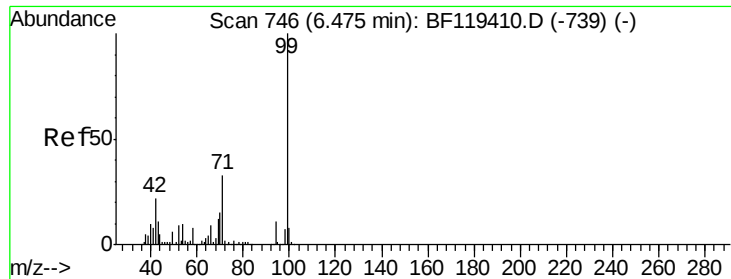
Tgt Ion:152 Resp: 123496
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.5 186.7
 115 56.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 91.19 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF119830.D
 Acq: 7 Apr 2020 18:52

Tgt Ion:112 Resp: 707412
 Ion Ratio Lower Upper
 112 100
 64 67.7 56.7 85.1
 63 36.0 29.5 44.3





#7

Phenol-d6

Concen: 106.19 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

Instrument :

BNA_F

ClientSampleId :

SB-2J-(0-2)

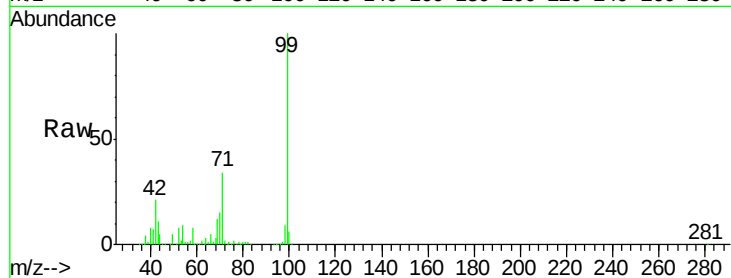
Tgt Ion: 99 Resp: 1052329

Ion Ratio Lower Upper

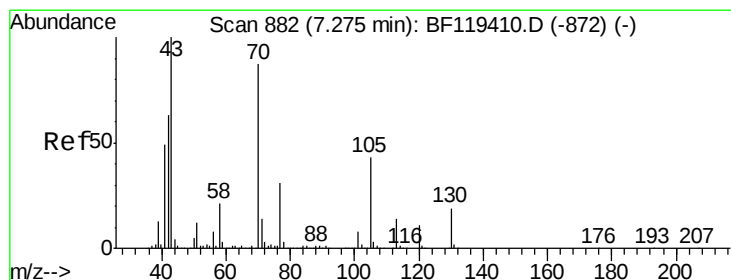
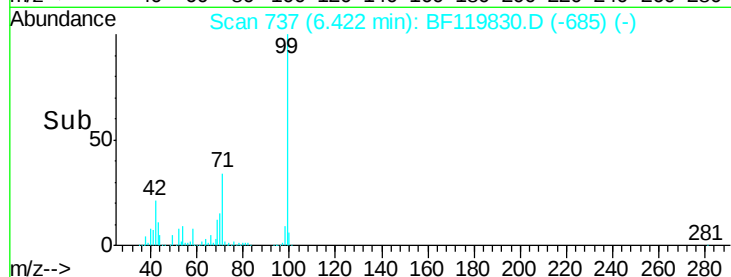
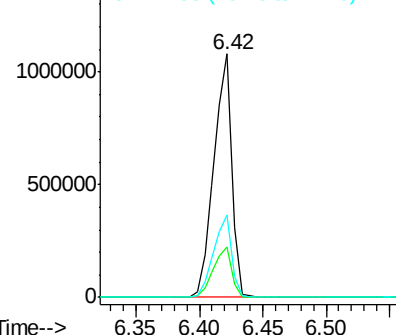
99 100

42 20.6 16.6 24.8

71 33.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.12 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.15 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

Tgt Ion: 70 Resp: 84317

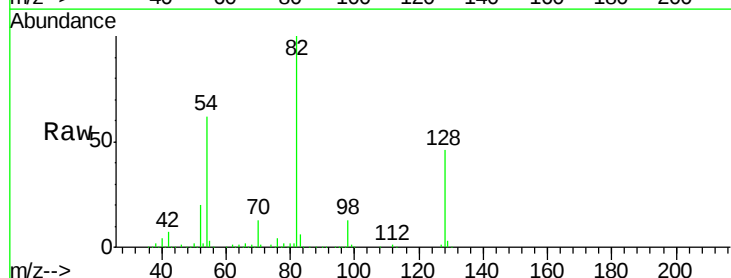
Ion Ratio Lower Upper

70 100

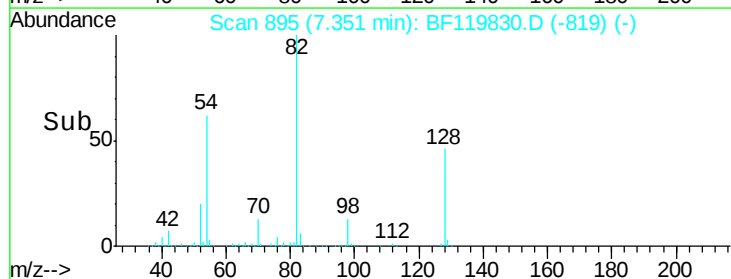
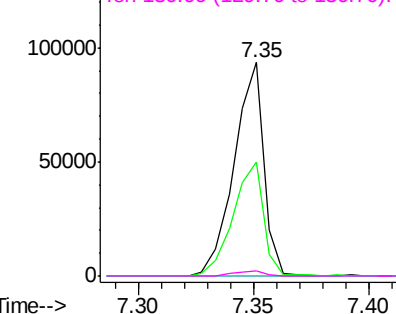
42 53.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

Instrument :

BNA_F

ClientSampleId :

SB-2J-(0-2)

Tgt Ion:136 Resp: 449305

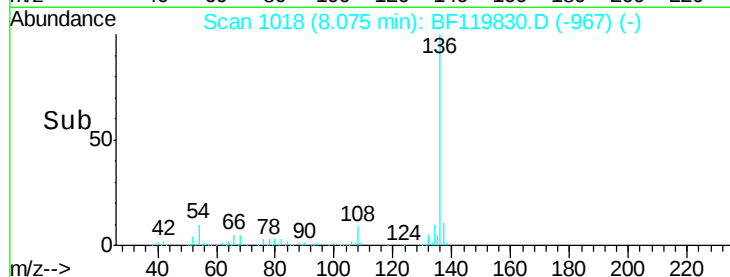
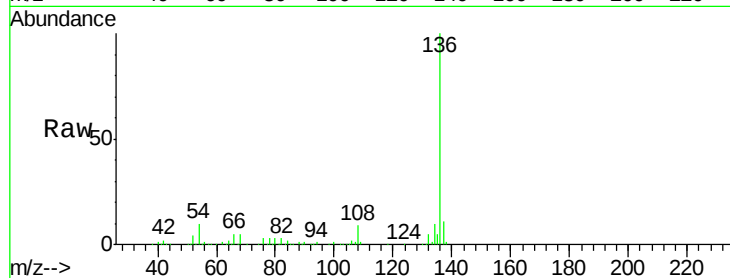
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.6 9.1 13.7

68 5.0 4.6 6.8

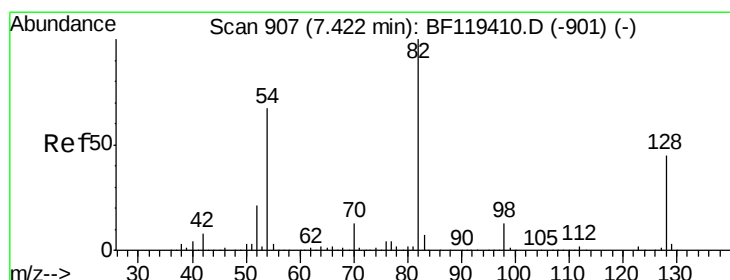
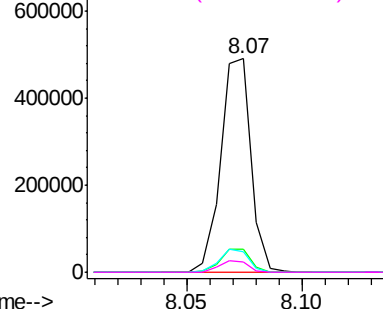


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.09 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

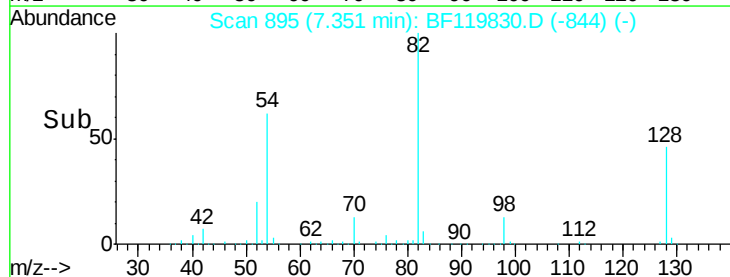
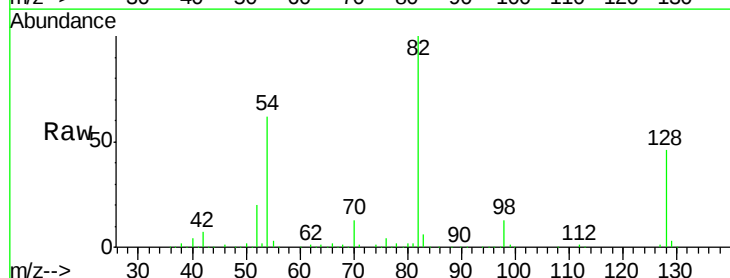
Tgt Ion: 82 Resp: 637320

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

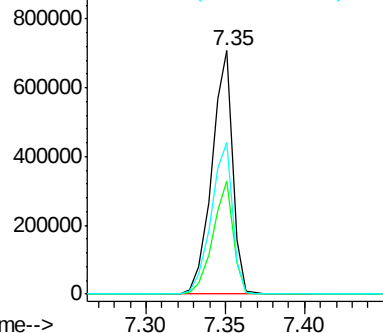
54 62.2 50.6 75.8

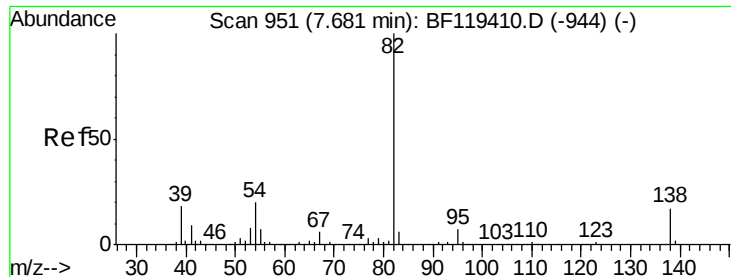


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

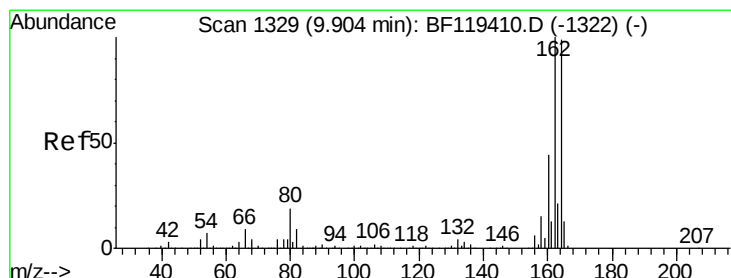
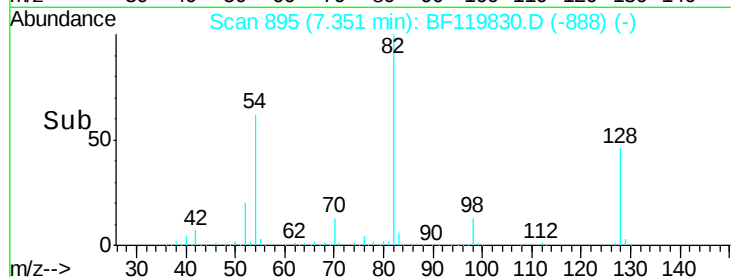
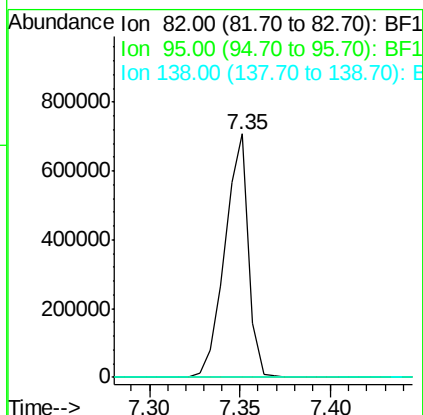
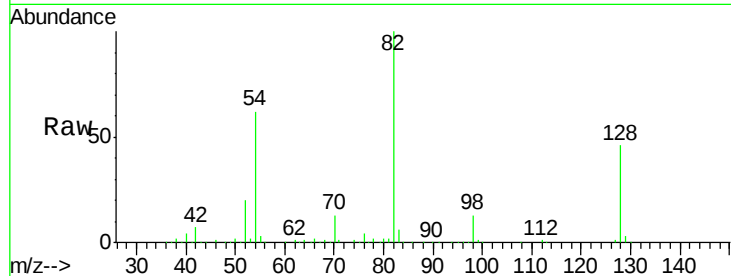




#25
Isophorone
Concen: 37.84 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF119830.D
Acq: 7 Apr 2020 18:52

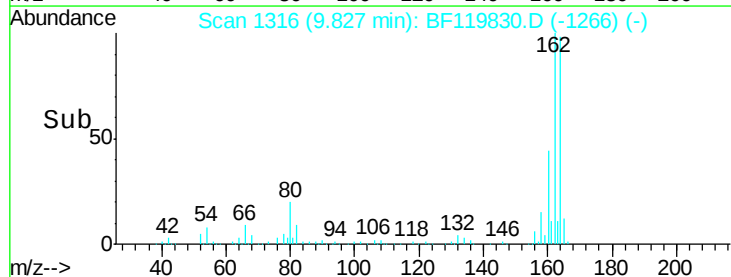
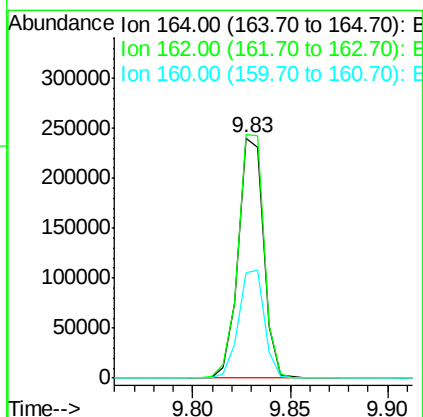
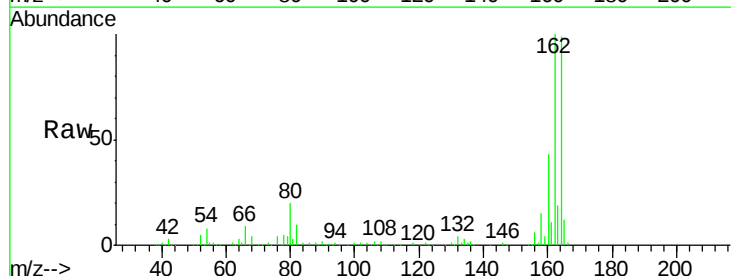
Instrument :
BNA_F
ClientSampleId :
SB-2J-(0-2)

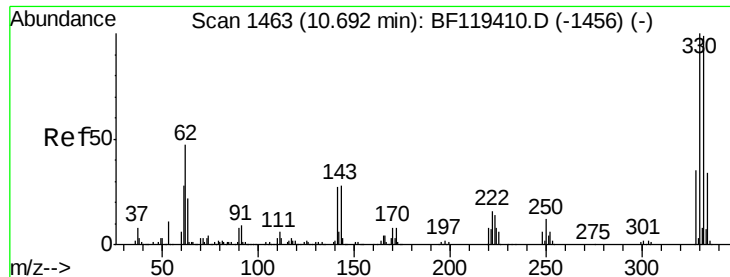
Tgt Ion: 82 Resp: 634596
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119830.D
Acq: 7 Apr 2020 18:52

Tgt Ion: 164 Resp: 216967
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 44.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 88.05 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

Instrument :

BNA_F

ClientSampleId :

SB-2J-(0-2)

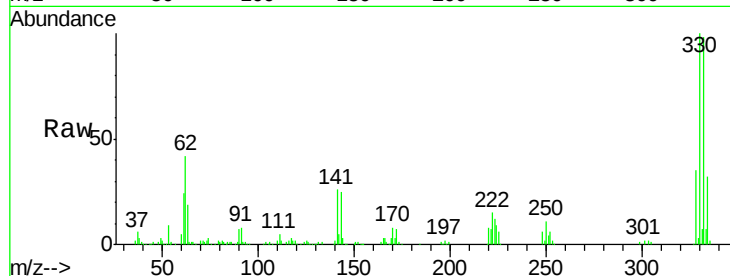
Tgt Ion:330 Resp: 197091

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

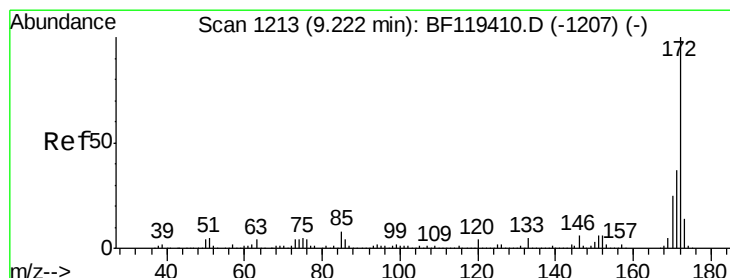
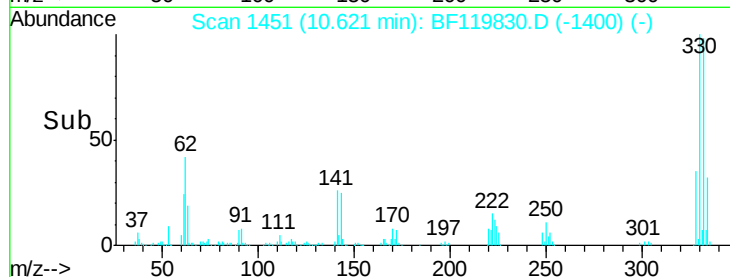
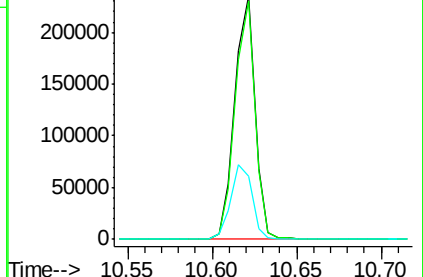
141 32.0 25.4 38.0



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: 78.50 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

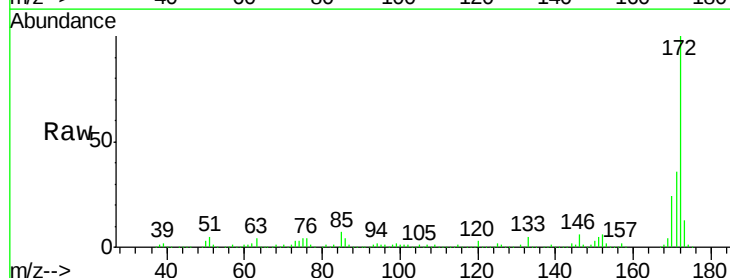
Tgt Ion:172 Resp: 1149715

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

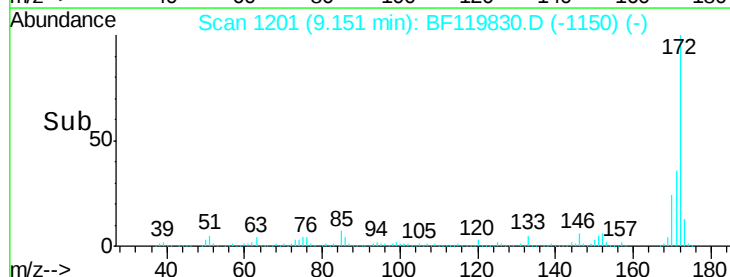
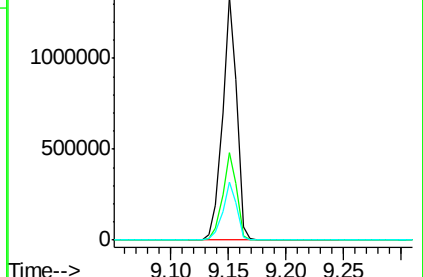
170 24.0 20.2 30.2

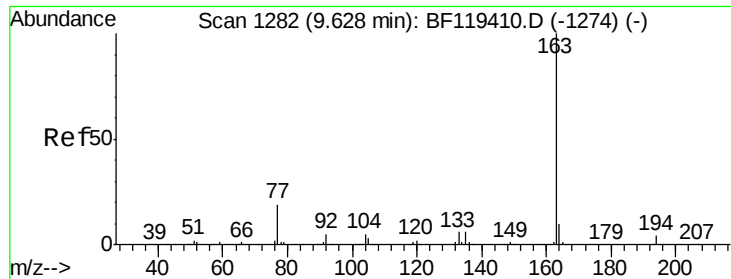


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

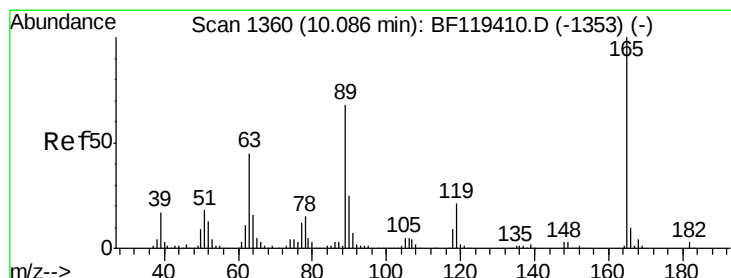
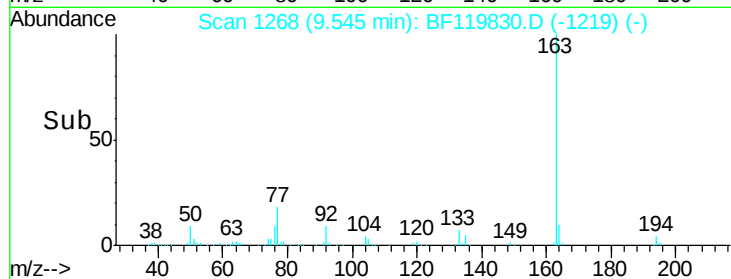
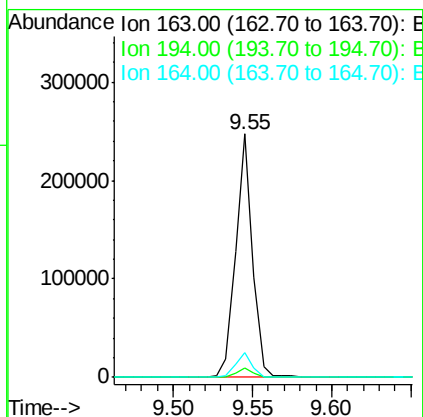
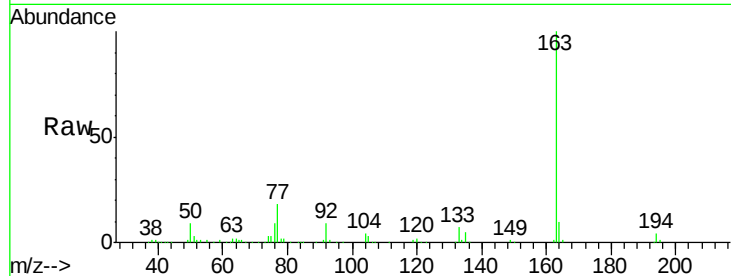




#50
Dimethylphthalate
Concen: 11.78 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF119830.D
Acq: 7 Apr 2020 18:52

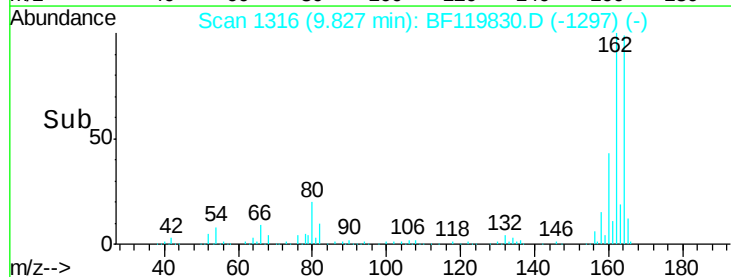
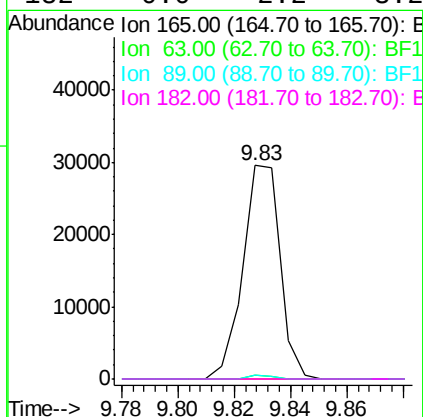
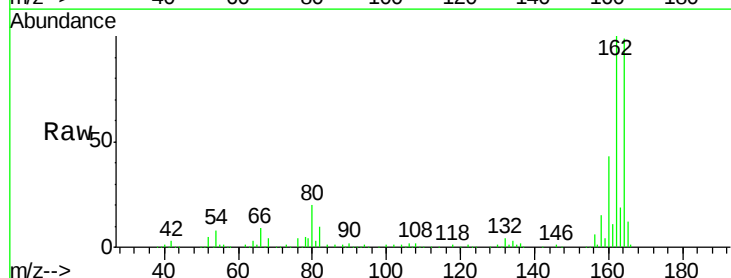
Instrument :
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SB-2J-(0-2)

Tgt Ion:163 Resp: 181551
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF119830.D
Acq: 7 Apr 2020 18:52

Tgt Ion:165 Resp: 27043
Ion Ratio Lower Upper
165 100
63 1.8 42.6 64.0#
89 1.7 61.0 91.4#
182 0.0 2.2 3.2#

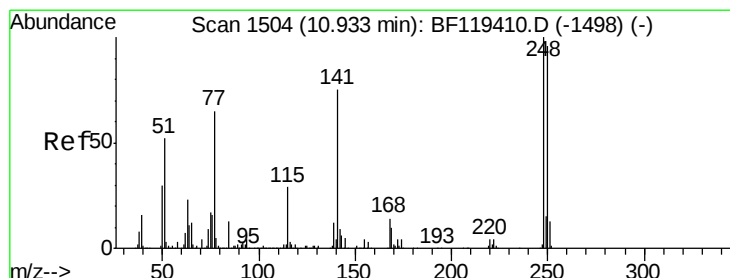
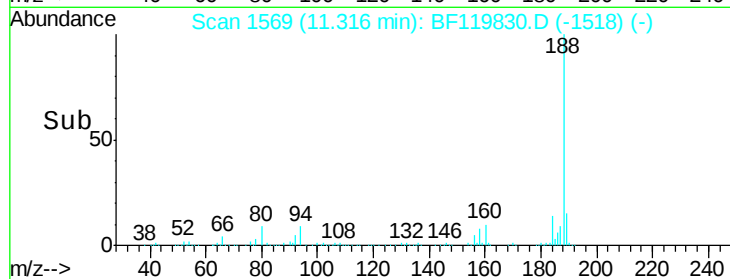
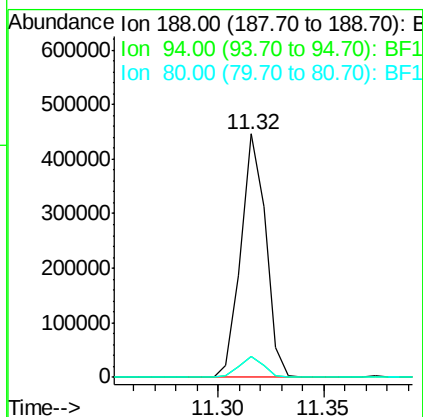
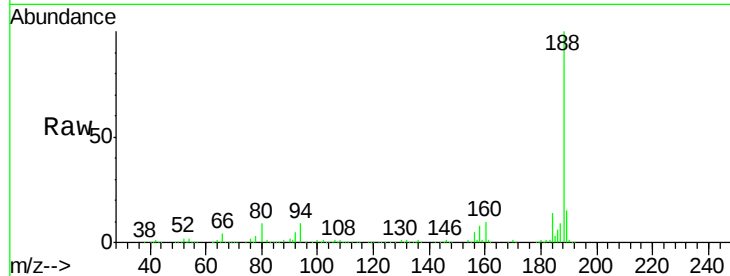




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF119830.D
 Acq: 7 Apr 2020 18:52

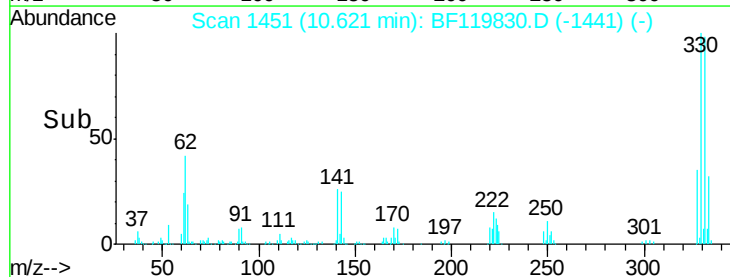
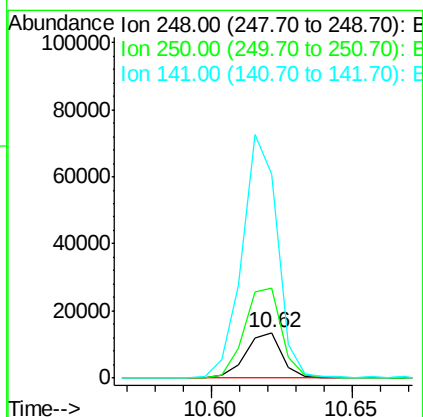
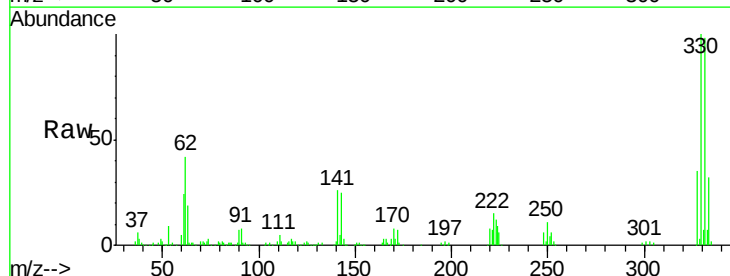
Instrument :
 BNA_F
 ClientSampleId :
 SB-2J-(0-2)

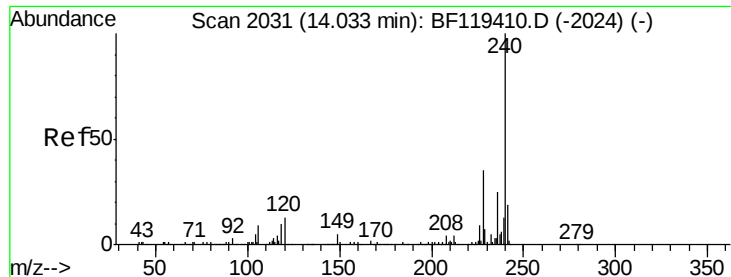
Tgt Ion:188 Resp: 364764
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.5 11.3
 80 8.8 9.0 13.4#



#67
 4-Bromophenyl-phenylether
 Concen: 2.86 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF119830.D
 Acq: 7 Apr 2020 18:52

Tgt Ion:248 Resp: 11885
 Ion Ratio Lower Upper
 248 100
 250 198.5 77.3 115.9#
 141 448.7 58.6 87.8#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

Instrument :

BNA_F

ClientSampleId :

SB-2J-(0-2)

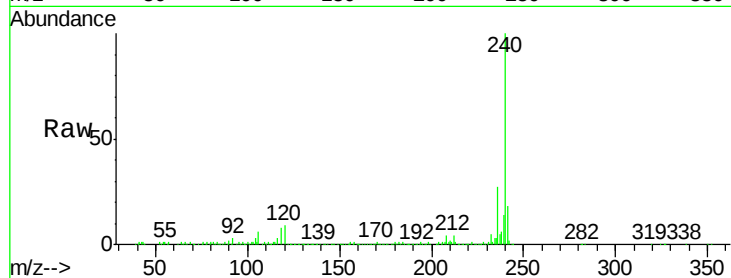
Tgt Ion:240 Resp: 256371

Ion Ratio Lower Upper

240 100

120 8.8 10.6 15.8#

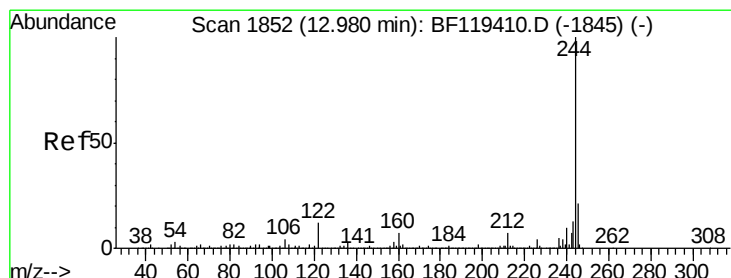
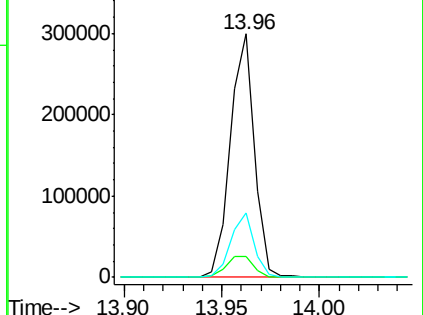
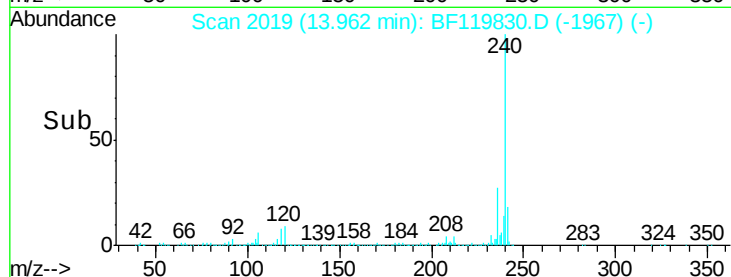
236 26.6 20.2 30.2



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: 78.86 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119830.D

Acq: 7 Apr 2020 18:52

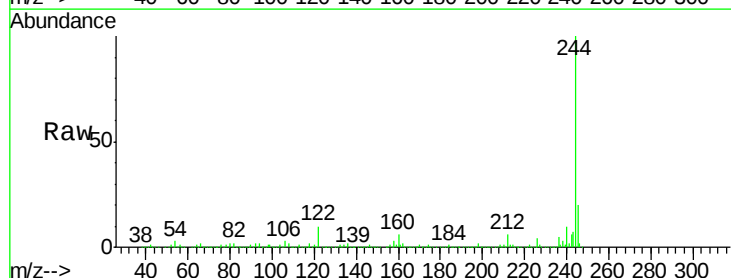
Tgt Ion:244 Resp: 1031956

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

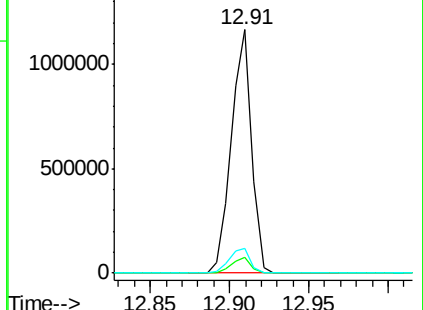
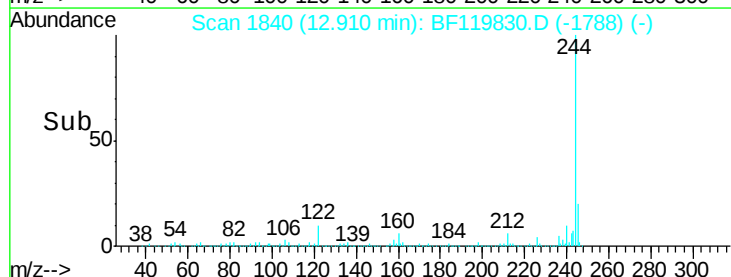
122 10.3 10.3 15.5#

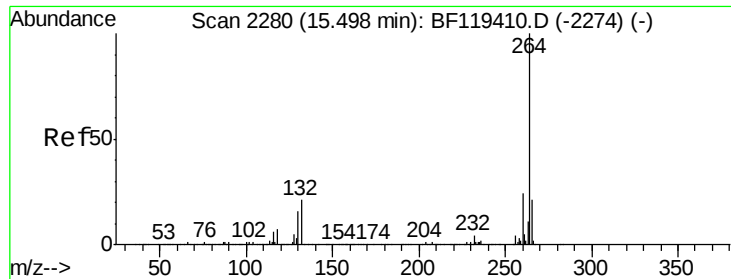


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF119830.D
Acq: 7 Apr 2020 18:52

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

Tgt Ion: 264 Resp: 192666
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.5 17.7 26.5

