

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
 Data File : BF119694.D
 Acq On : 2 Apr 2020 3:57
 Operator : MA/SJ
 Sample : L2089-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Apr 02 04:38:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

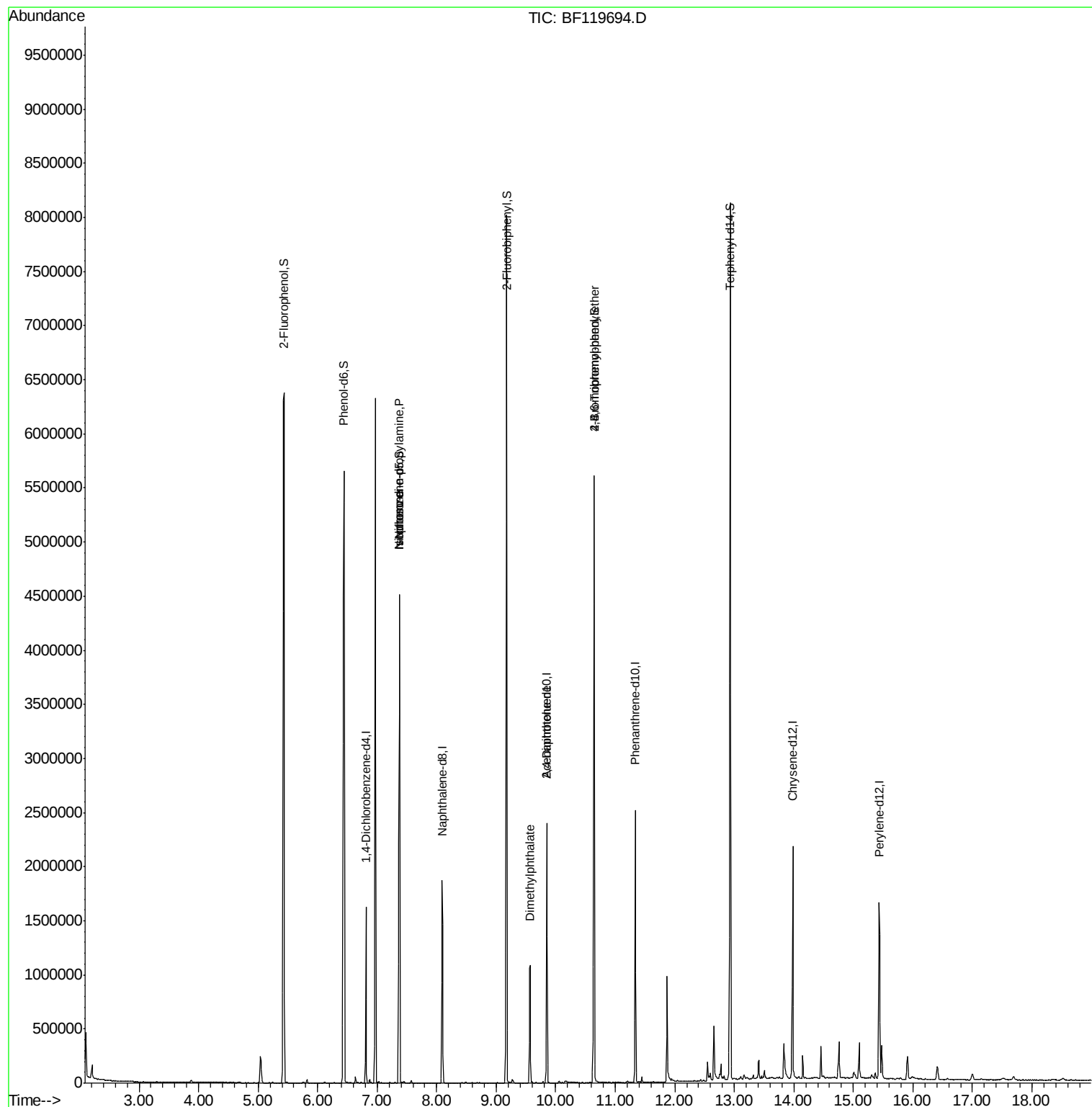
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	223861	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	861658	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	462011	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	918636	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	739278	20.00	ng	-0.02
87) Perylene-d12	15.43	264	742807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2025787	144.06	ng	0.02
7) Phenol-d6	6.44	99	2625429	146.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	1649708	104.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	794909	166.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2934618	94.10	ng	0.00
79) Terphenyl-d14	12.93	244	3150828	83.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	219127	20.24	ng	# 74
25) Isophorone	7.37	82	1649673	51.29	ng	# 65
50) Dimethylphthalate	9.57	163	468780	14.28	ng	99
57) 2,4-Dinitrotoluene	9.85	165	59807	6.75	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	47883	4.58	ng	# 1

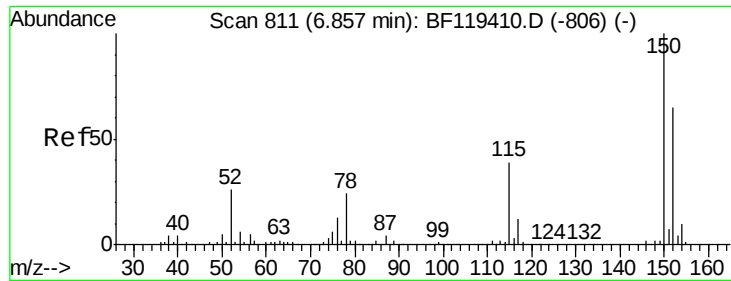
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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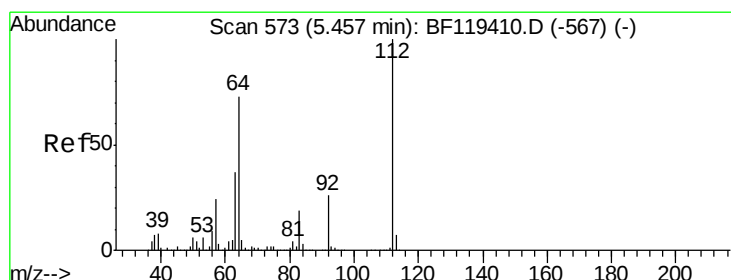
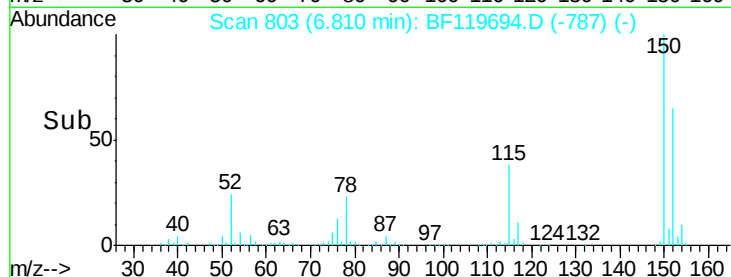
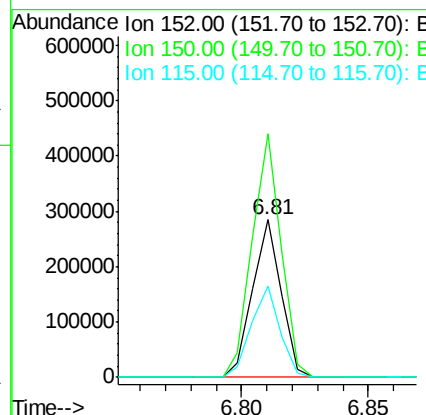
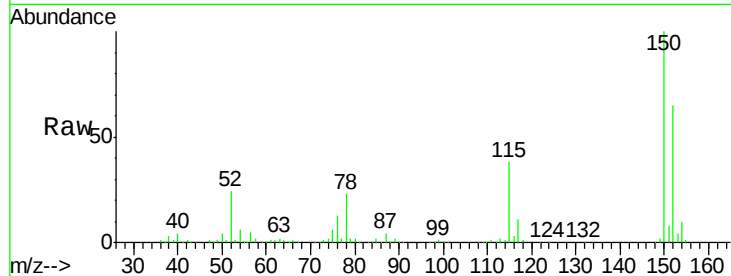




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

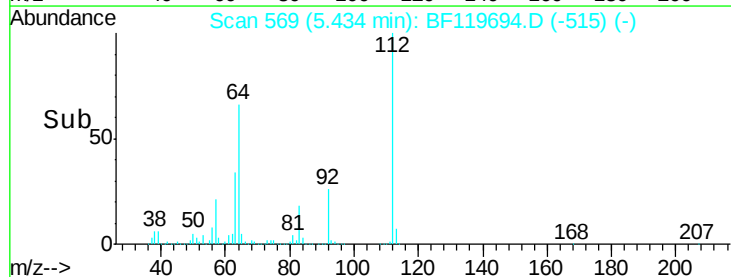
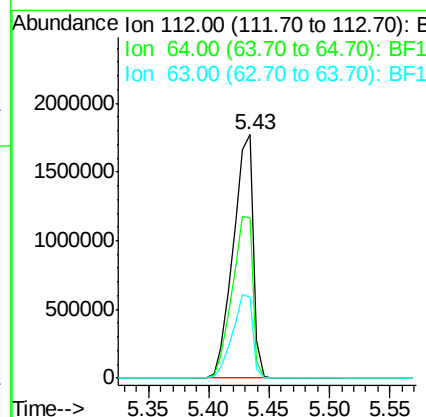
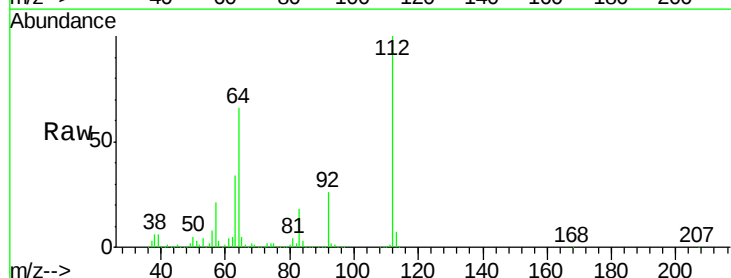
Instrument :
 BNA_F
 ClientSampleId :
 SB-2D-(0-2)

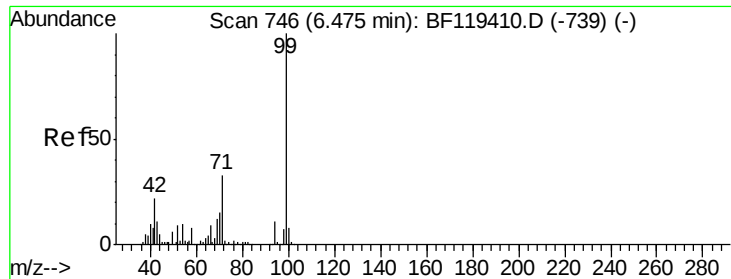
Tgt Ion:152 Resp: 223861
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.5 186.7
 115 58.2 49.6 74.4



#5
 2-Fluorophenol
 Concen: 144.06 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF119694.D
 Acq: 2 Apr 2020 3:57

Tgt Ion:112 Resp: 2025787
 Ion Ratio Lower Upper
 112 100
 64 66.0 56.7 85.1
 63 33.5 29.5 44.3





#7

Phenol-d6

Concen: 146.15 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

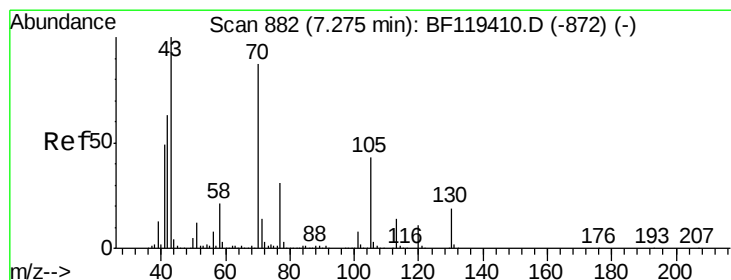
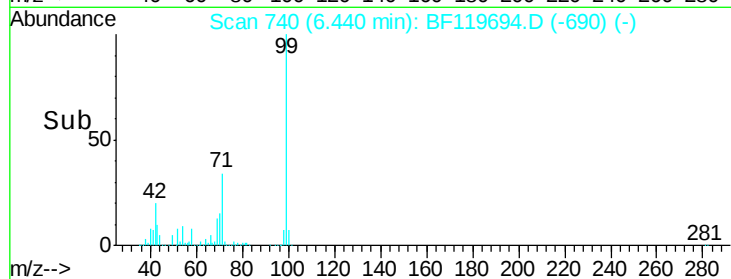
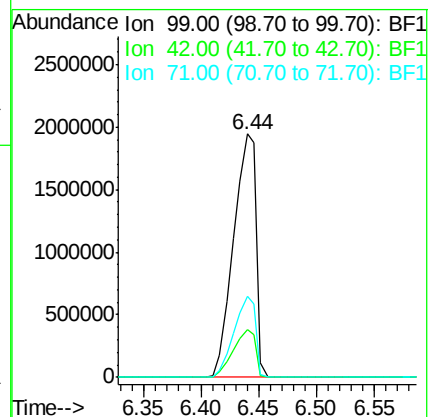
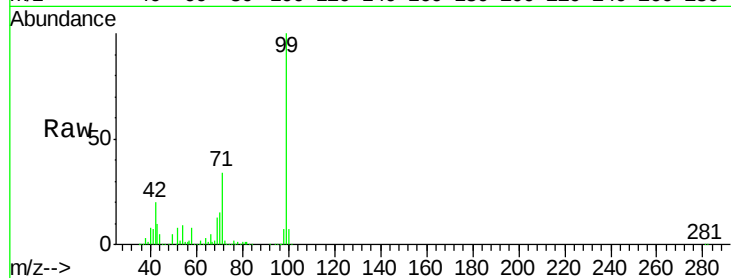
Tgt Ion: 99 Resp: 2625429

Ion Ratio Lower Upper

99 100

42 19.7 16.6 24.8

71 33.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.24 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Tgt Ion: 70 Resp: 219127

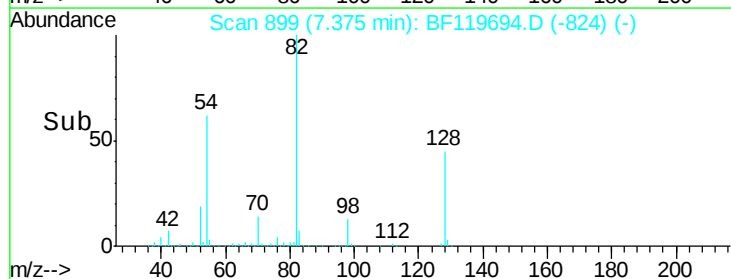
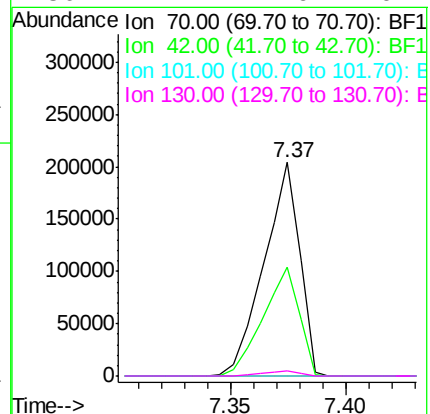
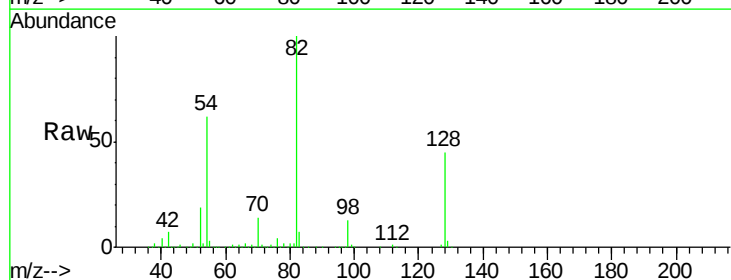
Ion Ratio Lower Upper

70 100

42 50.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

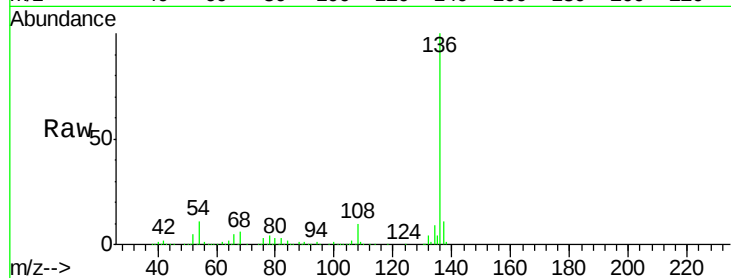




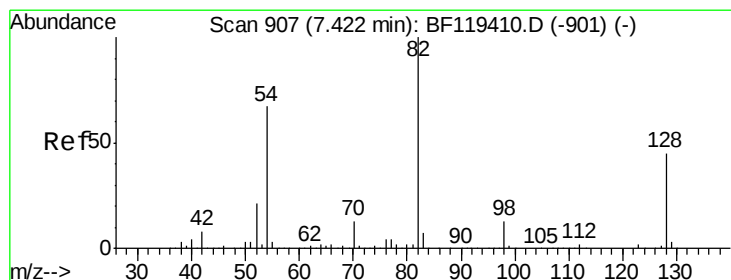
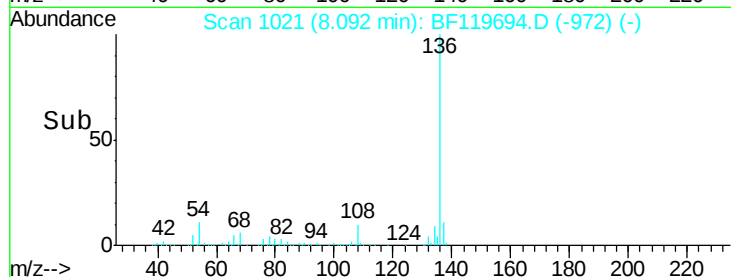
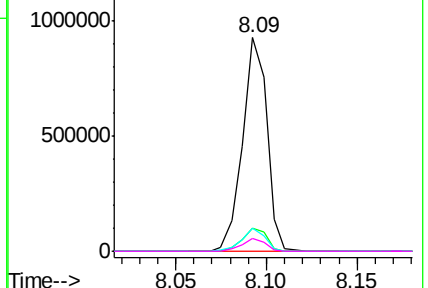
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

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

Tgt Ion:	136	Resp:	861658
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.8	9.1	13.7
68	6.0	4.6	6.8

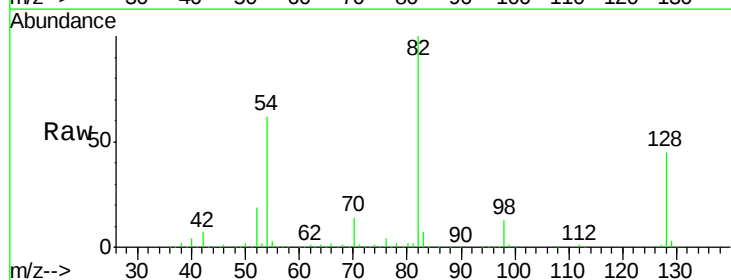


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

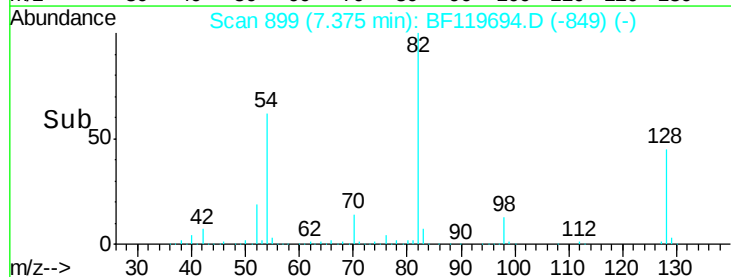
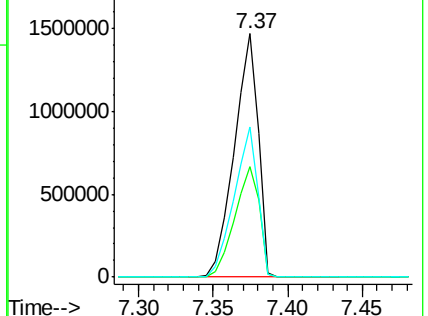


#23
Nitrobenzene-d5
Concen: 104.05 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119694.D
Acq: 2 Apr 2020 3:57

Tgt Ion:	82	Resp:	1649708
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	61.7	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: 51.29 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

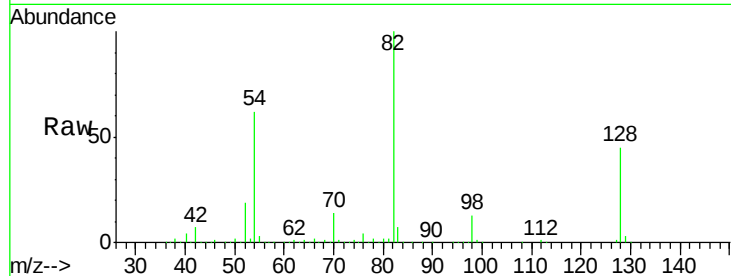
Tgt Ion: 82 Resp: 1649673

Ion Ratio Lower Upper

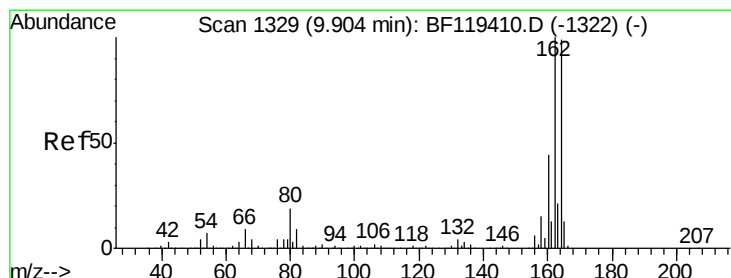
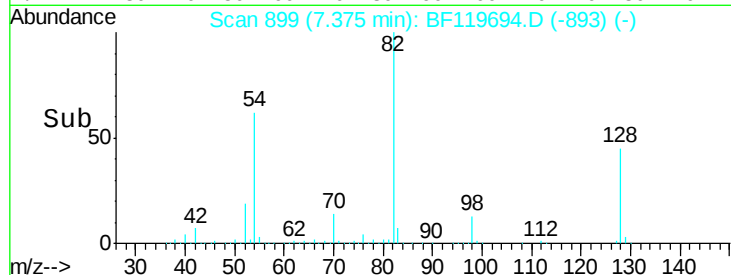
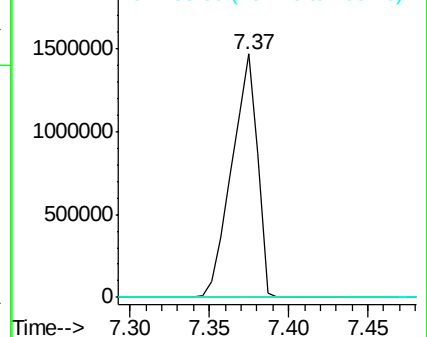
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

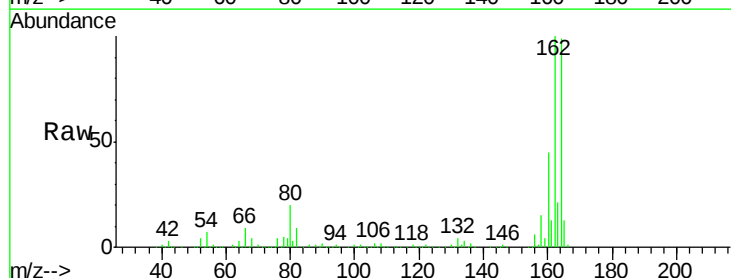
Tgt Ion: 164 Resp: 462011

Ion Ratio Lower Upper

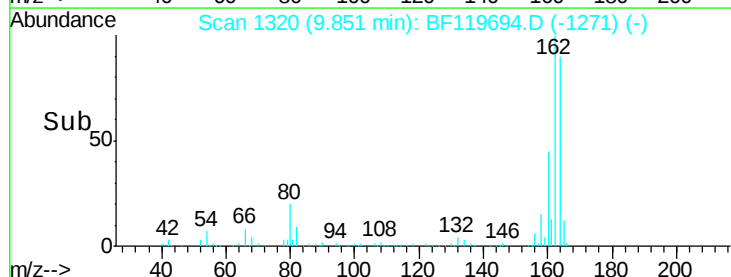
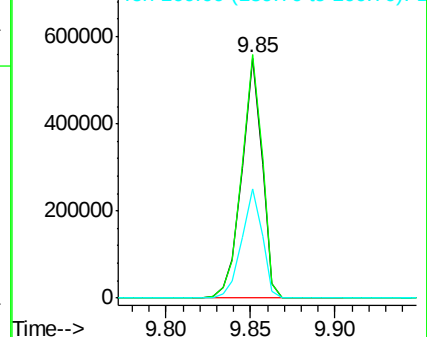
164 100

162 101.5 80.6 121.0

160 45.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 166.77 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

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ClientSampleId :

SB-2D-(0-2)

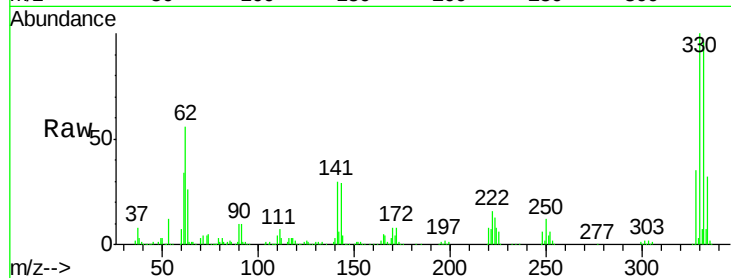
Tgt Ion:330 Resp: 794909

Ion Ratio Lower Upper

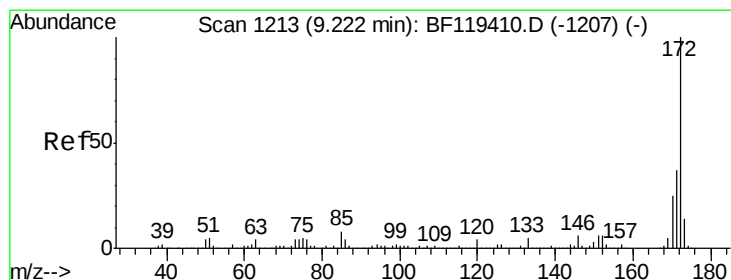
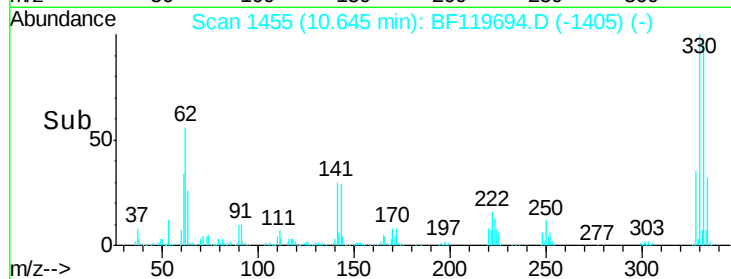
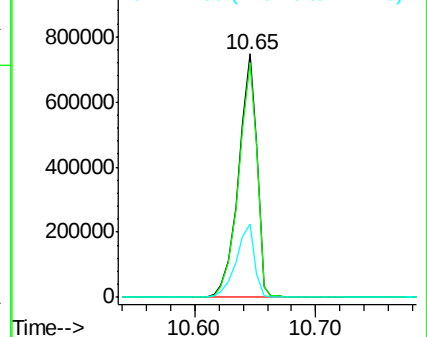
330 100

332 96.7 75.7 113.5

141 29.9 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: 94.10 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

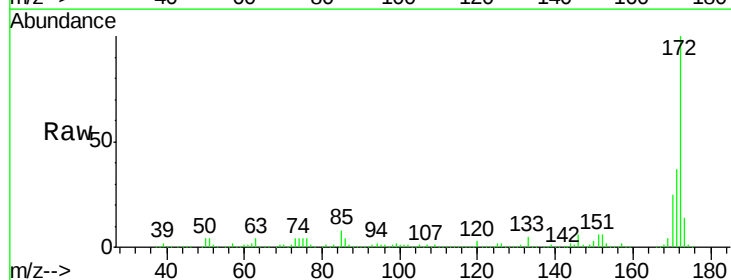
Tgt Ion:172 Resp: 2934618

Ion Ratio Lower Upper

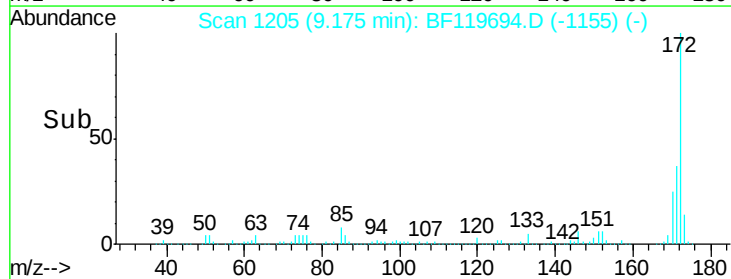
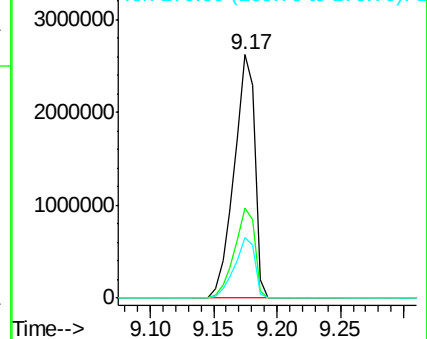
172 100

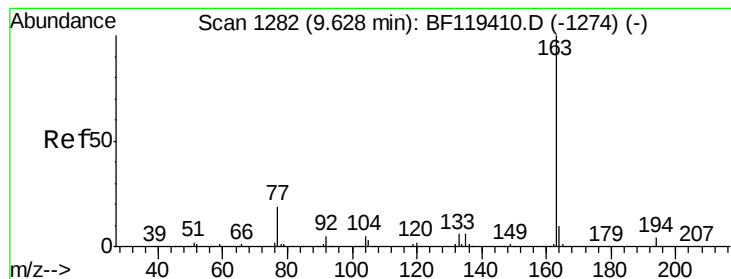
171 37.1 29.6 44.4

170 24.7 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: 14.28 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF119694.D

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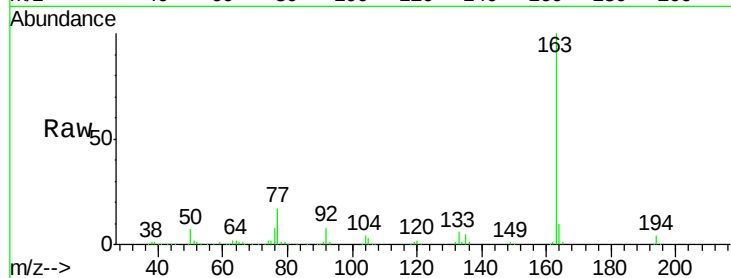
Tgt Ion:163 Resp: 468780

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

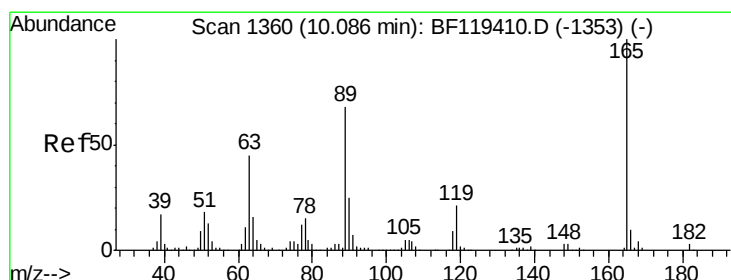
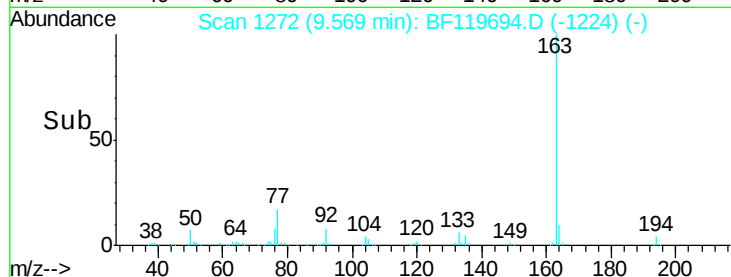
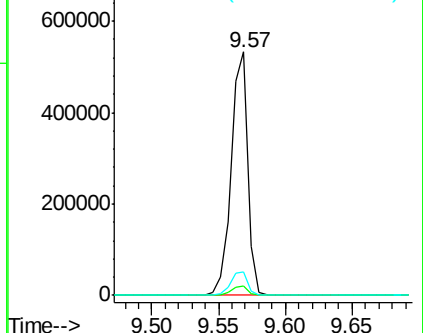
164 9.6 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 6.75 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.20 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Tgt Ion:165 Resp: 59807

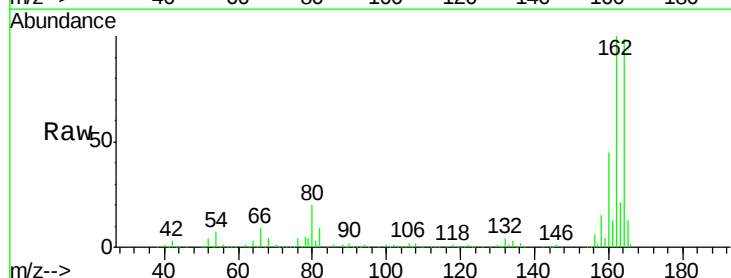
Ion Ratio Lower Upper

165 100

63 1.0 42.6 64.0#

89 1.2 61.0 91.4#

182 0.0 2.2 3.2#

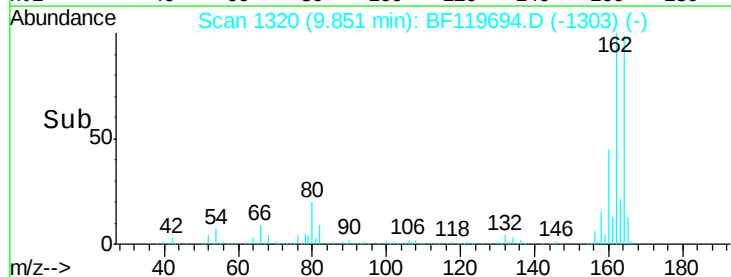
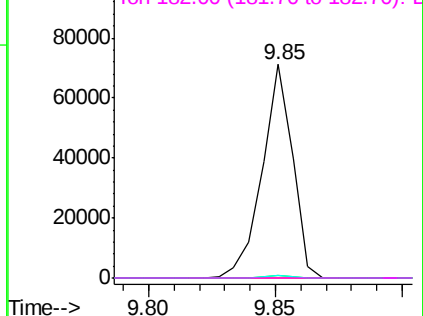


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

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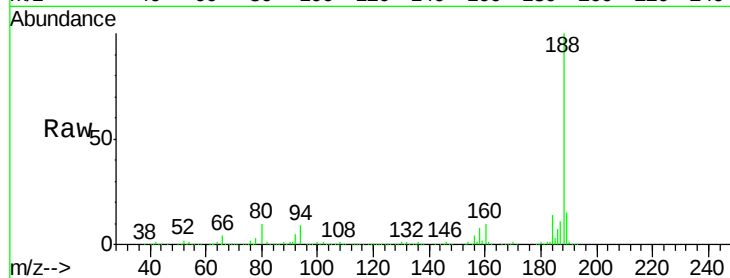
Tgt Ion:188 Resp: 918636

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

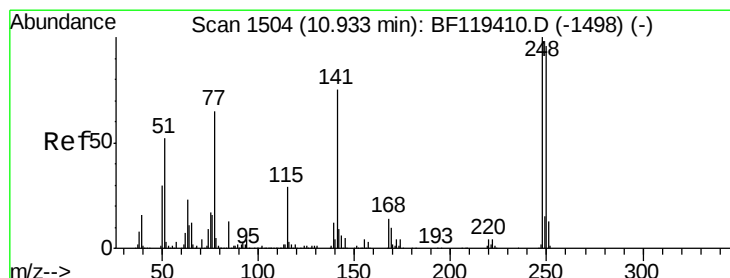
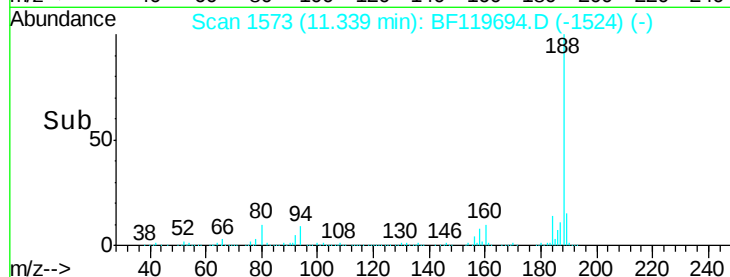
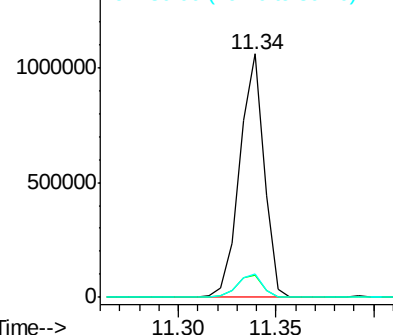
80 9.5 9.0 13.4



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



#67

4-Bromophenyl-phenylether

Concen: 4.58 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

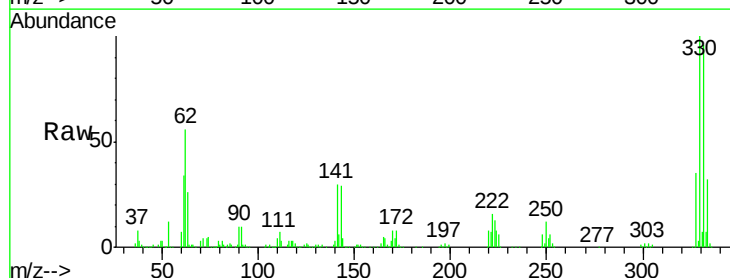
Tgt Ion:248 Resp: 47883

Ion Ratio Lower Upper

248 100

250 194.2 77.3 115.9#

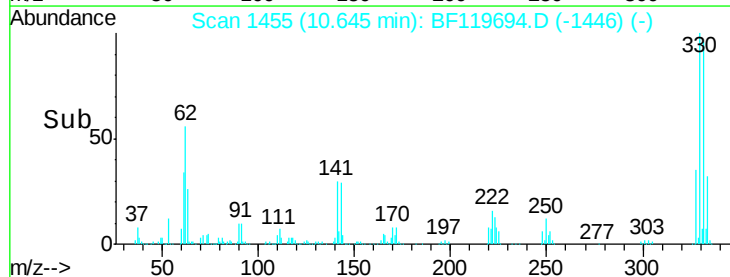
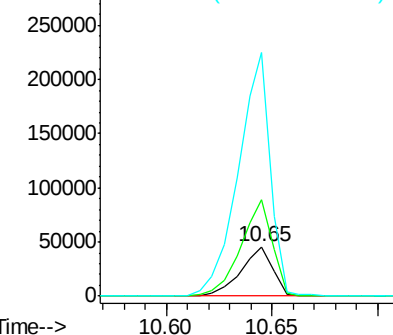
141 493.6 58.6 87.8#

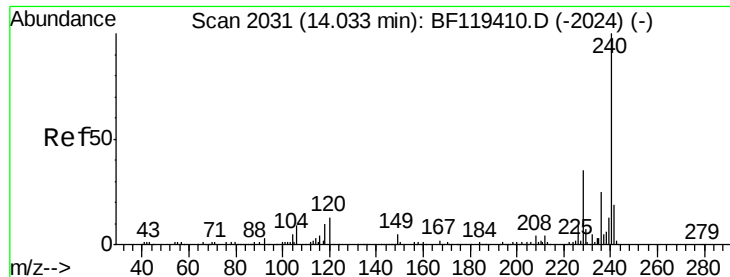


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

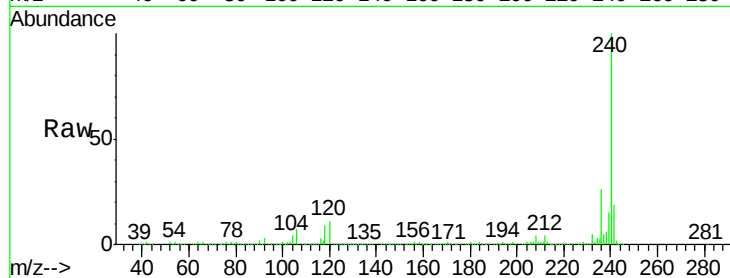
Tgt Ion:240 Resp: 739278

Ion Ratio Lower Upper

240 100

120 11.0 10.6 15.8

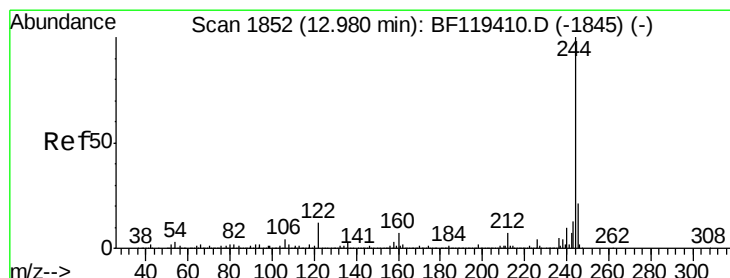
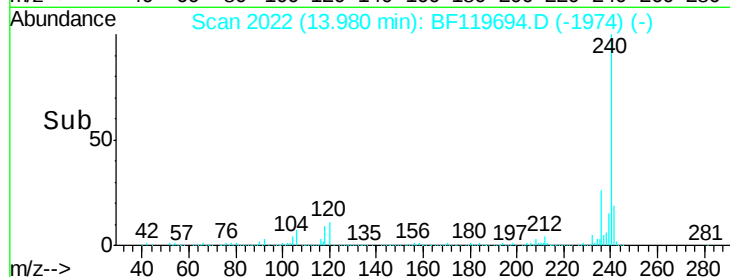
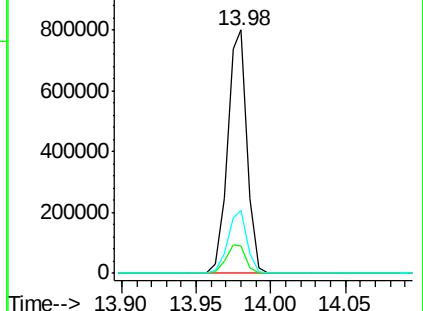
236 25.7 20.2 30.2



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: 83.50 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

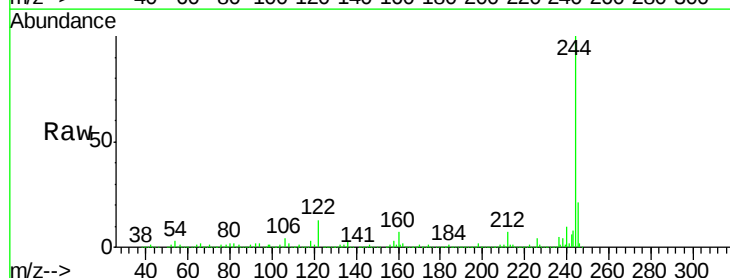
Tgt Ion:244 Resp: 3150828

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

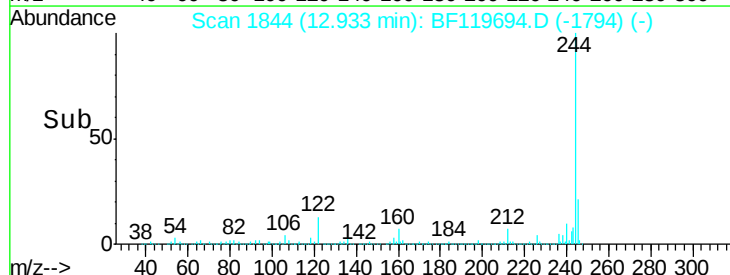
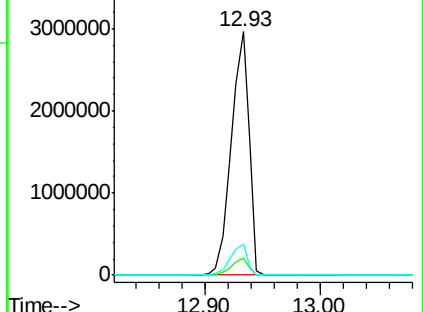
122 12.7 10.3 15.5

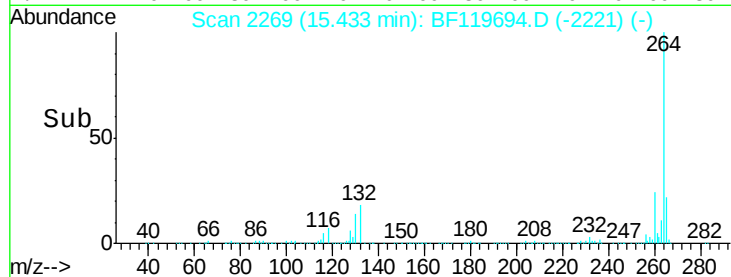
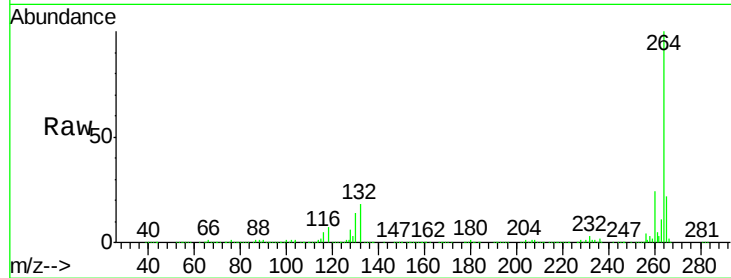
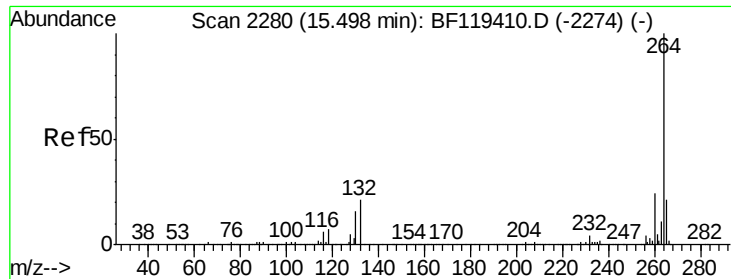


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119694.D

Acq: 2 Apr 2020 3:57

Instrument :

BNA_F

ClientSampleId :

SB-2D-(0-2)

Tgt Ion: 264 Resp: 742807

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.6 17.7 26.5

