

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119735.D
 Acq On : 3 Apr 2020 23:27
 Operator : MA/SJ
 Sample : L2103-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Quant Time: Apr 04 00:56:20 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

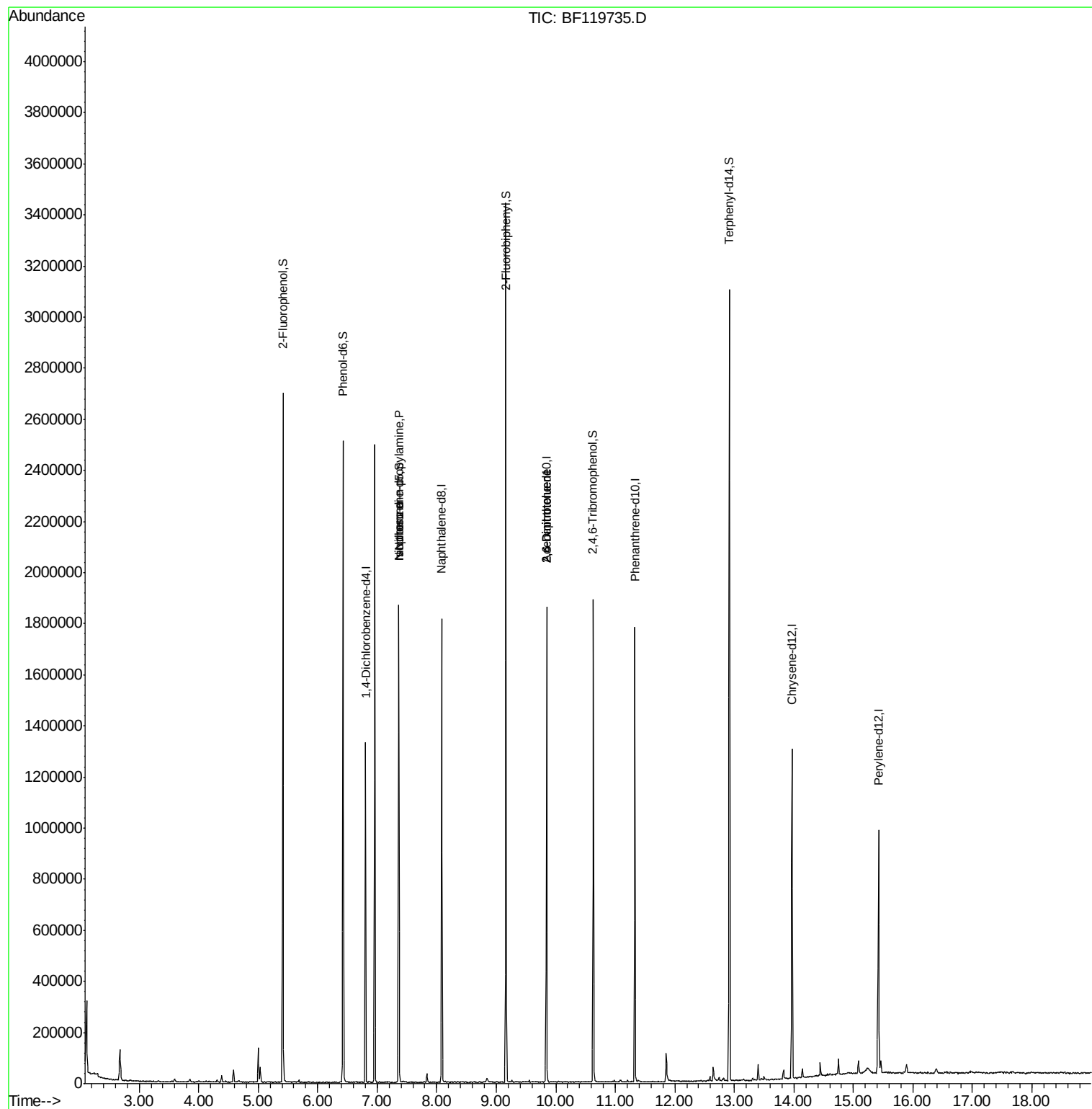
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	188457	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	718946	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	360866	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	671399	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	424263	20.00	ng	-0.03
87) Perylene-d12	15.42	264	417386	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	649545	54.87	ng	0.00
7) Phenol-d6	6.43	99	764056	50.52	ng	-0.02
23) Nitrobenzene-d5	7.36	82	525829	39.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	235939	63.37	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1052889	43.22	ng	-0.02
79) Terphenyl-d14	12.92	244	1080048	49.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	66262	7.27	ng	# 72
25) Isophorone	7.36	82	525825	19.60	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	46247	8.42	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	46247	6.68	ng	# 20

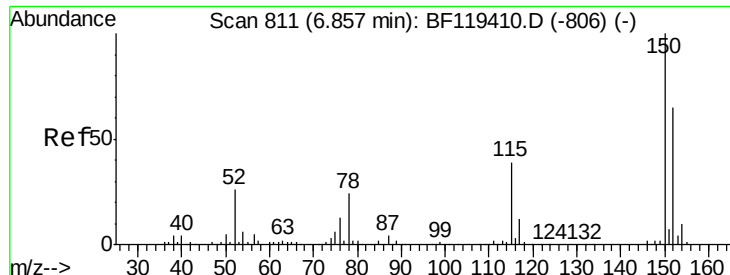
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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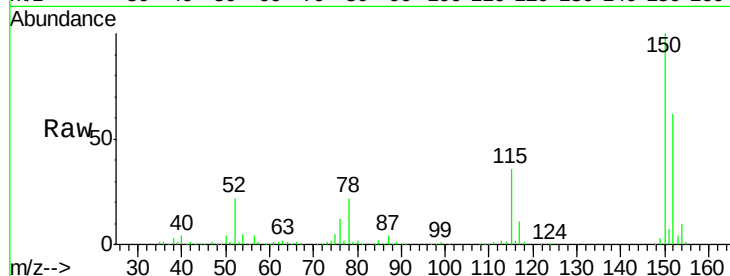




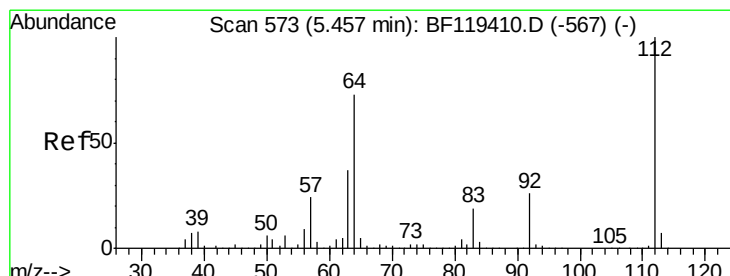
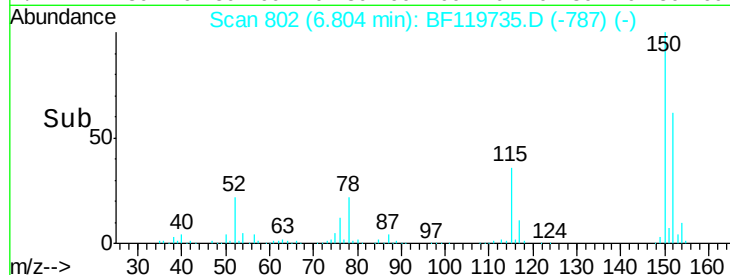
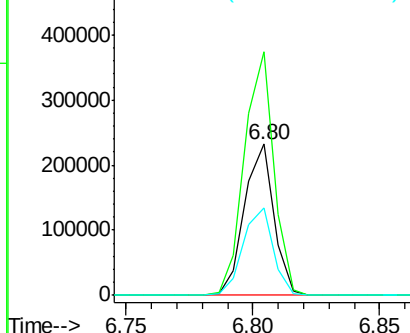
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tgt Ion:152 Resp: 188457
 Ion Ratio Lower Upper
 152 100
 150 161.0 124.5 186.7
 115 58.0 49.6 74.4

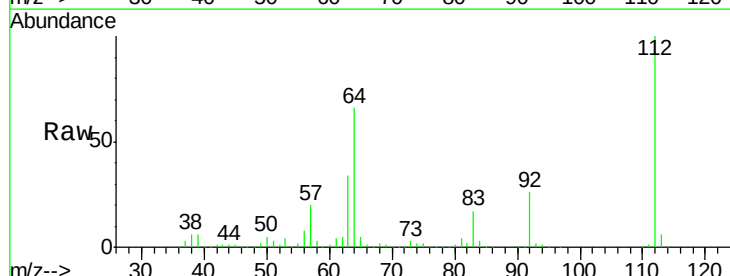


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

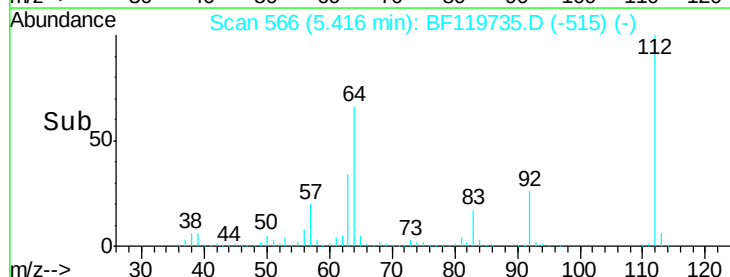
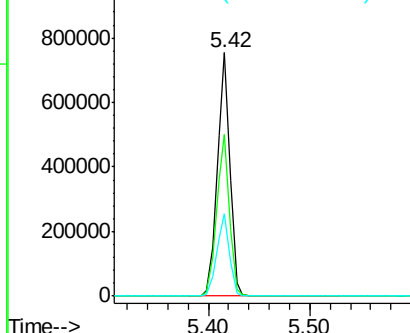


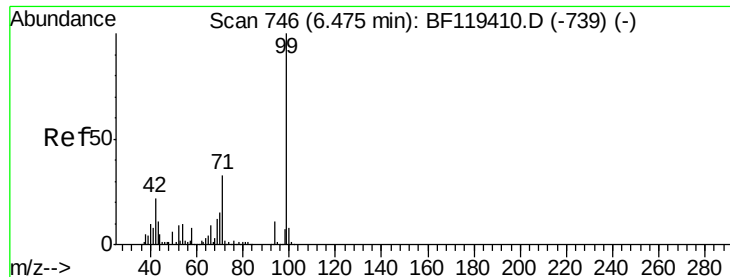
#5
 2-Fluorophenol
 Concen: 54.87 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion:112 Resp: 649545
 Ion Ratio Lower Upper
 112 100
 64 66.2 56.7 85.1
 63 33.7 29.5 44.3



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: 50.52 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP-60-61-COMP

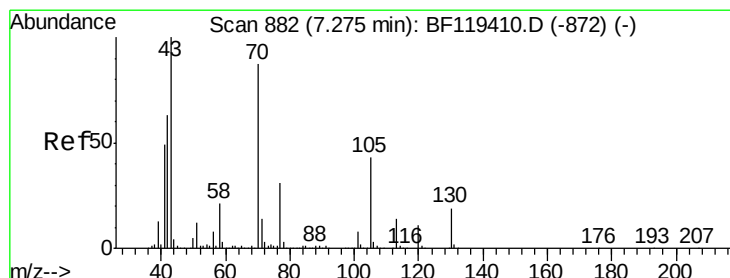
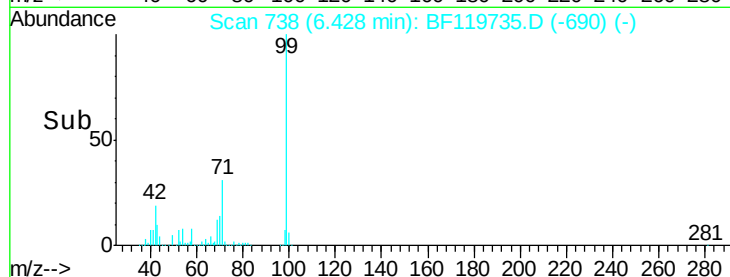
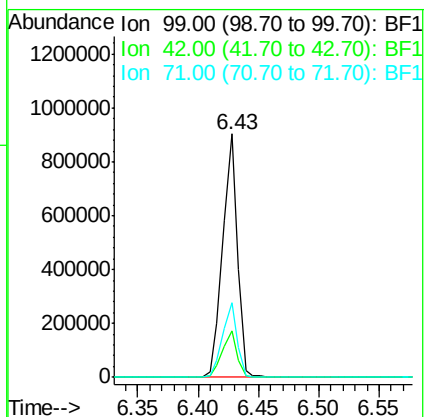
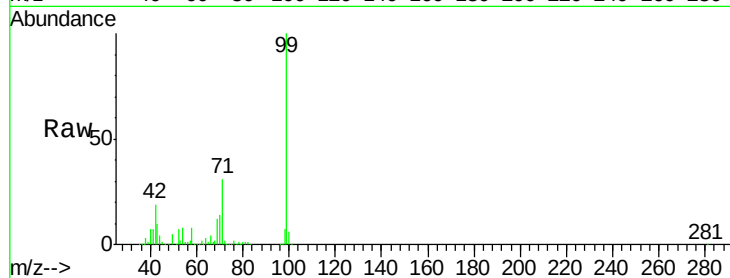
Tgt Ion: 99 Resp: 764056

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 30.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.27 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Tgt Ion: 70 Resp: 66262

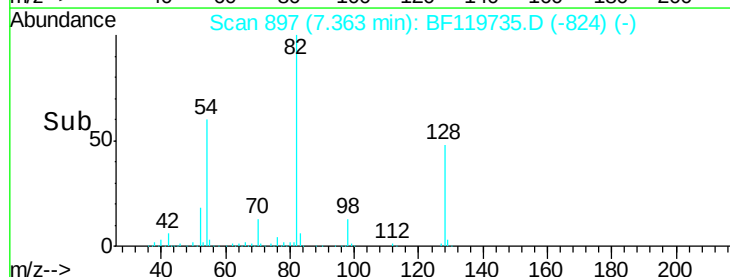
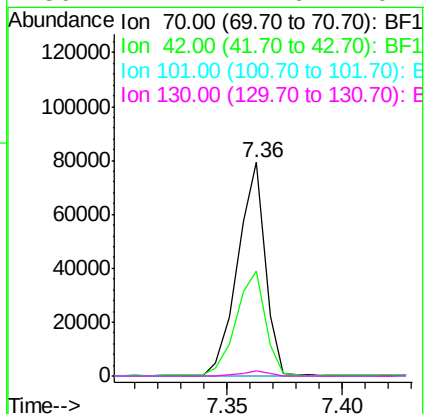
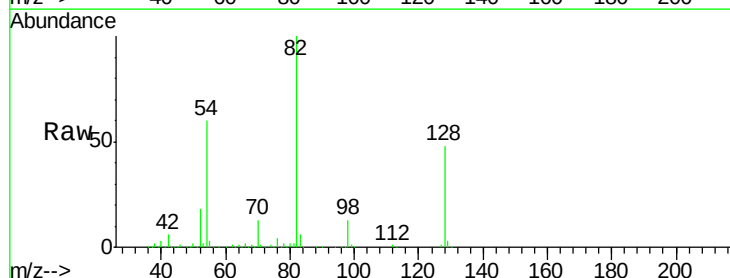
Ion Ratio Lower Upper

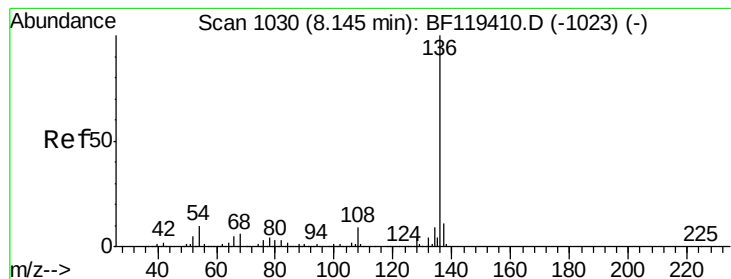
70 100

42 49.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP-60-61-COMP

Tgt Ion: 136 Resp: 718946

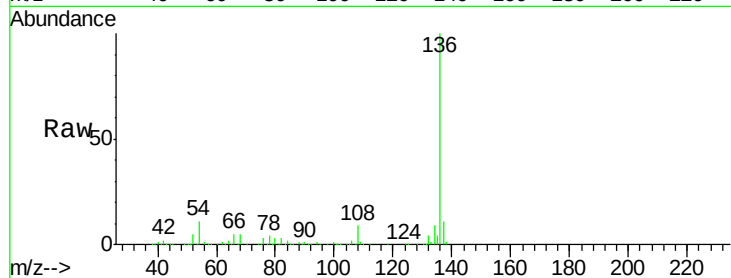
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.7 9.1 13.7

68 5.5 4.6 6.8

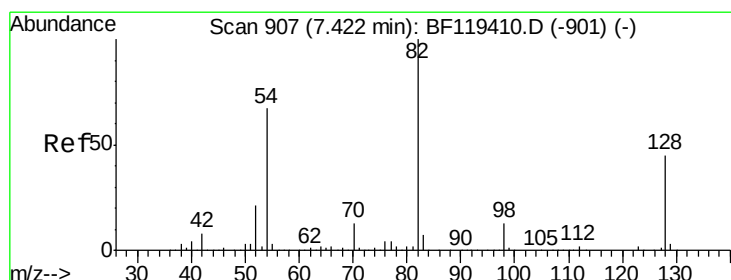
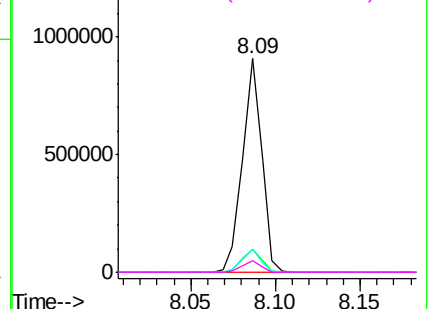
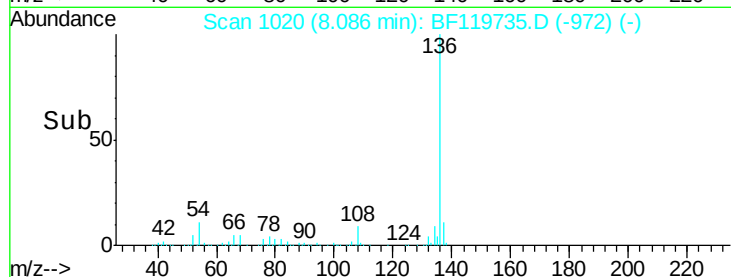


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.75 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

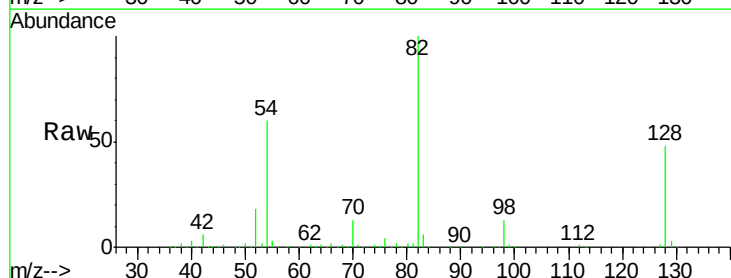
Tgt Ion: 82 Resp: 525829

Ion Ratio Lower Upper

82 100

128 47.6 36.3 54.5

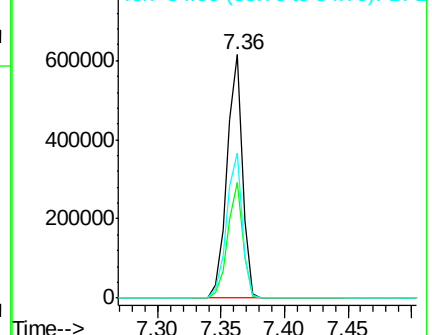
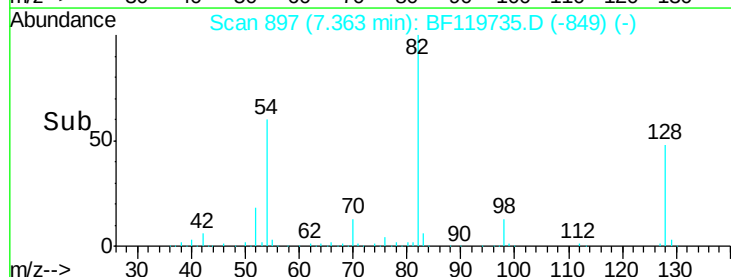
54 59.8 50.6 75.8

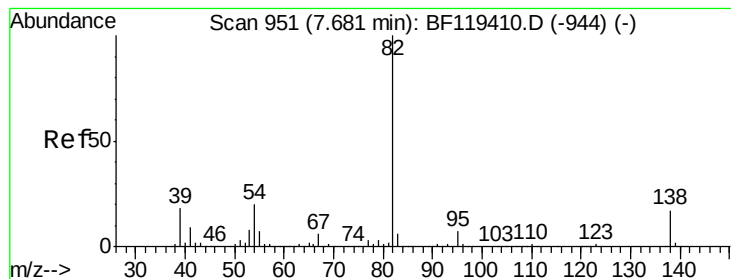


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.60 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

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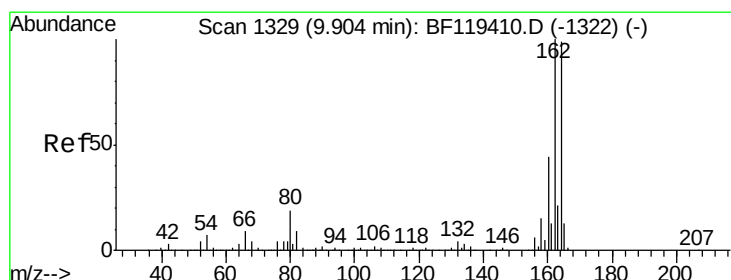
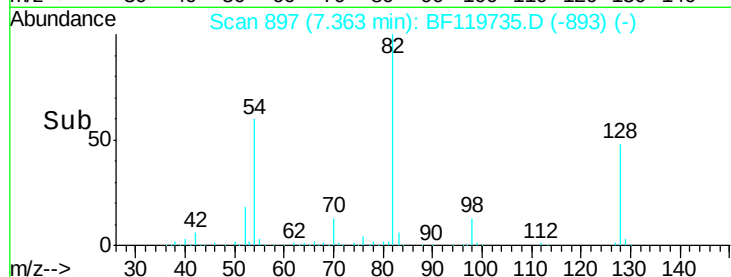
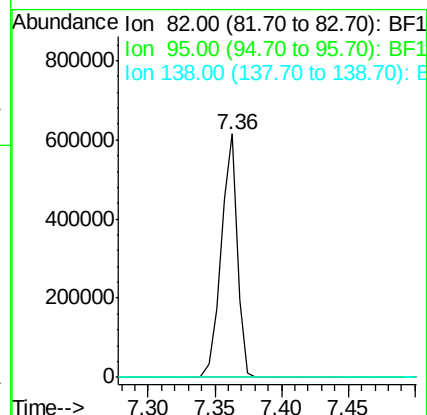
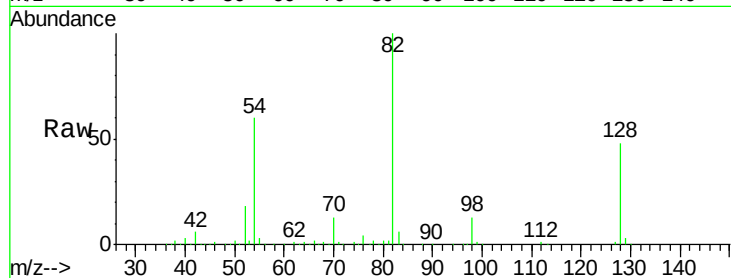
Tgt Ion: 82 Resp: 525825

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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

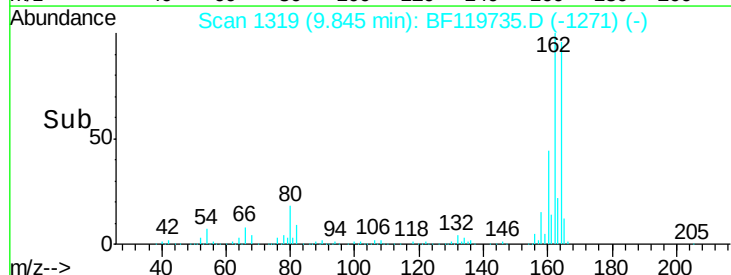
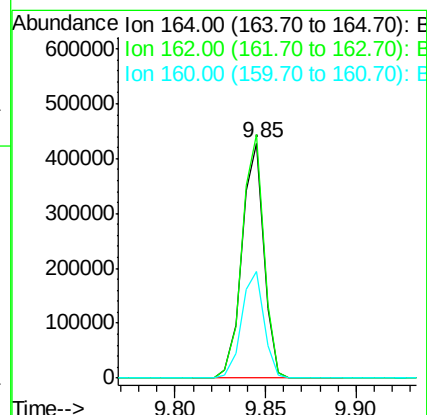
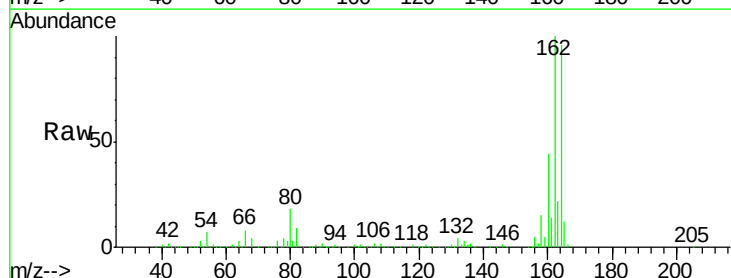
Tgt Ion: 164 Resp: 360866

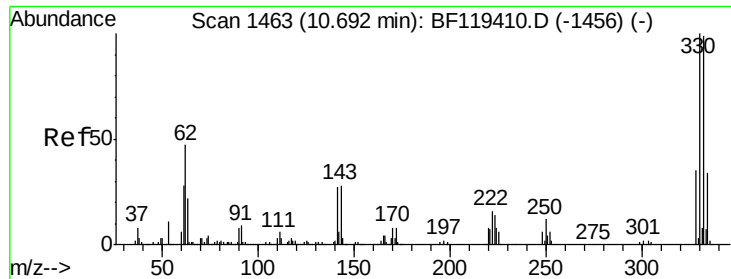
Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 45.5 35.7 53.5

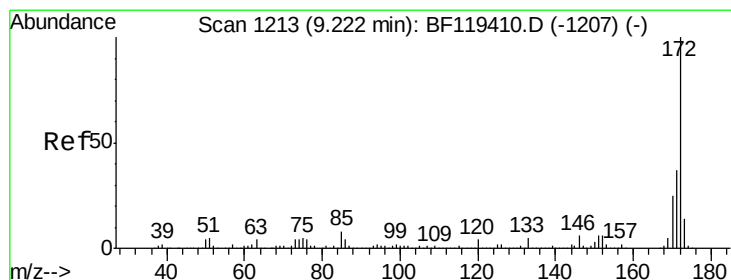
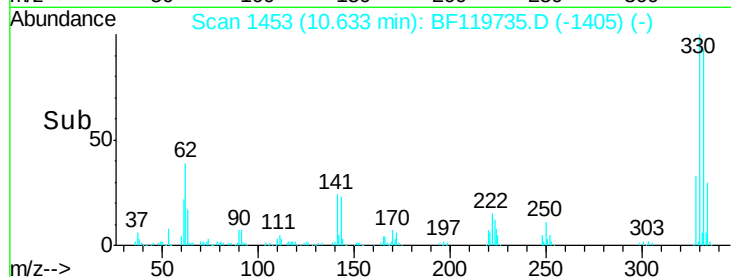
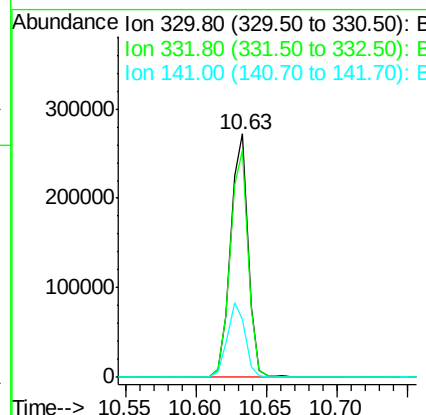
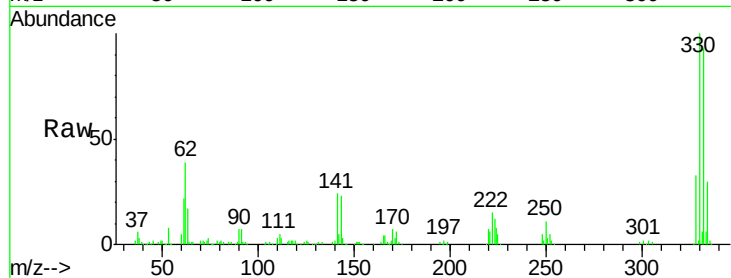




#42
 2,4,6-Tribromophenol
 Concen: 63.37 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

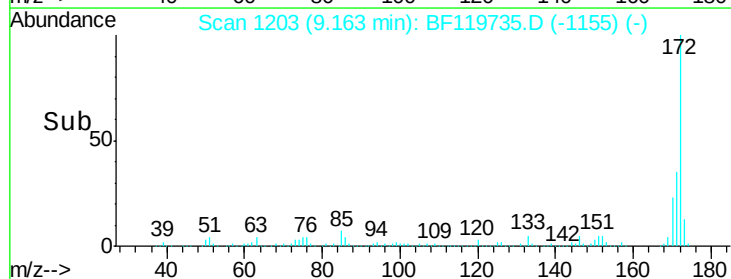
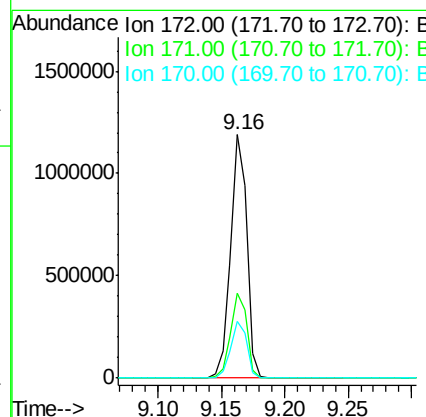
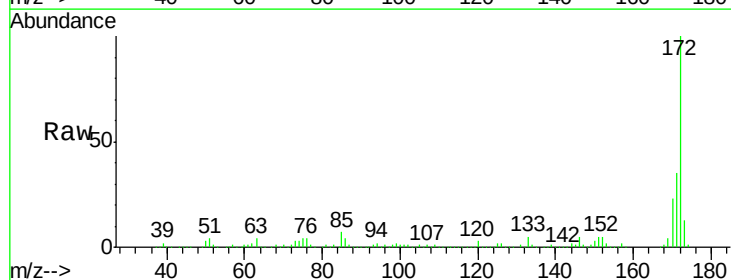
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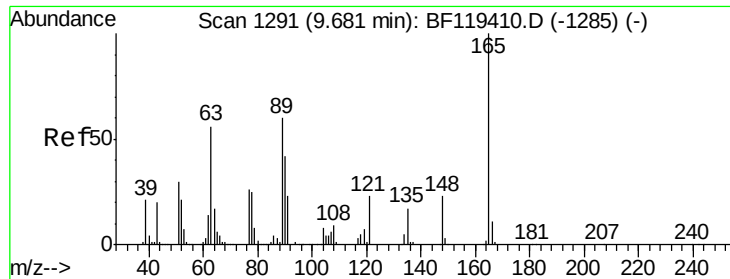
Tgt Ion:330 Resp: 235939
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.7 113.5
 141 30.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 43.22 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion:172 Resp: 1052889
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.1 20.2 30.2

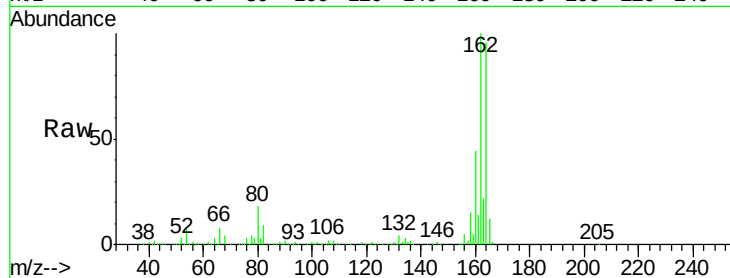




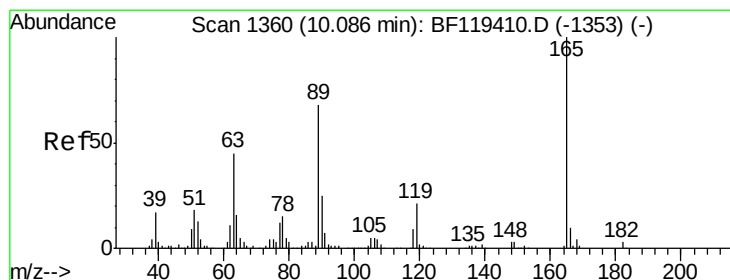
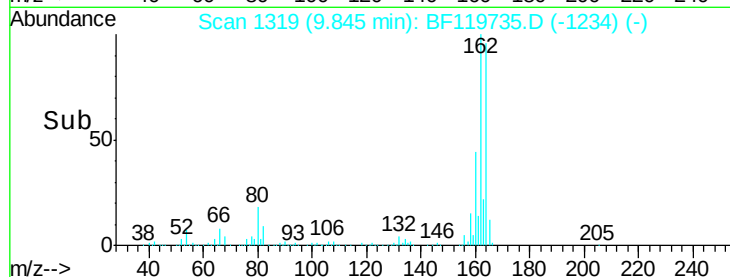
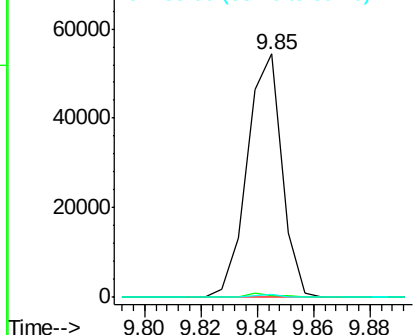
#51
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-60-61-COMP

Tgt Ion:165 Resp: 46247
 Ion Ratio Lower Upper
 165 100
 63 1.0 45.0 67.4#
 89 1.4 41.5 62.3#

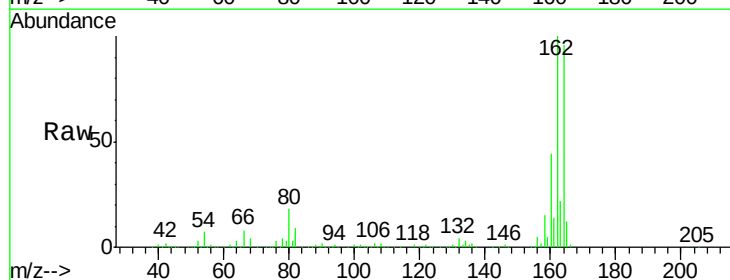


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

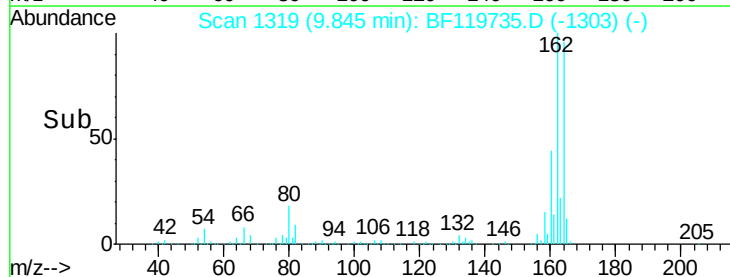
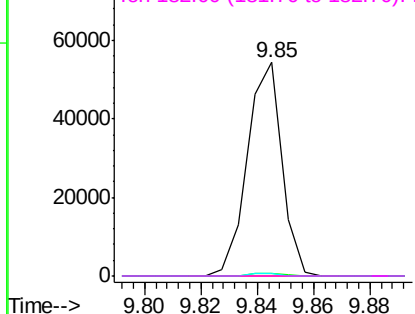


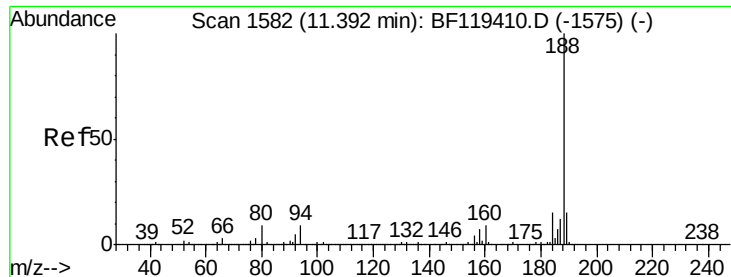
#57
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119735.D
 Acq: 3 Apr 2020 23:27

Tgt Ion:165 Resp: 46247
 Ion Ratio Lower Upper
 165 100
 63 1.0 42.6 64.0#
 89 1.4 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

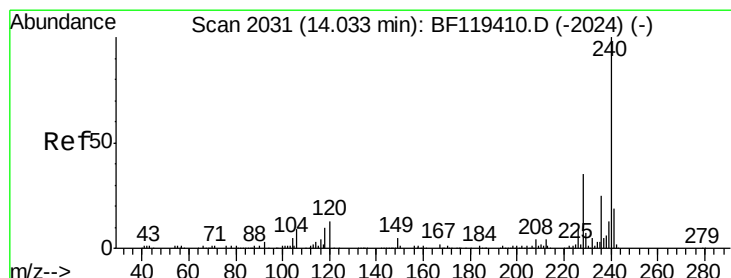
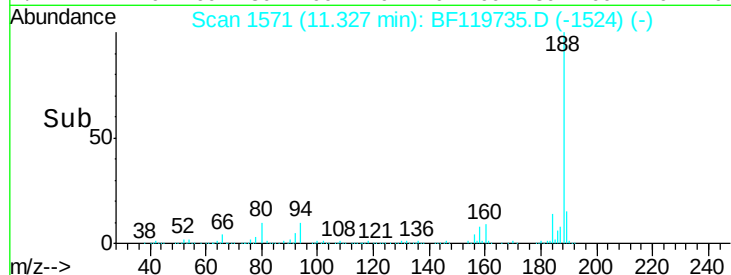
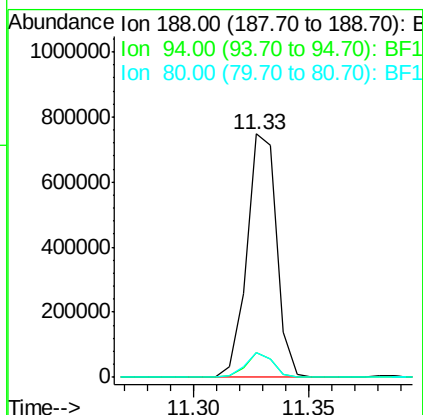
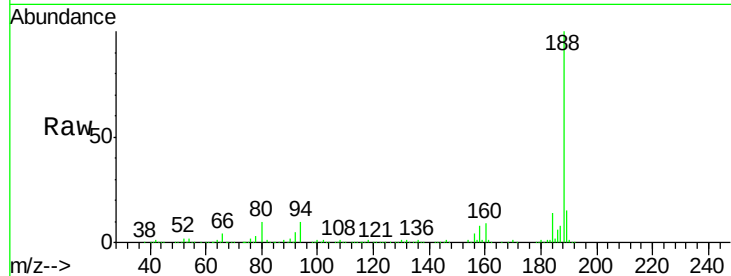




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

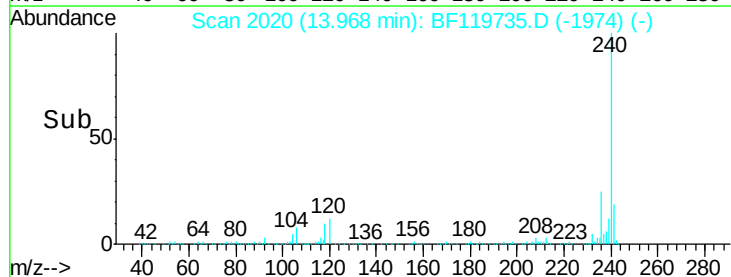
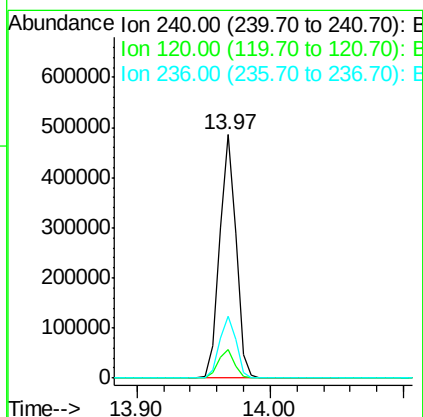
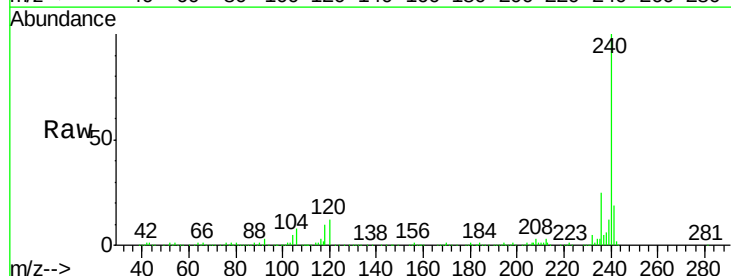
Instrument :
BNA_F
ClientSampleId :
TP-60-61-COMP

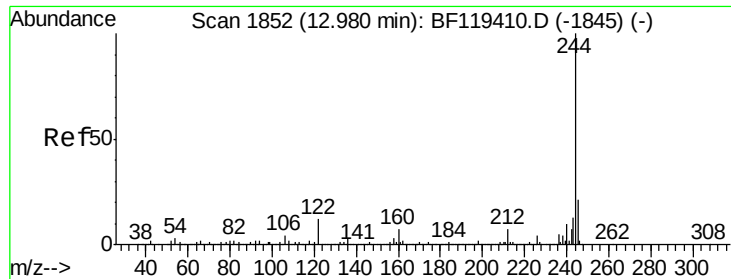
Tgt Ion:188 Resp: 671399
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF119735.D
Acq: 3 Apr 2020 23:27

Tgt Ion:240 Resp: 424263
Ion Ratio Lower Upper
240 100
120 11.6 10.6 15.8
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 49.88 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

Instrument :

BNA_F

ClientSampleId :

TP-60-61-COMP

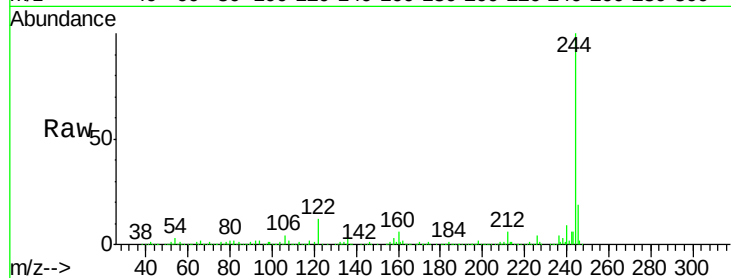
Tgt Ion:244 Resp: 1080048

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

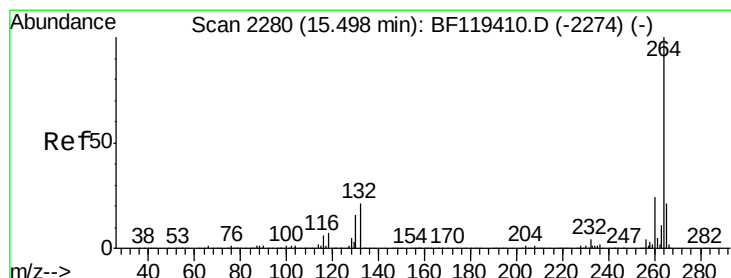
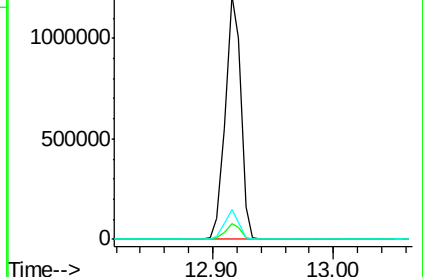
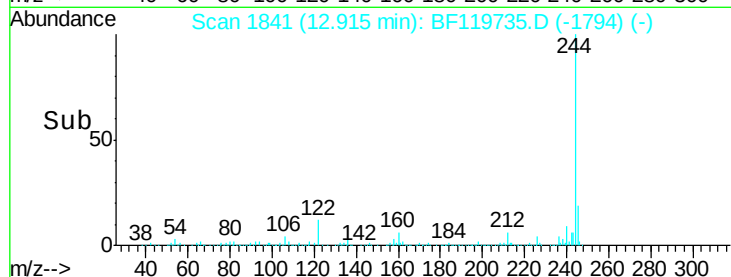
122 12.1 10.3 15.5



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119735.D

Acq: 3 Apr 2020 23:27

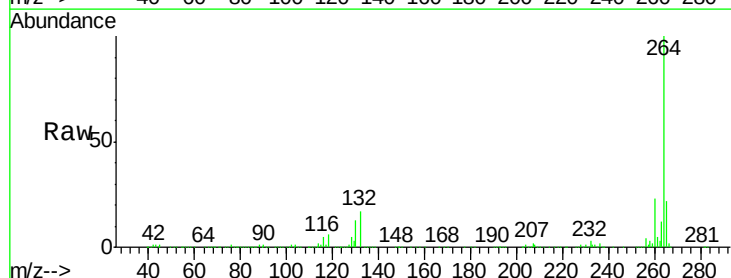
Tgt Ion:264 Resp: 417386

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.2 17.7 26.5



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

