

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119972.D
 Acq On : 15 Apr 2020 00:25
 Operator : MA/SJ
 Sample : L2215-17
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 15 02:35:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

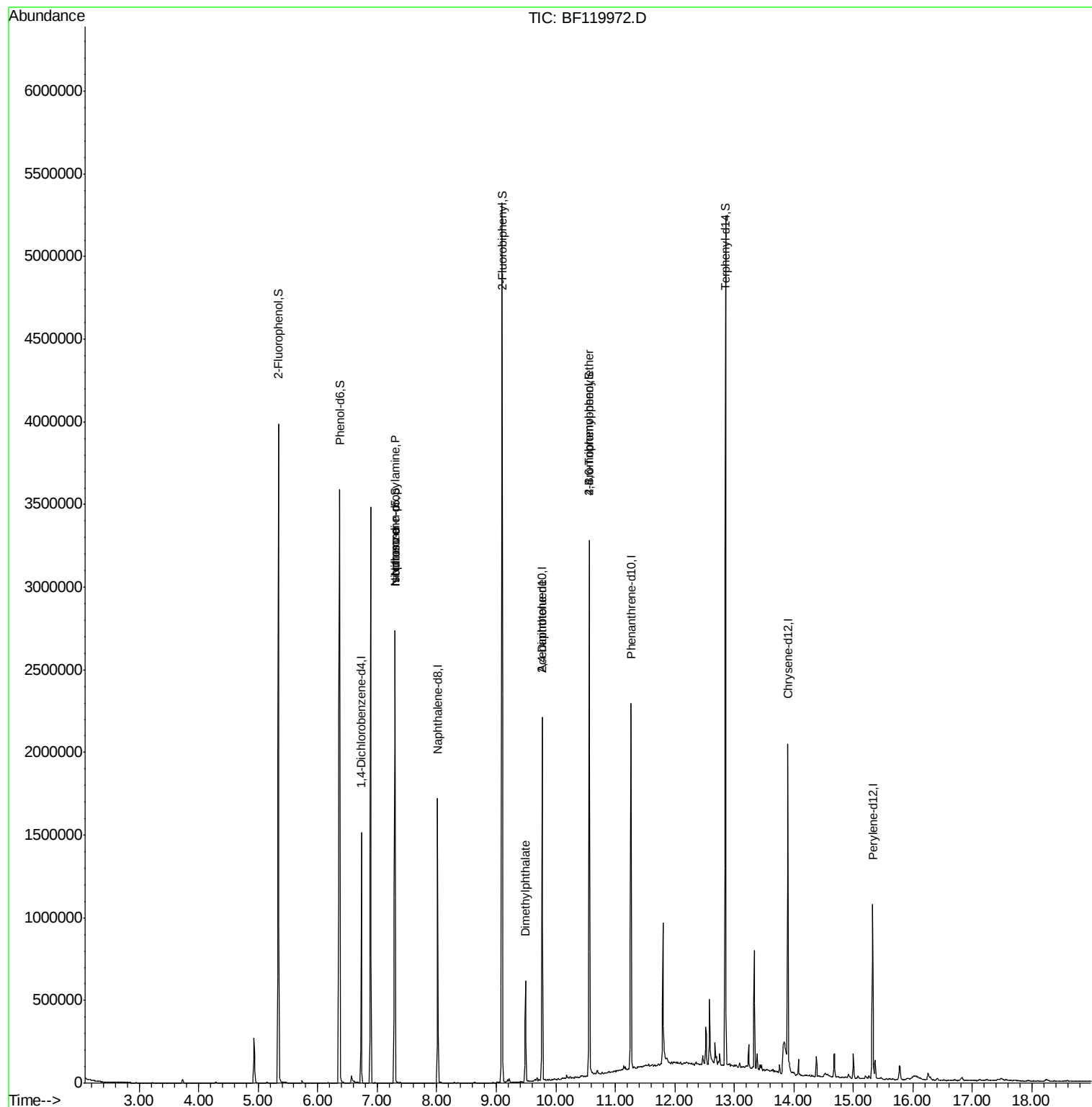
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	211499	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	820153	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	433955	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	850142	20.00	ng	0.00
76) Chrysene-d12	13.90	240	625867	20.00	ng	-0.01
87) Perylene-d12	15.32	264	474914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1088056	88.91	ng	0.00
7) Phenol-d6	6.37	99	1394879	88.45	ng	0.00
23) Nitrobenzene-d5	7.30	82	861721	54.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	379049	71.34	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1697709	55.54	ng	0.00
79) Terphenyl-d14	12.85	244	1882194	50.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1810	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	112649	11.109 ng	#	1
25) Isophorone	7.30	82	858077	28.078 ng	#	74
50) Dimethylphthalate	9.49	163	222221	6.620 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	55656	5.747 ng	#	98
67) 4-Bromophenyl-phenylether	10.56	248	24627	2.329 ng	#	23
					#	1

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

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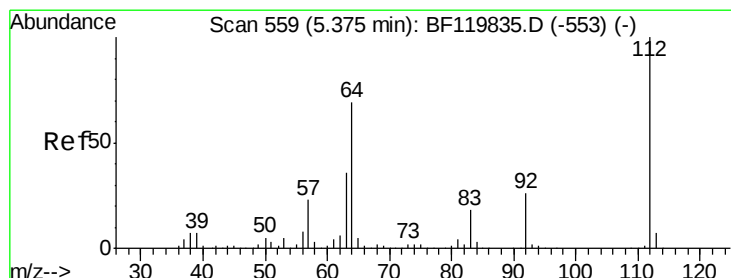
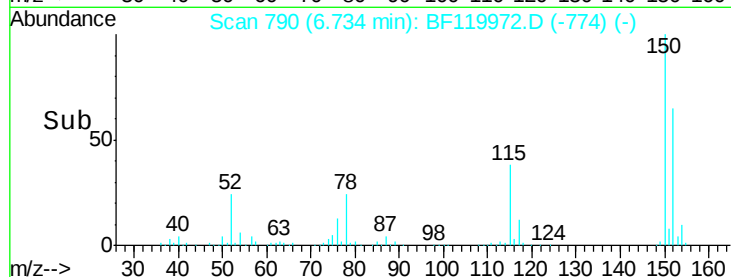
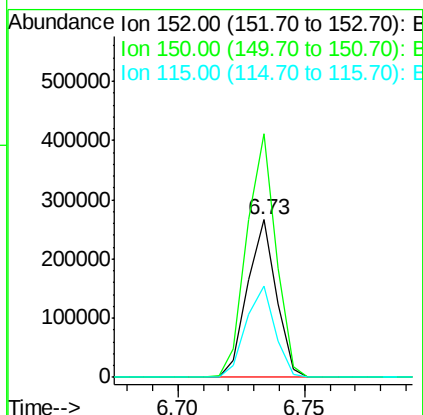
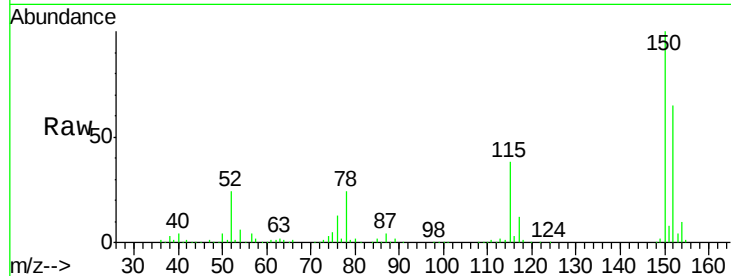


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TP-3

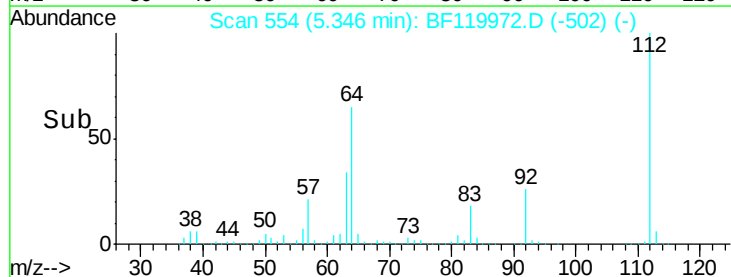
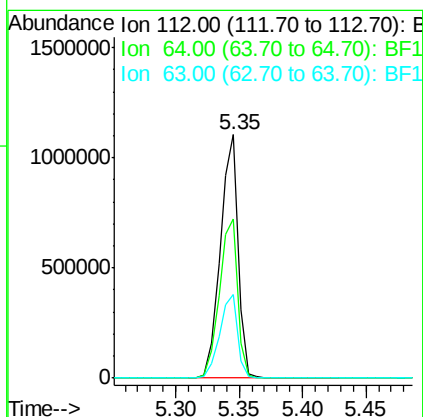
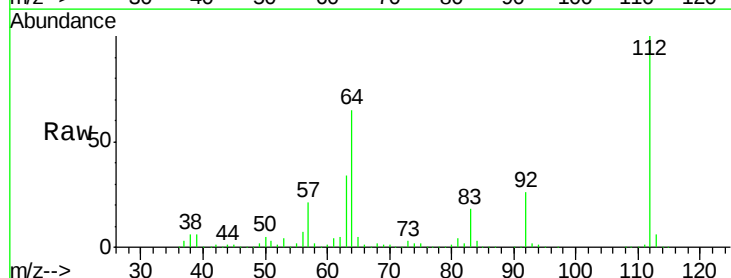
Tot Ion:152 Resp: 211499
Ion Ratio Lower Upper
152 100
150 154.5 124.8 187.2
115 58.2 46.5 69.7

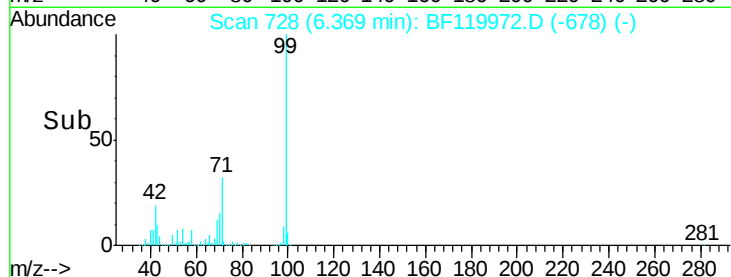
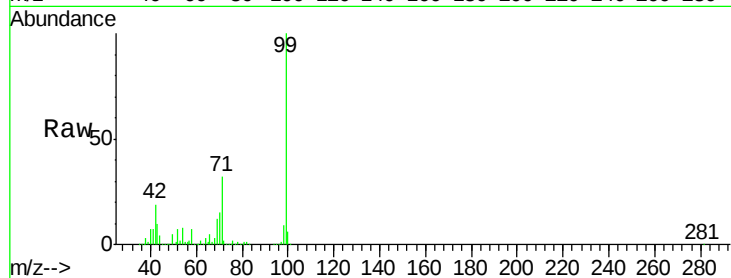
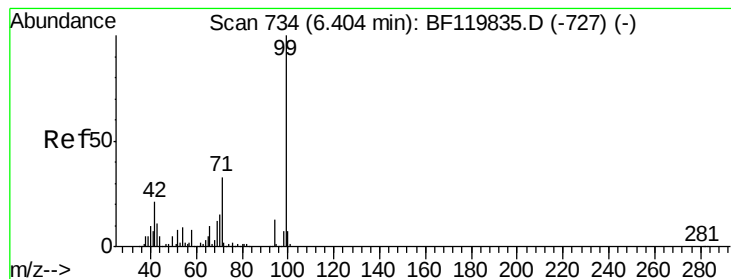


#5

2-Fluorophenol
Concen: 88.906 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Tgt Ion:112 Resp: 1088056
Ion Ratio Lower Upper
112 100
64 65.5 55.5 83.3
63 34.4 29.1 43.7





#7

Phenol-d6

Concen: 88.454 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-3

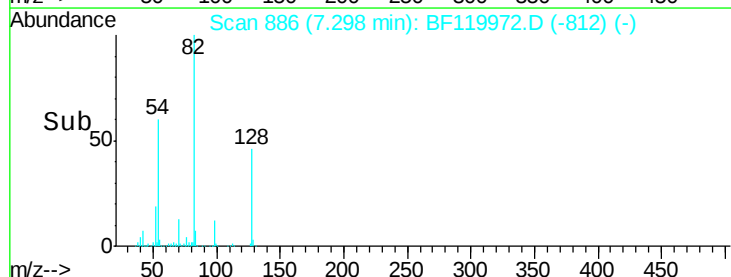
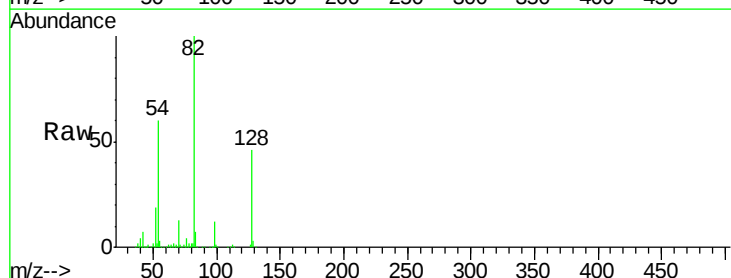
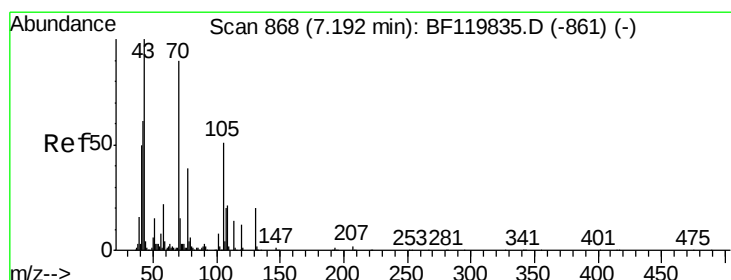
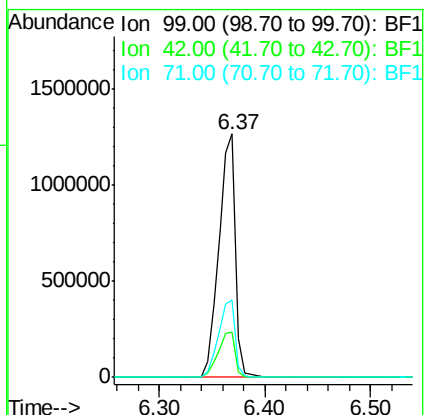
Tot Ion: 99 Resp: 1394879

Ion Ratio Lower Upper

99 100

42 18.6 16.9 25.3

71 31.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.109 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Tgt Ion: 70 Resp: 112649

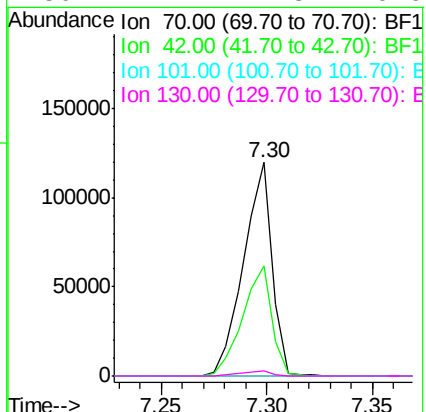
Ion Ratio Lower Upper

70 100

42 51.5 54.2 81.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

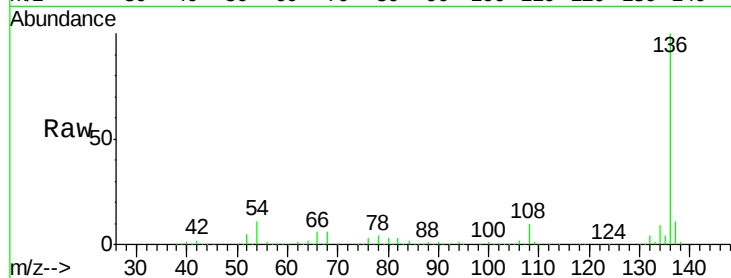




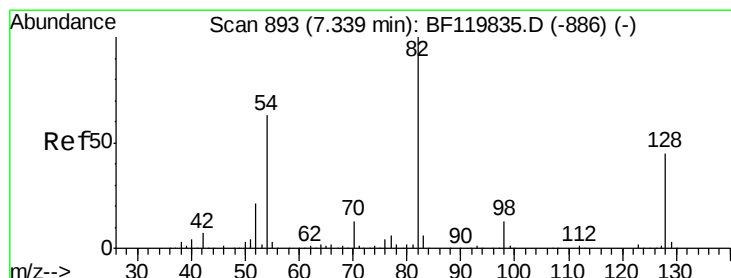
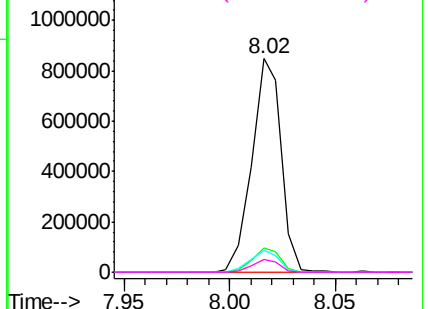
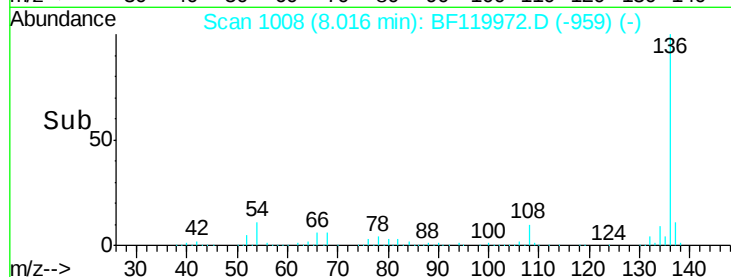
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:136	Resp:	820153
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	10.5	8.5 12.7
68	5.8	3.9 5.9

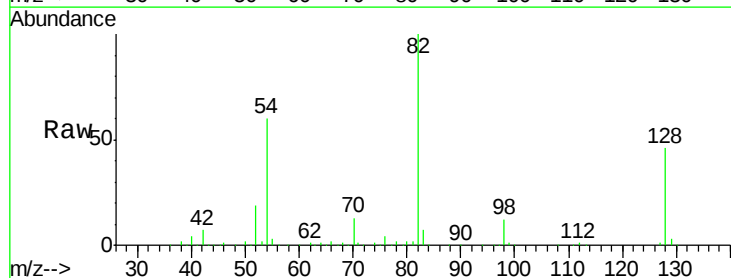


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

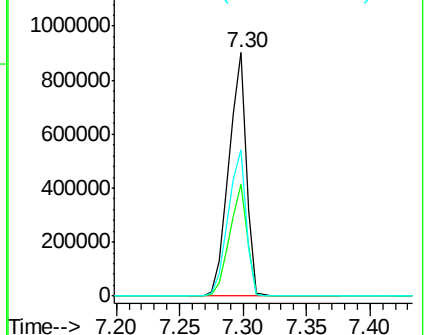
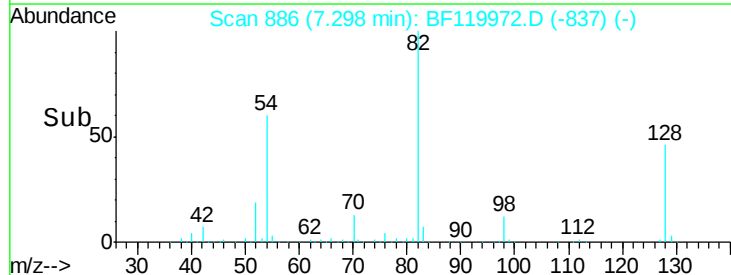


#23
Nitrobenzene-d5
Concen: 54.356 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Tgt Ion: 82	Resp:	861721
Ion	Ratio	Lower Upper
82	100	
128	46.0	36.2 54.4
54	60.0	50.4 75.6



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: 28.078 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-3

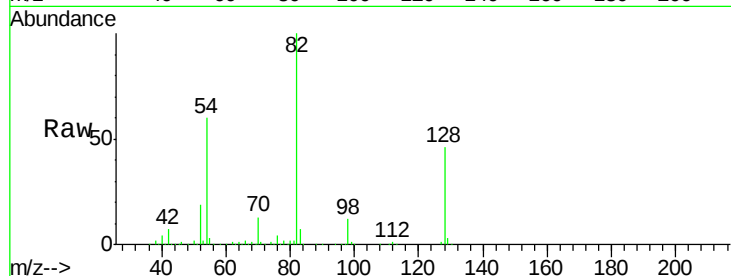
Tot Ion: 82 Resp: 858077

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

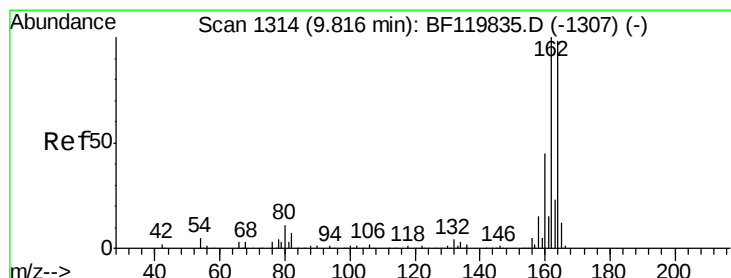
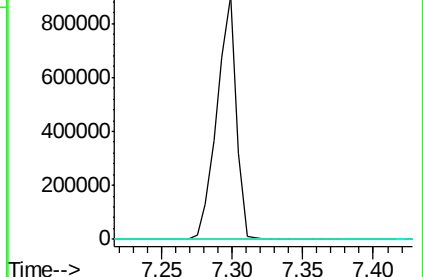
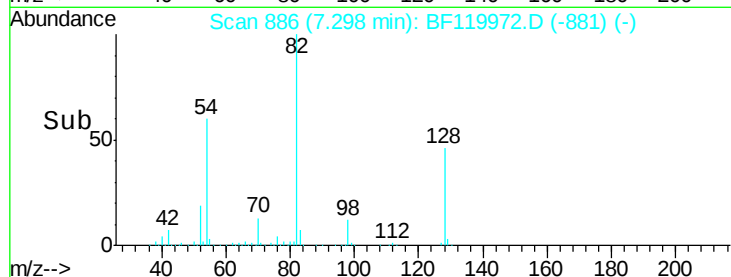
138 0.0 14.5 21.7#



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: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

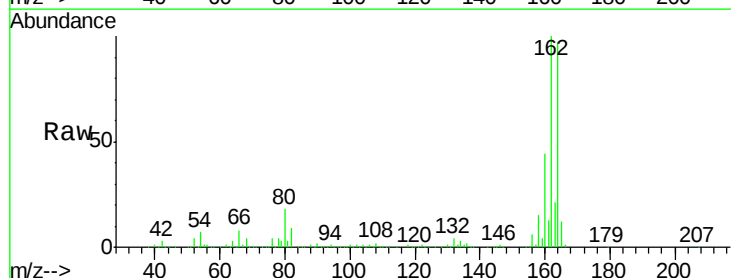
Tgt Ion:164 Resp: 433955

Ion Ratio Lower Upper

164 100

162 103.4 81.9 122.9

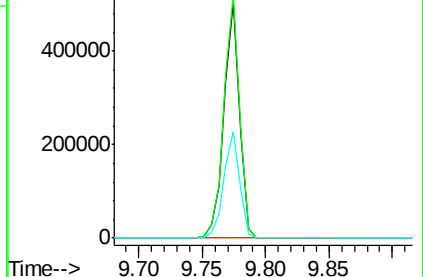
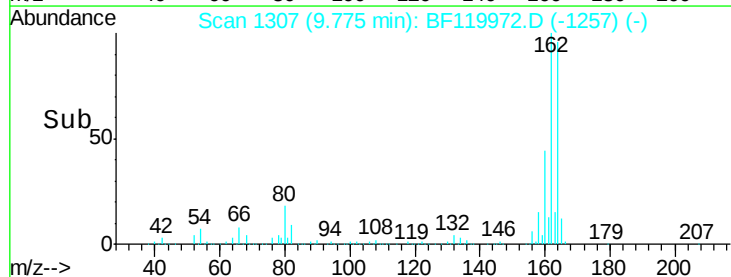
160 45.1 36.6 54.8



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

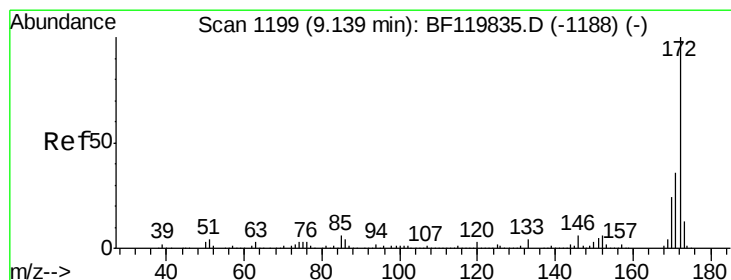
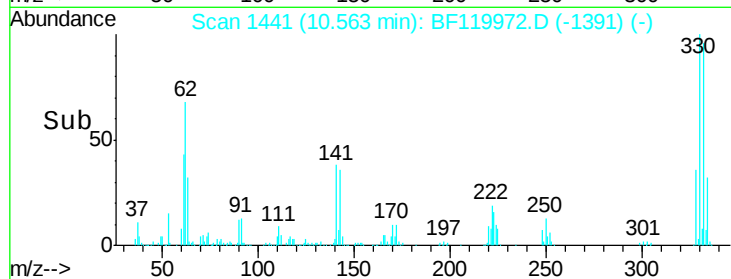
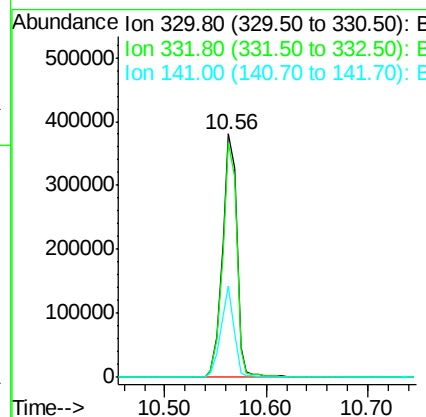
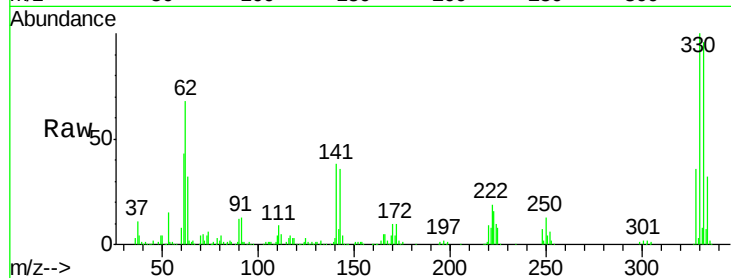




#42
 2,4,6-Tribromophenol
 Concen: 71.343 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119972.D
 Acq: 15 Apr 2020 00:25

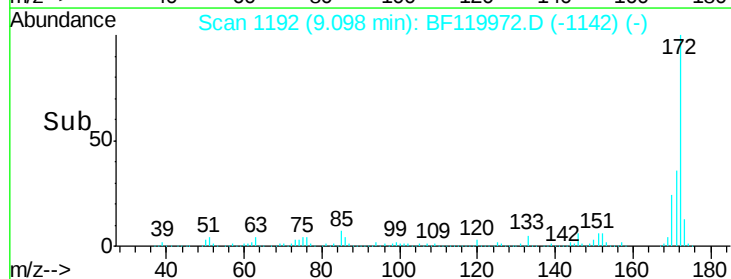
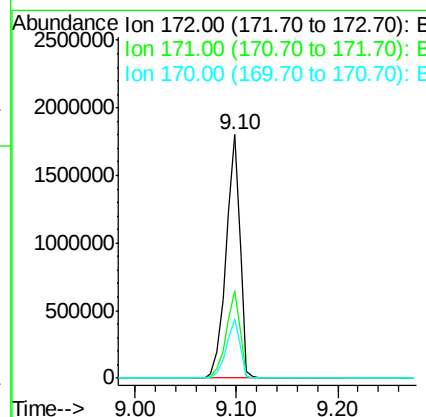
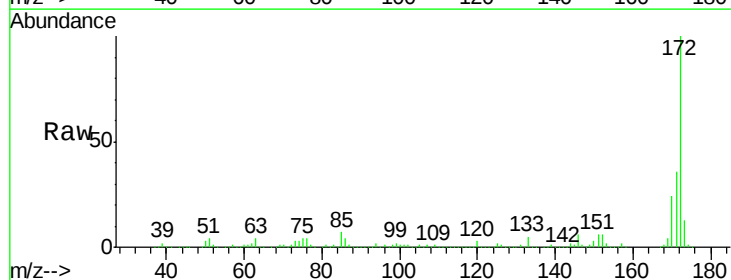
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

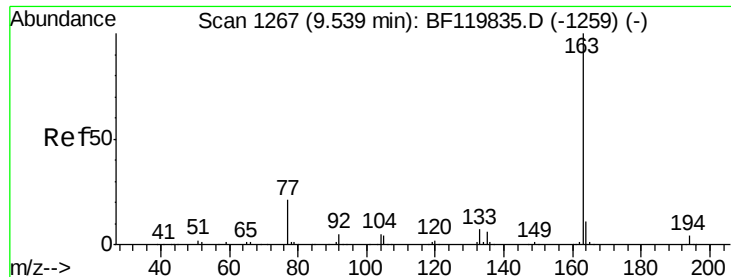
Tot Ion:330 Resp: 379049
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 34.7 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 55.544 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119972.D
 Acq: 15 Apr 2020 00:25

Tgt Ion:172 Resp: 1697709
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.2 19.4 29.2





#50

Dimethylphthalate

Concen: 6.620 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-3

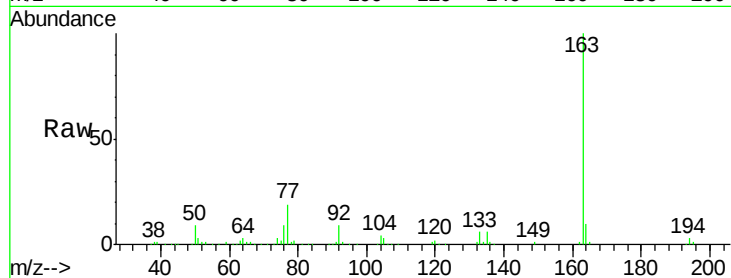
Tot Ion:163 Resp: 222221

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

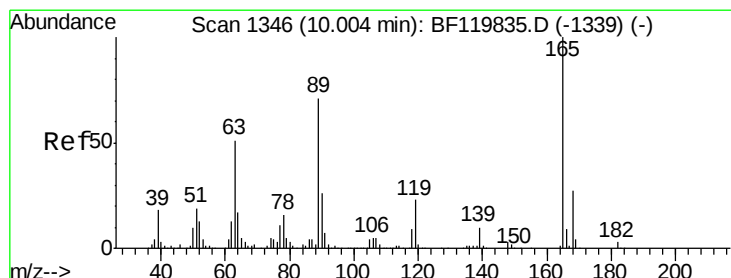
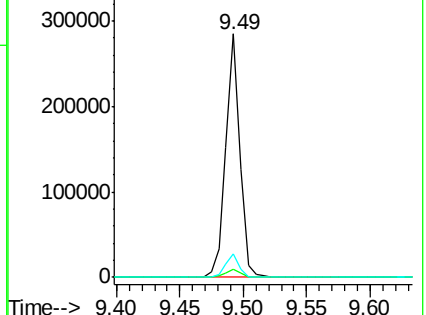
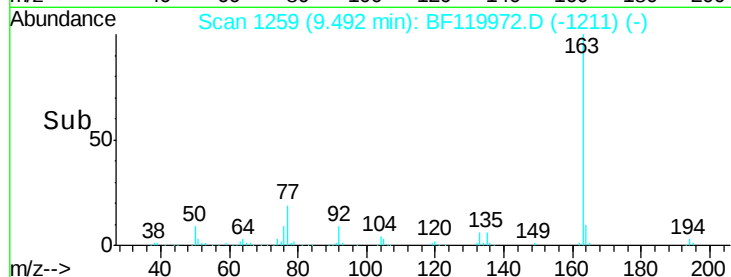
164 9.6 8.4 12.6



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: 5.747 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Tgt Ion:165 Resp: 55656

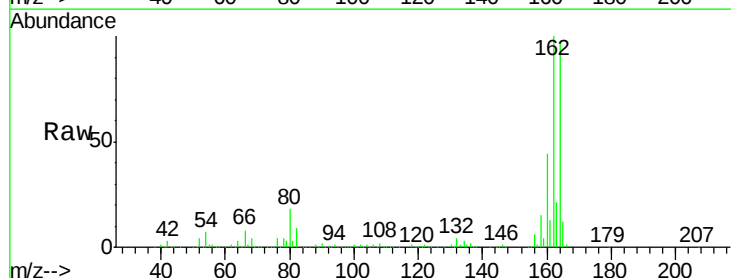
Ion Ratio Lower Upper

165 100

63 1.6 40.8 61.2#

89 1.2 56.9 85.3#

182 0.0 2.0 3.0#

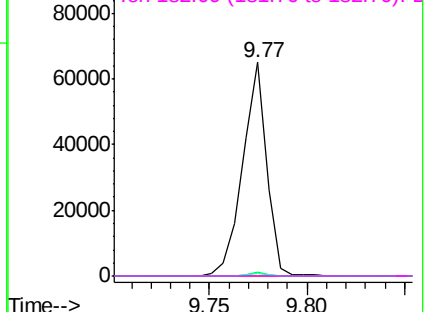
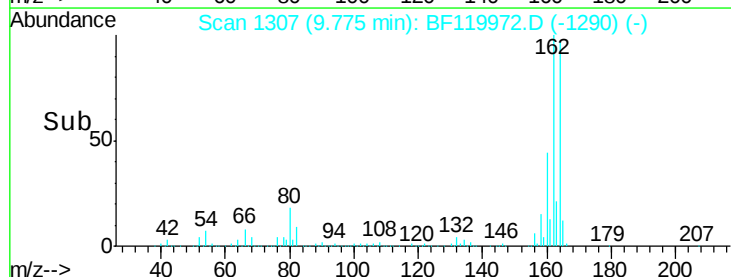


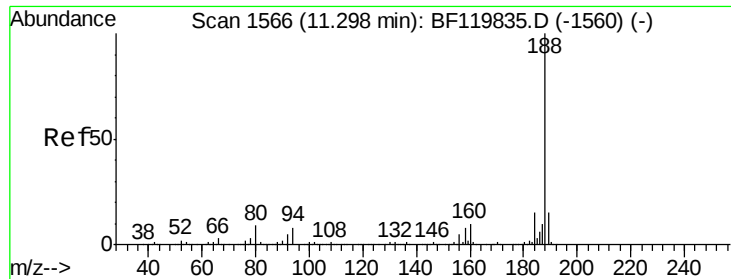
Abundance Ion 165.00 (164.70 to 165.70): E

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

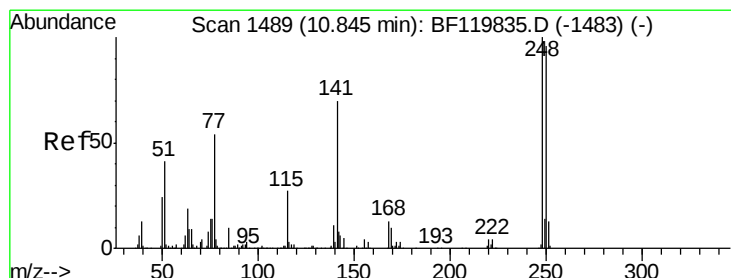
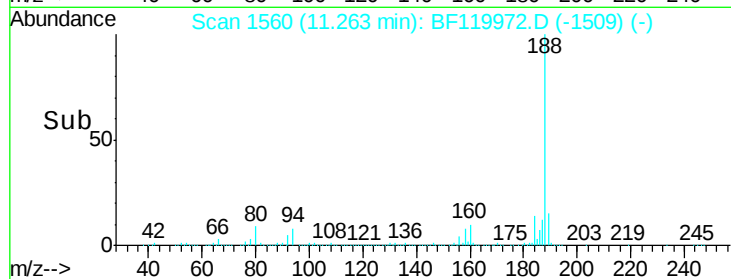
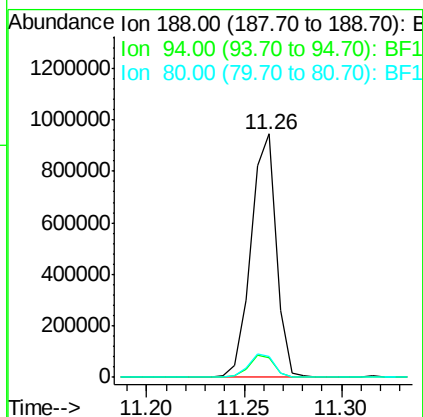
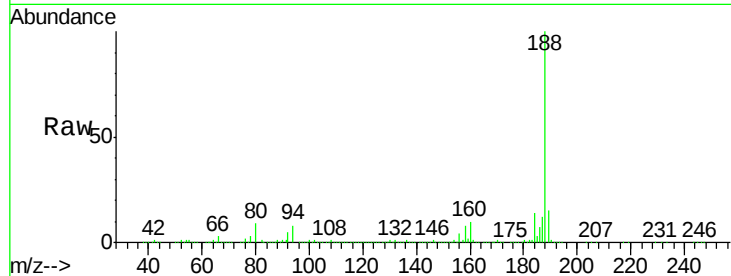




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

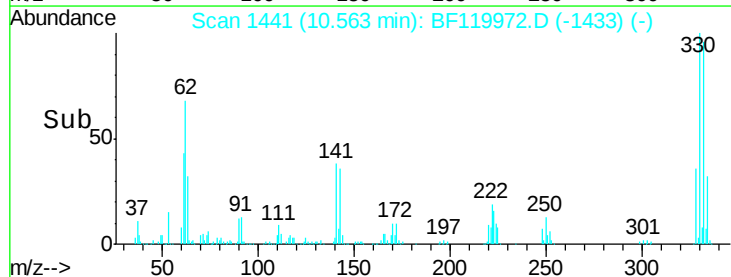
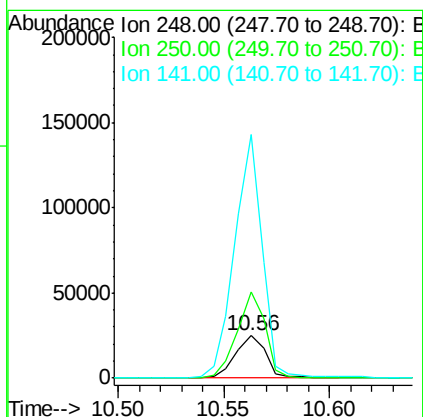
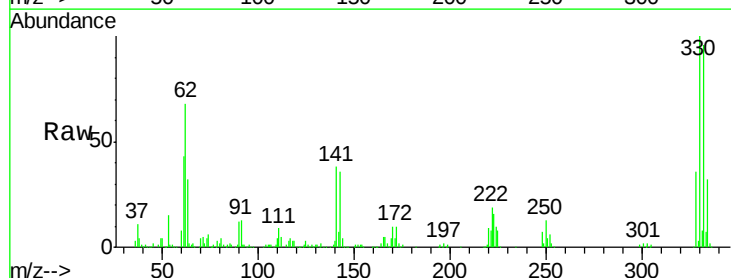
Instrument :
BNA_F
ClientSampleId :
TP-3

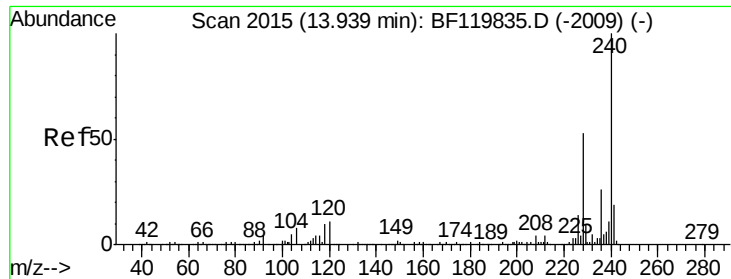
Tot Ion:188 Resp: 850142
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.6 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 2.329 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.25 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Tgt Ion:248 Resp: 24627
Ion Ratio Lower Upper
248 100
250 205.1 76.6 114.8#
141 576.3 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

Instrument :

BNA_F

ClientSampleId :

TP-3

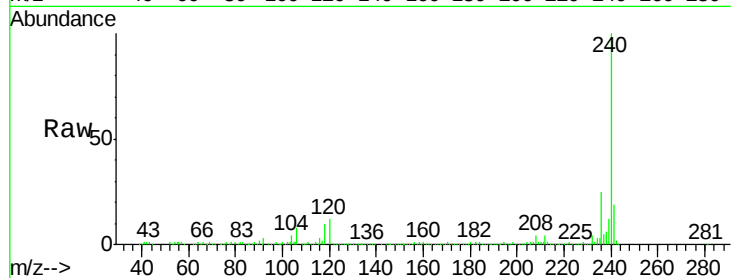
Tot Ion:240 Resp: 625867

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

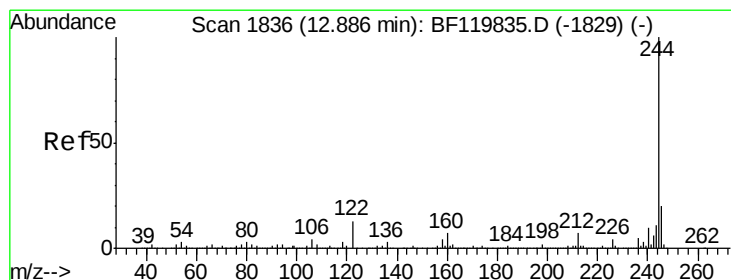
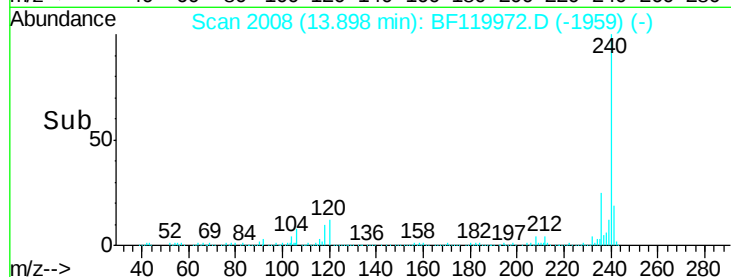
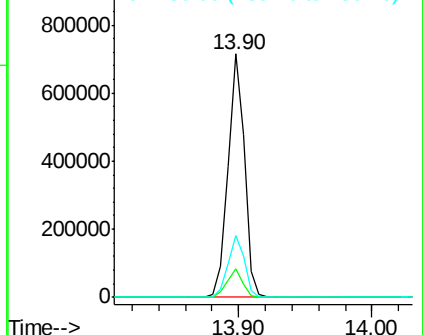
236 25.3 20.7 31.1



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: 50.603 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119972.D

Acq: 15 Apr 2020 00:25

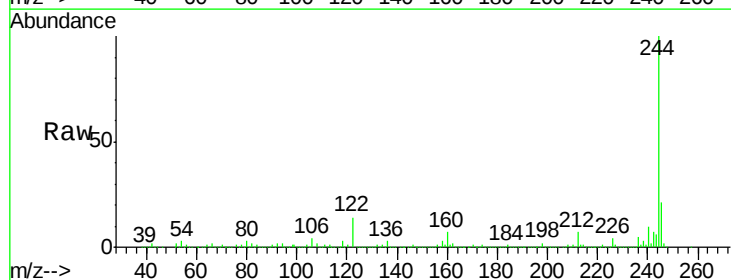
Tgt Ion:244 Resp: 1882194

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

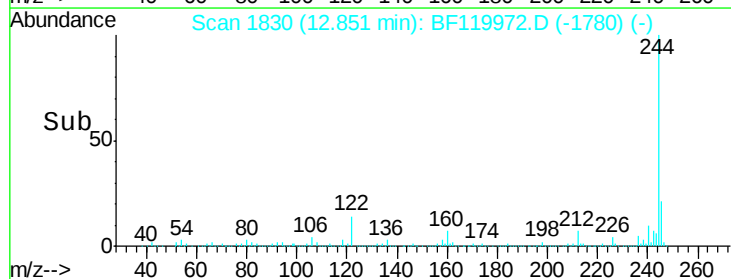
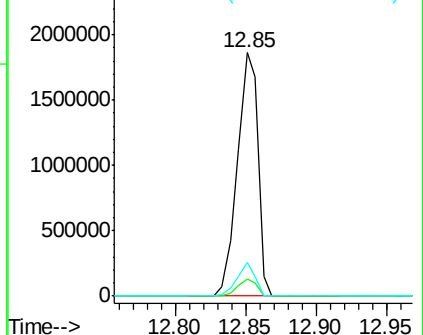
122 13.8 10.3 15.5

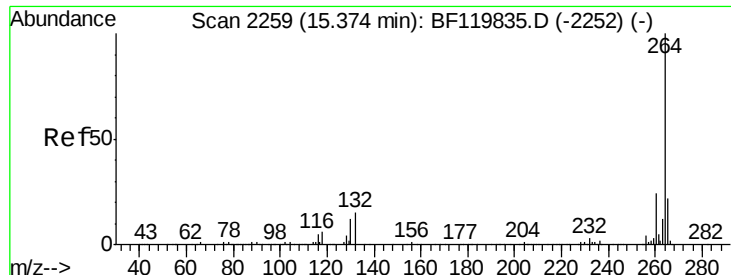


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

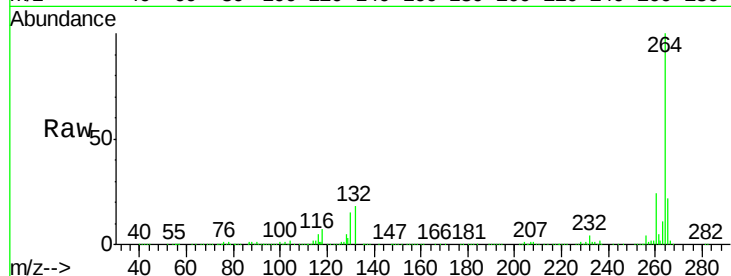




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119972.D
Acq: 15 Apr 2020 00:25

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:264 Resp: 474914
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 21.7 17.6 26.4



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

