

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119349.D
 Acq On : 11 Mar 2020 16:21
 Operator : CG/JU
 Sample : L1864-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 17:24:59 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

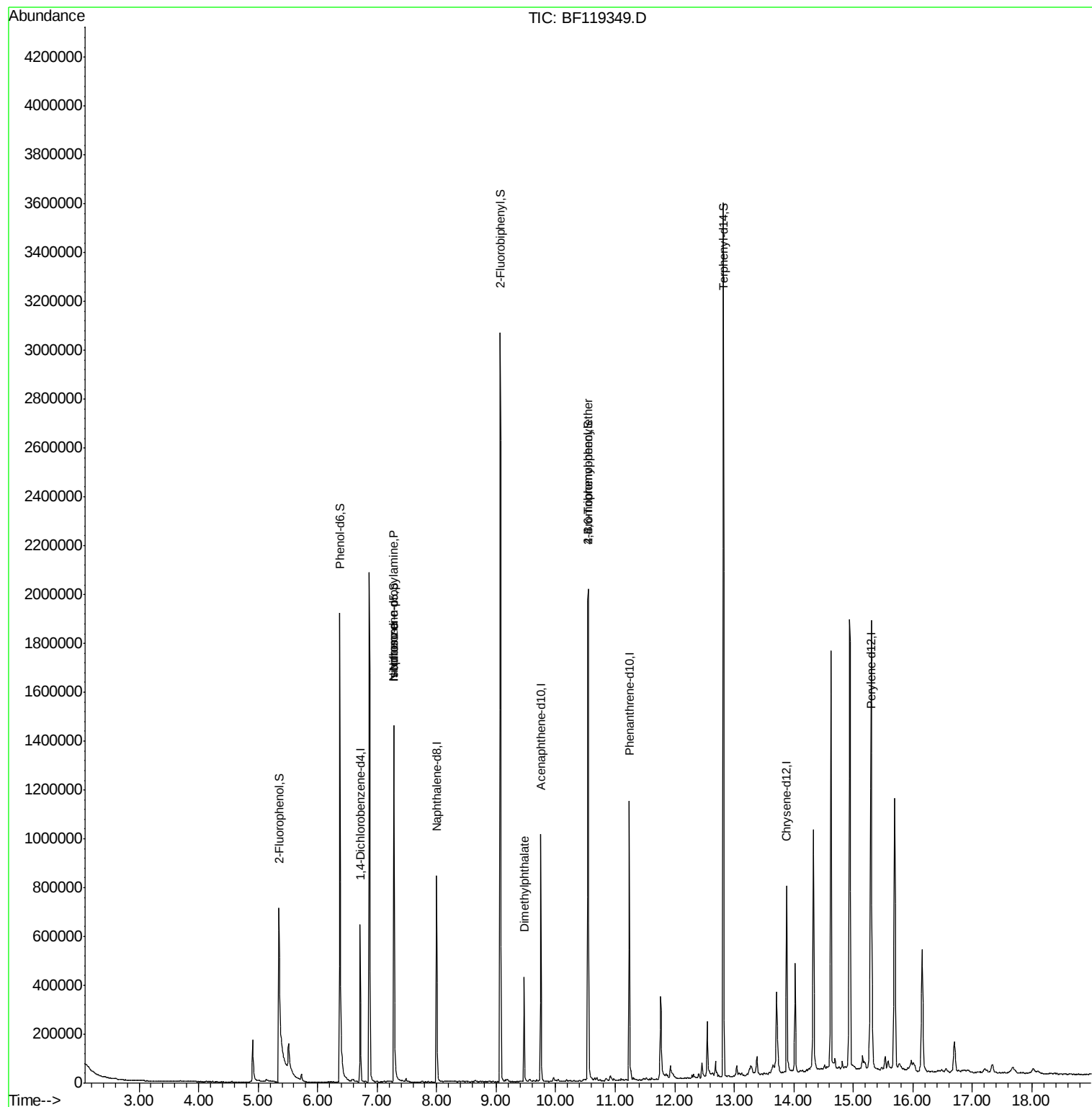
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106540	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	408113	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	222516	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	412009	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	281472	20.00	ng	0.00
87) Perylene-d12	15.31	264	243603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	517403	81.16	ng	0.00
7) Phenol-d6	6.37	99	843621	108.81	ng	0.00
23) Nitrobenzene-d5	7.28	82	549158	71.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	290269	99.72	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1008211	66.75	ng	-0.02
79) Terphenyl-d14	12.82	244	1203545	73.62	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	75359	16.680	ng	# 75
25) Isophorone	7.28	82	549154	40.909	ng	# 63
50) Dimethylphthalate	9.47	163	170767	10.036	ng	99
67) 4-Bromophenyl-phenylether	10.55	248	19224	3.570	ng	# 1

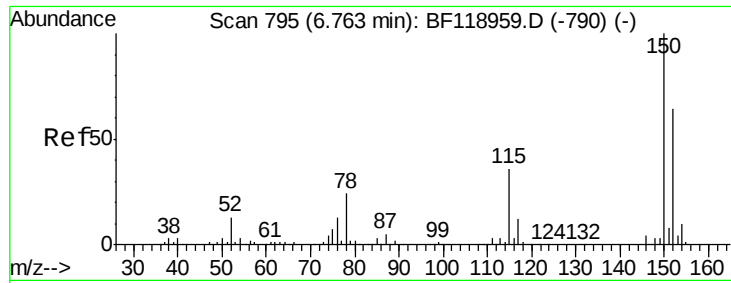
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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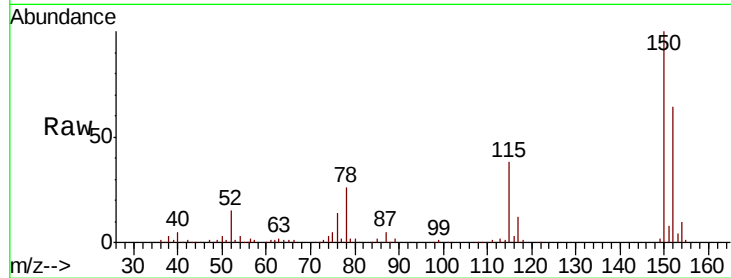




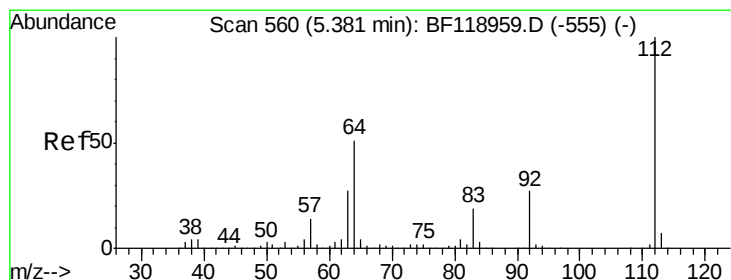
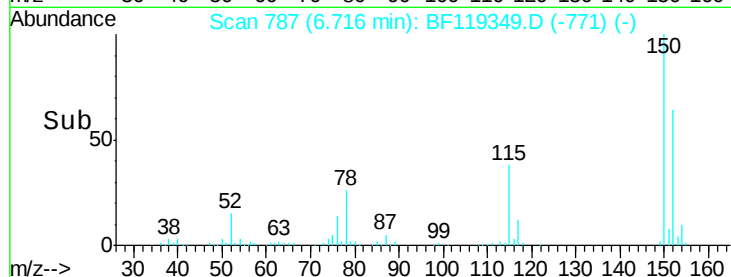
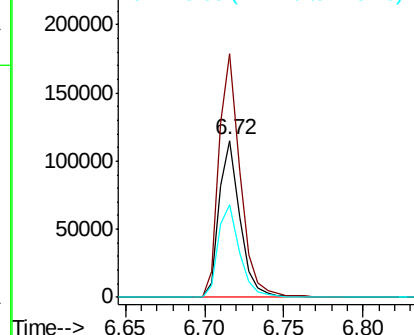
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 106540
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.0 184.6
 115 59.4 49.5 74.3

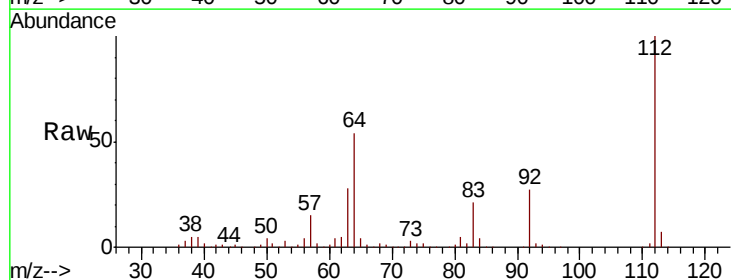


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

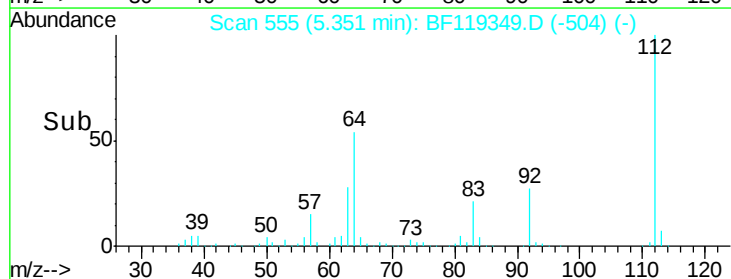
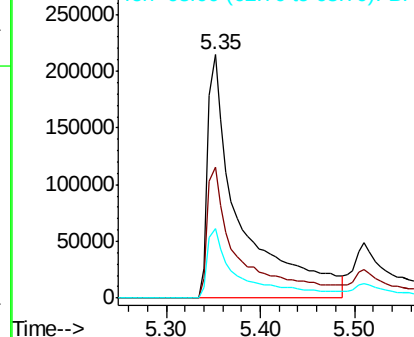


#5
 2-Fluorophenol
 Concen: 81.159 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Tgt Ion:112 Resp: 517403
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.0 67.4
 63 28.5 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: 108.807 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

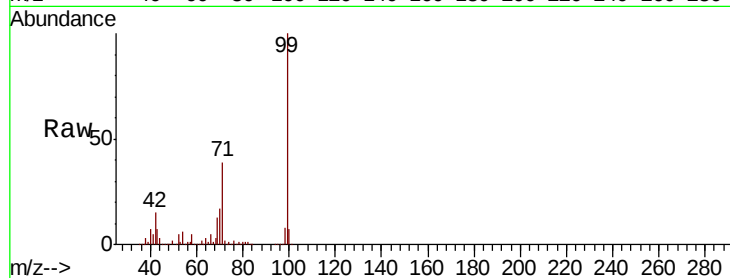
Tot Ion: 99 Resp: 843621

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

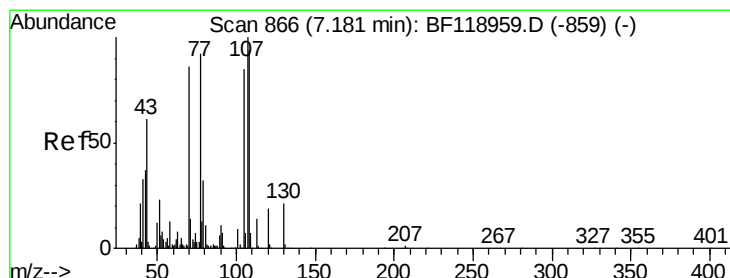
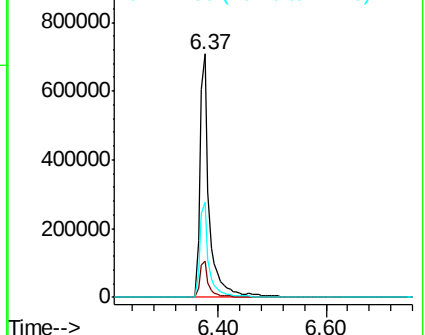
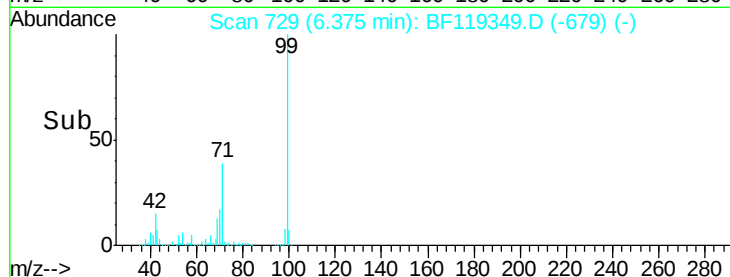
71 38.9 31.0 46.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.680 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.14 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Tgt Ion: 70 Resp: 75359

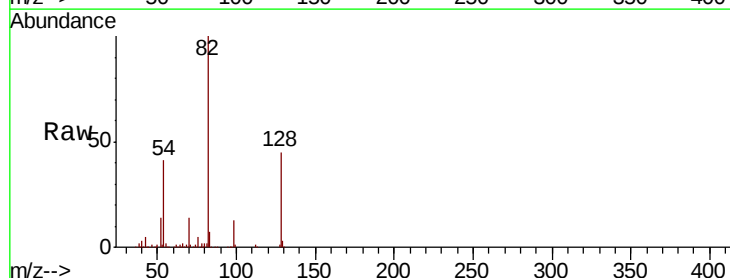
Ion Ratio Lower Upper

70 100

42 37.1 38.0 57.0#

101 0.0 8.2 12.4#

130 2.0 18.2 27.4#

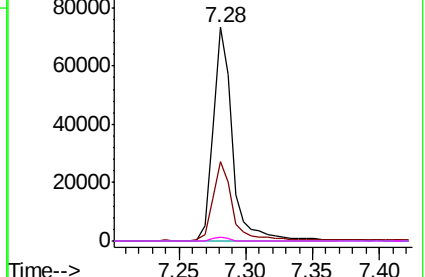
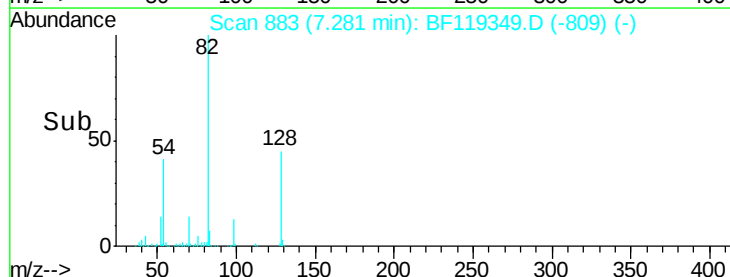


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 408113

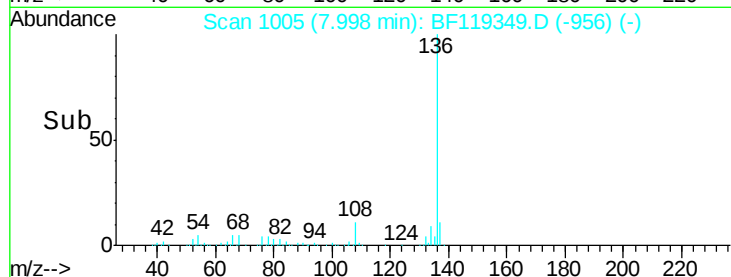
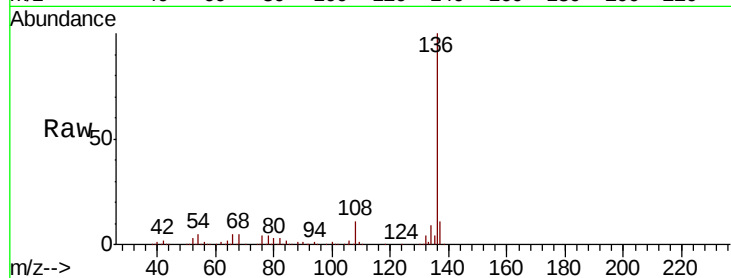
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 4.9 3.8 5.6

68 5.1 3.9 5.9

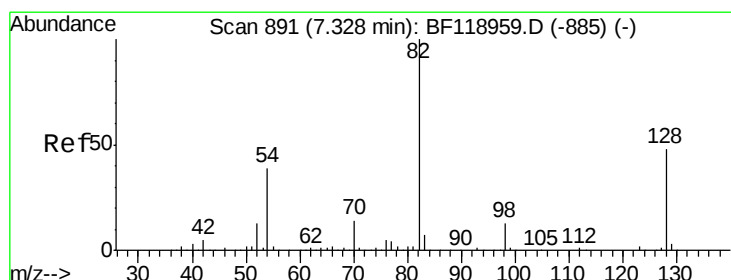
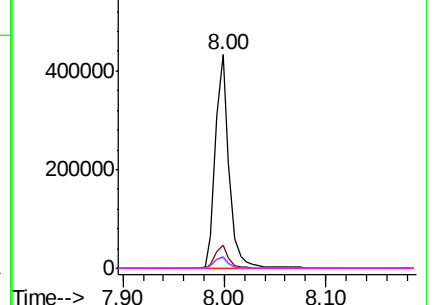


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.048 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

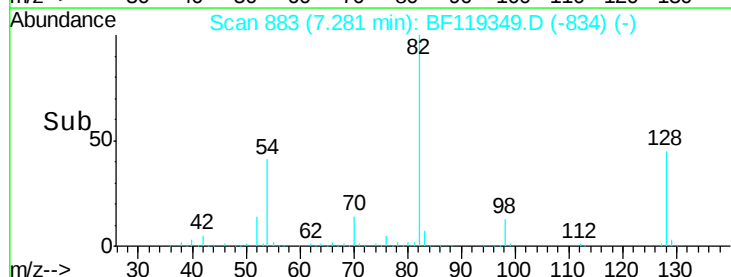
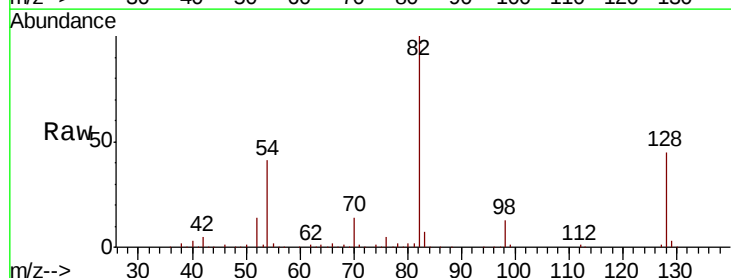
Tgt Ion: 82 Resp: 549158

Ion Ratio Lower Upper

82 100

128 44.7 37.9 56.9

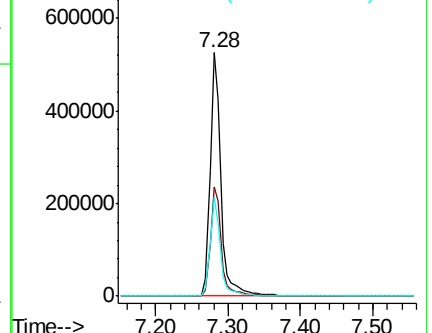
54 40.6 33.4 50.2

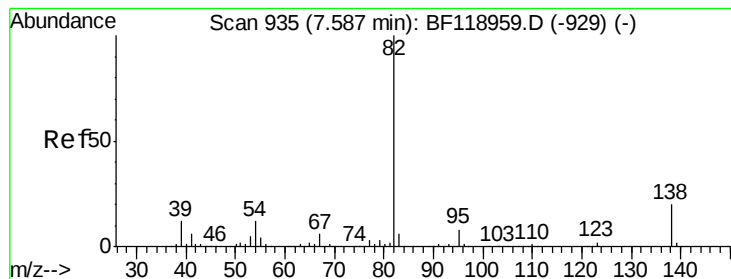


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.909 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.27 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

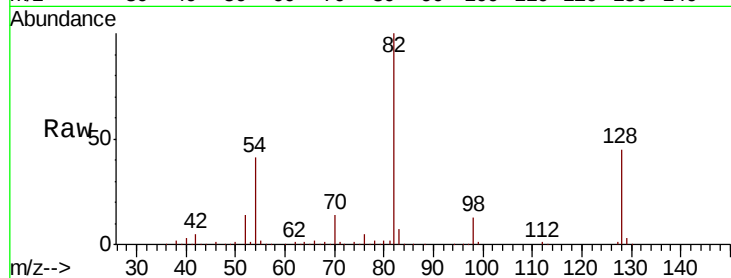
Tot Ion: 82 Resp: 549154

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

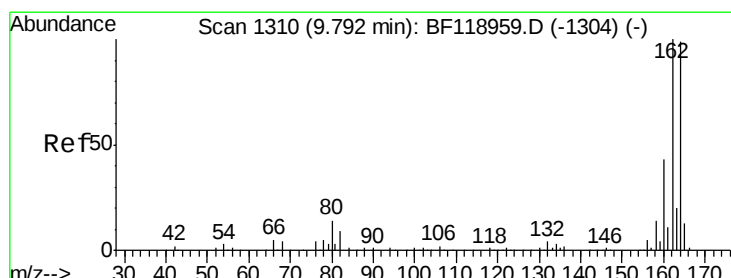
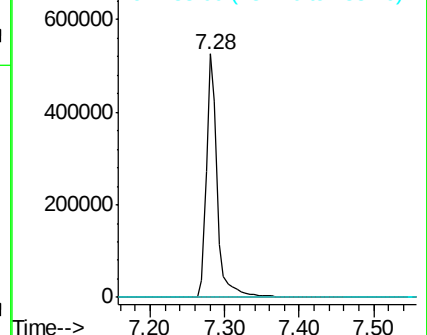
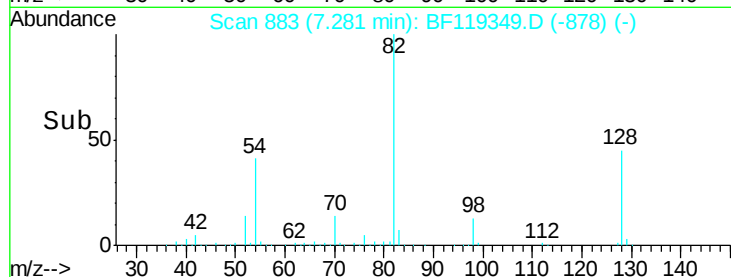
138 0.0 15.7 23.5#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

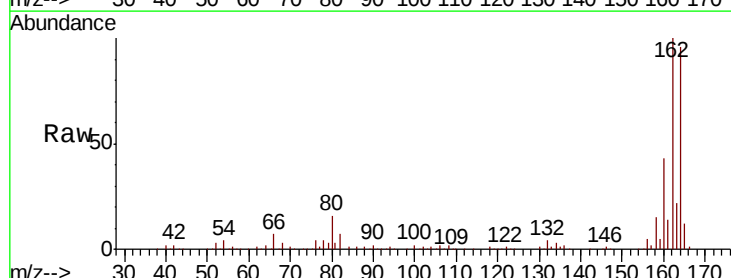
Tgt Ion: 164 Resp: 222516

Ion Ratio Lower Upper

164 100

162 104.5 81.8 122.8

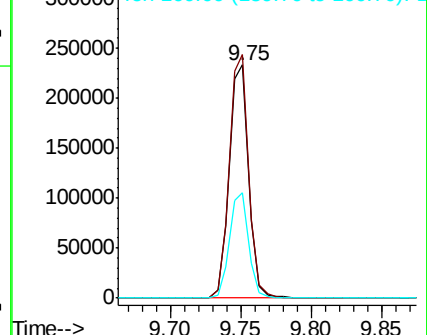
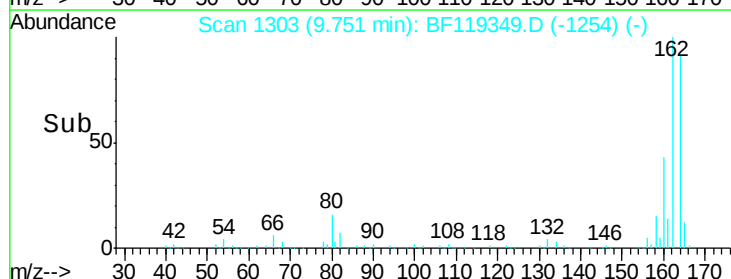
160 45.2 36.0 54.0

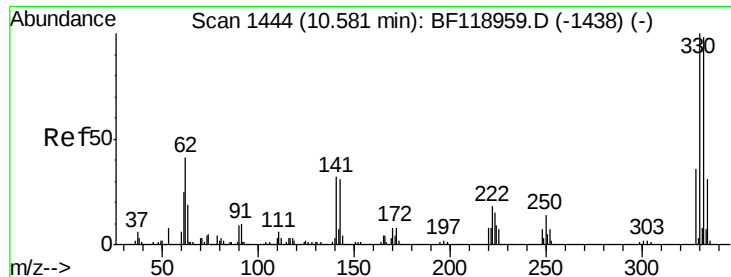


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

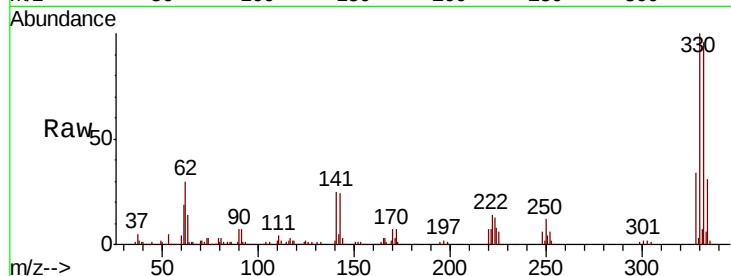




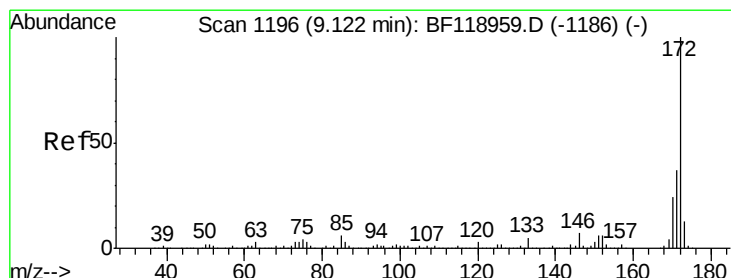
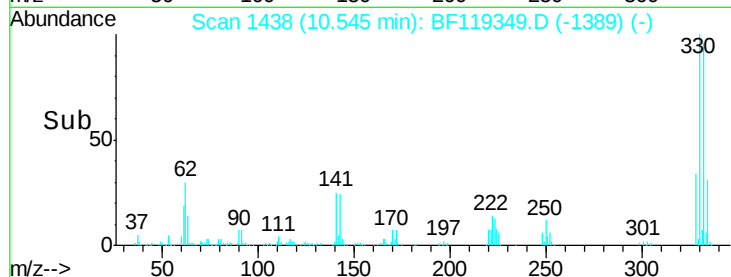
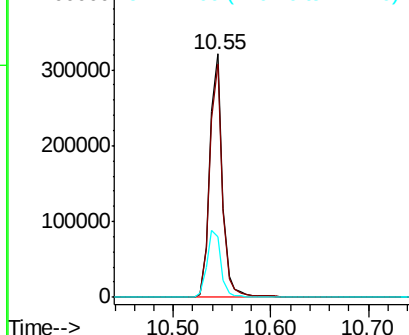
#42
 2,4,6-Tribromophenol
 Concen: 99.718 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 290269
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.0 114.0
 141 30.5 22.9 34.3

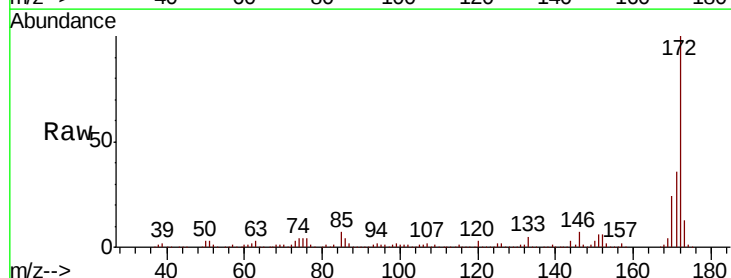


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

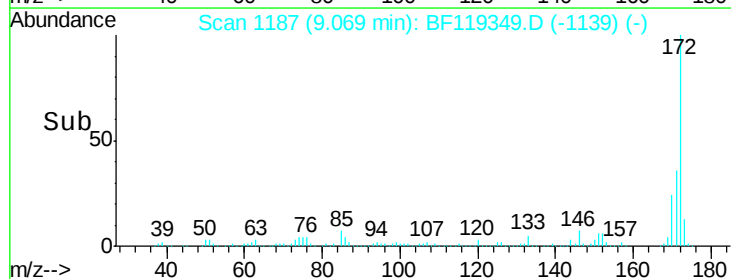
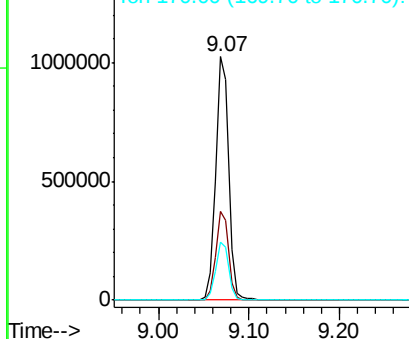


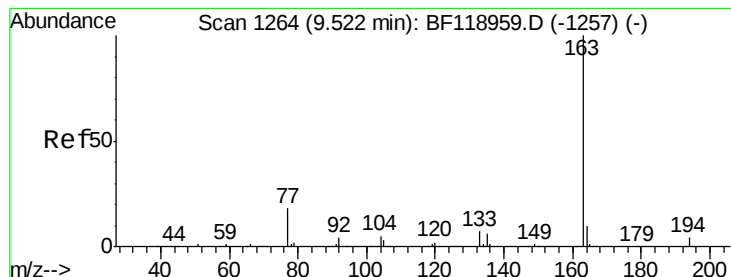
#45
 2-Fluorobiphenyl
 Concen: 66.749 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Tgt Ion:172 Resp: 1008211
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.6 45.8
 170 23.6 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: 10.036 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

Instrument :

BNA_F

ClientSampleId :

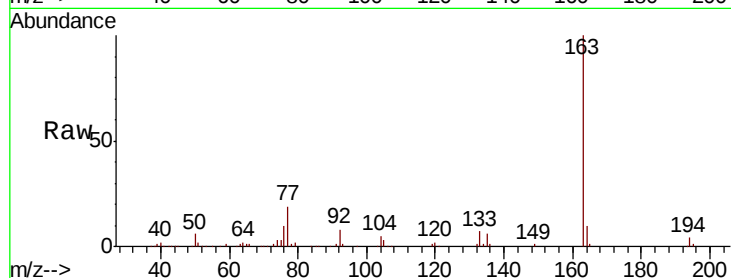
Tot Ion:163 Resp: 170767

Ion Ratio Lower Upper

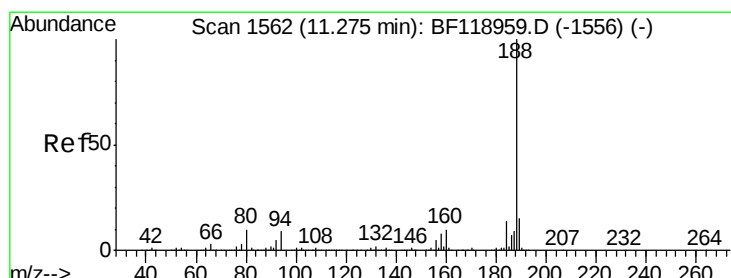
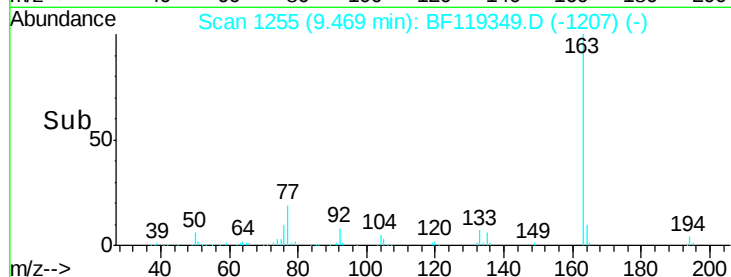
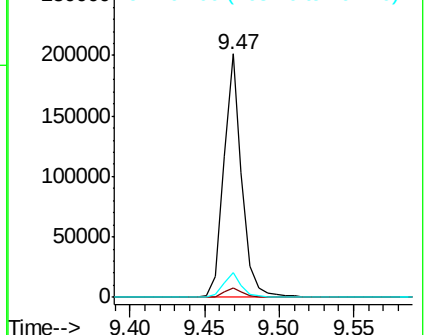
163 100

194 4.1 3.5 5.3

164 10.2 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF119349.D

Acq: 11 Mar 2020 16:21

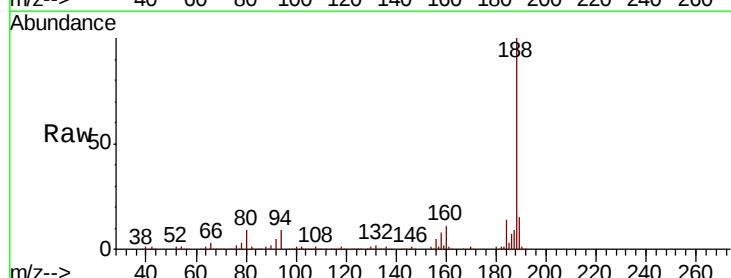
Tgt Ion:188 Resp: 412009

Ion Ratio Lower Upper

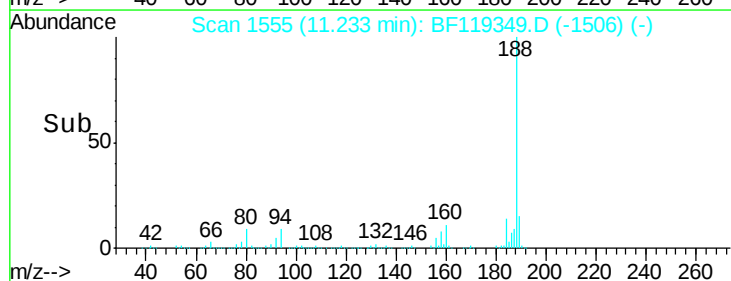
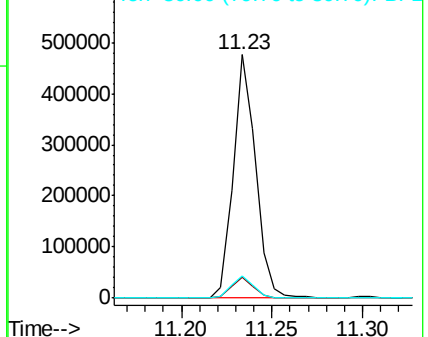
188 100

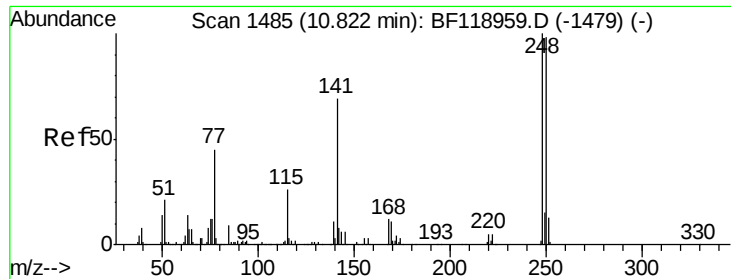
94 8.6 7.1 10.7

80 9.3 7.8 11.8



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

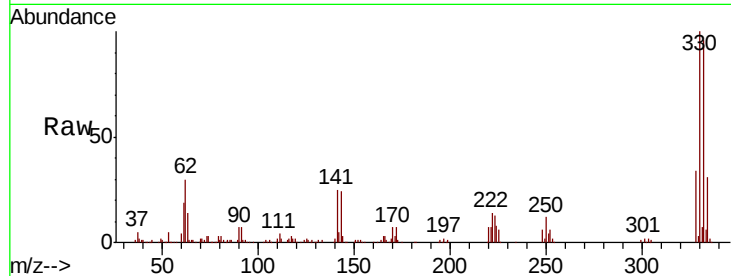




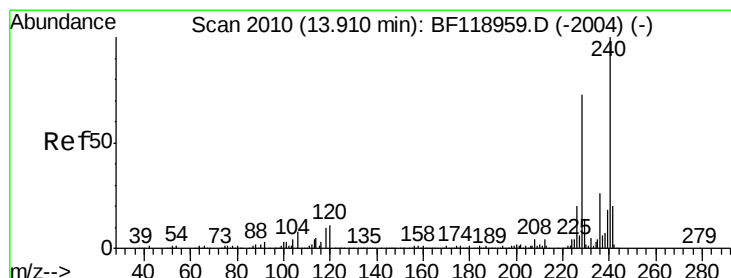
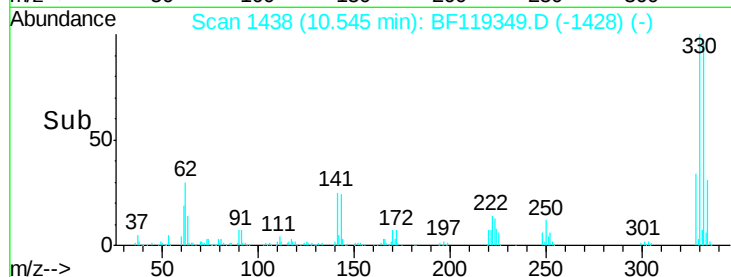
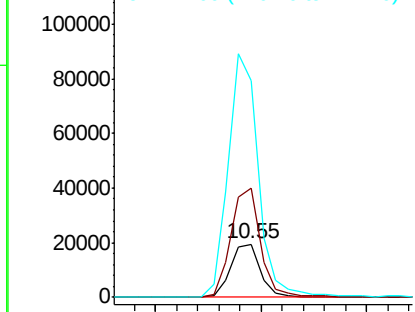
#67
4-Bromophenyl-phenylether
Concen: 3.570 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF119349.D
Acq: 11 Mar 2020 16:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 19224
Ion Ratio Lower Upper
248 100
250 204.3 76.7 115.1#
141 405.1 60.7 91.1#

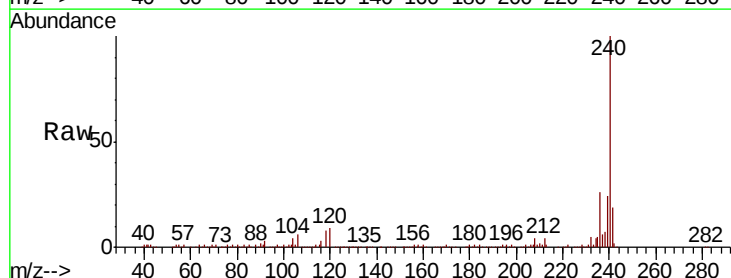


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

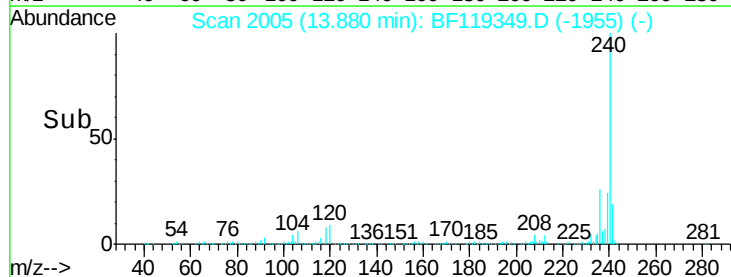
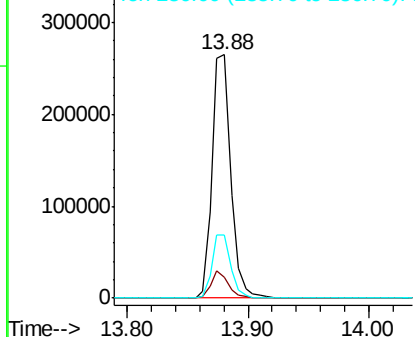


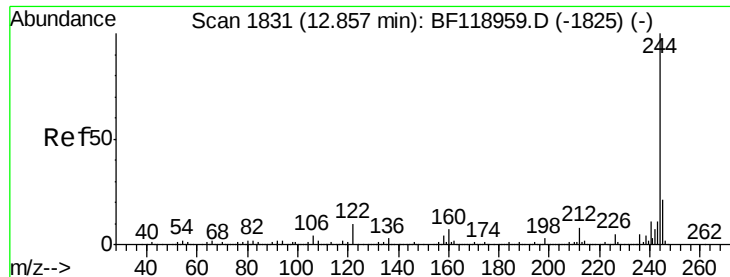
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119349.D
Acq: 11 Mar 2020 16:21

Tgt Ion:240 Resp: 281472
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 26.0 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

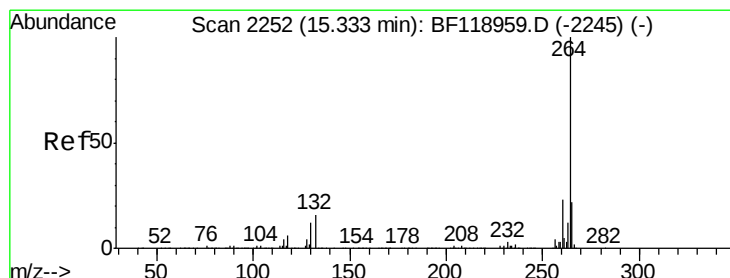
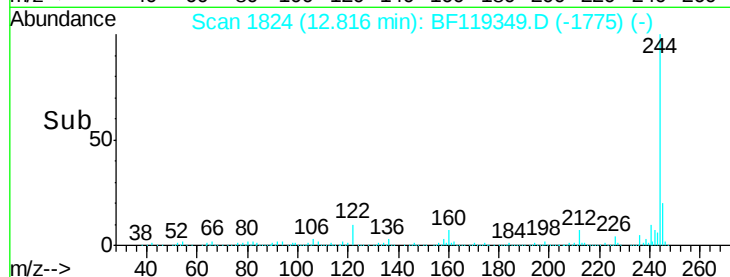
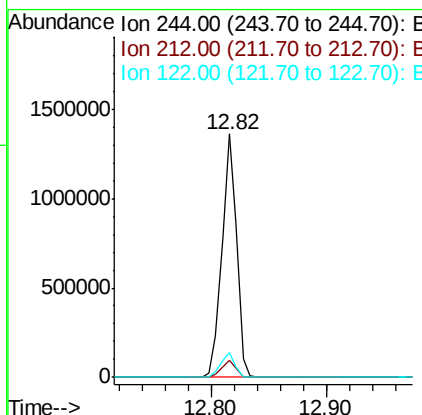
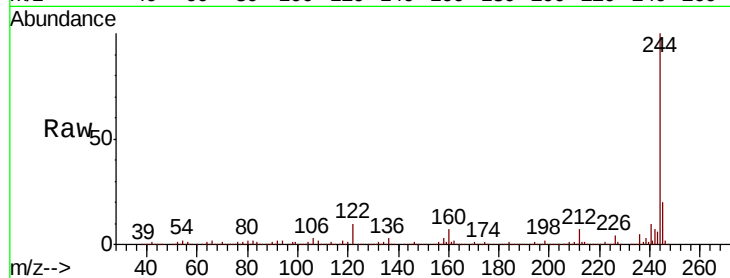




#79
 Terphenyl-d14
 Concen: 73.617 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1203545
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.6 10.0
 122 10.0 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF119349.D
 Acq: 11 Mar 2020 16:21

Tgt Ion:264 Resp: 243603
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.7 17.7 26.5

