

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119924.D
 Acq On : 13 Apr 2020 19:30
 Operator : MA/SJ
 Sample : L2215-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:43:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

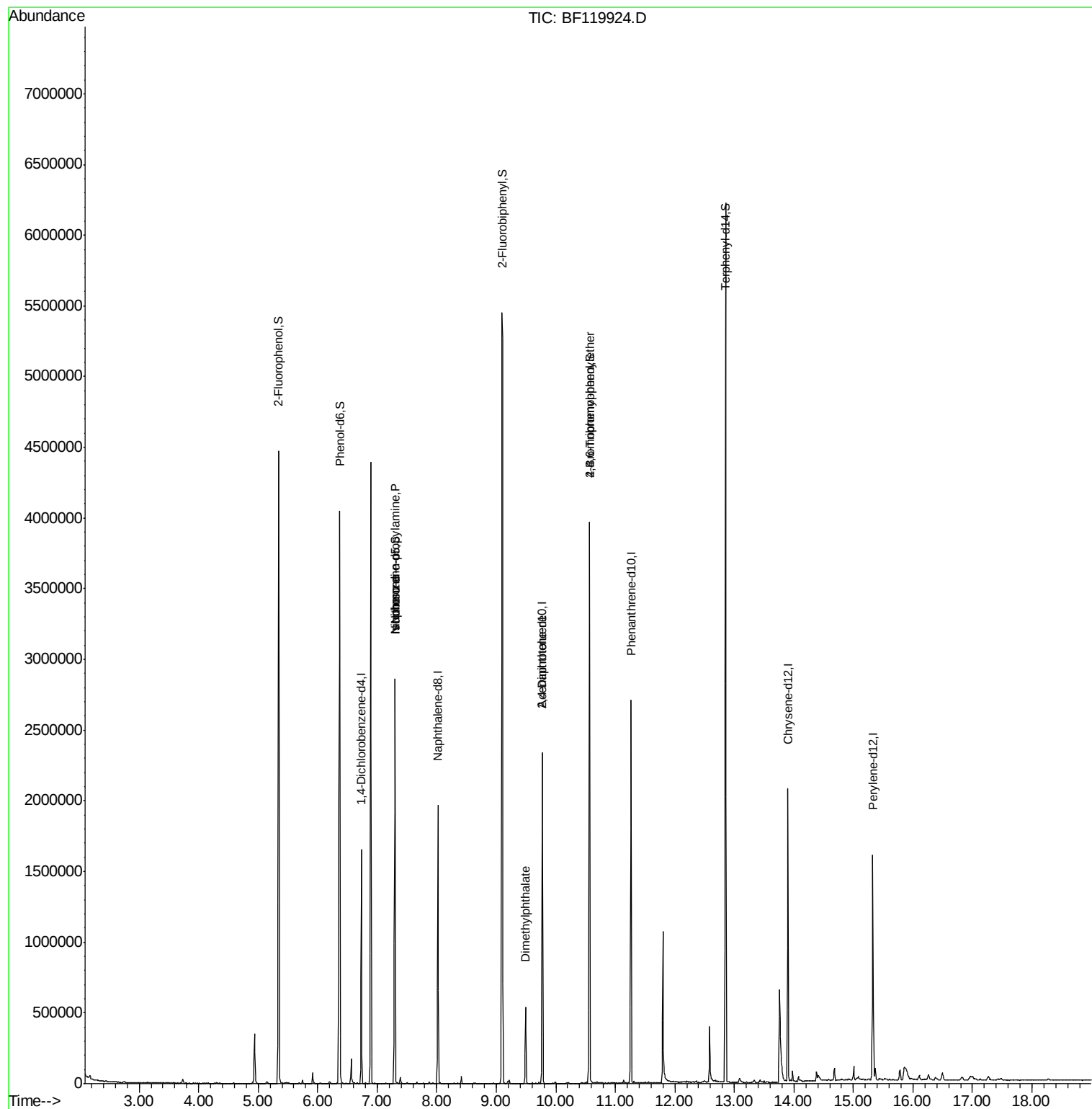
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	234915	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	910360	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	480950	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	943589	20.00	ng	0.00
76) Chrysene-d12	13.90	240	761797	20.00	ng	0.00
87) Perylene-d12	15.33	264	732370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1307962	96.22	ng	0.00
7) Phenol-d6	6.37	99	1685633	96.24	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1041854	59.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	519996	88.31	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1972959	58.24	ng	0.00
79) Terphenyl-d14	12.86	244	2320936	51.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2425	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	136962	12.160	ng	# 77
25) Isophorone	7.30	82	1036987	30.570	ng	# 65
50) Dimethylphthalate	9.49	163	206666	5.555	ng	100
57) 2,4-Dinitrotoluene	9.77	165	61978	5.775	ng	# 23
67) 4-Bromophenyl-phenylether	10.57	248	29910	2.549	ng	# 1

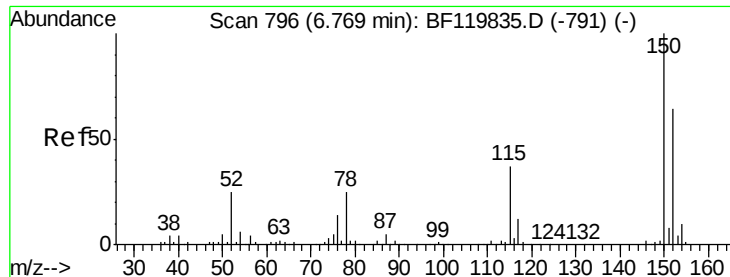
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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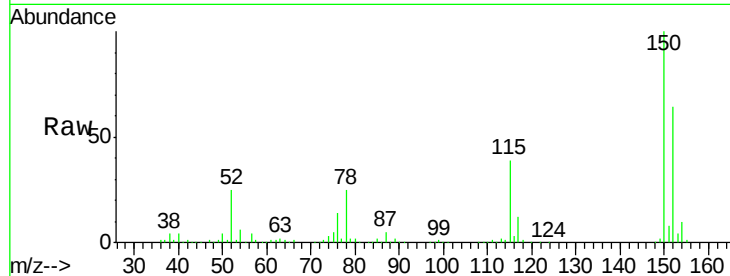


#1

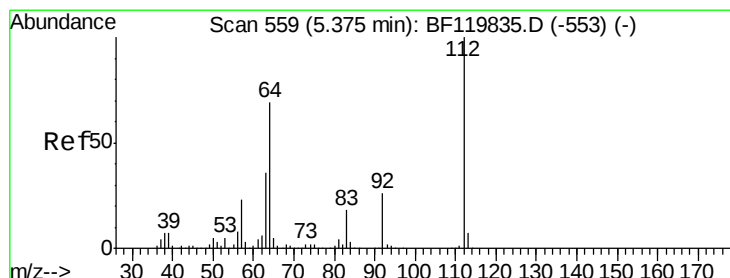
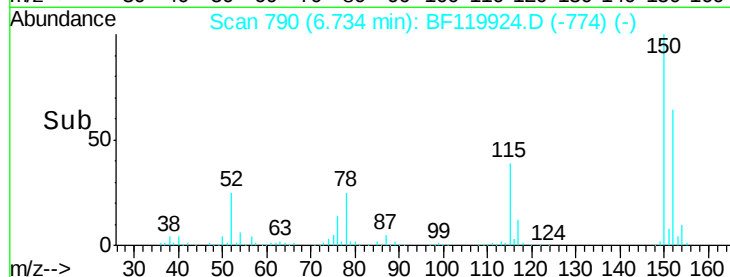
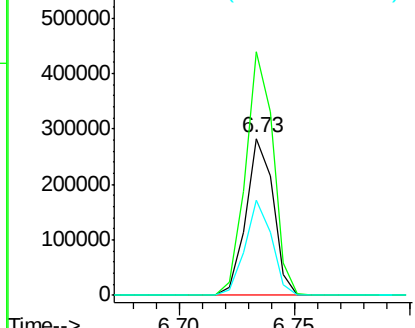
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119924.D
Acq: 13 Apr 2020 19:30

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.8	187.2
115	60.5	46.5	69.7



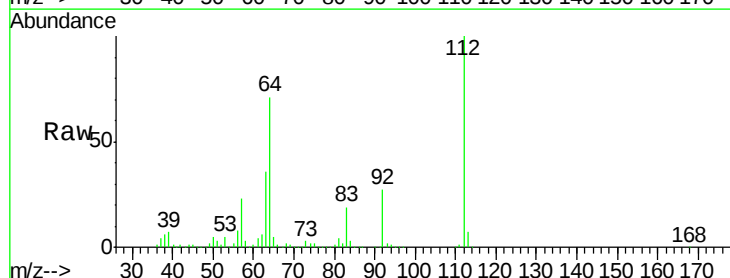
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



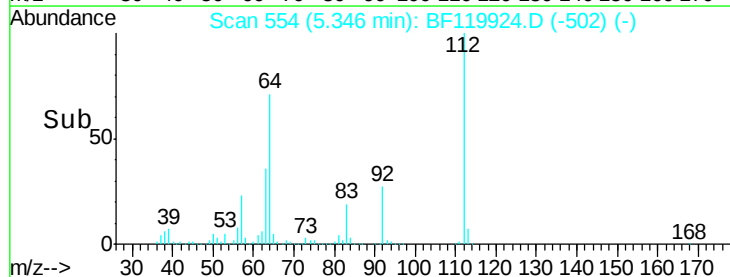
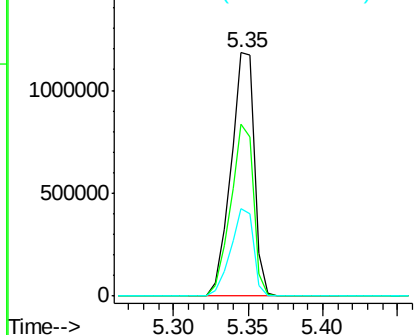
#5

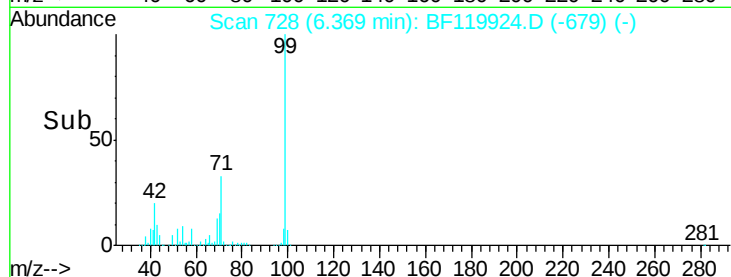
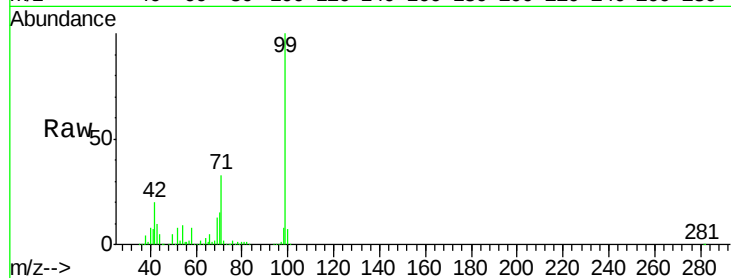
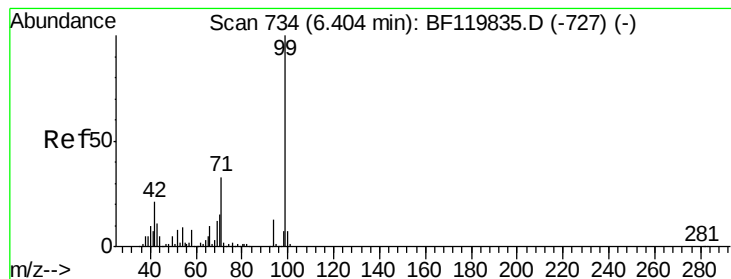
2-Fluorophenol
Concen: 96.222 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF119924.D
Acq: 13 Apr 2020 19:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	55.5	83.3
63	36.1	29.1	43.7



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: 96.237 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Instrument :

BNA_F

ClientSampleId :

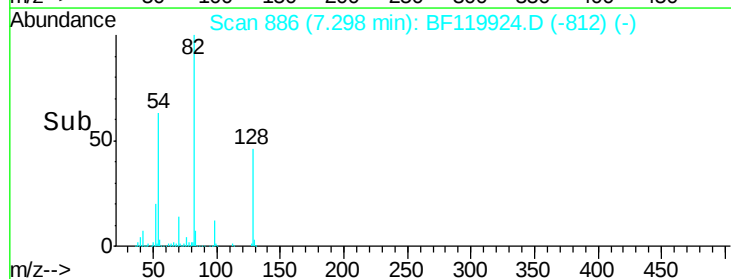
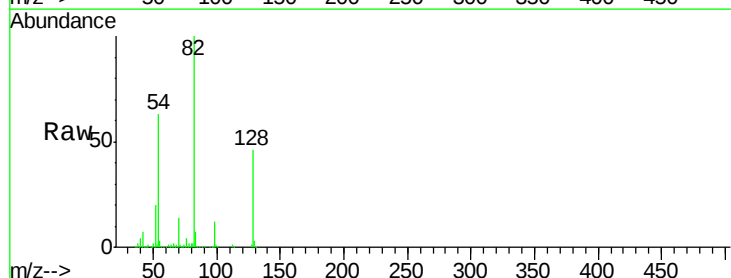
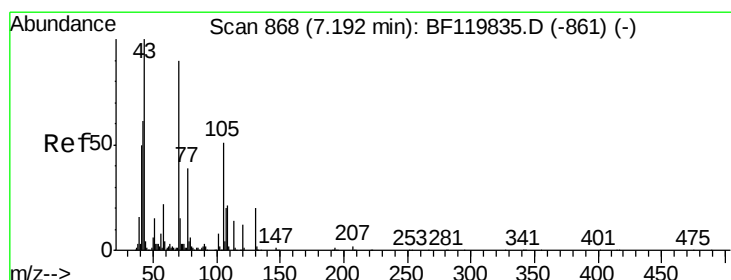
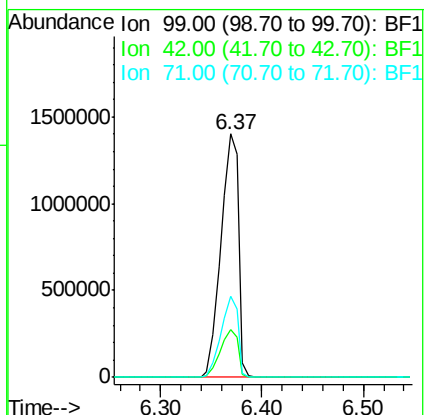
Tot Ion: 99 Resp: 1685633

Ion Ratio Lower Upper

99 100

42 19.8 16.9 25.3

71 33.1 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.160 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Tgt Ion: 70 Resp: 136962

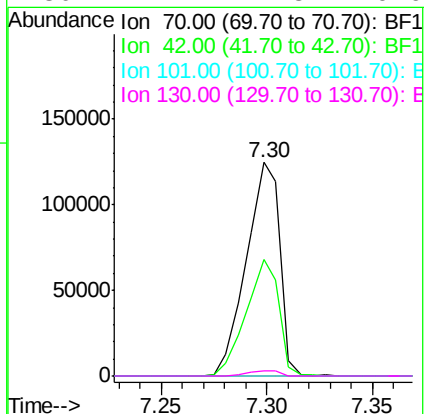
Ion Ratio Lower Upper

70 100

42 54.7 54.2 81.4

101 0.0 7.4 11.2#

130 2.2 17.8 26.6#

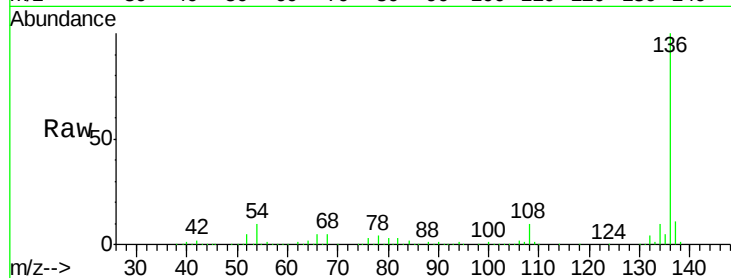




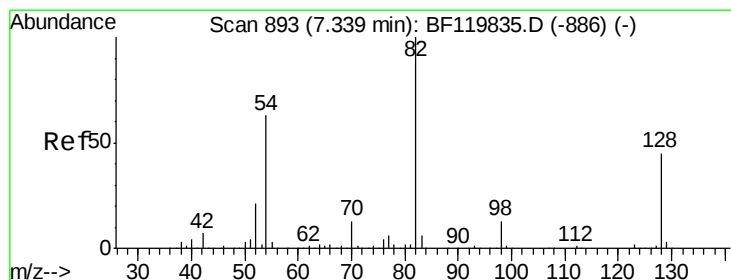
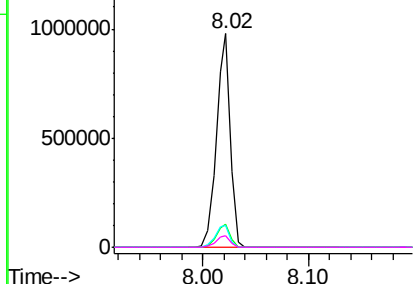
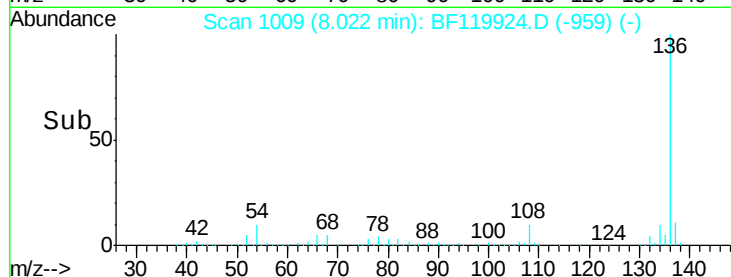
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119924.D
Acq: 13 Apr 2020 19:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	910360
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.7	13.1
54 10.2	8.5	12.7
68 5.2	3.9	5.9

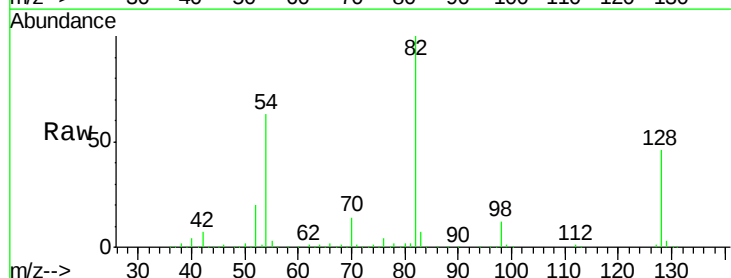


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

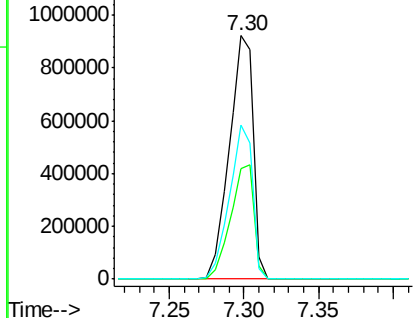
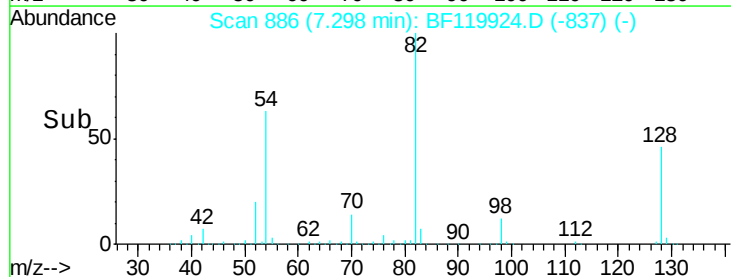


#23
Nitrobenzene-d5
Concen: 59.206 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119924.D
Acq: 13 Apr 2020 19:30

Tgt Ion: 82	Resp: 1041854
Ion Ratio	Lower Upper
82 100	
128 45.5	36.2 54.4
54 63.3	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: 30.570 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Instrument :

BNA_F

ClientSampleId :

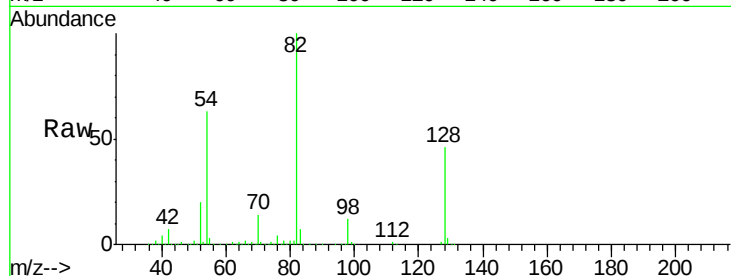
Tot Ion: 82 Resp: 1036987

Ion Ratio Lower Upper

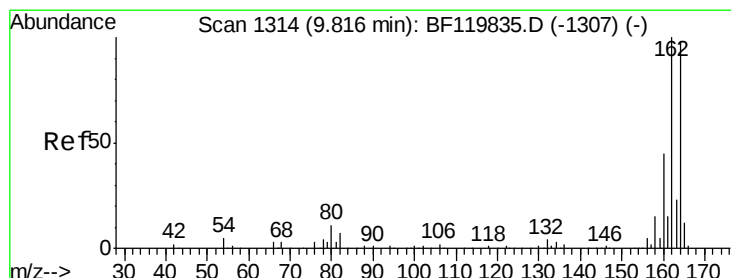
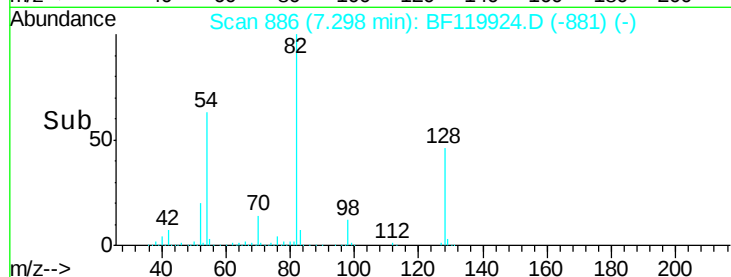
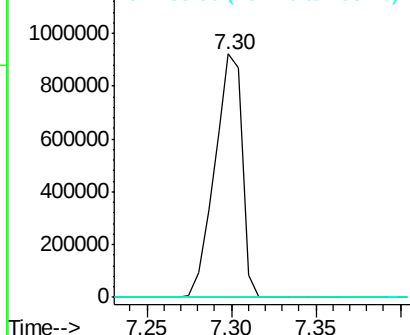
82 100

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: BF119924.D

Acq: 13 Apr 2020 19:30

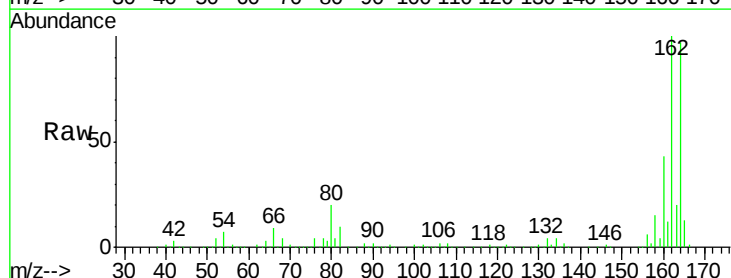
Tgt Ion:164 Resp: 480950

Ion Ratio Lower Upper

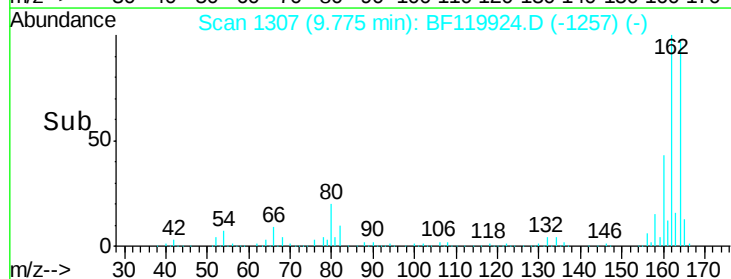
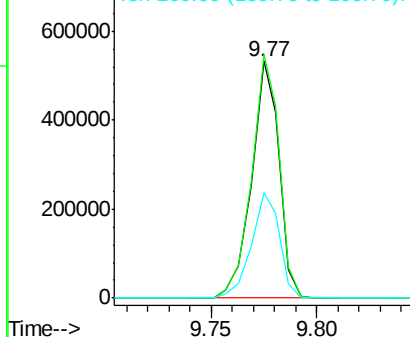
164 100

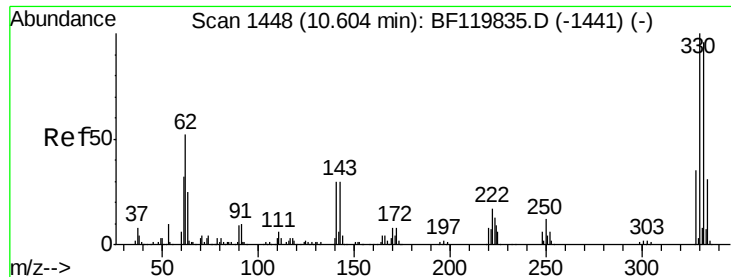
162 102.8 81.9 122.9

160 44.7 36.6 54.8



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

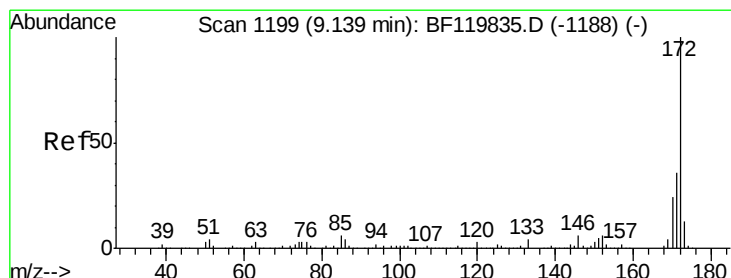
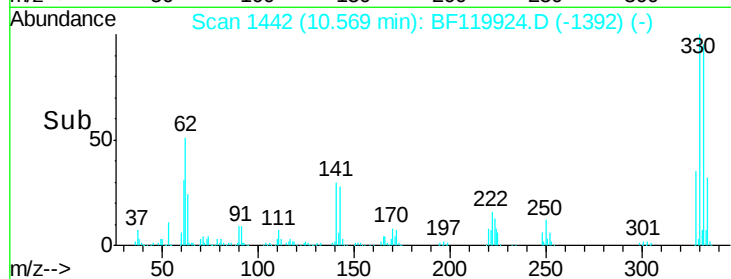
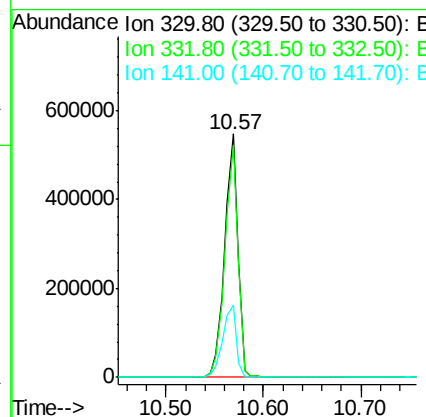
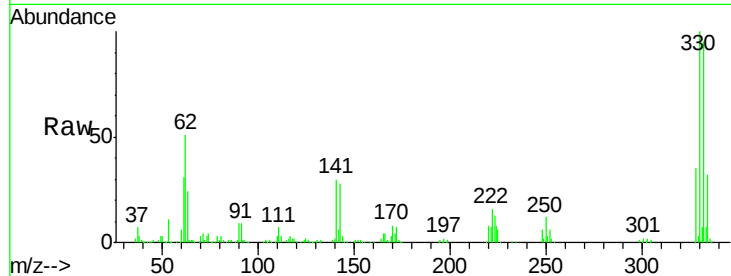




#42
 2,4,6-Tribromophenol
 Concen: 88.308 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119924.D
 Acq: 13 Apr 2020 19:30

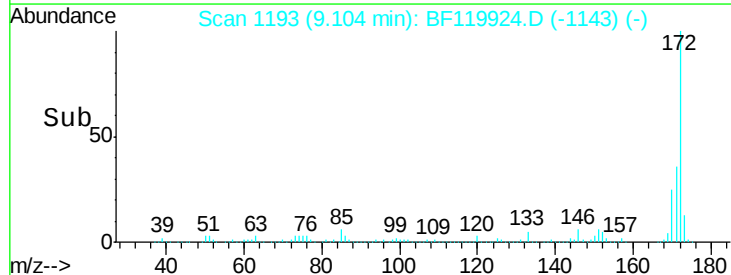
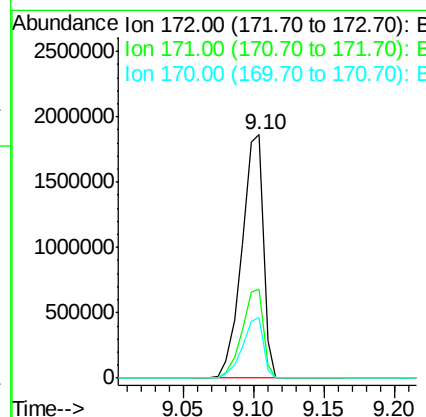
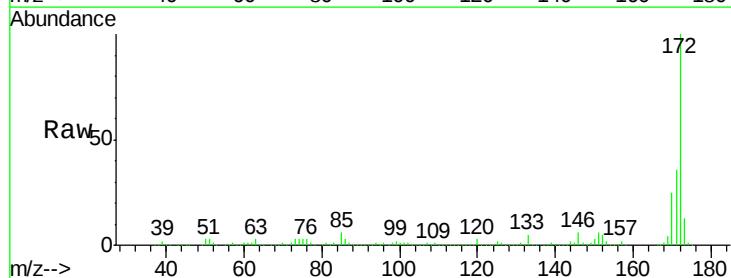
Instrument :
 BNA_F
 ClientSampleId :

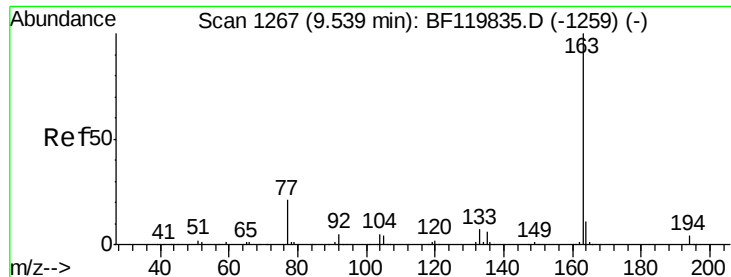
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	30.3	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 58.242 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119924.D
 Acq: 13 Apr 2020 19:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.8	19.4	29.2





#50

Dimethylphthalate

Concen: 5.555 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Instrument :
BNA_F
ClientSampleId :

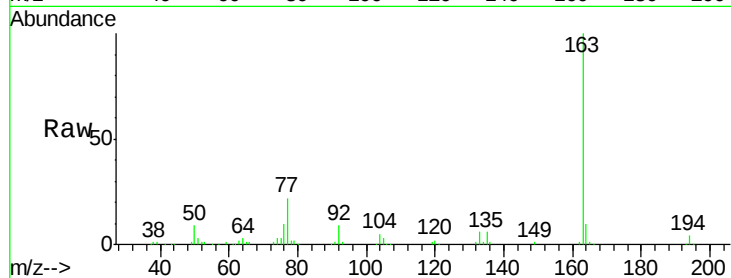
Tot Ion:163 Resp: 206666

Ion Ratio Lower Upper

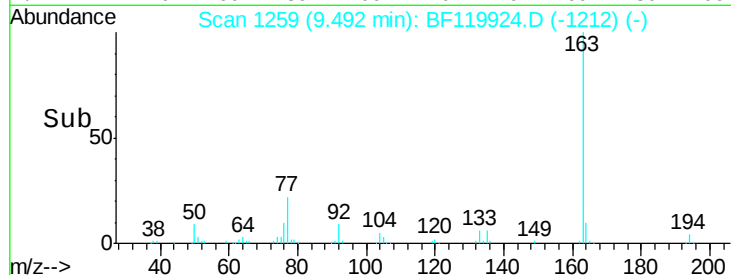
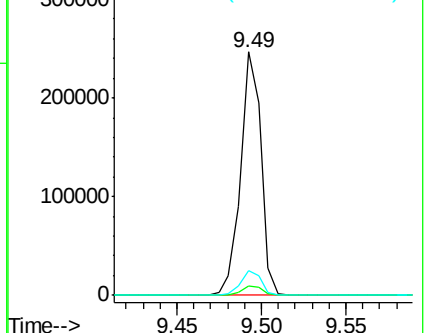
163 100

194 3.7 3.0 4.4

164 10.3 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: 5.775 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.20 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Tgt Ion:165 Resp: 61978

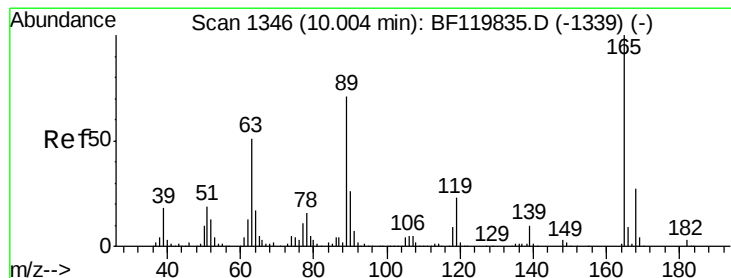
Ion Ratio Lower Upper

165 100

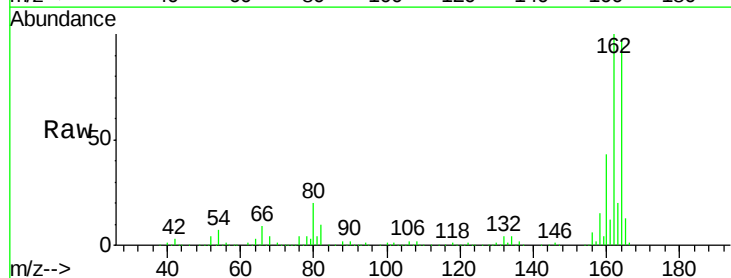
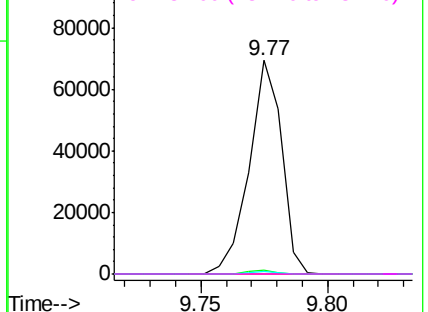
63 1.7 40.8 61.2#

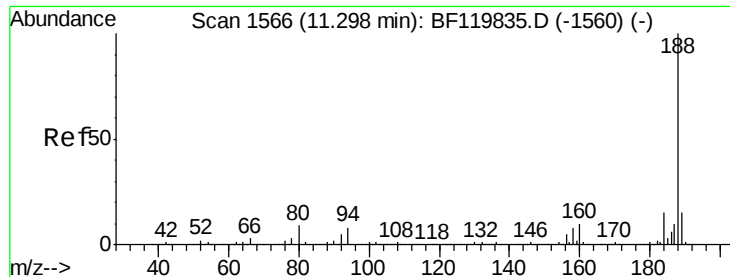
89 1.5 56.9 85.3#

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

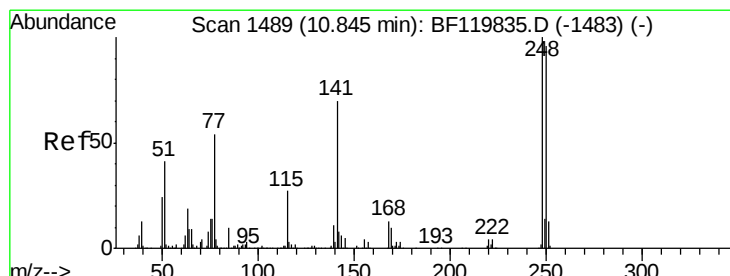
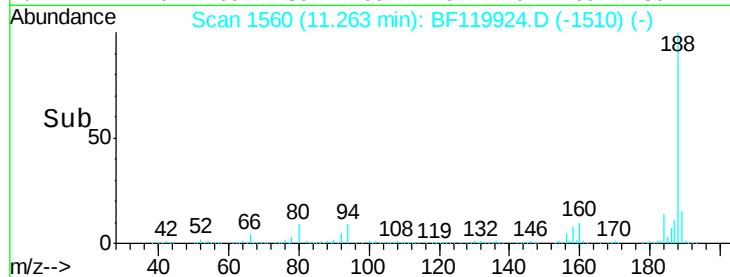
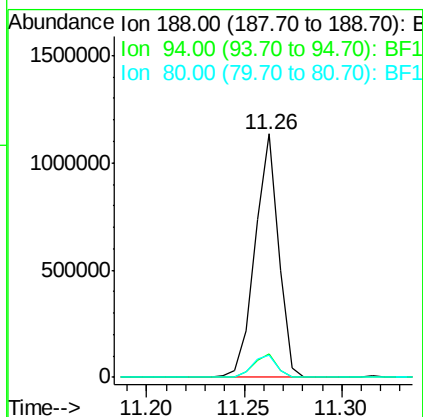
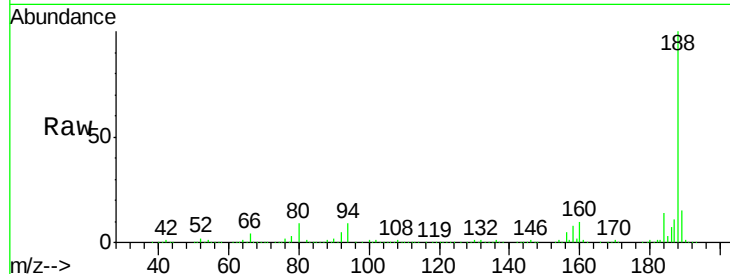




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF119924.D
 Acq: 13 Apr 2020 19:30

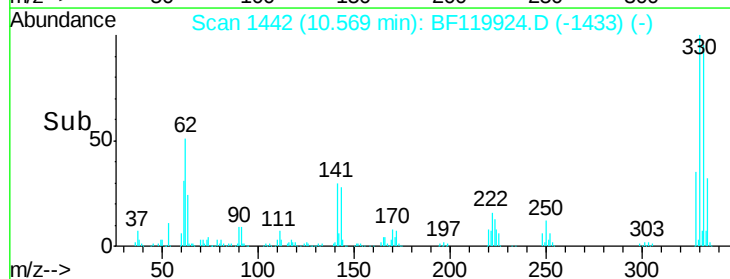
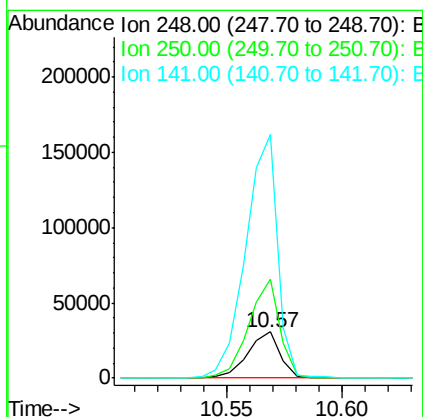
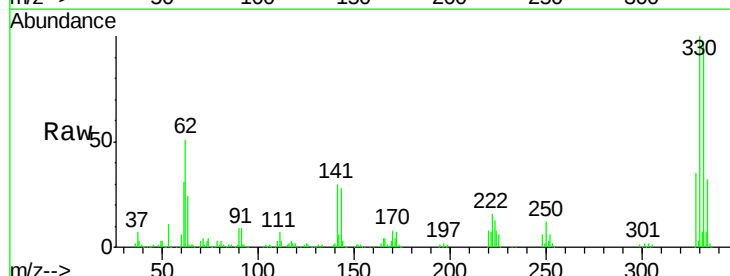
Instrument :
 BNA_F
 ClientSampleId :

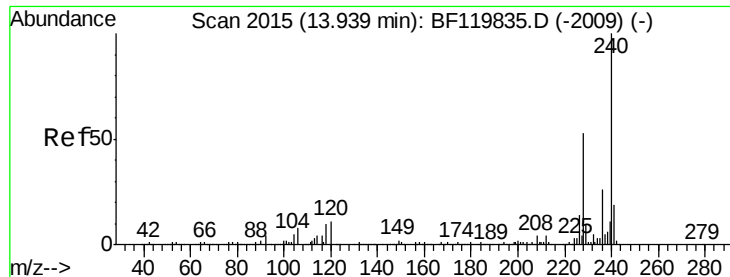
Tot Ion:188 Resp: 943589
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.7 10.1
 80 9.3 7.4 11.2



#67
 4-Bromophenyl-phenylether
 Concen: 2.549 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF119924.D
 Acq: 13 Apr 2020 19:30

Tgt Ion:248 Resp: 29910
 Ion Ratio Lower Upper
 248 100
 250 216.0 76.6 114.8#
 141 529.7 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

Instrument :

BNA_F

ClientSampled :

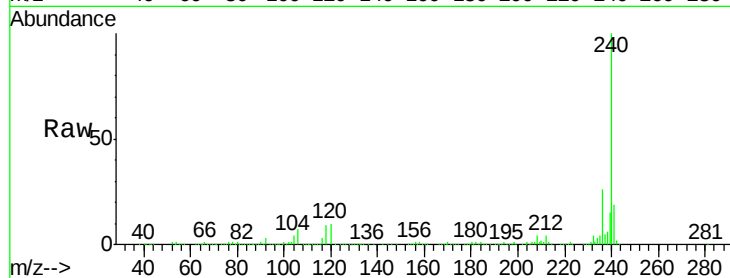
Tot Ion:240 Resp: 761797

Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.6

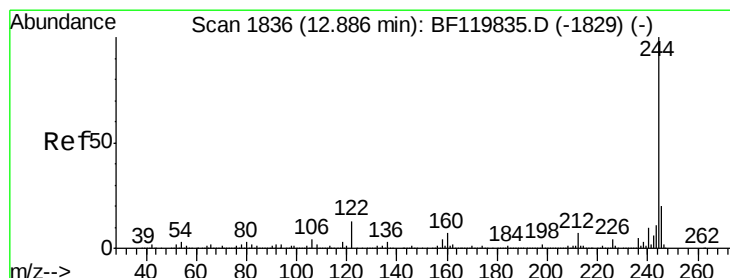
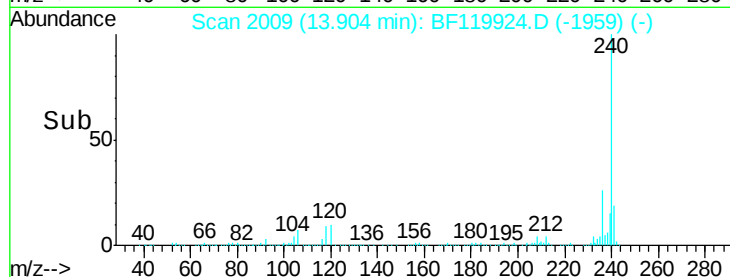
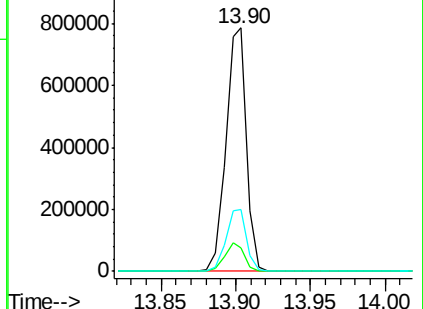
236 25.6 20.7 31.1



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: 51.265 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119924.D

Acq: 13 Apr 2020 19:30

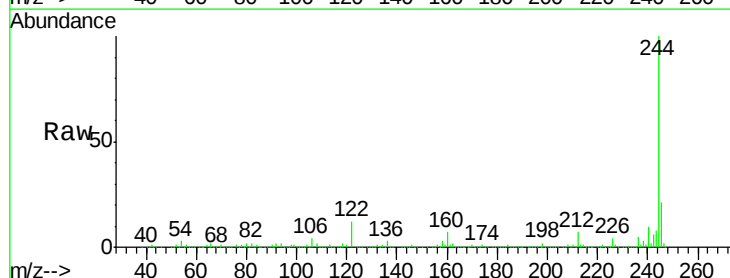
Tgt Ion:244 Resp: 2320936

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

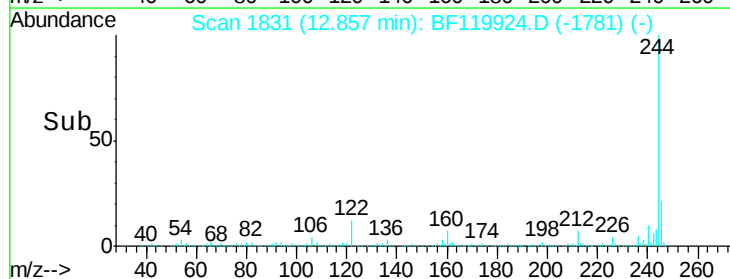
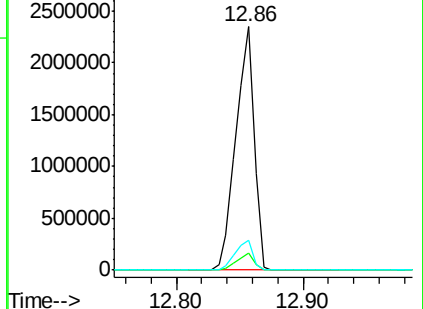
122 12.1 10.3 15.5

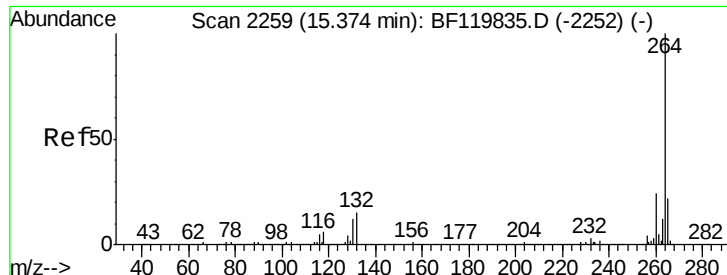


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

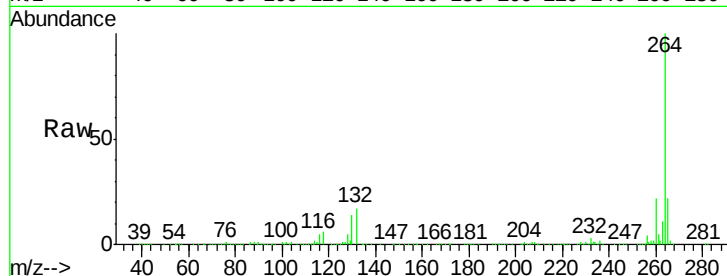




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119924.D
 Acq: 13 Apr 2020 19:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

