

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119134.D
 Acq On : 28 Feb 2020 16:34
 Operator : CG/JU
 Sample : L1719-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:38:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

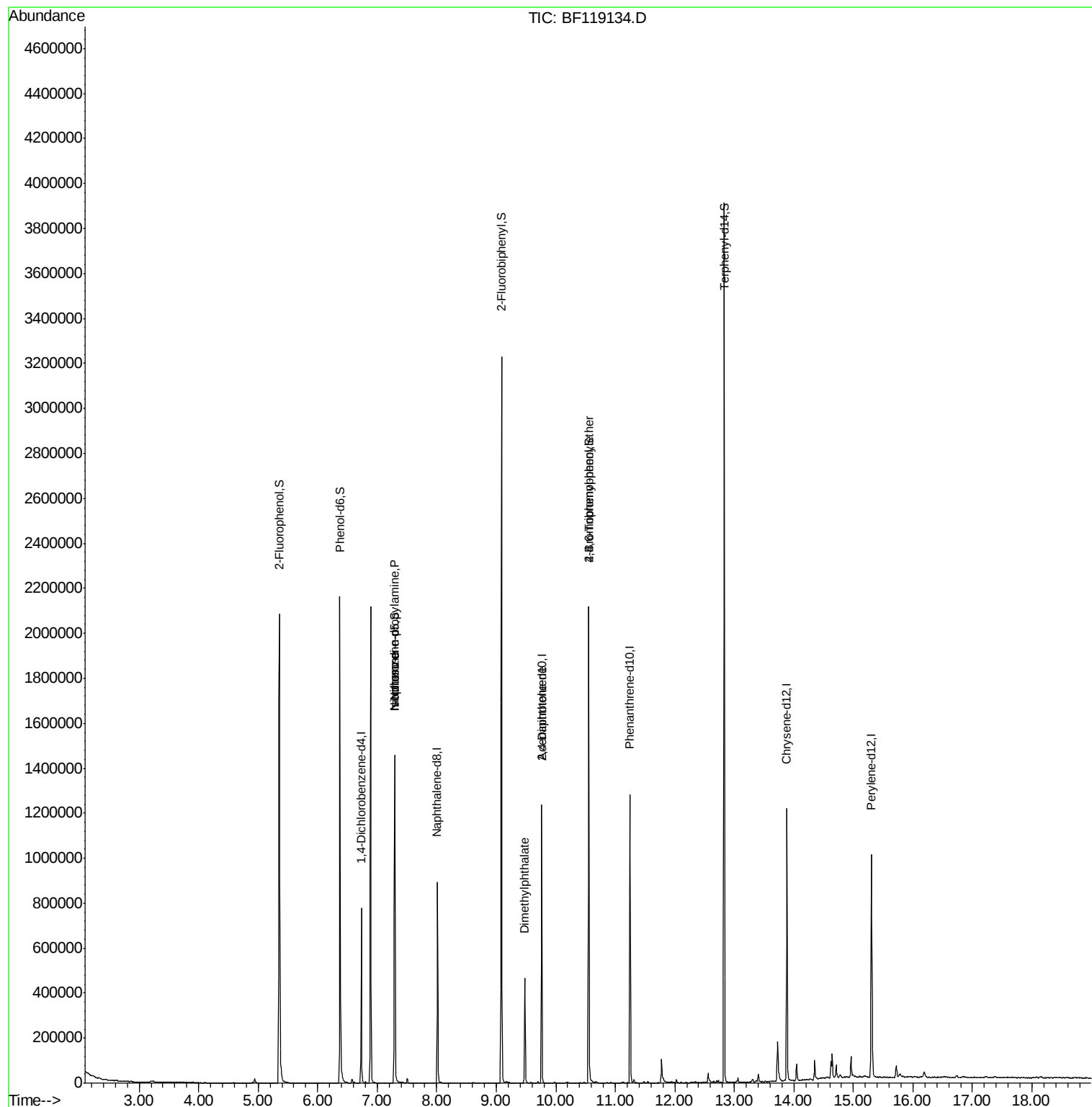
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119022	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	450594	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	247793	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	480385	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	412199	20.00	ng	-0.02
87) Perylene-d12	15.30	264	426400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	649556	91.20	ng	-0.01
7) Phenol-d6	6.37	99	781761	90.25	ng	-0.03
23) Nitrobenzene-d5	7.29	82	510835	59.86	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	294109	90.73	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1049853	62.42	ng	-0.02
79) Terphenyl-d14	12.83	244	1402050	58.56	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	70284	13.925	ng	# 75
25) Isophorone	7.29	82	510831	34.467	ng	# 63
50) Dimethylphthalate	9.48	163	195850	10.336	ng	99
57) 2,4-Dinitrotoluene	9.76	165	32735	5.999	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	19379	3.086	ng	# 1

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

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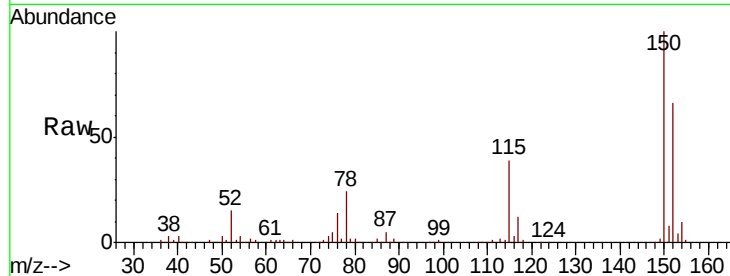


#1

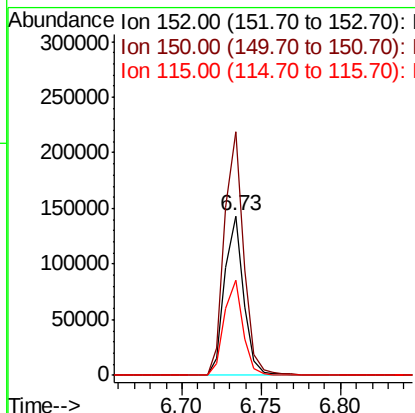
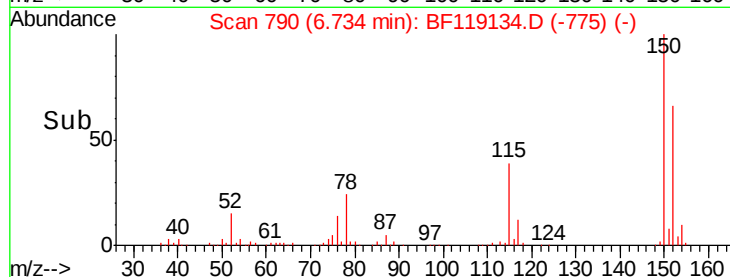
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119022
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.6
115 59.5 49.5 74.3



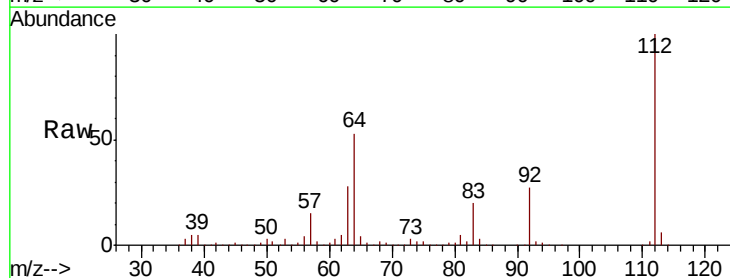
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



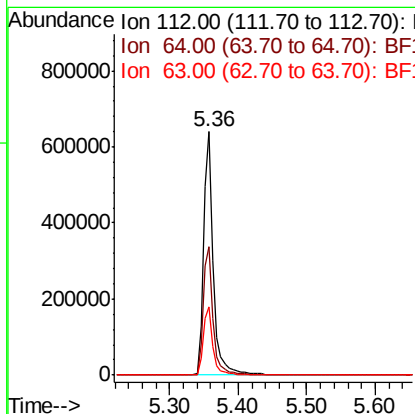
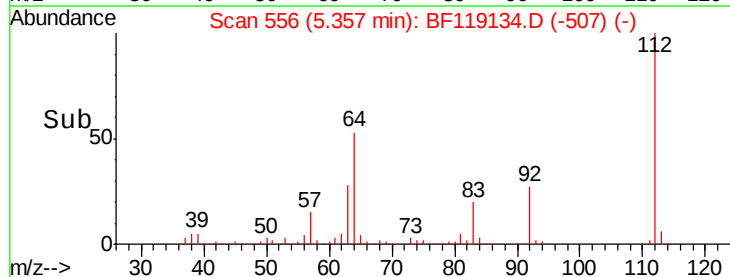
#5

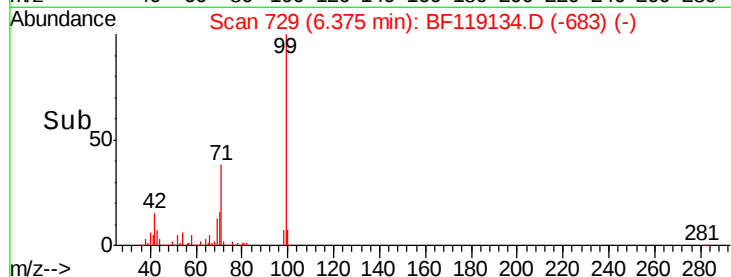
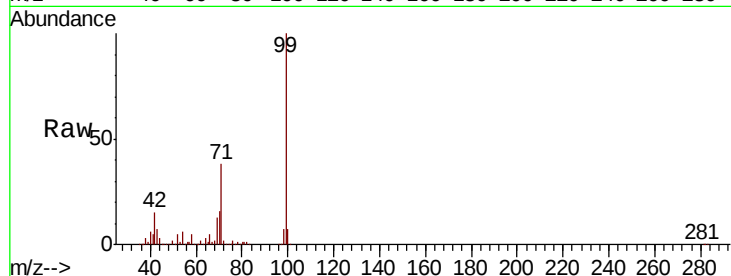
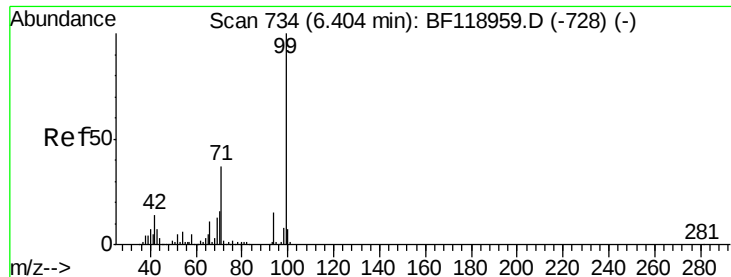
2-Fluorophenol
Concen: 91.204 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Tgt Ion:112 Resp: 649556
Ion Ratio Lower Upper
112 100
64 52.7 45.0 67.4
63 27.9 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: 90.255 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

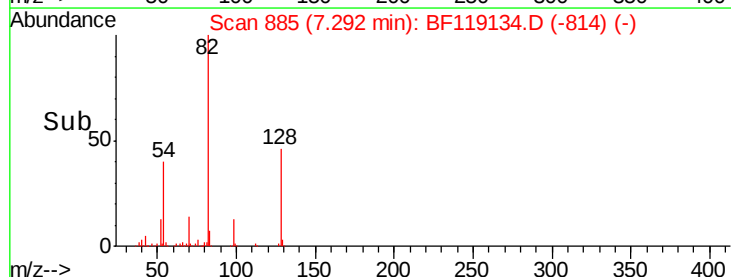
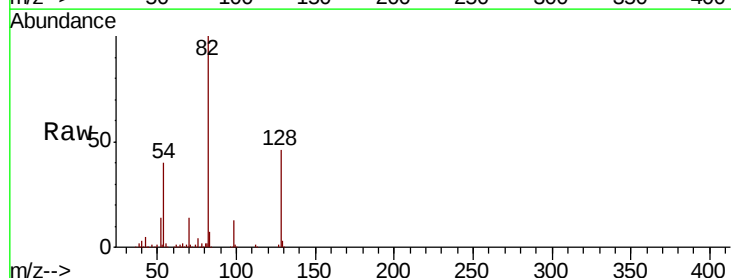
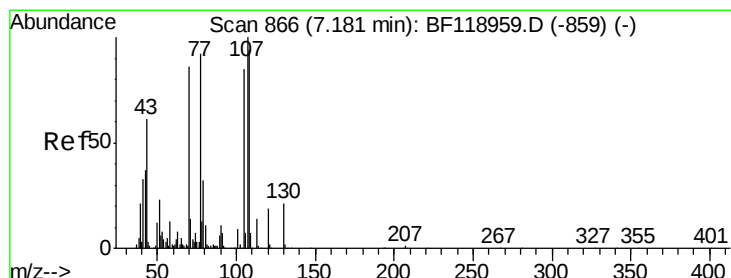
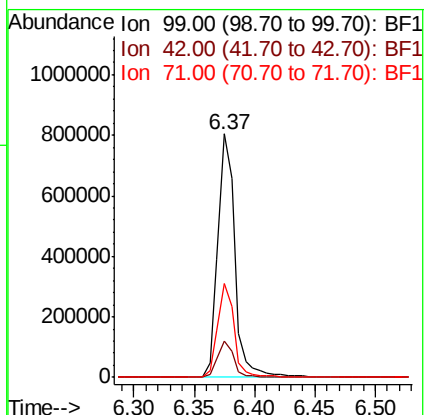
Tot Ion: 99 Resp: 781761

Ion Ratio Lower Upper

99 100

42 14.9 12.6 18.8

71 38.5 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.925 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.12 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Tgt Ion: 70 Resp: 70284

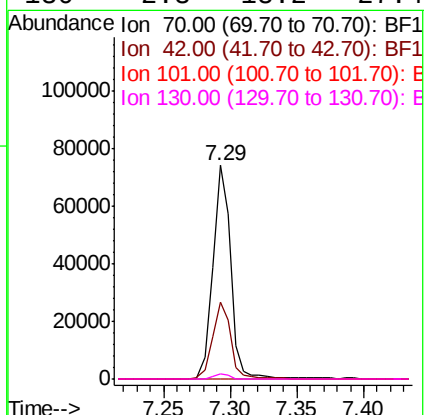
Ion Ratio Lower Upper

70 100

42 36.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

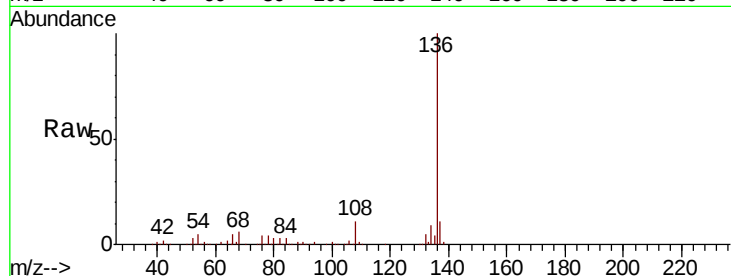




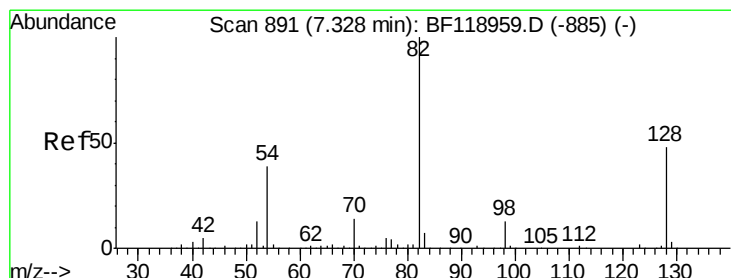
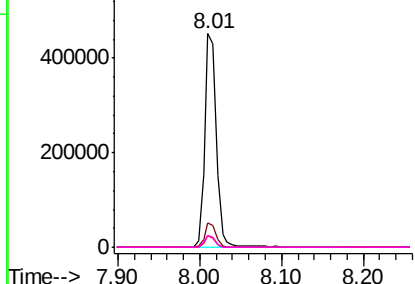
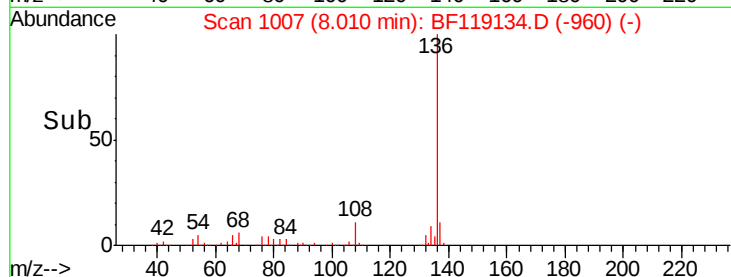
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	450594
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.8 13.2
54	5.5	3.8 5.6
68	5.7	3.9 5.9

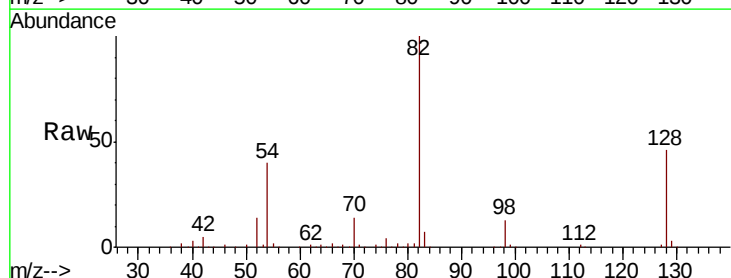


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

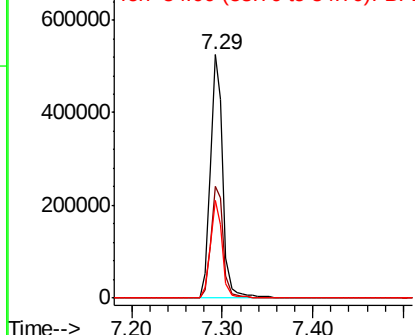
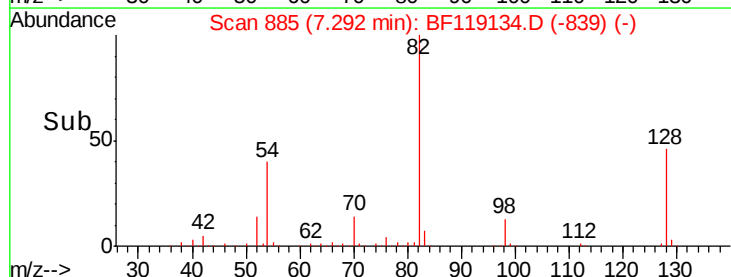


#23
Nitrobenzene-d5
Concen: 59.859 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 82	Resp:	510835
Ion	Ratio	Lower Upper
82	100	
128	46.1	37.9 56.9
54	39.9	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

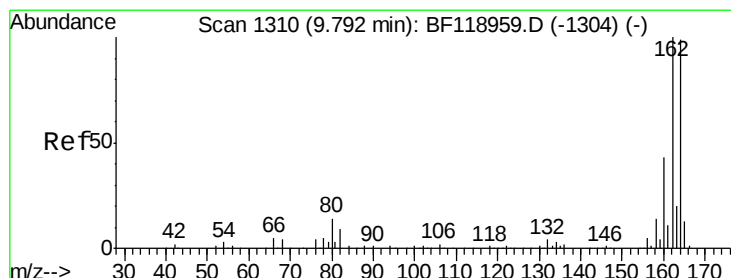
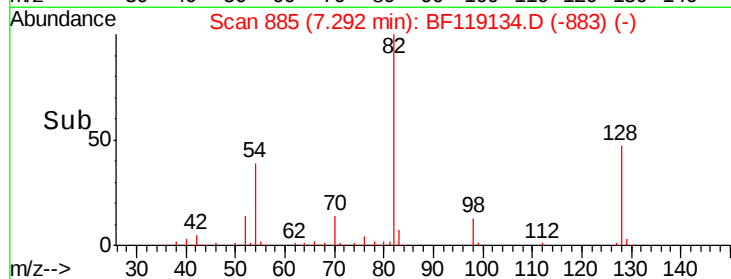
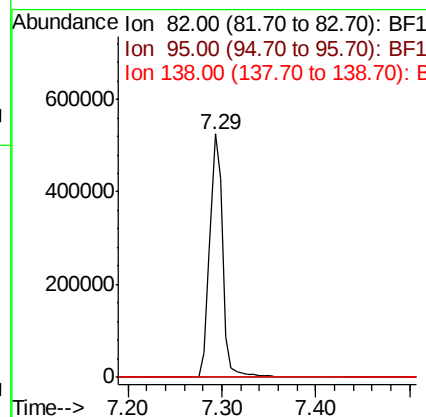
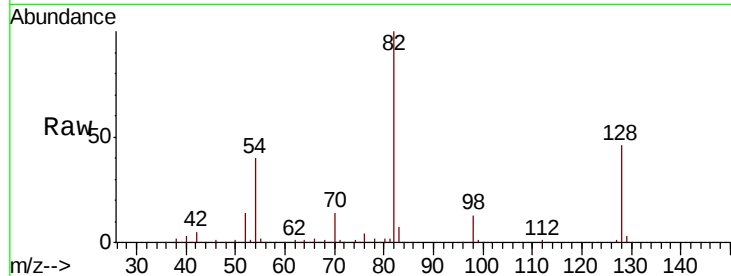




#25
Isophorone
Concen: 34.467 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

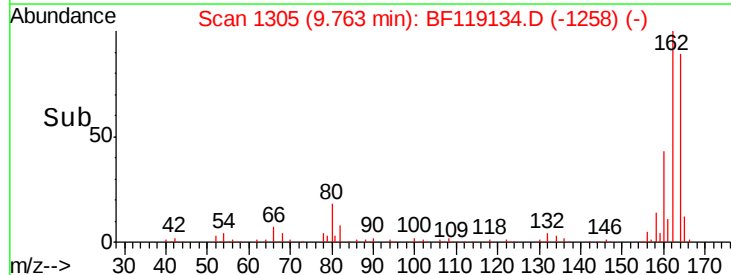
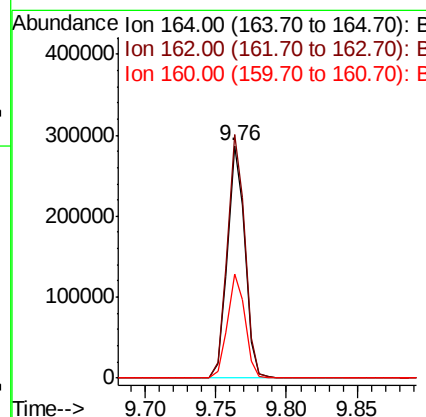
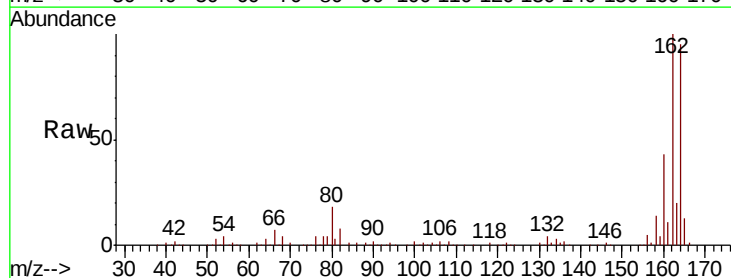
Instrument :
BNA_F
ClientSampleId :

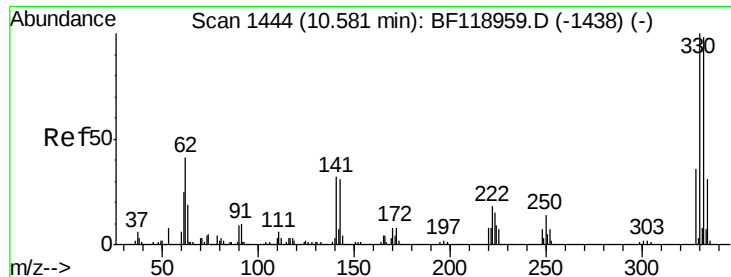
Tot Ion: 82 Resp: 510831
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 164 Resp: 247793
Ion Ratio Lower Upper
164 100
162 104.9 81.8 122.8
160 45.0 36.0 54.0

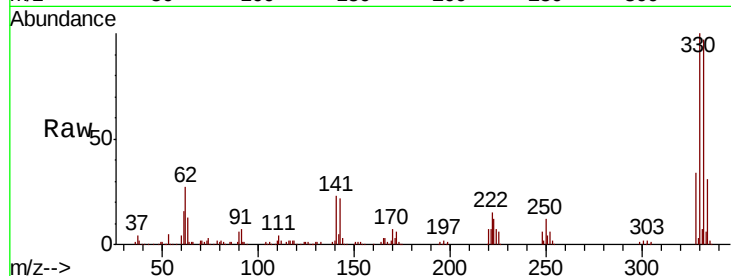




#42
 2,4,6-Tribromophenol
 Concen: 90.731 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	30.1	22.9	34.3

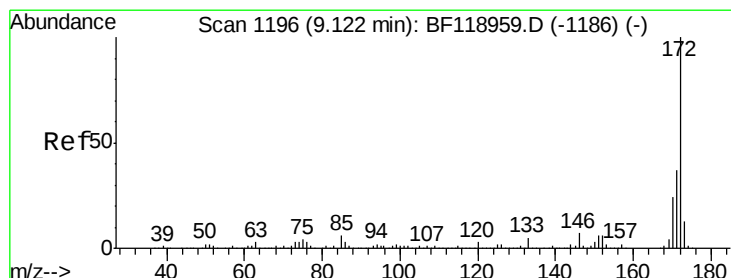
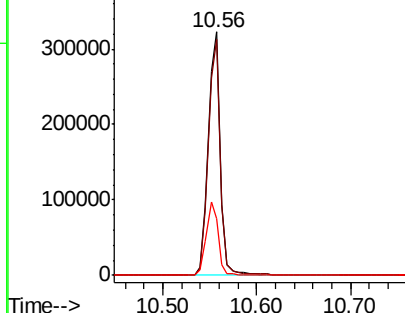
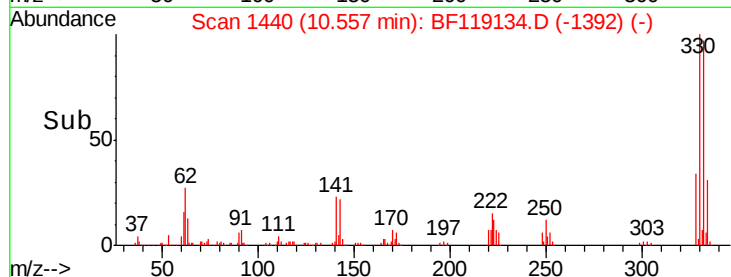


Abundance

Ion 329.80 (329.50 to 330.50): E

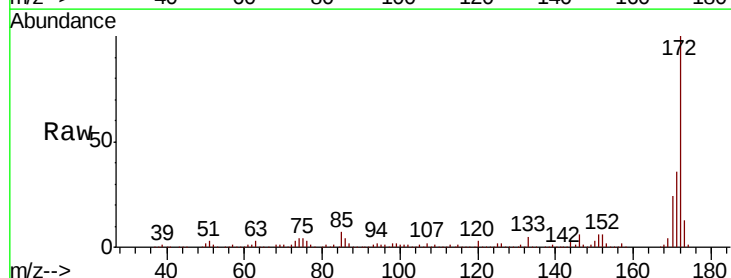
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.416 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.6	45.8
170	23.7	20.2	30.2

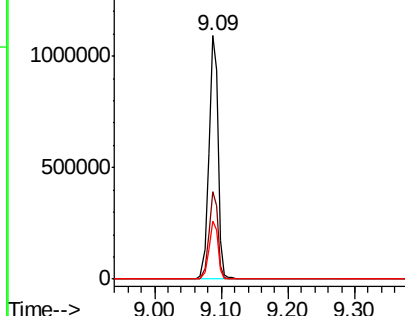
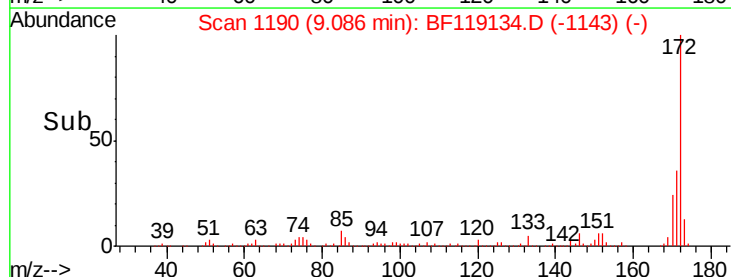


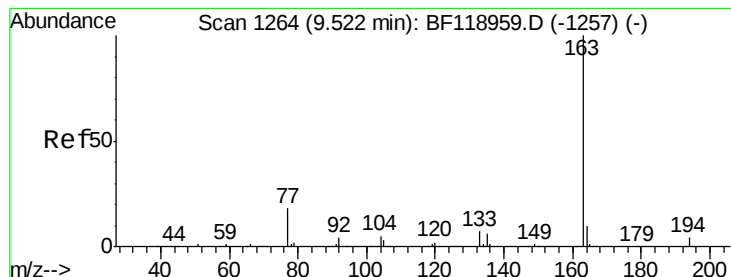
Abundance

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: 10.336 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampled :

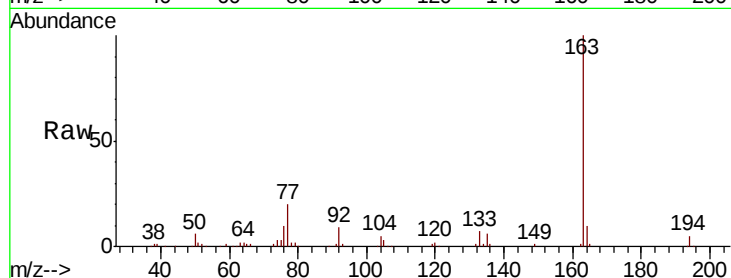
Tot Ion:163 Resp: 195850

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.9 8.4 12.6

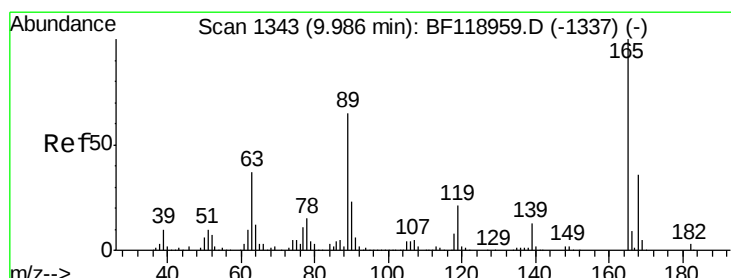
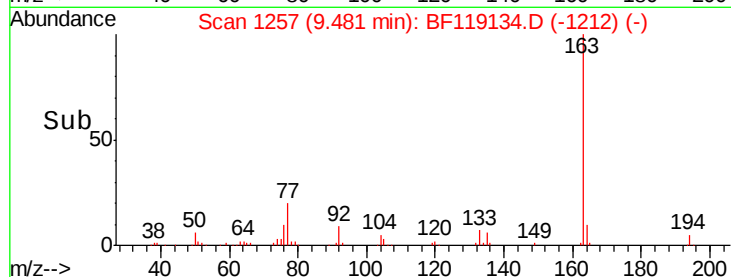
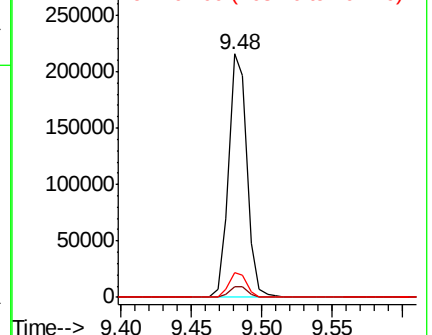


Abundance

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: 5.999 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Tgt Ion:165 Resp: 32735

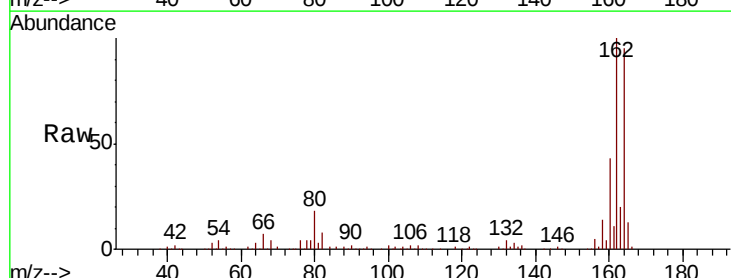
Ion Ratio Lower Upper

165 100

63 0.9 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#



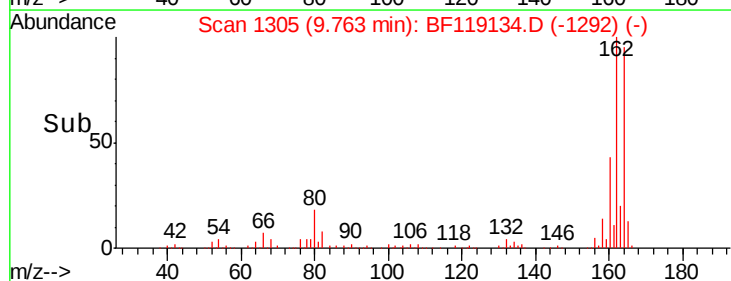
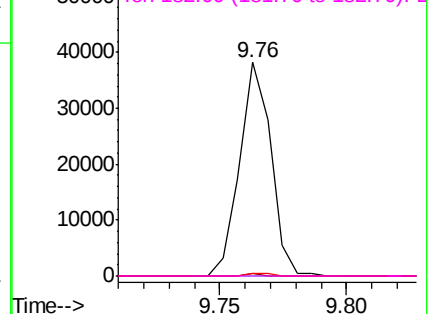
Abundance

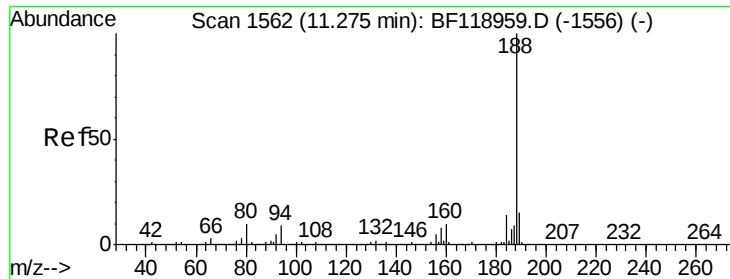
Ion 165.00 (164.70 to 165.70): E

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

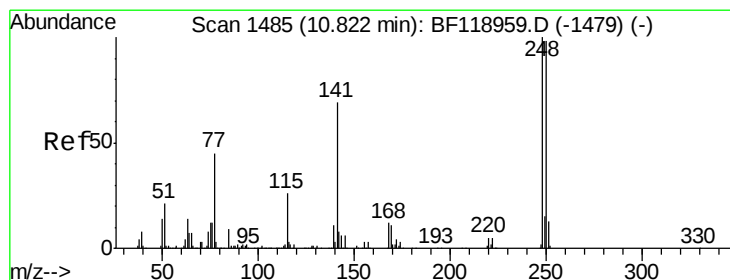
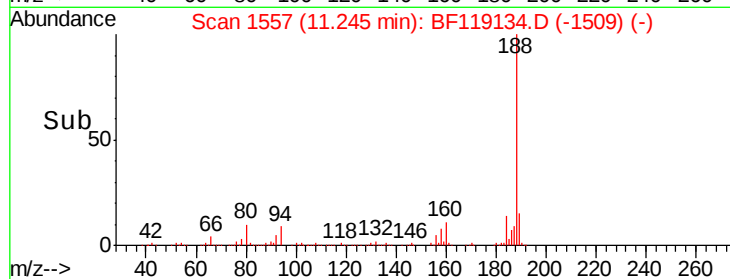
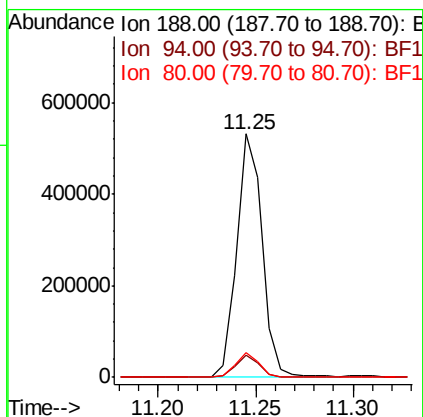
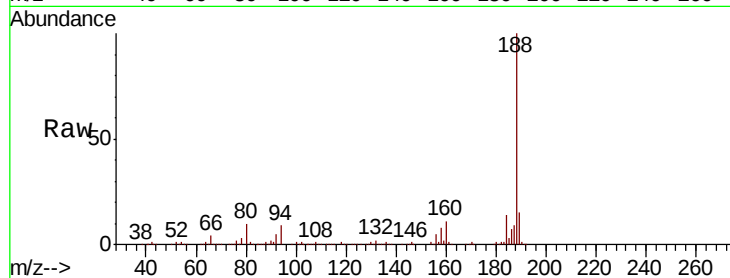




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

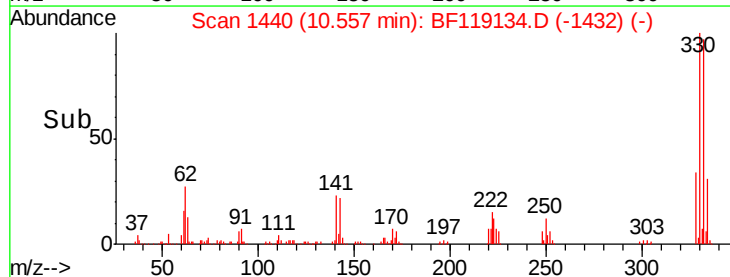
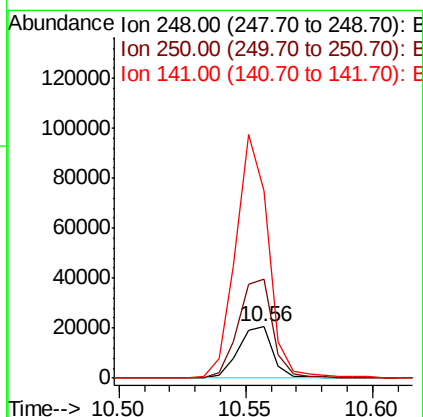
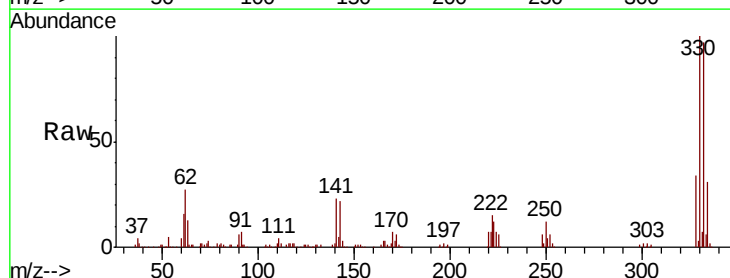
Instrument :
 BNA_F
 ClientSampleId :

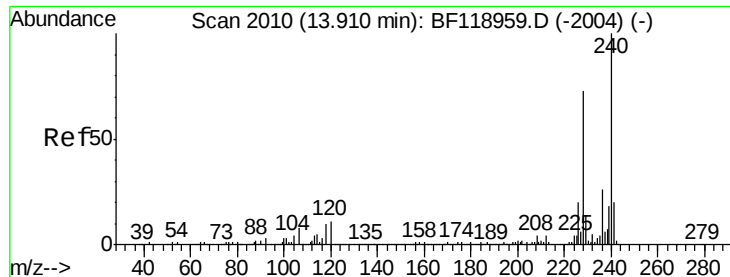
Tot Ion:188 Resp: 480385
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.1 10.7
 80 10.0 7.8 11.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.086 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:248 Resp: 19379
 Ion Ratio Lower Upper
 248 100
 250 193.2 76.7 115.1#
 141 365.4 60.7 91.1#

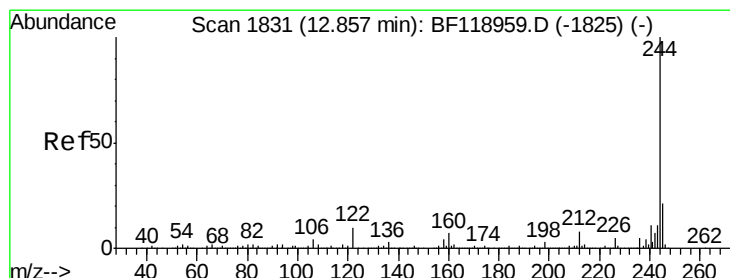
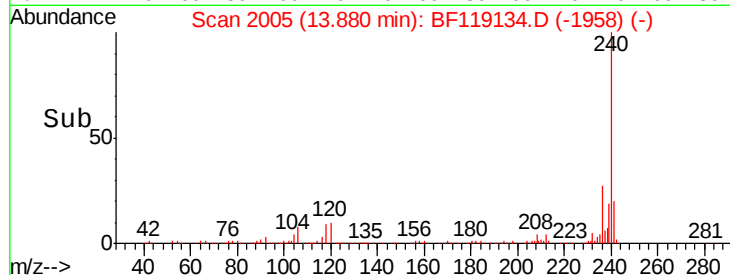
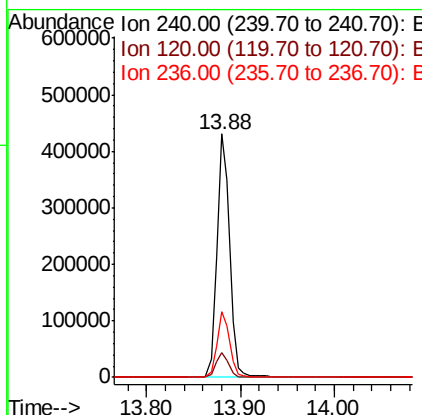
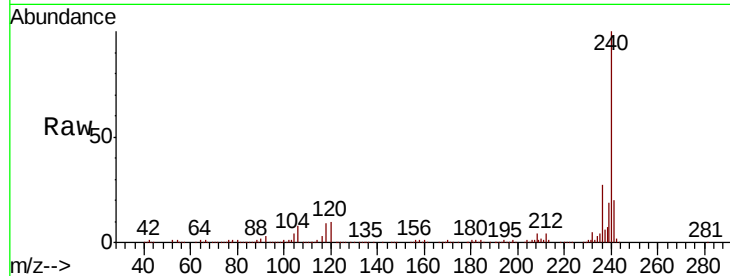




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

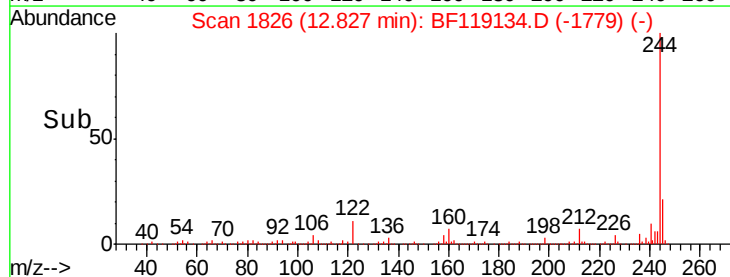
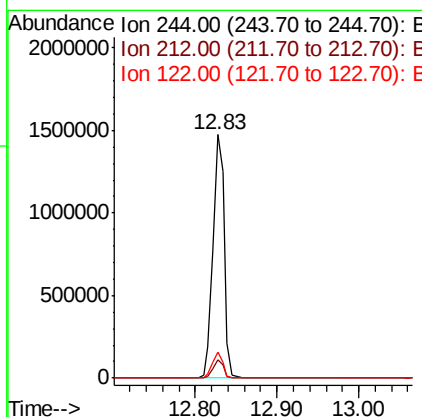
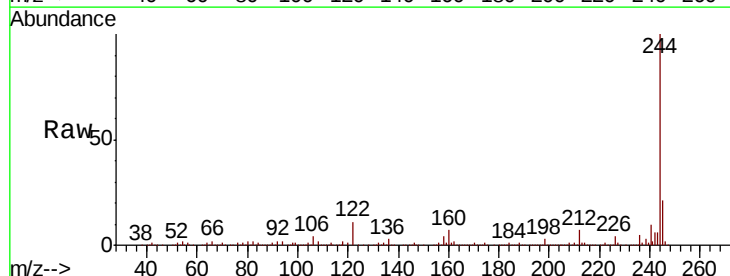
Instrument :
 BNA_F
 ClientSampled :

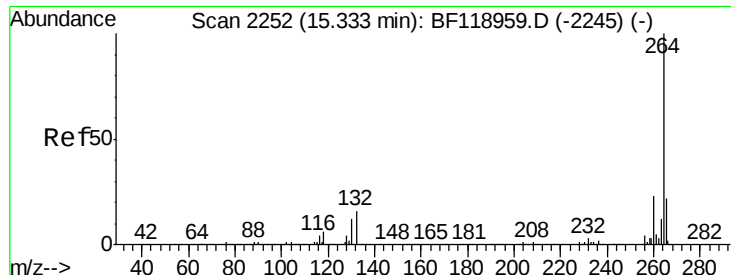
Tot Ion:240 Resp: 412199
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 27.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 58.561 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:244 Resp: 1402050
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 10.6 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.7	26.5

