

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119151.D
 Acq On : 29 Feb 2020 1:14
 Operator : CG/JU
 Sample : L1718-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 02 02:43:27 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

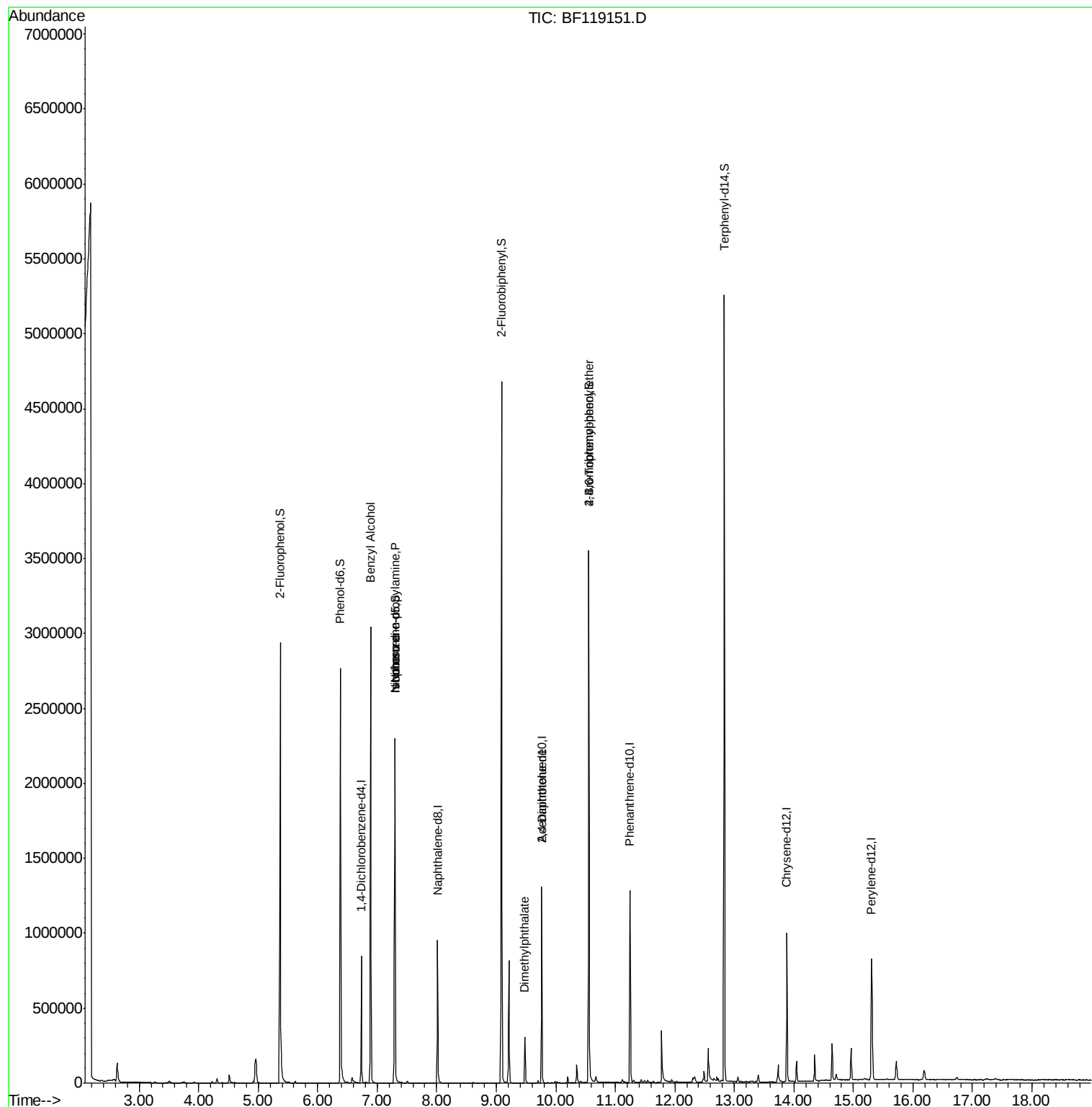
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125814	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	491761	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	272393	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	513780	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	335770	20.00	ng	-0.02
87) Perylene-d12	15.30	264	355809	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	933692	124.02	ng	0.00
7) Phenol-d6	6.38	99	1060292	115.80	ng	-0.02
23) Nitrobenzene-d5	7.30	82	802634	86.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	462394	129.76	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1539067	83.24	ng	-0.02
79) Terphenyl-d14	12.83	244	1939964	99.47	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13814	2.088	ng	# 48
19) n-Nitroso-di-n-propylamine	7.30	70	110176	20.651	ng	# 76
25) Isophorone	7.30	82	793973	49.086	ng	# 63
50) Dimethylphthalate	9.49	163	137425	6.598	ng	98
57) 2,4-Dinitrotoluene	9.76	165	34762	5.795	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	30085	4.480	ng	# 1

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

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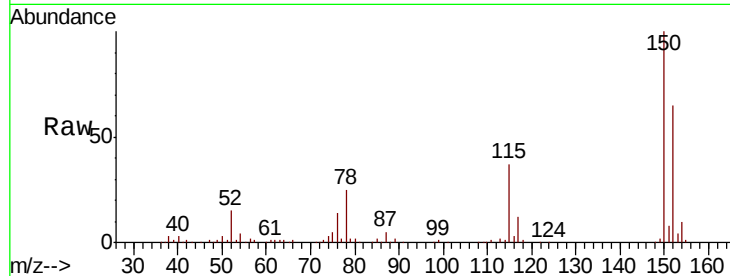


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.0	184.6
115	58.0	49.5	74.3

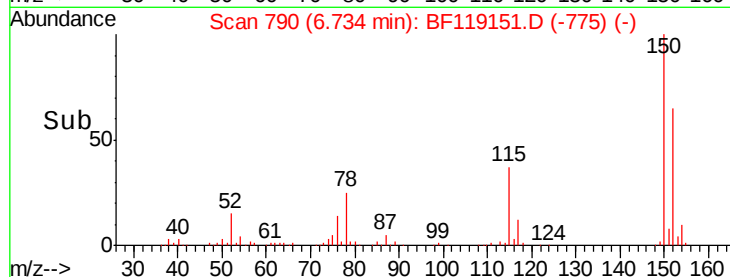
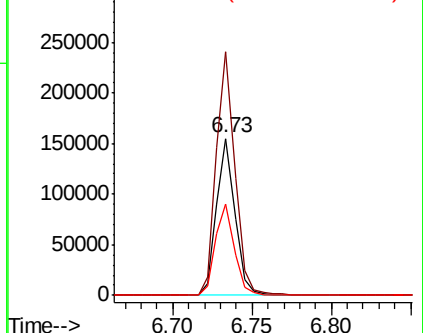


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

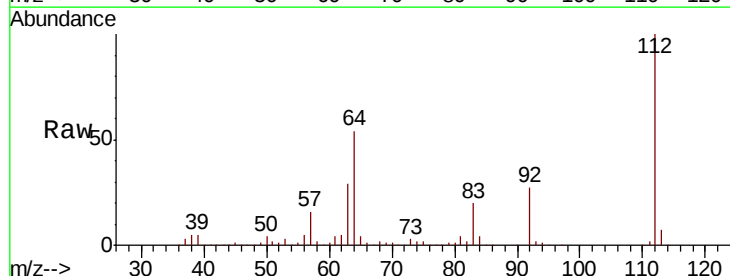
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 124.022 ng
 RT: 5.37 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.0	67.4
63	29.1	24.2	36.4

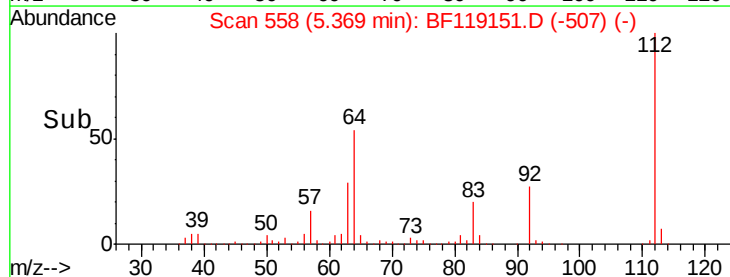
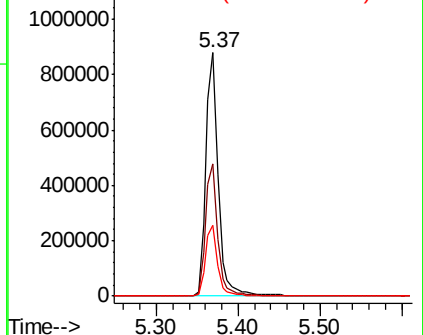


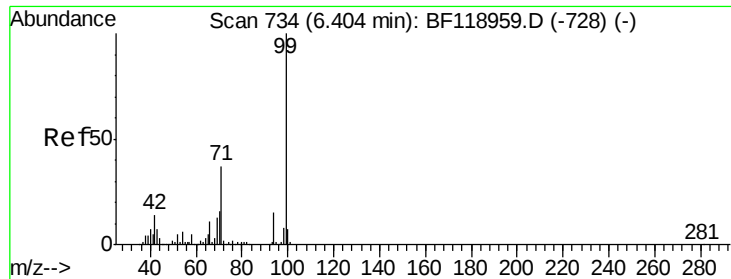
Abundance

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: 115.803 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119151.D

Acq: 29 Feb 2020 1:14

Instrument :

BNA_F

ClientSampleId :

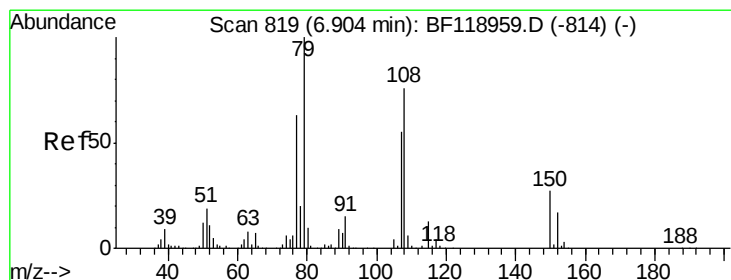
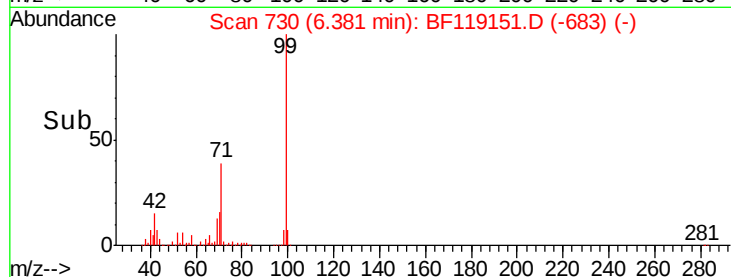
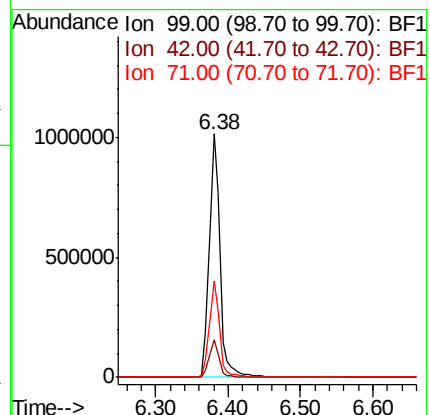
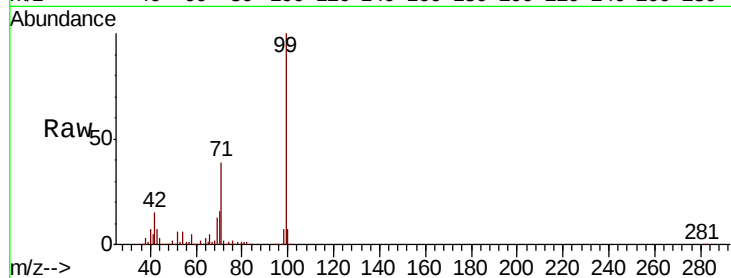
Tot Ion: 99 Resp: 1060292

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

71 39.4 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.088 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119151.D

Acq: 29 Feb 2020 1:14

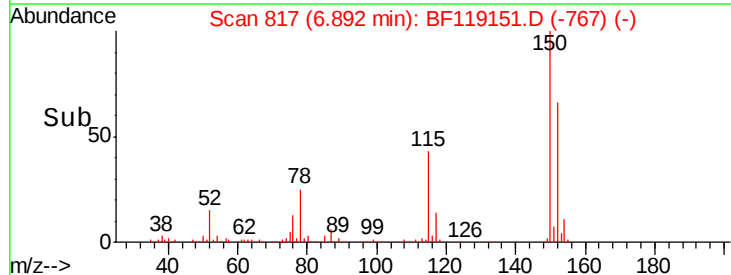
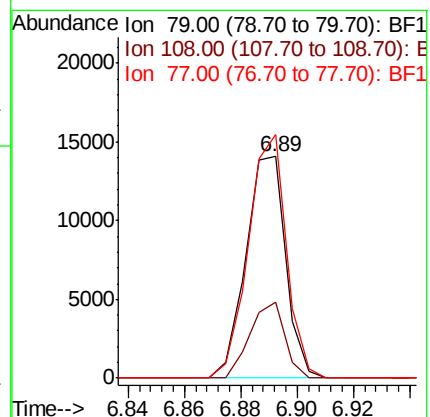
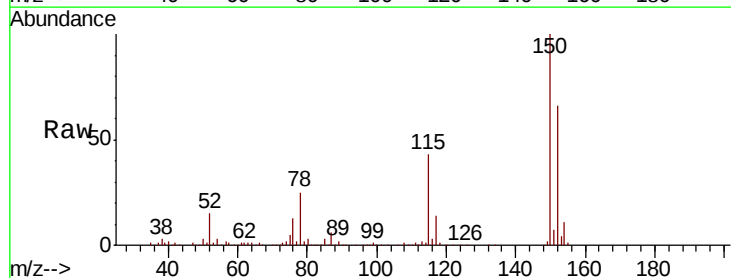
Tgt Ion: 79 Resp: 13814

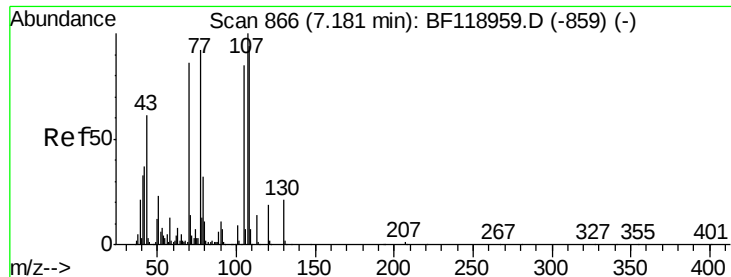
Ion Ratio Lower Upper

79 100

108 34.3 58.2 87.2#

77 109.8 51.2 76.8#

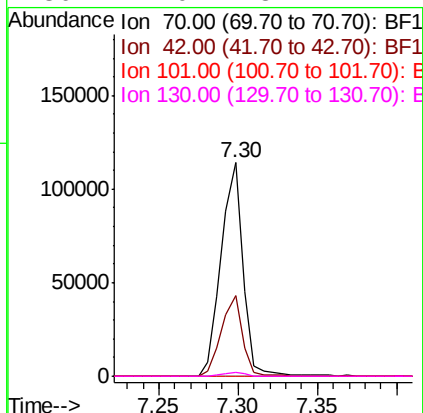
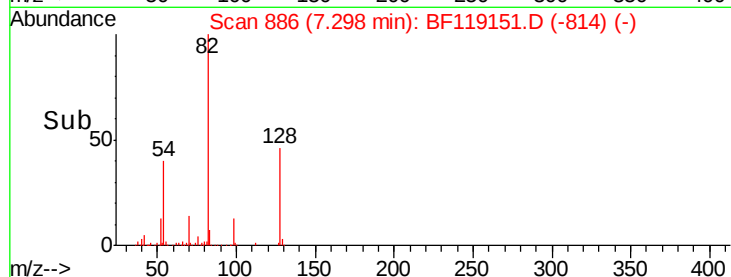
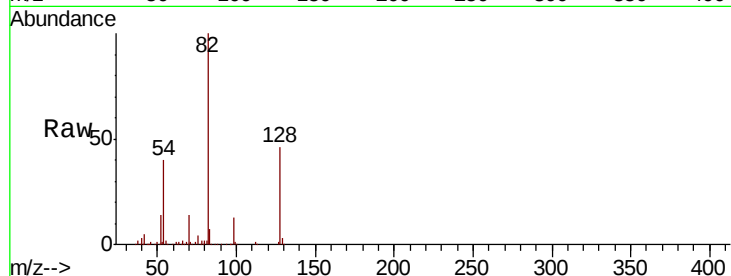




#19
n-Nitroso-di-n-propylamine
Concen: 20.651 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

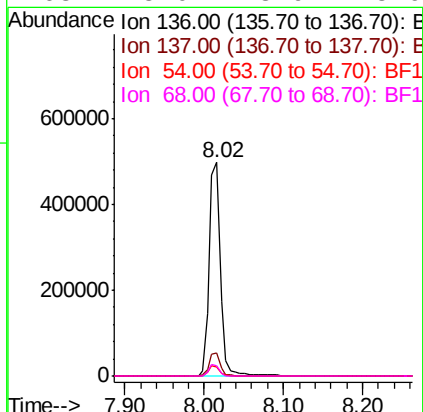
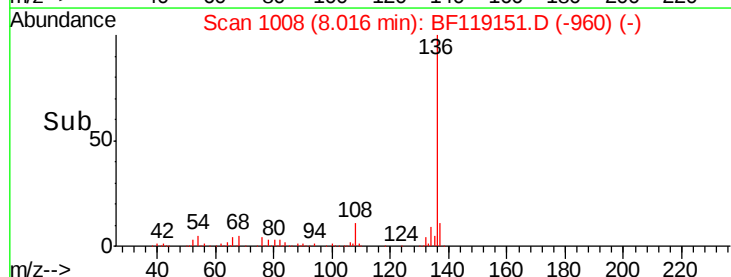
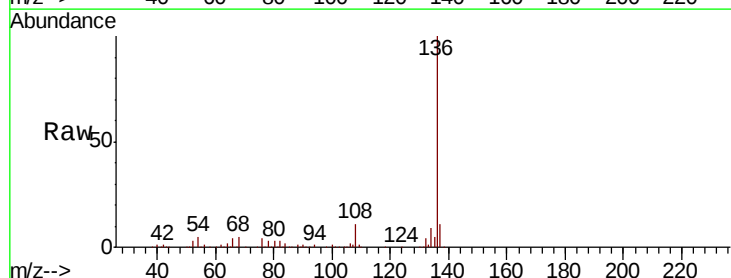
Instrument :
BNA_F
ClientSampleId :

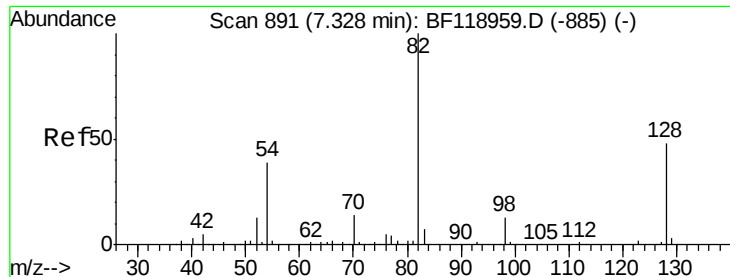
Tot Ion: 70 Resp: 110176
Ion Ratio Lower Upper
70 100
42 37.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

Tgt Ion: 136 Resp: 491761
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.5 3.8 5.6
68 5.0 3.9 5.9

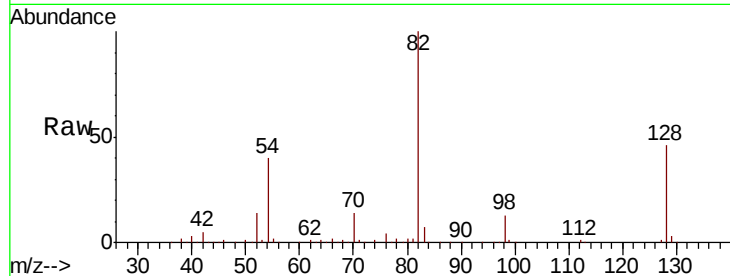




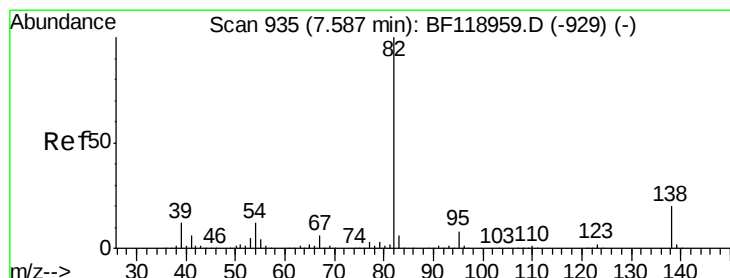
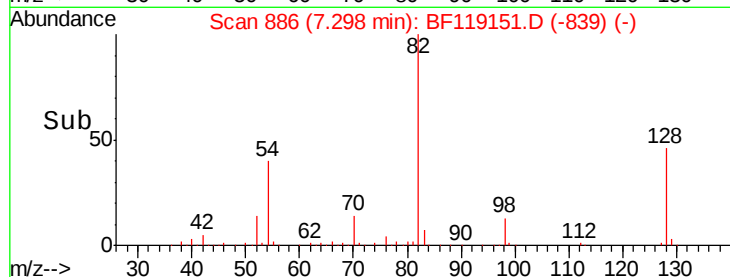
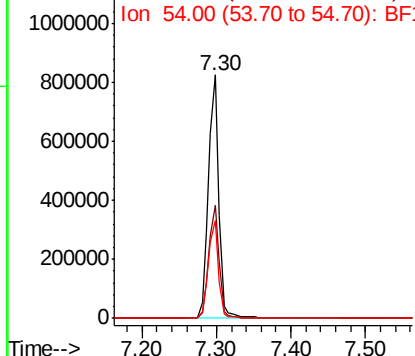
#23
Nitrobenzene-d5
Concen: 86.178 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 802634
Ion Ratio Lower Upper
82 100
128 46.2 37.9 56.9
54 40.1 33.4 50.2

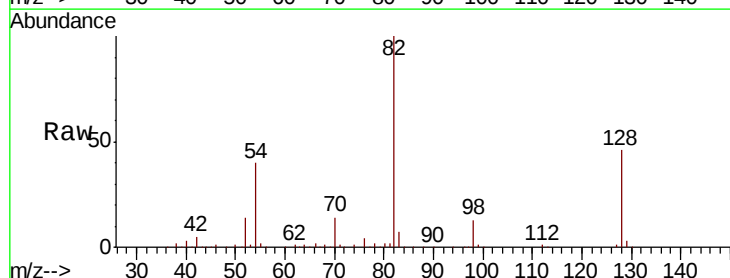


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

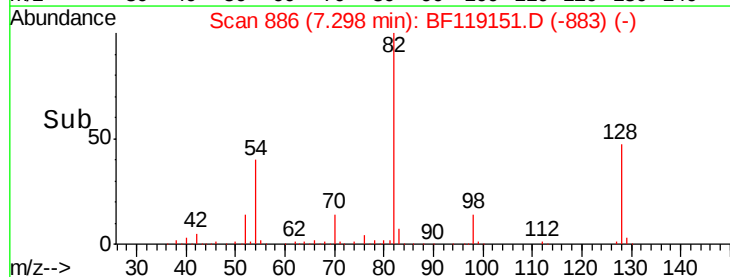
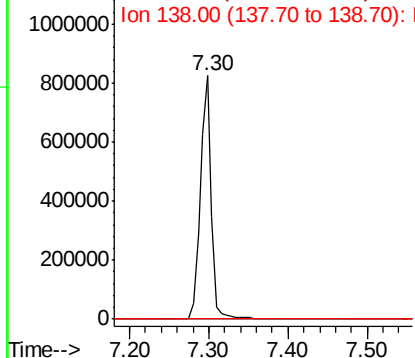


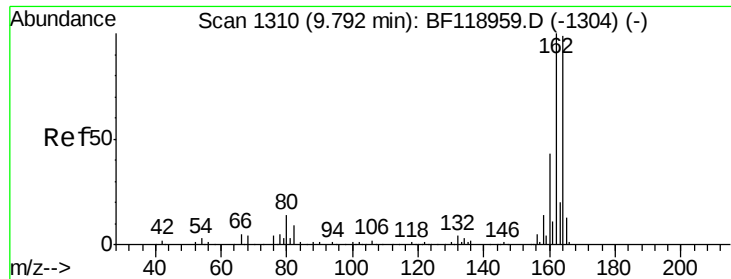
#25
Isophorone
Concen: 49.086 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

Tgt Ion: 82 Resp: 793973
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

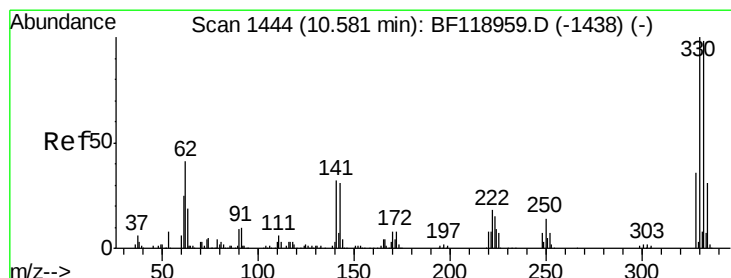
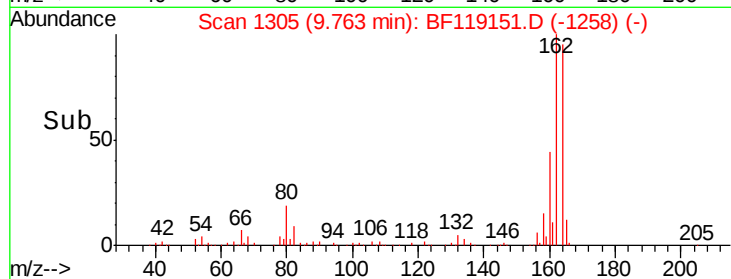
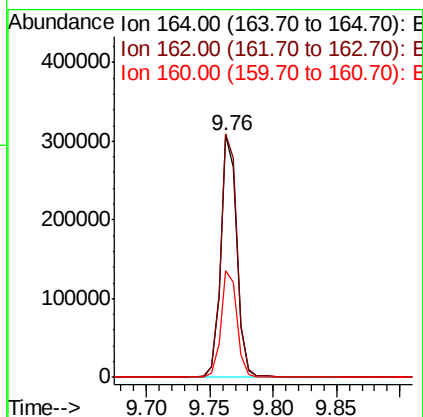
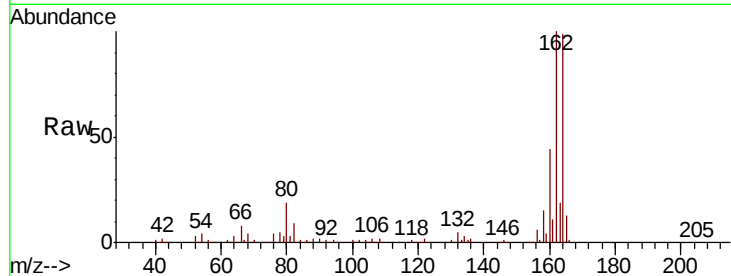




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

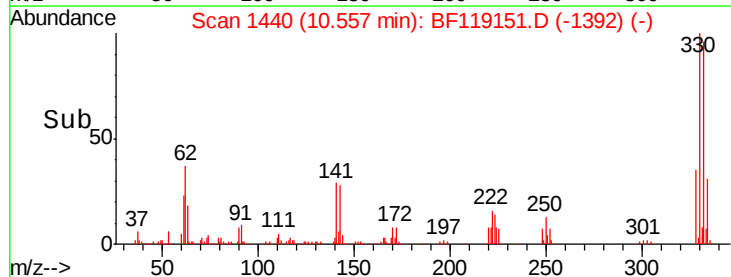
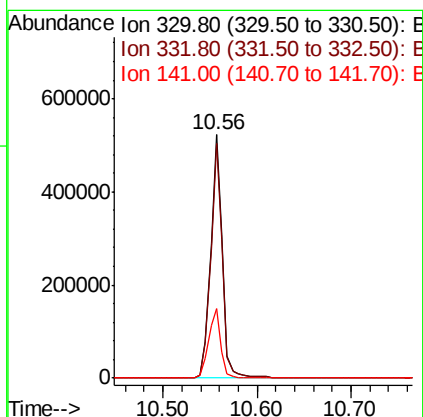
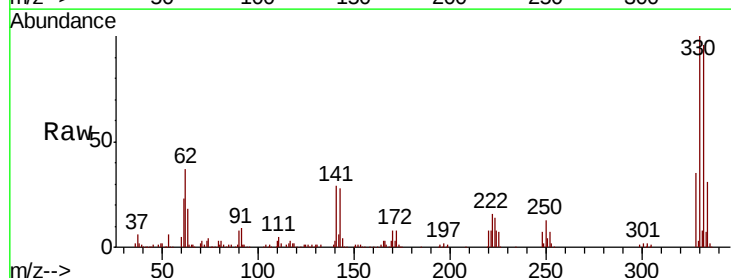
Instrument :
 BNA_F
 ClientSampleId :

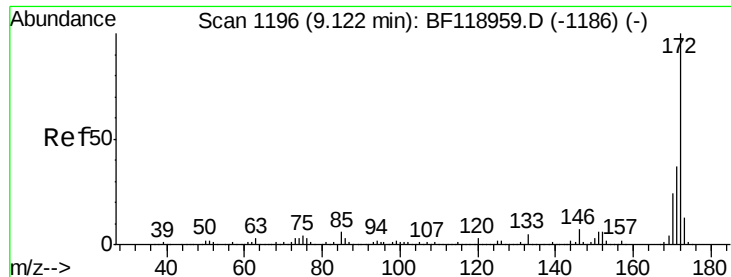
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.8
160	44.3	36.0	54.0



#42
 2,4,6-Tribromophenol
 Concen: 129.764 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	29.6	22.9	34.3



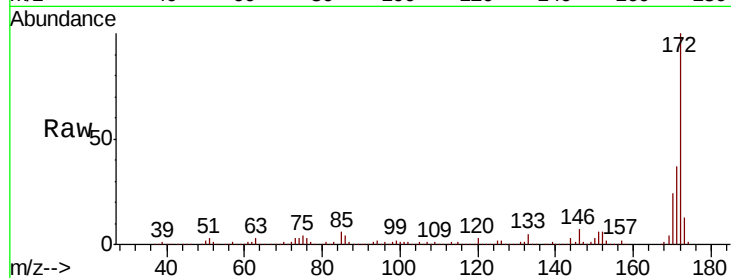


#45
 2-Fluorobiphenyl
 Concen: 83.237 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

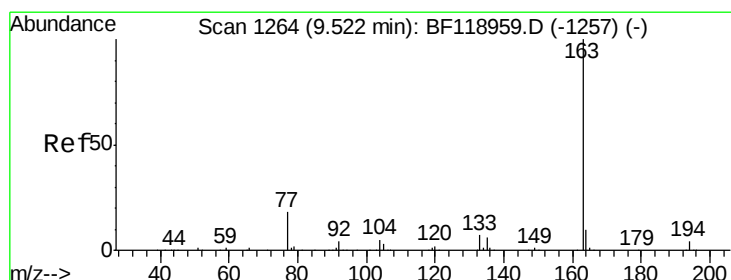
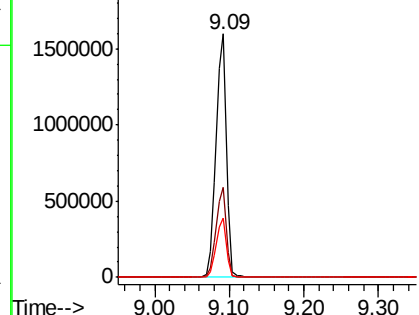
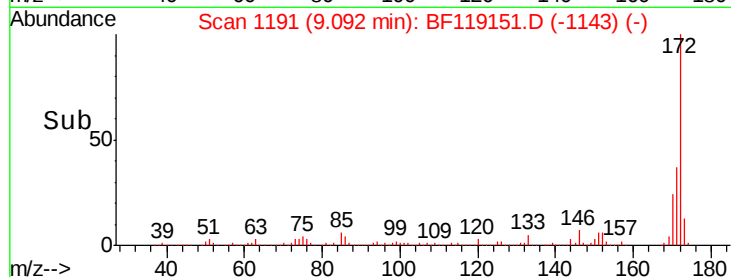
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1539067

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.3	20.2	30.2



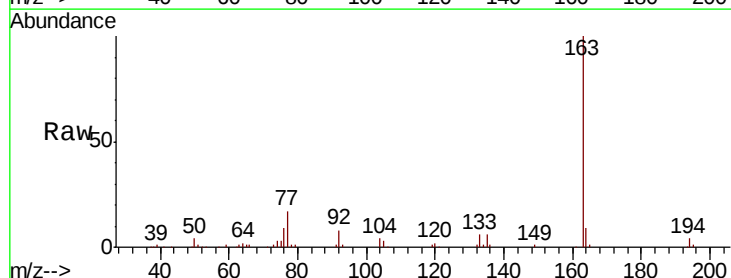
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



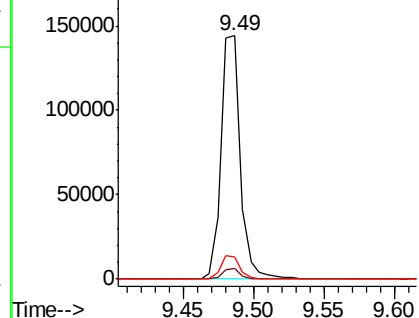
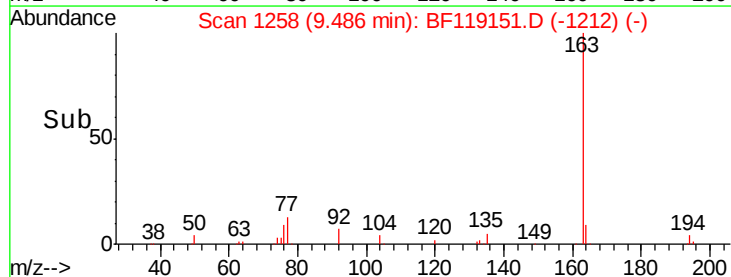
#50
 Dimethylphthalate
 Concen: 6.598 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

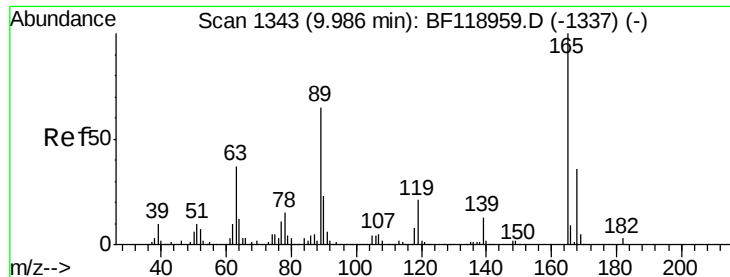
Tgt Ion:163 Resp: 137425

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.4	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: 5.795 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.22 min

Lab File: BF119151.D

Acq: 29 Feb 2020 1:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 34762

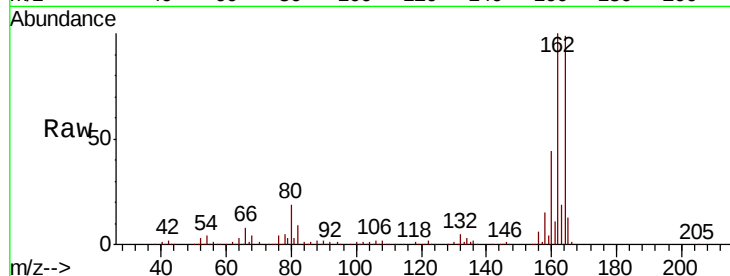
Ion Ratio Lower Upper

165 100

63 1.2 42.3 63.5#

89 1.2 60.2 90.4#

182 0.0 2.3 3.5#

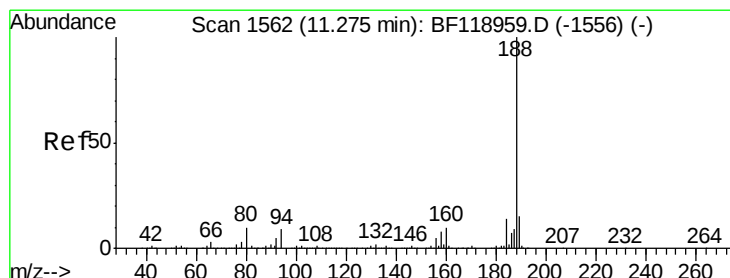
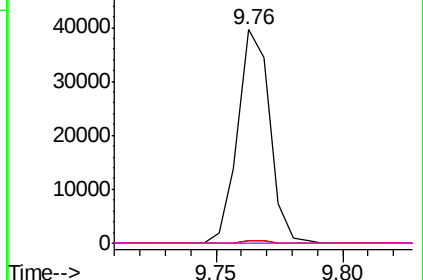
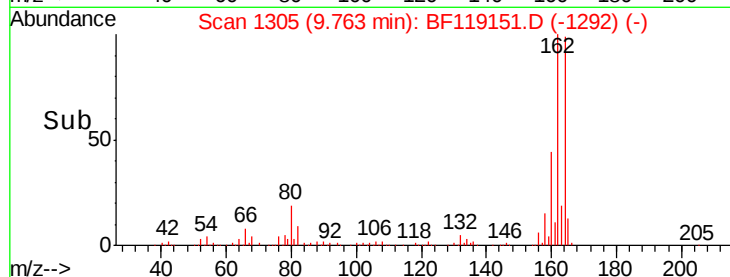


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119151.D

Acq: 29 Feb 2020 1:14

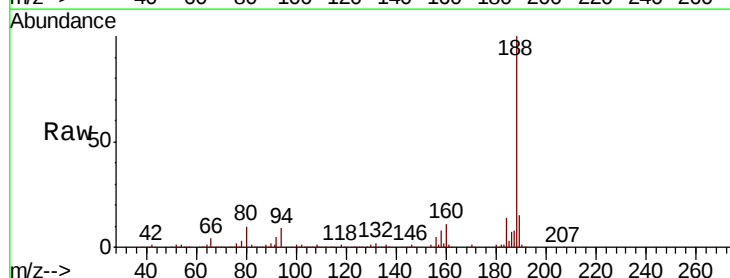
Tgt Ion:188 Resp: 513780

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

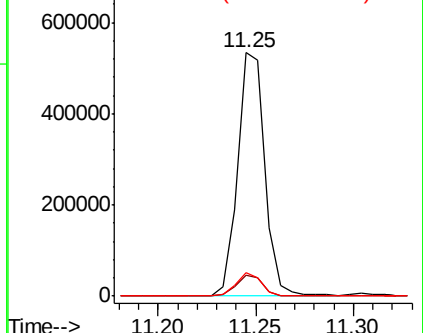
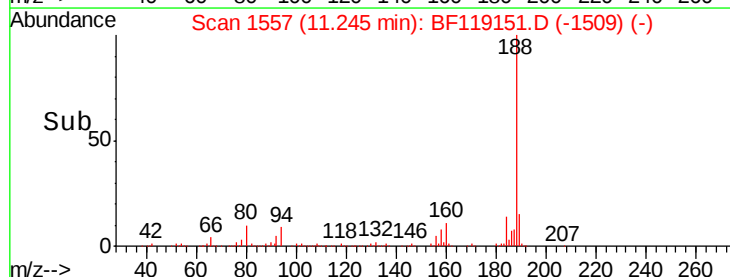
80 9.9 7.8 11.8

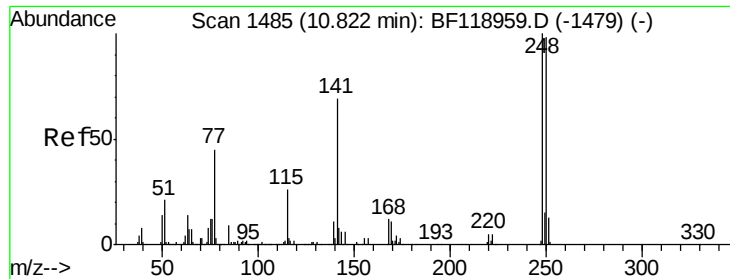


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

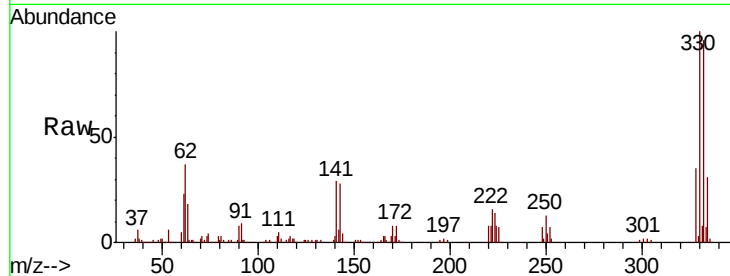




#67
4-Bromophenyl-phenylether
Concen: 4.480 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.9	76.7	115.1#
141	433.1	60.7	91.1#

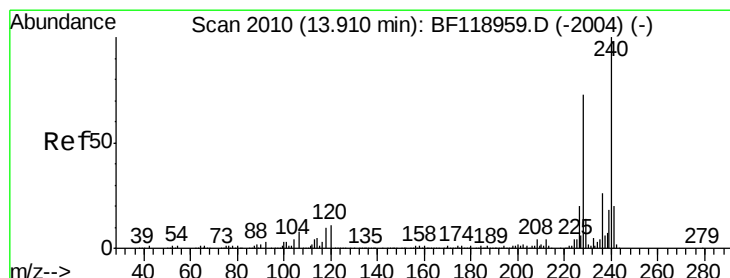
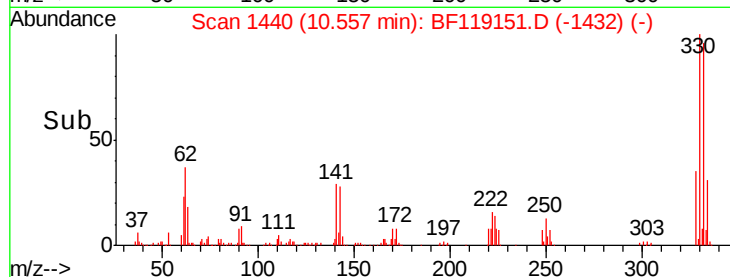
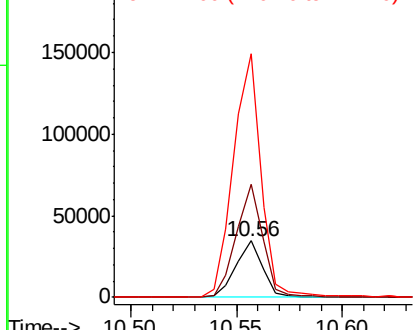


Abundance

Ion 248.00 (247.70 to 248.70): E

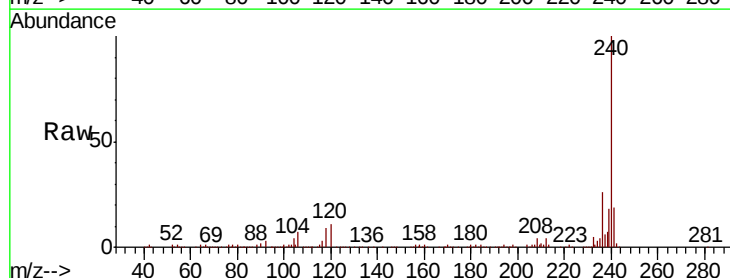
Ion 250.00 (249.70 to 250.70): E

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. -0.02 min
Lab File: BF119151.D
Acq: 29 Feb 2020 1:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.7	21.0	31.4

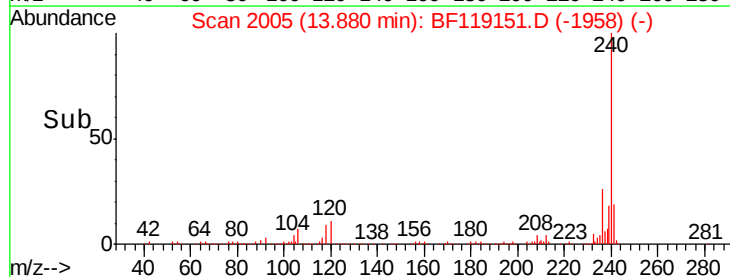
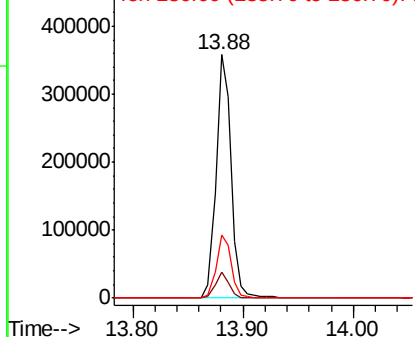


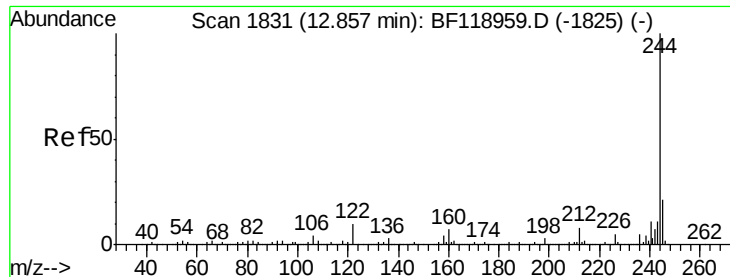
Abundance

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



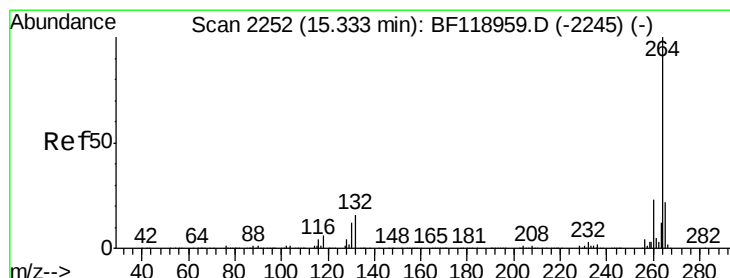
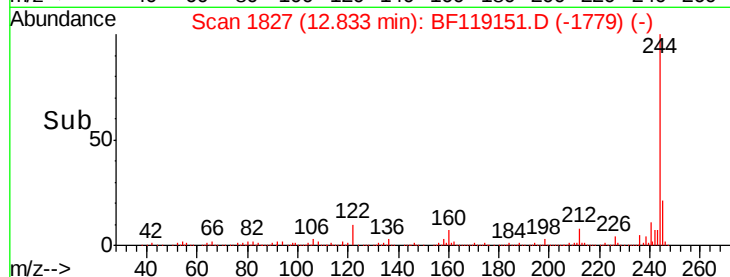
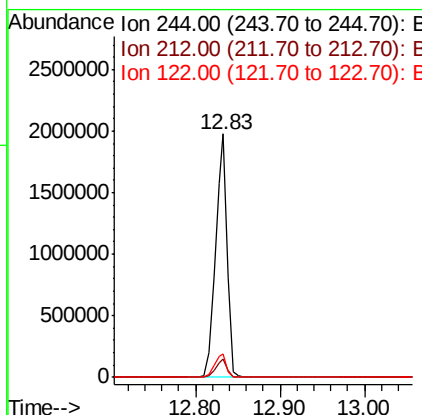
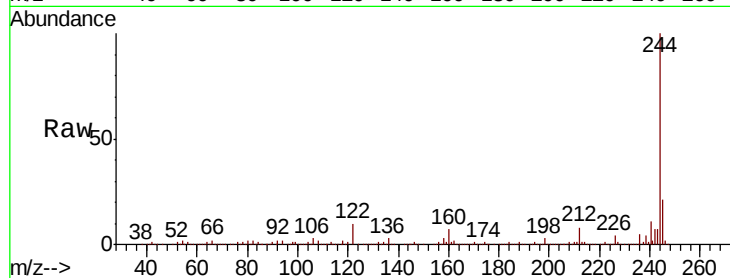


#79
 Terphenyl-d14
 Concen: 99.472 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1939964

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	9.6	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119151.D
 Acq: 29 Feb 2020 1:14

Tgt Ion:264 Resp: 355809

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.7	26.5

