

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119207.D
 Acq On : 4 Mar 2020 21:21
 Operator : CG/JU
 Sample : L1772-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:50:36 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

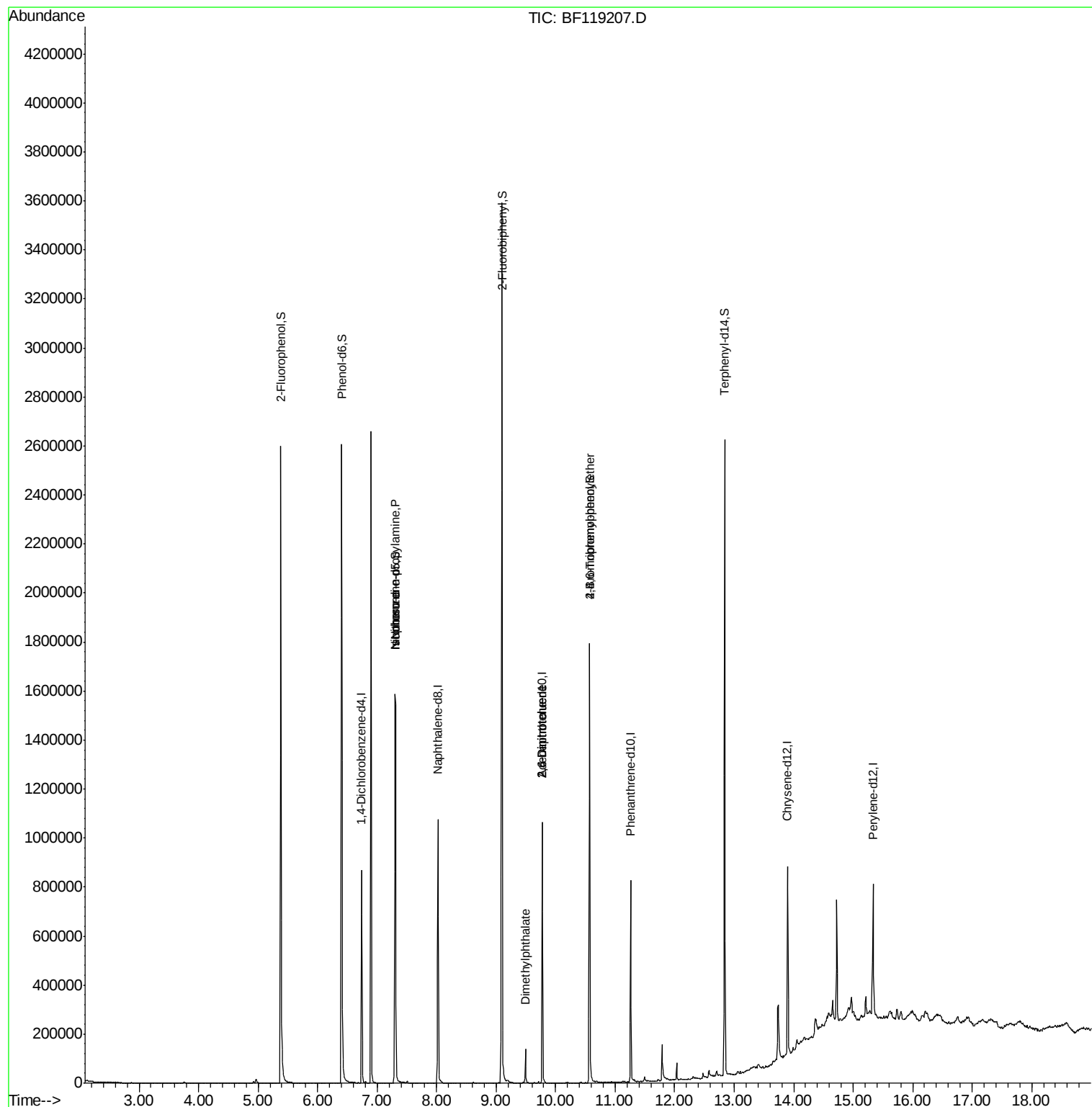
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	135151	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	482604	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	222290	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	336446	20.00	ng	0.00
76) Chrysene-d12	13.90	240	262814	20.00	ng	0.00
87) Perylene-d12	15.33	264	231433	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	819281	101.31	ng	0.01
7) Phenol-d6	6.40	99	972129	98.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	616670	67.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	233848	80.42	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1145184	75.89	ng	-0.01
79) Terphenyl-d14	12.84	244	975170	63.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	85418	14.904	ng	# 76
25) Isophorone	7.30	82	616662	38.848	ng	# 63
50) Dimethylphthalate	9.49	163	62163	3.657	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	28593	7.571	ng	# 33
57) 2,4-Dinitrotoluene	9.77	165	28593	5.841	ng	# 21
67) 4-Bromophenyl-phenylether	10.57	248	15527	3.531	ng	# 1

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

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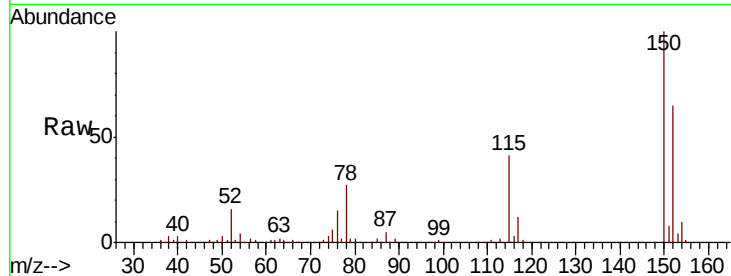


#1

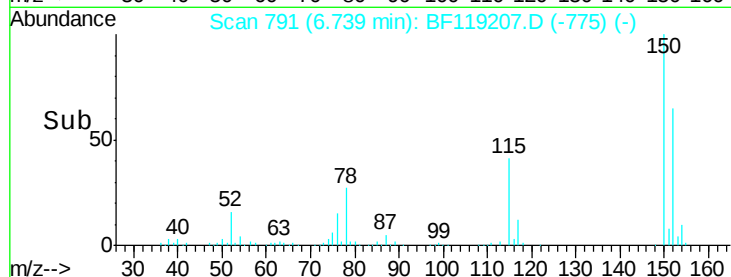
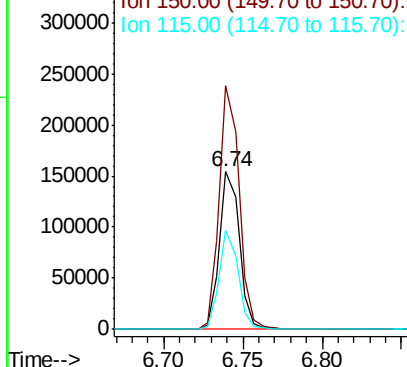
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	62.7	49.5	74.3



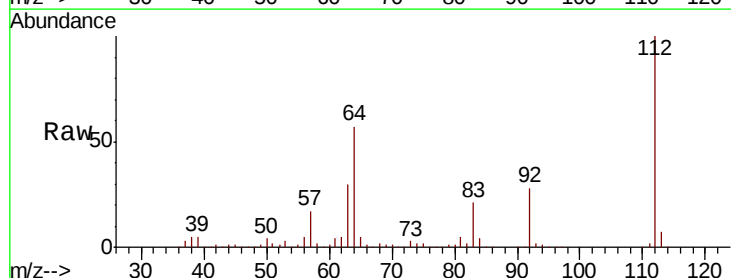
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



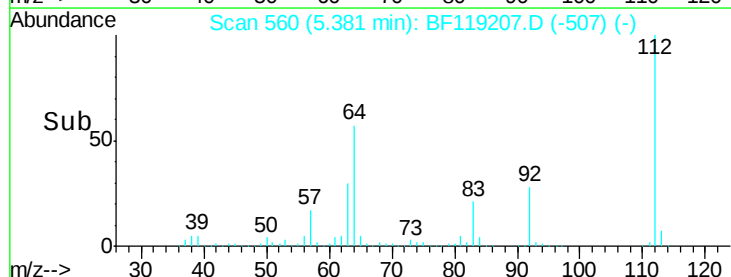
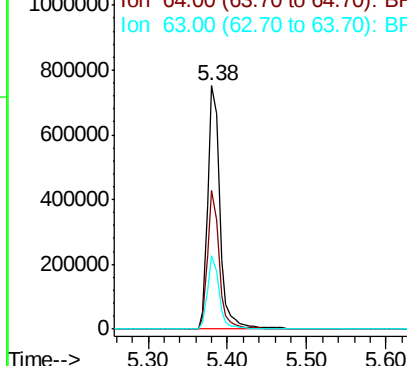
#5

2-Fluorophenol
Concen: 101.306 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.0	67.4
63	30.3	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: 98.839 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

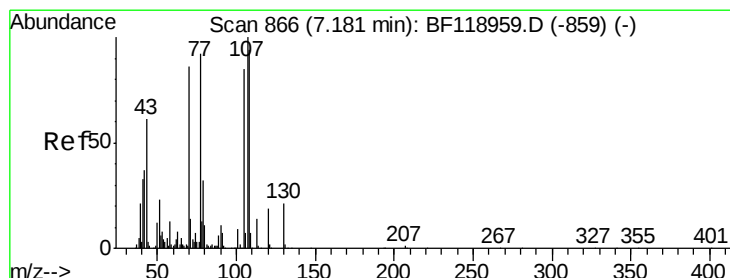
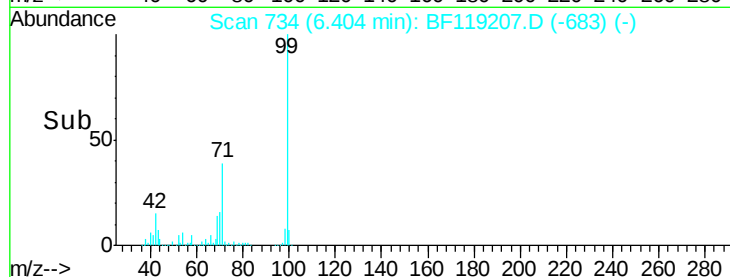
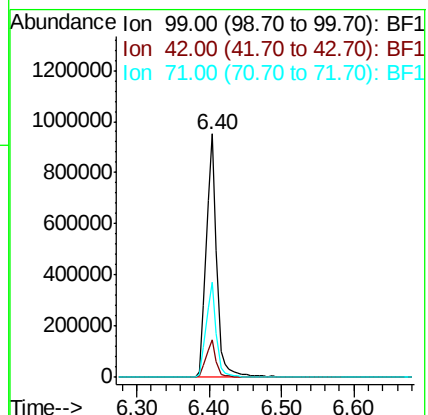
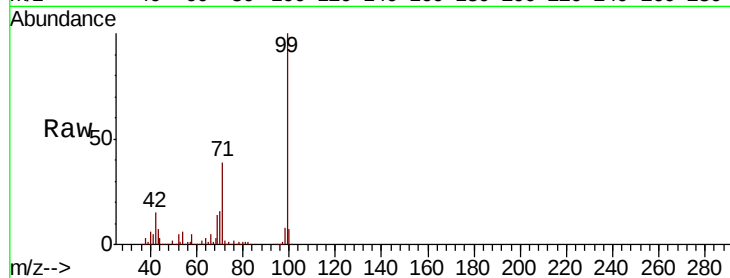
Tot Ion: 99 Resp: 972129

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.1 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.904 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Tgt Ion: 70 Resp: 85418

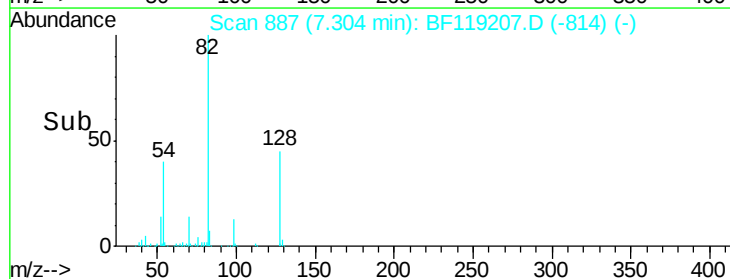
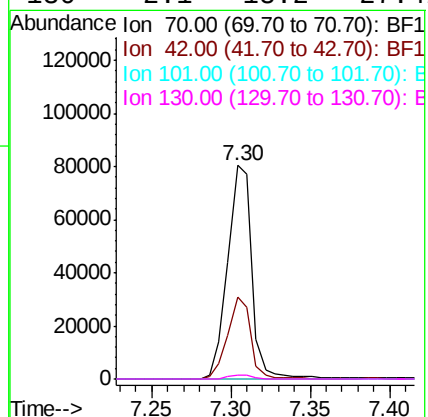
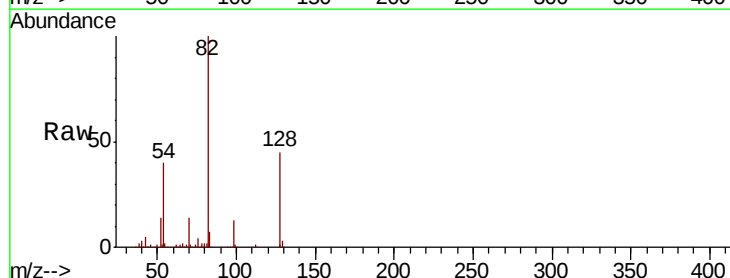
Ion Ratio Lower Upper

70 100

42 38.1 38.0 57.0

101 0.0 8.2 12.4#

130 2.1 18.2 27.4#

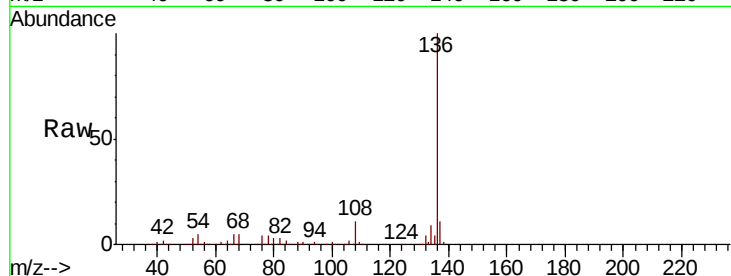




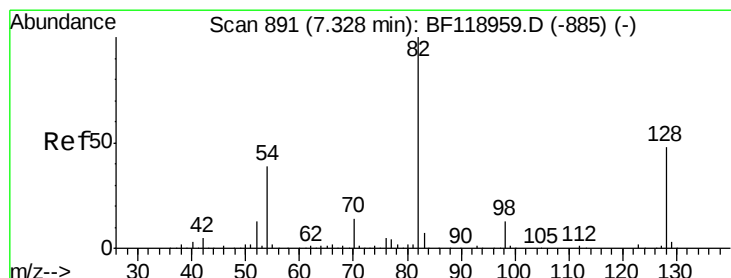
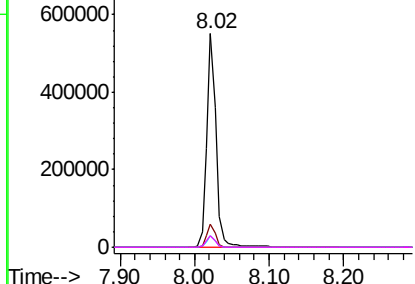
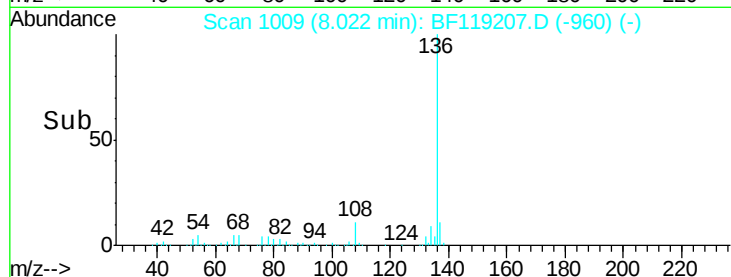
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	482604
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 5.1	3.8	5.6
68 5.4	3.9	5.9

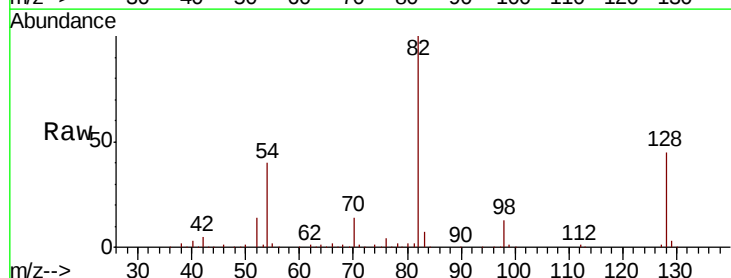


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

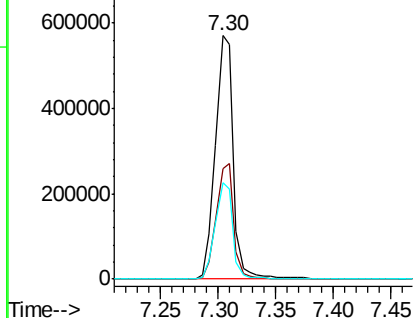
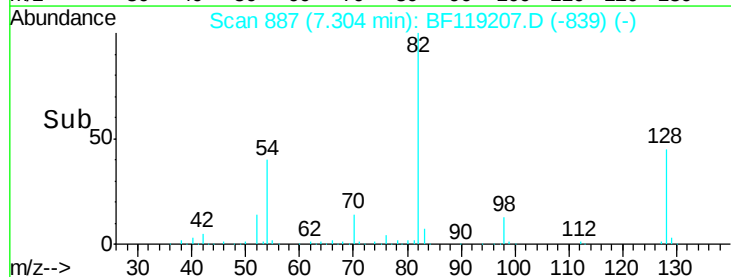


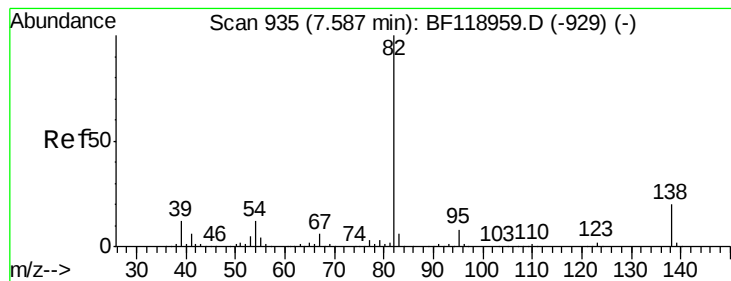
#23
Nitrobenzene-d5
Concen: 67.468 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Tgt	Ion: 82	Resp:	616670
Ion	Ratio	Lower	Upper
82	100		
128	45.4	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: 38.848 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

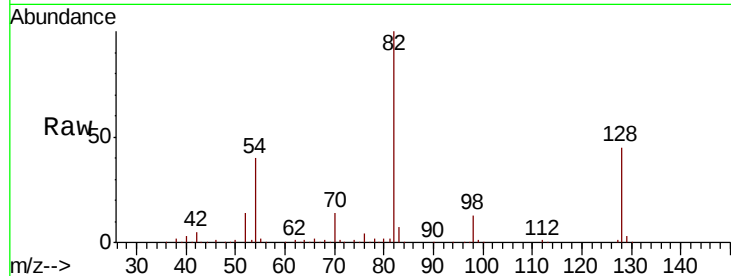
Tot Ion: 82 Resp: 616662

Ion Ratio Lower Upper

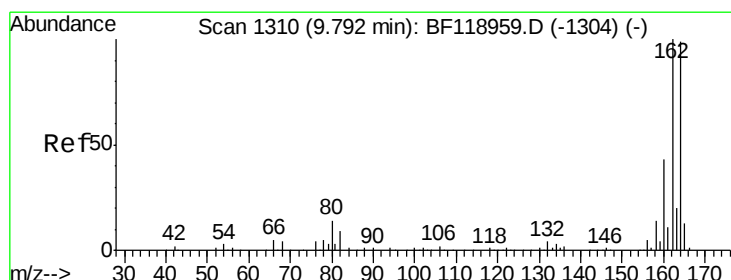
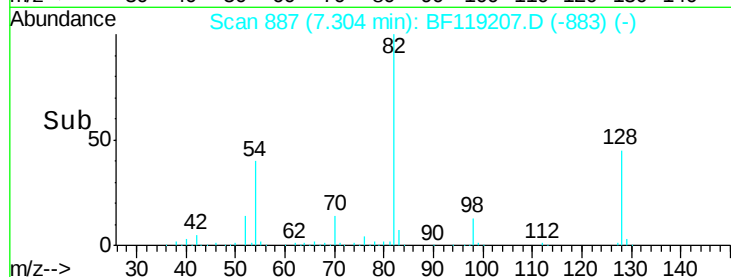
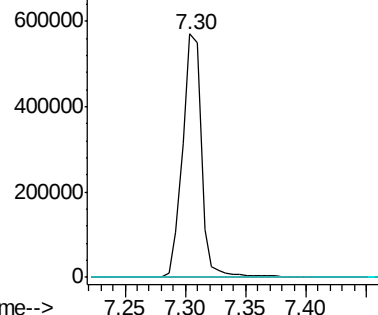
82 100

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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

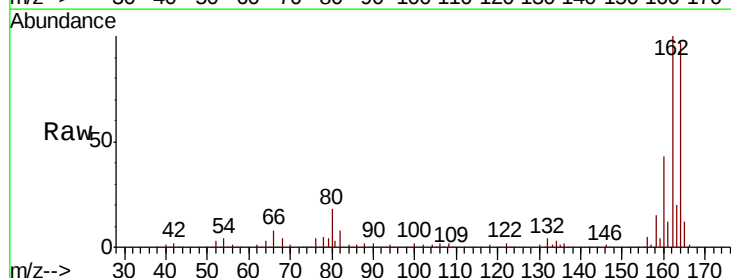
Tgt Ion: 164 Resp: 222290

Ion Ratio Lower Upper

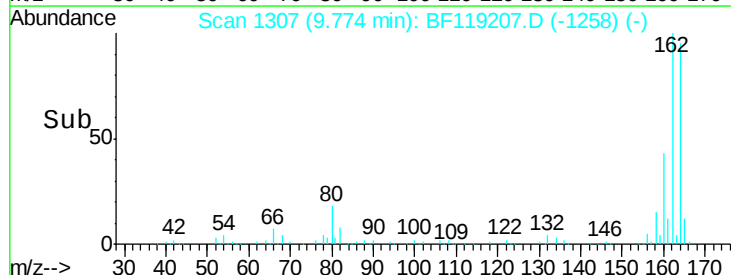
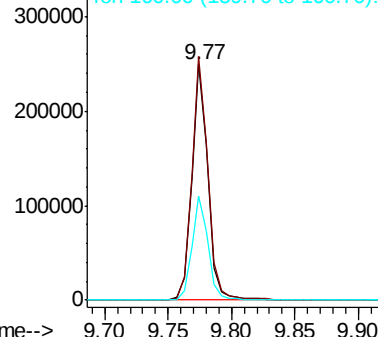
164 100

162 103.5 81.8 122.8

160 44.2 36.0 54.0



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

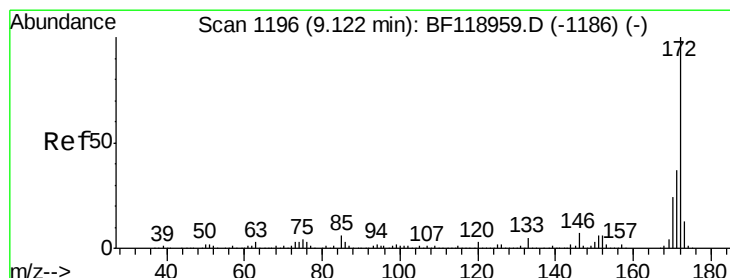
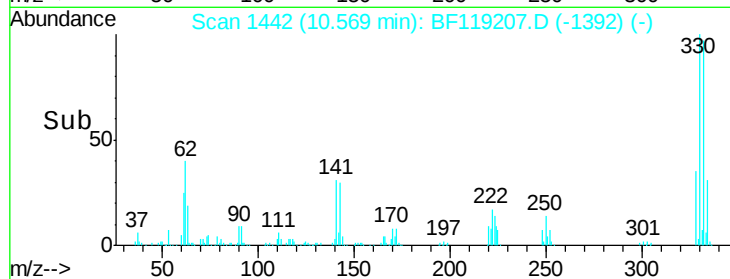
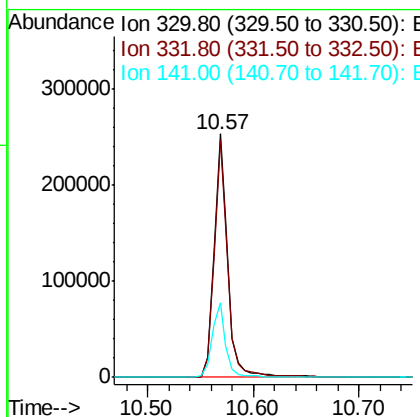
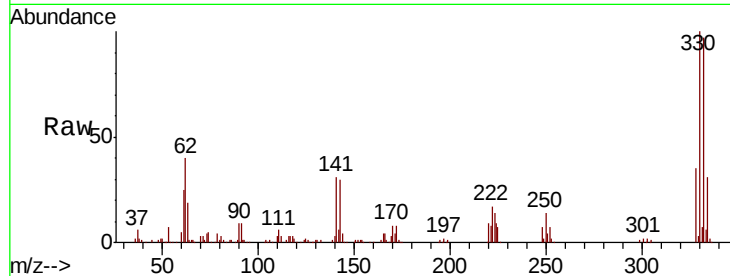




#42
 2,4,6-Tribromophenol
 Concen: 80.417 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

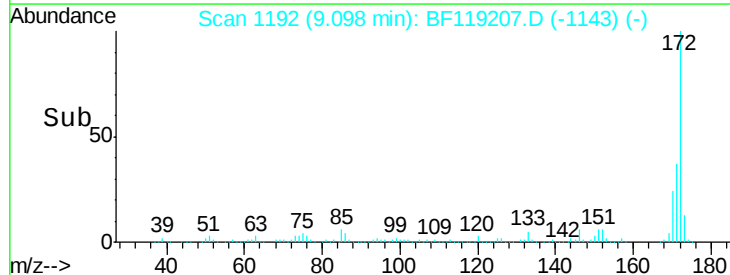
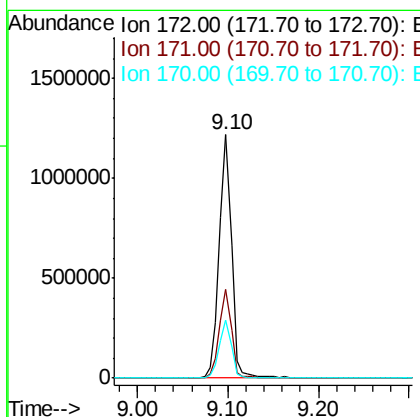
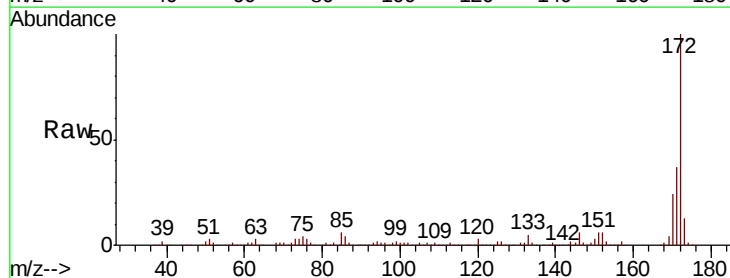
Instrument :
 BNA_F
 ClientSampleId :

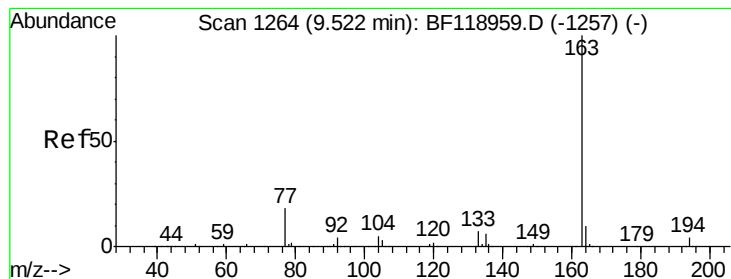
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	30.6	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 75.894 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.0	20.2	30.2





#50

Dimethylphthalate

Concen: 3.657 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

Instrument :

BNA_F

ClientSampleId :

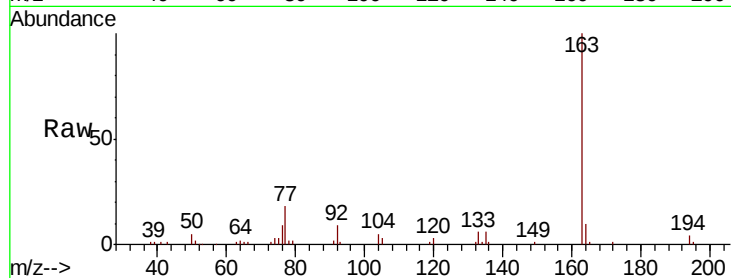
Tot Ion:163 Resp: 62163

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

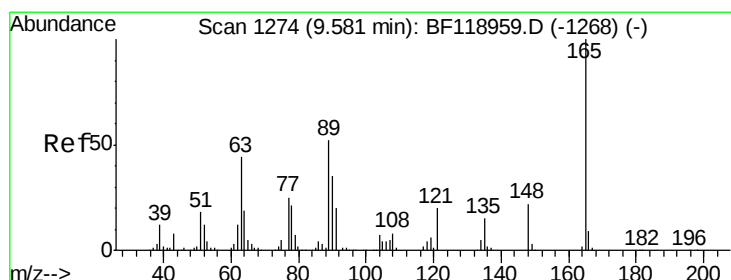
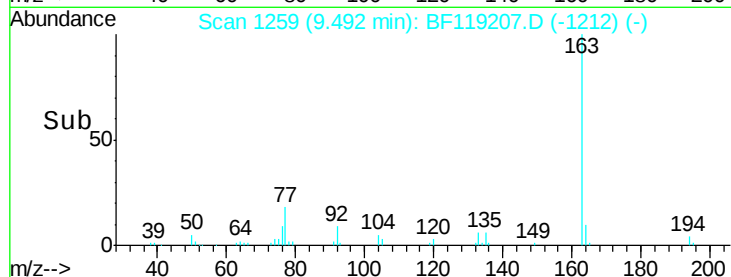
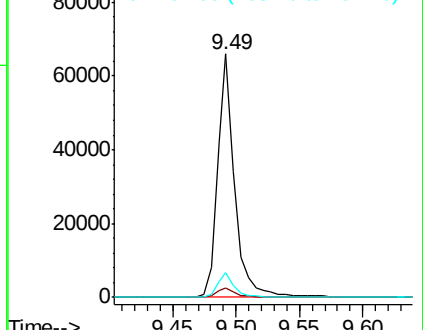
164 10.3 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 7.571 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.19 min

Lab File: BF119207.D

Acq: 4 Mar 2020 21:21

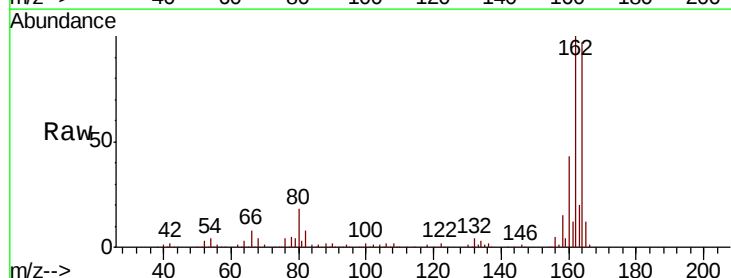
Tgt Ion:165 Resp: 28593

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

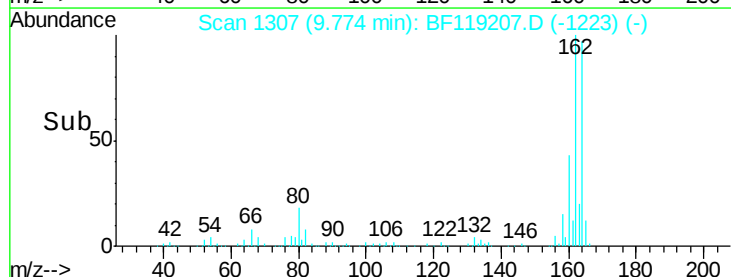
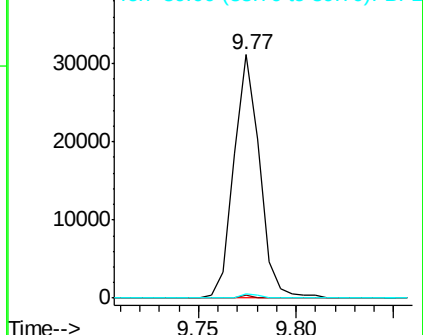
89 1.5 38.3 57.5#



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

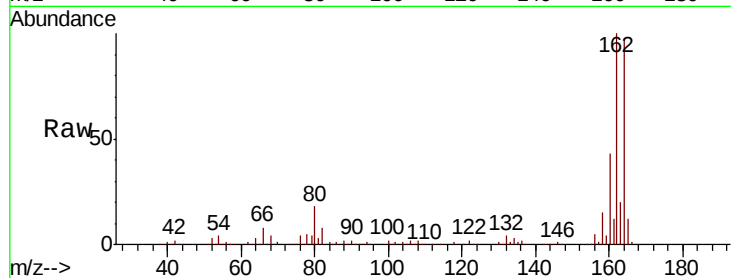




#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.21 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	28593
Ion	Ratio	Lower Upper
165	100	
63	1.4	42.3 63.5#
89	1.5	60.2 90.4#
182	0.0	2.3 3.5#

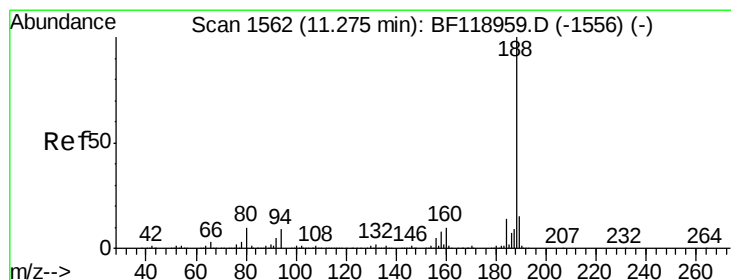
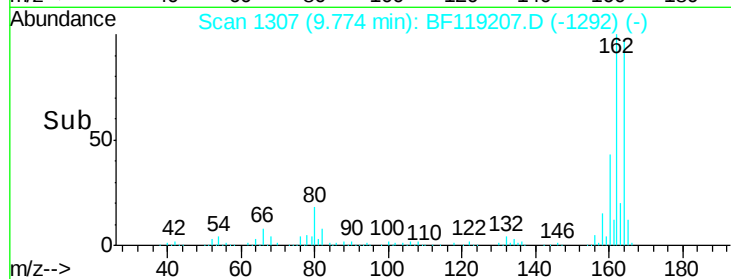
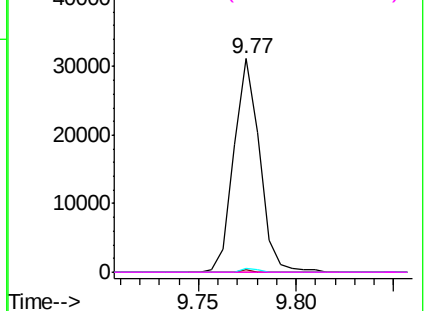


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

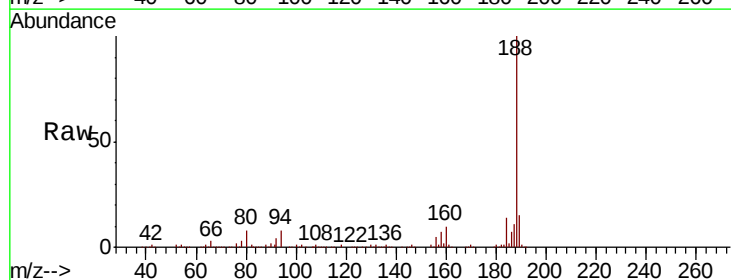
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

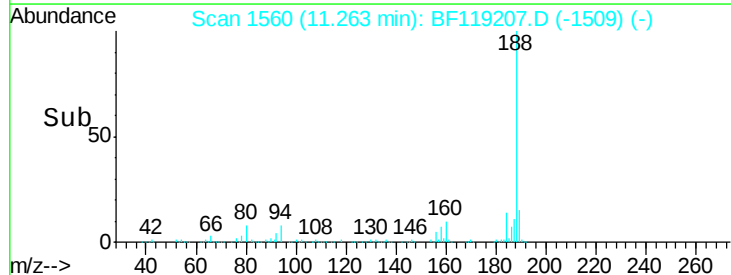
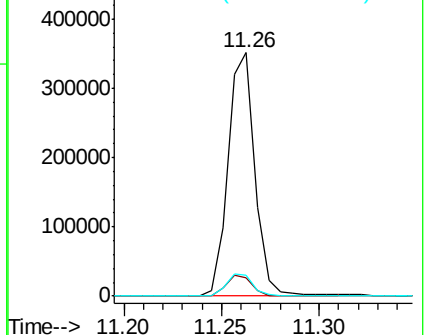
Tgt Ion:188	Resp:	336446
Ion	Ratio	Lower Upper
188	100	
94	7.6	7.1 10.7
80	8.4	7.8 11.8

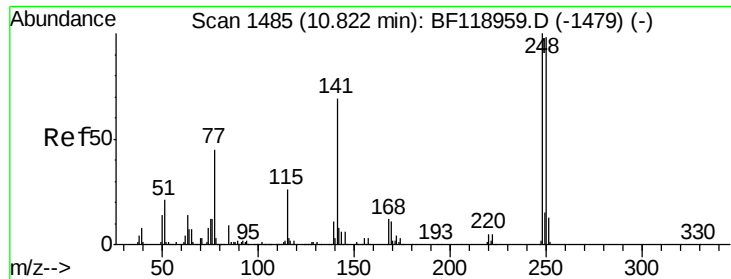


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

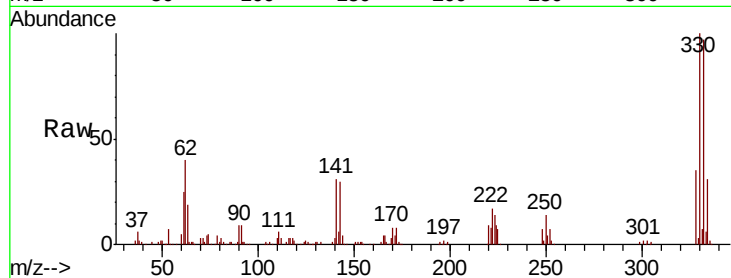




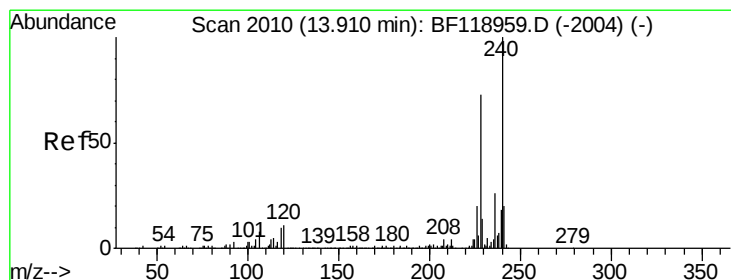
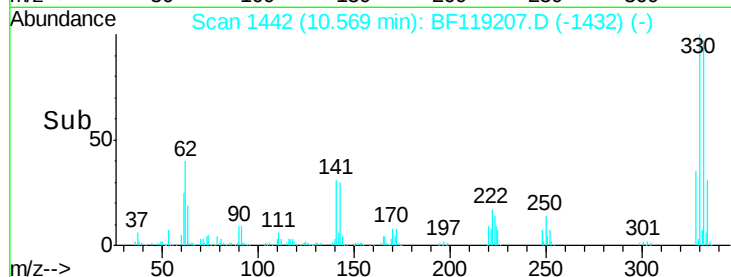
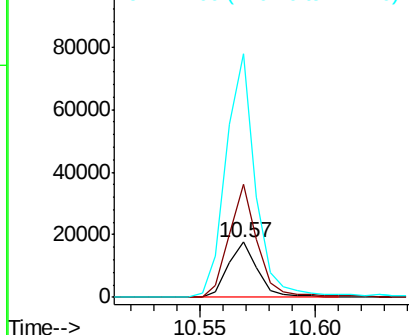
#67
4-Bromophenyl-phenylether
Concen: 3.531 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15527
Ion Ratio Lower Upper
248 100
250 206.7 76.7 115.1#
141 443.3 60.7 91.1#

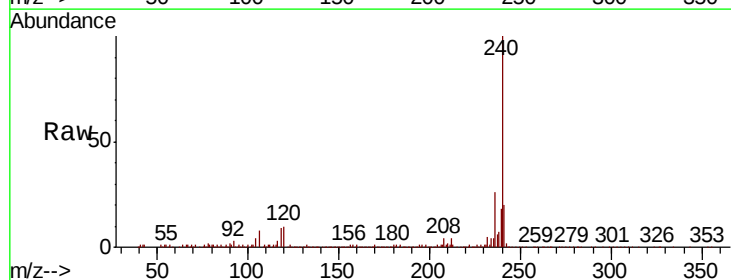


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

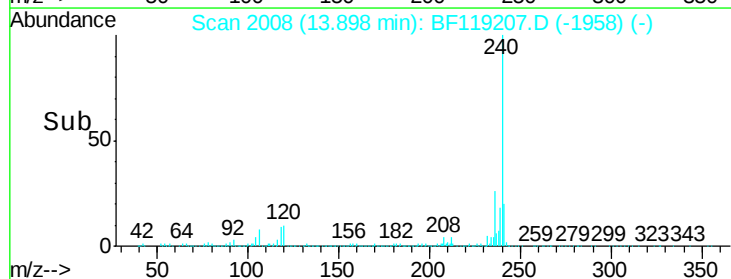
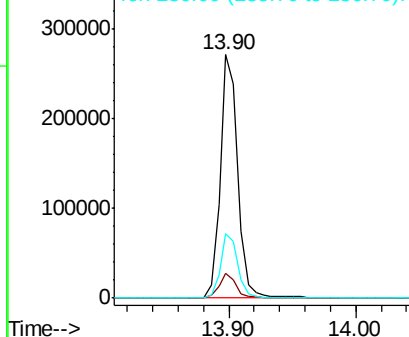


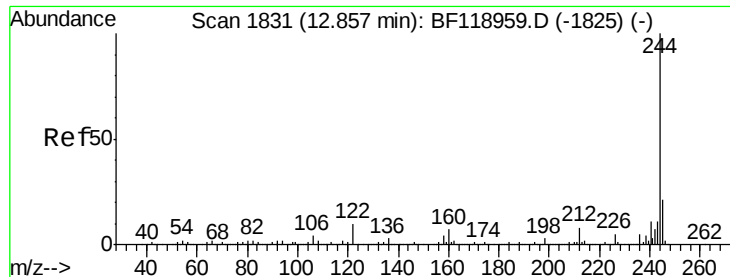
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119207.D
Acq: 4 Mar 2020 21:21

Tgt Ion:240 Resp: 262814
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.3 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

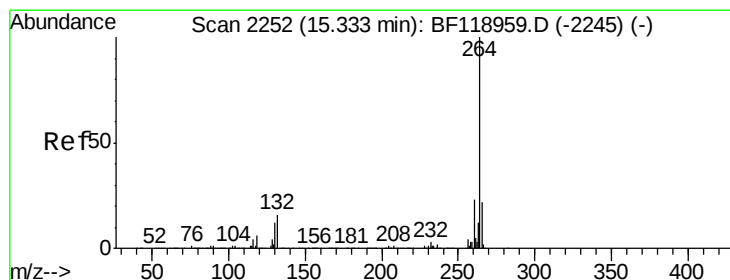
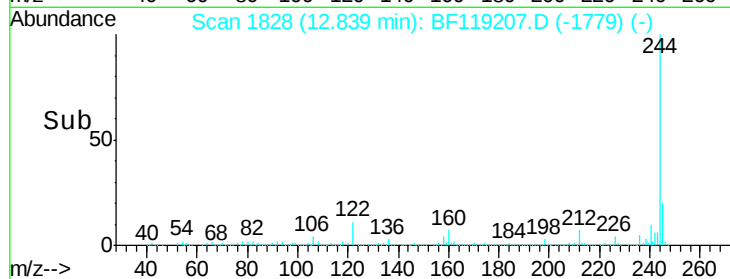
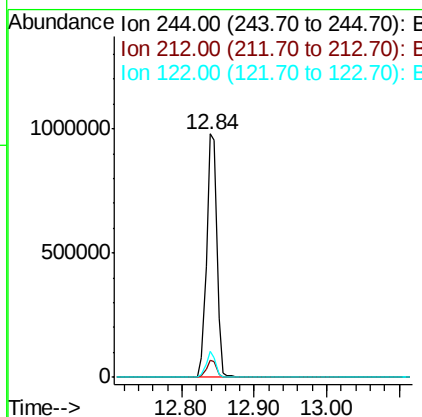
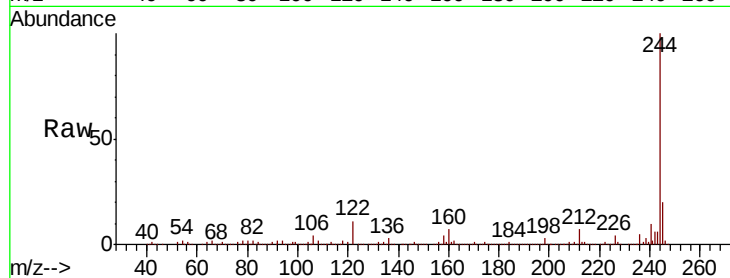




#79
 Terphenyl-d14
 Concen: 63.883 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.6	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF119207.D
 Acq: 4 Mar 2020 21:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	23.0	17.7	26.5

