

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119060.D
 Acq On : 25 Feb 2020 11:09
 Operator : CG/JU
 Sample : L1649-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 12:34:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

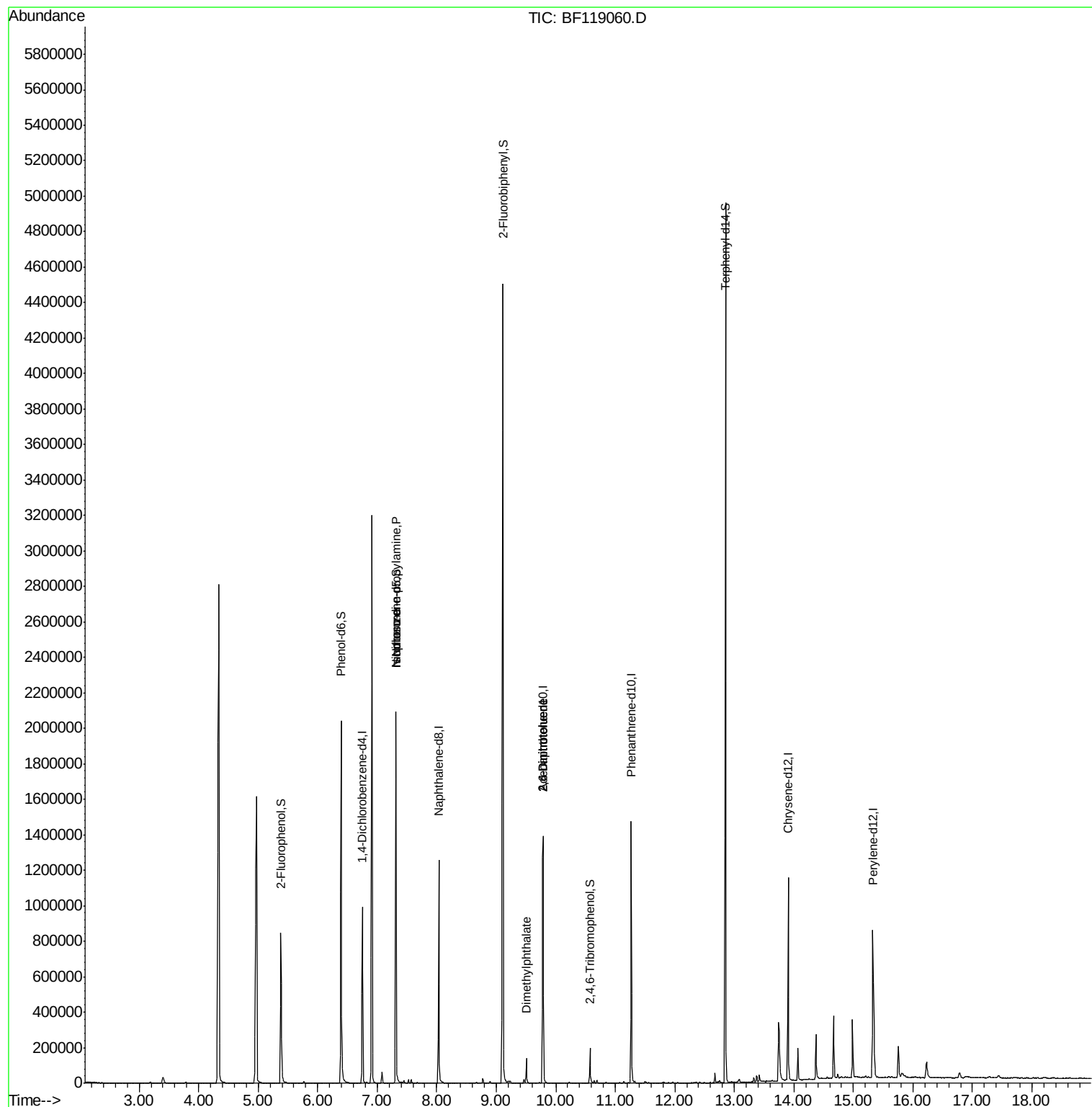
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153814	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	588459	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	318337	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	570870	20.00	ng	0.00
76) Chrysene-d12	13.90	240	395953	20.00	ng	0.00
87) Perylene-d12	15.33	264	403644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	270985	29.44	ng	0.00
7) Phenol-d6	6.39	99	758404	67.75	ng	-0.01
23) Nitrobenzene-d5	7.32	82	732392	65.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	31055	7.46	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1484063	68.68	ng	-0.01
79) Terphenyl-d14	12.85	244	1726894	75.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	101473	15.557	ng	# 75
25) Isophorone	7.32	82	732381	37.838	ng	# 63
50) Dimethylphthalate	9.50	163	77130	3.169	ng	100
51) 2,6-Dinitrotoluene	9.79	165	40181	7.430	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	40181	5.732	ng	# 29

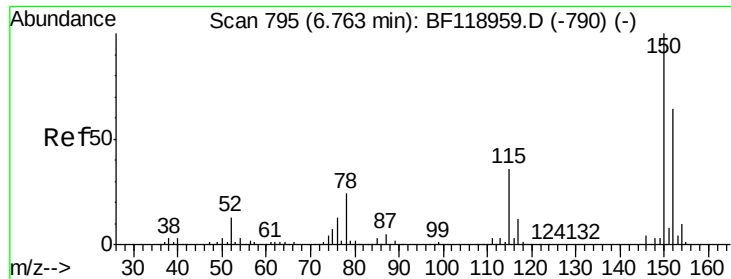
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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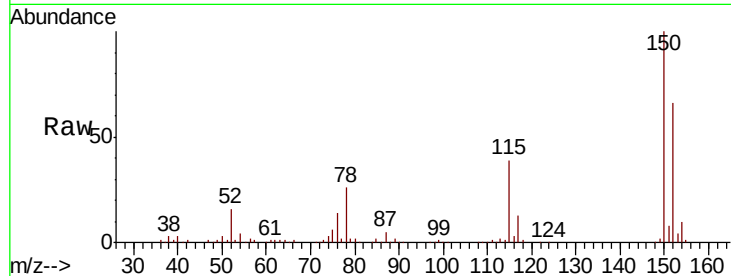


#1

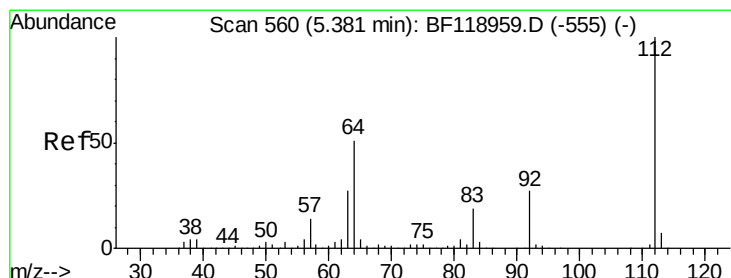
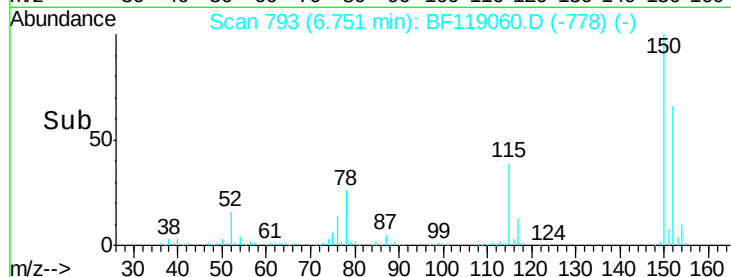
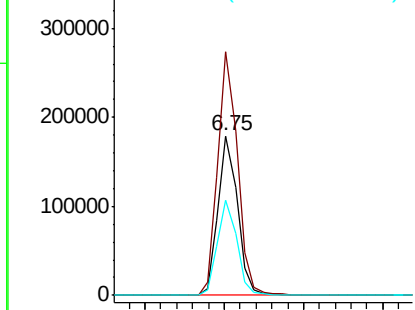
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153814
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 59.8 44.6 67.0



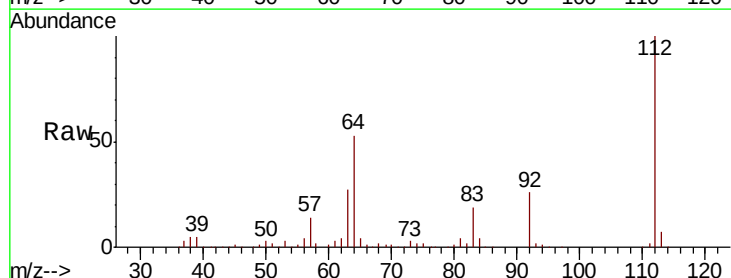
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



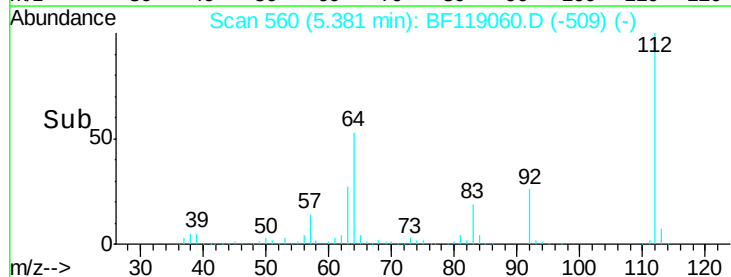
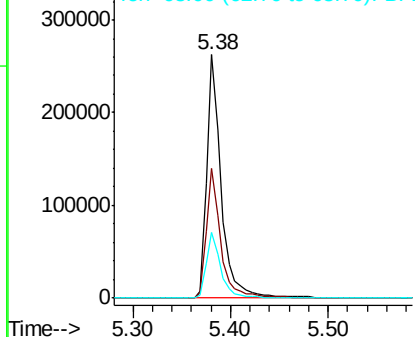
#5

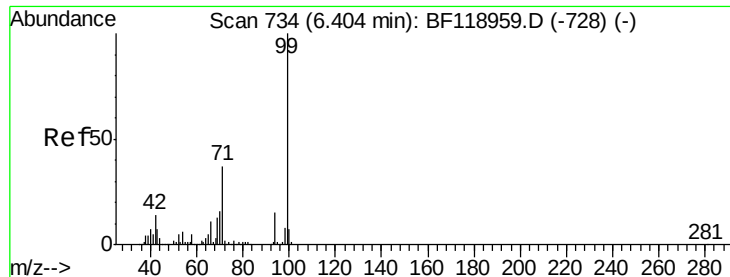
2-Fluorophenol
Concen: 29.442 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Tgt Ion:112 Resp: 270985
Ion Ratio Lower Upper
112 100
64 53.2 40.4 60.6
63 27.1 21.3 31.9



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: 67.753 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampled :

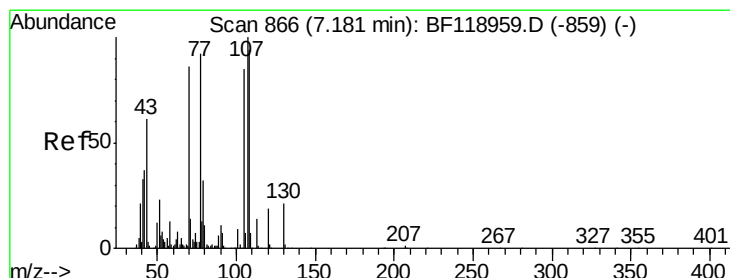
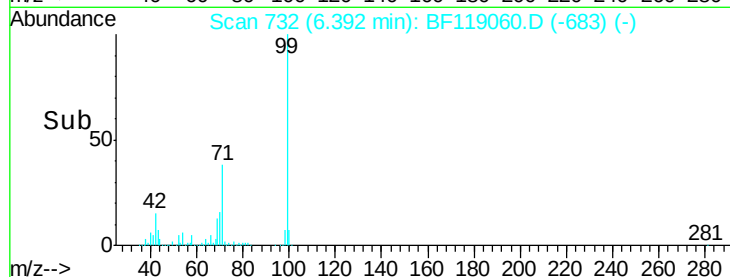
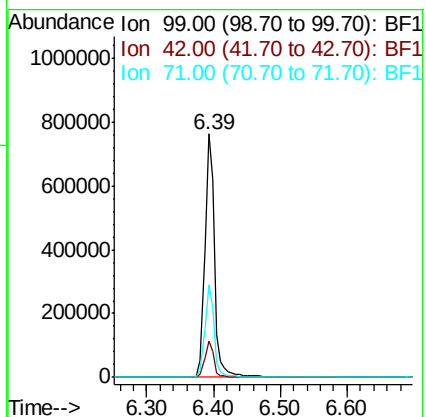
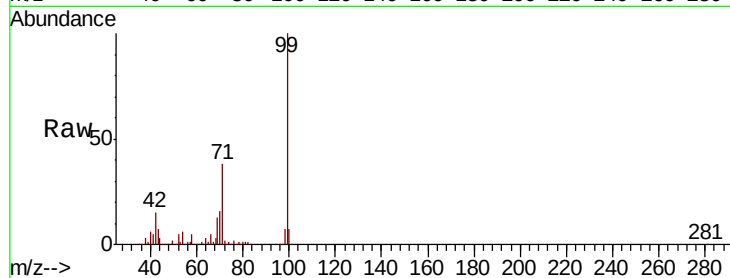
Tot Ion: 99 Resp: 758404

Ion Ratio Lower Upper

99 100

42 14.7 11.4 17.0

71 38.2 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.557 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Tgt Ion: 70 Resp: 101473

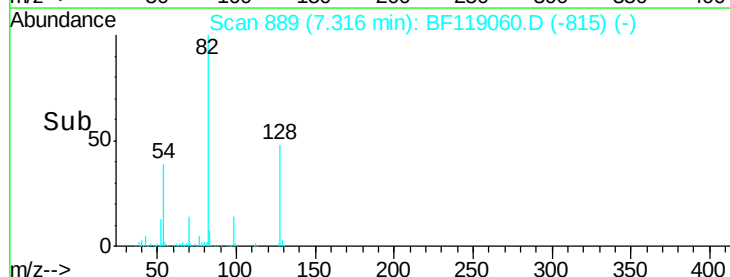
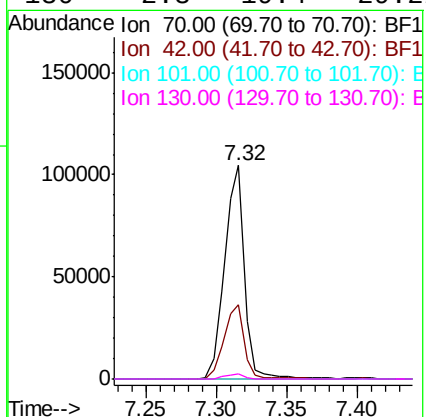
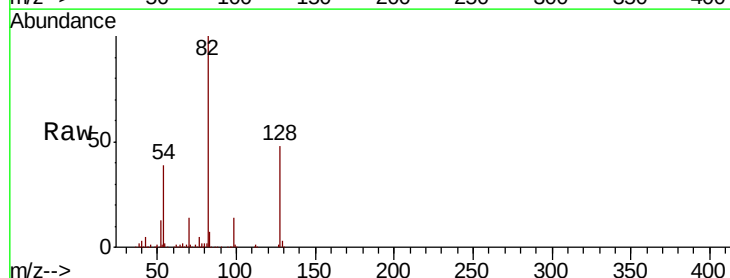
Ion Ratio Lower Upper

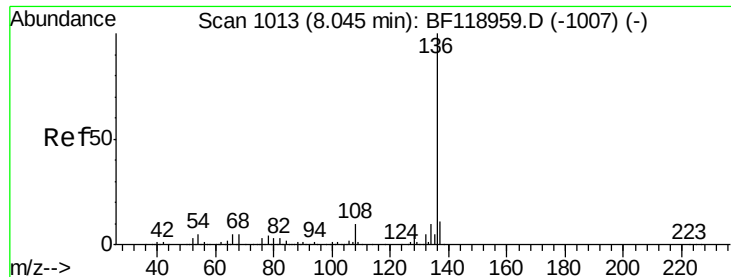
70 100

42 34.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.3 19.4 29.2#

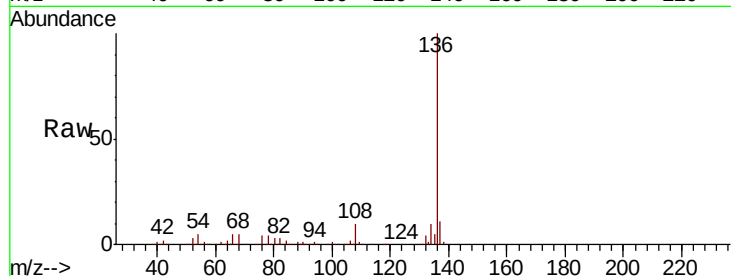




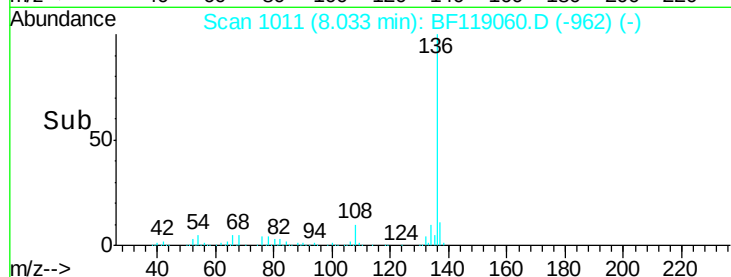
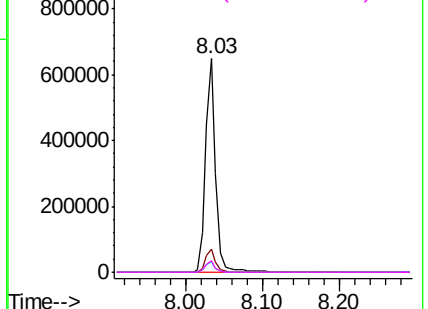
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	588459
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	4.9	3.8 5.6
68	5.3	4.2 6.2

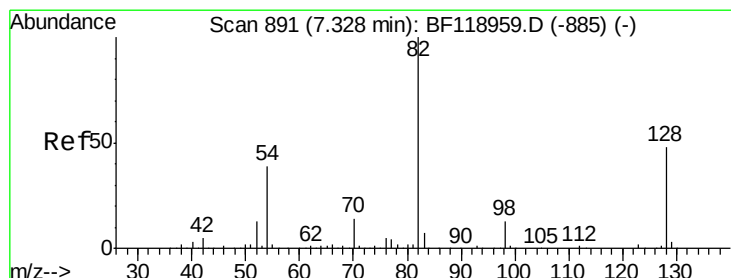


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

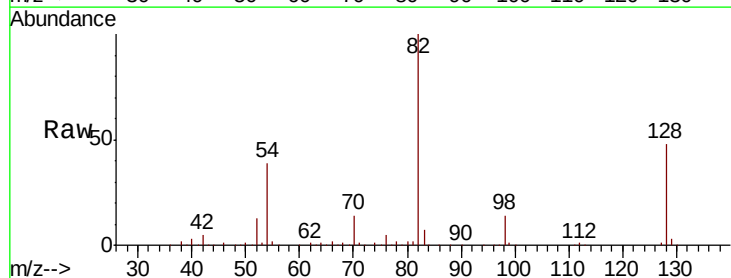
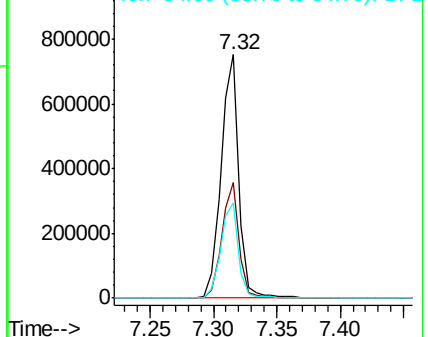


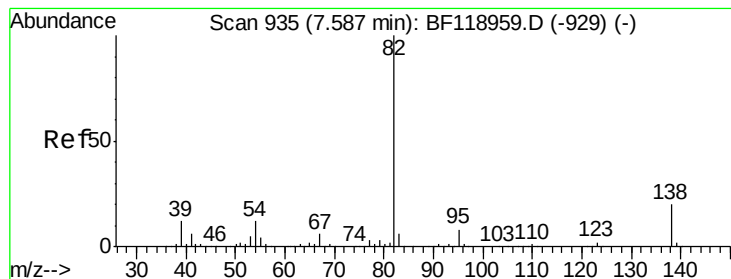
#23
Nitrobenzene-d5
Concen: 65.715 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Tgt Ion: 82	Resp:	732392
Ion Ratio	Lower	Upper
82	100	
128	47.6	38.2 57.2
54	38.9	31.3 46.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.838 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampleId :

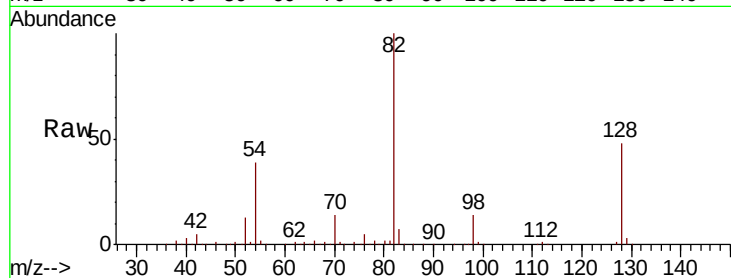
Tot Ion: 82 Resp: 732381

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

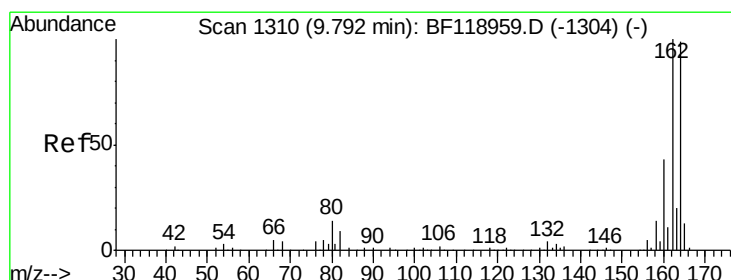
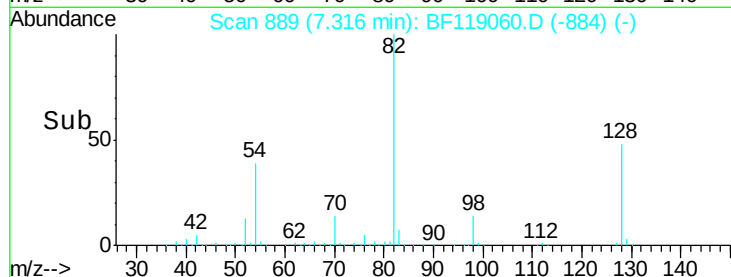
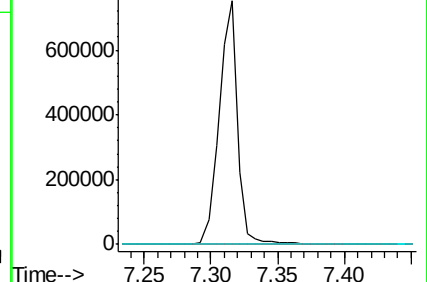
138 0.0 15.8 23.6#



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

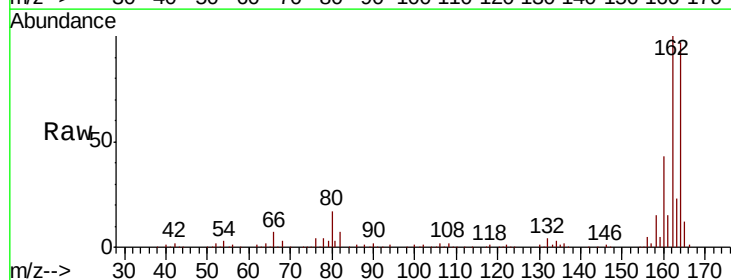
Tgt Ion: 164 Resp: 318337

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

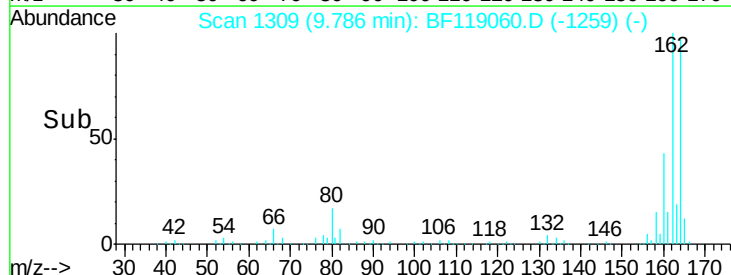
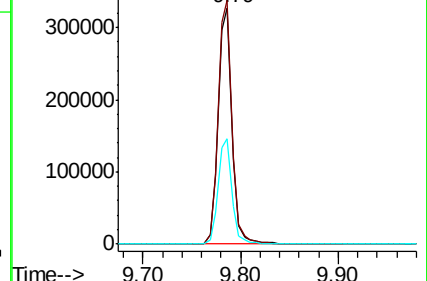
160 44.5 35.2 52.8

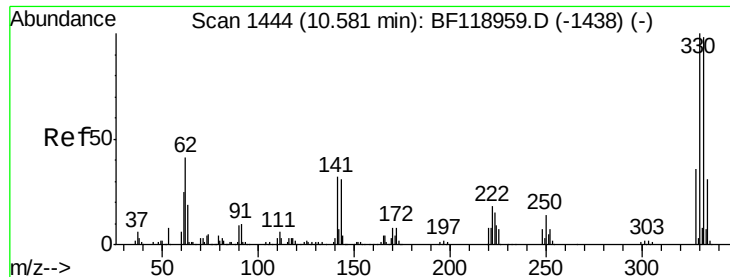


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 7.457 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119060.D

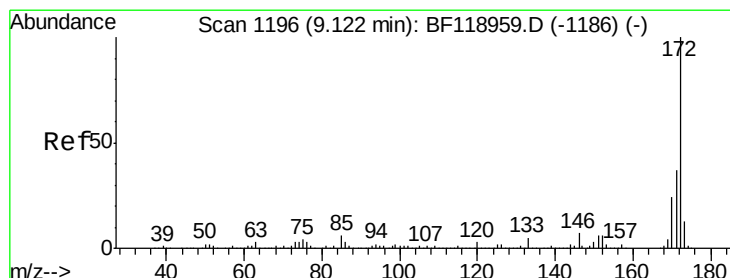
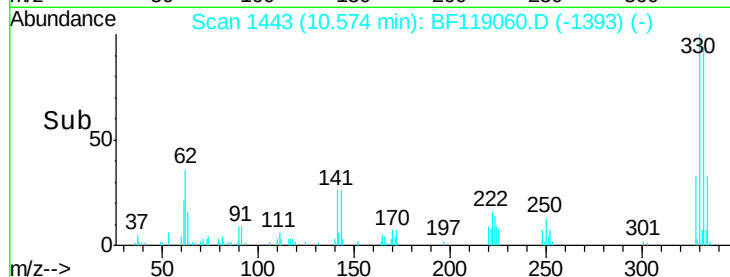
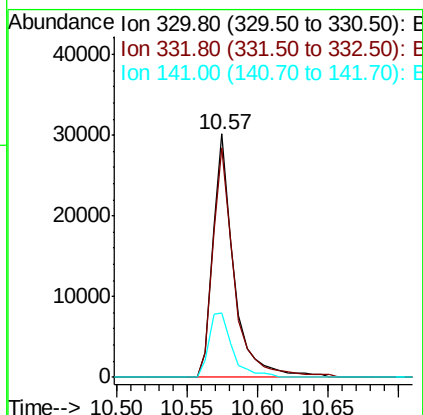
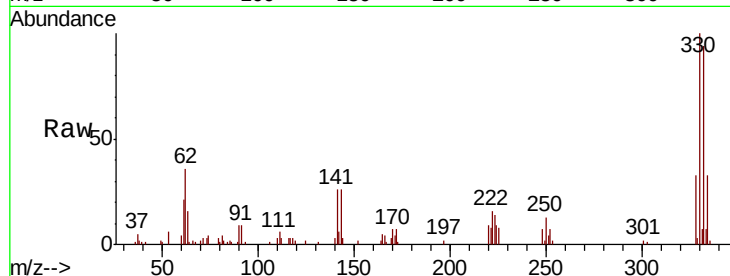
Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	31055
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.4	23.0	34.6



#45

2-Fluorobiphenyl

Concen: 68.678 ng

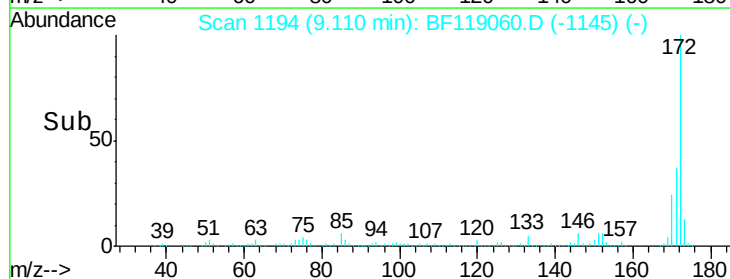
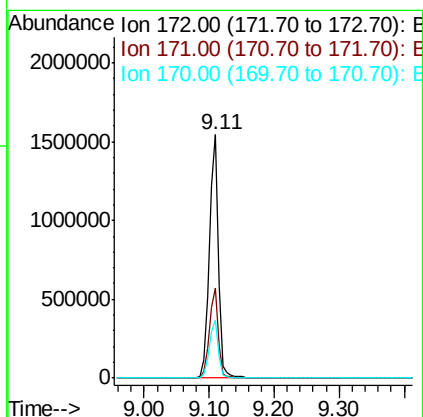
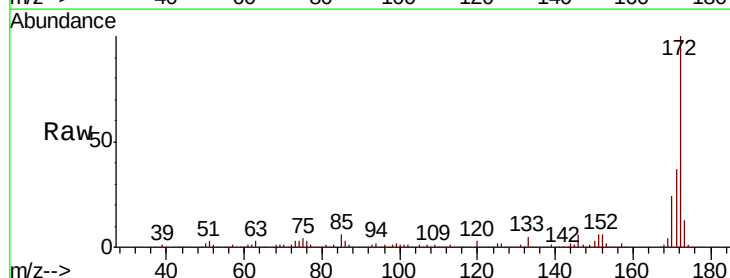
RT: 9.11 min Scan# 1194

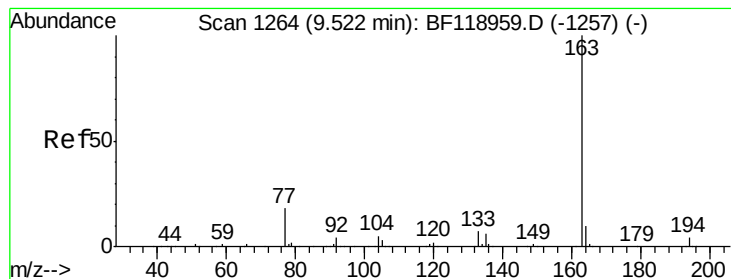
Delta R.T. -0.01 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Tgt Ion:	172	Resp:	1484063
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.2
170	24.0	19.6	29.4





#50

Dimethylphthalate

Concen: 3.169 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

Instrument :

BNA_F

ClientSampleId :

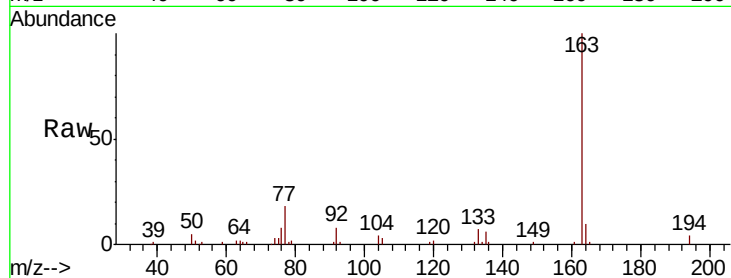
Tot Ion:163 Resp: 77130

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

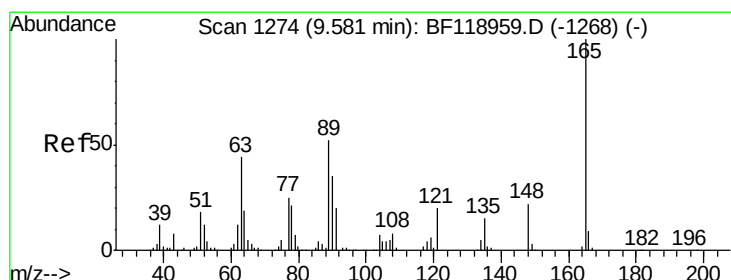
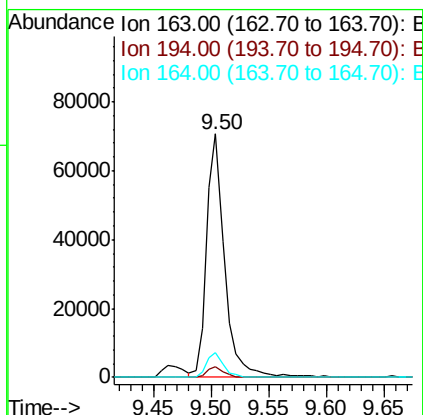
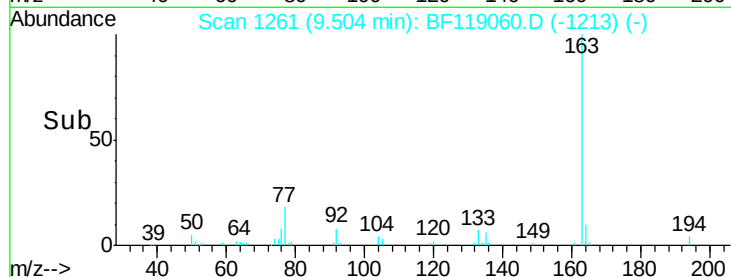
164 10.0 8.2 12.2



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: 7.430 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119060.D

Acq: 25 Feb 2020 11:09

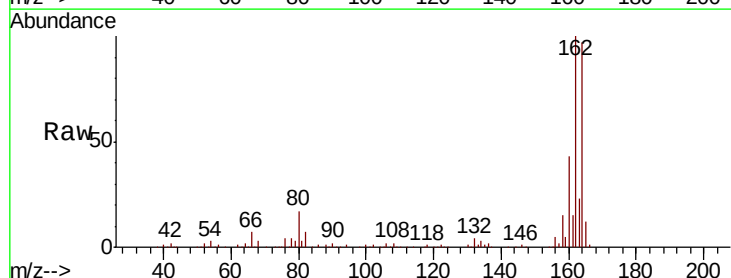
Tgt Ion:165 Resp: 40181

Ion Ratio Lower Upper

165 100

63 0.8 37.9 56.9#

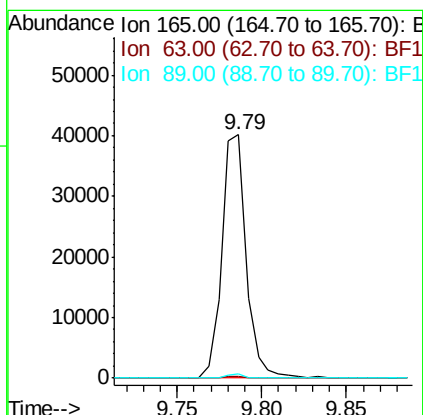
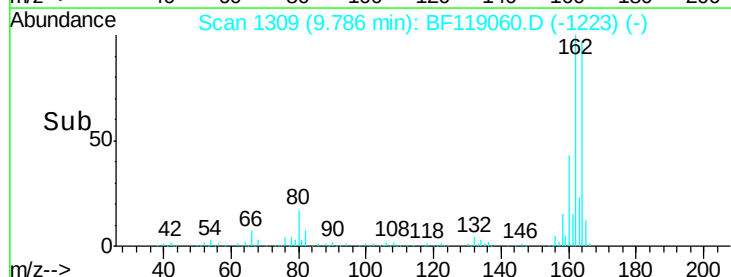
89 1.9 41.4 62.0#

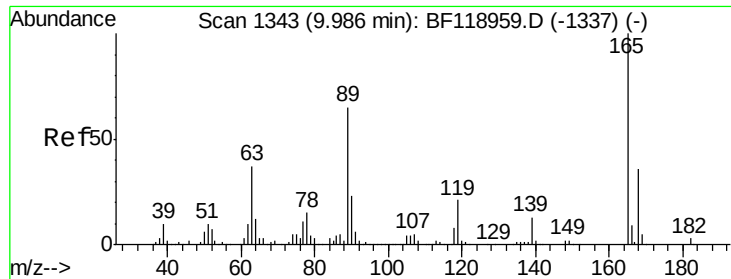


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

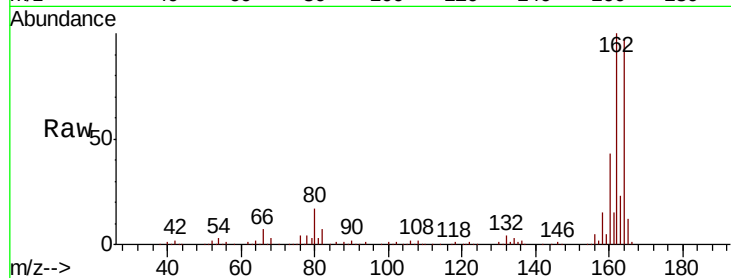




#57
2,4-Dinitrotoluene
Concen: 5.732 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.8#
89	1.9	51.9	77.9#
182	0.0	2.3	3.5#

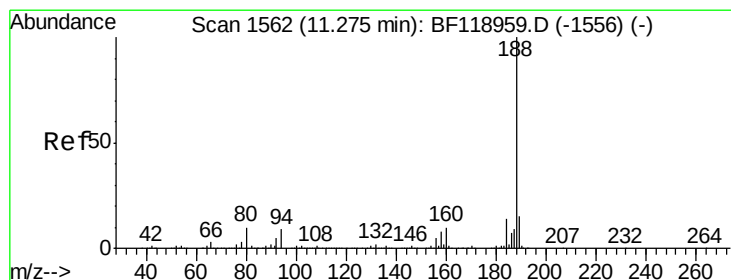
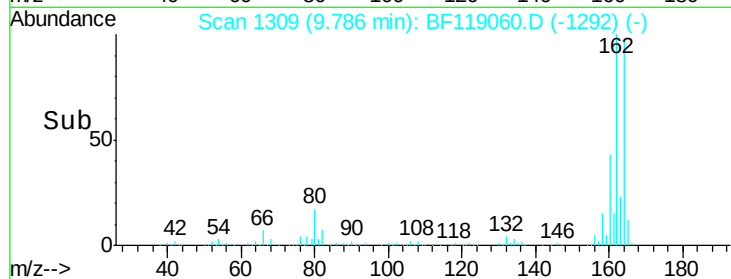
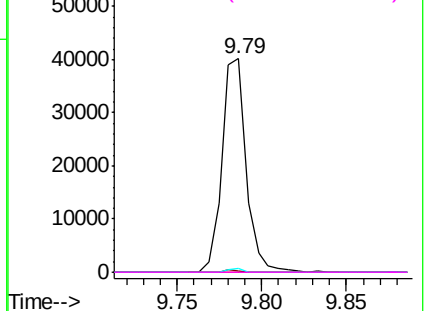


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

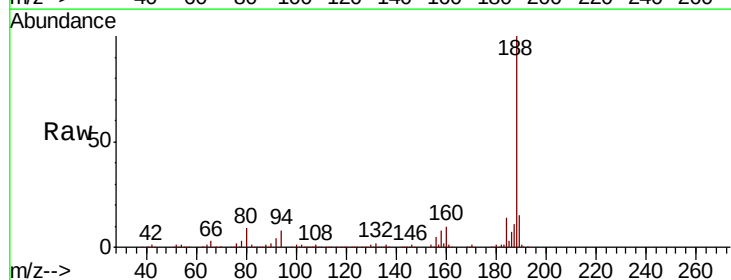
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

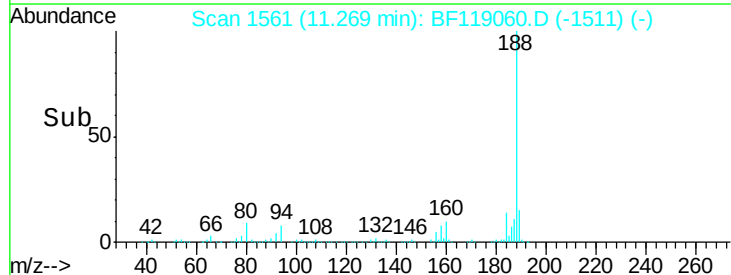
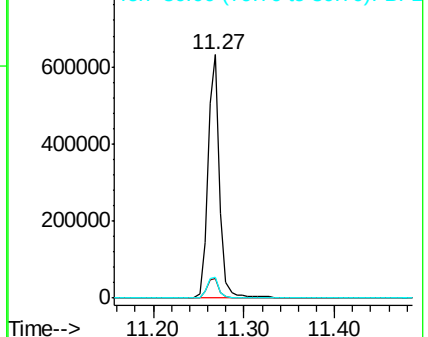
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	8.6	7.9	11.9

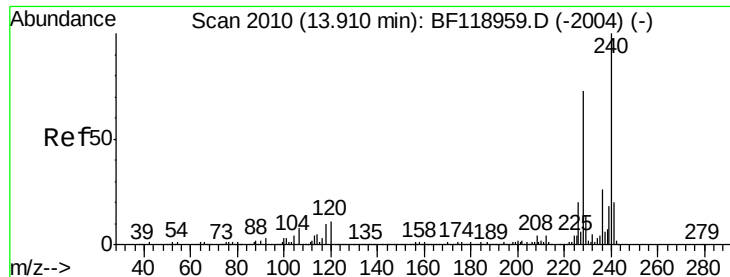


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

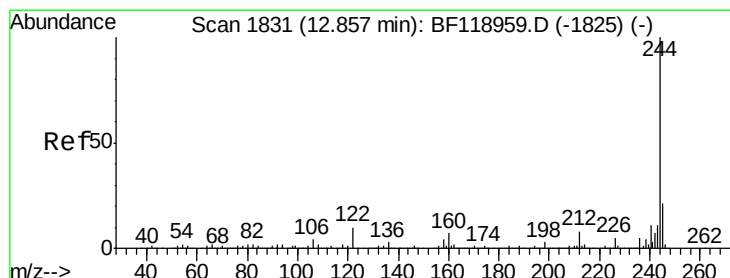
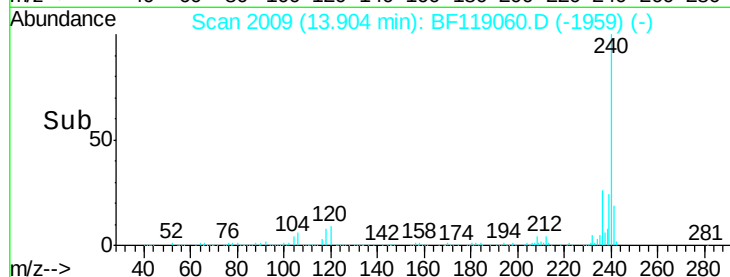
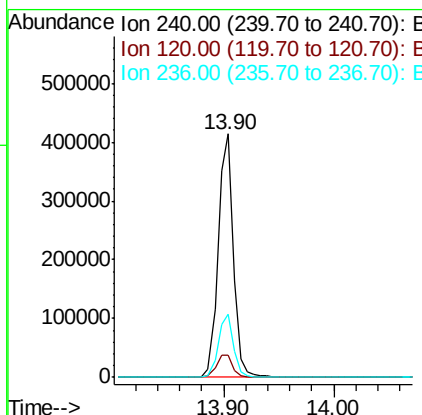
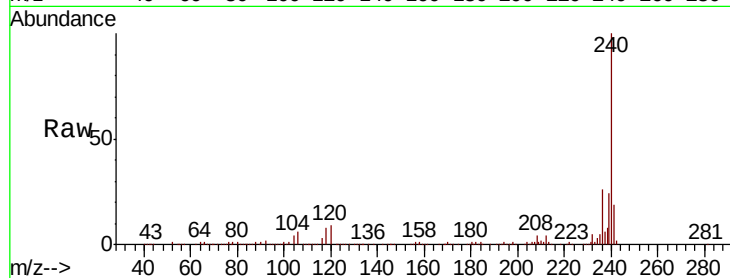




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

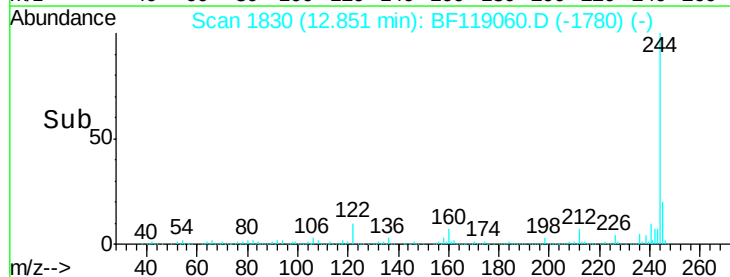
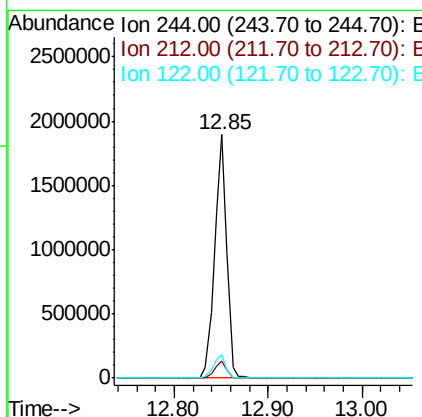
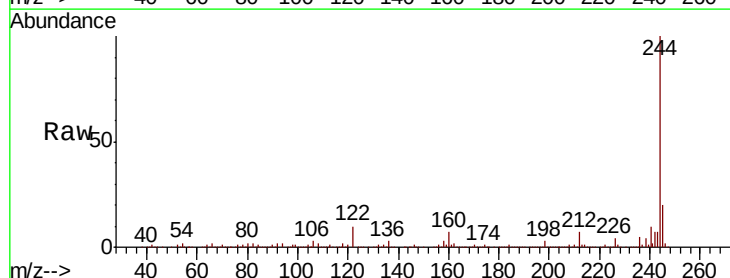
Instrument :
 BNA_F
 ClientSampleID :

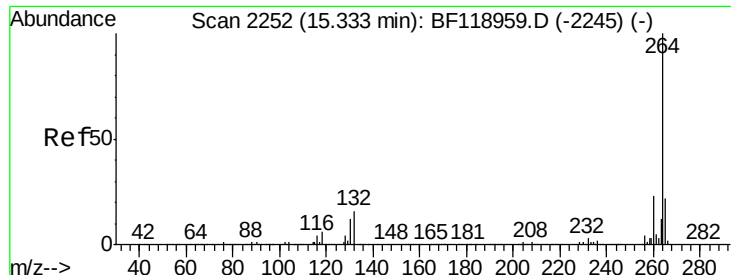
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.9	13.3
236	25.9	20.6	30.8



#79
 Terphenyl-d14
 Concen: 75.088 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119060.D
 Acq: 25 Feb 2020 11:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	9.8	8.4	12.6

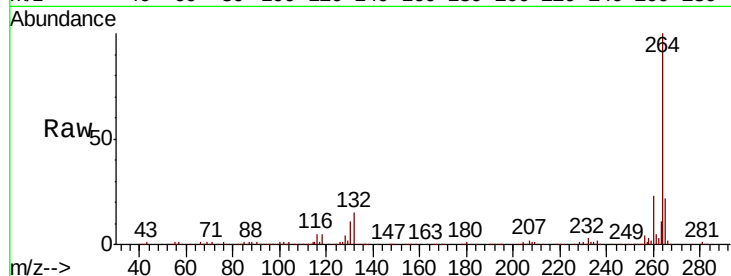




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119060.D
Acq: 25 Feb 2020 11:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.6	17.3	25.9



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

