

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119050.D
 Acq On : 25 Feb 2020 5:18
 Operator : CG/JU
 Sample : L1635-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 06:45:48 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

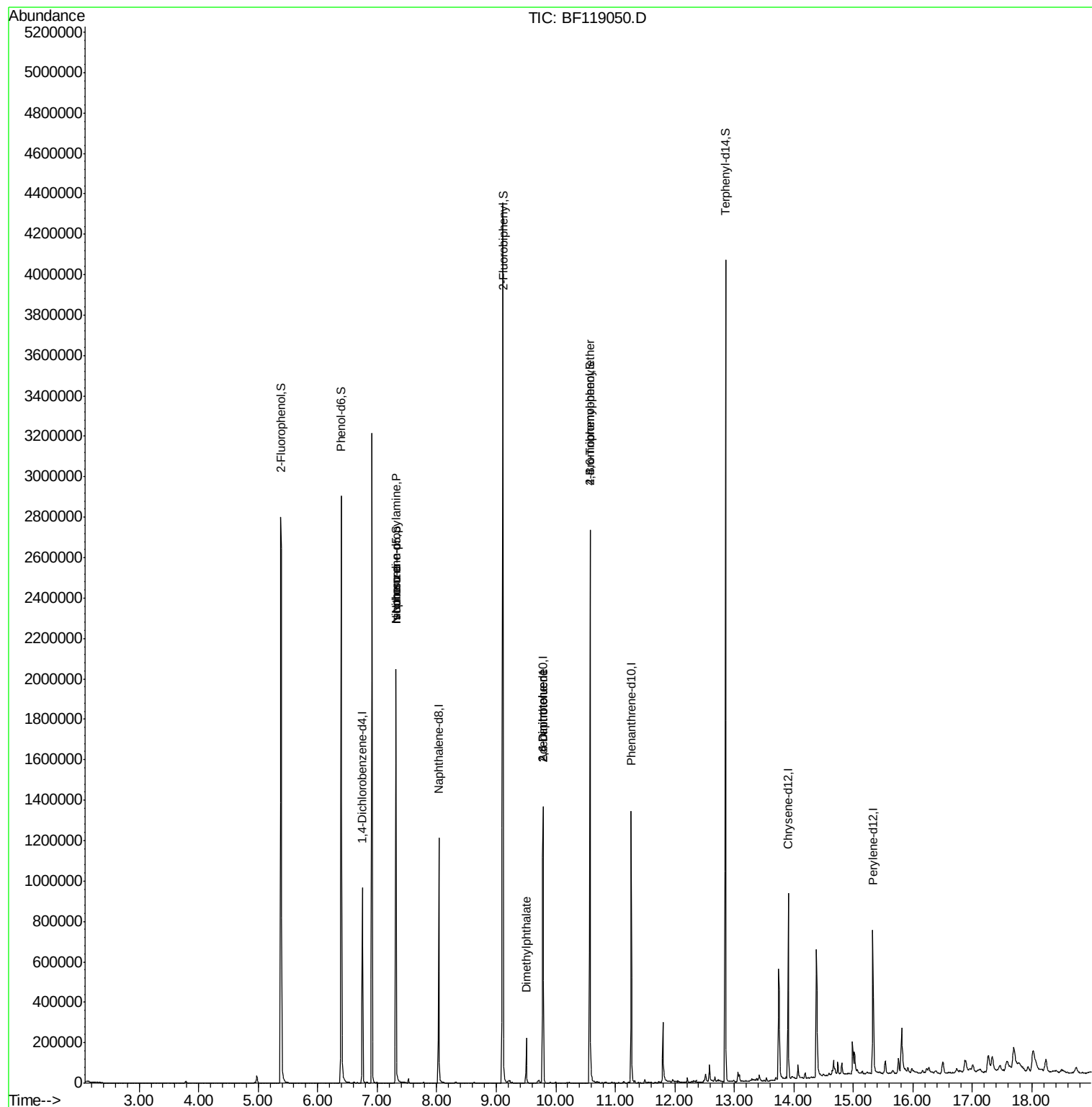
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145561	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	550661	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	290705	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	500439	20.00	ng	0.00
76) Chrysene-d12	13.90	240	316311	20.00	ng	0.00
87) Perylene-d12	15.33	264	340096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	907699	104.21	ng	0.00
7) Phenol-d6	6.40	99	1080091	101.96	ng	0.00
23) Nitrobenzene-d5	7.32	82	718300	68.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	363313	95.54	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1419374	71.93	ng	-0.01
79) Terphenyl-d14	12.85	244	1407595	76.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	97939	15.867	ng	# 75
25) Isophorone	7.32	82	718292	39.657	ng	# 63
50) Dimethylphthalate	9.50	163	103520	4.657	ng	# 98
51) 2,6-Dinitrotoluene	9.79	165	37487	7.590	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	37487	5.856	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	23788	3.637	ng	# 1

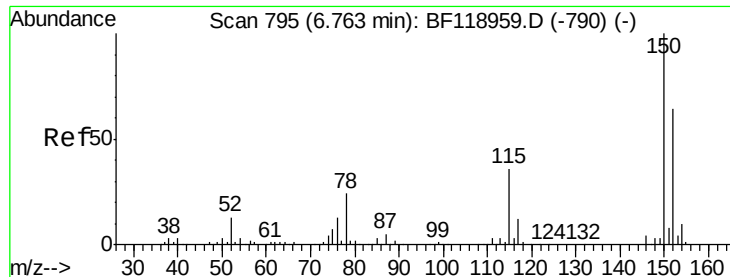
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
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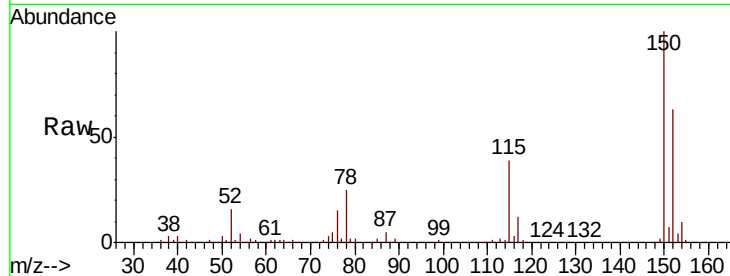


#1

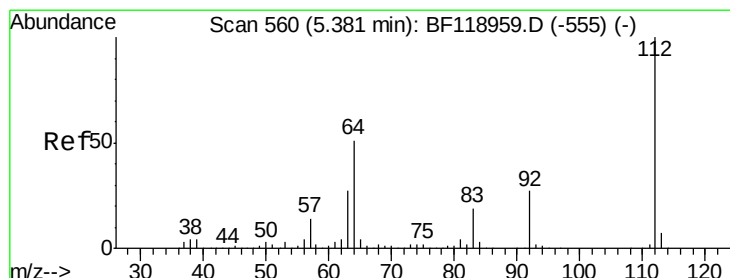
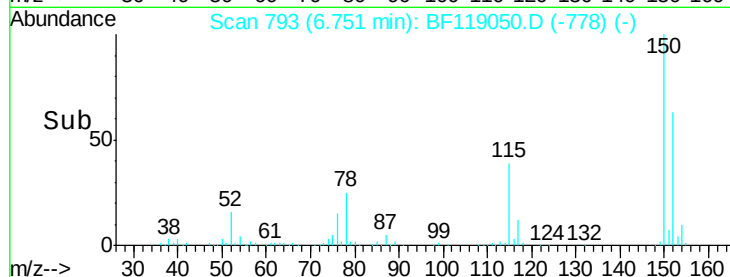
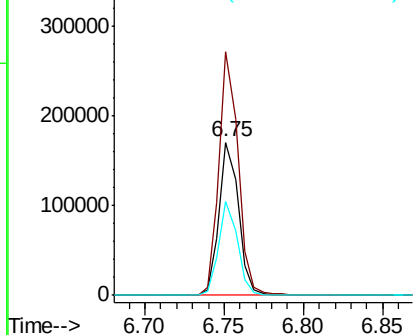
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145561
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 61.6 44.6 67.0



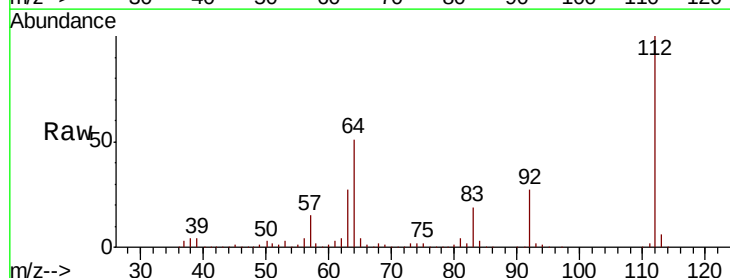
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



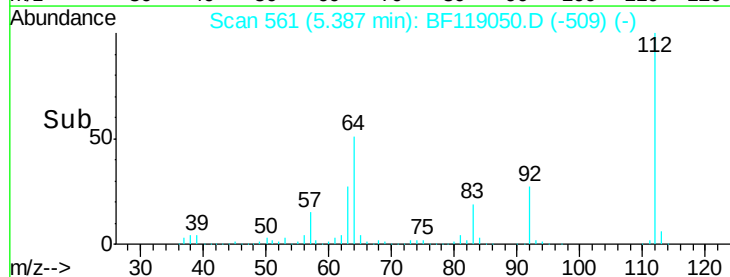
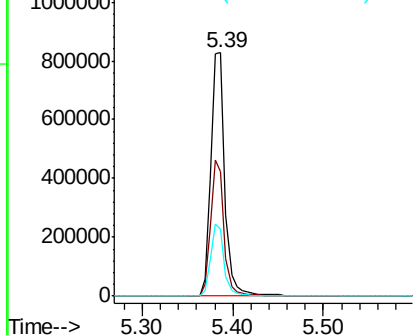
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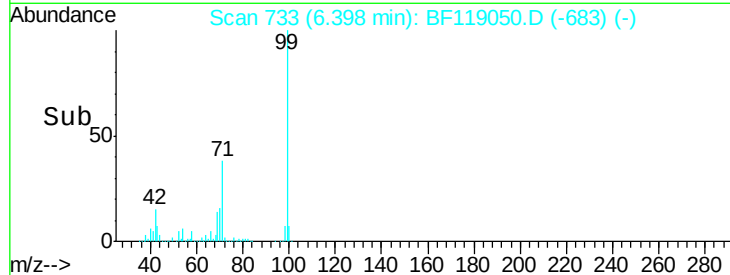
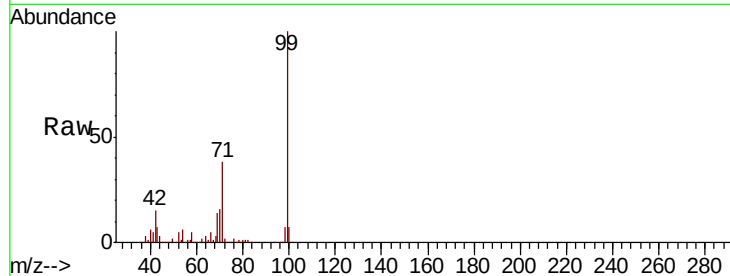
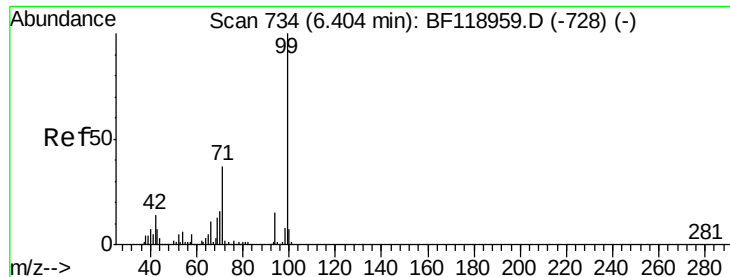
2-Fluorophenol
Concen: 104.212 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Tgt Ion:112 Resp: 907699
Ion Ratio Lower Upper
112 100
64 51.2 40.4 60.6
63 27.3 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: 101.962 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Instrument :

BNA_F

ClientSampleId :

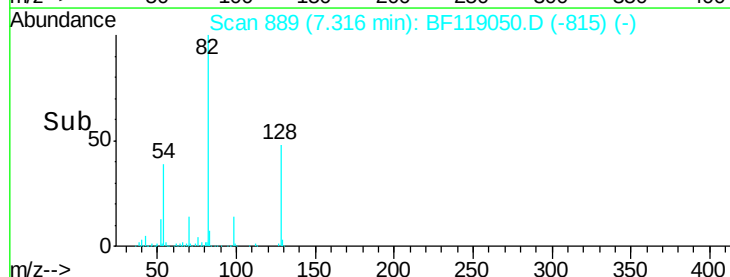
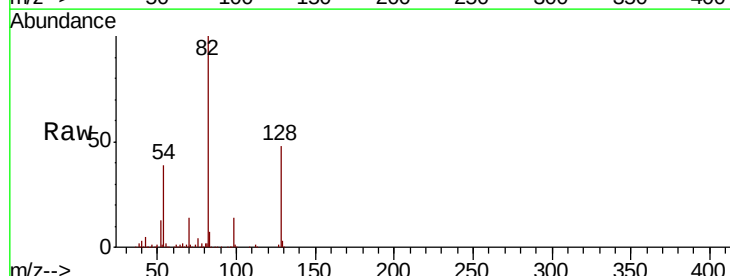
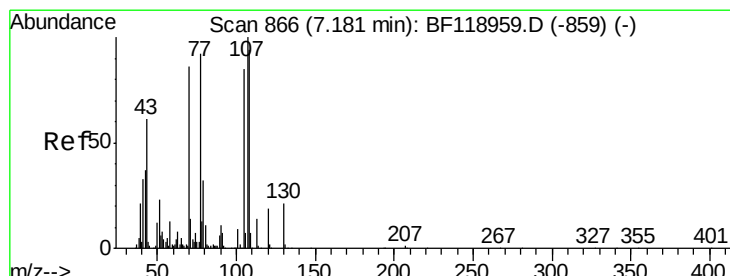
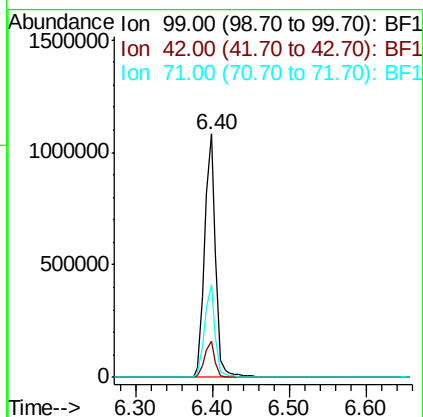
Tot Ion: 99 Resp: 1080091

Ion Ratio Lower Upper

99 100

42 14.7 11.4 17.0

71 38.1 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.867 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Tgt Ion: 70 Resp: 97939

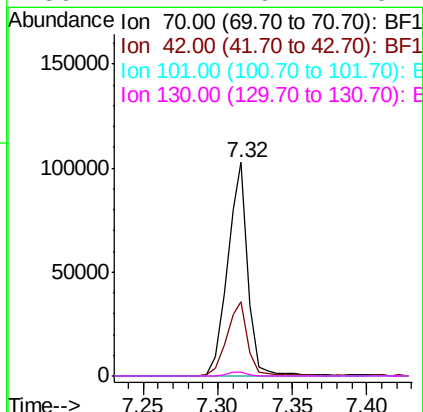
Ion Ratio Lower Upper

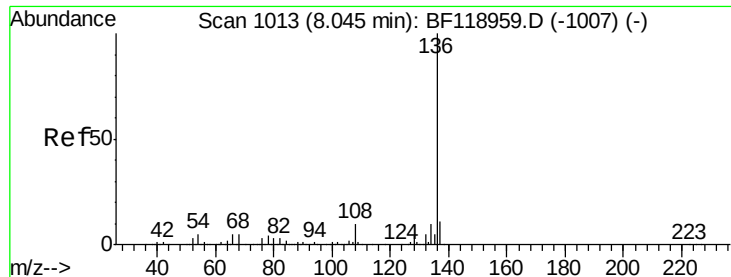
70 100

42 35.1 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

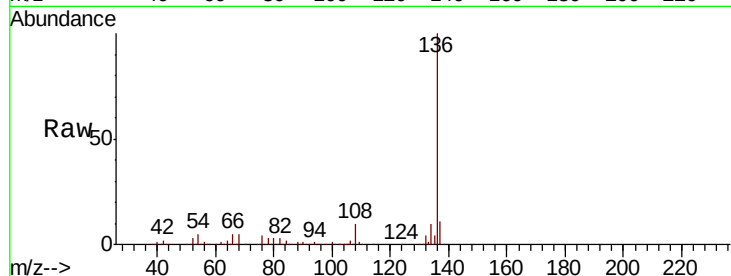




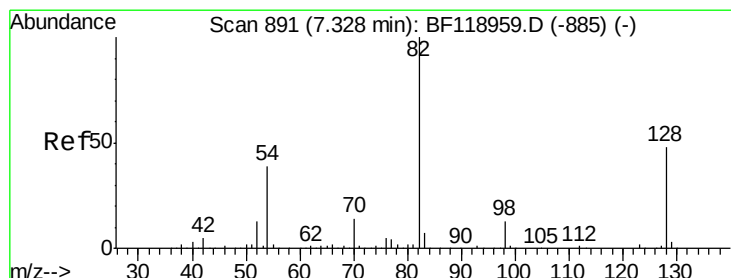
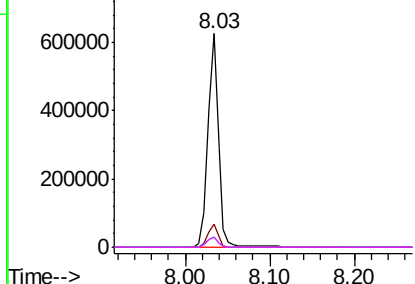
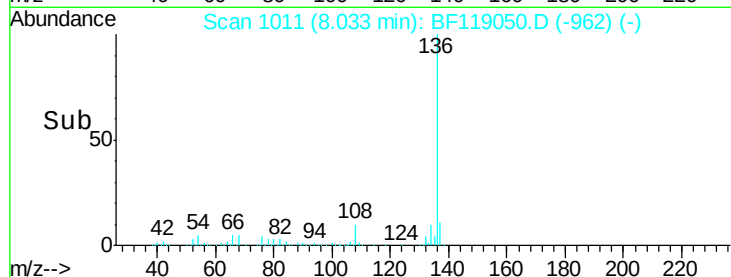
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	550661
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	4.8	3.8 5.6
68	5.1	4.2 6.2

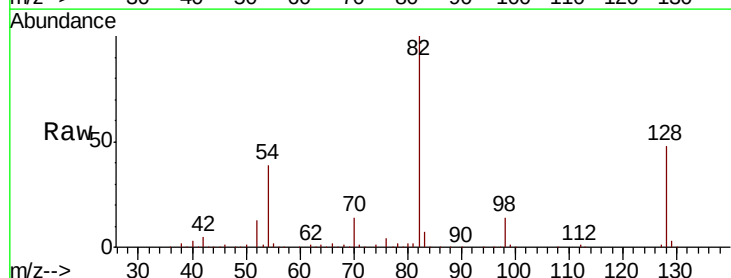


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

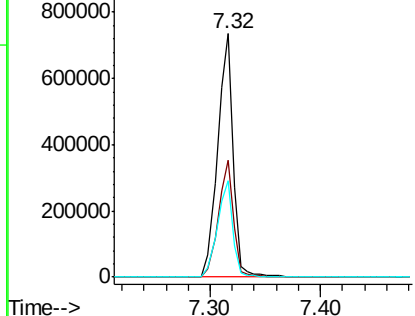
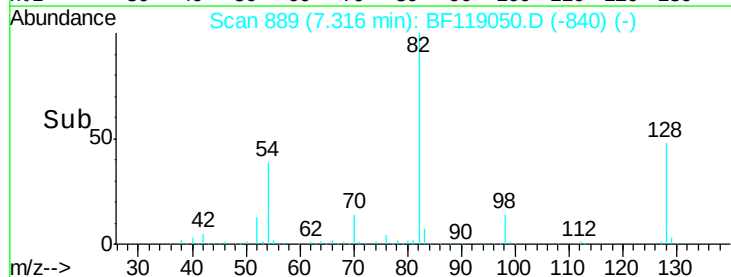


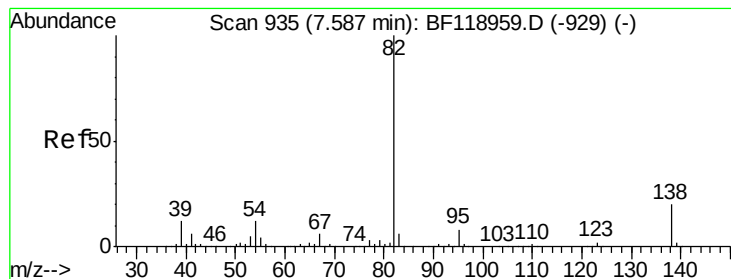
#23
Nitrobenzene-d5
Concen: 68.874 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Tgt Ion: 82	Resp:	718300
Ion Ratio	Lower	Upper
82	100	
128	47.8	38.2 57.2
54	39.4	31.3 46.9



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: 39.657 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Instrument :

BNA_F

ClientSampleId :

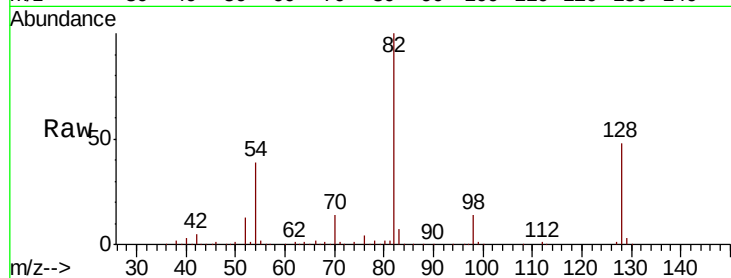
Tot Ion: 82 Resp: 718292

Ion Ratio Lower Upper

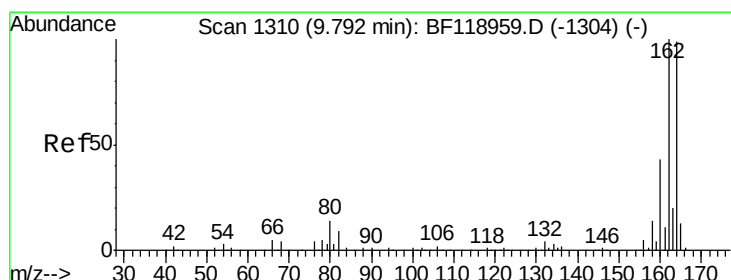
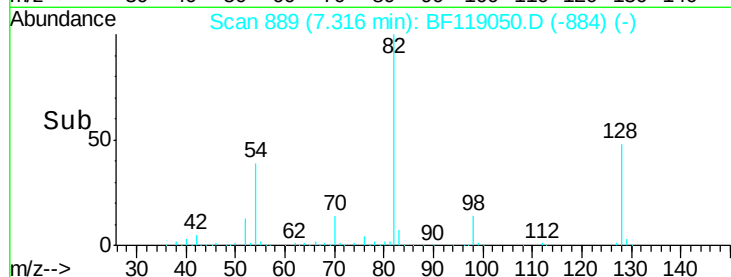
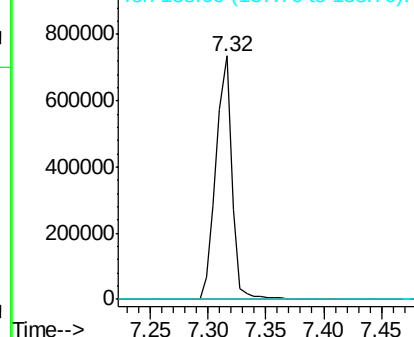
82 100

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: BF119050.D

Acq: 25 Feb 2020 5:18

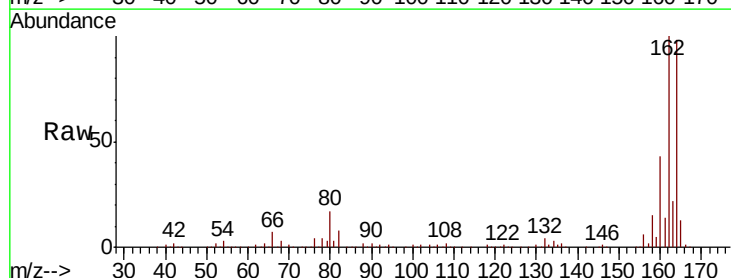
Tgt Ion: 164 Resp: 290705

Ion Ratio Lower Upper

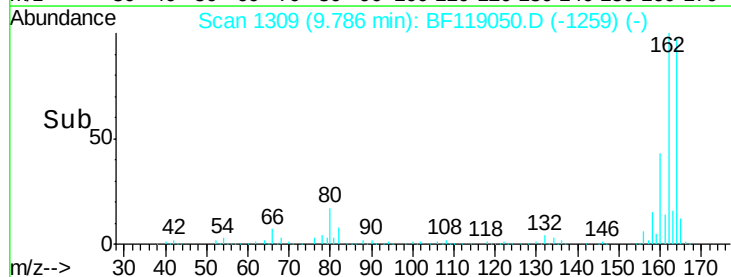
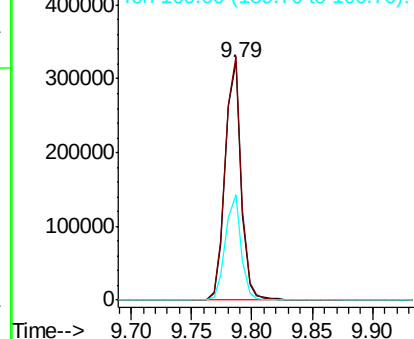
164 100

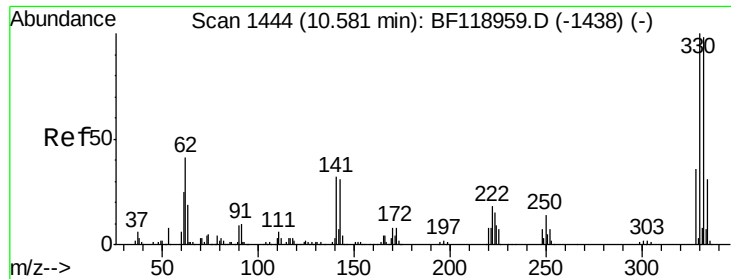
162 102.2 81.2 121.8

160 44.3 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

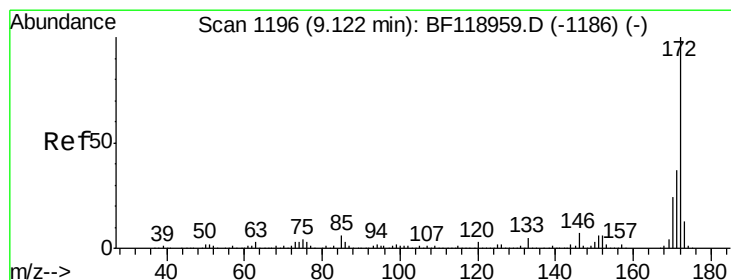
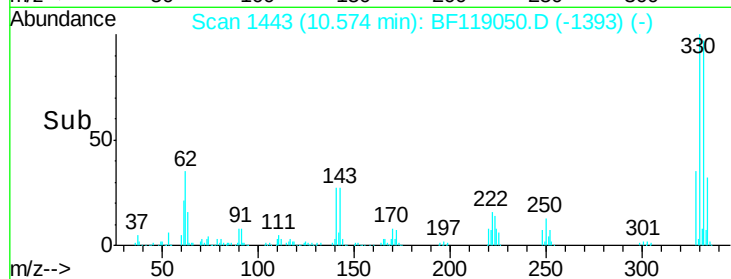
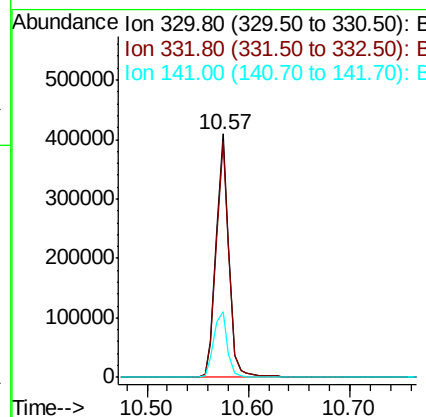
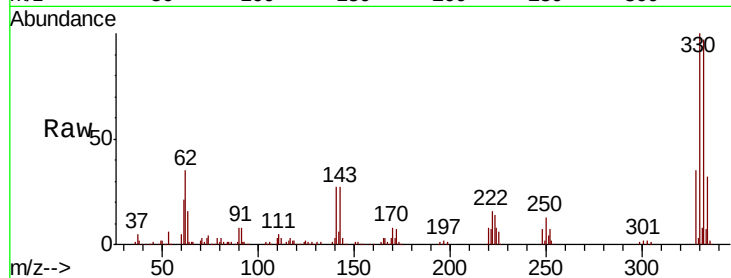




#42
 2,4,6-Tribromophenol
 Concen: 95.535 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

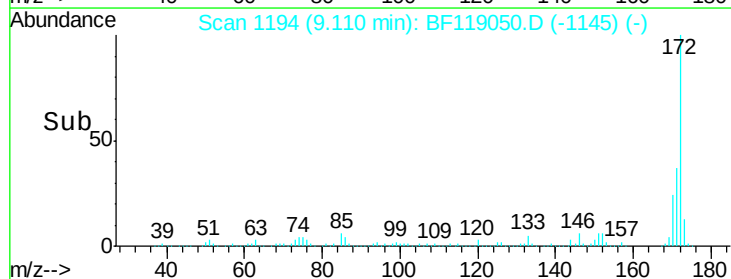
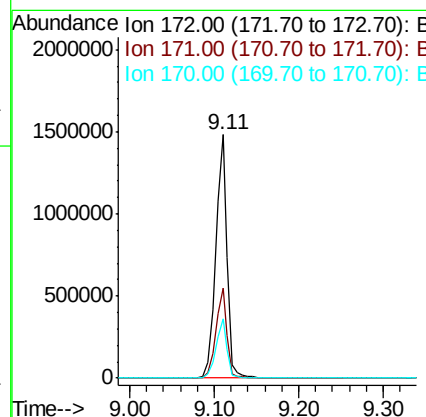
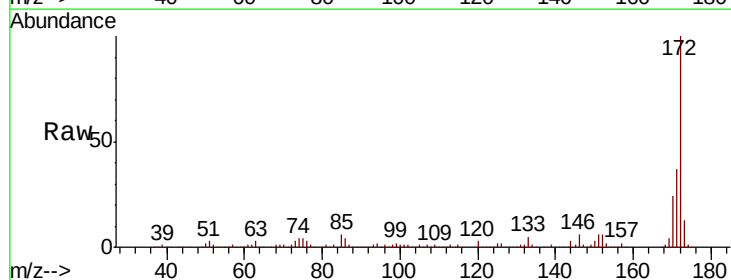
Instrument :
 BNA_F
 ClientSampled :

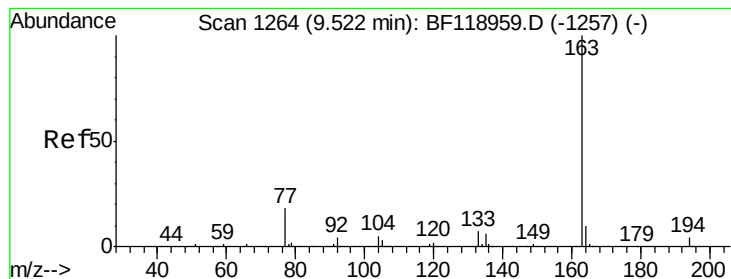
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.7	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 71.928 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 4.657 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

Instrument :

BNA_F

ClientSampleId :

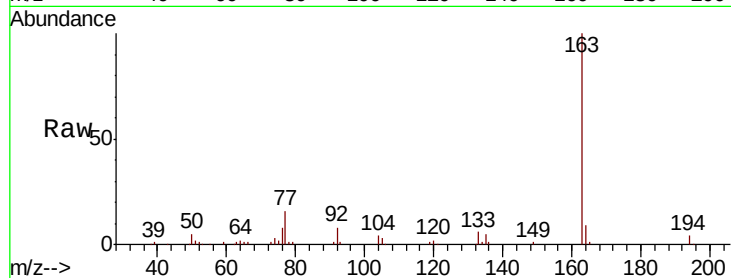
Tot Ion:163 Resp: 103520

Ion Ratio Lower Upper

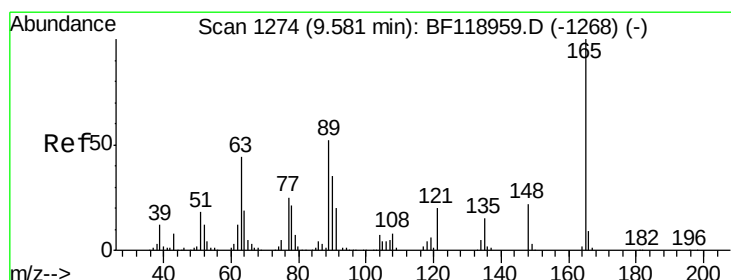
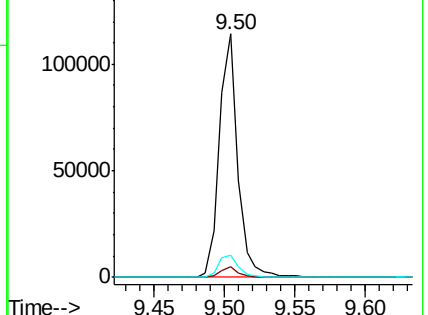
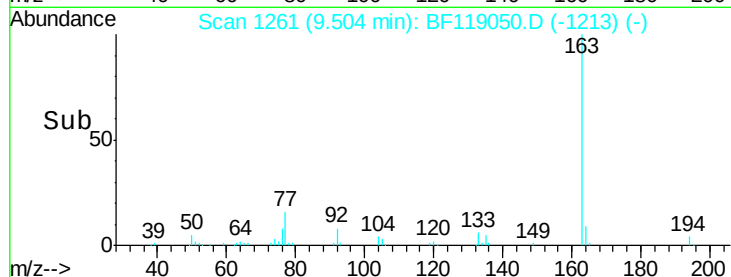
163 100

194 4.3 3.4 5.2

164 9.3 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: 7.590 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119050.D

Acq: 25 Feb 2020 5:18

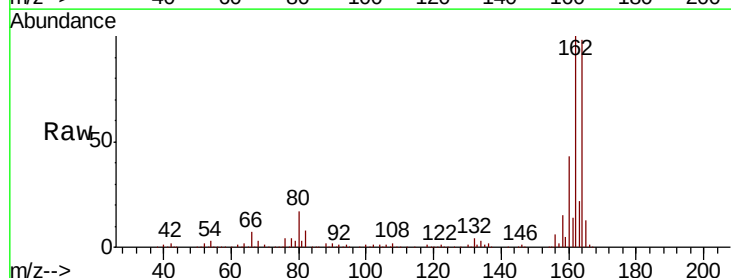
Tgt Ion:165 Resp: 37487

Ion Ratio Lower Upper

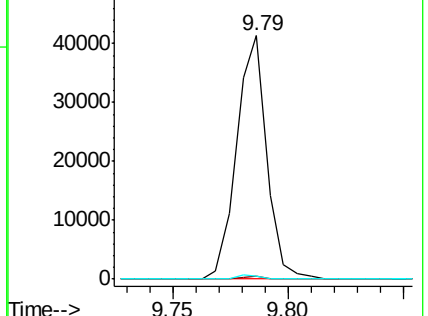
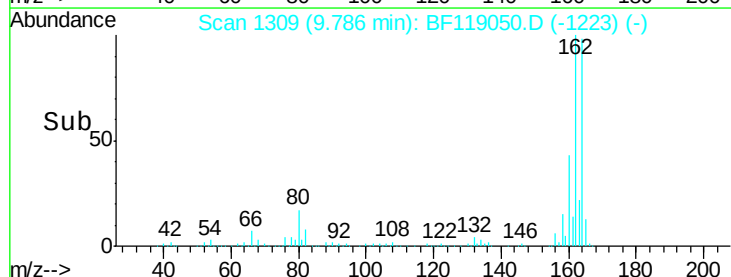
165 100

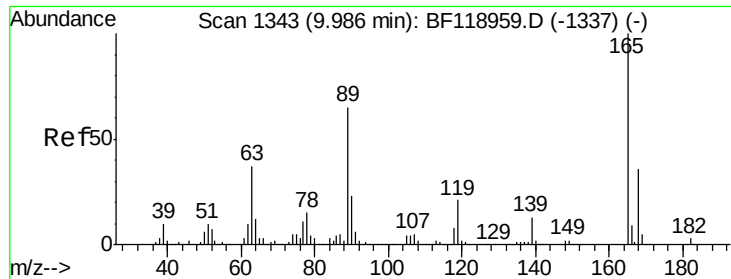
63 1.2 37.9 56.9#

89 1.3 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

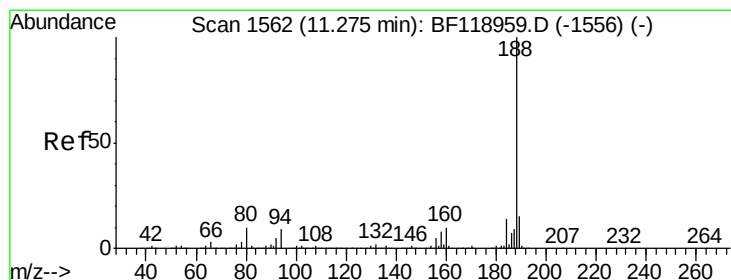
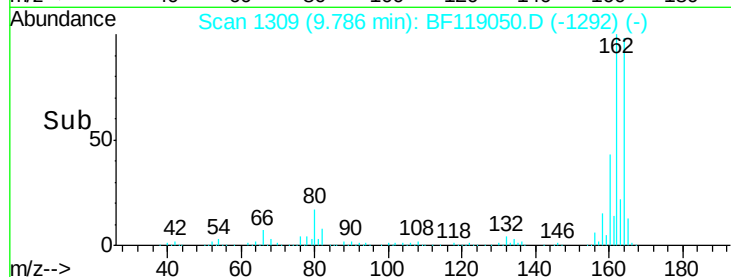
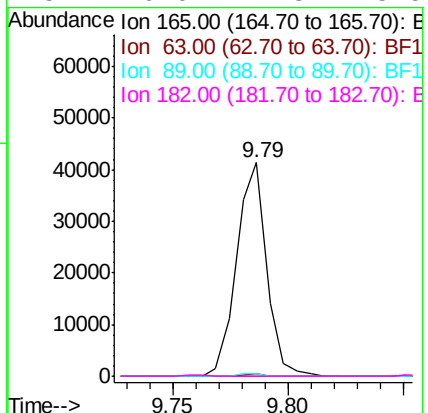
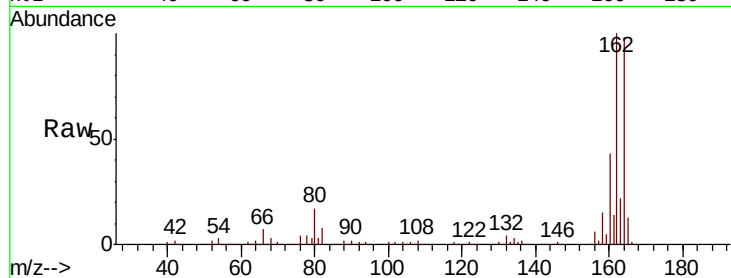




#57
 2,4-Dinitrotoluene
 Concen: 5.856 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

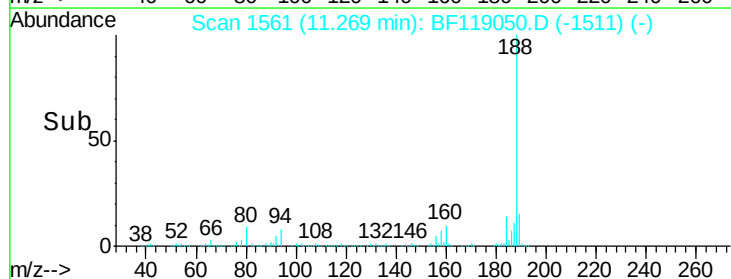
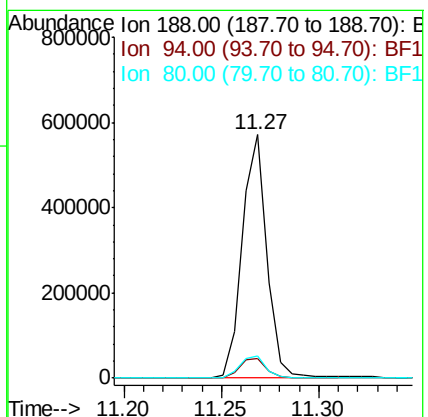
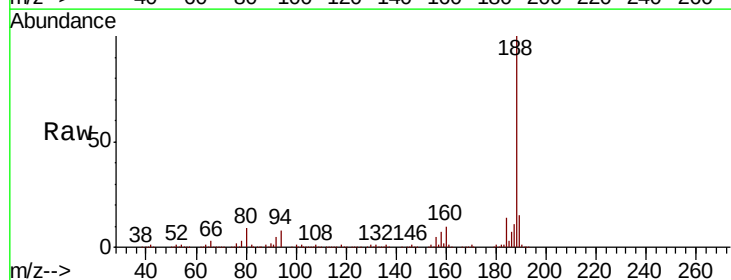
Instrument :
 BNA_F
 ClientSampleId :

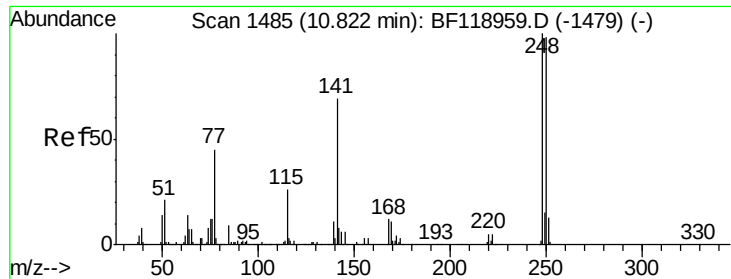
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.3	51.9	77.9#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	9.1	7.9	11.9

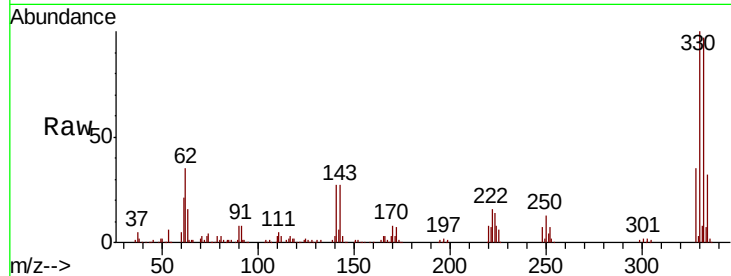




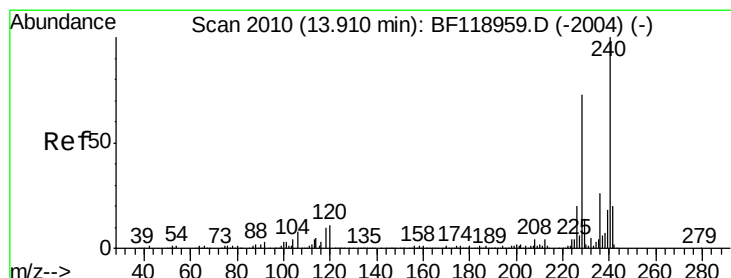
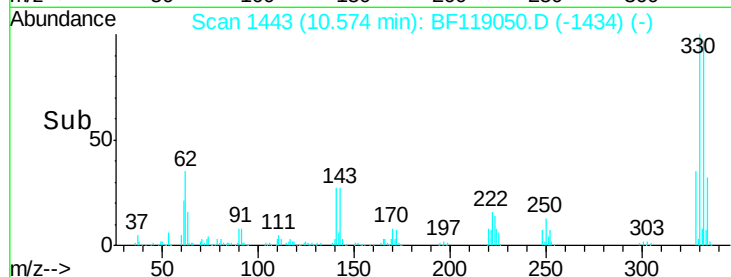
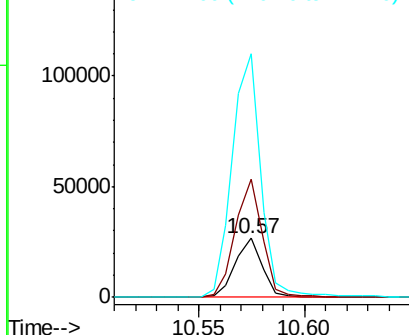
#67
4-Bromophenyl-phenylether
Concen: 3.637 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23788
Ion Ratio Lower Upper
248 100
250 199.0 78.8 118.2#
141 411.8 55.3 82.9#

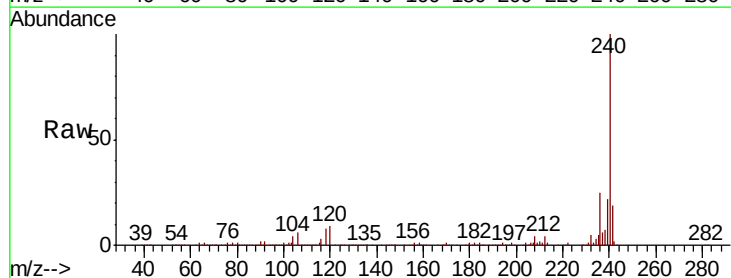


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

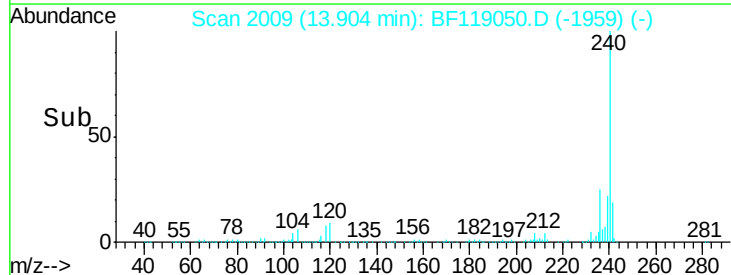
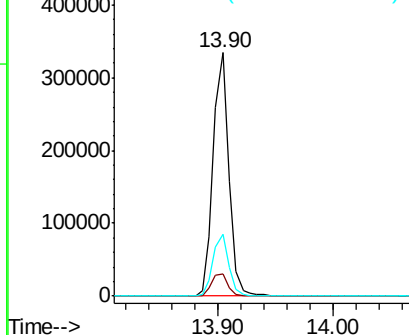


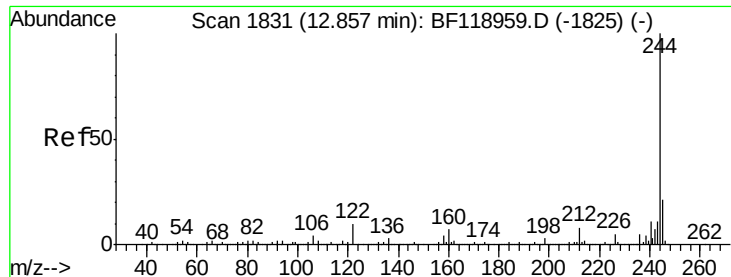
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119050.D
Acq: 25 Feb 2020 5:18

Tgt Ion:240 Resp: 316311
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 25.4 20.6 30.8



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



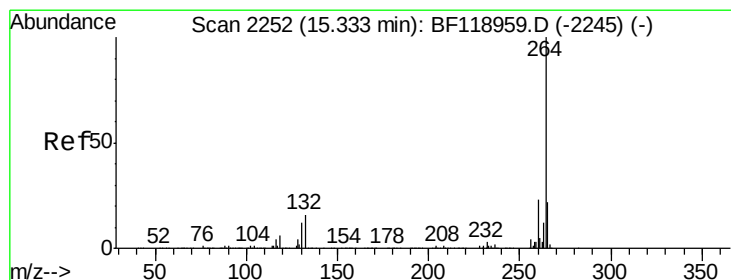
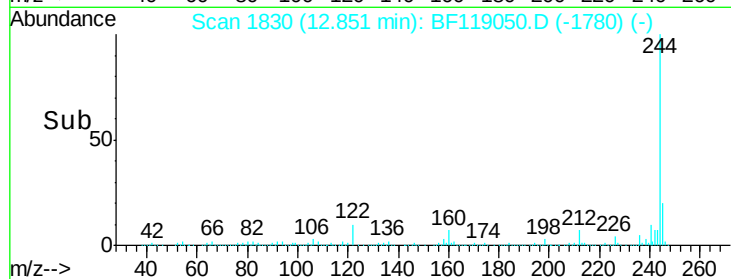
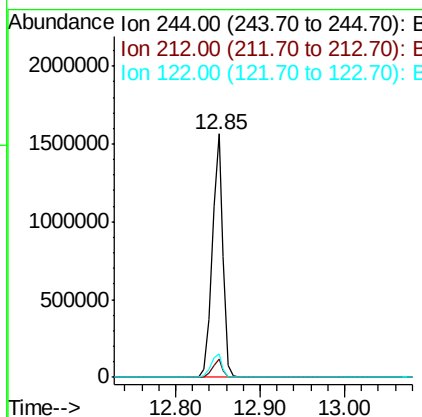
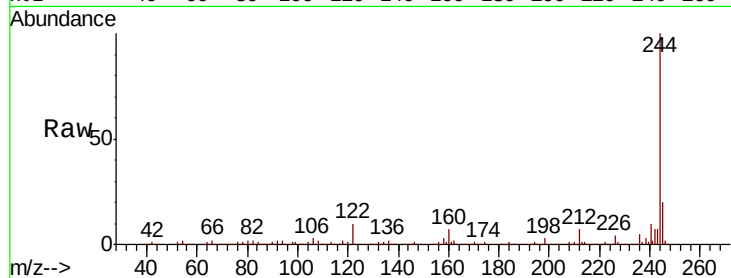


#79
 Terphenyl-d14
 Concen: 76.615 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1407595

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	9.8	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119050.D
 Acq: 25 Feb 2020 5:18

Tgt Ion:264 Resp: 340096

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.6	17.3	25.9

