

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119061.D
 Acq On : 25 Feb 2020 11:38
 Operator : CG/JU
 Sample : L1659-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 12:35:06 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

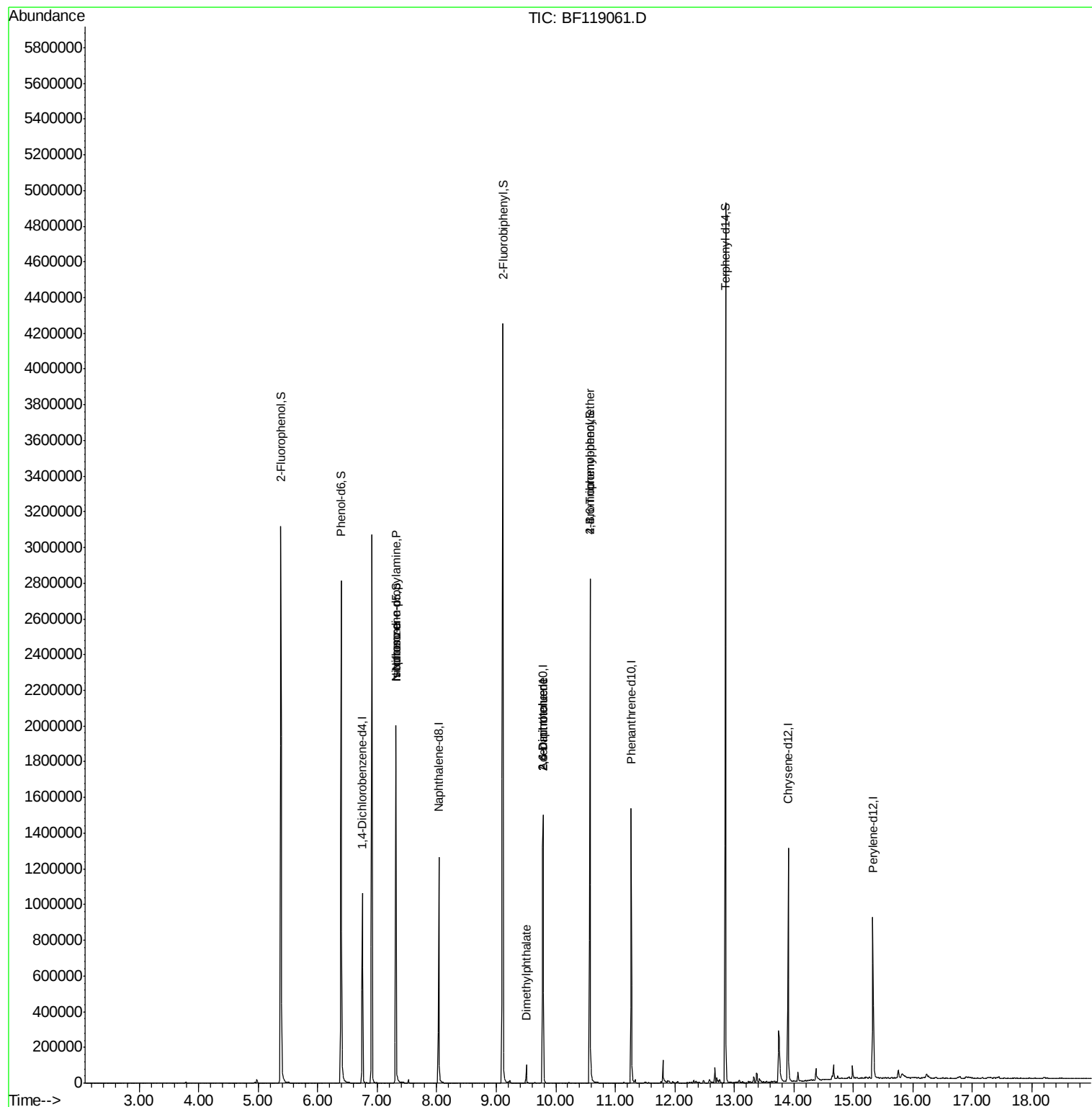
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	159437	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	614998	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	334730	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	603078	20.00	ng	0.00
76) Chrysene-d12	13.90	240	440544	20.00	ng	0.00
87) Perylene-d12	15.33	264	433311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	907767	95.15	ng	0.00
7) Phenol-d6	6.40	99	1100254	94.83	ng	0.00
23) Nitrobenzene-d5	7.32	82	730587	62.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	386793	88.33	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1471568	64.76	ng	-0.01
79) Terphenyl-d14	12.85	244	1742551	68.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	100343	14.841	ng	# 75
25) Isophorone	7.32	82	730579	36.116	ng	# 63
50) Dimethylphthalate	9.50	163	52710	2.059	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	43337	7.621	ng	# 29
57) 2,4-Dinitrotoluene	9.79	165	43337	5.879	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	25955	3.293	ng	# 1

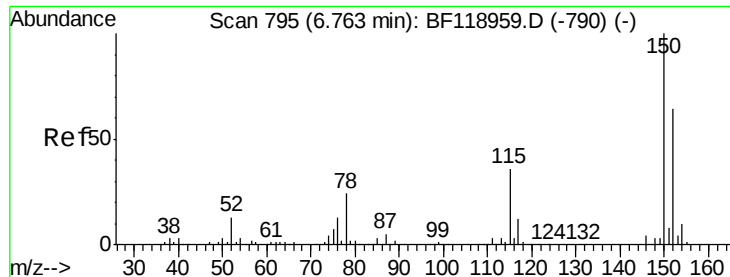
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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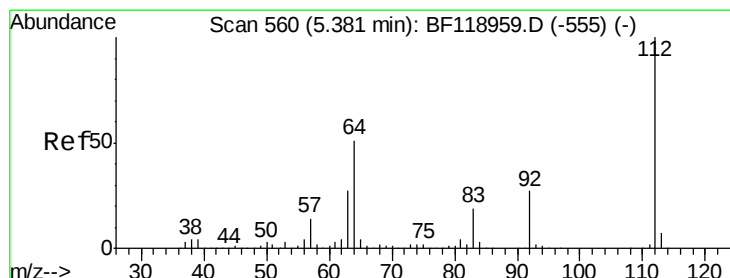
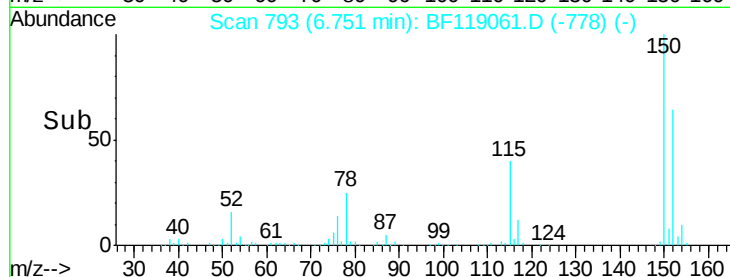
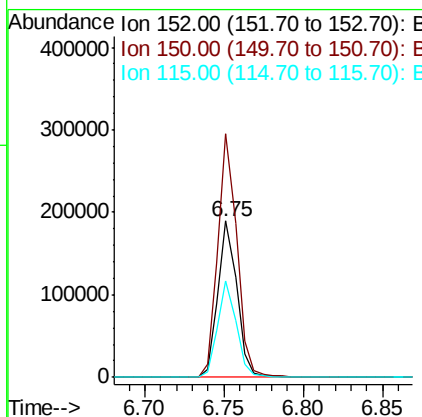
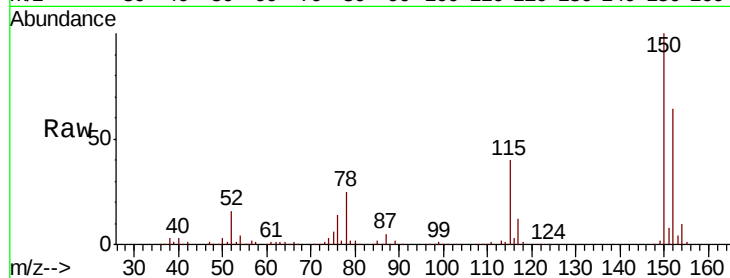


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Instrument :
BNA_F
ClientSampleId :

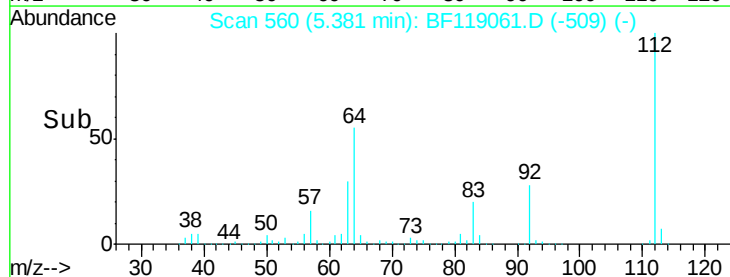
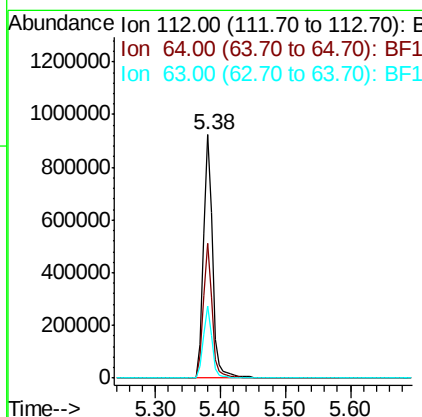
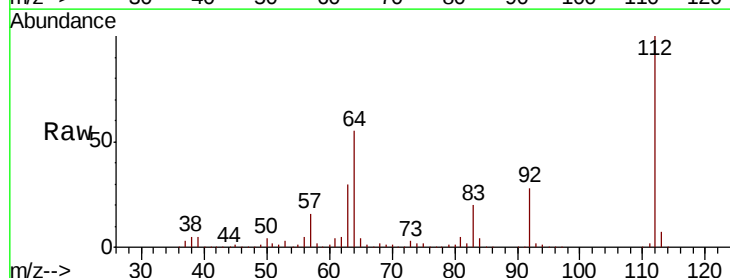
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.3	186.5
115	61.6	44.6	67.0

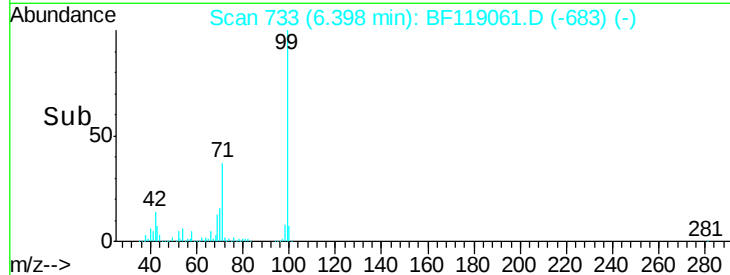
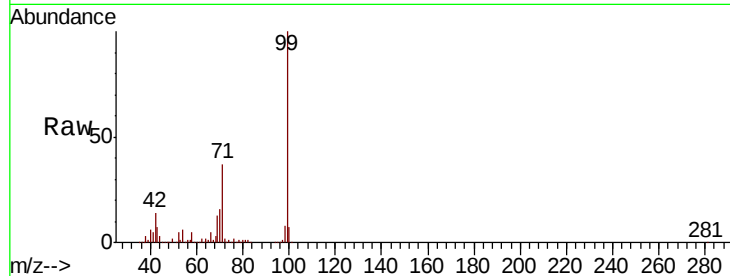


#5

2-Fluorophenol
Concen: 95.150 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	40.4	60.6
63	29.5	21.3	31.9





#7

Phenol-d6

Concen: 94.826 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

Instrument :

BNA_F

ClientSampled :

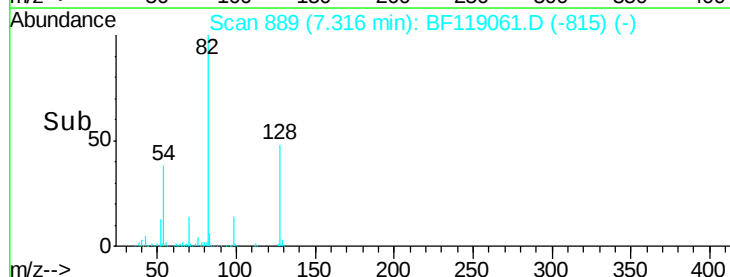
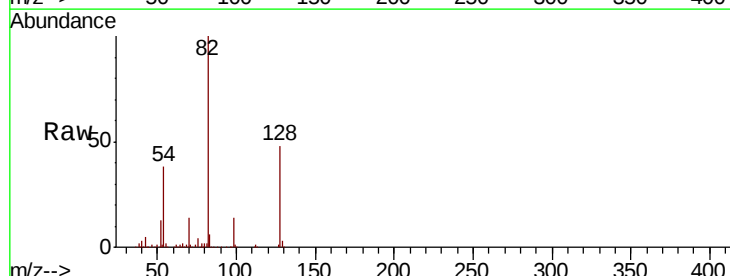
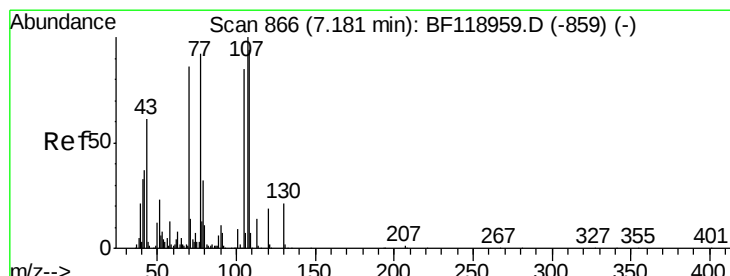
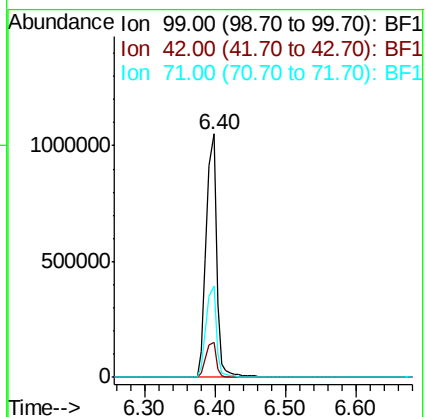
Tot Ion: 99 Resp: 1100254

Ion Ratio Lower Upper

99 100

42 14.5 11.4 17.0

71 37.3 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.841 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

Tgt Ion: 70 Resp: 100343

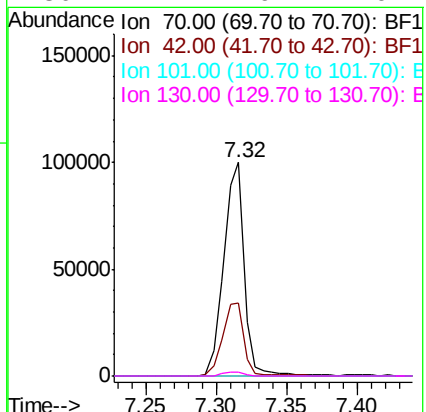
Ion Ratio Lower Upper

70 100

42 34.3 34.6 51.8#

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#

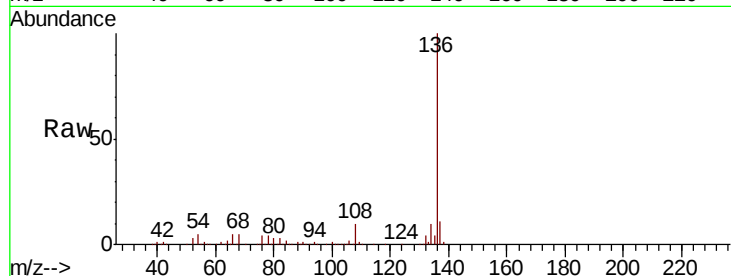




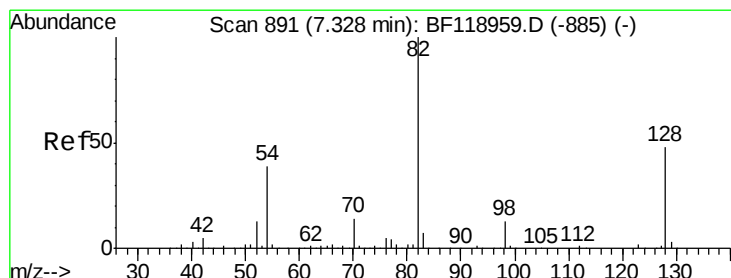
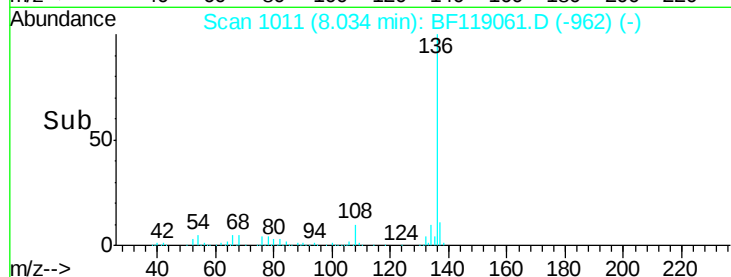
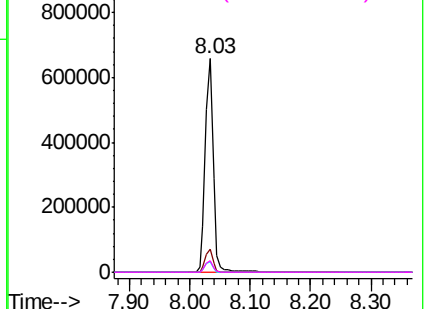
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	614998
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	4.9	3.8 5.6
68	5.1	4.2 6.2

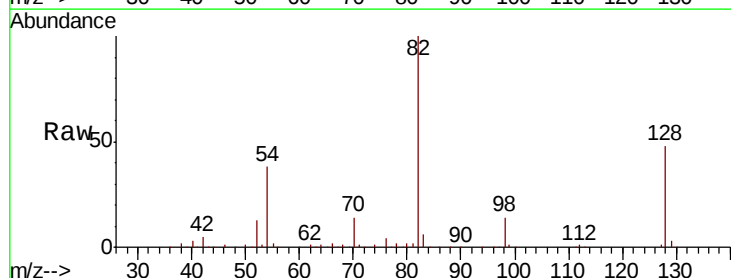


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

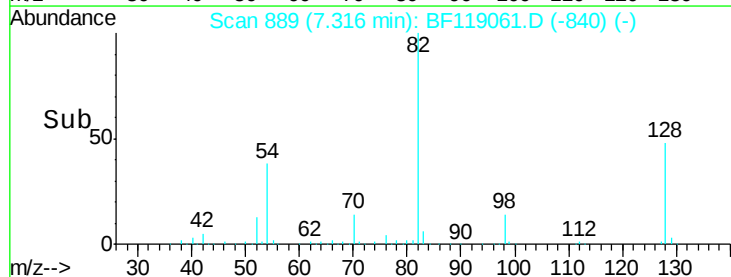
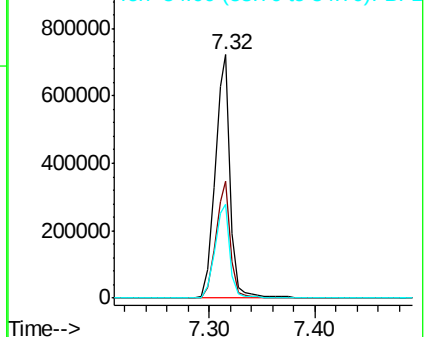


#23
Nitrobenzene-d5
Concen: 62.724 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion: 82	Resp:	730587
Ion	Ratio	Lower Upper
82	100	
128	48.0	38.2 57.2
54	38.4	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

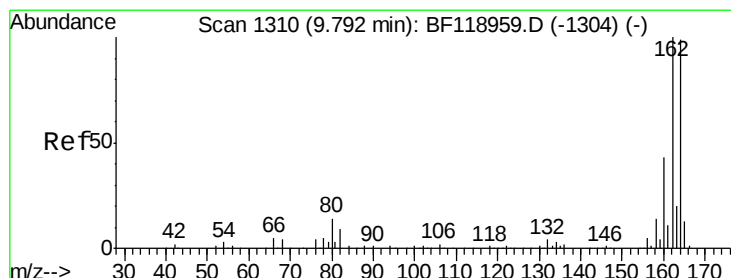
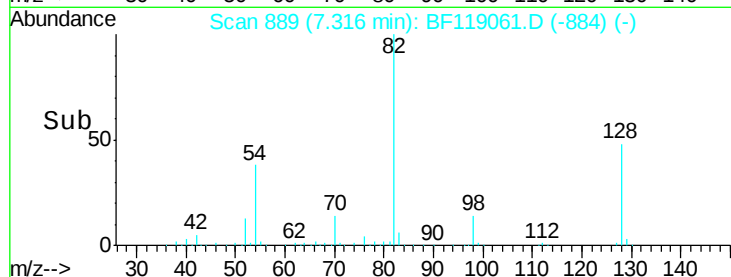
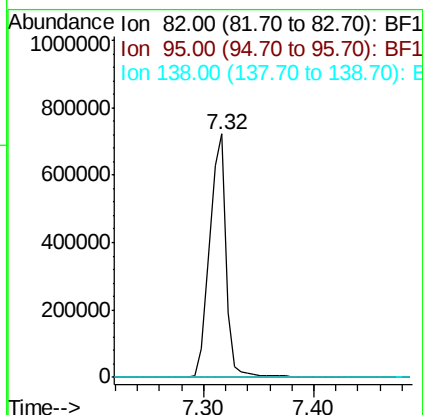
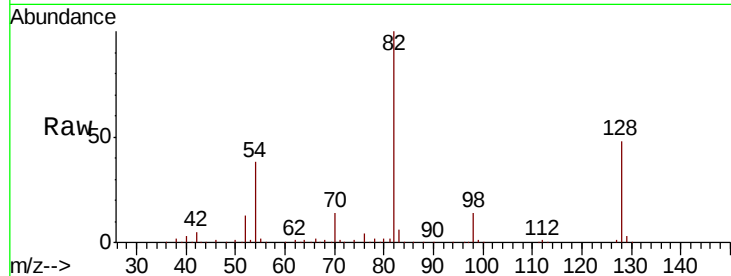




#25
Isophorone
Concen: 36.116 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

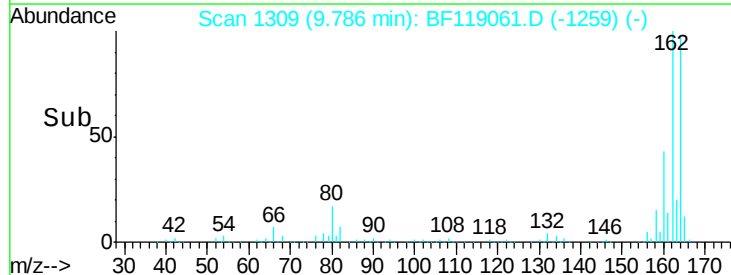
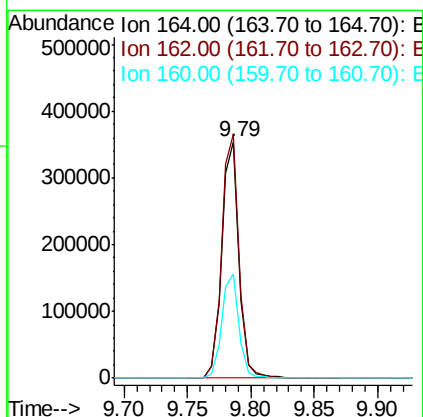
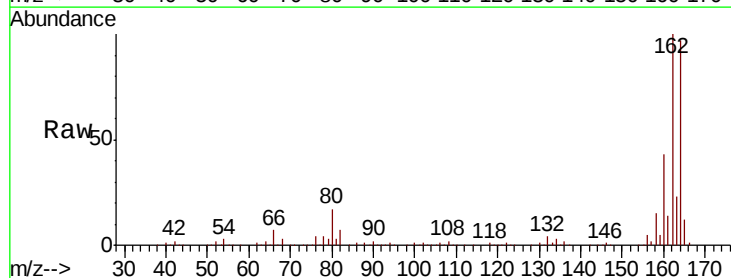
Instrument :
BNA_F
ClientSampled :

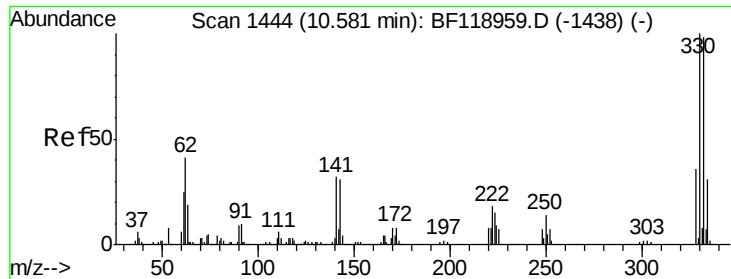
Tot Ion: 82 Resp: 730579
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119061.D
Acq: 25 Feb 2020 11:38

Tgt Ion: 164 Resp: 334730
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 44.3 35.2 52.8

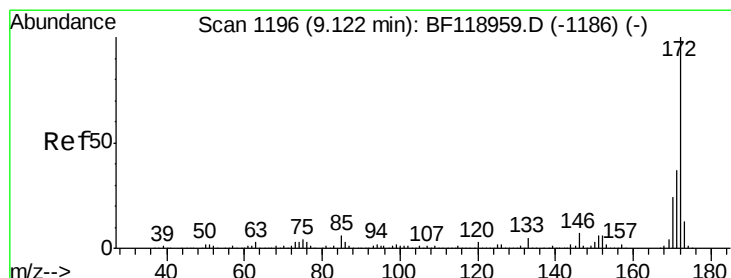
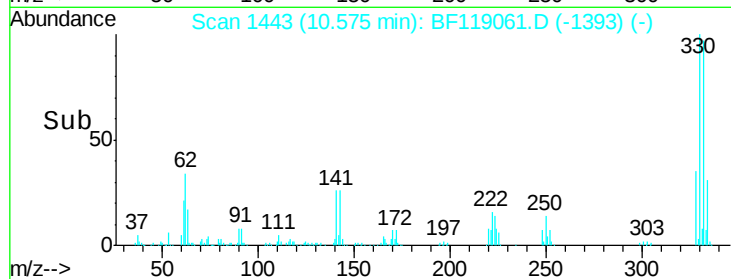
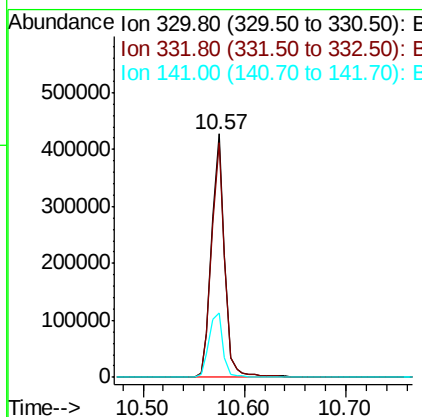
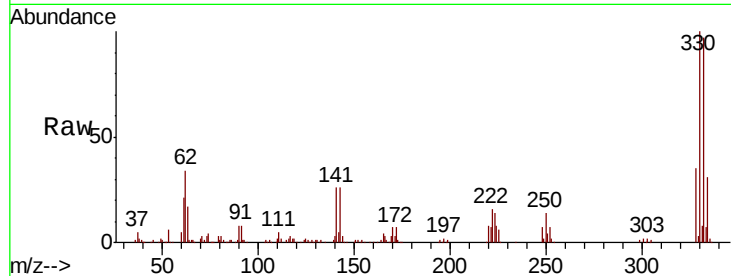




#42
 2,4,6-Tribromophenol
 Concen: 88.332 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

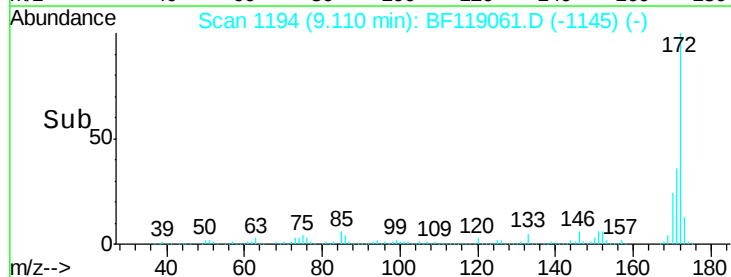
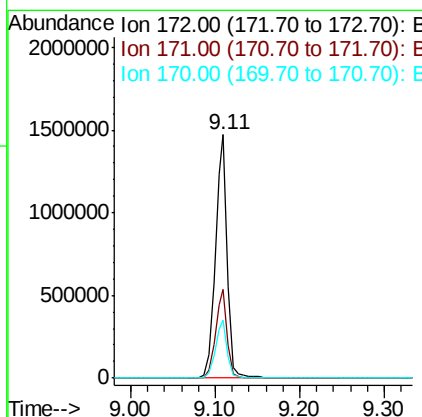
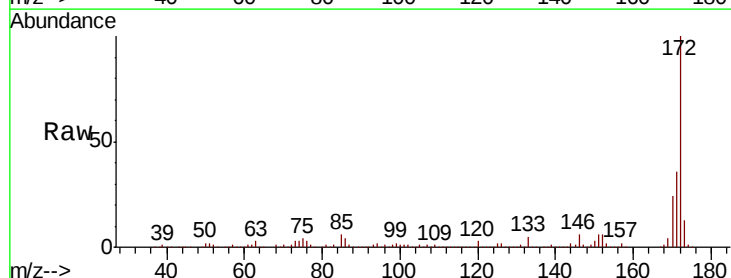
Instrument :
 BNA_F
 ClientSampleId :

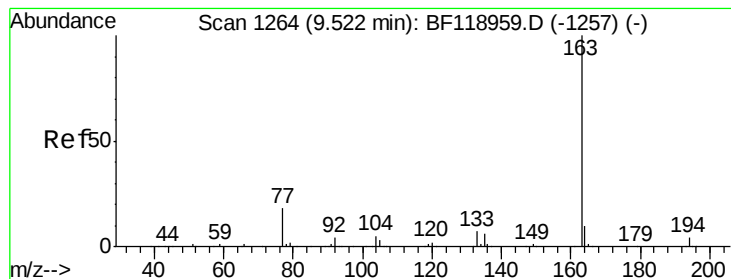
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	29.0	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 64.765 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	23.8	19.6	29.4





#50

Dimethylphthalate

Concen: 2.059 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

Instrument :

BNA_F

ClientSampleId :

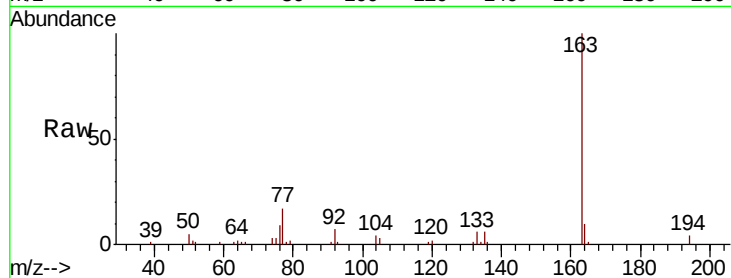
Tot Ion:163 Resp: 52710

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

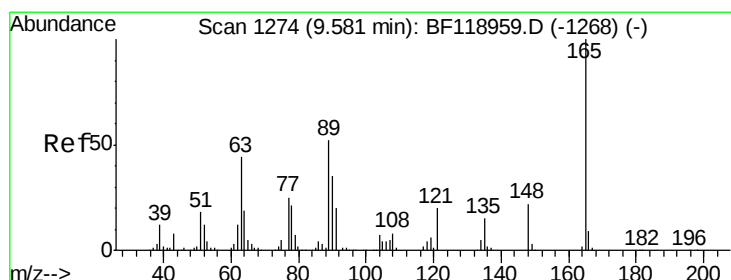
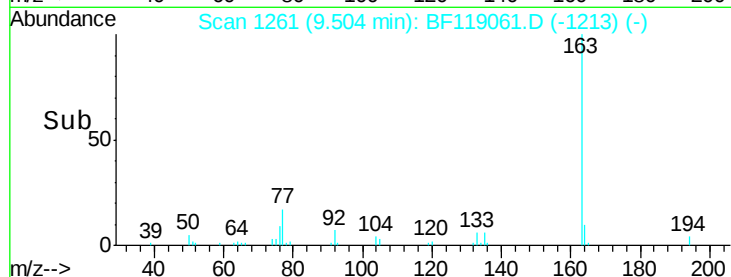
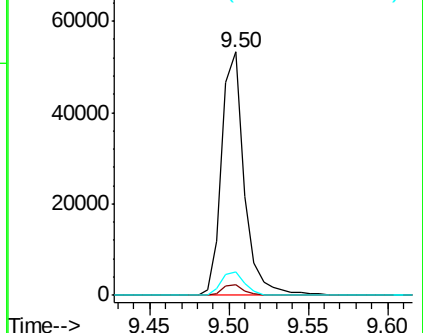
164 9.7 8.2 12.2



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: 7.621 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

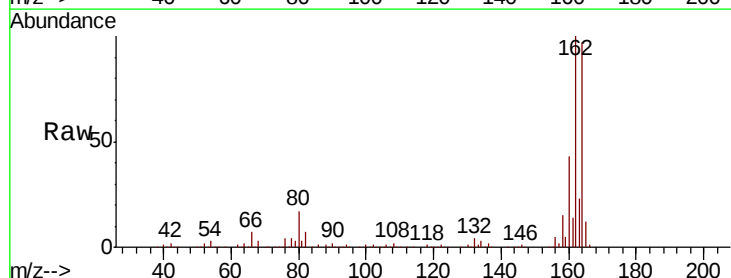
Tgt Ion:165 Resp: 43337

Ion Ratio Lower Upper

165 100

63 1.1 37.9 56.9#

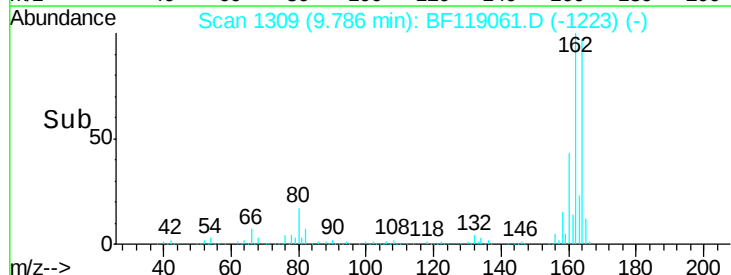
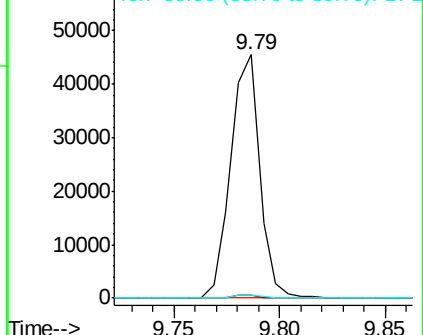
89 1.4 41.4 62.0#

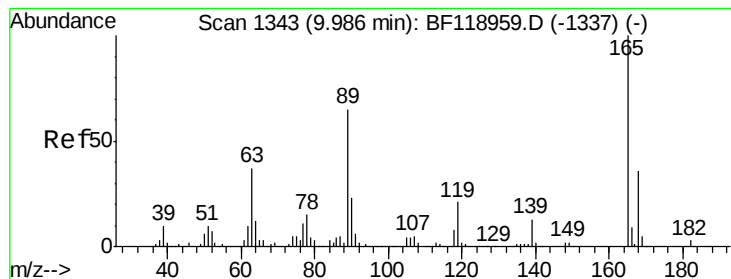


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.879 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119061.D

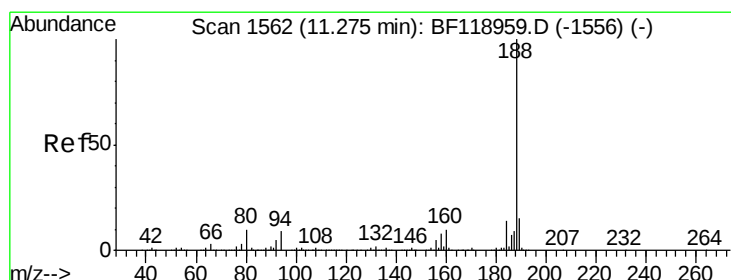
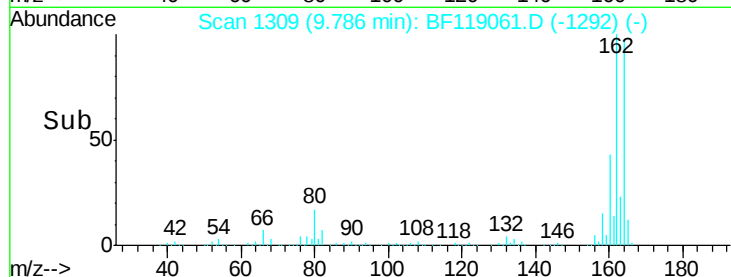
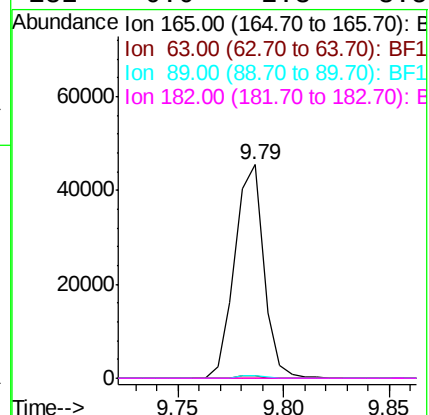
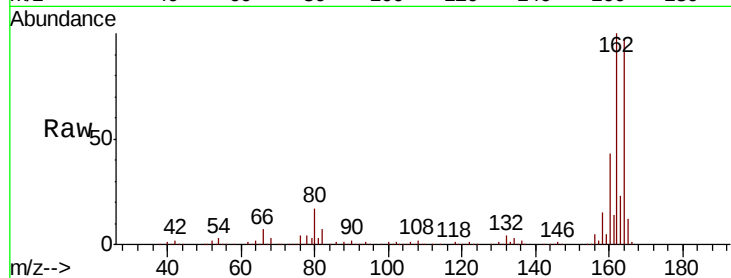
Acq: 25 Feb 2020 11:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	43337
Ion Ratio	Lower	Upper
165	100	
63	1.1	29.8 44.8#
89	1.4	51.9 77.9#
182	0.0	2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

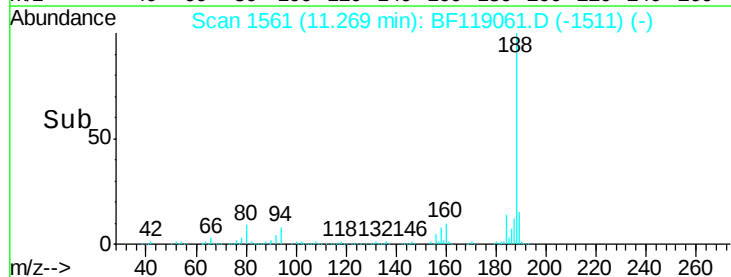
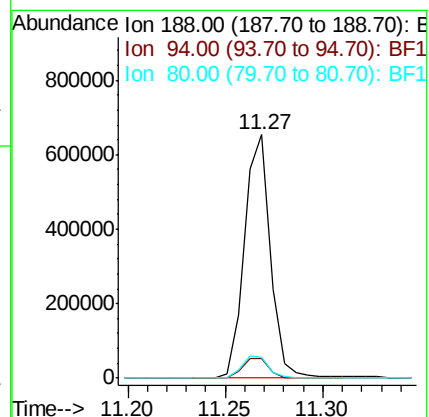
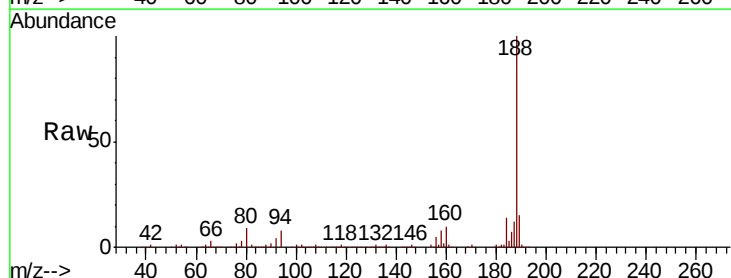
RT: 11.27 min Scan# 1561

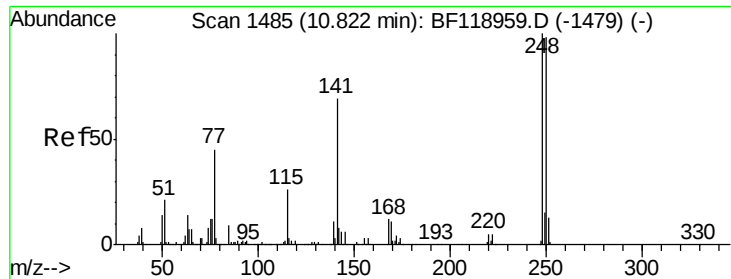
Delta R.T. -0.01 min

Lab File: BF119061.D

Acq: 25 Feb 2020 11:38

Tgt Ion:188	Resp:	603078
Ion Ratio	Lower	Upper
188	100	
94	7.9	7.0 10.6
80	8.7	7.9 11.9

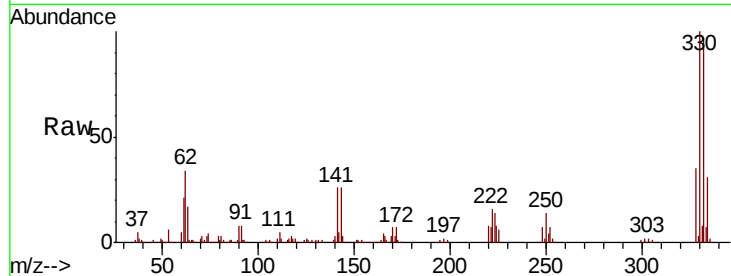




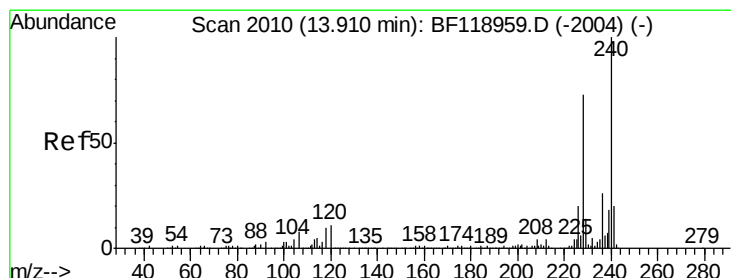
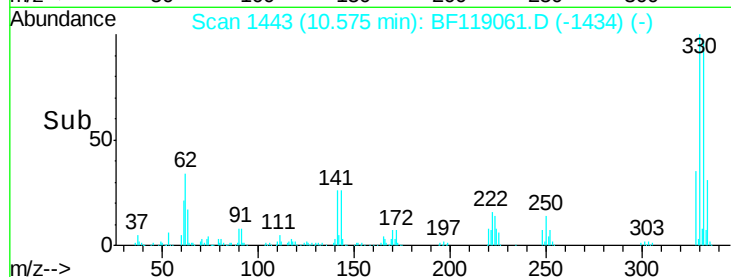
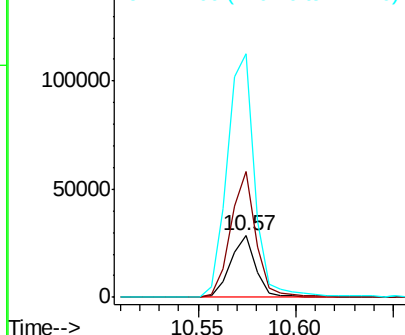
#67
 4-Bromophenyl-phenylether
 Concen: 3.293 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 25955
 Ion Ratio Lower Upper
 248 100
 250 202.9 78.8 118.2#
 141 393.9 55.3 82.9#

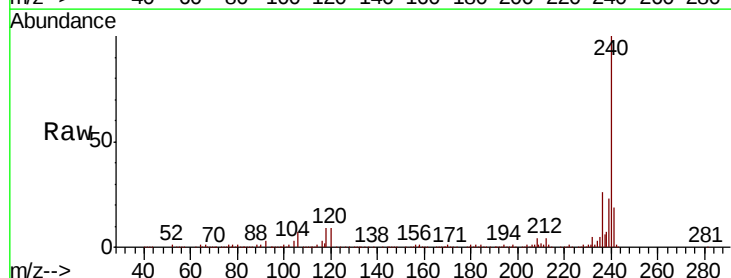


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

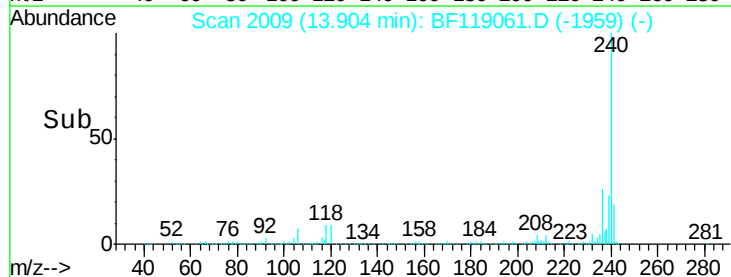
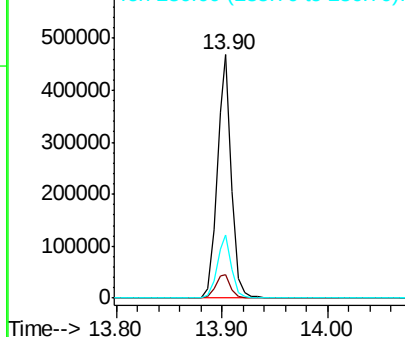


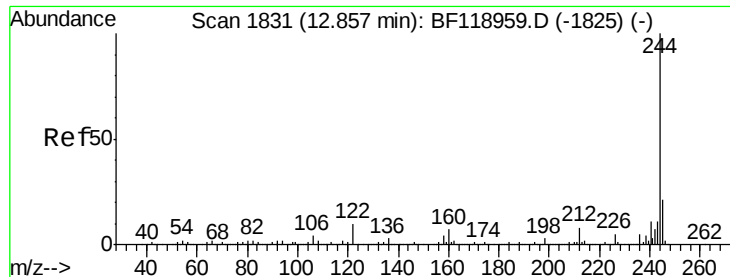
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Tgt Ion:240 Resp: 440544
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 25.8 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



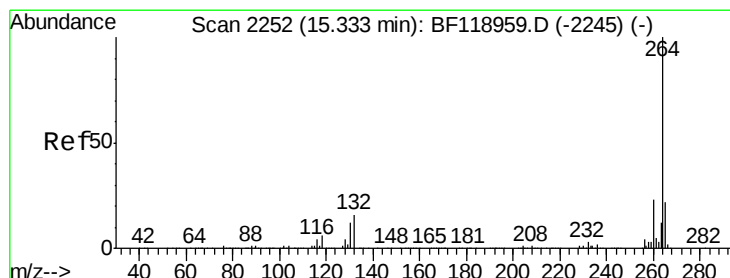
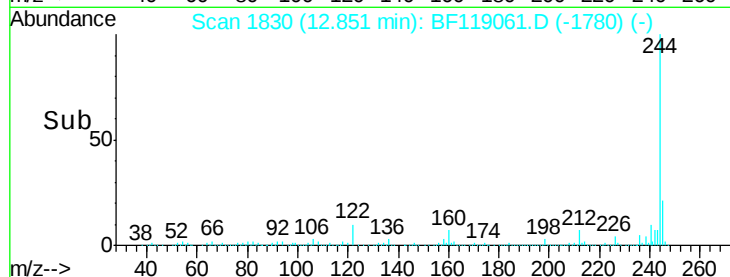
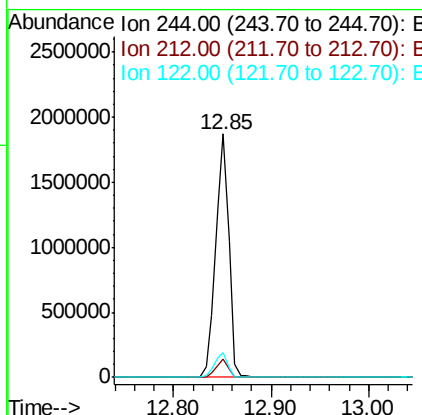
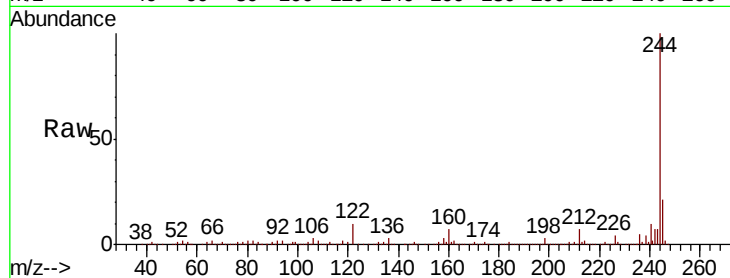


#79
 Terphenyl-d14
 Concen: 68.100 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1742551

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.0	8.4	12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119061.D
 Acq: 25 Feb 2020 11:38

Tgt Ion:264 Resp: 433311

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.6	17.3	25.9

