

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119054.D
 Acq On : 25 Feb 2020 8:13
 Operator : CG/JU
 Sample : L1659-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 10:10:11 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

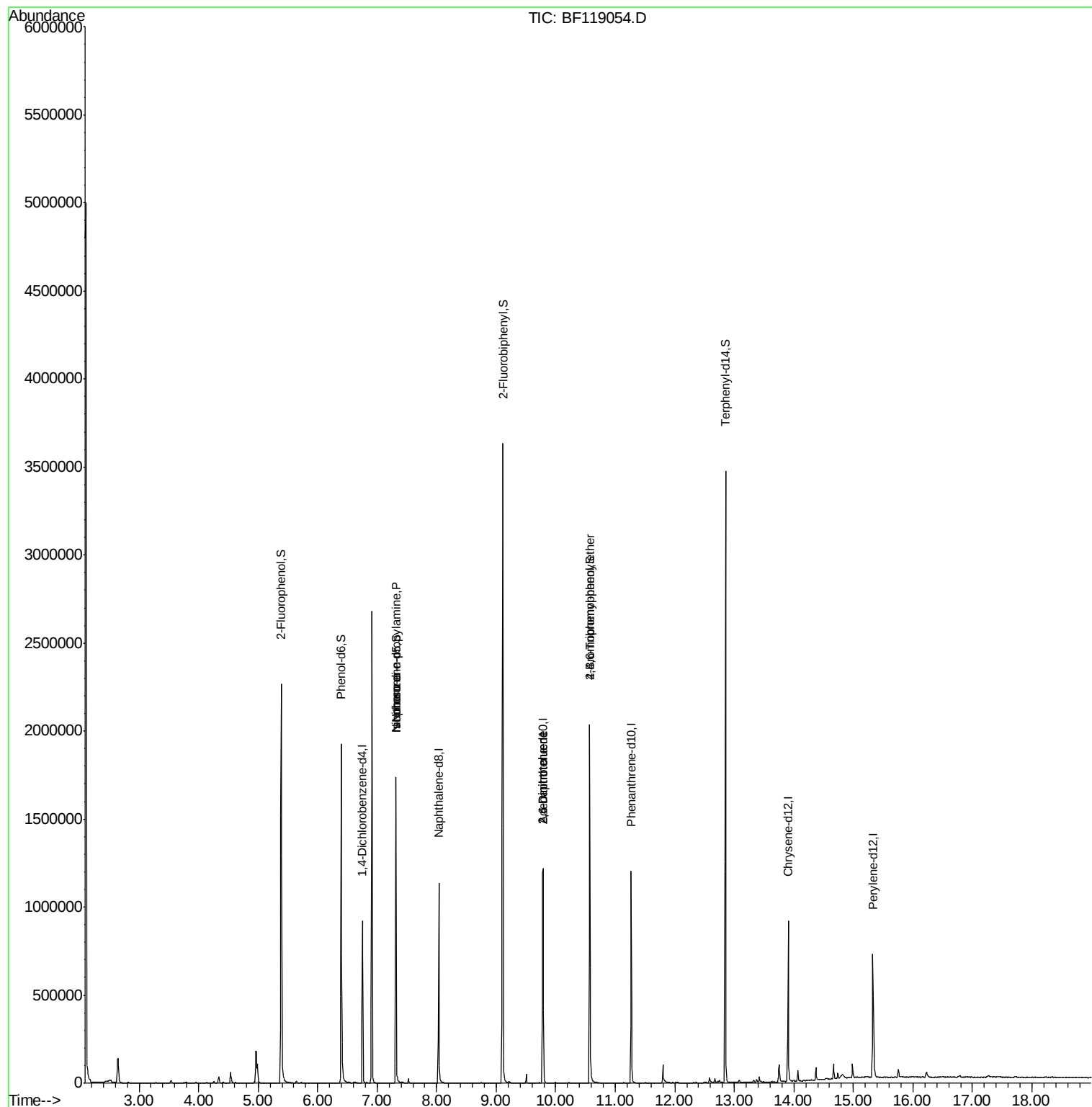
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	143296	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	549300	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	288508	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	476412	20.00	ng	0.00
76) Chrysene-d12	13.90	240	314905	20.00	ng	0.00
87) Perylene-d12	15.33	264	361550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	686362	80.05	ng	0.00
7) Phenol-d6	6.40	99	715964	68.66	ng	0.00
23) Nitrobenzene-d5	7.32	82	618122	59.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	306553	81.22	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1247477	63.70	ng	-0.01
79) Terphenyl-d14	12.85	244	1288081	70.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	83452	13.733	ng	# 74
25) Isophorone	7.32	82	618118	34.211	ng	# 63
51) 2,6-Dinitrotoluene	9.78	165	36578	7.463	ng	# 29
57) 2,4-Dinitrotoluene	9.78	165	36578	5.757	ng	# 28
67) 4-Bromophenyl-phenylether	10.57	248	19991	3.210	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119054.D
Acq On : 25 Feb 2020 8:13
Operator : CG/JU
Sample : L1659-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 25 10:10:11 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



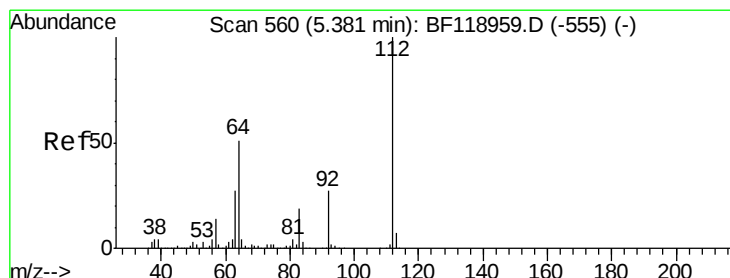
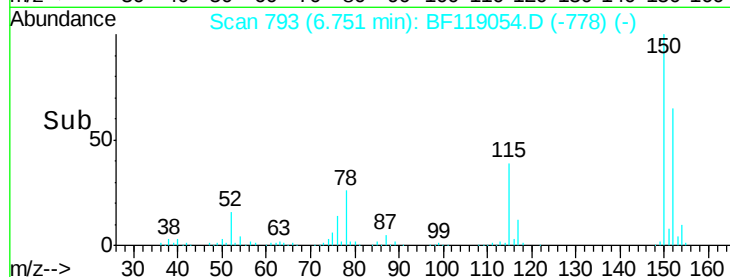
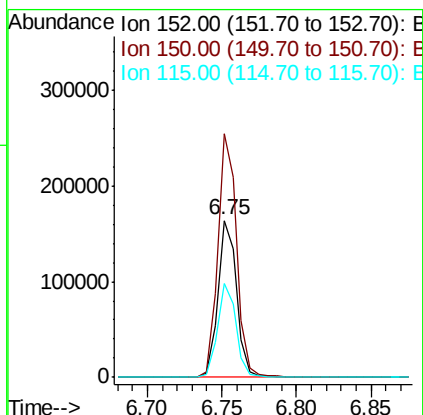
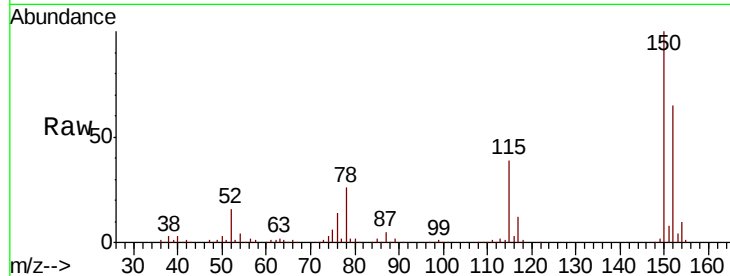


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Instrument :
 BNA_F
 ClientSampleId :

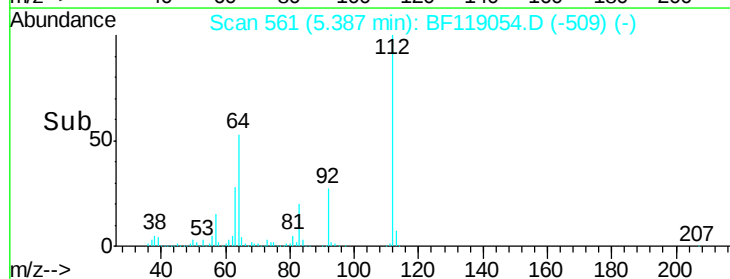
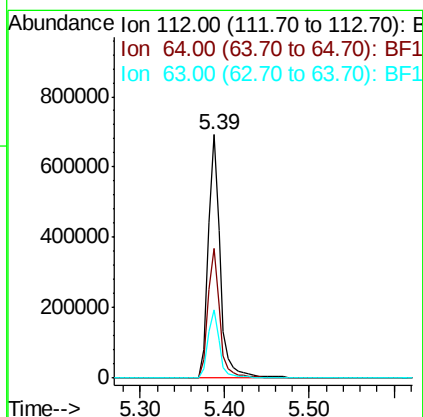
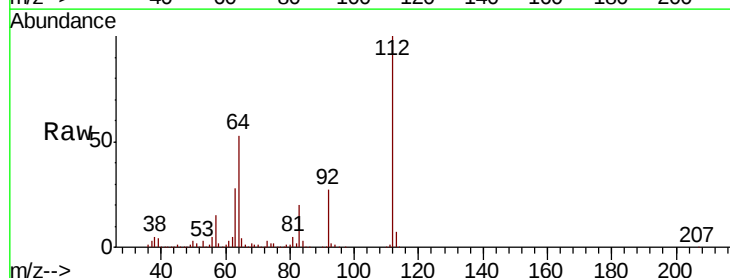
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	59.9	44.6	67.0



#5

2-Fluorophenol
 Concen: 80.046 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	40.4	60.6
63	28.0	21.3	31.9





#7

Phenol-d6

Concen: 68.656 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampled :

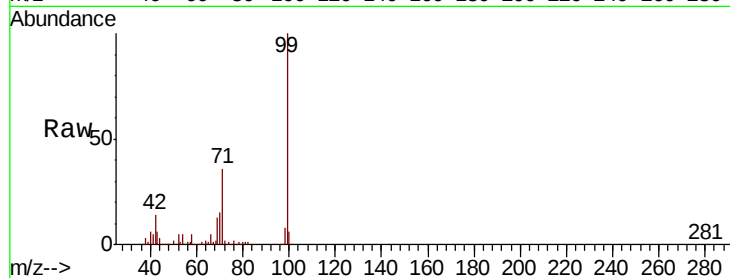
Tot Ion: 99 Resp: 715964

Ion Ratio Lower Upper

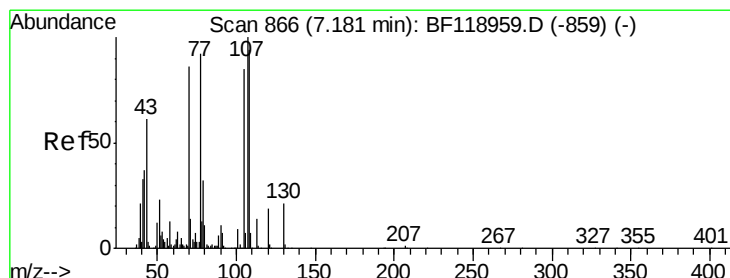
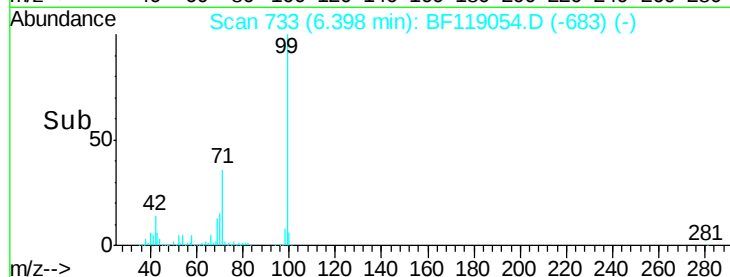
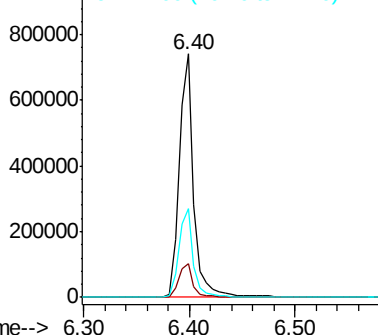
99 100

42 13.7 11.4 17.0

71 36.4 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.733 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Tgt Ion: 70 Resp: 83452

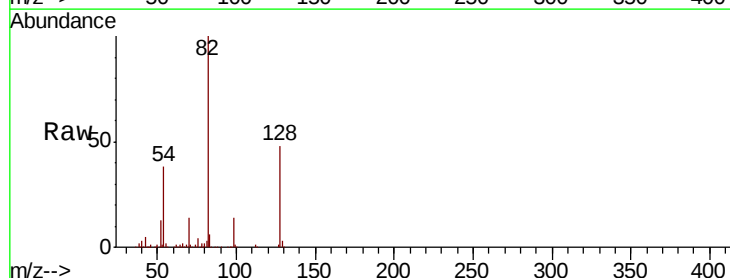
Ion Ratio Lower Upper

70 100

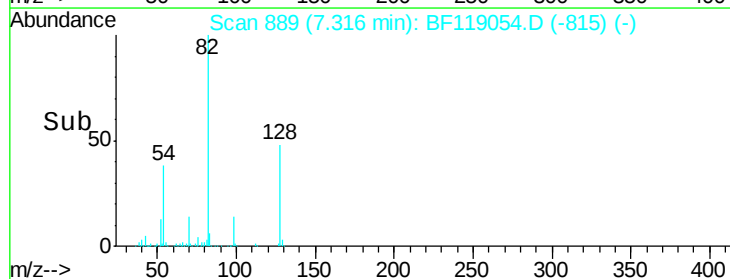
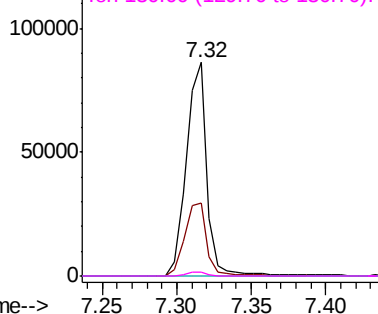
42 34.1 34.6 51.8#

101 0.0 8.1 12.1#

130 2.0 19.4 29.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

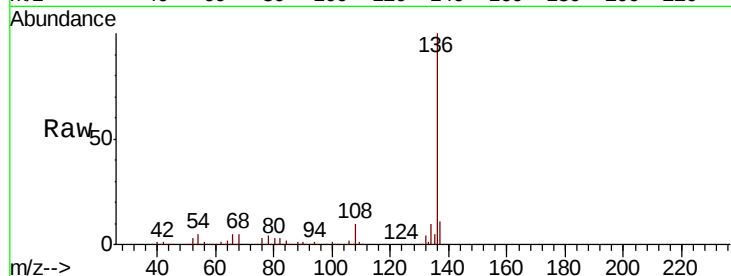




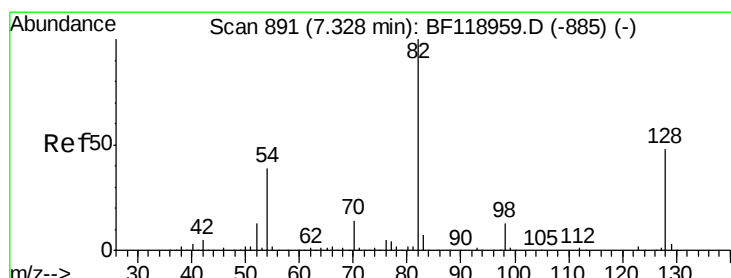
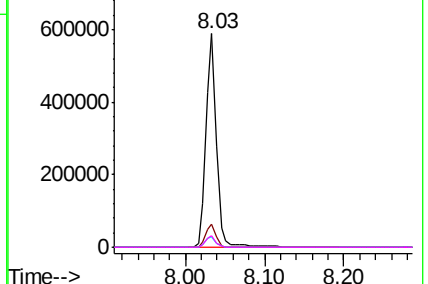
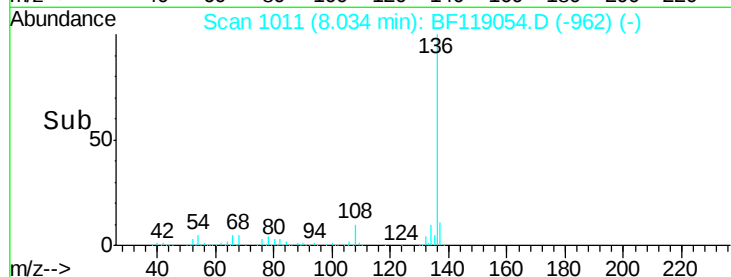
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	549300
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	4.8	3.8 5.6
68	5.4	4.2 6.2

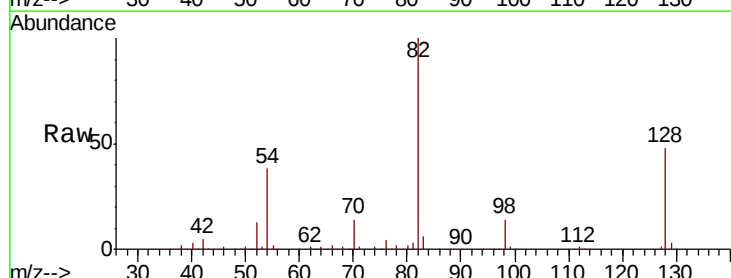


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

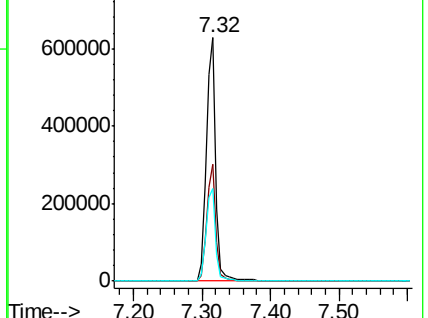
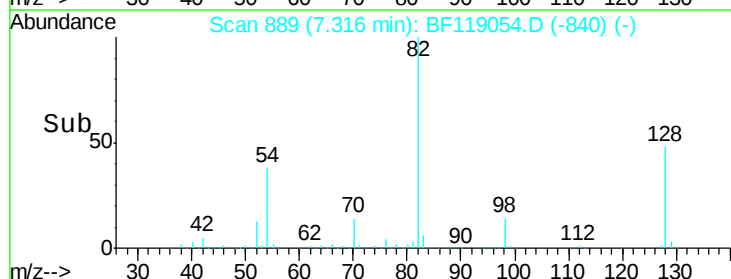


#23
Nitrobenzene-d5
Concen: 59.415 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

Tgt Ion: 82	Resp:	618122
Ion	Ratio	Lower Upper
82	100	
128	47.8	38.2 57.2
54	38.2	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

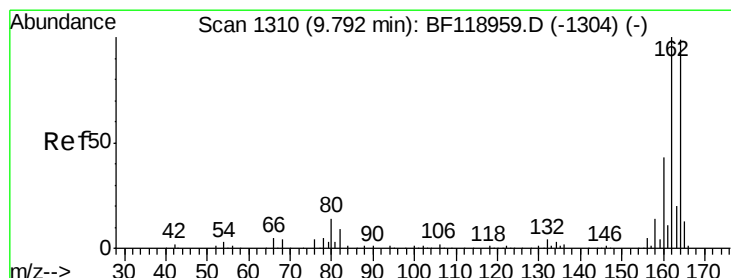
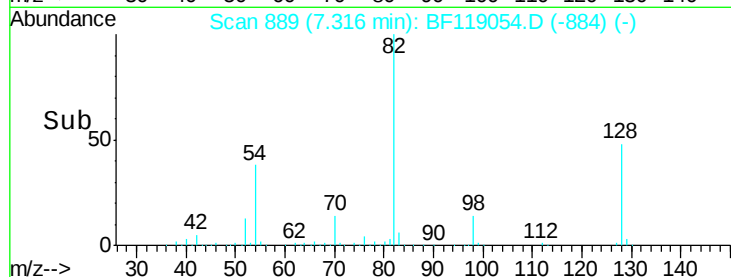
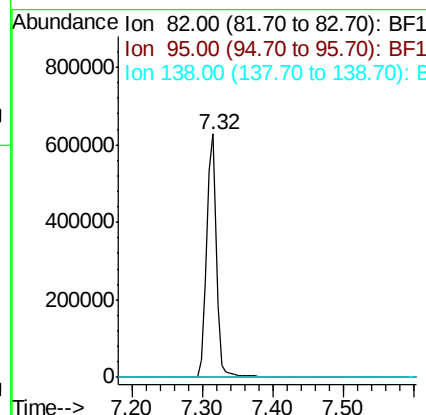
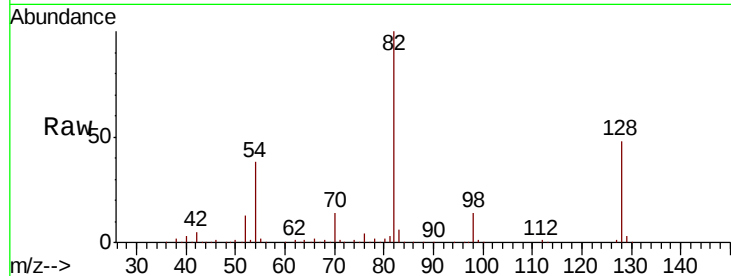




#25
Isophorone
Concen: 34.211 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

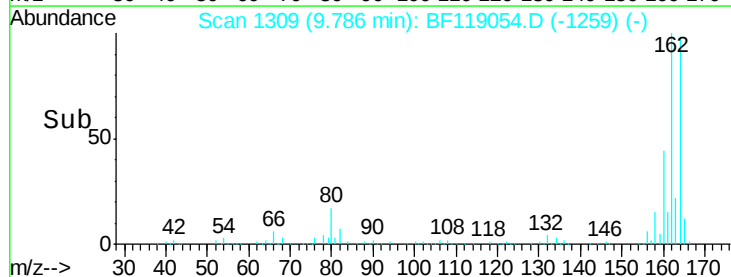
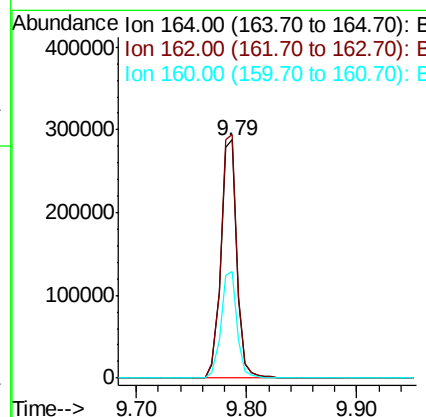
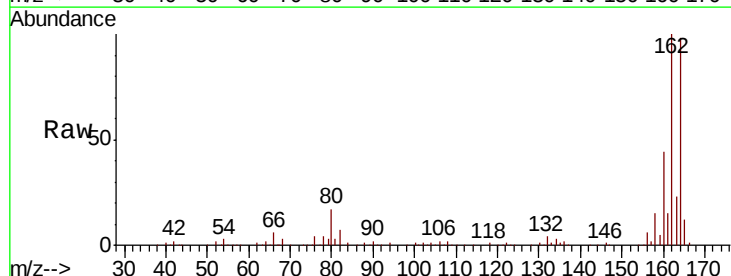
Instrument :
BNA_F
ClientSampleId :

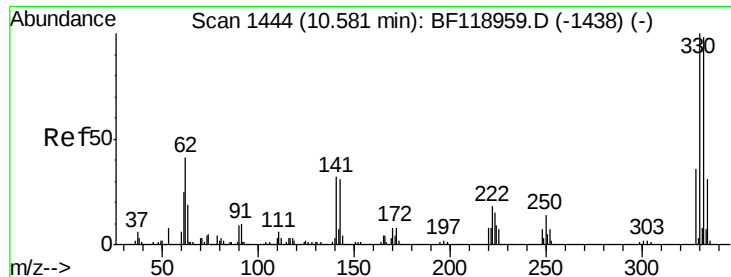
Tot Ion: 82 Resp: 618118
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119054.D
Acq: 25 Feb 2020 8:13

Tgt Ion: 164 Resp: 288508
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.8 35.2 52.8

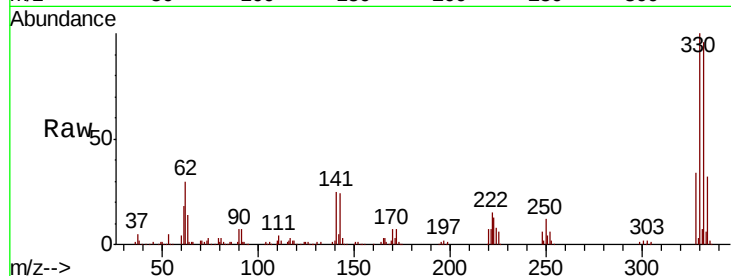




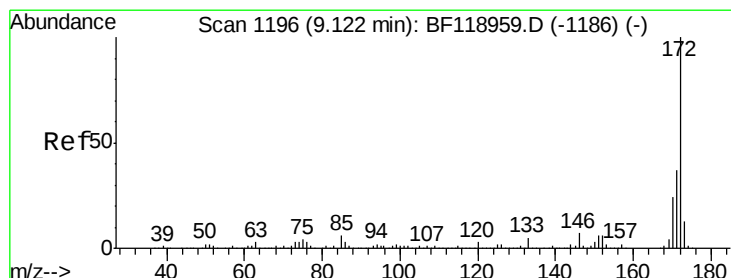
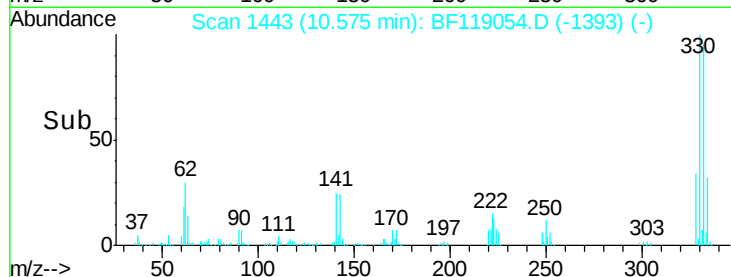
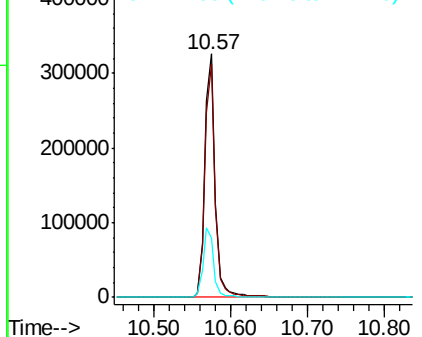
#42
 2,4,6-Tribromophenol
 Concen: 81.224 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	29.4	23.0	34.6

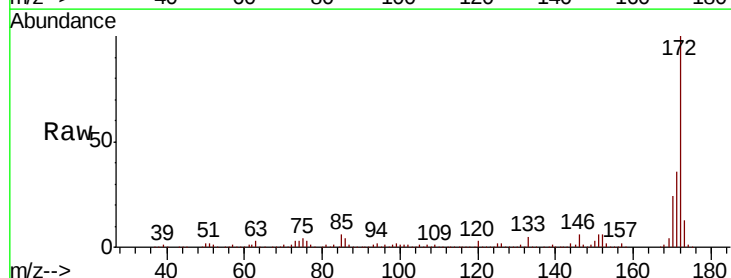


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

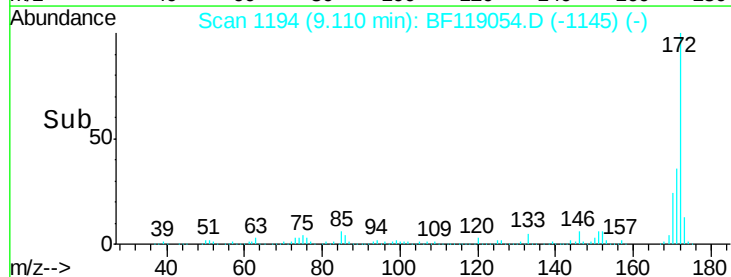
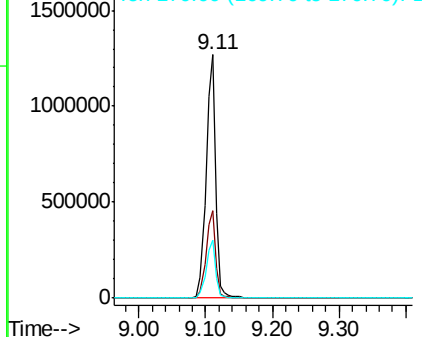


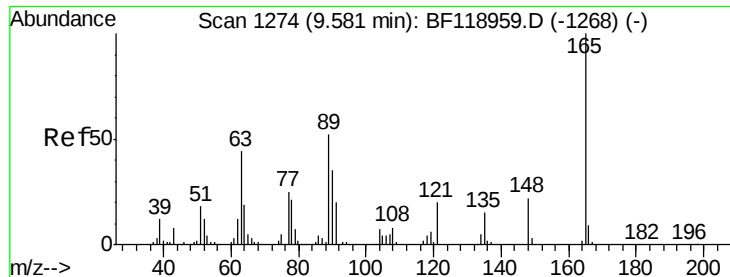
#45
 2-Fluorobiphenyl
 Concen: 63.698 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.2
170	23.7	19.6	29.4



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





#51

2,6-Dinitrotoluene

Concen: 7.463 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.20 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

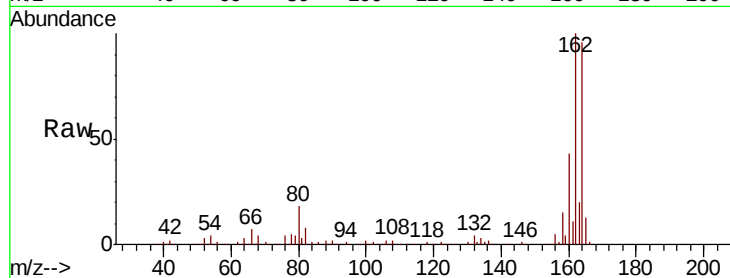
Tot Ion:165 Resp: 36578

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

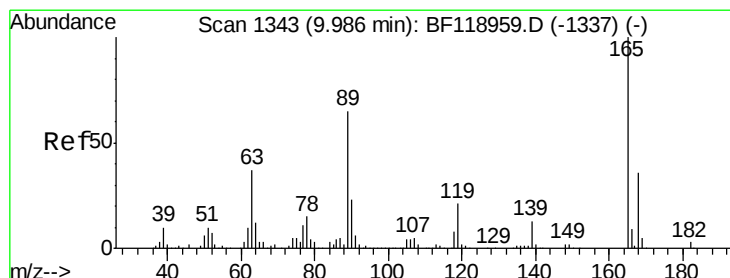
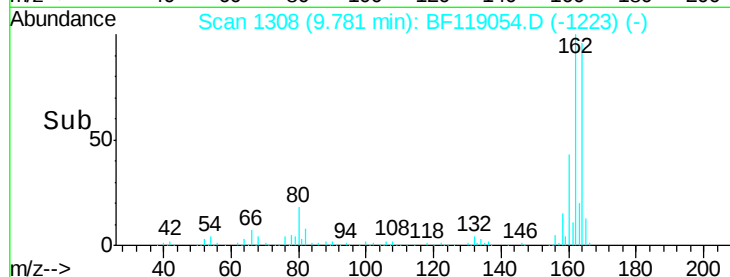
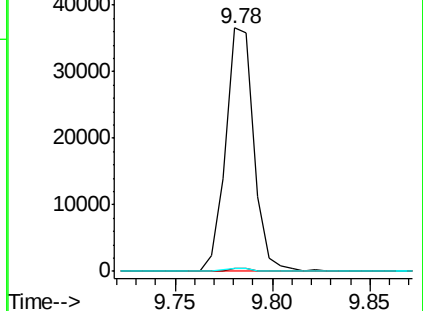
89 1.1 41.4 62.0#



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: 5.757 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.21 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

Tgt Ion:165 Resp: 36578

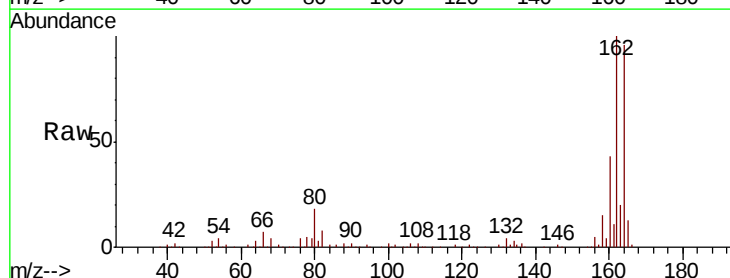
Ion Ratio Lower Upper

165 100

63 1.2 29.8 44.8#

89 1.1 51.9 77.9#

182 0.0 2.3 3.5#

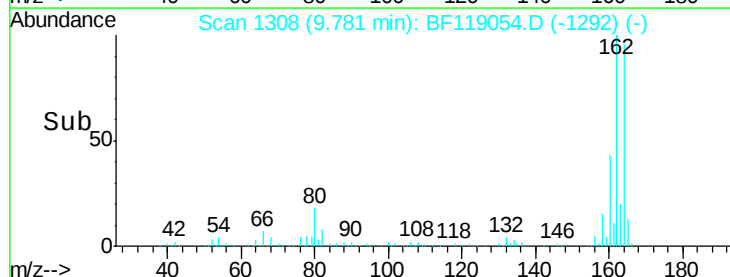
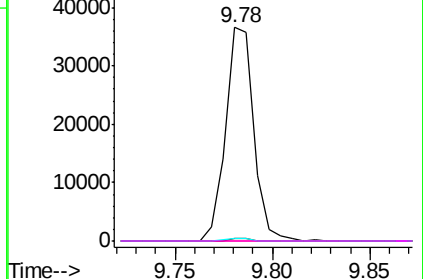


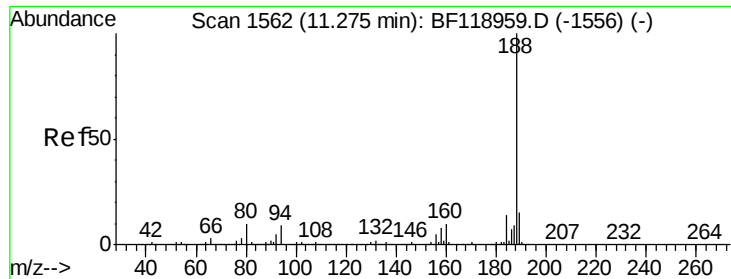
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119054.D

Acq: 25 Feb 2020 8:13

Instrument :

BNA_F

ClientSampleId :

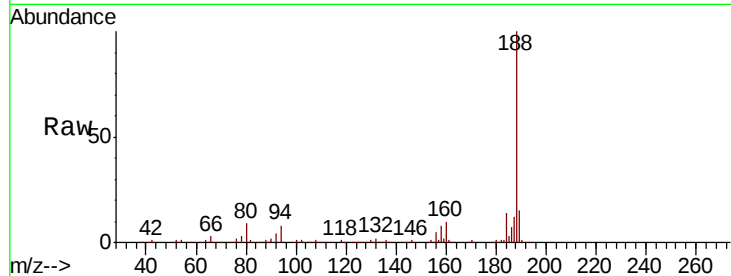
Tot Ion:188 Resp: 476412

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

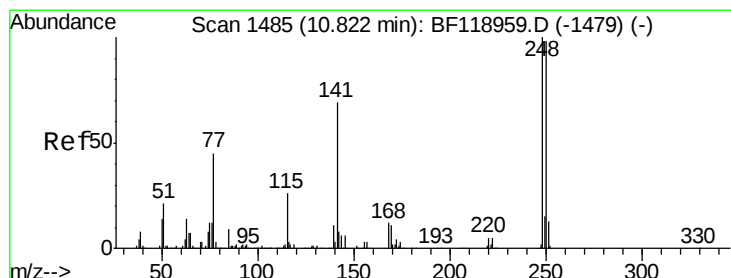
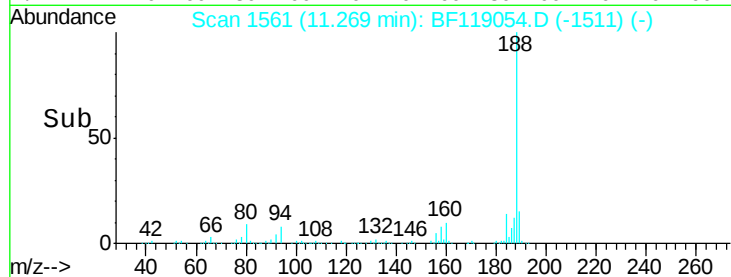
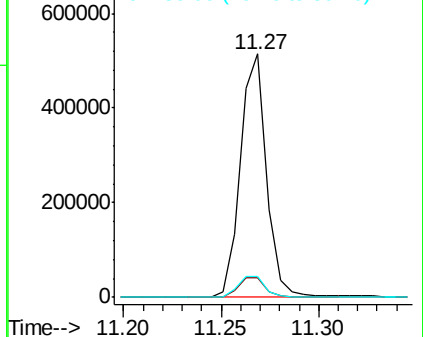
80 8.6 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.210 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.25 min

Lab File: BF119054.D

Acq: 25 Feb 2020 8:13

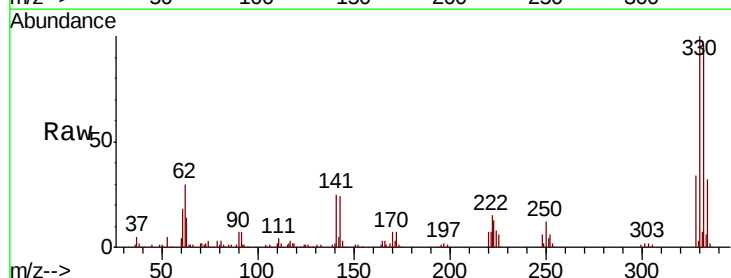
Tgt Ion:248 Resp: 19991

Ion Ratio Lower Upper

248 100

250 191.8 78.8 118.2#

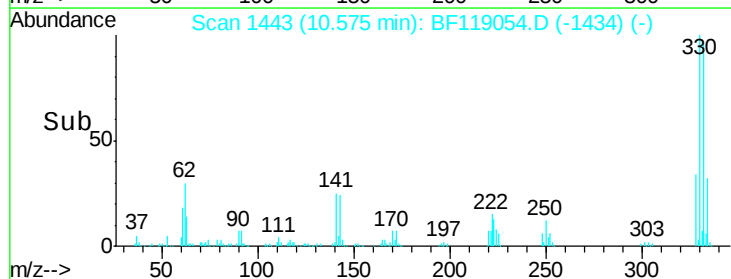
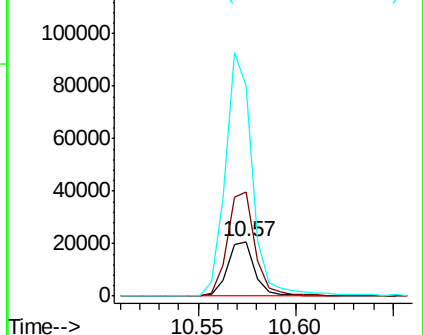
141 385.8 55.3 82.9#

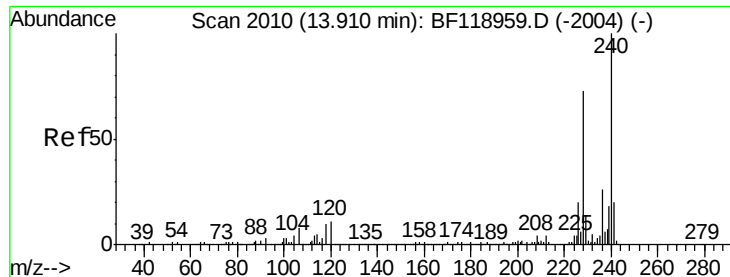


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

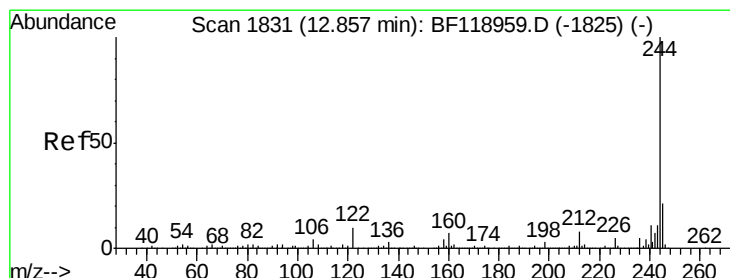
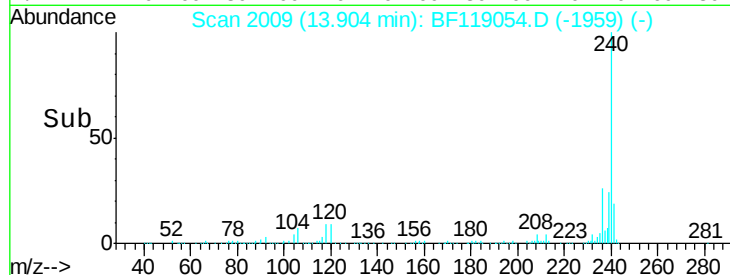
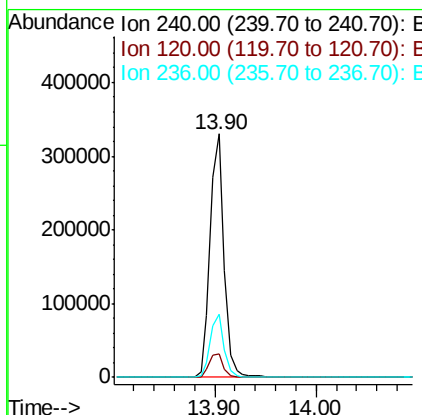
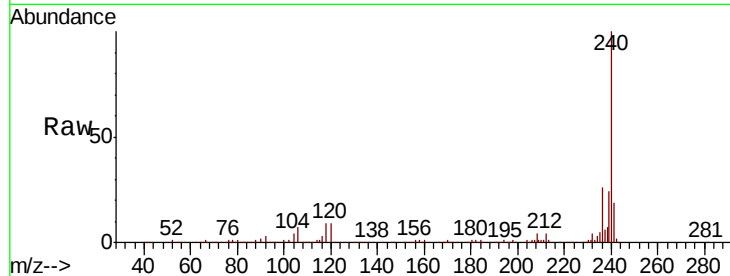




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

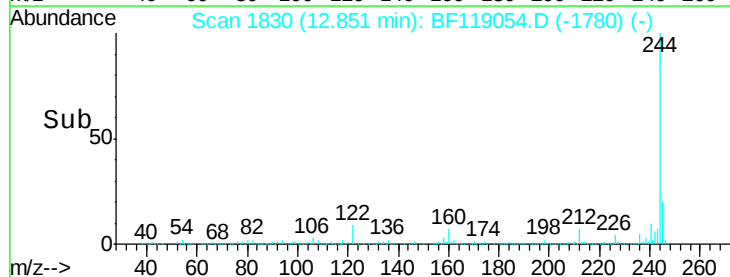
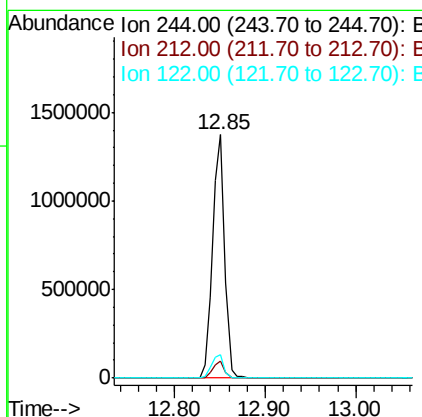
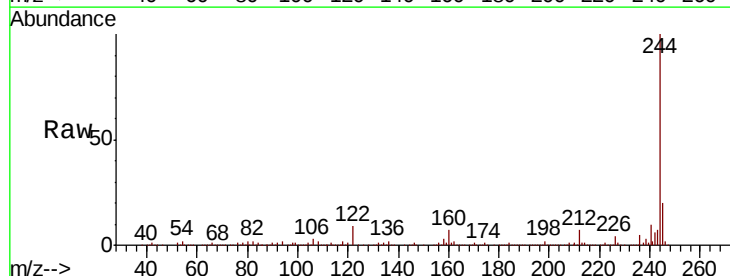
Instrument :
 BNA_F
 ClientSampleId :

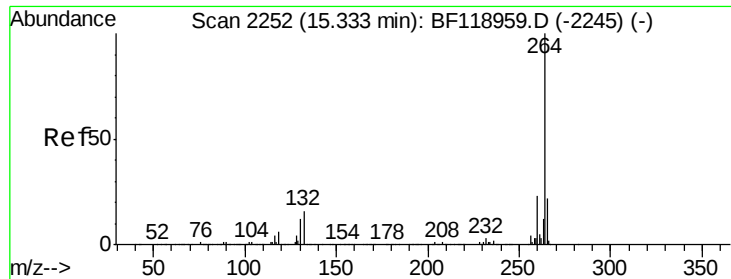
Tot Ion:240 Resp: 314905
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.9 13.3
 236 25.8 20.6 30.8



#79
 Terphenyl-d14
 Concen: 70.423 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Tgt Ion:244 Resp: 1288081
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 9.4 8.4 12.6

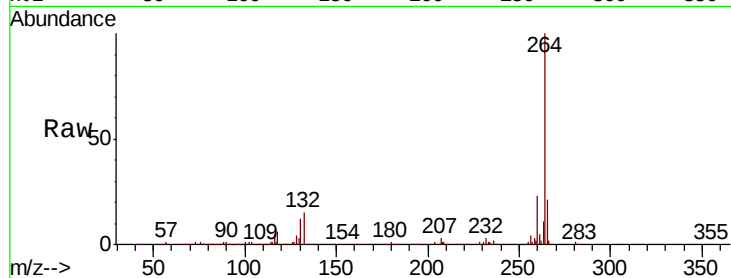




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119054.D
 Acq: 25 Feb 2020 8:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.5	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

