

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119113.D
 Acq On : 27 Feb 2020 16:43
 Operator : CG/JU
 Sample : L1694-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 02:55:08 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

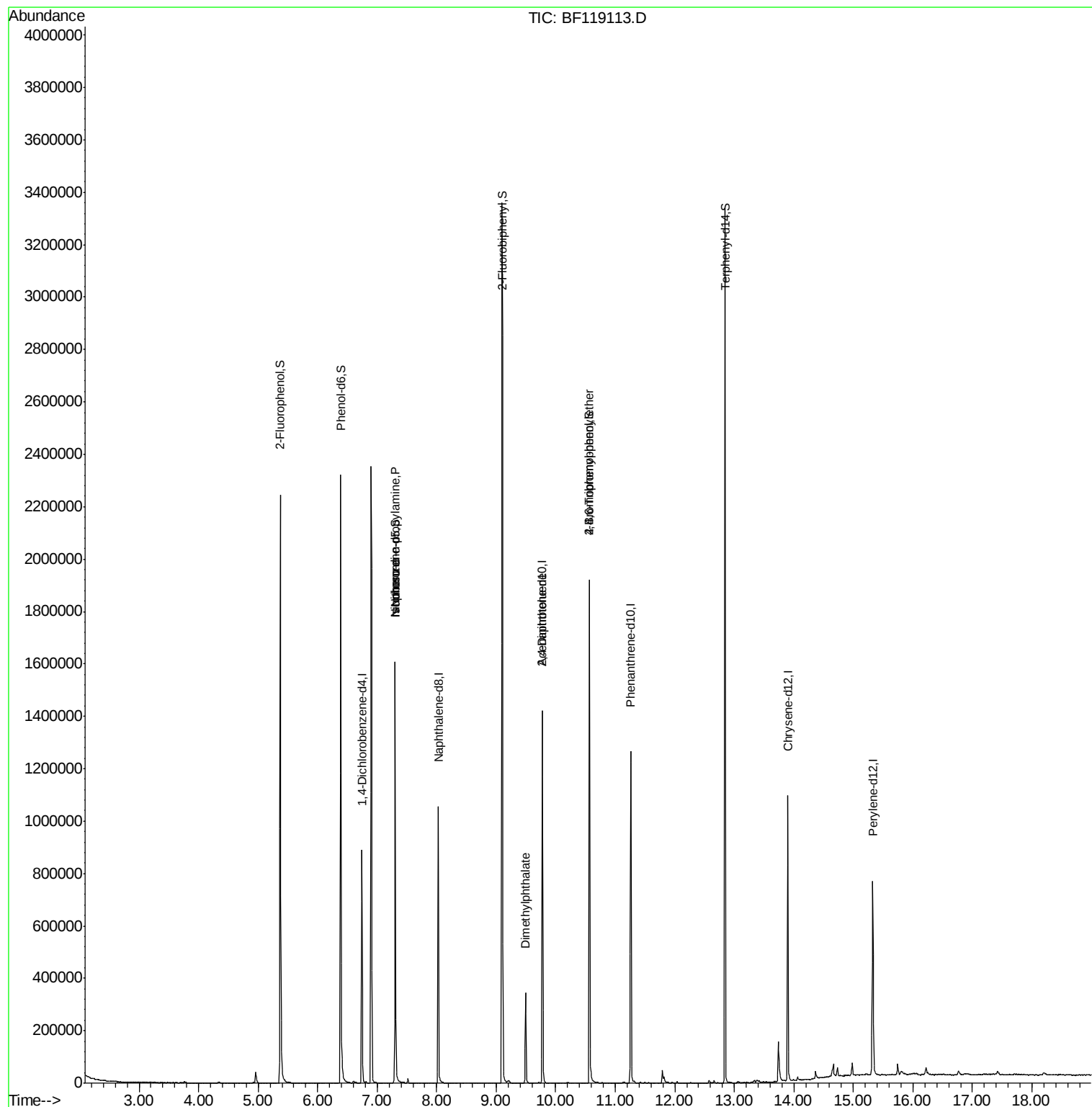
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139220	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	549608	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	299947	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	526291	20.00	ng	0.00
76) Chrysene-d12	13.90	240	382666	20.00	ng	0.00
87) Perylene-d12	15.33	264	367309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	728636	87.46	ng	0.00
7) Phenol-d6	6.39	99	880557	86.91	ng	-0.02
23) Nitrobenzene-d5	7.30	82	573379	55.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	278689	71.03	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1143574	56.17	ng	-0.01
79) Terphenyl-d14	12.85	244	1253115	56.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	78886	13.362	ng	# 74
25) Isophorone	7.30	82	565156	31.262	ng	# 63
50) Dimethylphthalate	9.49	163	152450	6.647	ng	98
57) 2,4-Dinitrotoluene	9.77	165	38278	5.795	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	18254	2.653	ng	# 1

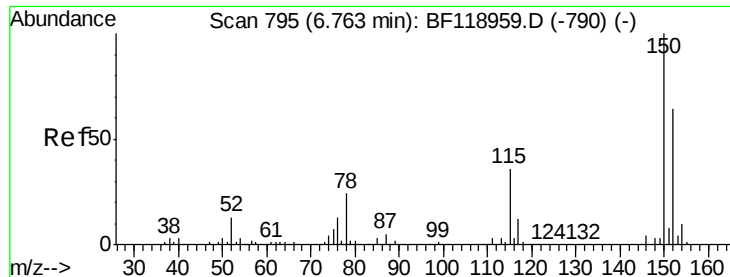
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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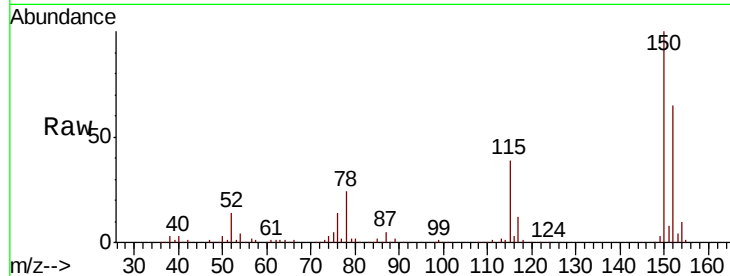


#1

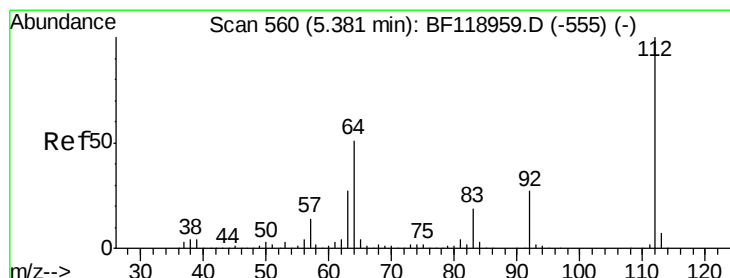
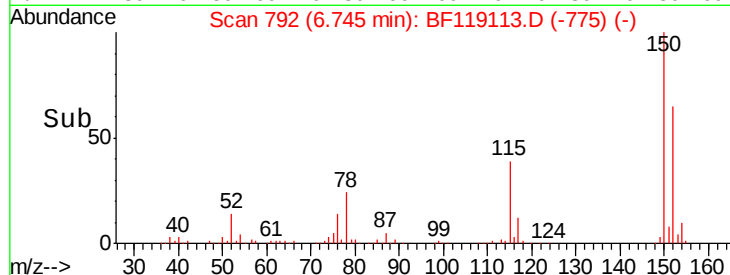
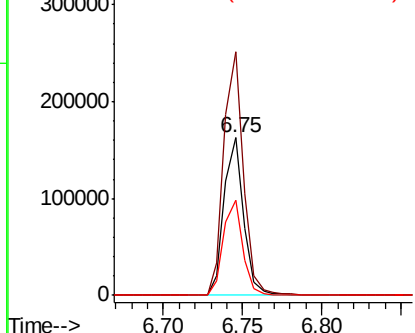
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139220
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.6
115 60.2 49.5 74.3



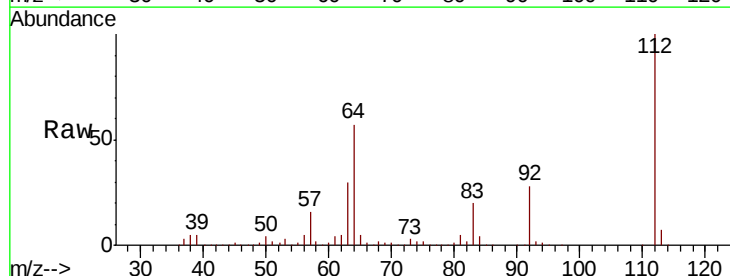
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



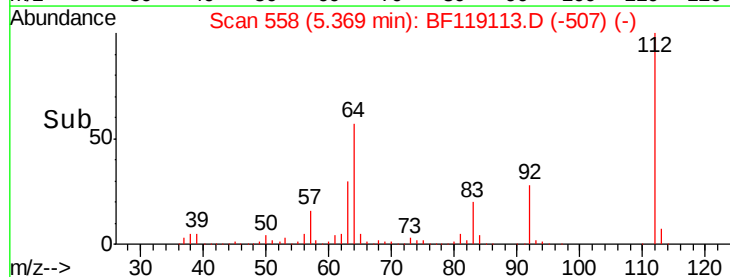
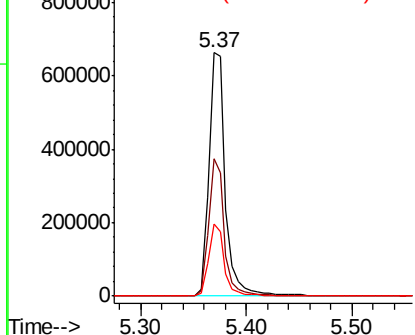
#5

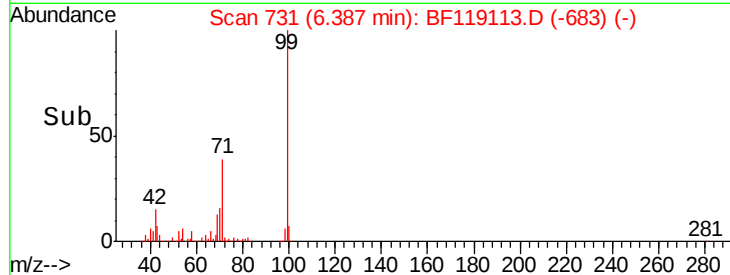
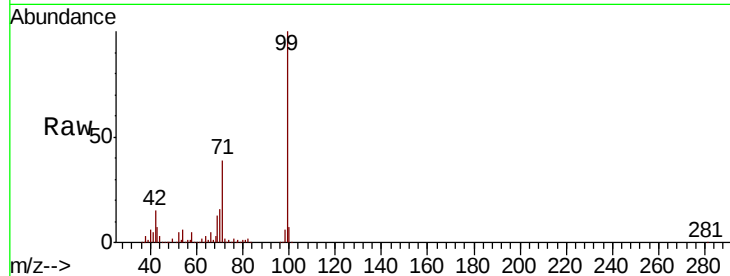
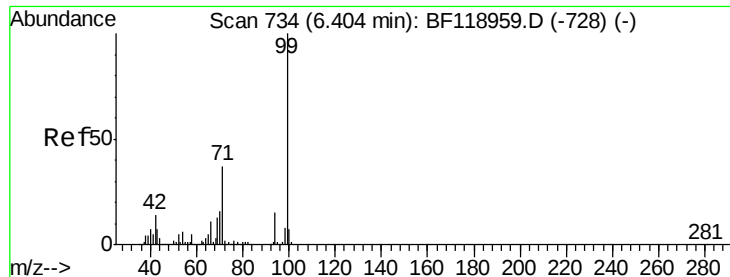
2-Fluorophenol
Concen: 87.464 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion:112 Resp: 728636
Ion Ratio Lower Upper
112 100
64 56.7 45.0 67.4
63 29.5 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

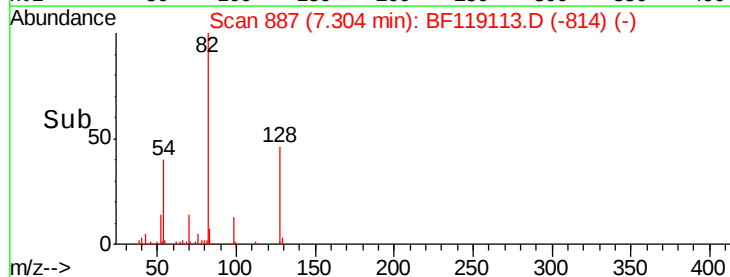
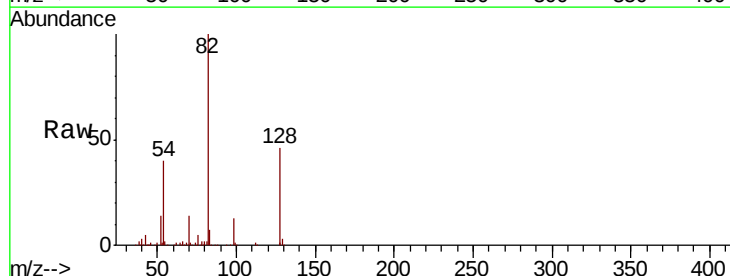
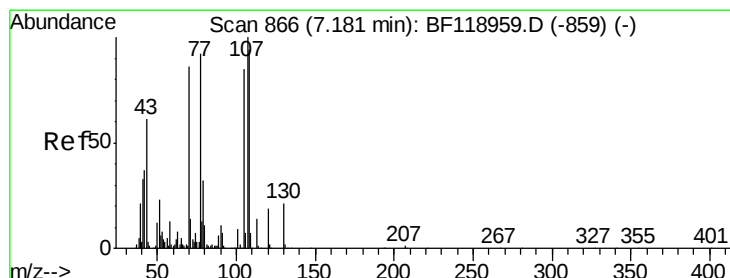
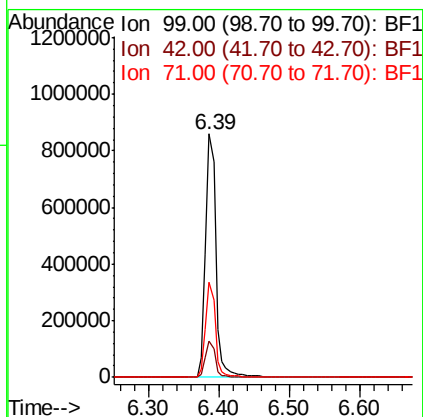




#7
Phenol-d6
Concen: 86.912 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

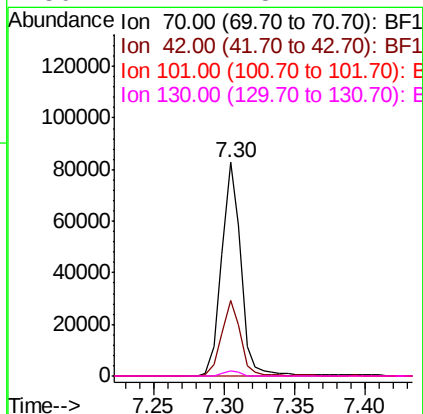
Instrument :
BNA_F
ClientSampleId :

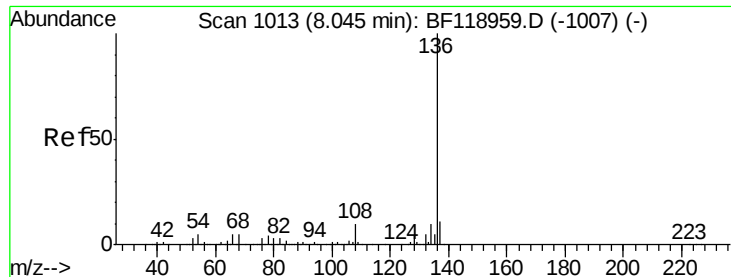
Tot Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.6	18.8
71	39.1	31.0	46.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.362 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.13 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.2	38.0	57.0#
101	0.0	8.2	12.4#
130	2.2	18.2	27.4#

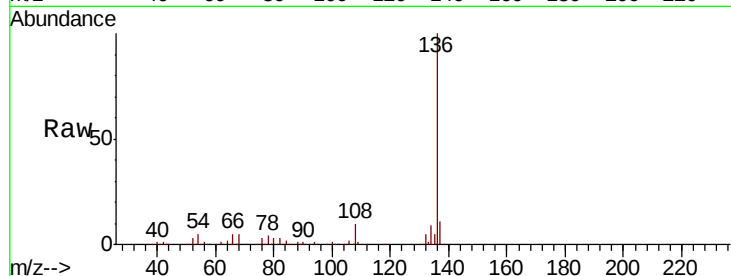




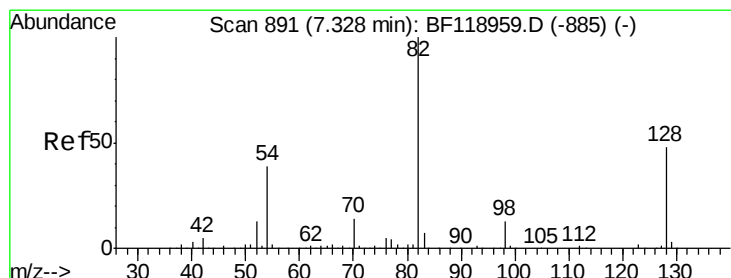
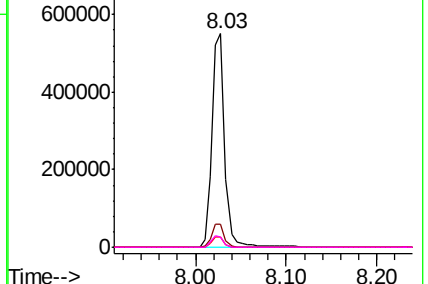
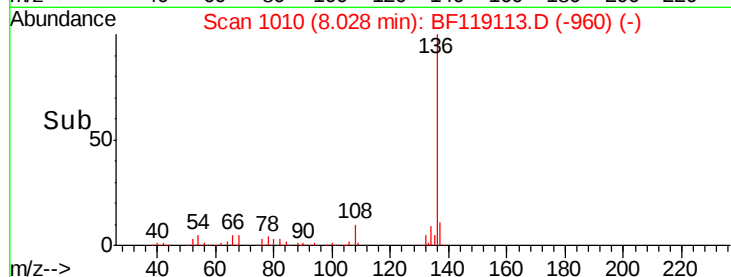
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	549608
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	4.6	3.8 5.6
68	4.7	3.9 5.9

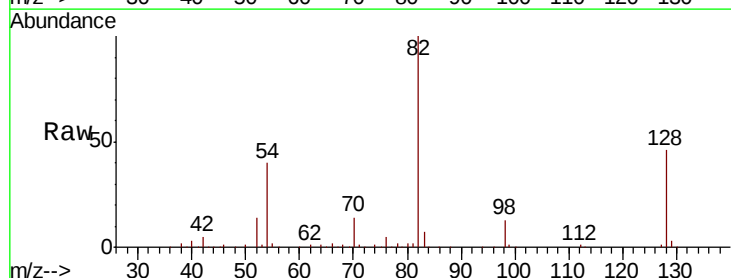


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

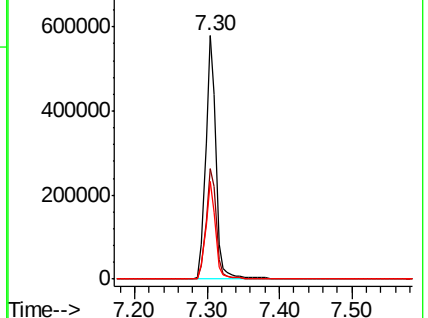
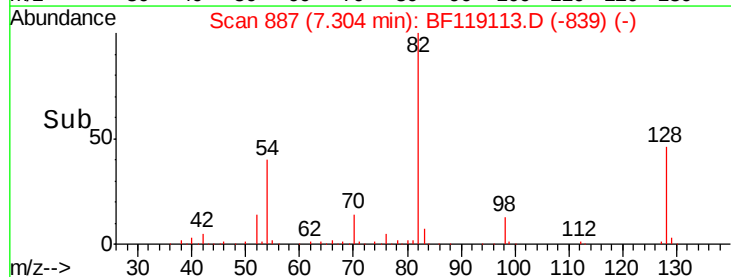


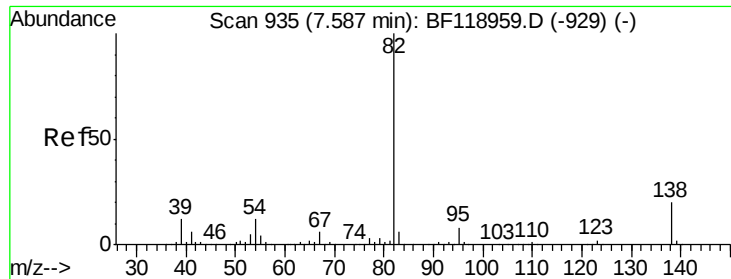
#23
Nitrobenzene-d5
Concen: 55.084 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion: 82	Resp:	573379
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.9 56.9
54	40.2	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

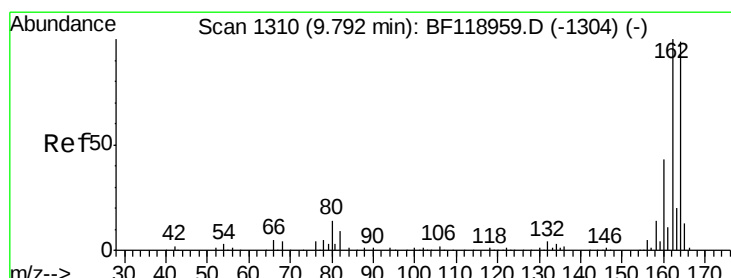
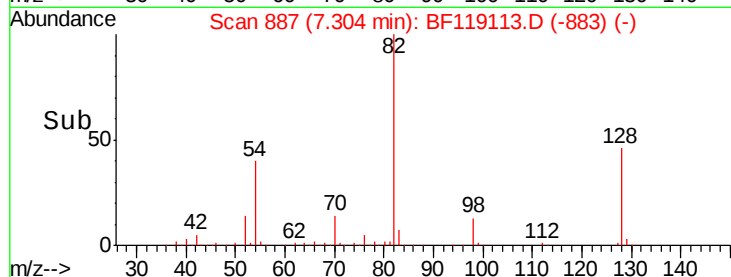
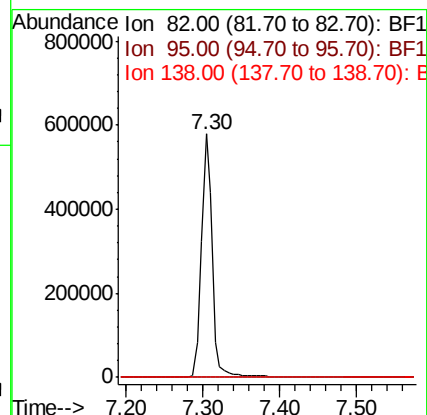
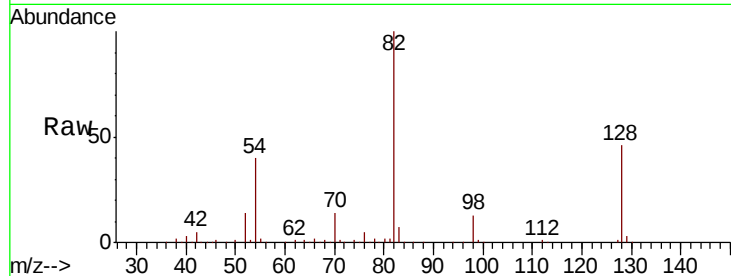




#25
Isophorone
Concen: 31.262 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.28 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

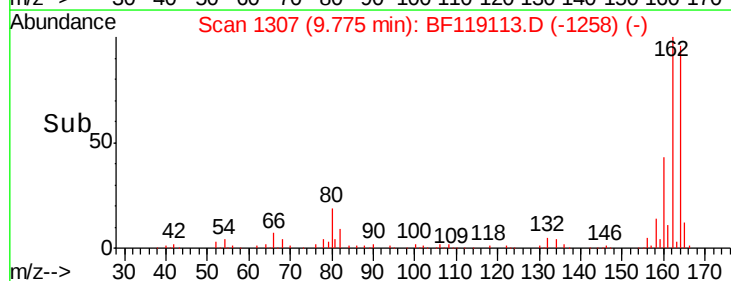
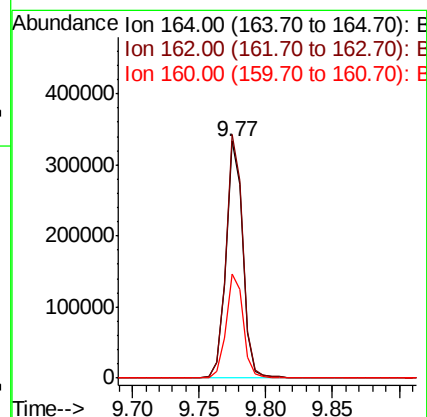
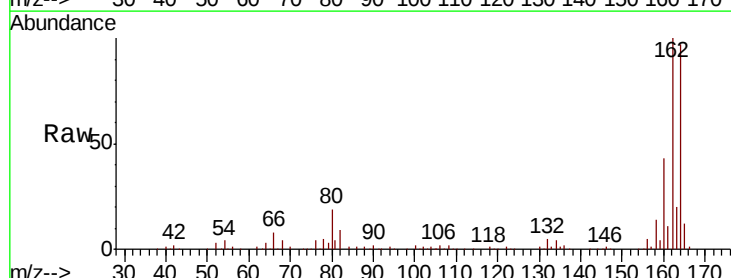
Instrument :
BNA_F
ClientSampleId :

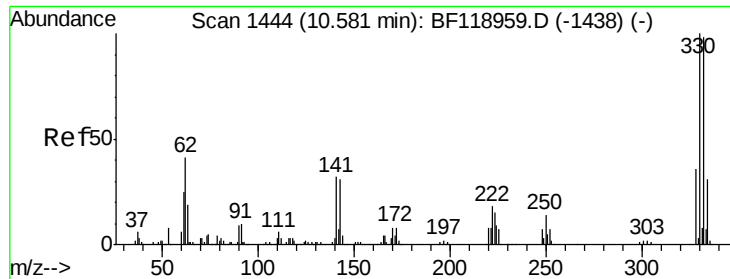
Tot Ion: 82 Resp: 565156
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion: 164 Resp: 299947
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.8
160 43.9 36.0 54.0

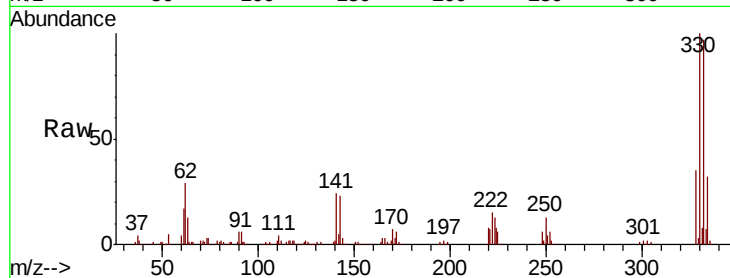




#42
 2,4,6-Tribromophenol
 Concen: 71.025 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119113.D
 Acq: 27 Feb 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	29.5	22.9	34.3

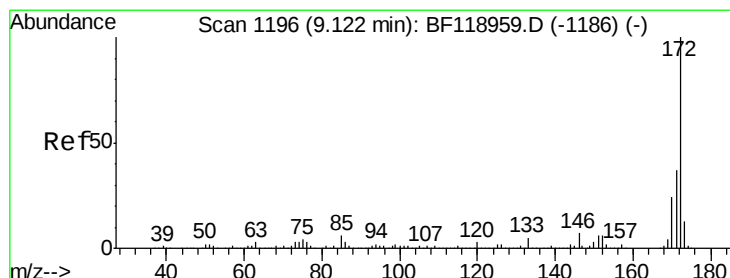
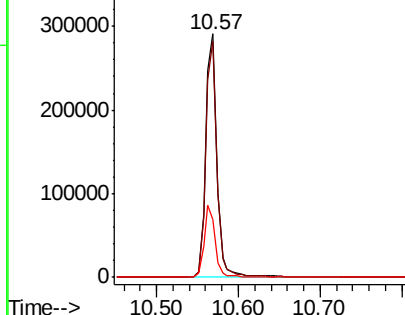
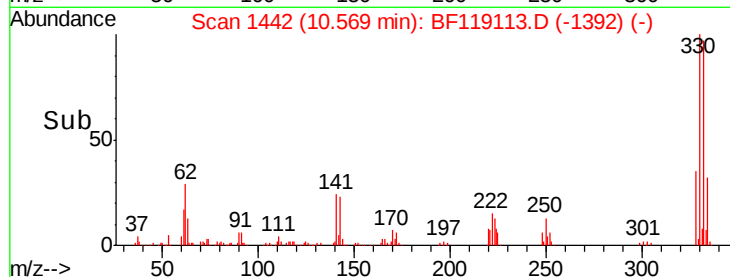


Abundance

Ion 329.80 (329.50 to 330.50): E

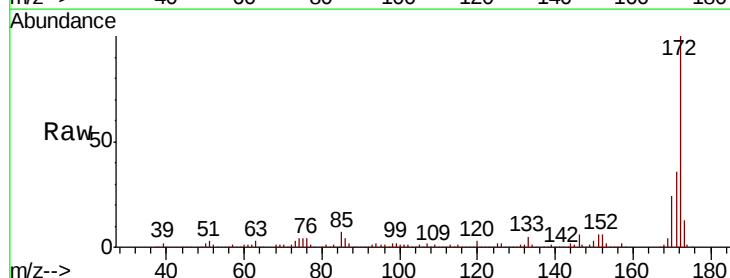
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 56.166 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119113.D
 Acq: 27 Feb 2020 16:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	24.0	20.2	30.2

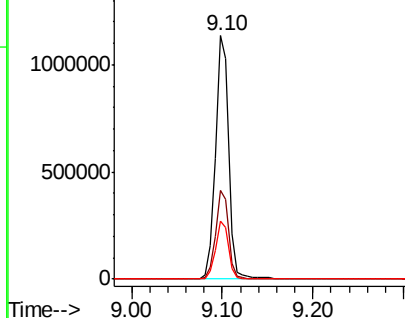
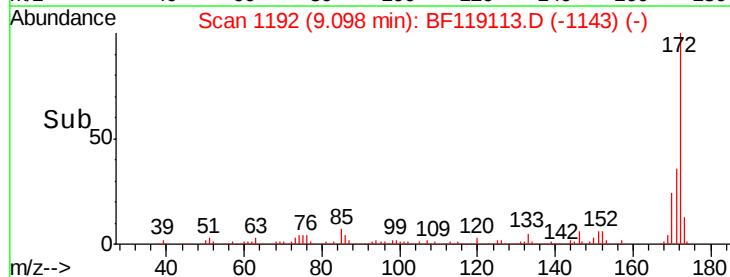


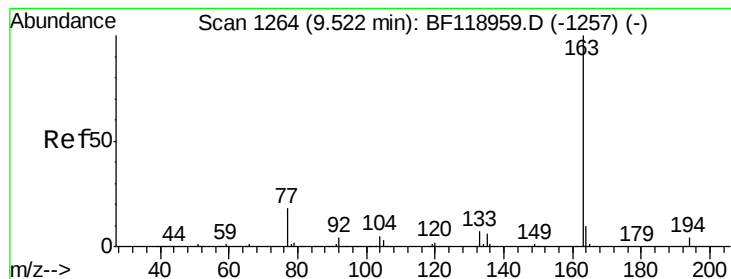
Abundance

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





#50

Dimethylphthalate

Concen: 6.647 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Instrument :

BNA_F

ClientSampleId :

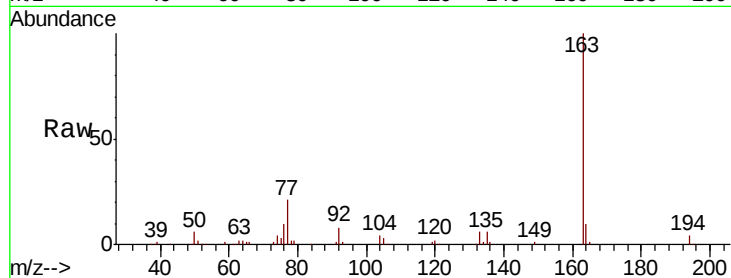
Tot Ion:163 Resp: 152450

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

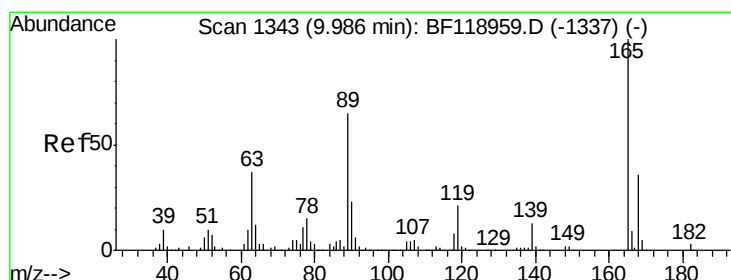
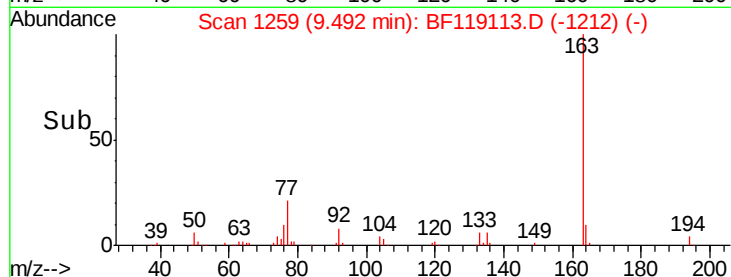
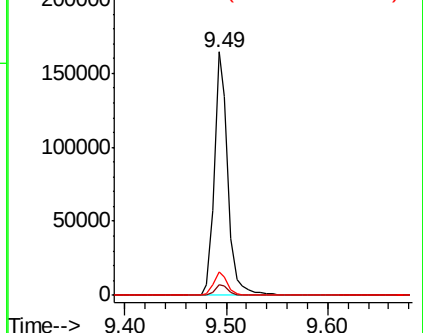
164 9.6 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.795 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.21 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Tgt Ion:165 Resp: 38278

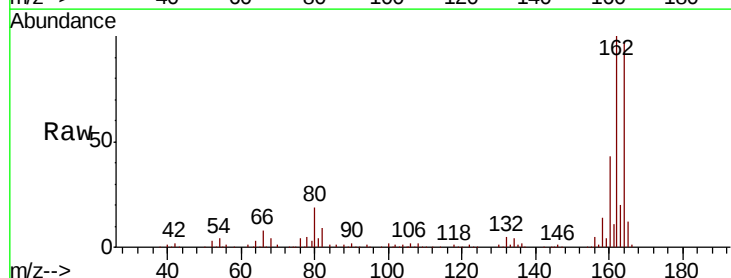
Ion Ratio Lower Upper

165 100

63 1.3 42.3 63.5#

89 1.4 60.2 90.4#

182 0.0 2.3 3.5#

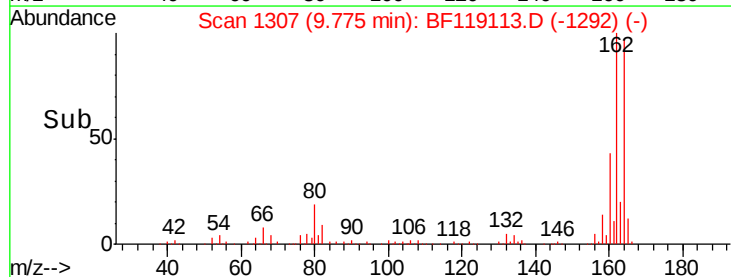
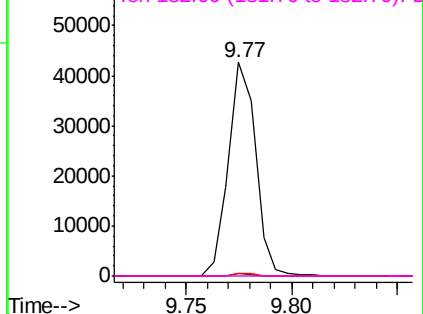


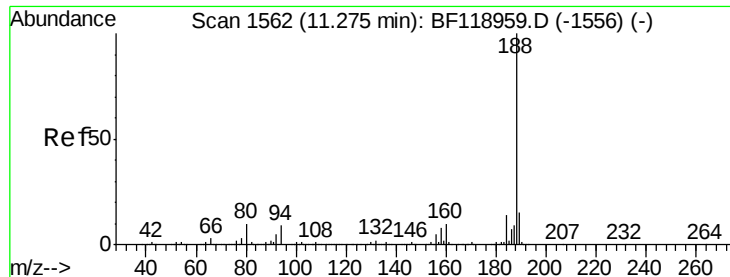
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1559

Delta R.T. -0.01 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Instrument :

BNA_F

ClientSampleId :

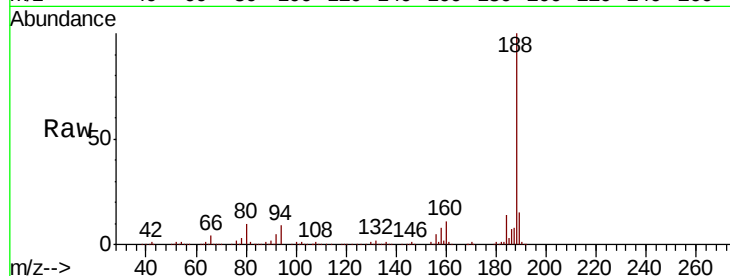
Tot Ion:188 Resp: 526291

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

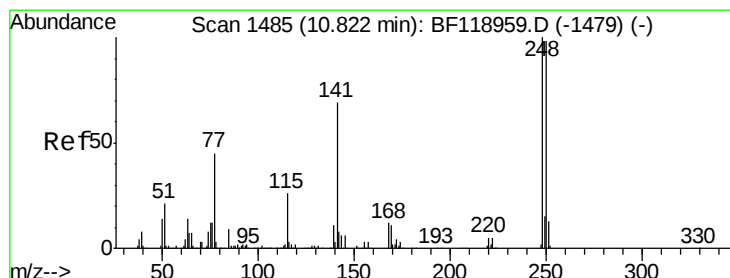
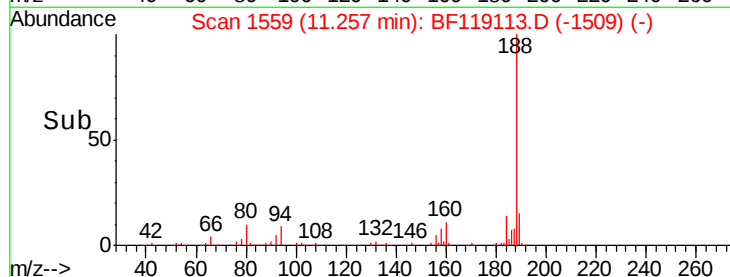
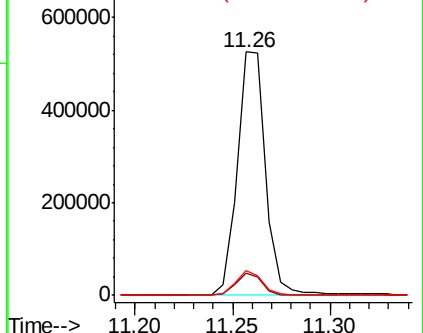
80 10.1 7.8 11.8



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: 2.653 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.25 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

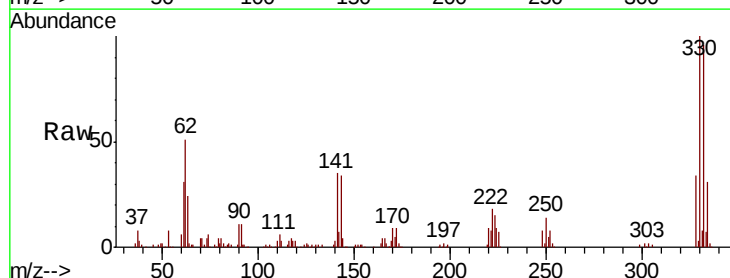
Tgt Ion:248 Resp: 18254

Ion Ratio Lower Upper

248 100

250 192.0 76.7 115.1#

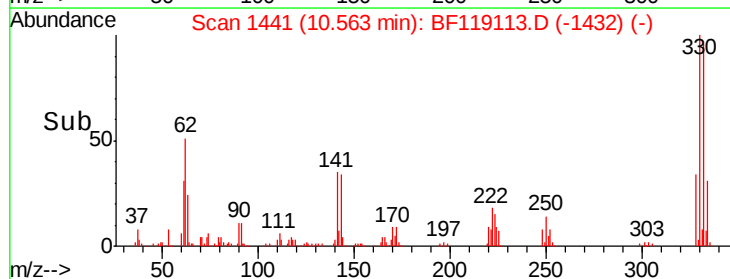
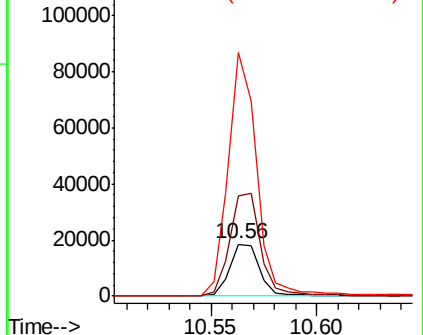
141 469.3 60.7 91.1#

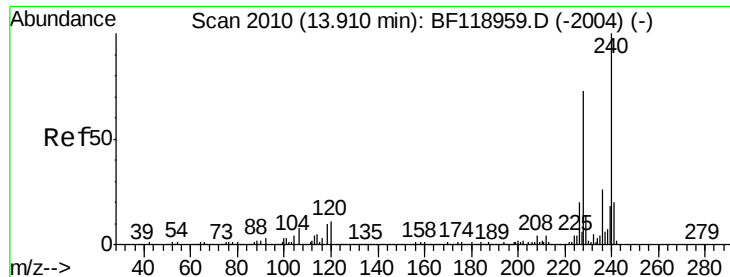


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

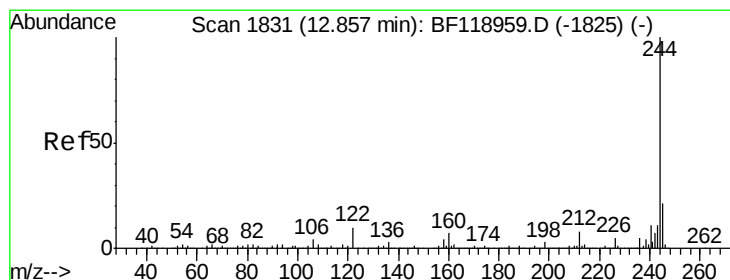
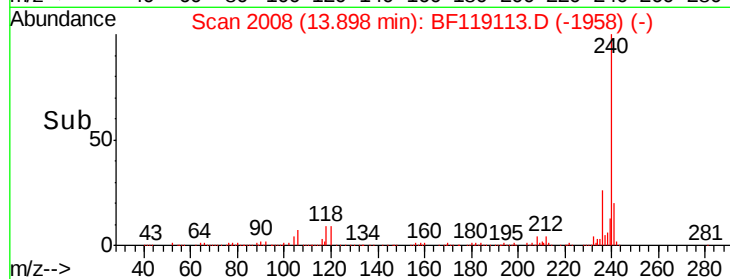
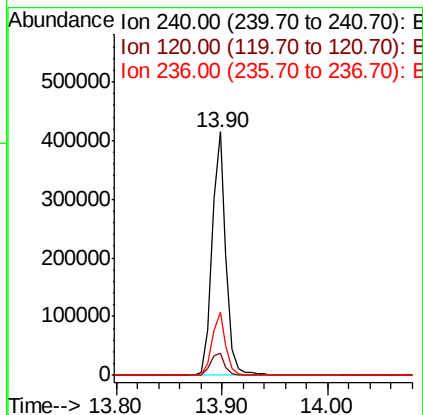
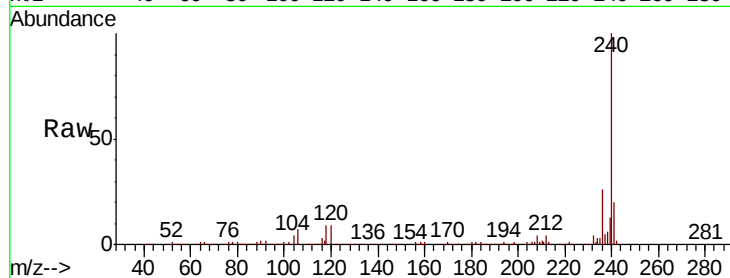




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF119113.D
 Acq: 27 Feb 2020 16:43

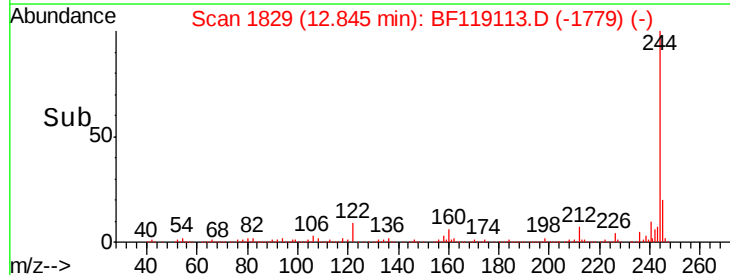
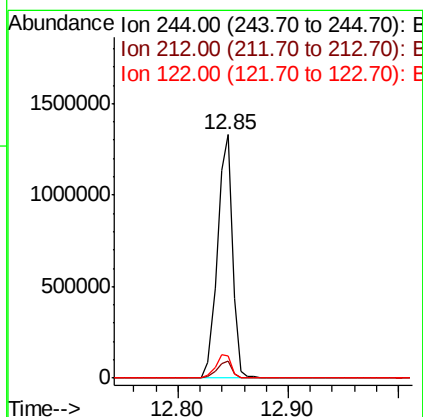
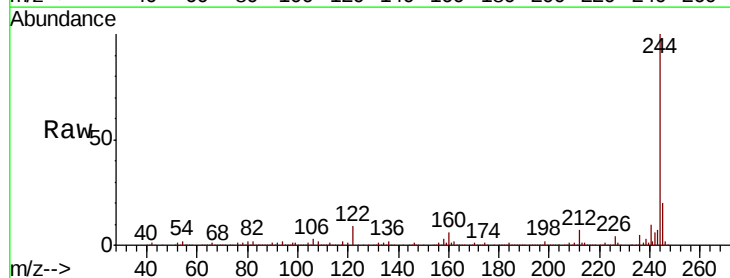
Instrument :
 BNA_F
 ClientSampled :

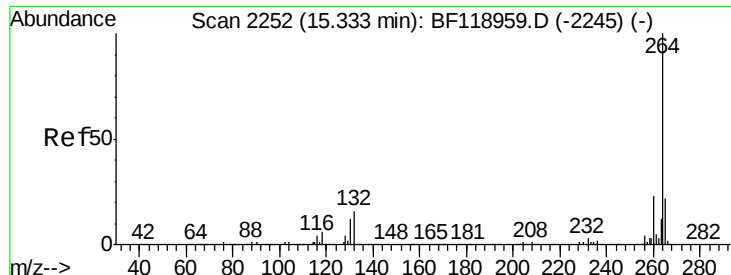
Tot Ion:240 Resp: 382666
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.4 12.6
 236 25.7 21.0 31.4



#79
 Terphenyl-d14
 Concen: 56.380 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119113.D
 Acq: 27 Feb 2020 16:43

Tgt Ion:244 Resp: 1253115
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.6 10.0
 122 9.0 8.2 12.2

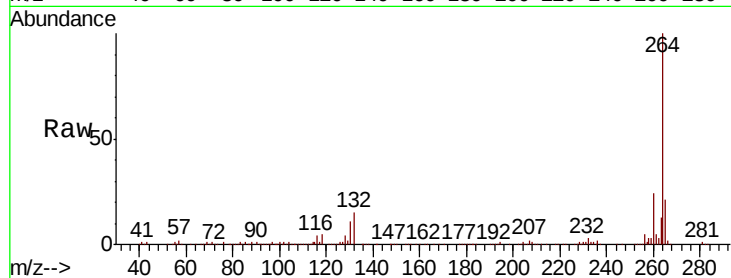




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF119113.D
 Acq: 27 Feb 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.7	26.5



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

