

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119069.D
 Acq On : 25 Feb 2020 17:19
 Operator : CG/JU
 Sample : L1602-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 01:27:17 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

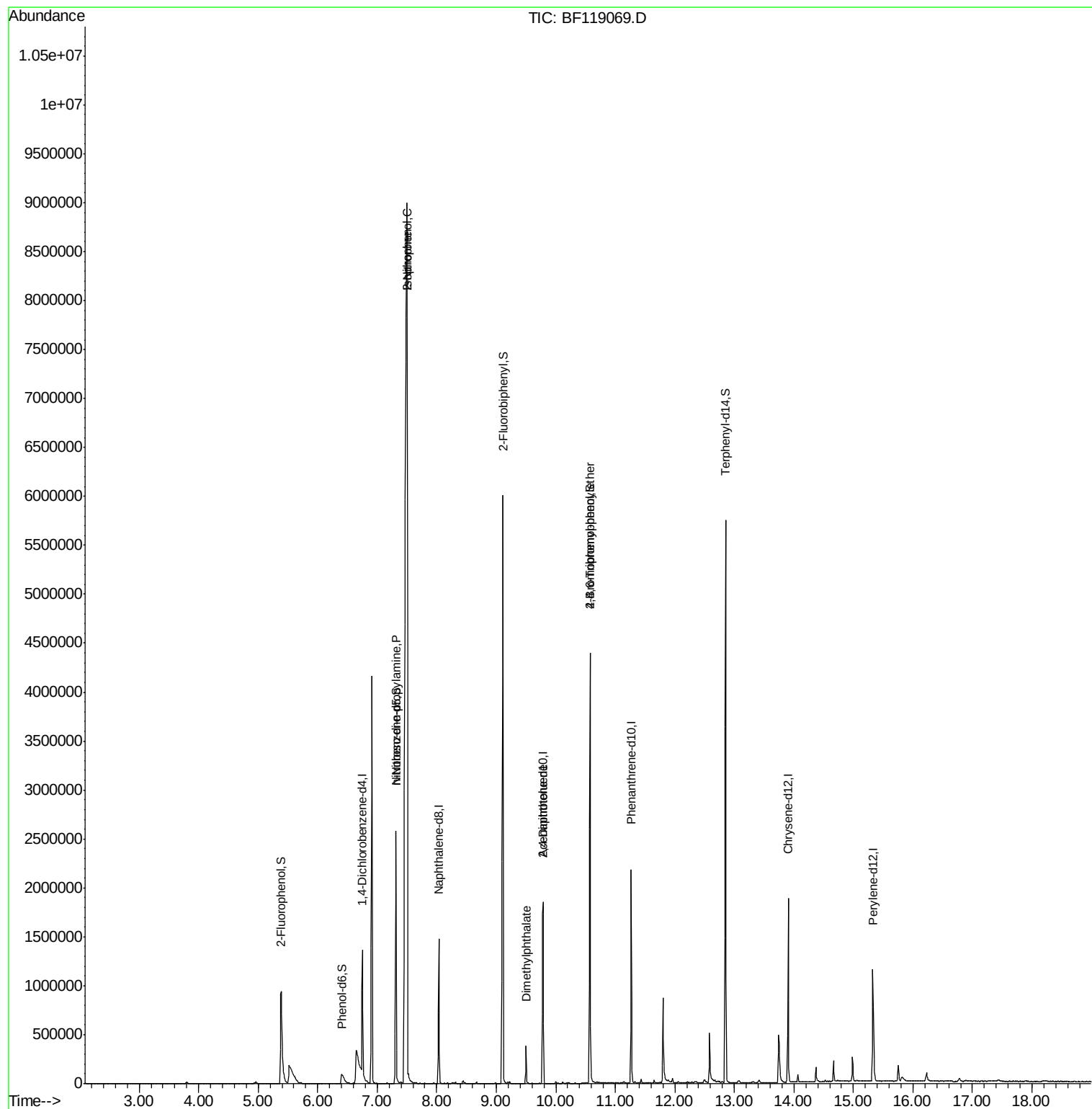
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197224	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	764840	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	424887	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	802649	20.00	ng	0.00
76) Chrysene-d12	13.90	240	657218	20.00	ng	0.00
87) Perylene-d12	15.33	264	557414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	547935	46.43	ng	0.00
7) Phenol-d6	6.40	99	134048	9.34	ng	0.00
23) Nitrobenzene-d5	7.32	82	1141797	78.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	663369	119.35	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	2193551	76.06	ng	-0.01
79) Terphenyl-d14	12.86	244	2415507	63.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	158803	18.988	ng	# 78
25) Isophorone	7.50	82	1436677	57.108	ng	# 81
26) 2-Nitrophenol	7.50	139	486508	64.099	ng	# 1
50) Dimethylphthalate	9.50	163	180171	5.545	ng	99
57) 2,4-Dinitrotoluene	9.79	165	54672	5.843	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	44064	4.200	ng	# 1

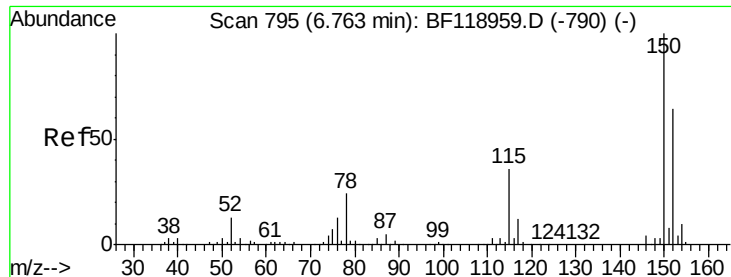
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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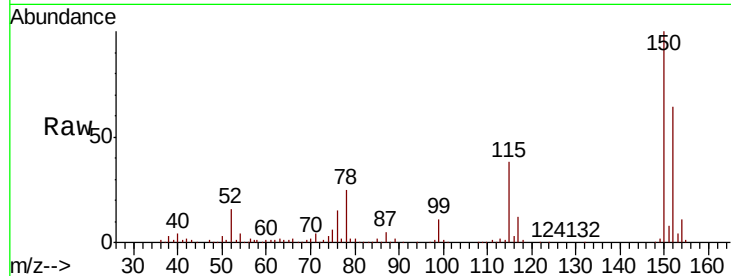


#1

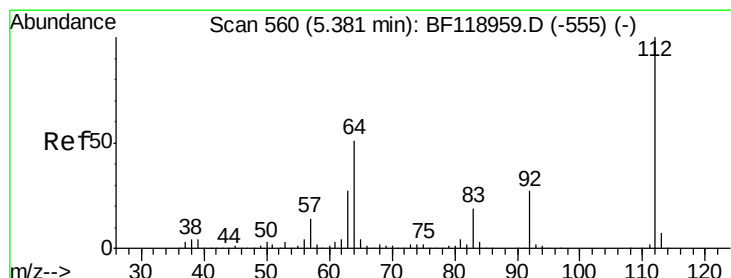
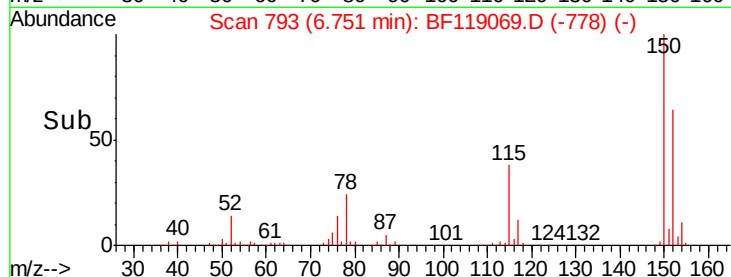
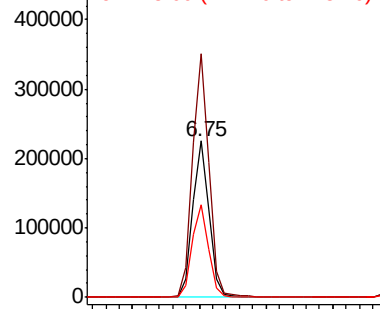
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 197224
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 59.7 44.6 67.0



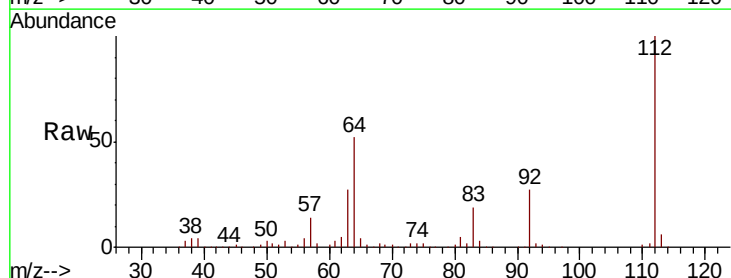
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



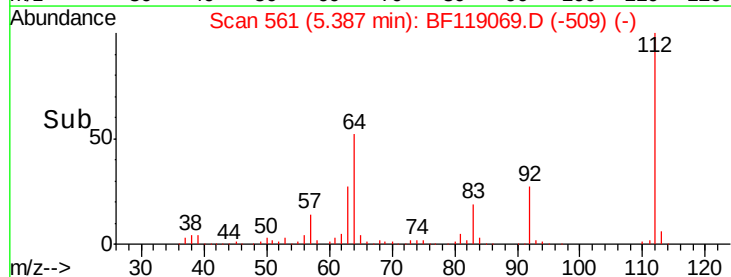
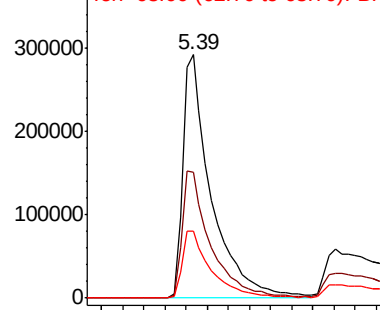
#5

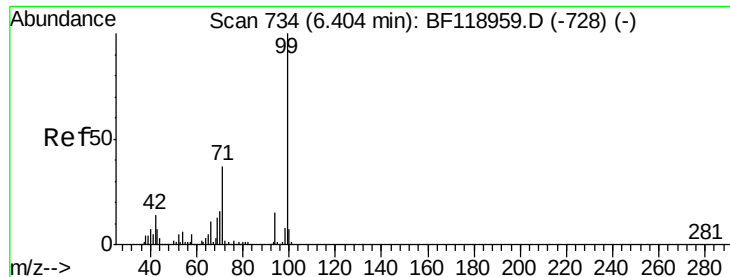
2-Fluorophenol
Concen: 46.429 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Tgt Ion:112 Resp: 547935
Ion Ratio Lower Upper
112 100
64 51.6 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: 9.340 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

Instrument :

BNA_F

ClientSampleId :

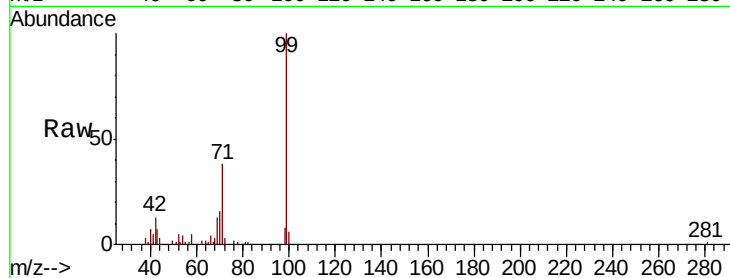
Tot Ion: 99 Resp: 134048

Ion Ratio Lower Upper

99 100

42 13.0 11.4 17.0

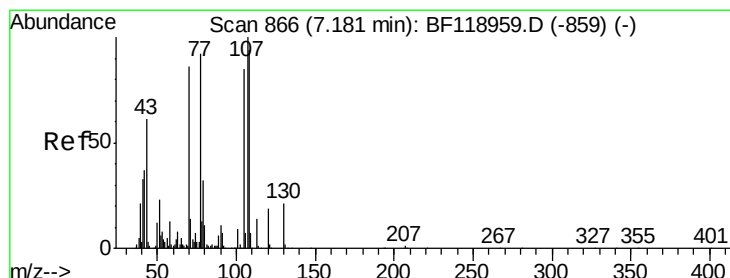
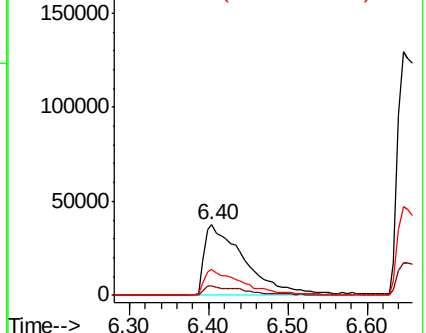
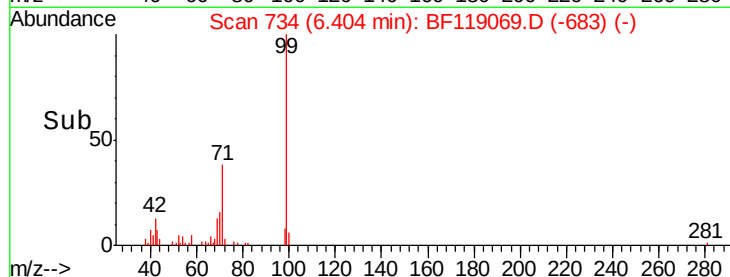
71 37.5 29.8 44.6



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: 18.988 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

Tgt Ion: 70 Resp: 158803

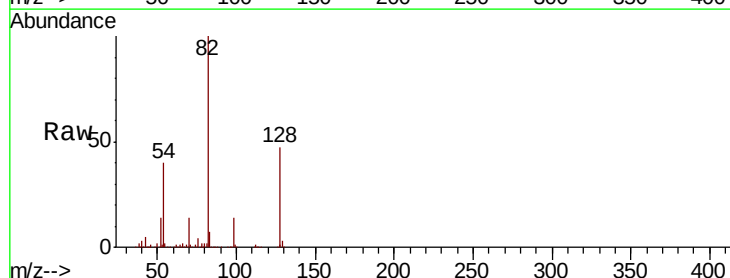
Ion Ratio Lower Upper

70 100

42 38.1 34.6 51.8

101 0.0 8.1 12.1#

130 2.2 19.4 29.2#

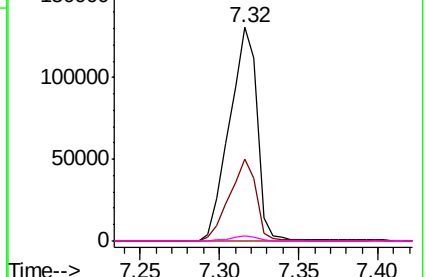
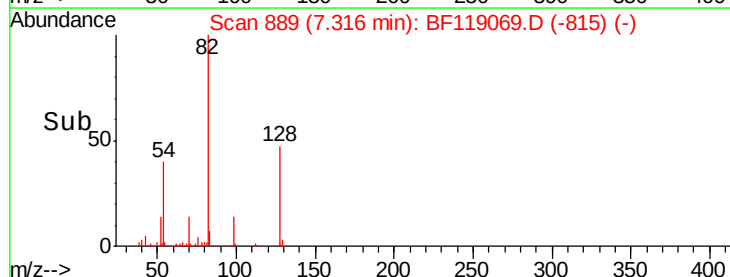


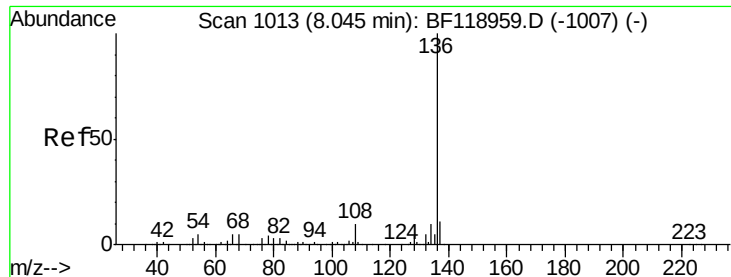
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF119069.D

Acq: 25 Feb 2020 17:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 764840

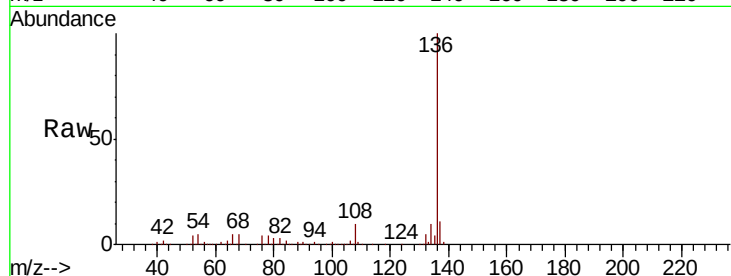
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 5.5 3.8 5.6

68 5.3 4.2 6.2

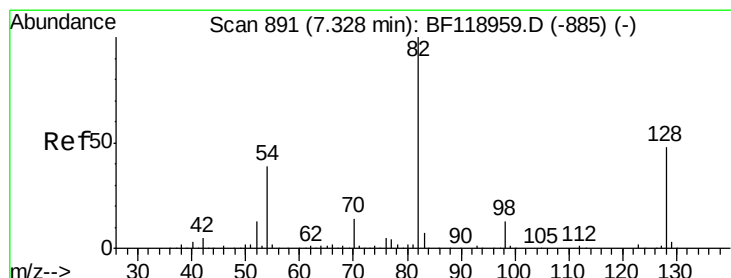
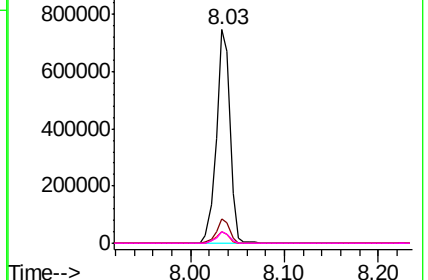
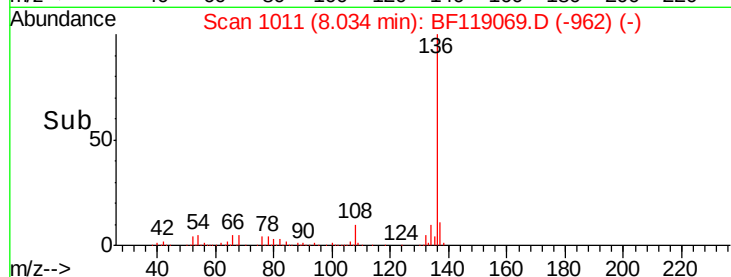


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.823 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

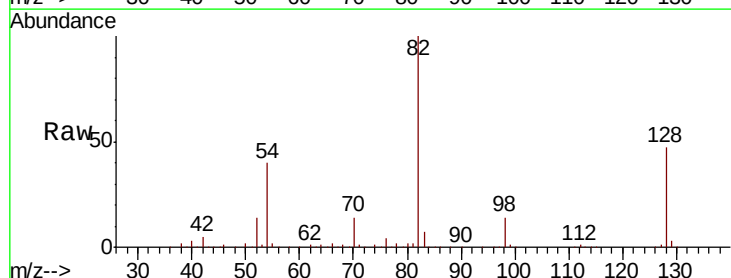
Tgt Ion: 82 Resp: 1141797

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.2

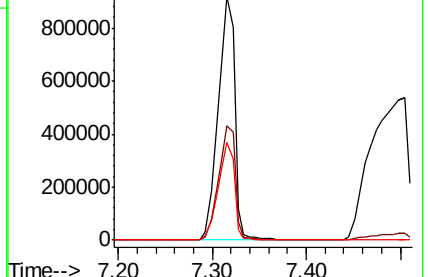
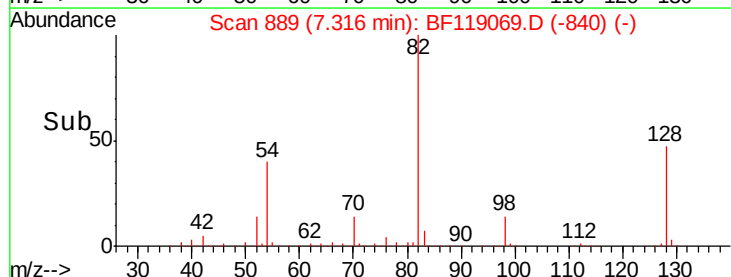
54 40.4 31.3 46.9

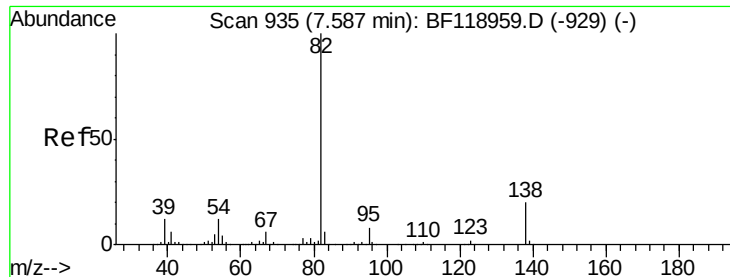


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 57.108 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.08 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

Instrument :

BNA_F

ClientSampleId :

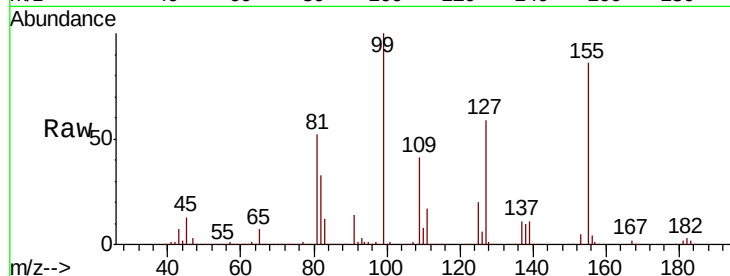
Tot Ion: 82 Resp: 1436677

Ion Ratio Lower Upper

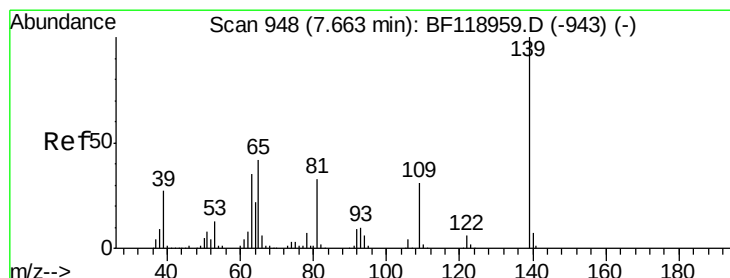
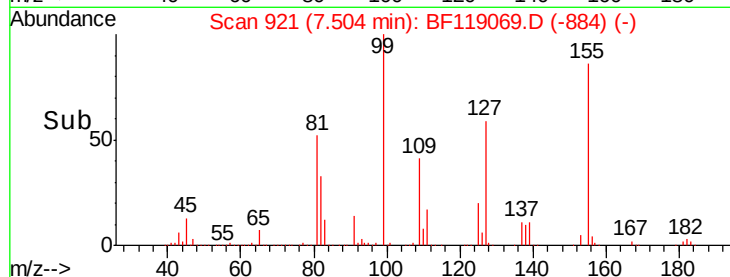
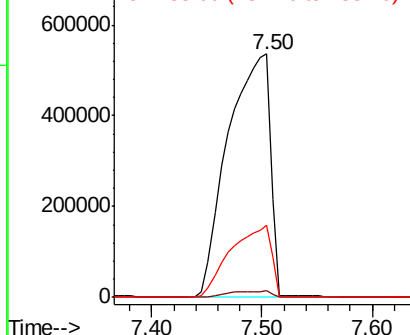
82 100

95 2.7 6.1 9.1#

138 29.4 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



#26

2-Nitrophenol

Concen: 64.099 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.16 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

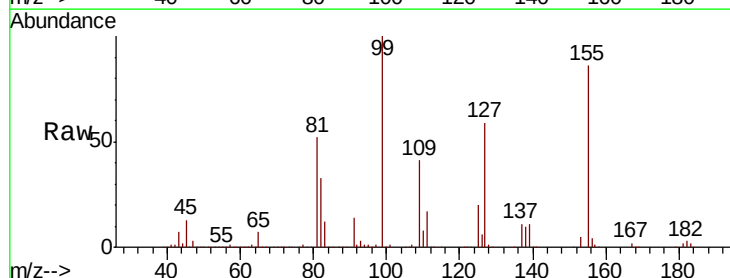
Tgt Ion: 139 Resp: 486508

Ion Ratio Lower Upper

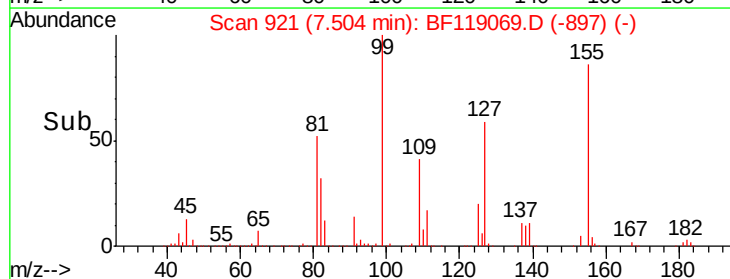
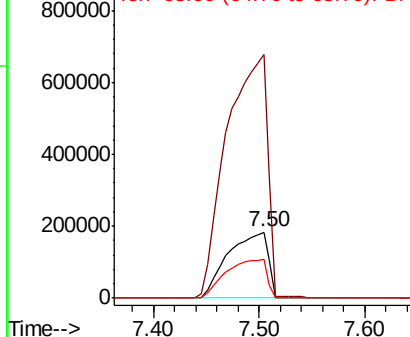
139 100

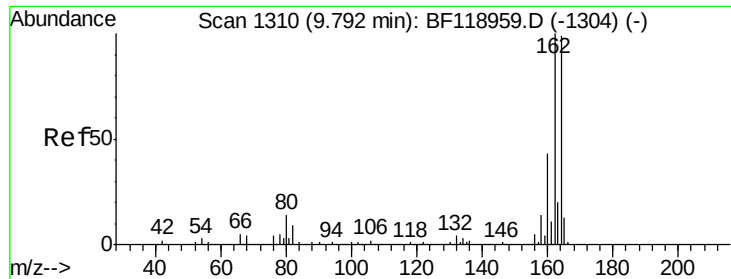
109 369.6 24.6 36.8#

65 59.3 33.6 50.4#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

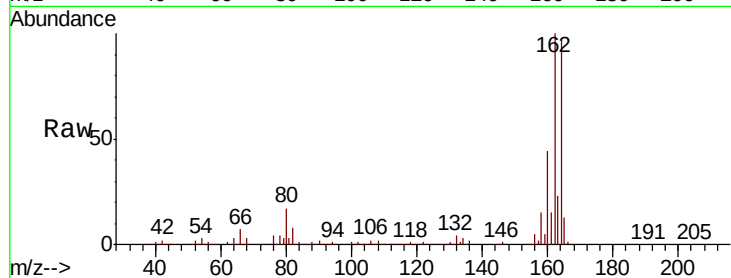




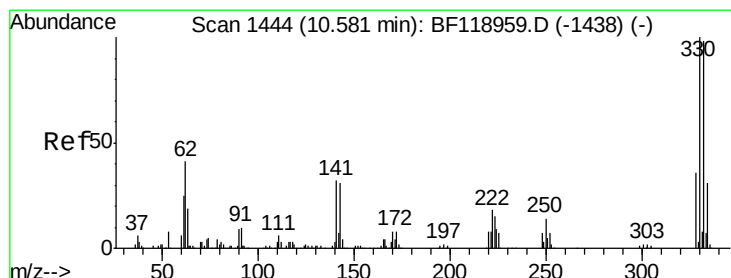
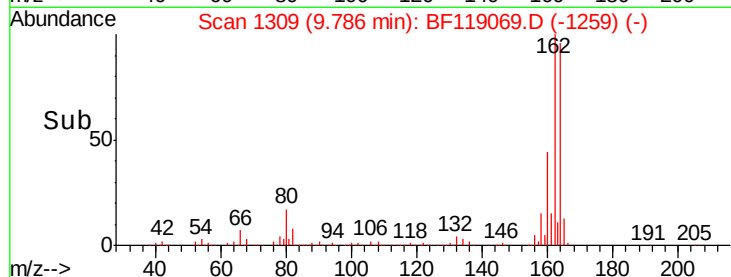
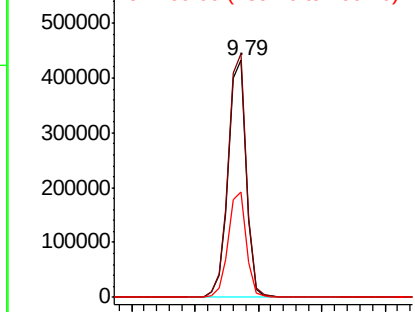
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 424887
Ion Ratio Lower Upper
164 100
162 102.8 81.2 121.8
160 44.7 35.2 52.8

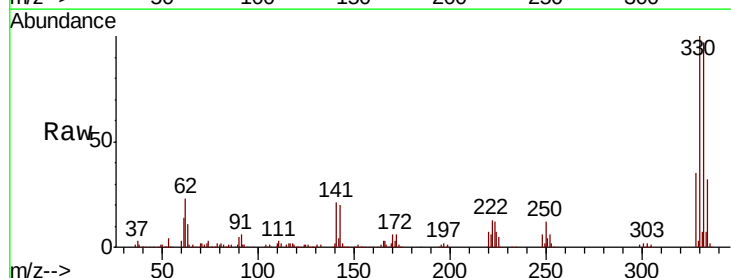


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

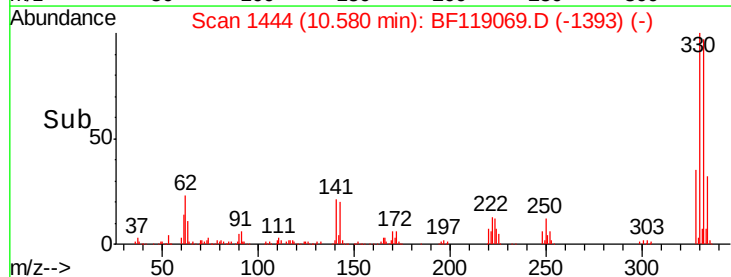
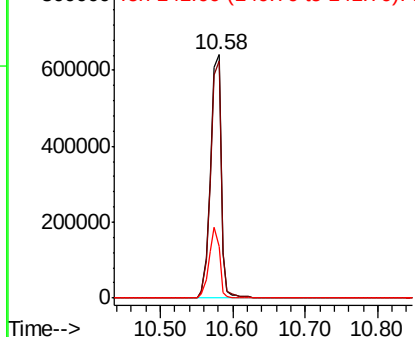


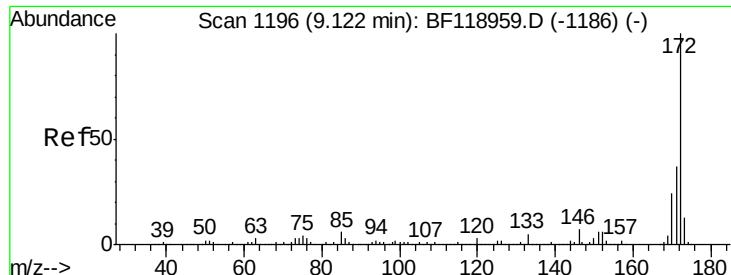
#42
2,4,6-Tribromophenol
Concen: 119.349 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Tgt Ion:330 Resp: 663369
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 28.8 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

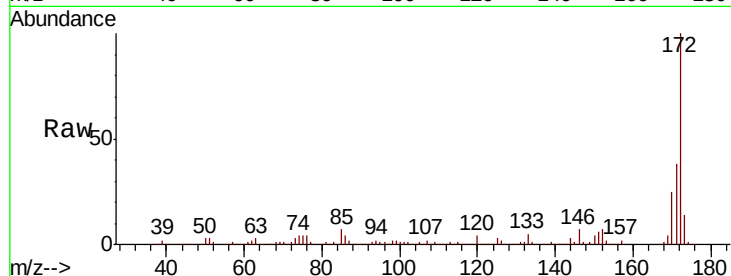




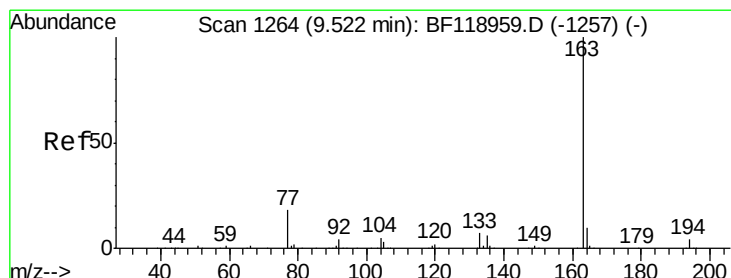
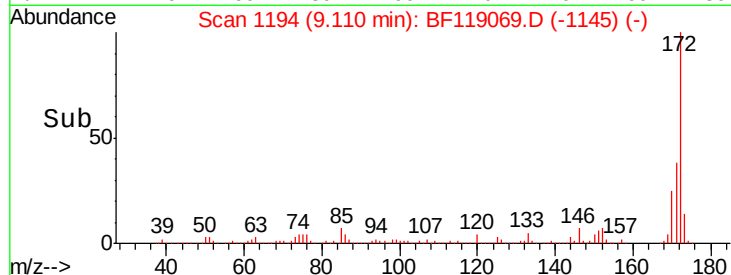
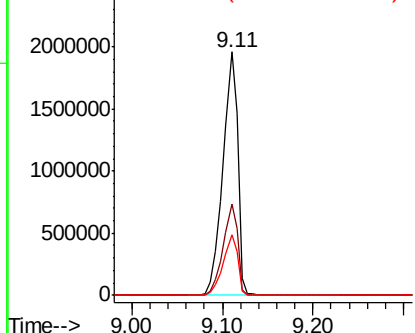
#45
2-Fluorobiphenyl
Concen: 76.055 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2193551
Ion Ratio Lower Upper
172 100
171 37.6 29.4 44.2
170 24.7 19.6 29.4

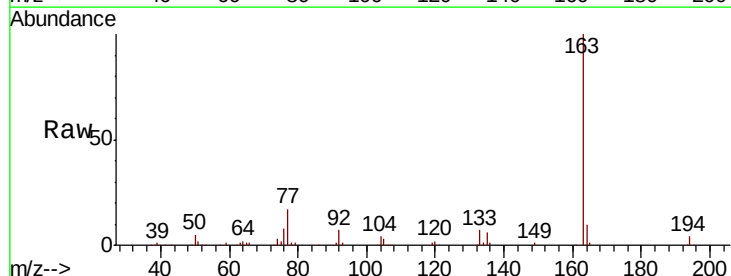


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

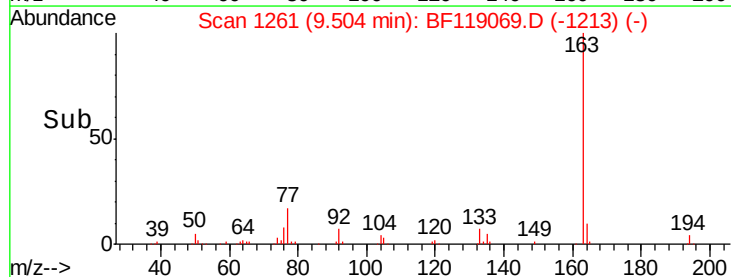
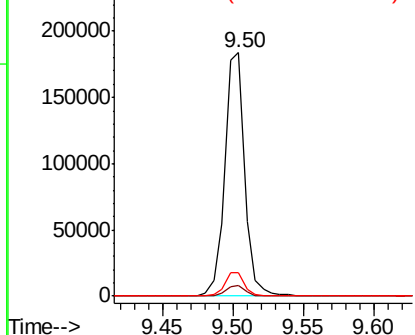


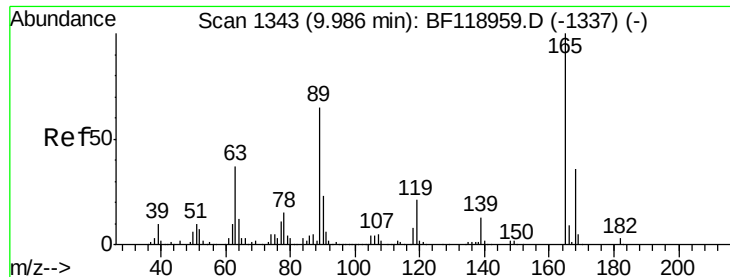
#50
Dimethylphthalate
Concen: 5.545 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119069.D
Acq: 25 Feb 2020 17:19

Tgt Ion:163 Resp: 180171
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

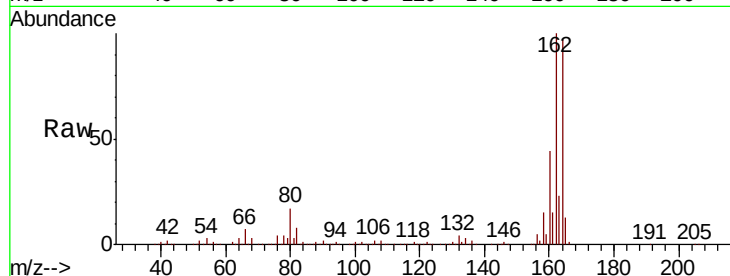




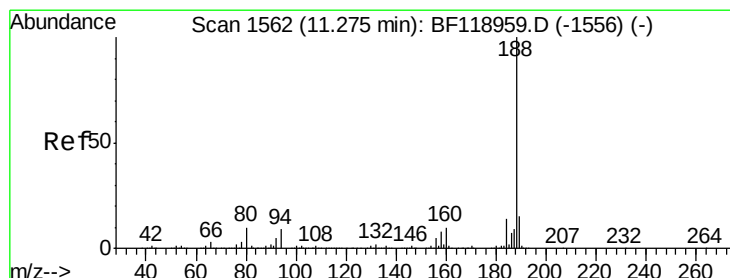
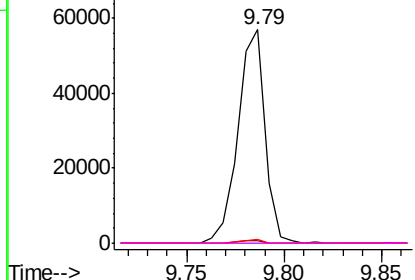
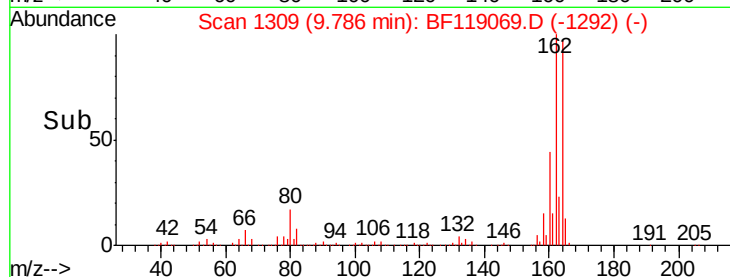
#57
 2,4-Dinitrotoluene
 Concen: 5.843 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119069.D
 Acq: 25 Feb 2020 17:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 54672
 Ion Ratio Lower Upper
 165 100
 63 1.2 29.8 44.8#
 89 1.7 51.9 77.9#
 182 0.0 2.3 3.5#

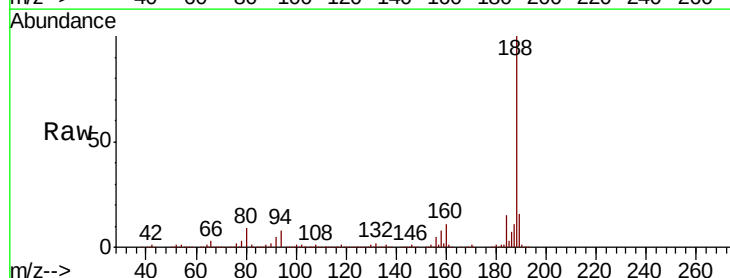


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

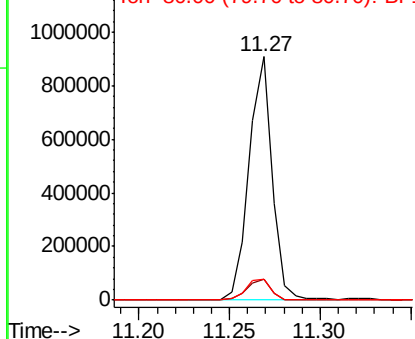
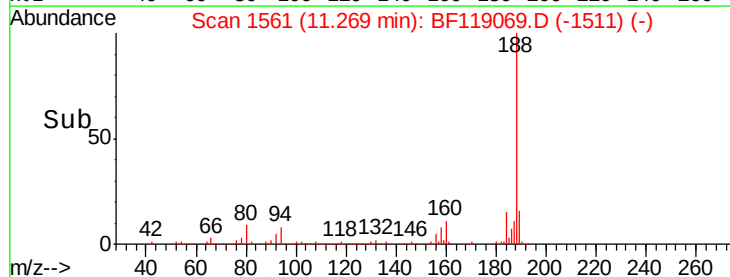


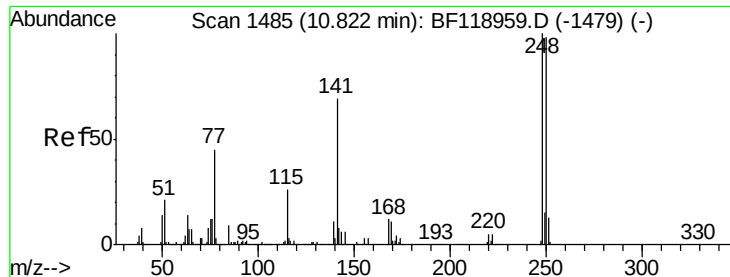
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119069.D
 Acq: 25 Feb 2020 17:19

Tgt Ion:188 Resp: 802649
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.0 10.6
 80 8.8 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

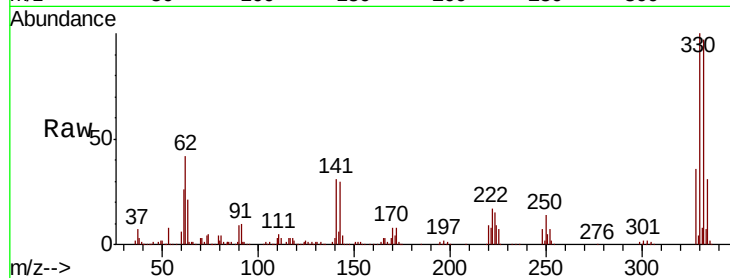




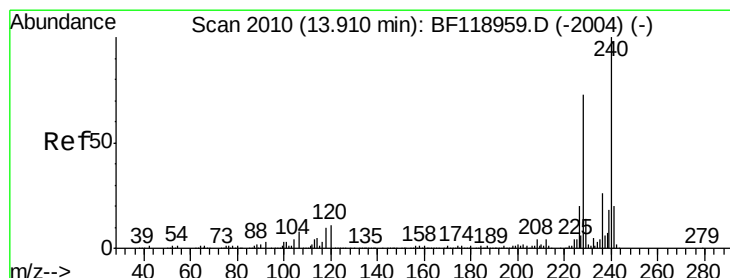
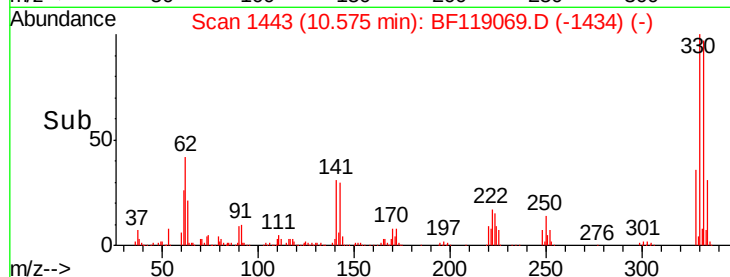
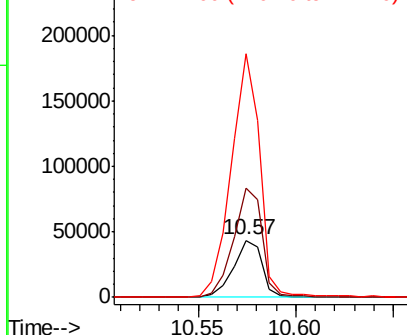
#67
 4-Bromophenyl-phenylether
 Concen: 4.200 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119069.D
 Acq: 25 Feb 2020 17:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 44064
 Ion Ratio Lower Upper
 248 100
 250 192.7 78.8 118.2#
 141 428.2 55.3 82.9#

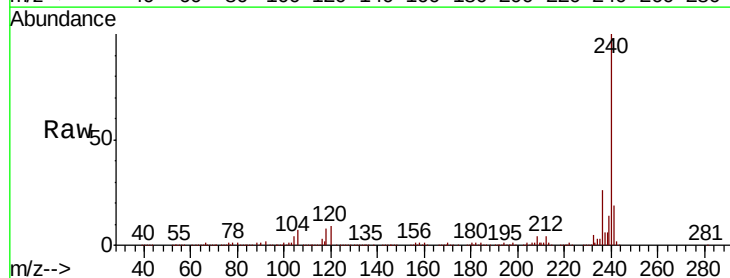


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

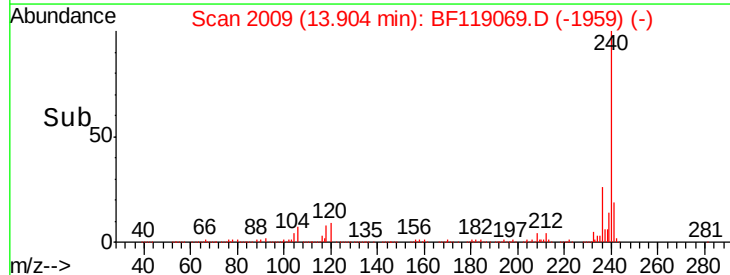
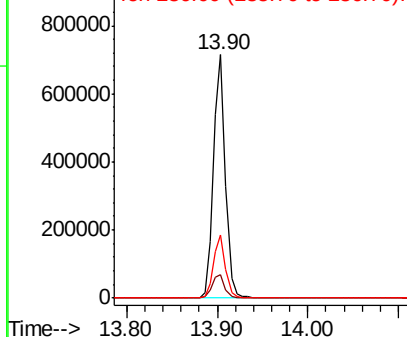


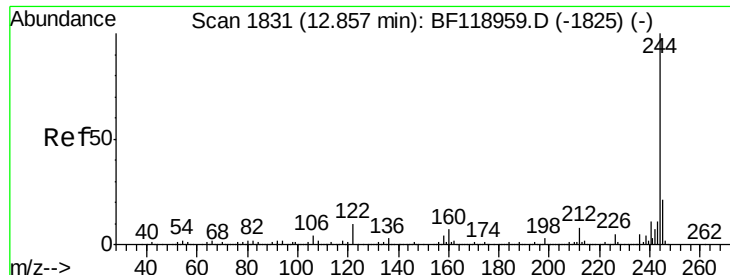
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119069.D
 Acq: 25 Feb 2020 17:19

Tgt Ion:240 Resp: 657218
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 25.9 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: 63.278 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

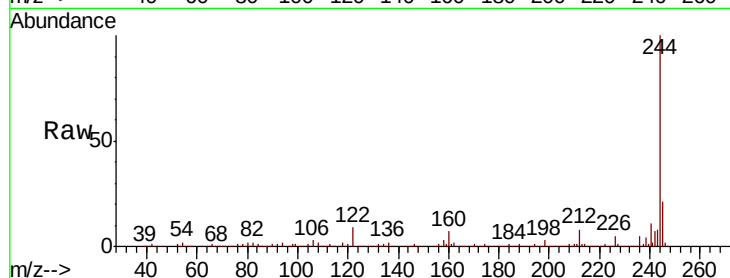
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 2415507

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	8.7	8.4	12.6

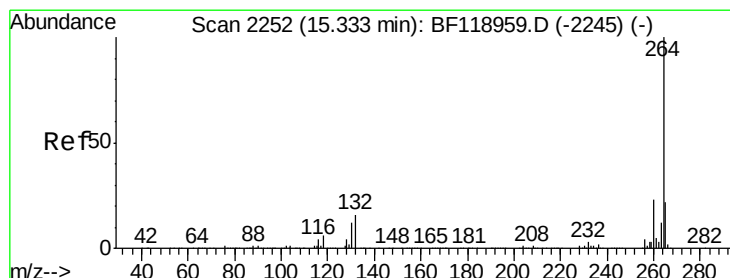
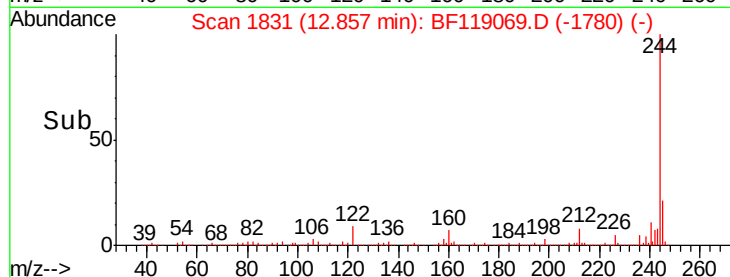
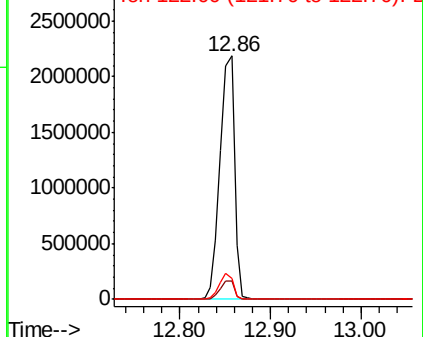


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

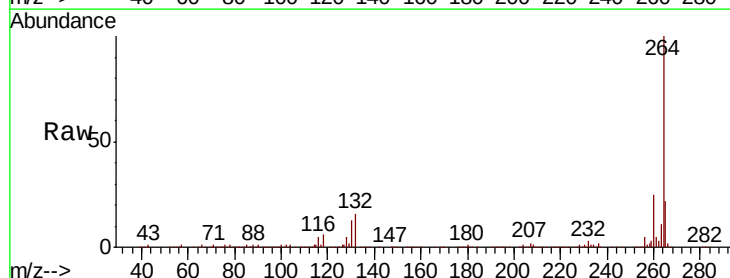
Delta R.T. -0.01 min

Lab File: BF119069.D

Acq: 25 Feb 2020 17:19

Tgt Ion:264 Resp: 557414

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.4	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

