

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119030.D
 Acq On : 24 Feb 2020 19:32
 Operator : CG/JU
 Sample : L1650-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:26:11 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

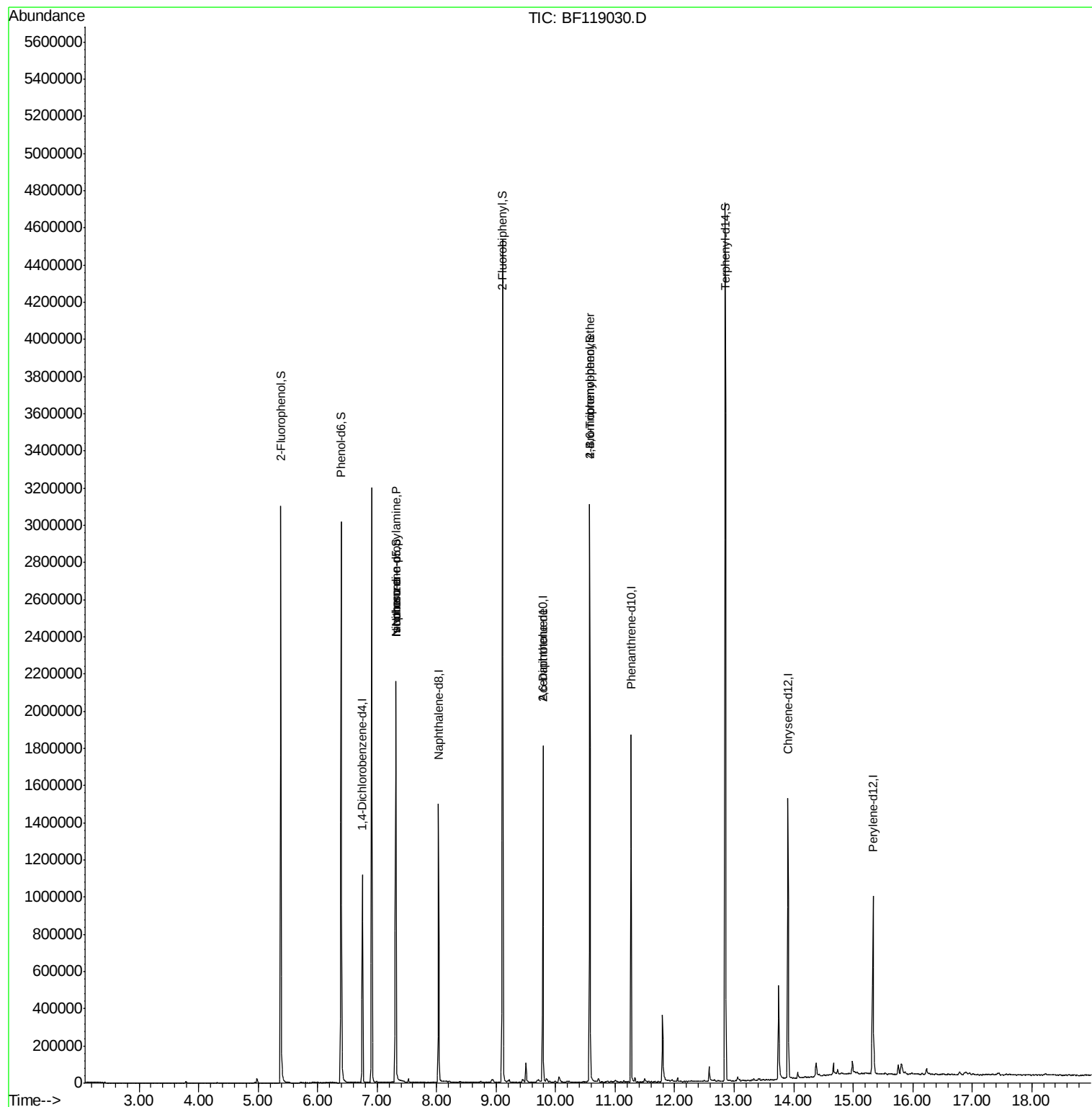
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172127	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	661930	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	366969	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	676479	20.00	ng	0.00
76) Chrysene-d12	13.90	240	488192	20.00	ng	0.00
87) Perylene-d12	15.33	264	446527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	952351	92.46	ng	0.00
7) Phenol-d6	6.40	99	1139062	90.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	752317	60.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	417453	86.96	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1474055	59.17	ng	-0.01
79) Terphenyl-d14	12.85	244	1757551	61.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	103458	14.174	ng	# 77
25) Isophorone	7.32	82	750175	34.456	ng	# 63
51) 2,6-Dinitrotoluene	9.79	165	47434	7.608	ng	# 30
67) 4-Bromophenyl-phenylether	10.57	248	27759	3.139	ng	# 1

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

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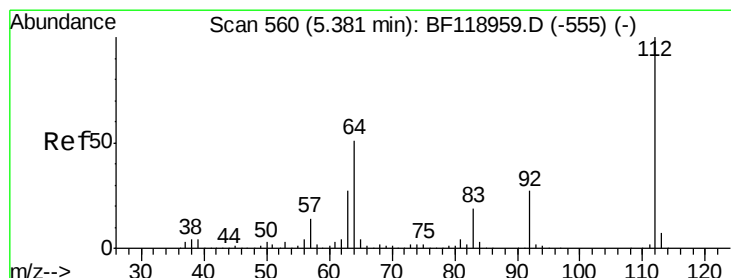
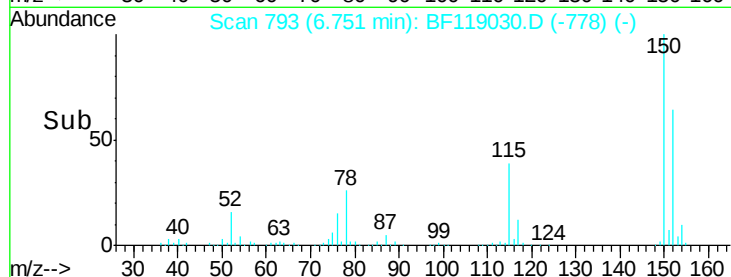
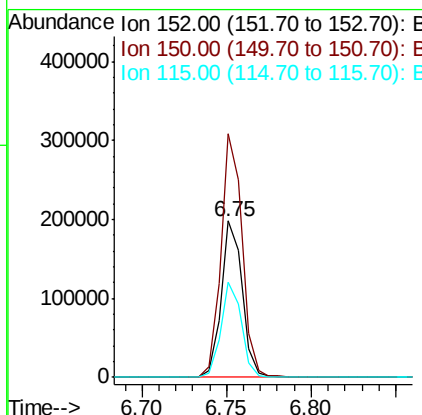
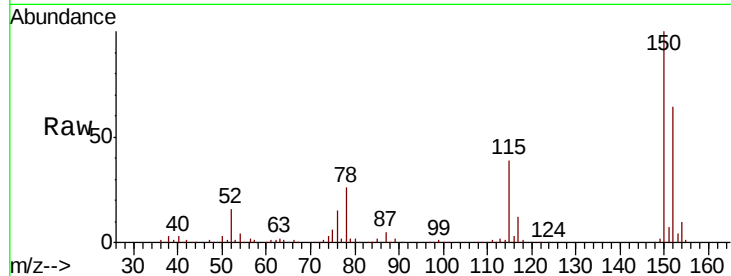


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Instrument :
BNA_F
ClientSampled :

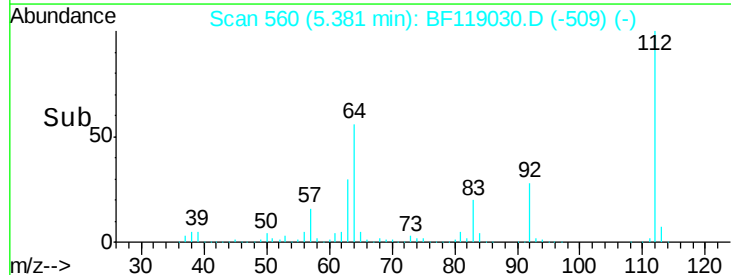
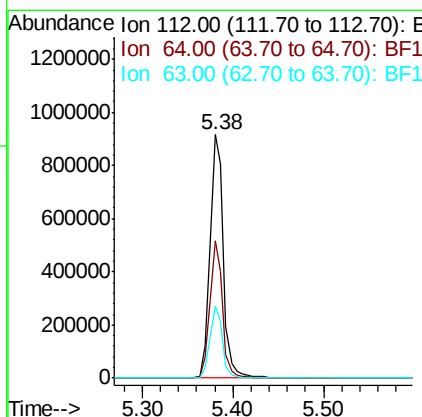
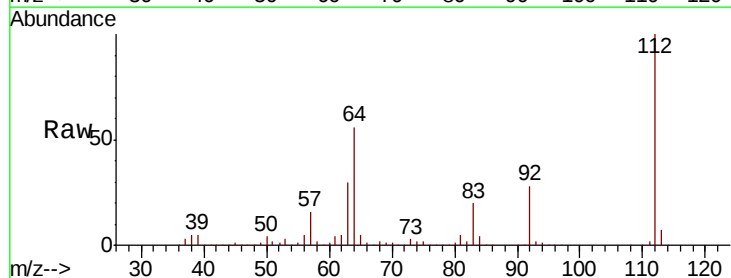
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.3	186.5
115	61.0	44.6	67.0



#5

2-Fluorophenol
Concen: 92.464 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	40.4	60.6
63	29.5	21.3	31.9





#7

Phenol-d6

Concen: 90.933 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampled :

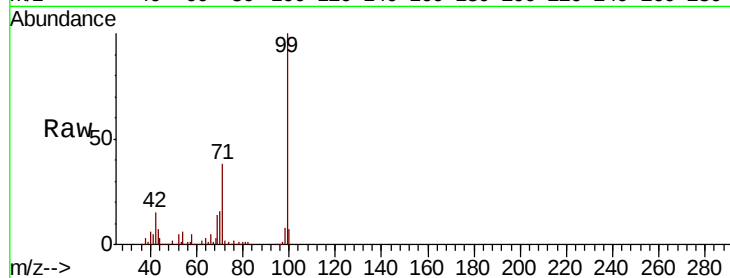
Tot Ion: 99 Resp: 1139062

Ion Ratio Lower Upper

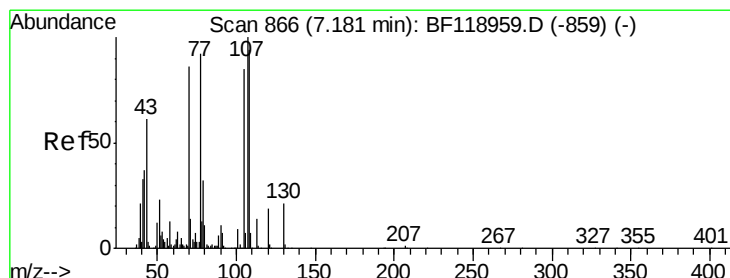
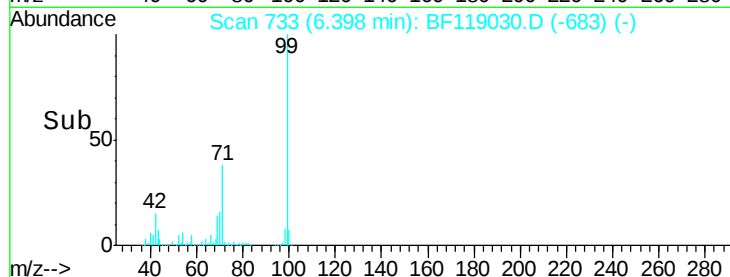
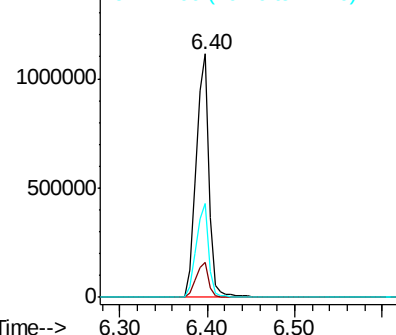
99 100

42 14.5 11.4 17.0

71 38.4 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 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: 14.174 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

Tgt Ion: 70 Resp: 103458

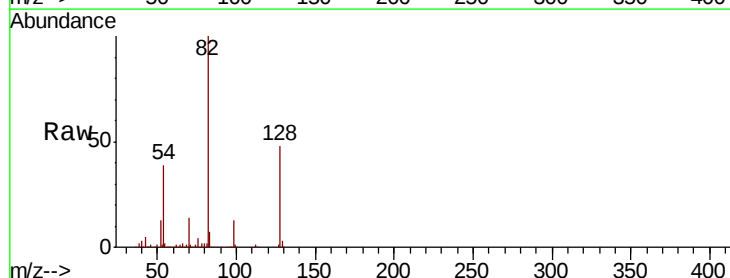
Ion Ratio Lower Upper

70 100

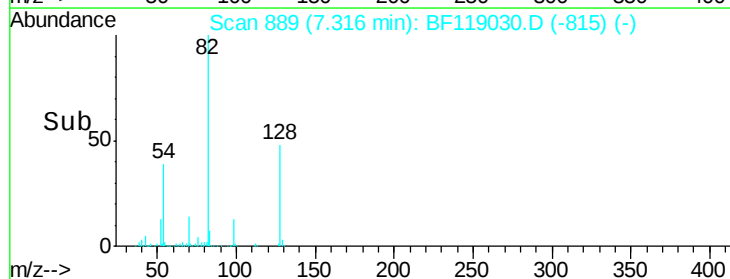
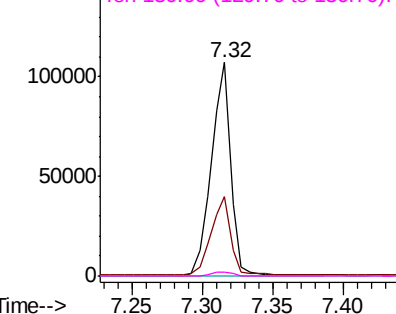
42 37.1 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1
150000 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: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 661930

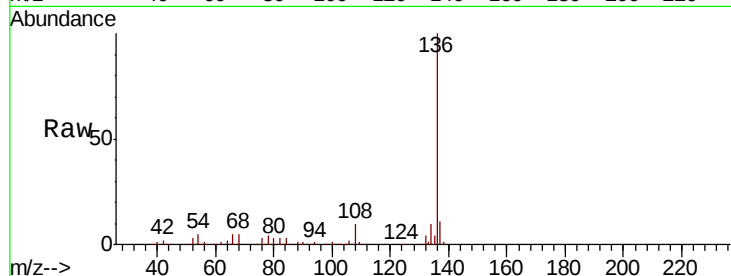
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 5.0 3.8 5.6

68 5.4 4.2 6.2

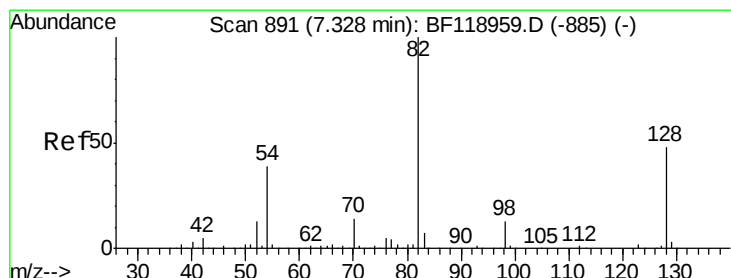
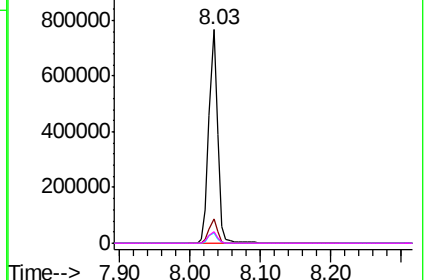
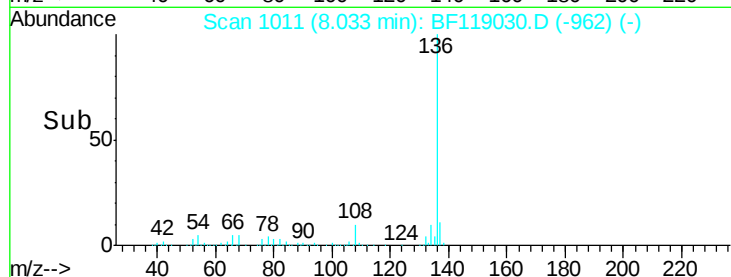


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.010 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

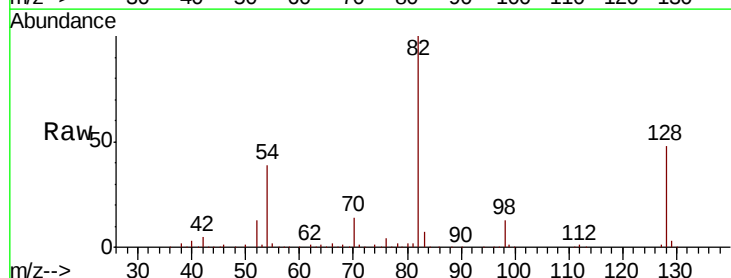
Tgt Ion: 82 Resp: 752317

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.2

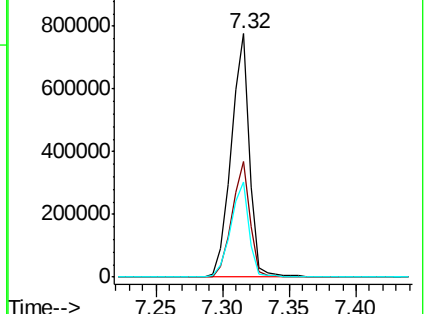
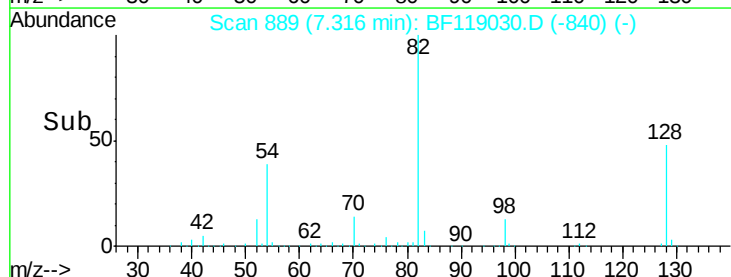
54 39.0 31.3 46.9



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

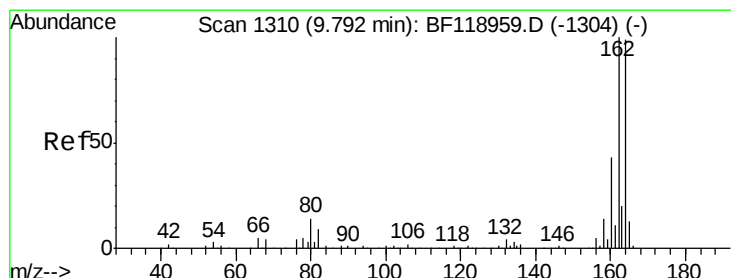
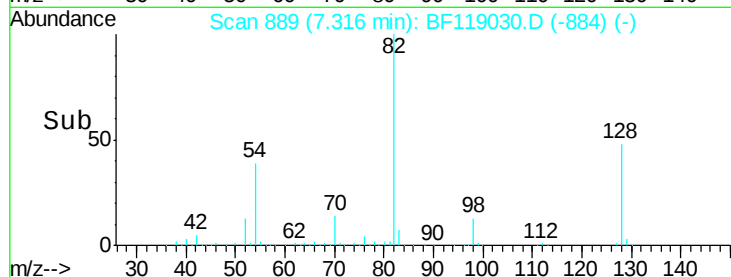
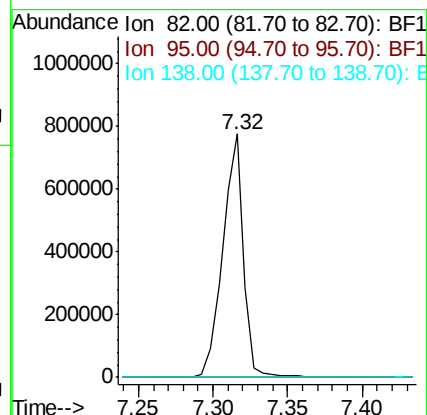
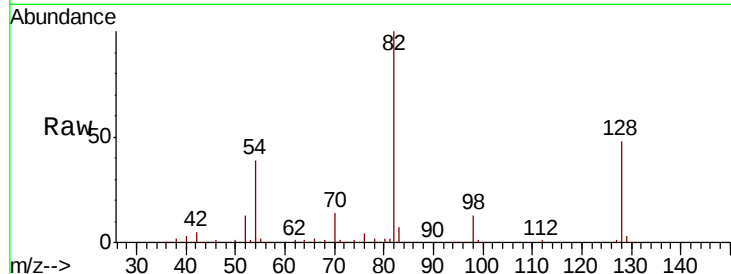




#25
Isophorone
Concen: 34.456 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

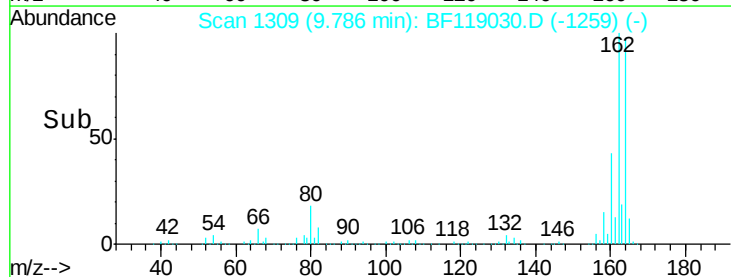
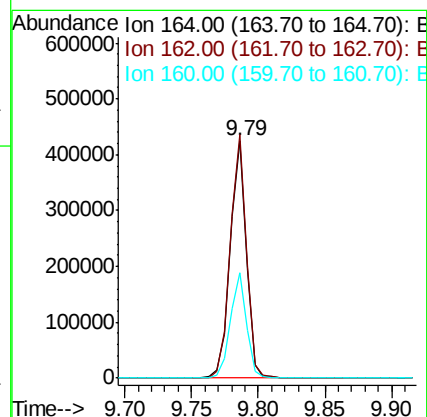
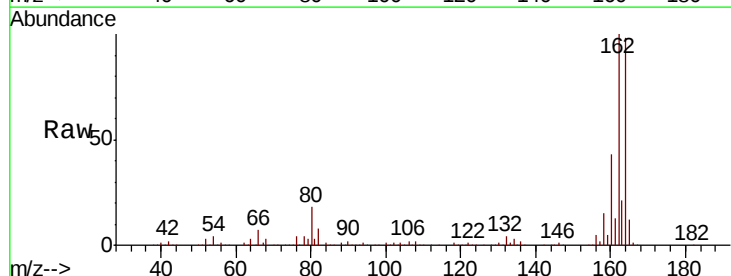
Instrument :
BNA_F
ClientSampled :

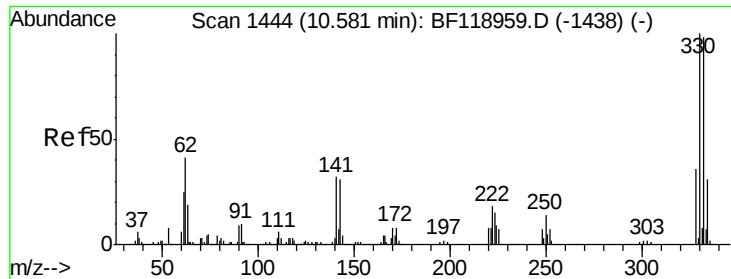
Tot Ion: 82 Resp: 750175
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Tgt Ion: 164 Resp: 366969
Ion Ratio Lower Upper
164 100
162 102.5 81.2 121.8
160 44.4 35.2 52.8

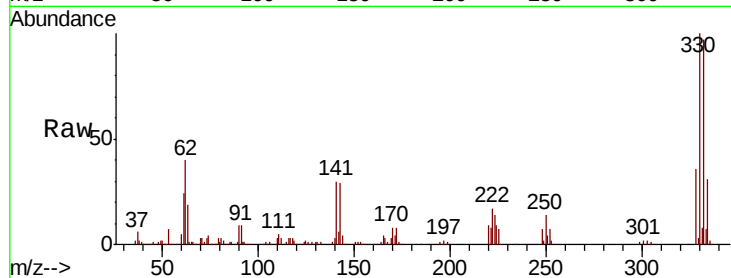




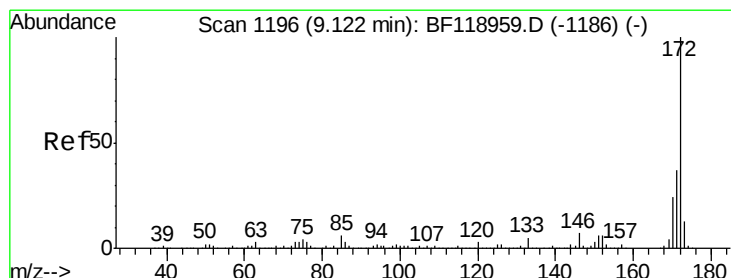
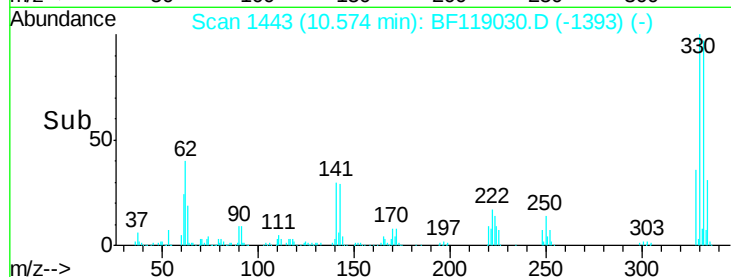
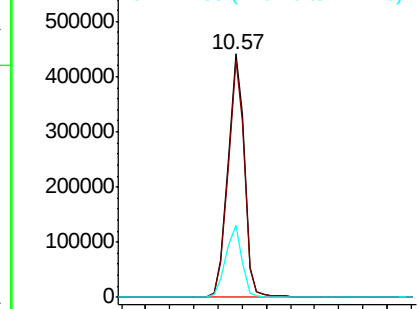
#42
 2,4,6-Tribromophenol
 Concen: 86.959 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119030.D
 Acq: 24 Feb 2020 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	29.2	23.0	34.6

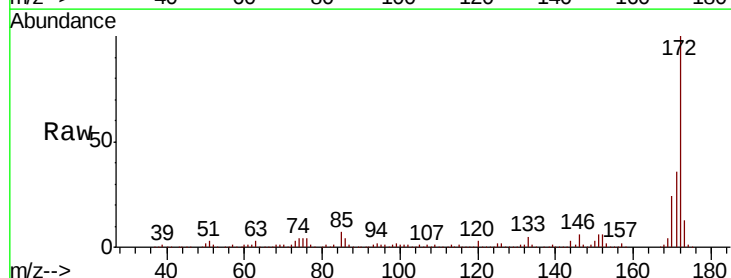


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

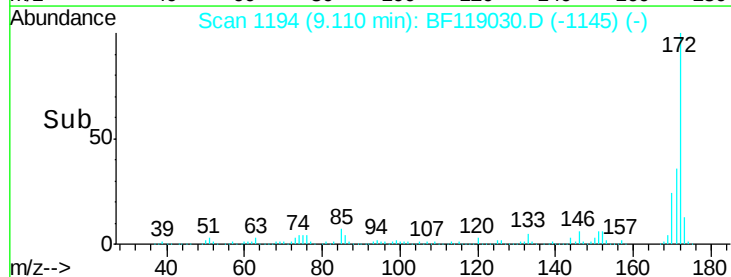
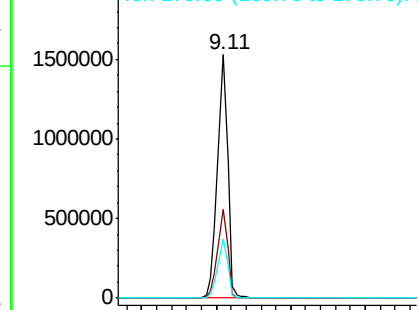


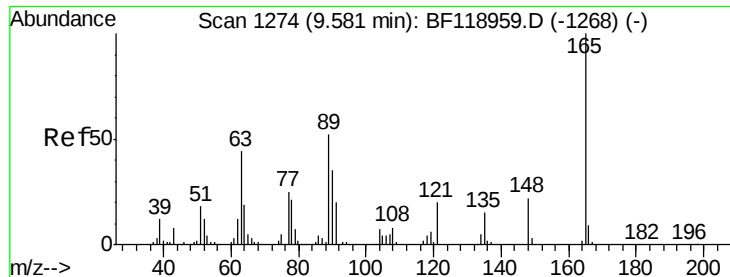
#45
 2-Fluorobiphenyl
 Concen: 59.175 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119030.D
 Acq: 24 Feb 2020 19:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.2	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: 7.608 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

Instrument :

BNA_F

ClientSampleId :

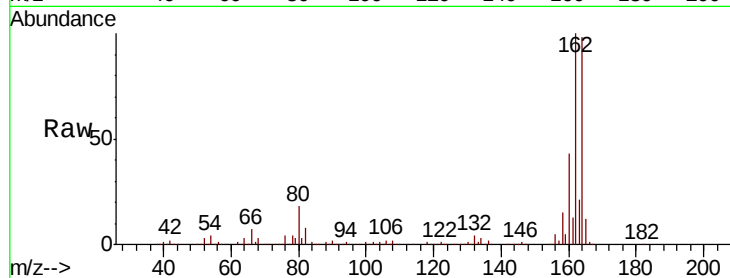
Tot Ion:165 Resp: 47434

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

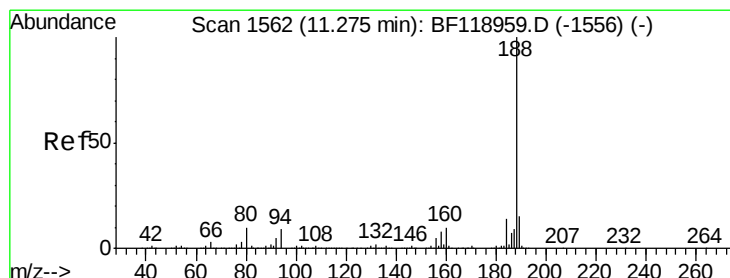
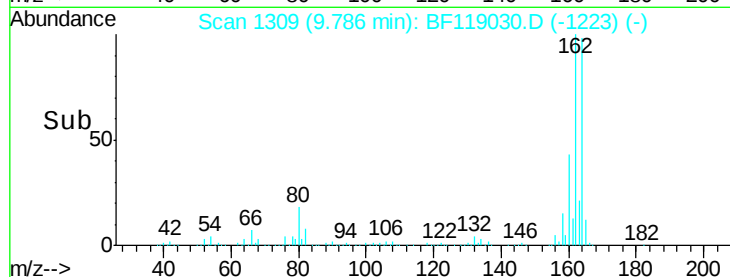
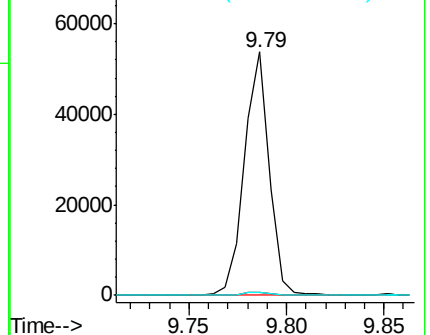
89 1.4 41.4 62.0#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119030.D

Acq: 24 Feb 2020 19:32

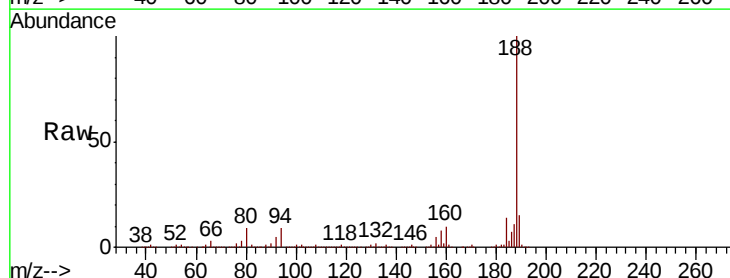
Tgt Ion:188 Resp: 676479

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

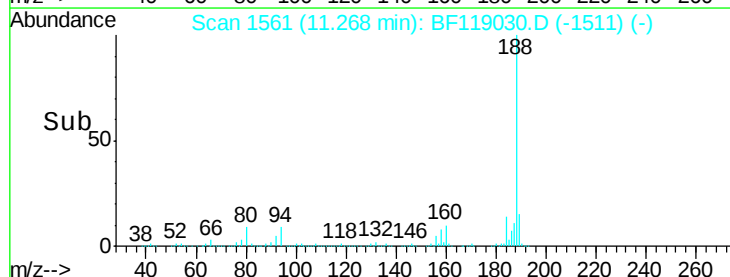
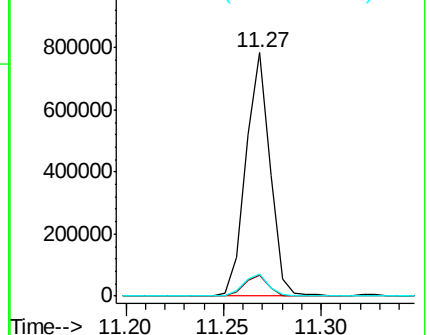
80 9.2 7.9 11.9

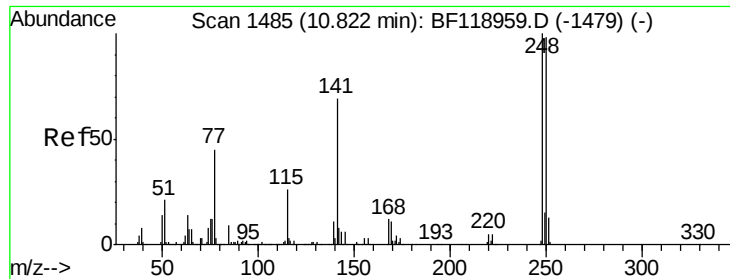


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

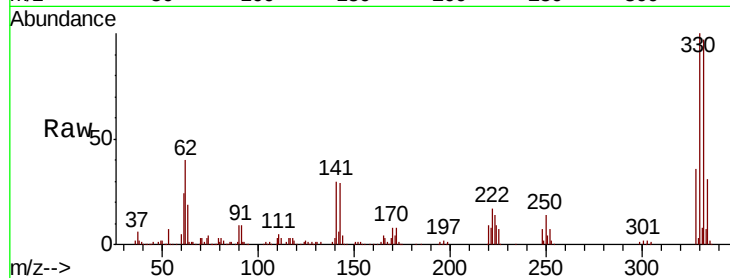




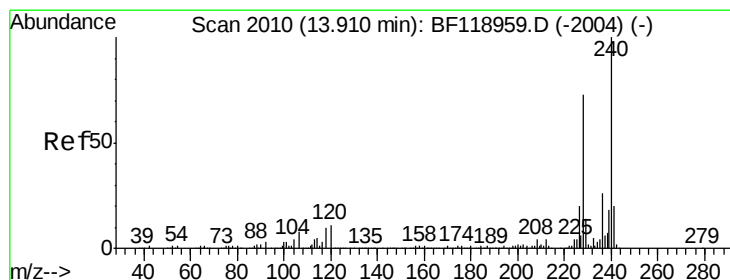
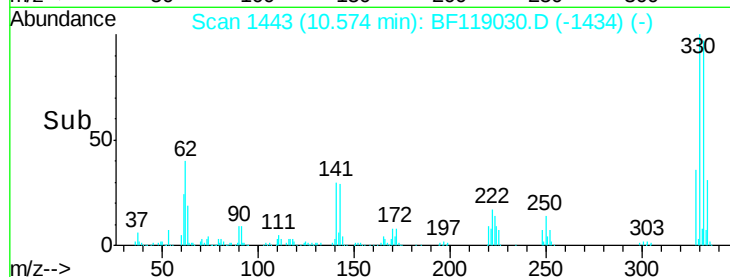
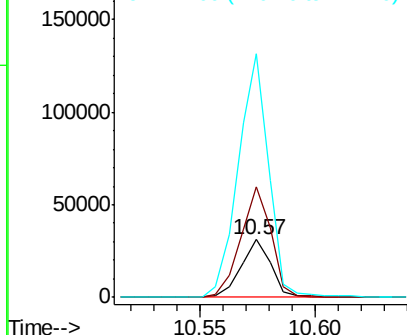
#67
4-Bromophenyl-phenylether
Concen: 3.139 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27759
Ion Ratio Lower Upper
248 100
250 192.9 78.8 118.2#
141 423.1 55.3 82.9#

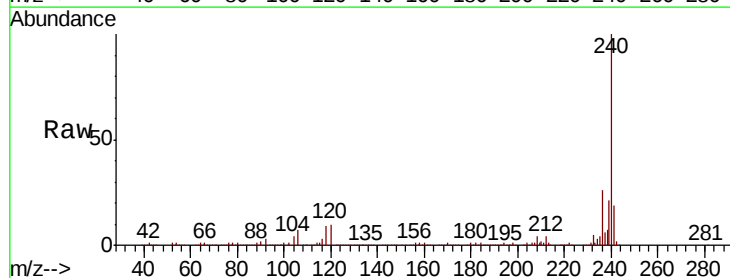


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

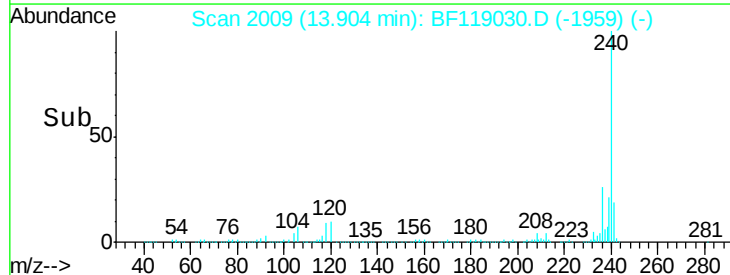
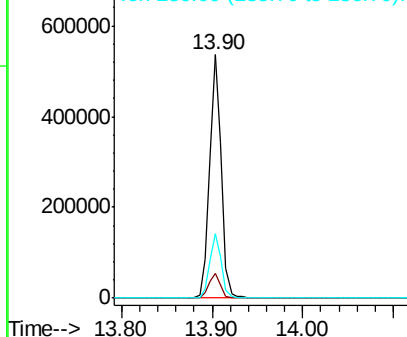


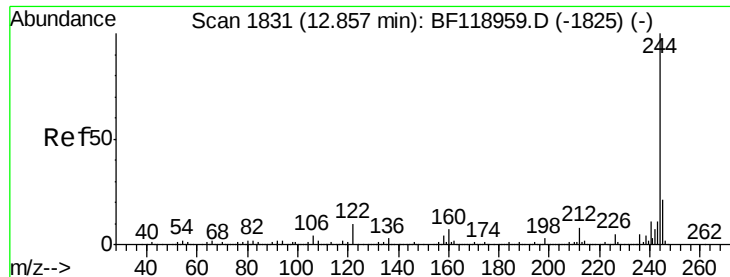
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119030.D
Acq: 24 Feb 2020 19:32

Tgt Ion:240 Resp: 488192
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.4 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

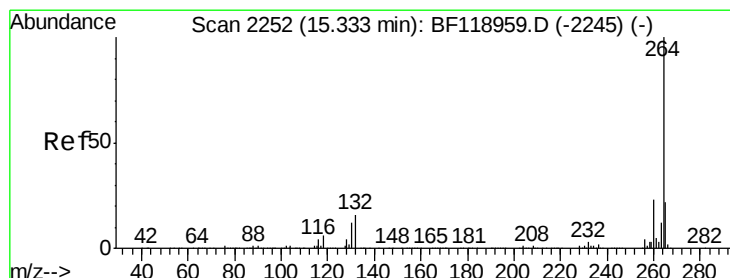
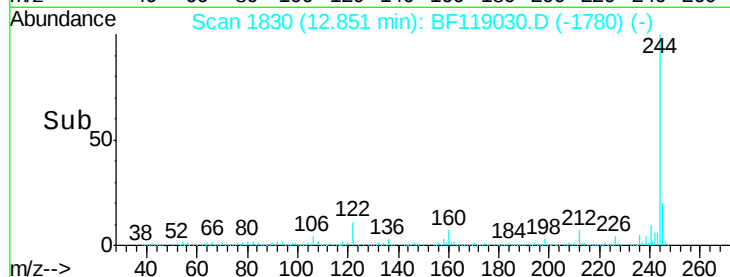
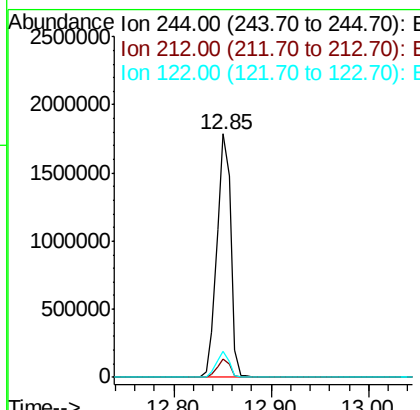
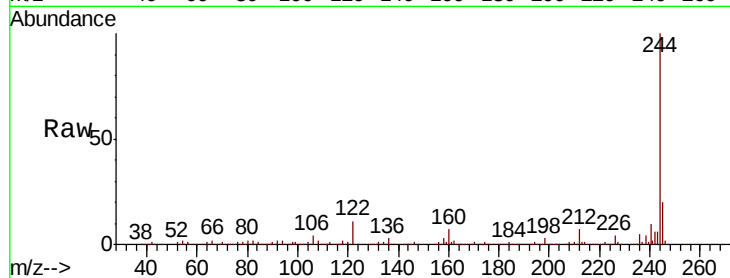




#79
 Terphenyl-d14
 Concen: 61.982 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119030.D
 Acq: 24 Feb 2020 19:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1757551
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 10.6 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: BF119030.D
 Acq: 24 Feb 2020 19:32

Tgt Ion:264 Resp: 446527
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.8 17.3 25.9

