

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119023.D
 Acq On : 24 Feb 2020 15:09
 Operator : CG/JU
 Sample : PB126979BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:24:44 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

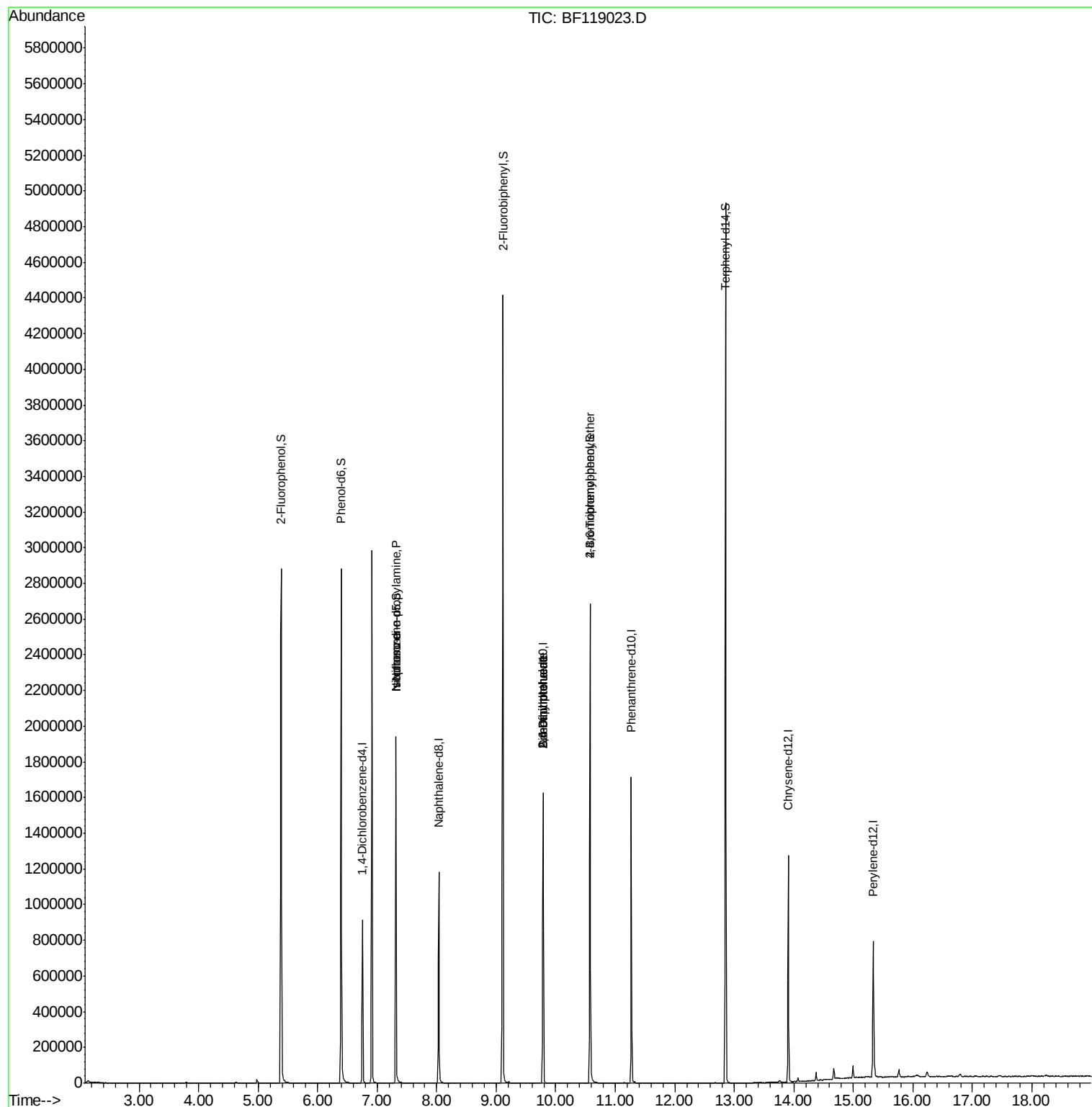
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	149598	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	584998	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	340828	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	656735	20.00	ng	0.00
76) Chrysene-d12	13.90	240	438093	20.00	ng	0.00
87) Perylene-d12	15.33	264	362336	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	887365	99.13	ng	0.00
7) Phenol-d6	6.40	99	1060781	97.44	ng	0.00
23) Nitrobenzene-d5	7.32	82	713124	64.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.58	330	395543	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1472567	63.65	ng	-0.01
79) Terphenyl-d14	12.86	244	1897177	74.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	96537	15.218	ng	# 76
25) Isophorone	7.32	82	713118	37.061	ng	# 63
50) Dimethylphthalate	9.79	163	68275	2.620	ng	# 1
51) 2,6-Dinitrotoluene	9.79	165	43505	7.513	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	43505	5.797	ng	# 29
67) 4-Bromophenyl-phenylether	10.57	248	25903	3.017	ng	# 1

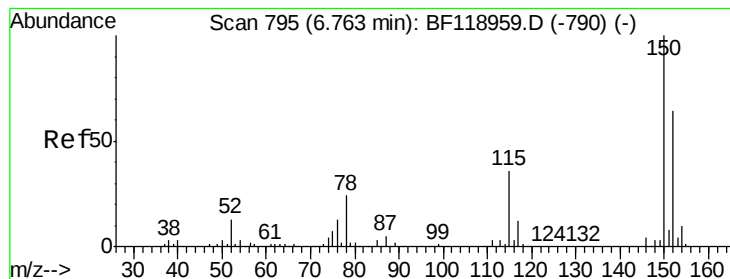
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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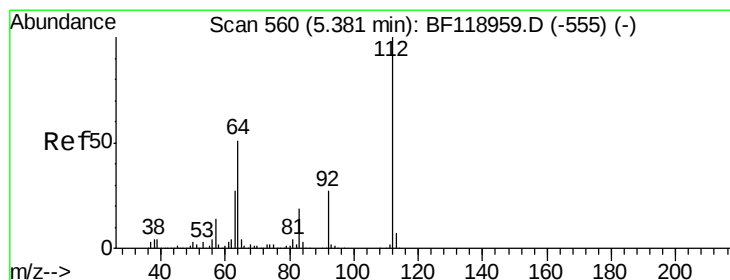
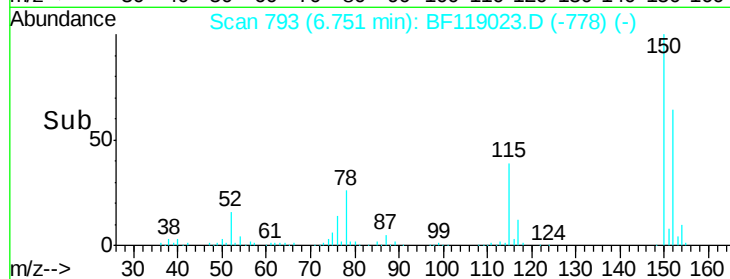
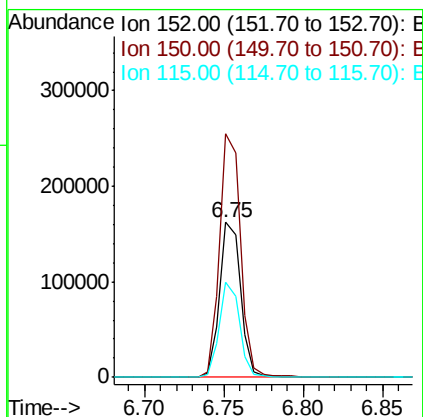
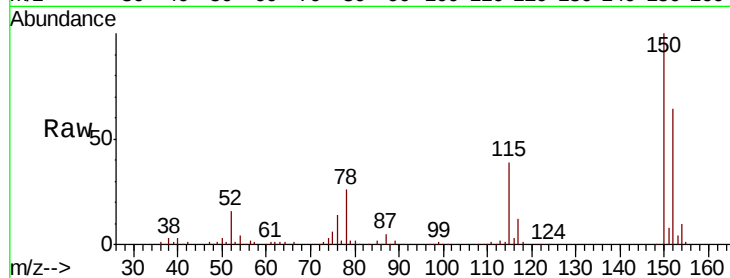


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Instrument :
BNA_F
ClientSampleId :

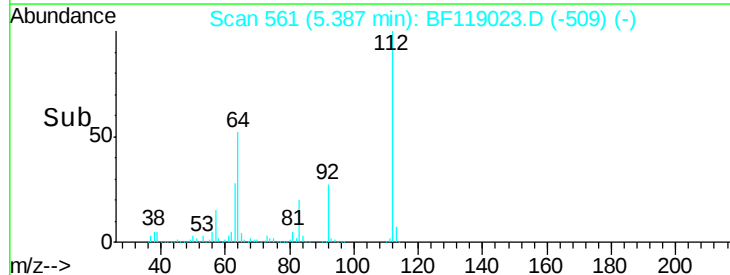
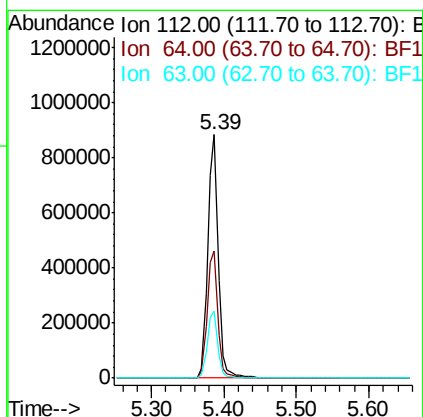
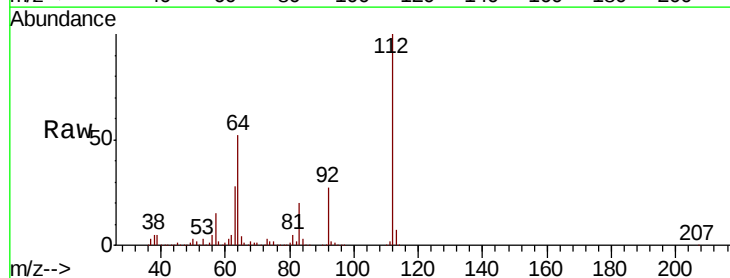
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	61.8	44.6	67.0

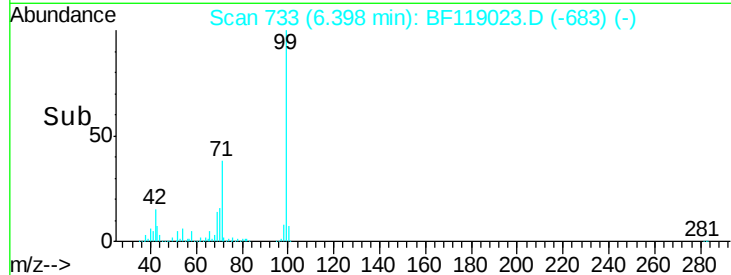
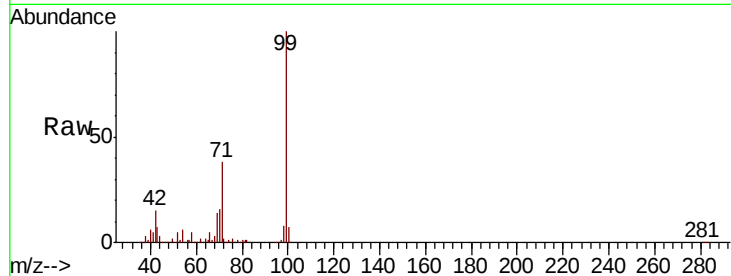
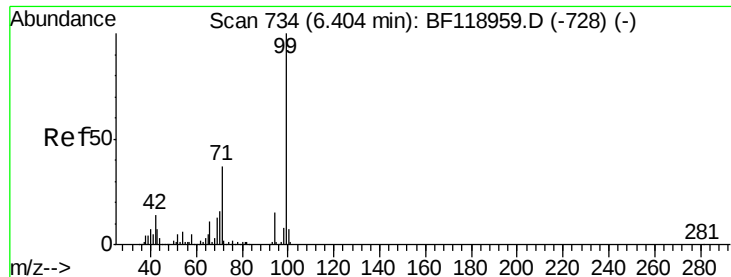


#5

2-Fluorophenol
Concen: 99.129 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	40.4	60.6
63	27.7	21.3	31.9





#7

Phenol-d6

Concen: 97.437 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

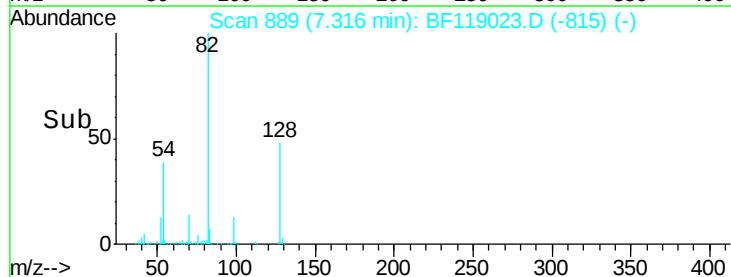
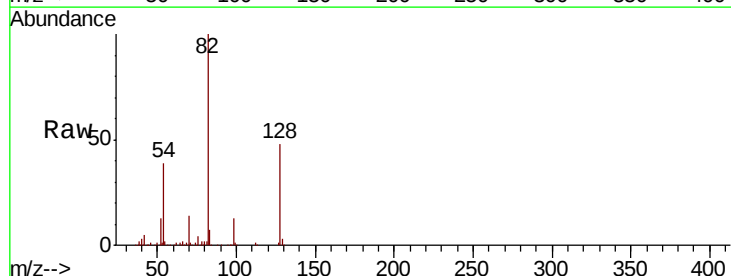
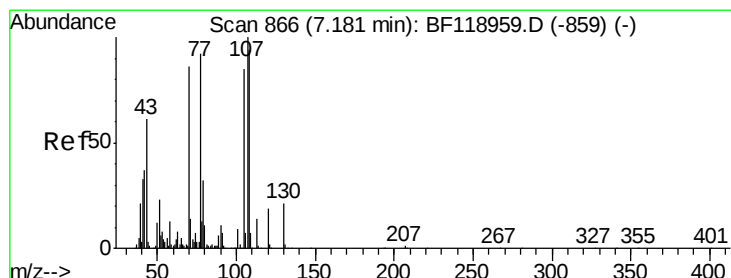
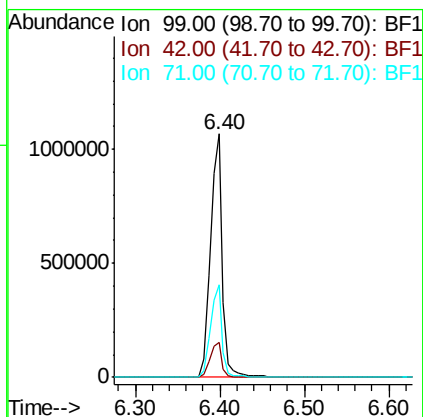
Tot Ion: 99 Resp: 1060781

Ion Ratio Lower Upper

99 100

42 14.6 11.4 17.0

71 38.2 29.8 44.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.218 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Tgt Ion: 70 Resp: 96537

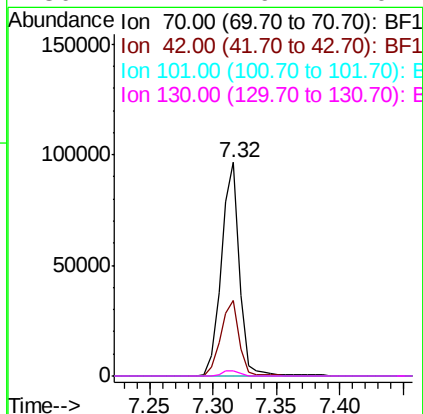
Ion Ratio Lower Upper

70 100

42 35.6 34.6 51.8

101 0.0 8.1 12.1#

130 2.4 19.4 29.2#

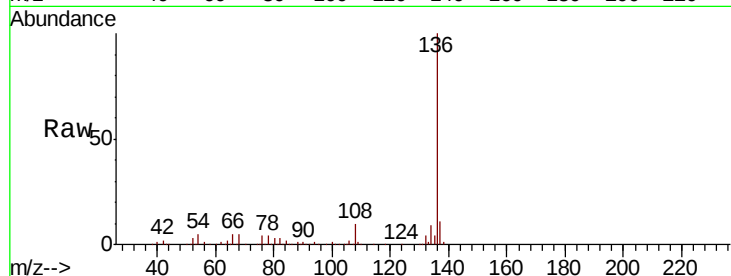




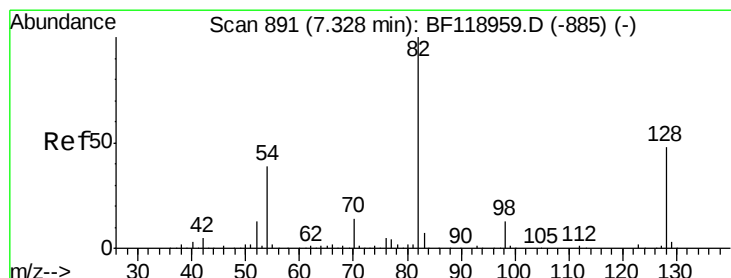
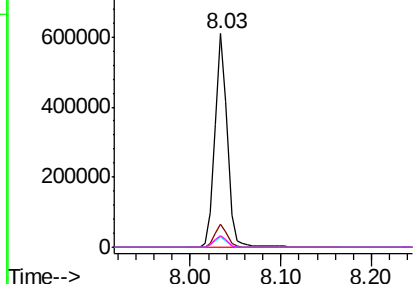
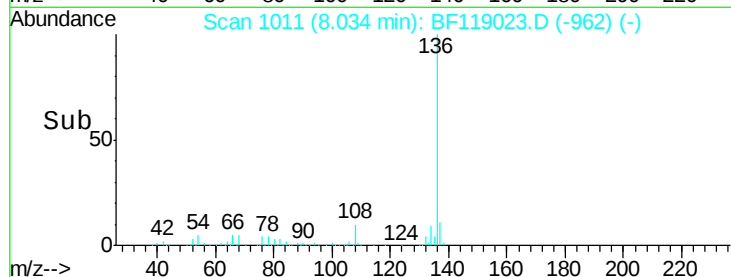
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	584998
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	5.1	3.8 5.6
68	5.4	4.2 6.2

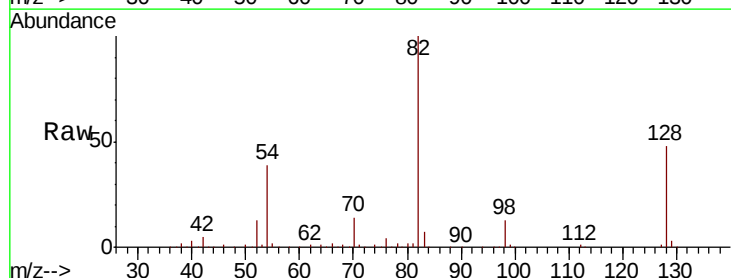


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

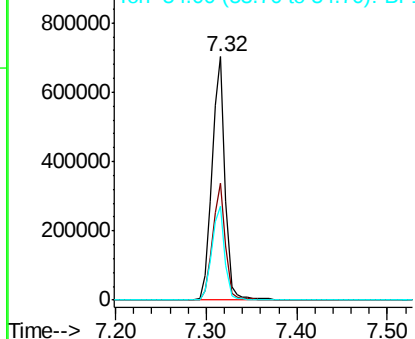
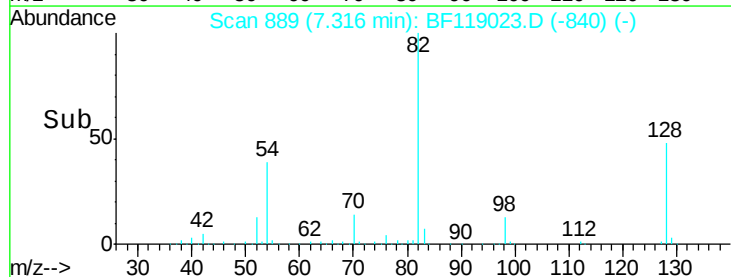


#23
Nitrobenzene-d5
Concen: 64.364 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119023.D
Acq: 24 Feb 2020 15:09

Tgt Ion: 82	Resp:	713124
Ion Ratio	Lower	Upper
82	100	
128	47.9	38.2 57.2
54	38.7	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: 37.061 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

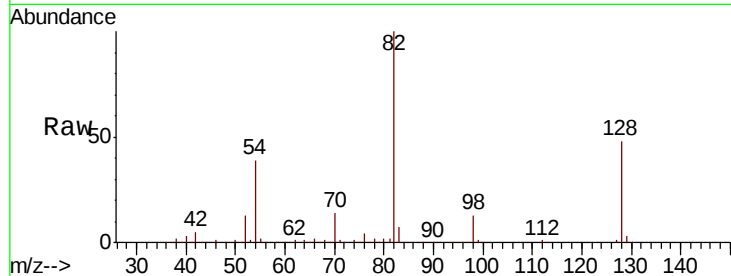
Tot Ion: 82 Resp: 713118

Ion Ratio Lower Upper

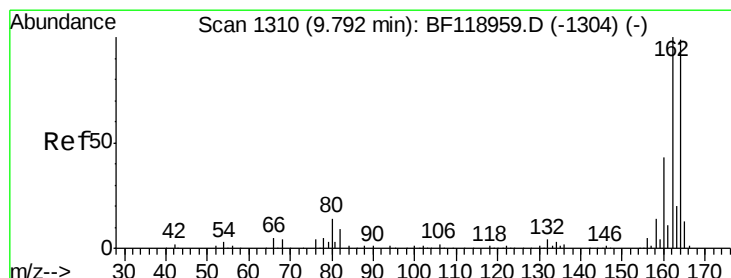
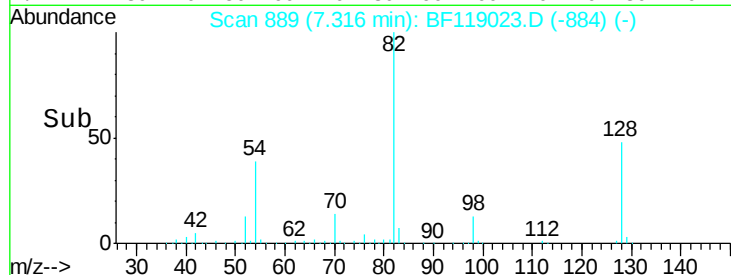
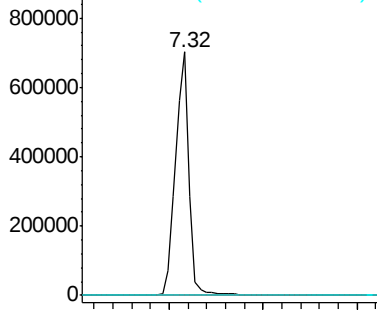
82 100

95 0.0 6.1 9.1#

138 0.0 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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

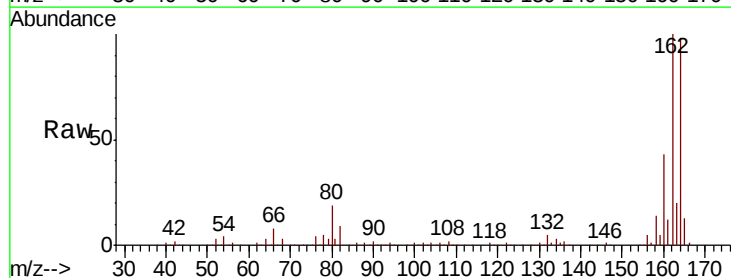
Tgt Ion: 164 Resp: 340828

Ion Ratio Lower Upper

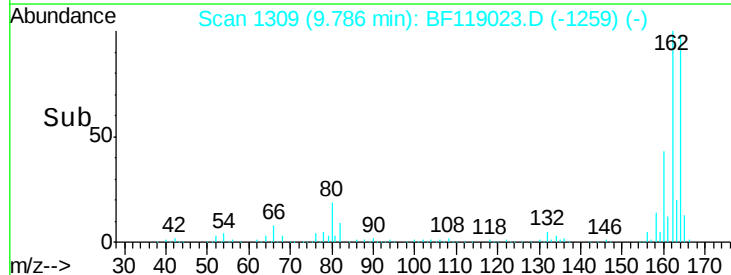
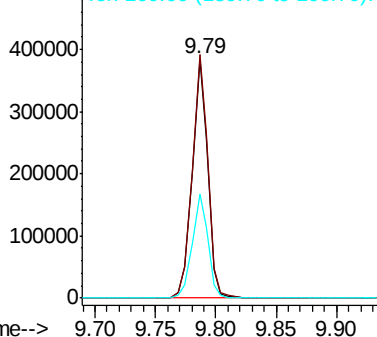
164 100

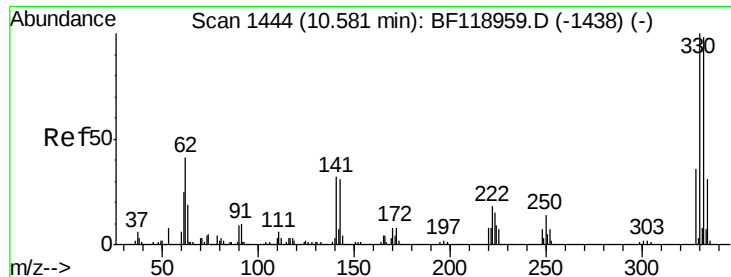
162 101.9 81.2 121.8

160 43.7 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

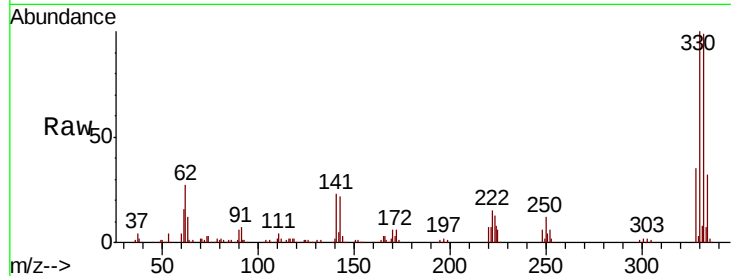




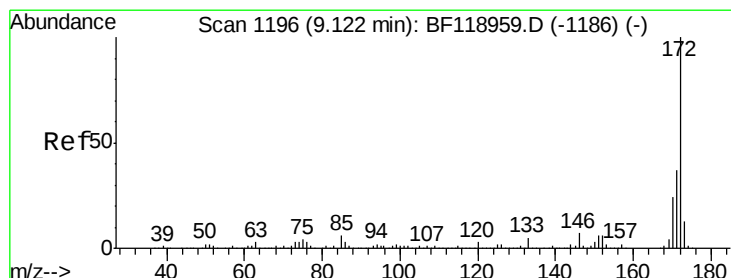
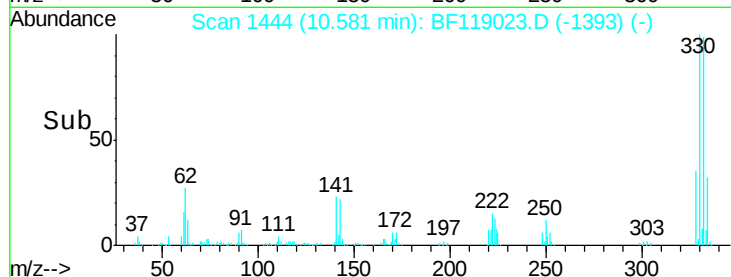
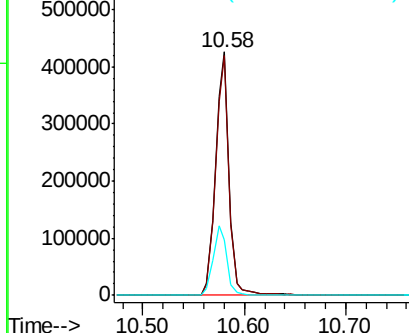
#42
 2,4,6-Tribromophenol
 Concen: 88.715 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.1	115.7
141	29.3	23.0	34.6

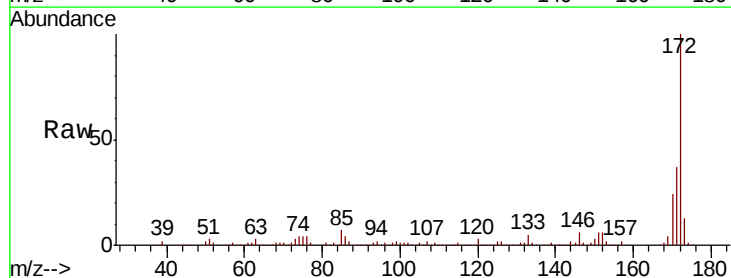


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

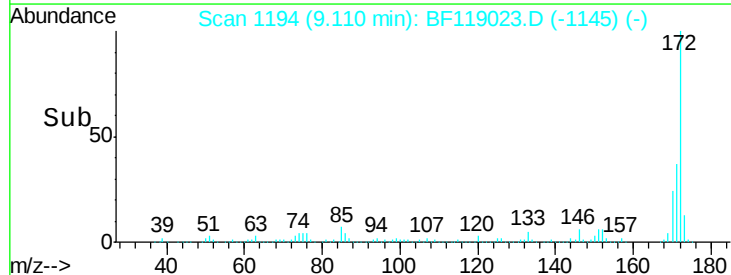
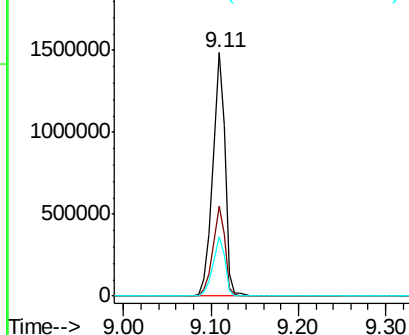


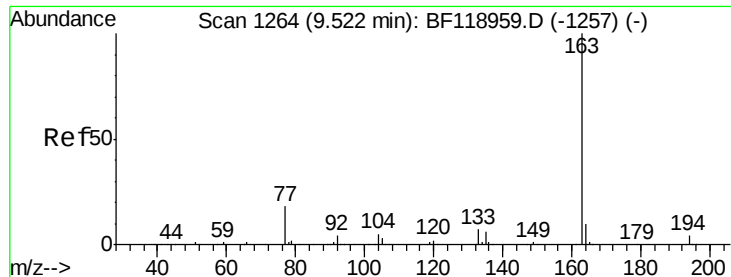
#45
 2-Fluorobiphenyl
 Concen: 63.649 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	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





#50

Dimethylphthalate

Concen: 2.620 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.26 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleID :

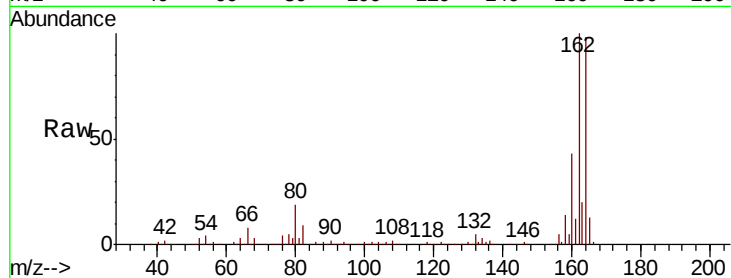
Tot Ion:163 Resp: 68275

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

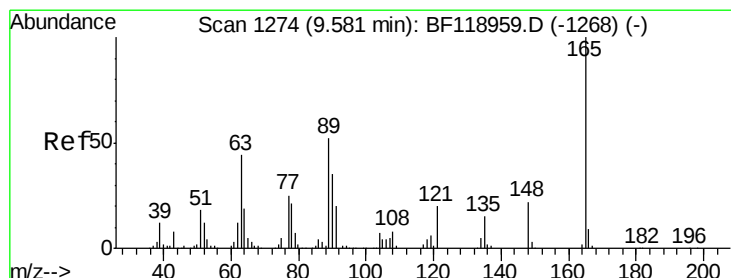
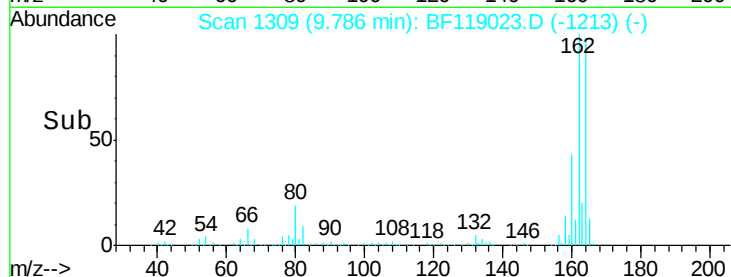
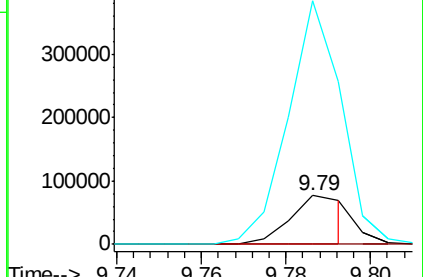
164 496.6 8.2 12.2#



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: 7.513 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

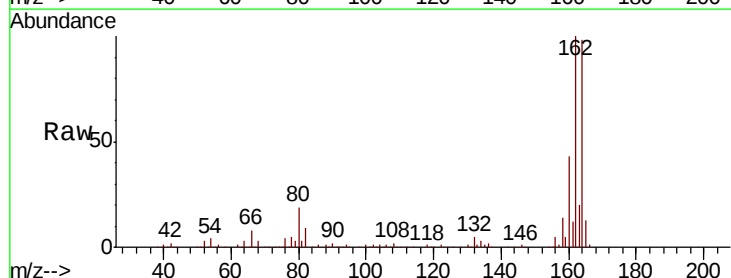
Tgt Ion:165 Resp: 43505

Ion Ratio Lower Upper

165 100

63 1.2 37.9 56.9#

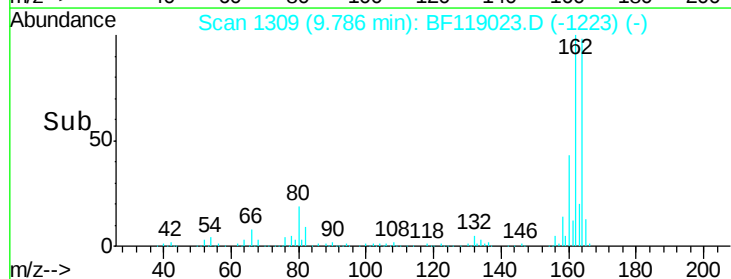
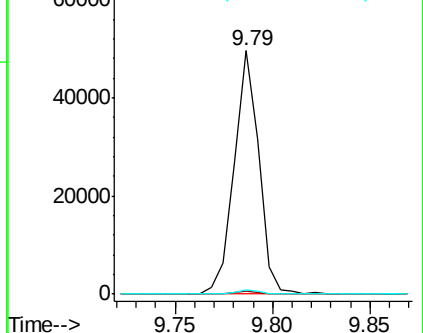
89 1.7 41.4 62.0#



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

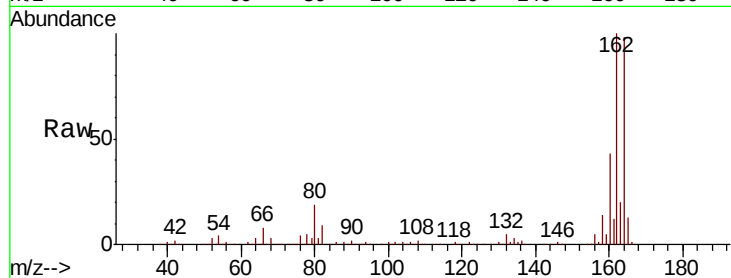




#57
 2,4-Dinitrotoluene
 Concen: 5.797 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.20 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	43505
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#

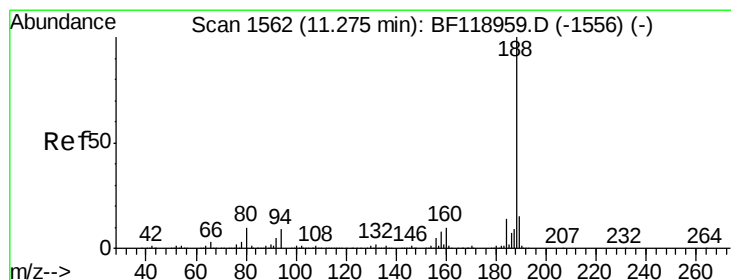
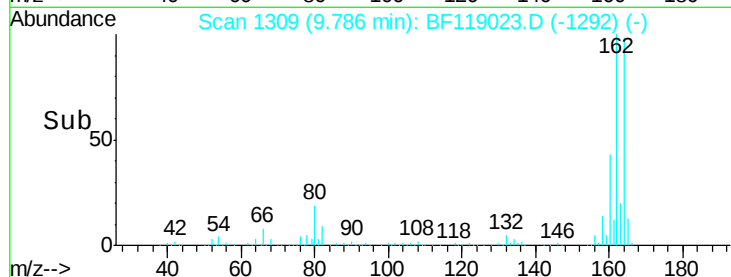
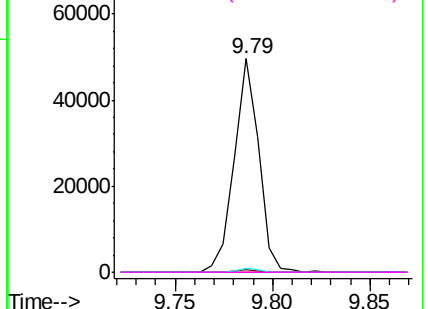


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

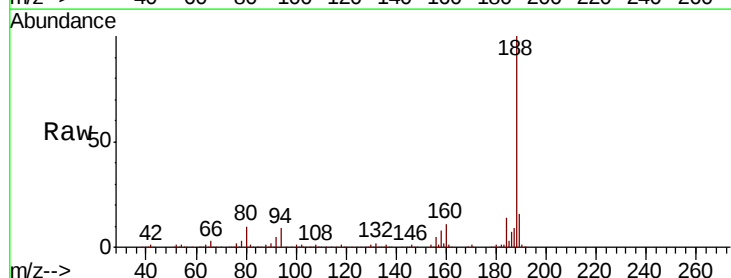
Ion 89.00 (88.70 to 89.70): BF1

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: BF119023.D
 Acq: 24 Feb 2020 15:09

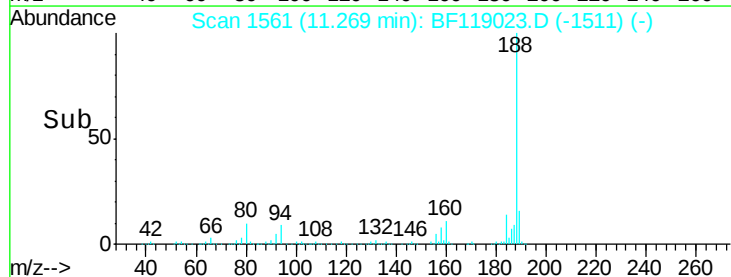
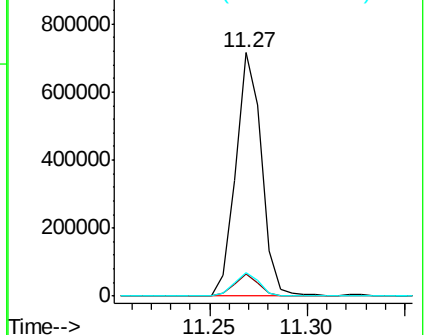
Tgt Ion:188	Resp:	656735
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.0 10.6
80	9.8	7.9 11.9

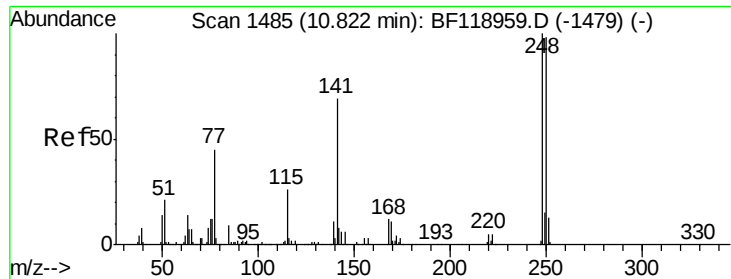


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

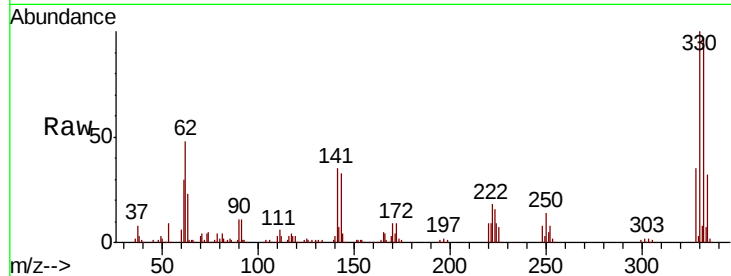




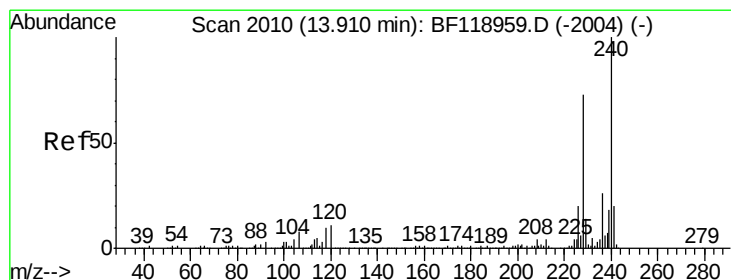
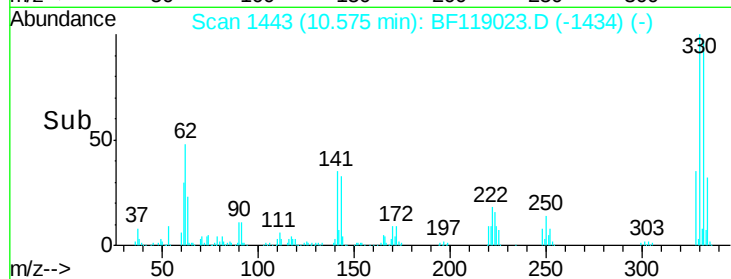
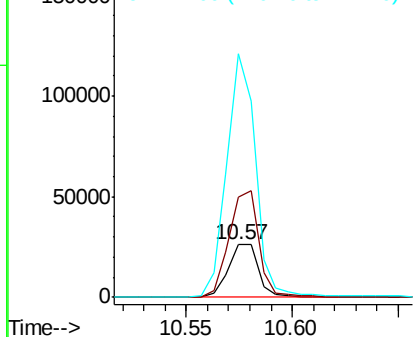
#67
 4-Bromophenyl-phenylether
 Concen: 3.017 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 25903
 Ion Ratio Lower Upper
 248 100
 250 190.9 78.8 118.2#
 141 461.7 55.3 82.9#

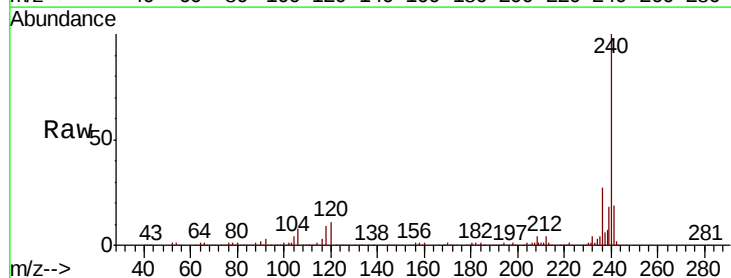


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

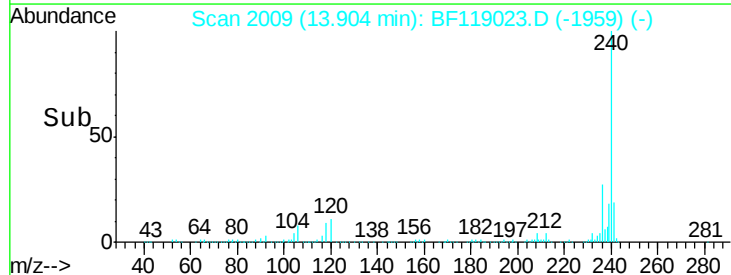
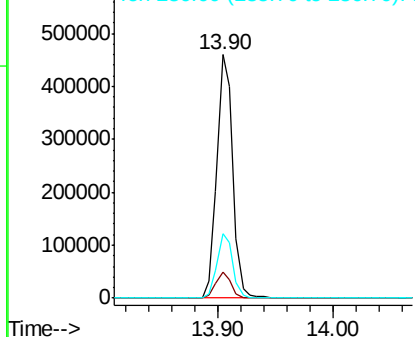


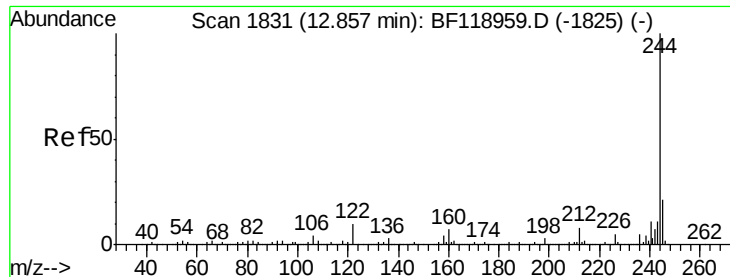
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119023.D
 Acq: 24 Feb 2020 15:09

Tgt Ion:240 Resp: 438093
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.5 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: 74.558 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

Instrument :

BNA_F

ClientSampleId :

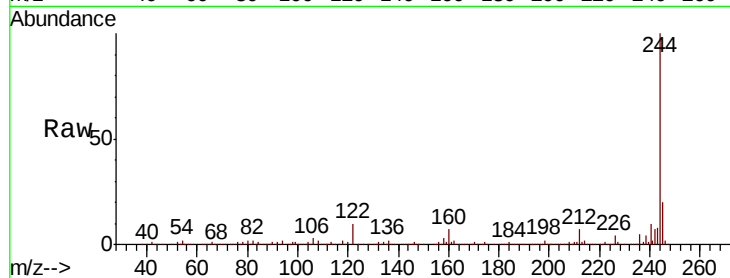
Tot Ion:244 Resp: 1897177

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 9.6 8.4 12.6



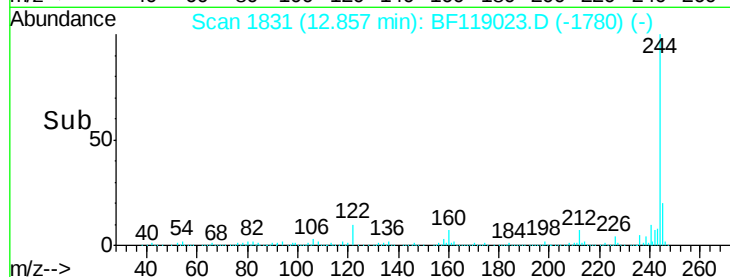
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.86

Time-->



Abundance

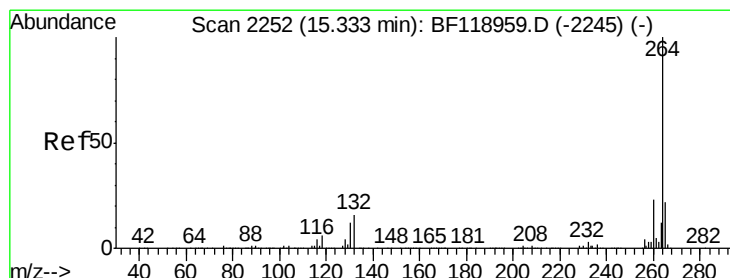
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.86

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119023.D

Acq: 24 Feb 2020 15:09

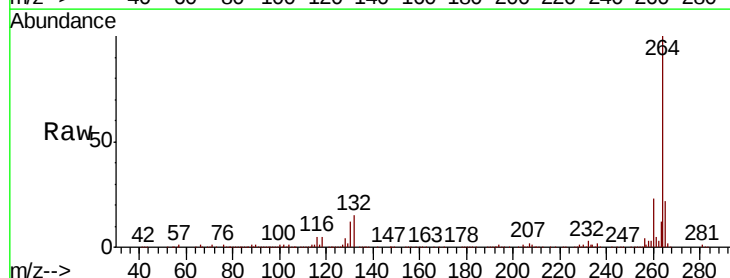
Tgt Ion:264 Resp: 362336

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.7 17.3 25.9



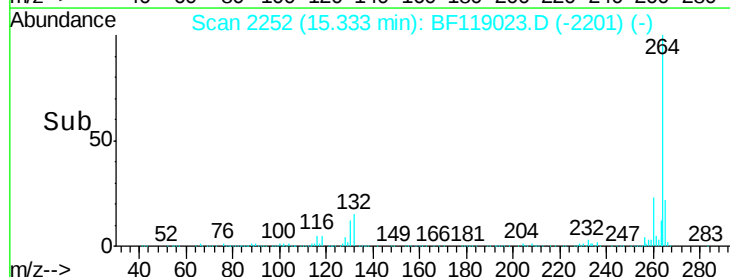
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.33

Time-->



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

15.33

Time-->