

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119028.D
 Acq On : 24 Feb 2020 18:33
 Operator : CG/JU
 Sample : L1650-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 00:25:53 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

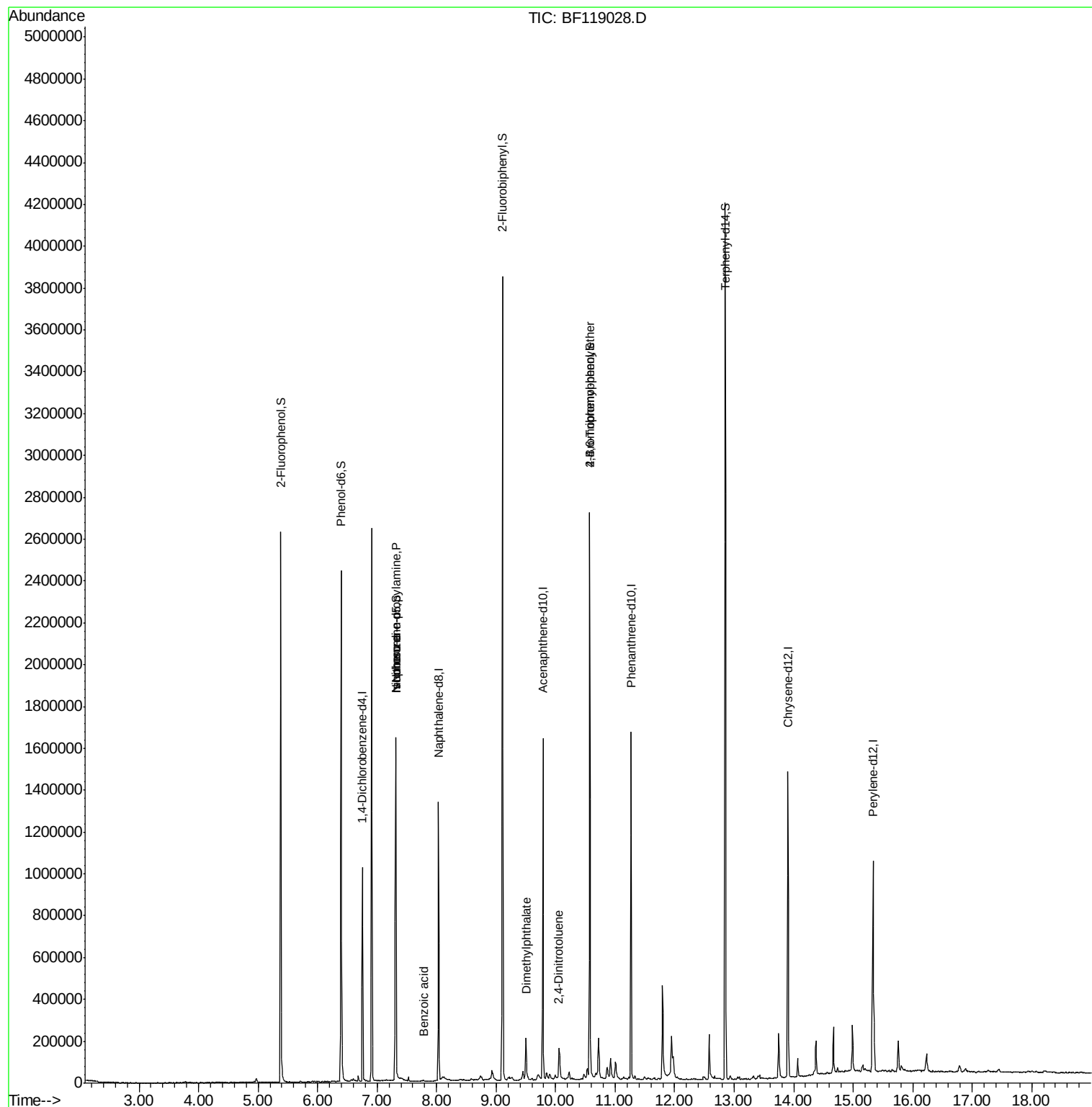
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	155754	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	598835	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	335330	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	602975	20.00	ng	0.00
76) Chrysene-d12	13.90	240	469585	20.00	ng	0.00
87) Perylene-d12	15.33	264	462855	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	768325	82.44	ng	0.00
7) Phenol-d6	6.40	99	923941	81.51	ng	0.00
23) Nitrobenzene-d5	7.32	82	605113	53.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	347093	79.12	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1245339	54.71	ng	-0.01
79) Terphenyl-d14	12.85	244	1493561	54.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	82689	12.519	ng	# 78
25) Isophorone	7.32	82	602703	30.599	ng	# 63
32) Benzoic acid	7.78	122	252	6.717	ng	# 76
50) Dimethylphthalate	9.50	163	68020	2.653	ng	# 80
57) 2,4-Dinitrotoluene	10.06	165	24112	3.265	ng	# 40
67) 4-Bromophenyl-phenylether	10.57	248	23134	2.935	ng	# 1

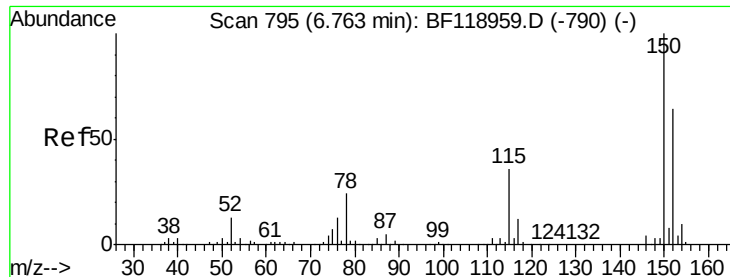
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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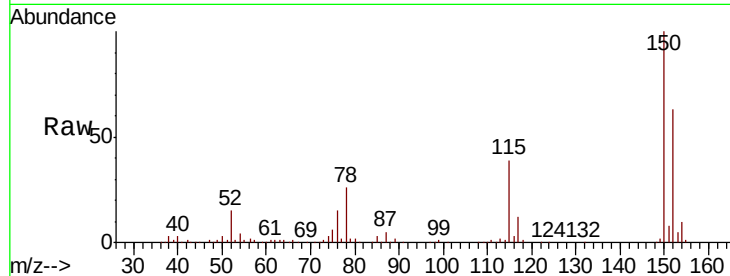


#1

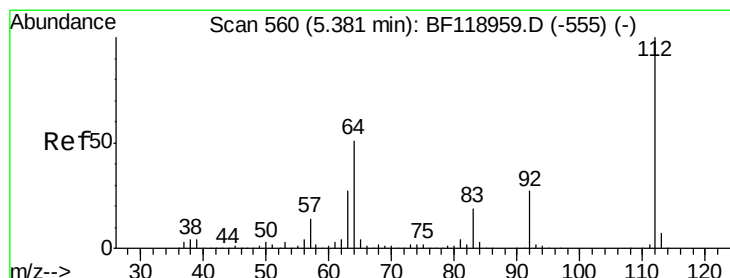
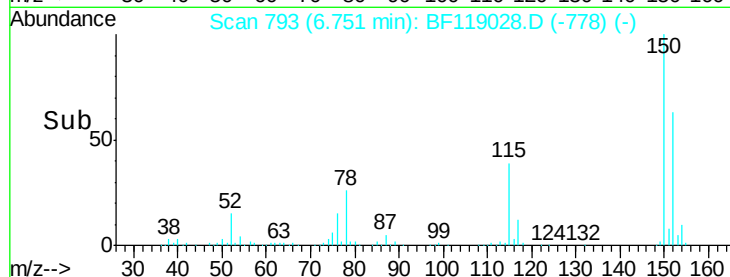
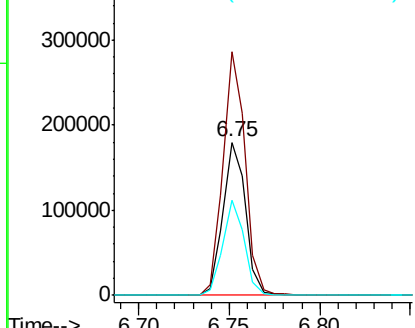
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	61.8	44.6	67.0



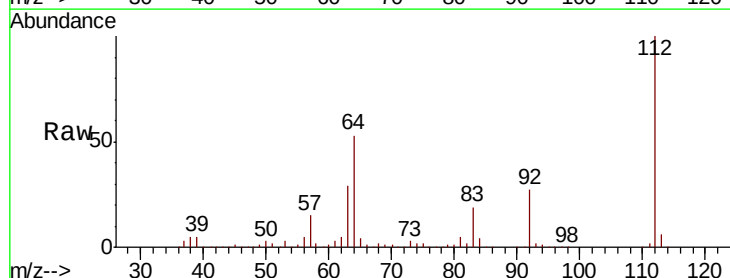
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



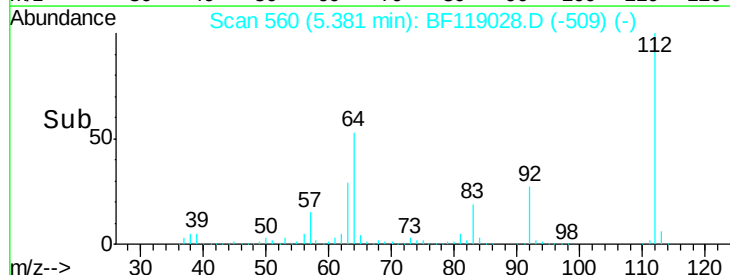
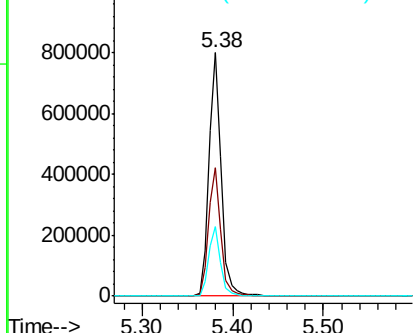
#5

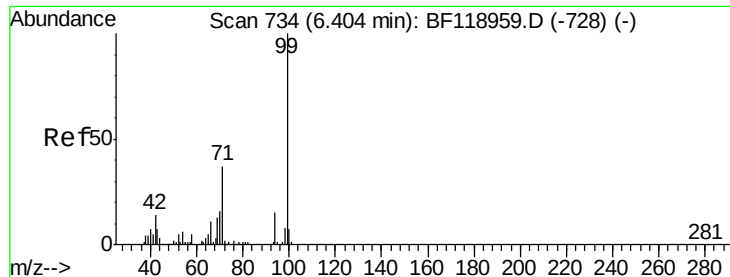
2-Fluorophenol
Concen: 82.438 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	40.4	60.6
63	28.6	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: 81.513 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

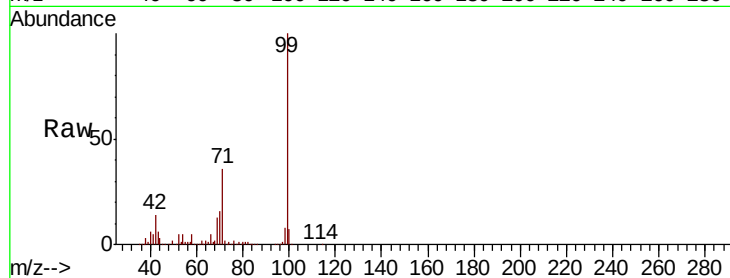
Tot Ion: 99 Resp: 923941

Ion Ratio Lower Upper

99 100

42 13.9 11.4 17.0

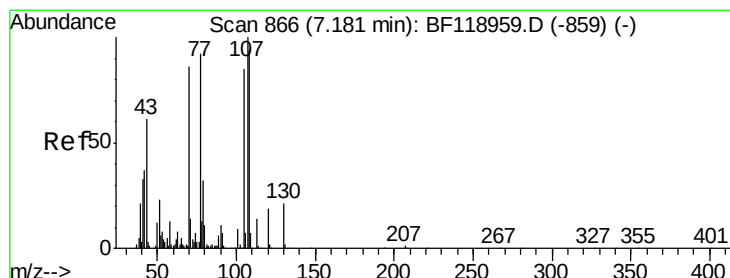
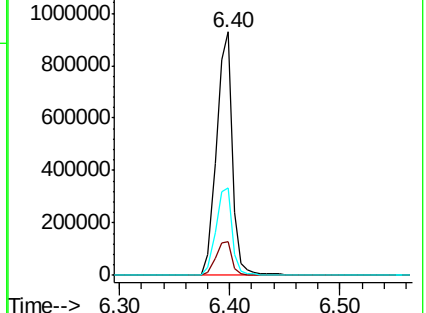
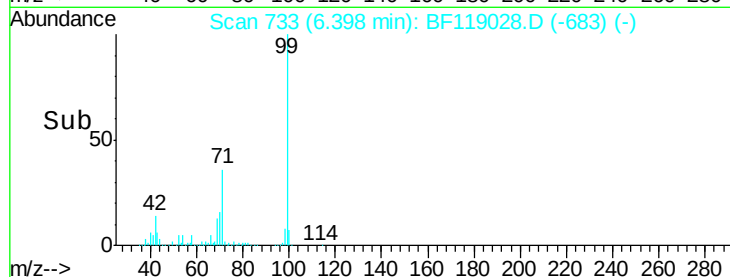
71 35.8 29.8 44.6



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: 12.519 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Tgt Ion: 70 Resp: 82689

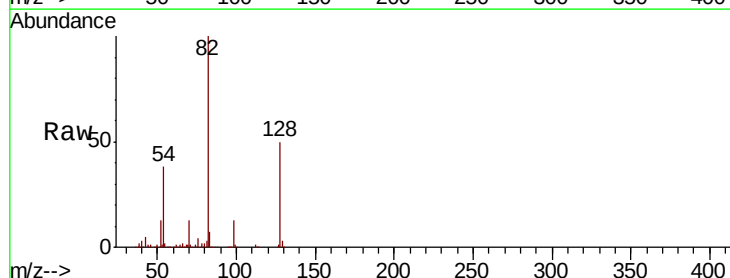
Ion Ratio Lower Upper

70 100

42 37.4 34.6 51.8

101 0.0 8.1 12.1#

130 2.3 19.4 29.2#

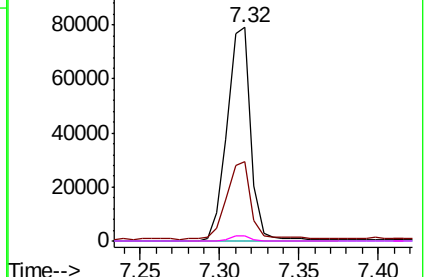
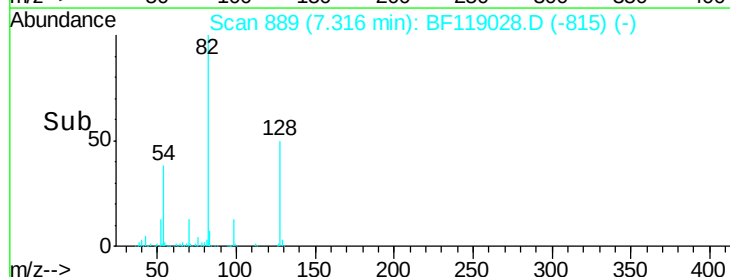


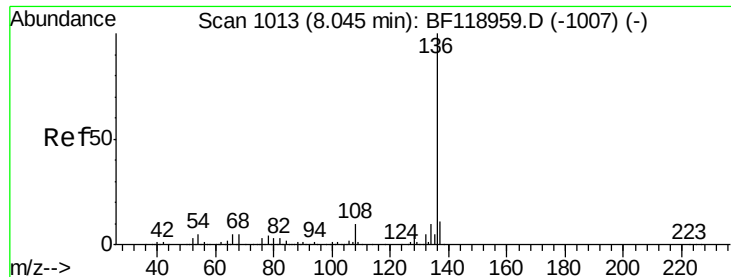
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

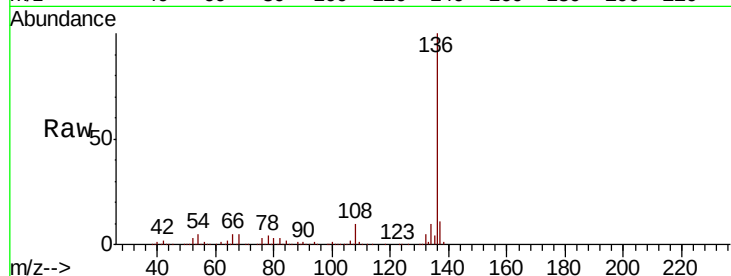




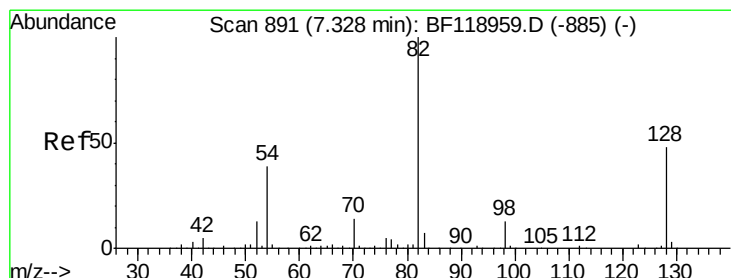
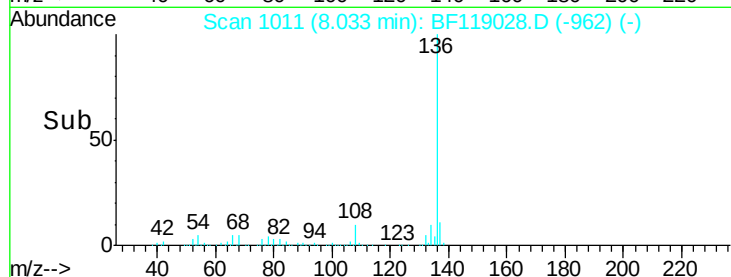
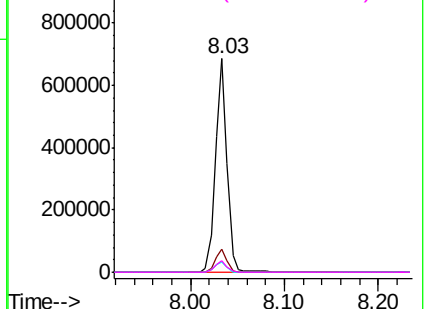
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	598835
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	5.0	3.8 5.6
68	5.2	4.2 6.2

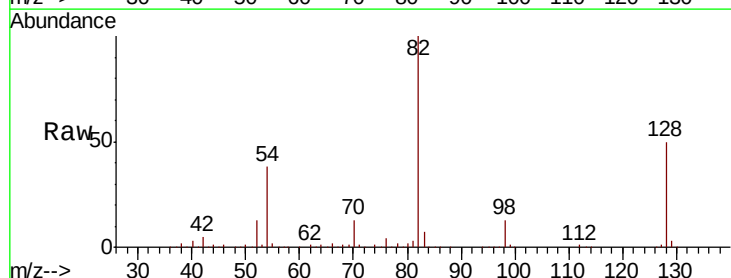


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

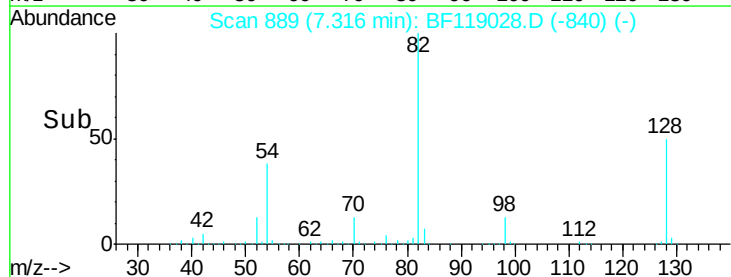
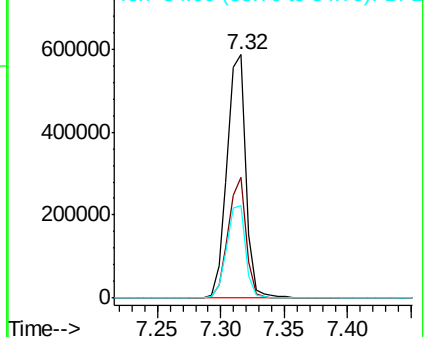


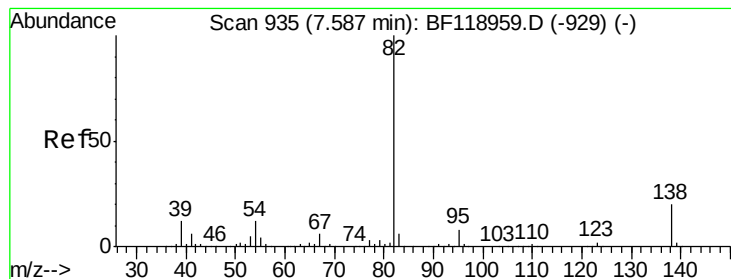
#23
Nitrobenzene-d5
Concen: 53.354 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Tgt Ion: 82	Resp:	605113
Ion	Ratio	Lower Upper
82	100	
128	49.7	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: 30.599 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.27 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampled :

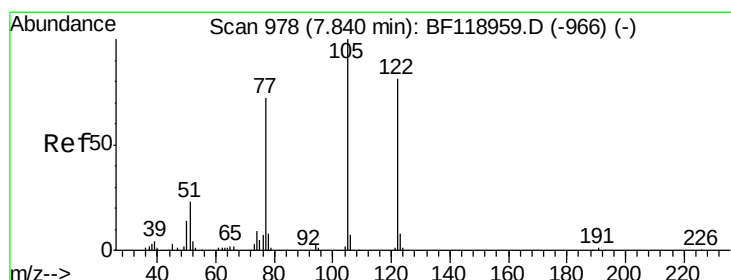
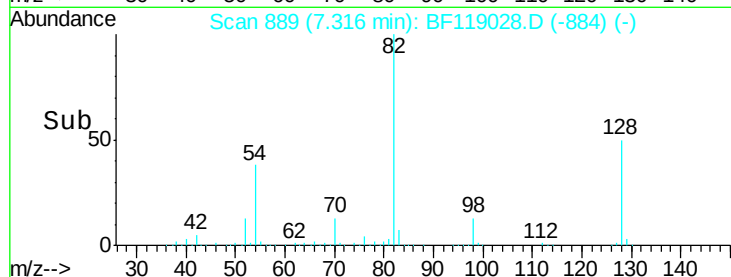
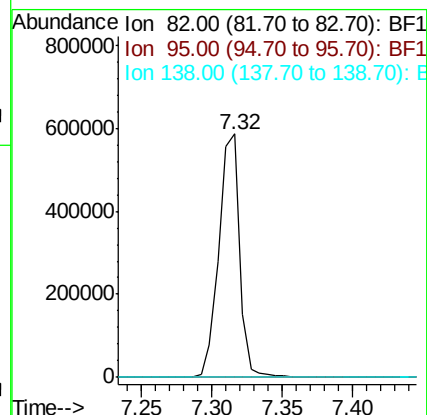
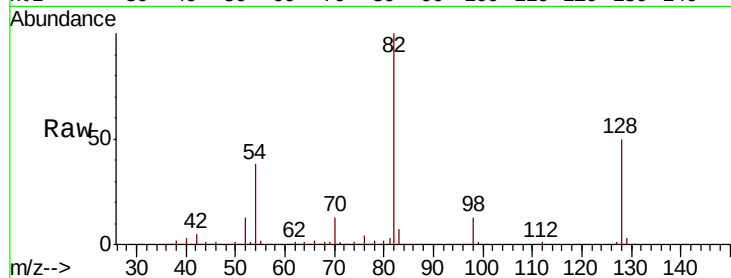
Tot Ion: 82 Resp: 602703

Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 15.8 23.6#



#32

Benzoic acid

Concen: 6.717 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.06 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

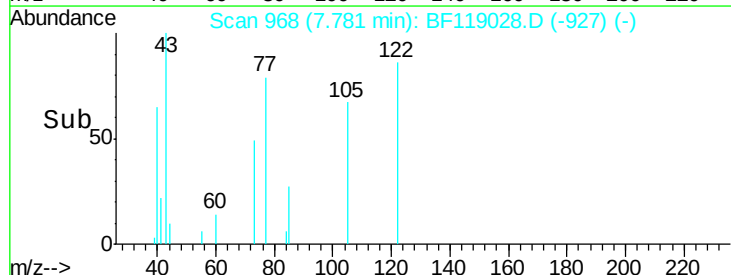
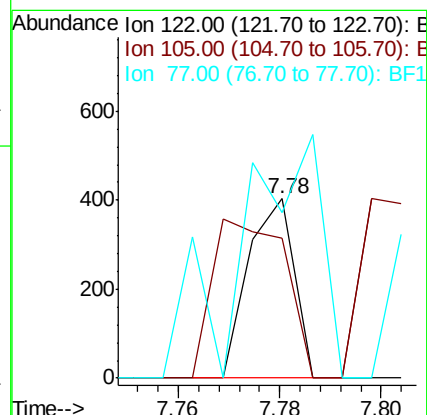
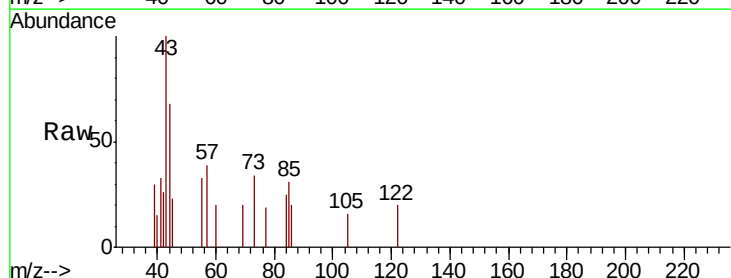
Tgt Ion: 122 Resp: 252

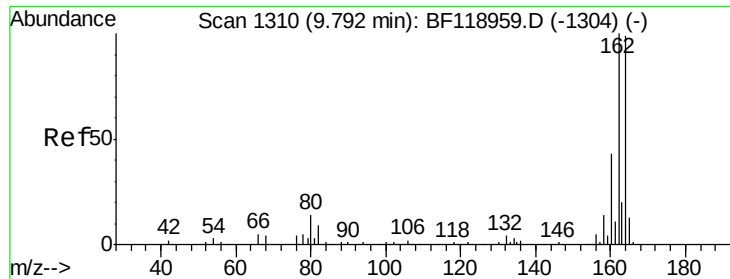
Ion Ratio Lower Upper

122 100

105 78.2 102.2 142.2#

77 92.3 68.6 108.6

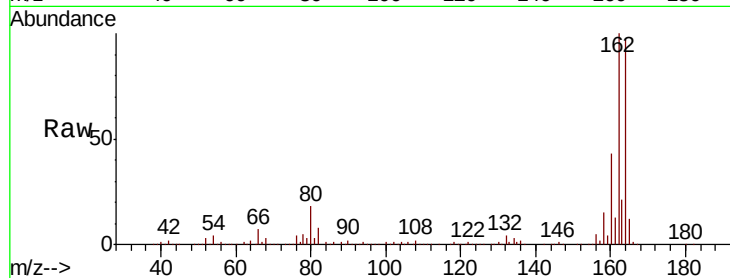




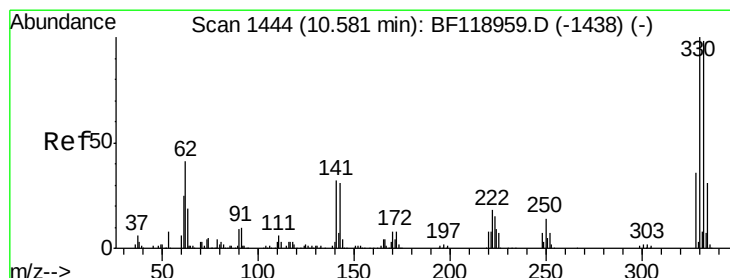
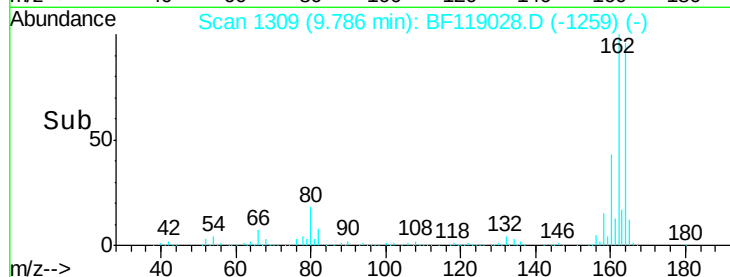
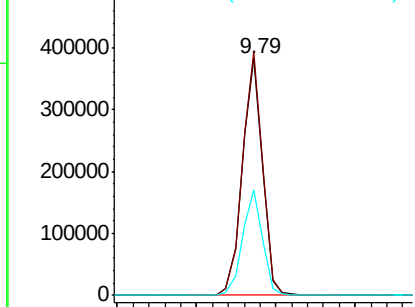
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	44.4	35.2	52.8

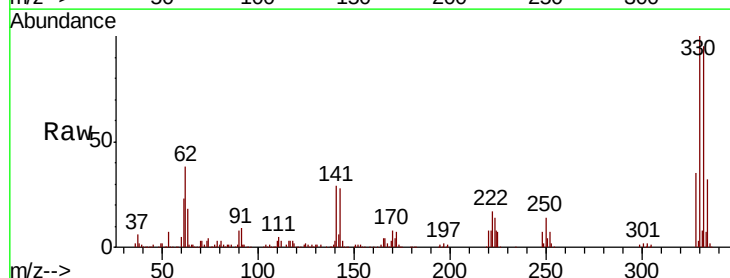


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

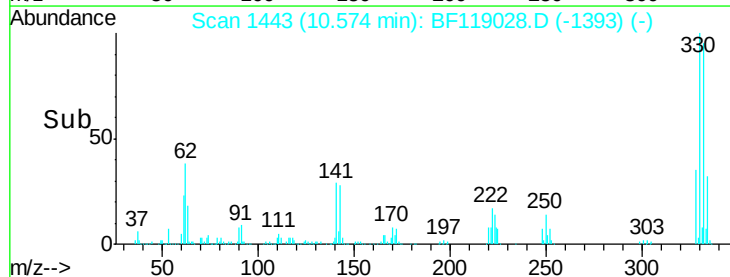
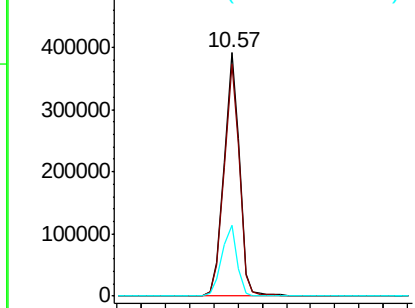


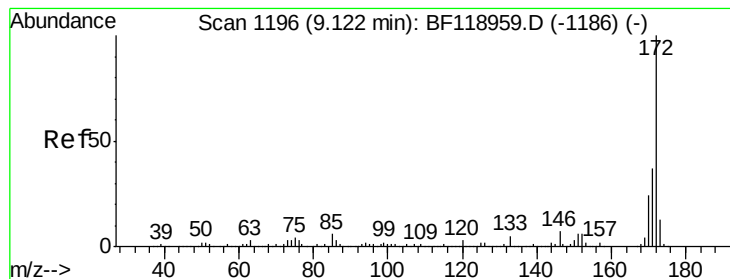
#42
2,4,6-Tribromophenol
Concen: 79.124 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119028.D
Acq: 24 Feb 2020 18:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	29.0	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: 54.710 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

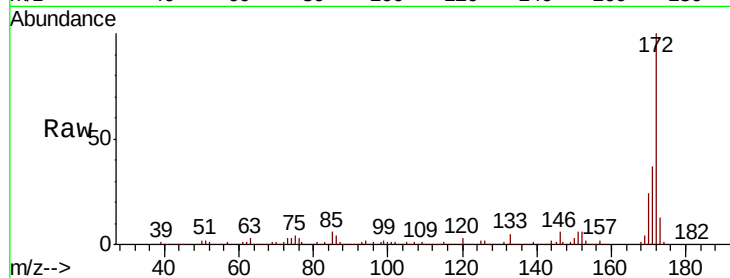
Tot Ion:172 Resp: 1245339

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.2

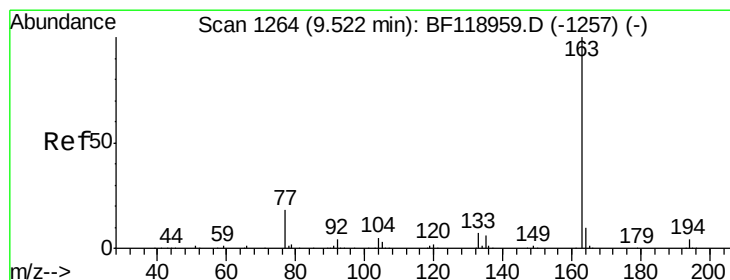
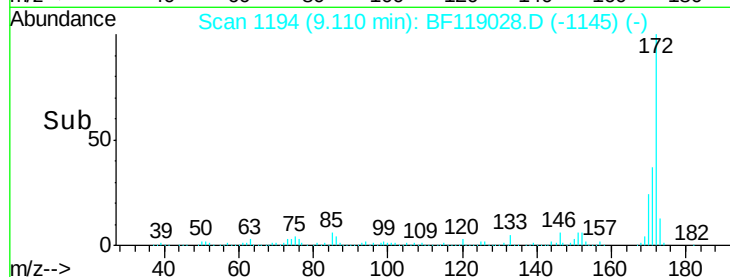
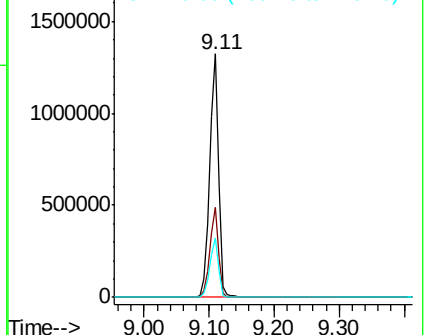
170 24.1 19.6 29.4



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: 2.653 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

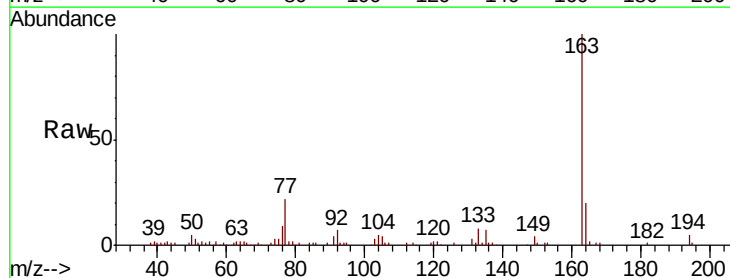
Tgt Ion:163 Resp: 68020

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

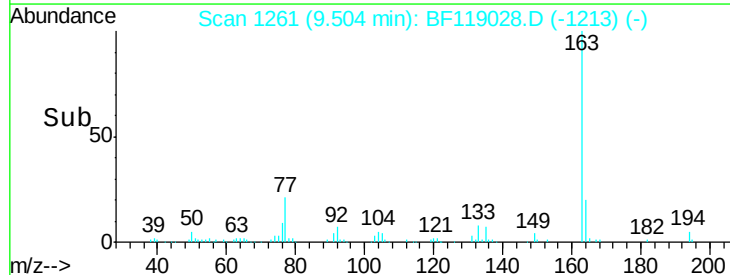
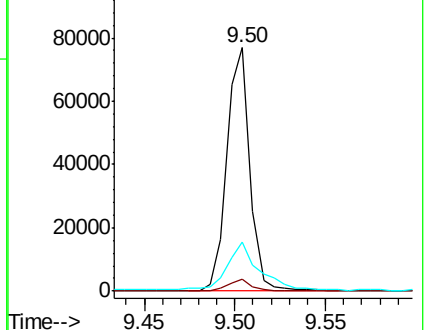
164 20.4 8.2 12.2#

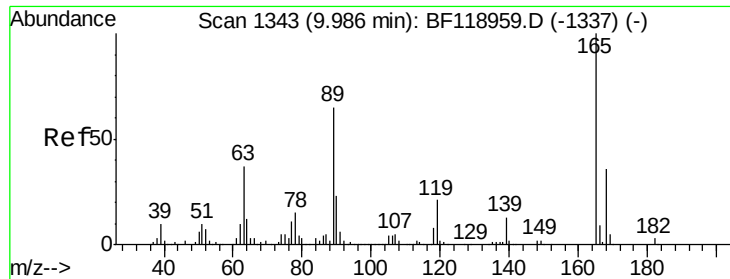


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

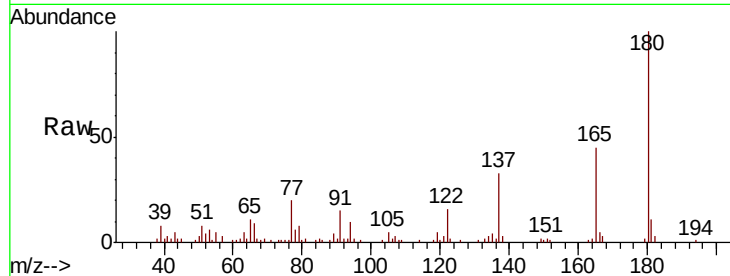




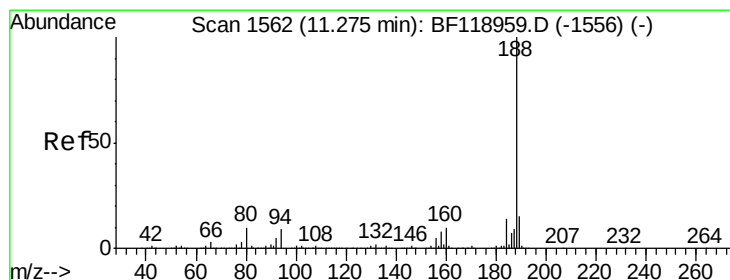
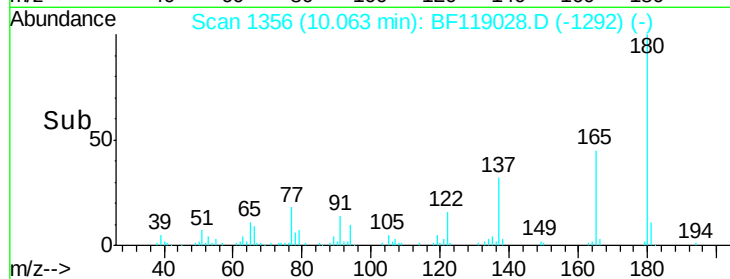
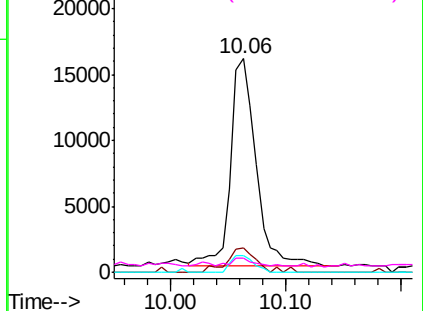
#57
 2,4-Dinitrotoluene
 Concen: 3.265 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.08 min
 Lab File: BF119028.D
 Acq: 24 Feb 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	11.3	29.8	44.8#
89	7.8	51.9	77.9#
182	6.3	2.3	3.5#

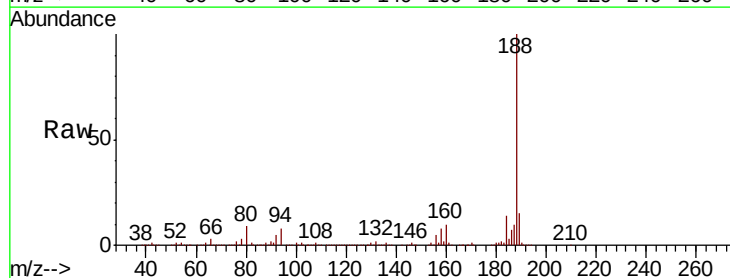


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

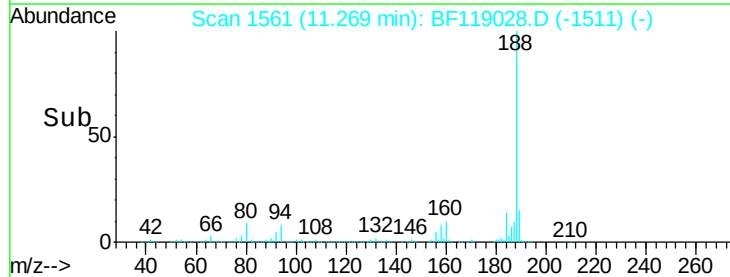
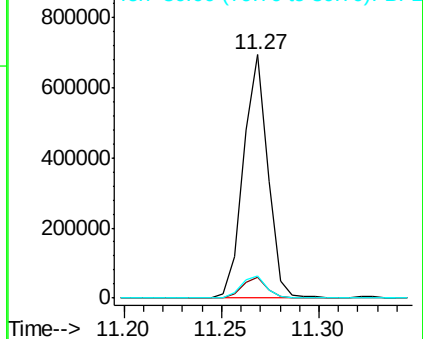


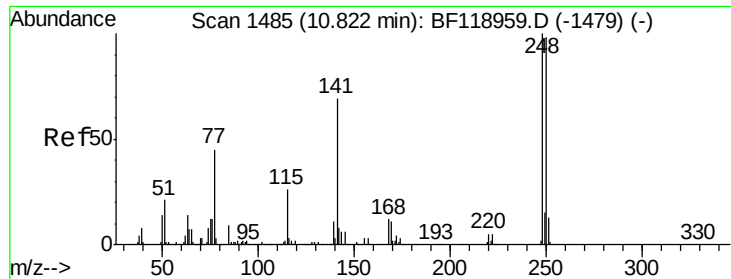
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF119028.D
 Acq: 24 Feb 2020 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	9.1	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

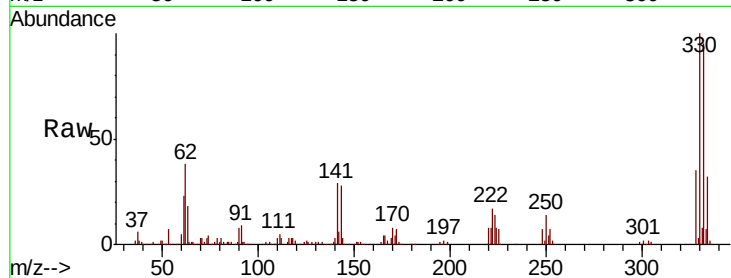




#67
 4-Bromophenyl-phenylether
 Concen: 2.935 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.25 min
 Lab File: BF119028.D
 Acq: 24 Feb 2020 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.2	78.8	118.2#
141	419.2	55.3	82.9#

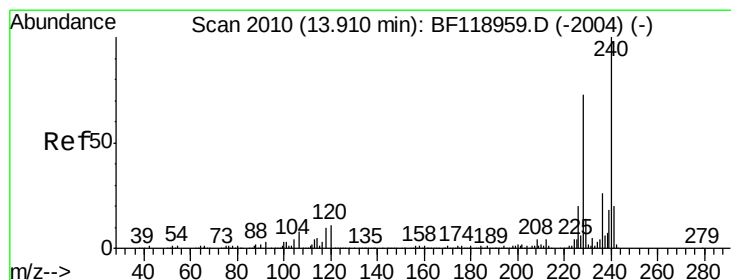
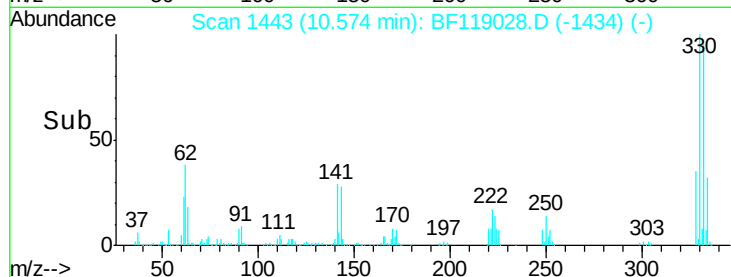
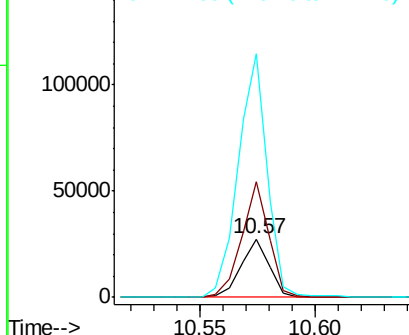


Abundance

Ion 248.00 (247.70 to 248.70): E

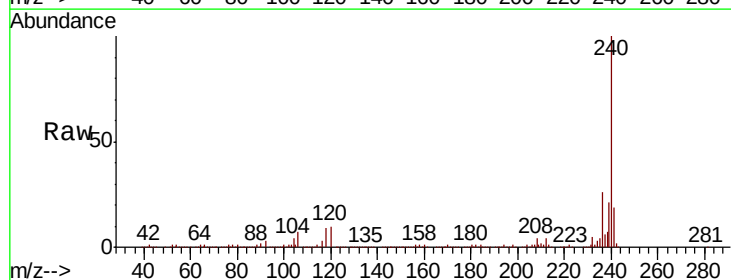
Ion 250.00 (249.70 to 250.70): E

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: BF119028.D
 Acq: 24 Feb 2020 18:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	26.2	20.6	30.8

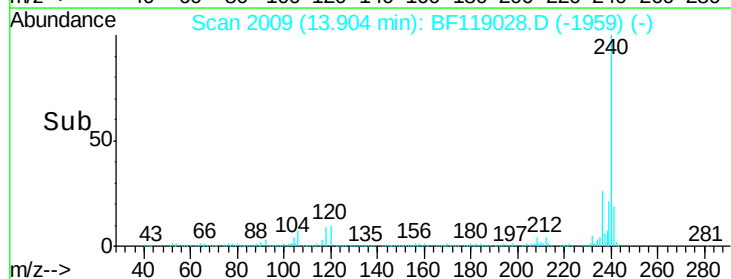
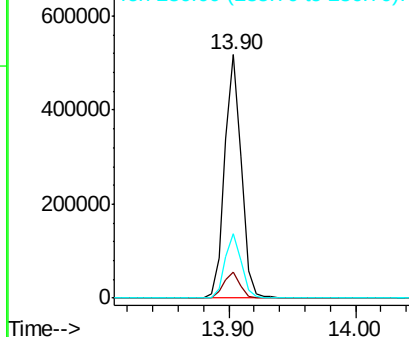


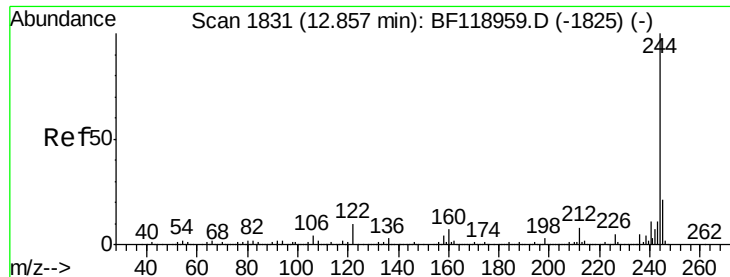
Abundance

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: 54.760 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

Instrument :

BNA_F

ClientSampleId :

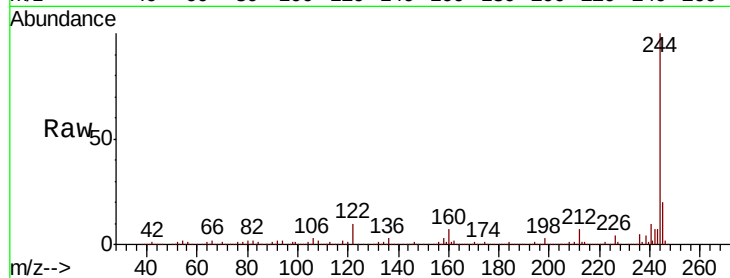
Tot Ion:244 Resp: 1493561

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

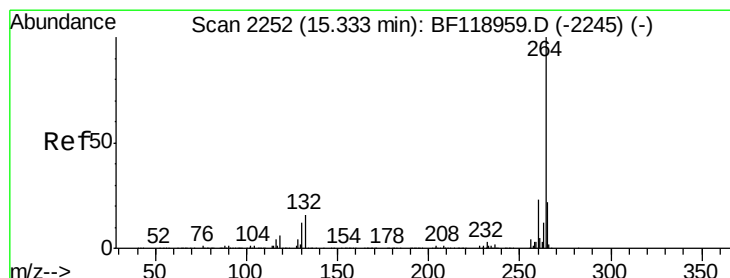
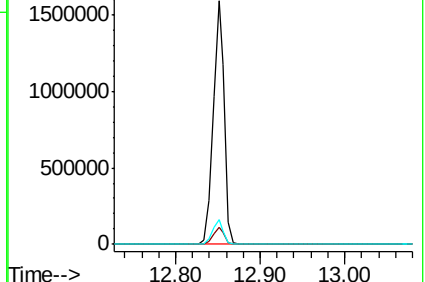
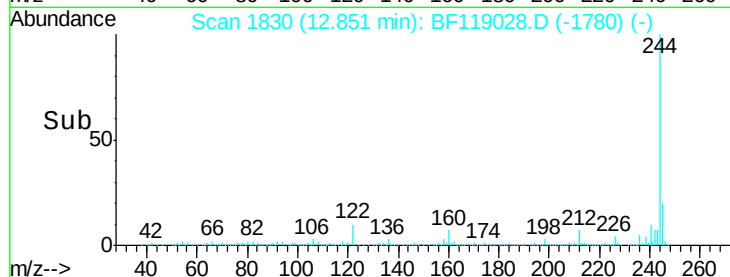
122 10.3 8.4 12.6



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# 2252

Delta R.T. -0.00 min

Lab File: BF119028.D

Acq: 24 Feb 2020 18:33

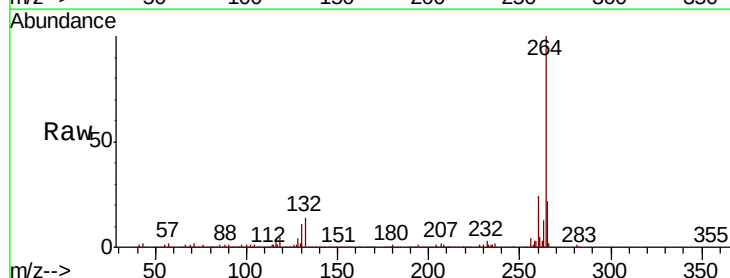
Tgt Ion:264 Resp: 462855

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 21.9 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

