

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118926.D
 Acq On : 13 Feb 2020 18:25
 Operator : CG/JU
 Sample : L1493-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:37:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

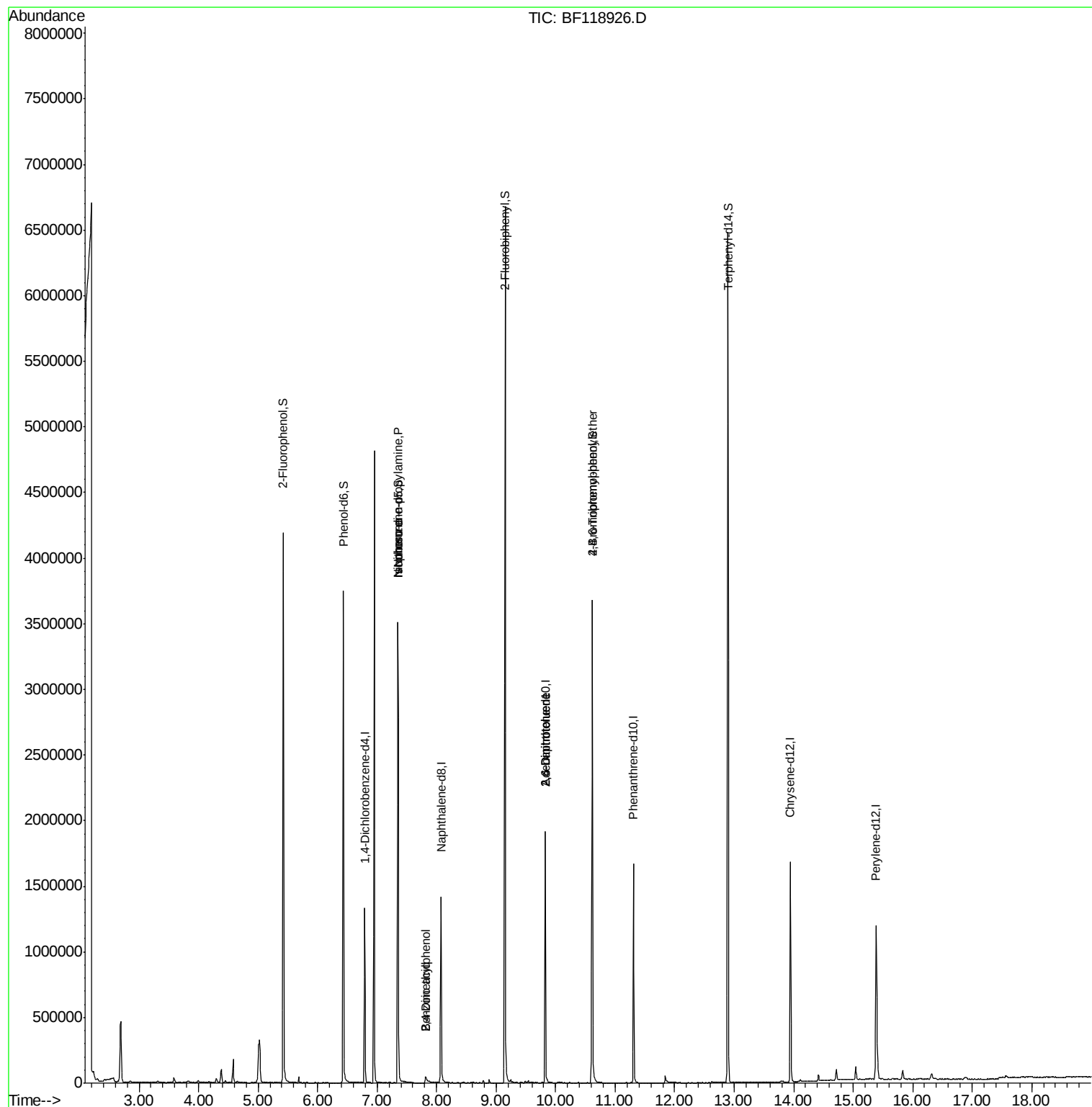
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	189047	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	723327	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	435248	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	627031	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	617619	20.00	ng	-0.04
87) Perylene-d12	15.39	264	615092	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1337958	133.97	ng	-0.01
7) Phenol-d6	6.43	99	1349310	108.84	ng	-0.02
23) Nitrobenzene-d5	7.35	82	1226553	101.07	ng	-0.03
42) 2,4,6-Tribromophenol	10.62	330	535567	102.84	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2414421	99.17	ng	-0.03
79) Terphenyl-d14	12.90	244	2483576	82.60	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.40	77	115	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.35	70	167651	22.102 ng	#	76
25) Isophorone	7.35	82	1226542	56.238 ng	#	63
27) 2,4-Dimethylphenol	7.82	122	23614	2.691 ng	#	3
32) Benzoic acid	7.82	122	23614	3.250 ng		91
51) 2,6-Dinitrotoluene	9.83	165	55709	8.215 ng	#	31
57) 2,4-Dinitrotoluene	9.83	165	55709	6.208 ng	#	34
67) 4-Bromophenyl-phenylether	10.62	248	35059	4.727 ng	#	1

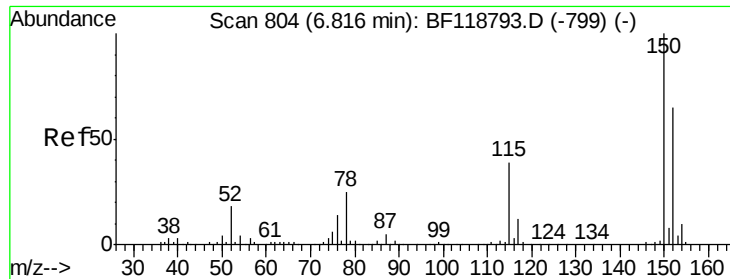
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
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BNA_F
ClientSampleId :

Quant Time: Feb 14 00:37:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



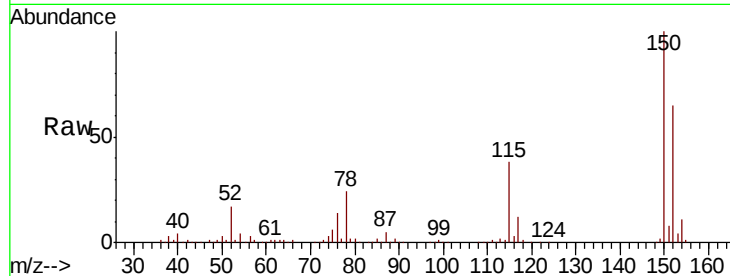


#1

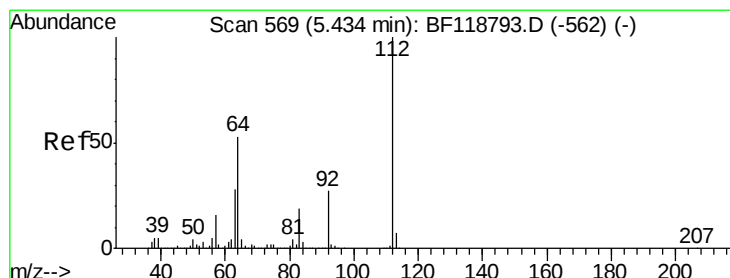
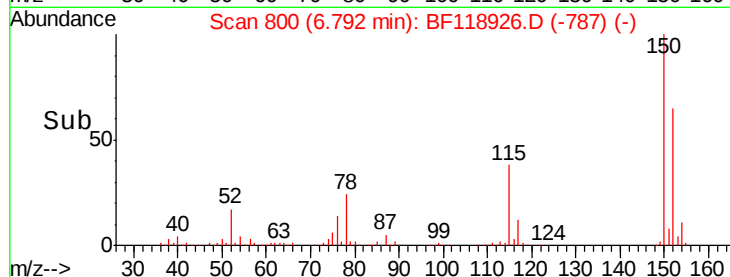
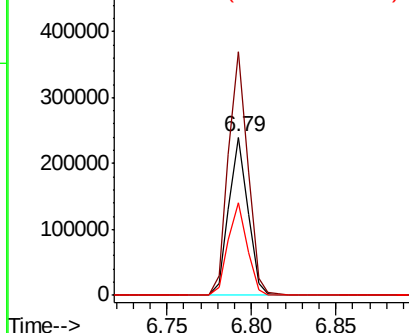
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 189047
Ion Ratio Lower Upper
152 100
150 153.8 123.6 185.4
115 58.5 48.2 72.2



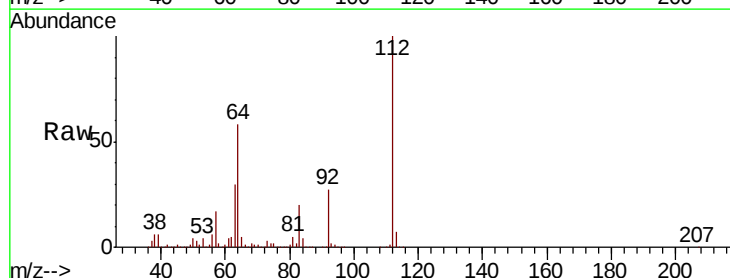
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



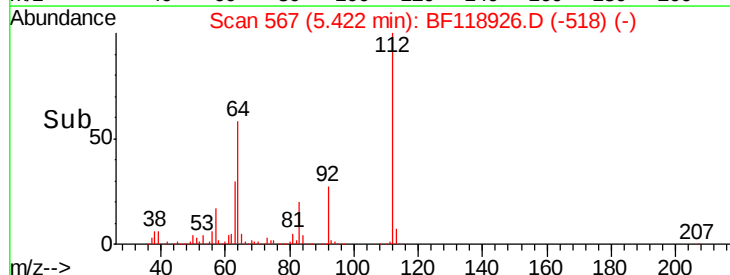
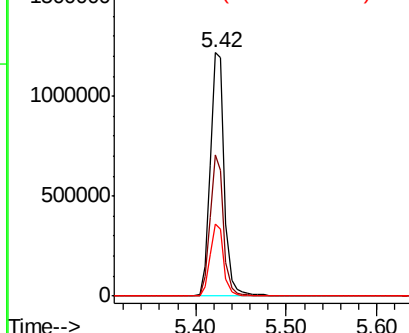
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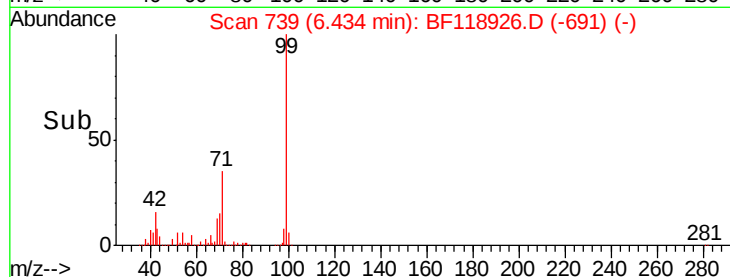
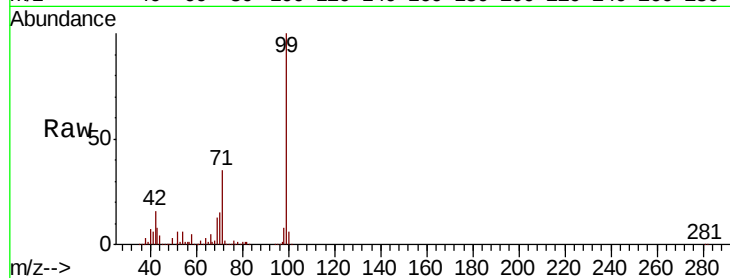
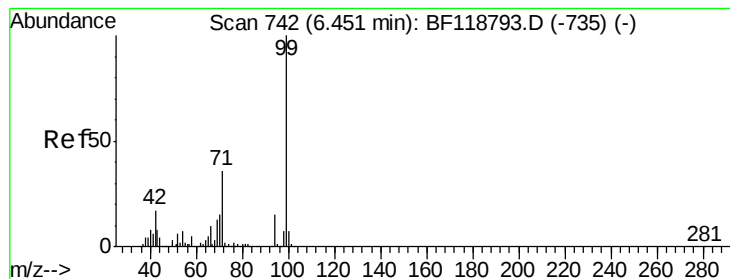
2-Fluorophenol
Concen: 133.970 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion:112 Resp: 1337958
Ion Ratio Lower Upper
112 100
64 57.9 42.6 63.8
63 29.5 22.2 33.4



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: 108.838 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

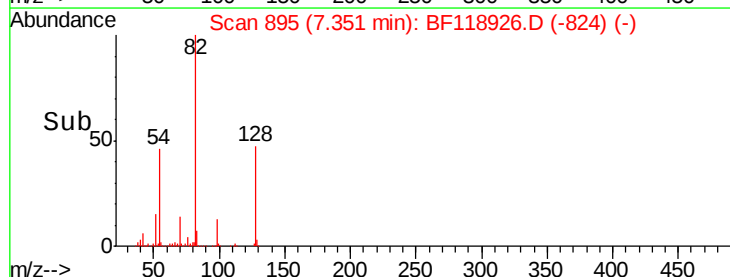
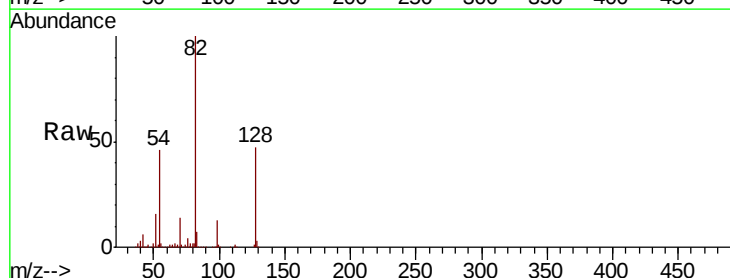
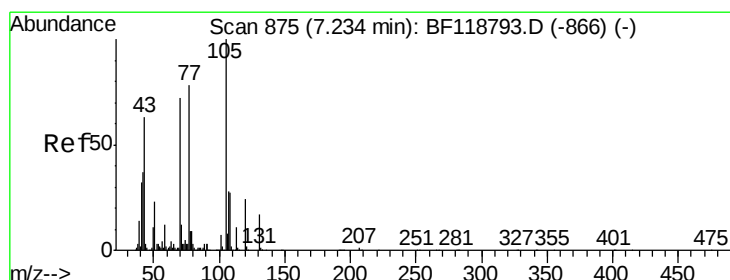
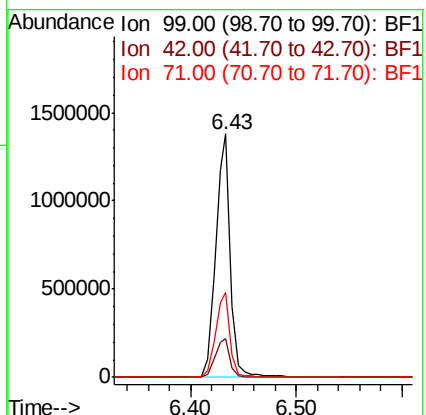
Tot Ion: 99 Resp: 1349310

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.0

71 35.1 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 22.102 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.12 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Tgt Ion: 70 Resp: 167651

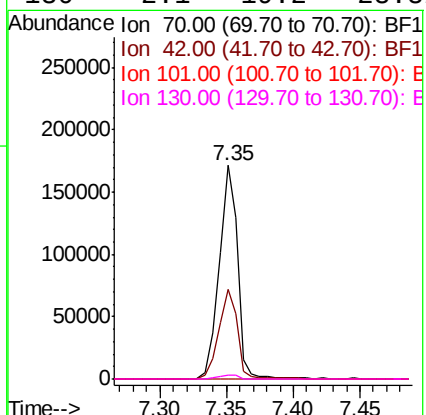
Ion Ratio Lower Upper

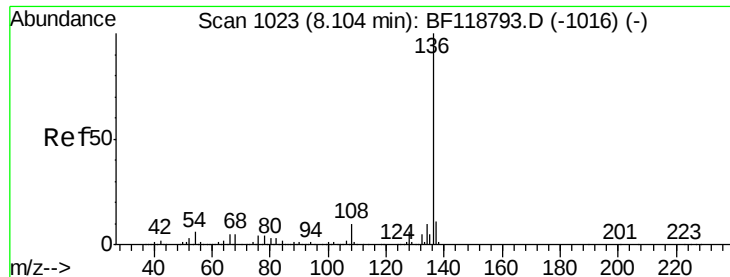
70 100

42 42.0 41.5 62.3

101 0.0 8.3 12.5#

130 2.1 19.2 28.8#

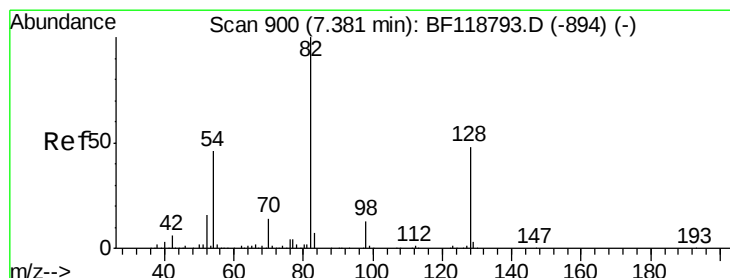
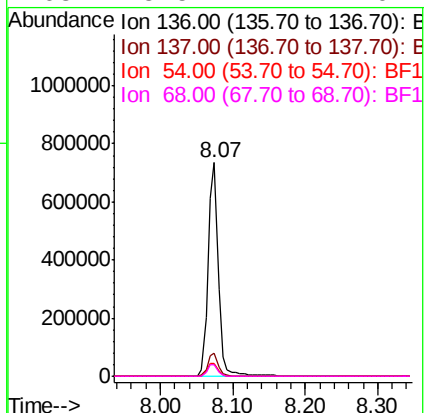
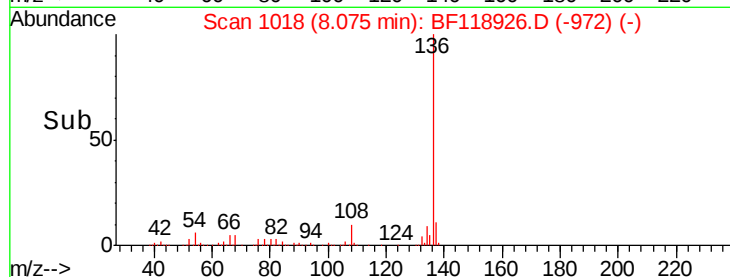
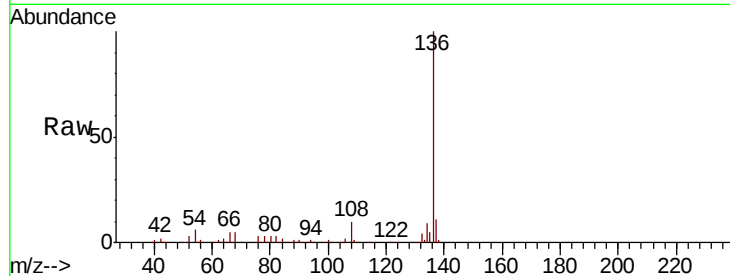




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

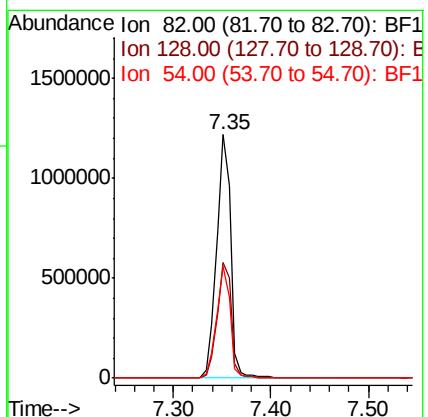
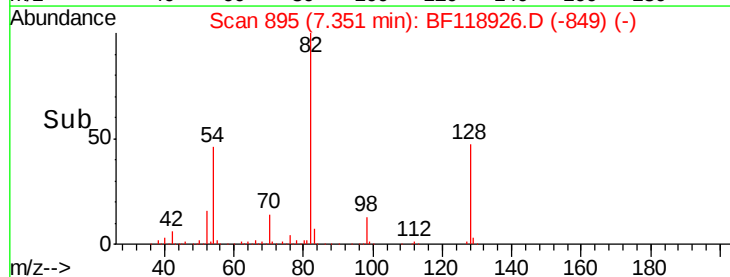
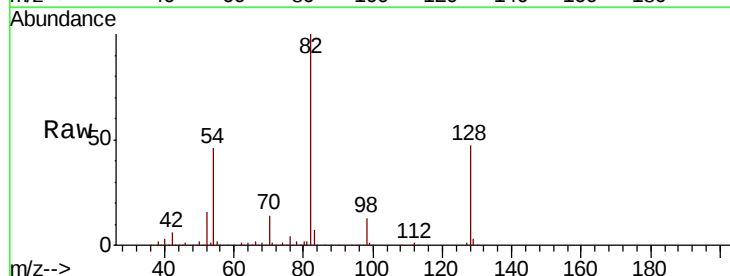
Instrument :
BNA_F
ClientSampleId :

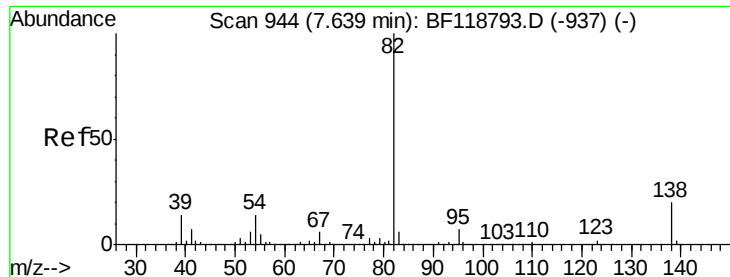
Tot Ion:136	Resp:	723327
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.0	5.0	7.6
68 5.5	4.2	6.4



#23
Nitrobenzene-d5
Concen: 101.073 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion: 82	Resp: 1226553
Ion Ratio	Lower Upper
82 100	
128 47.5	38.5 57.7
54 45.8	36.7 55.1





#25

Isophorone

Concen: 56.238 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.29 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

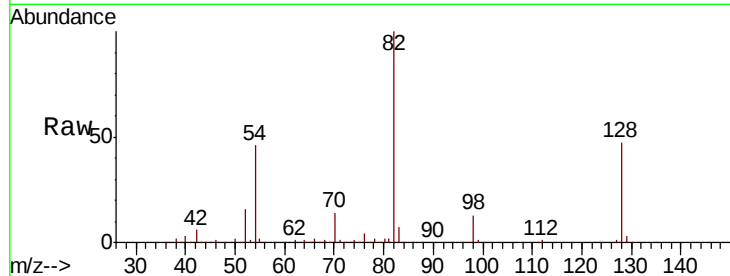
Tot Ion: 82 Resp: 1226542

Ion Ratio Lower Upper

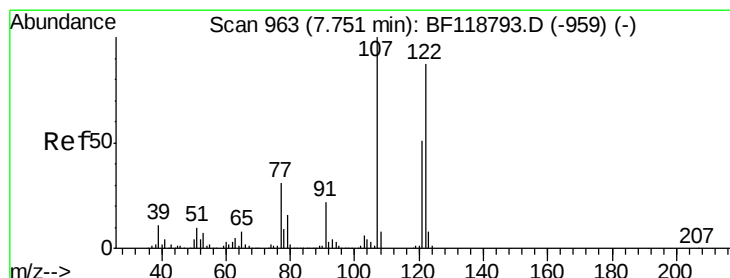
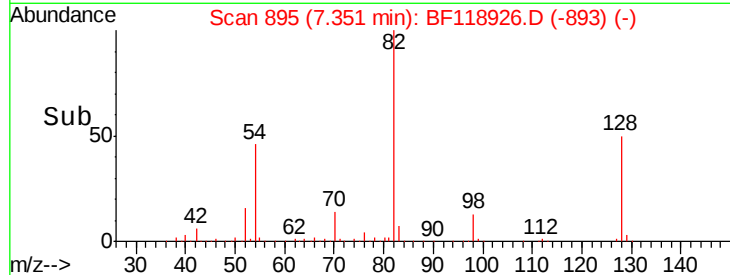
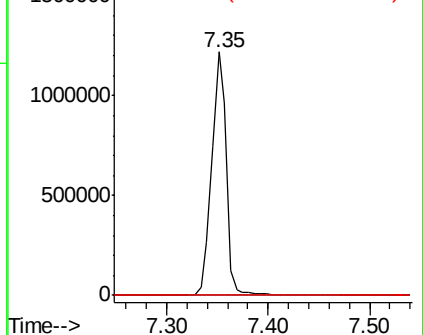
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



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): E



#27

2,4-Dimethylphenol

Concen: 2.691 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

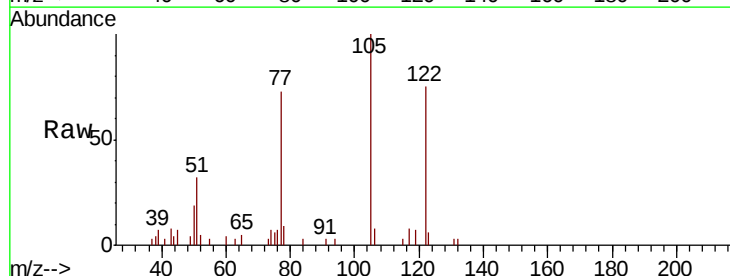
Tgt Ion:122 Resp: 23614

Ion Ratio Lower Upper

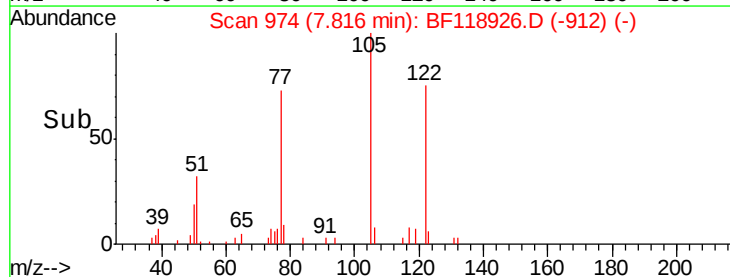
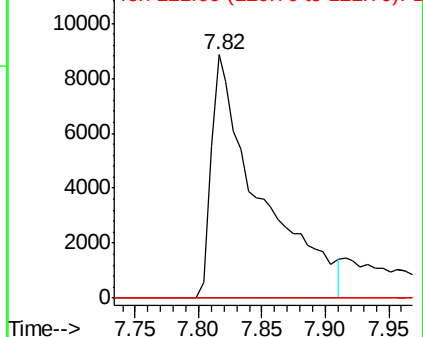
122 100

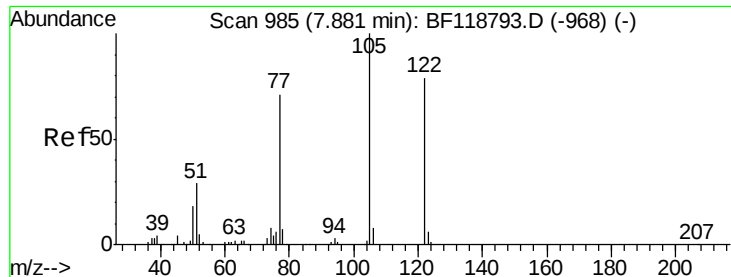
107 0.0 92.2 138.2#

121 0.0 46.8 70.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

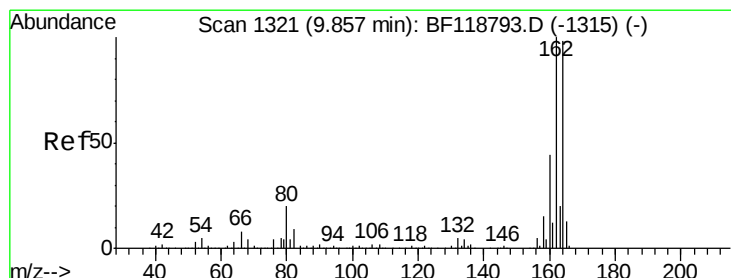
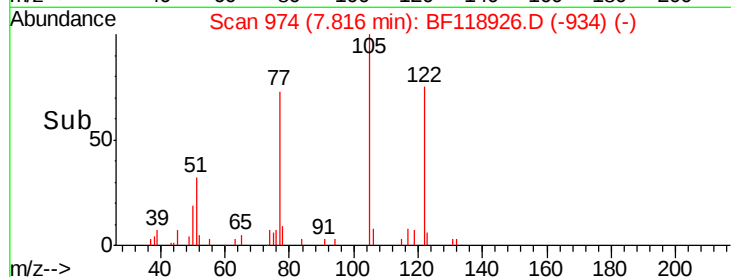
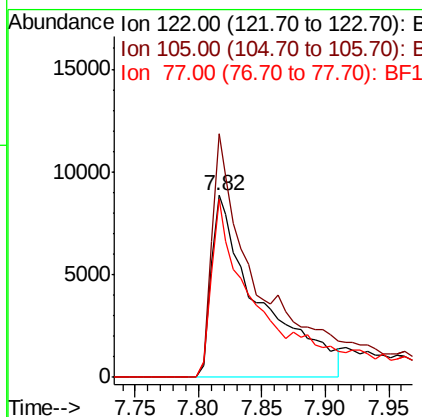
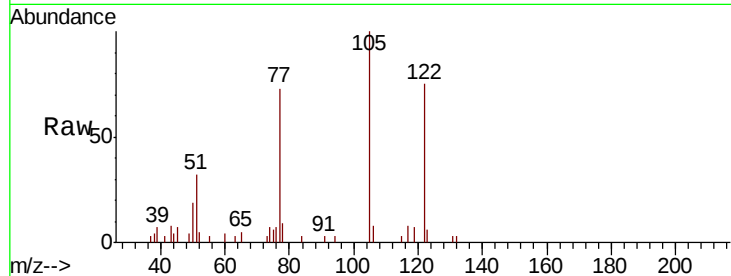




#32
Benzoic acid
Concen: 3.250 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.06 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

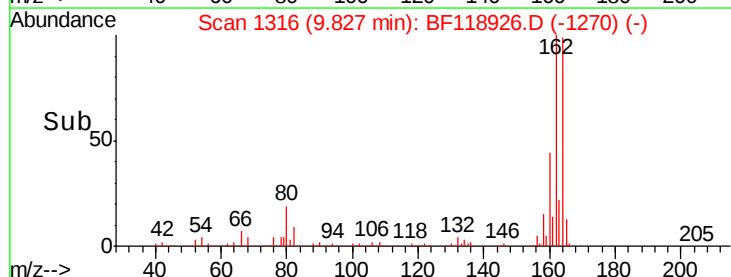
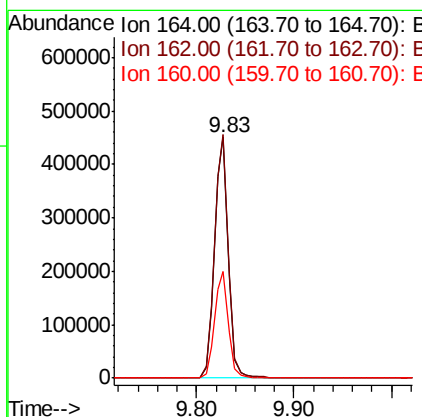
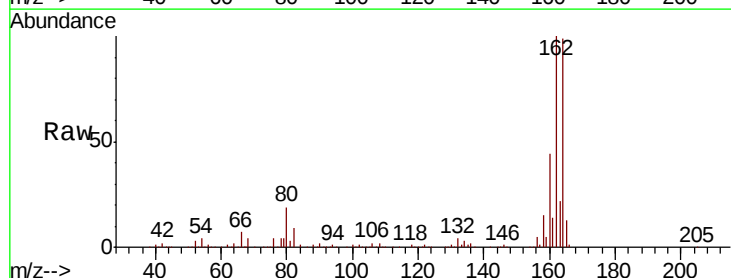
Instrument :
BNA_F
ClientSampleId :

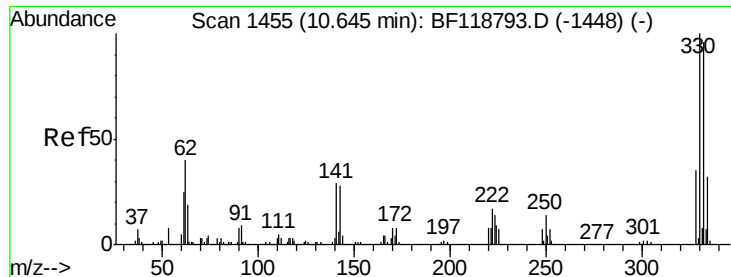
Tot Ion:122 Resp: 23614
Ion Ratio Lower Upper
122 100
105 133.7 104.4 144.4
77 98.1 69.3 109.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion:164 Resp: 435248
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.2
160 44.2 35.6 53.4

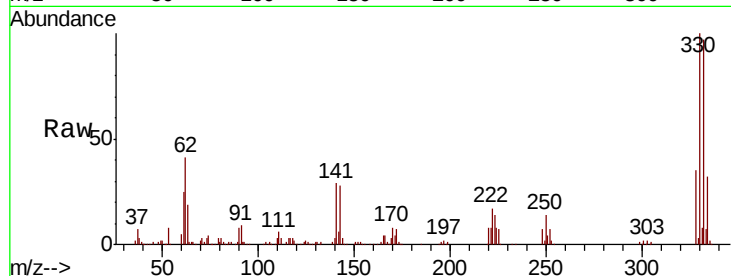




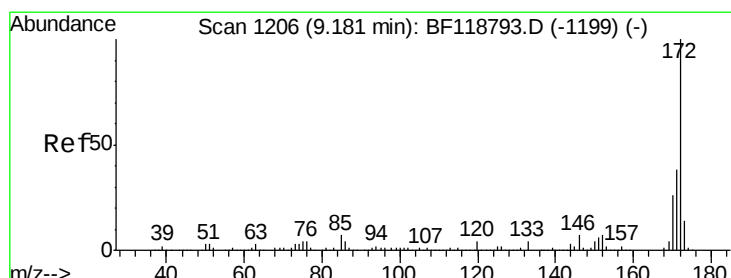
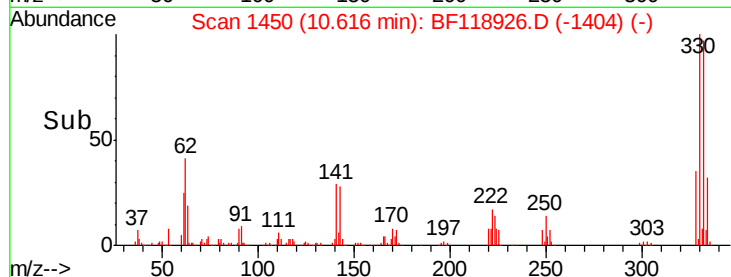
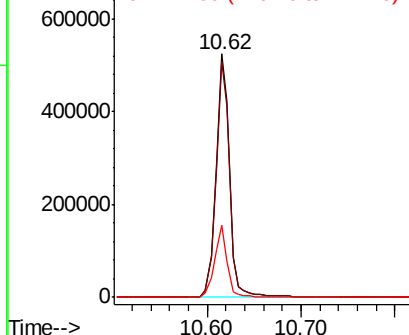
#42
 2,4,6-Tribromophenol
 Concen: 102.838 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	27.6	22.4	33.6

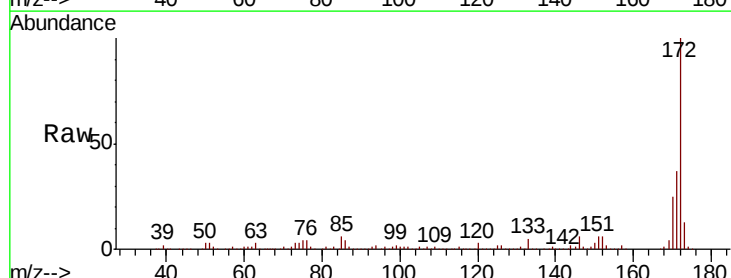


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

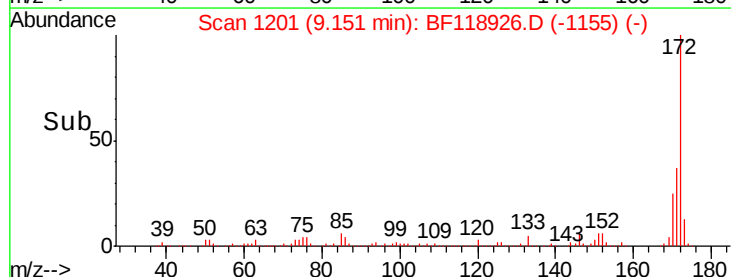
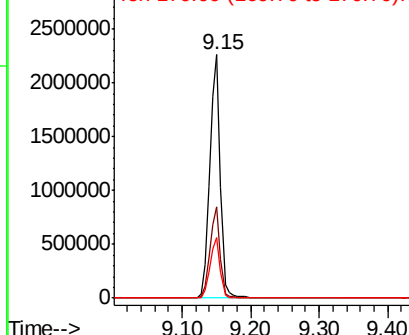


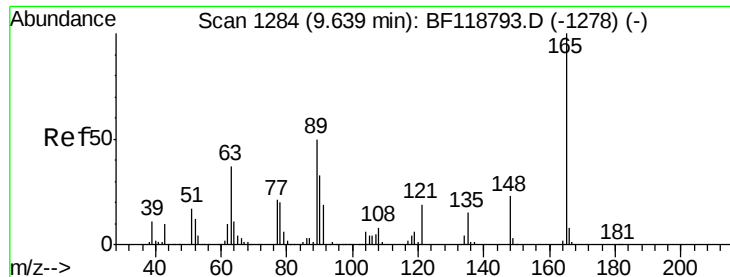
#45
 2-Fluorobiphenyl
 Concen: 99.168 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.8	20.5	30.7



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

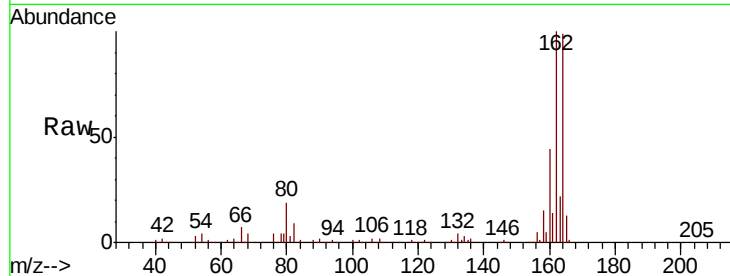




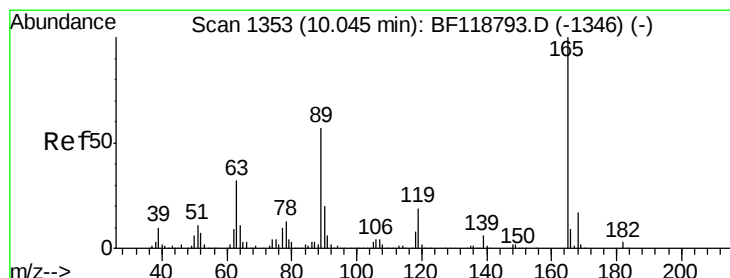
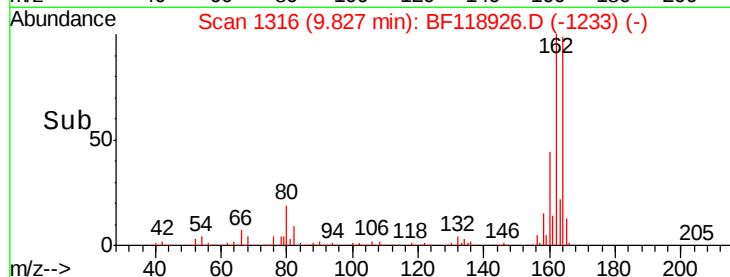
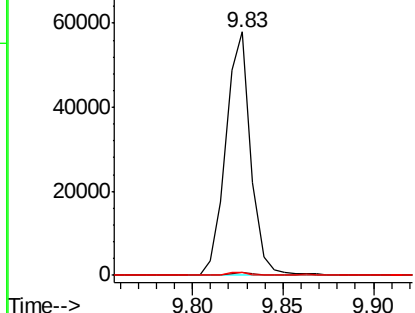
#51
 2,6-Dinitrotoluene
 Concen: 8.215 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.4	56.0#
89	1.4	39.7	59.5#



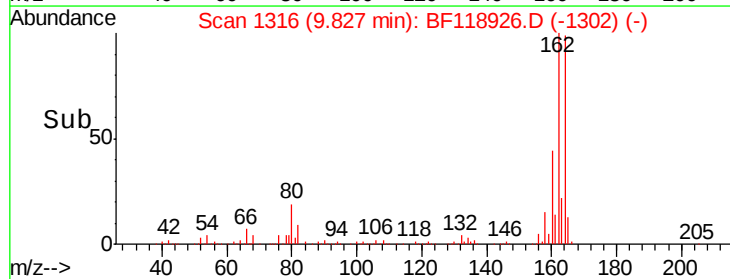
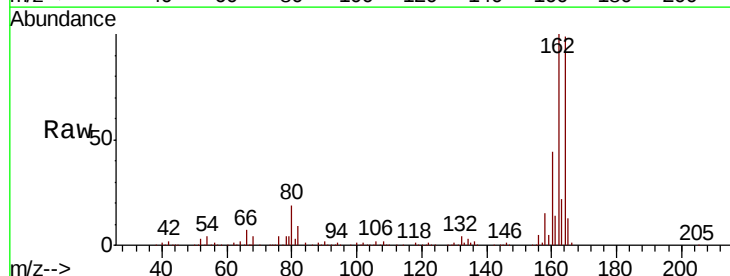
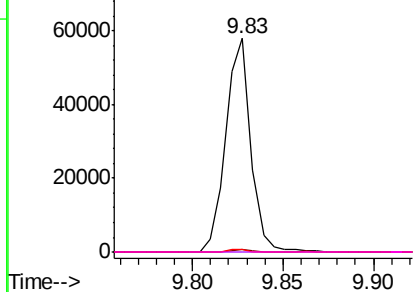
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

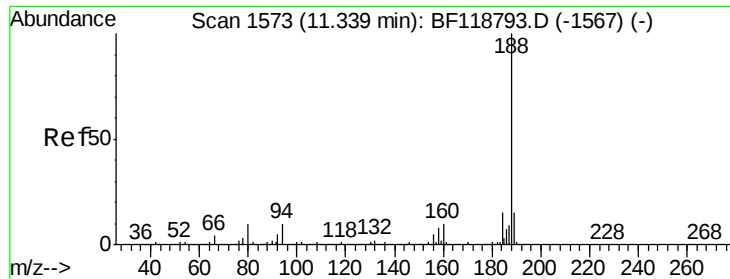


#57
 2,4-Dinitrotoluene
 Concen: 6.208 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.22 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.5	38.3#
89	1.4	45.4	68.0#
182	0.0	2.4	3.6#

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: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

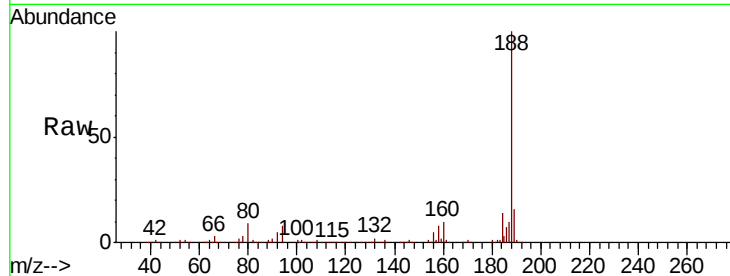
Tot Ion:188 Resp: 627031

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

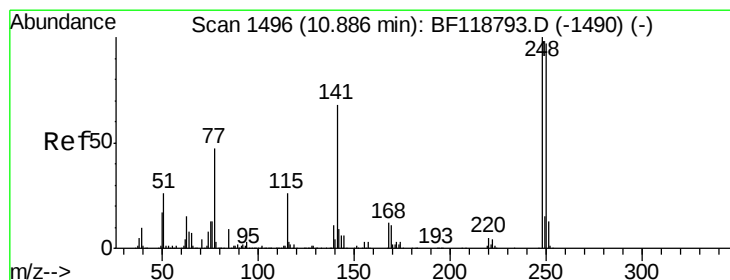
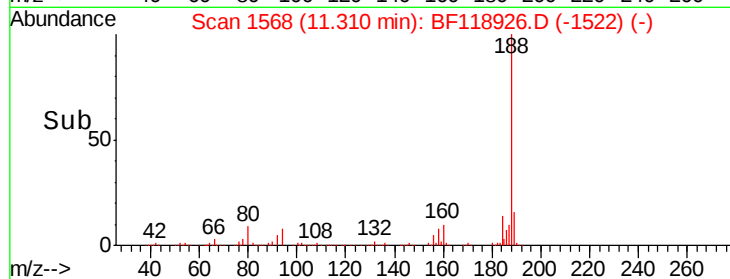
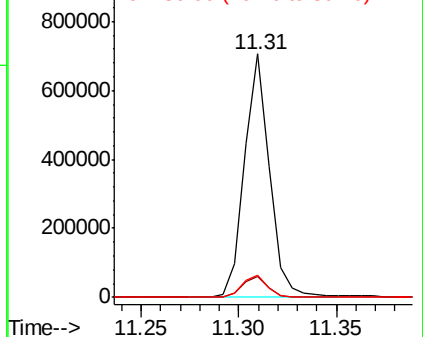
80 9.2 8.4 12.6



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: 4.727 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.27 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

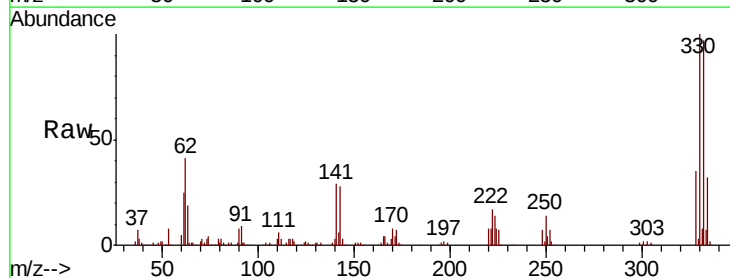
Tgt Ion:248 Resp: 35059

Ion Ratio Lower Upper

248 100

250 198.3 77.6 116.4#

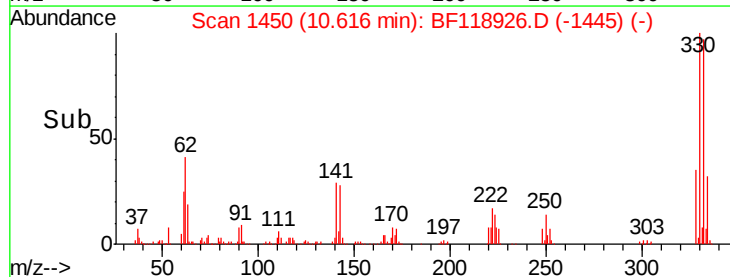
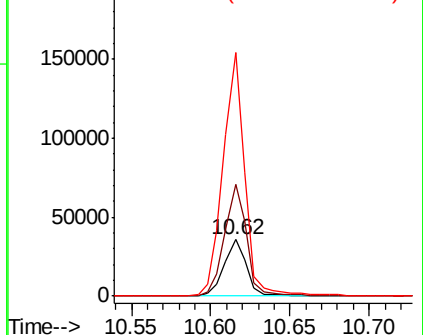
141 431.3 54.4 81.6#

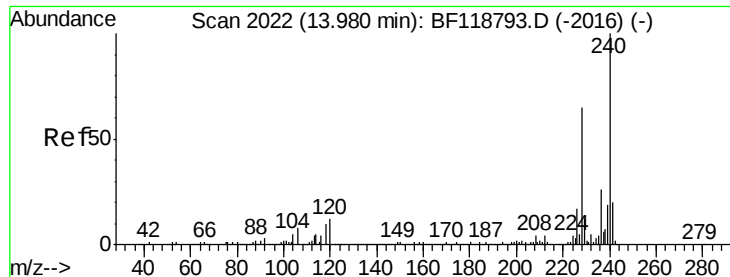


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

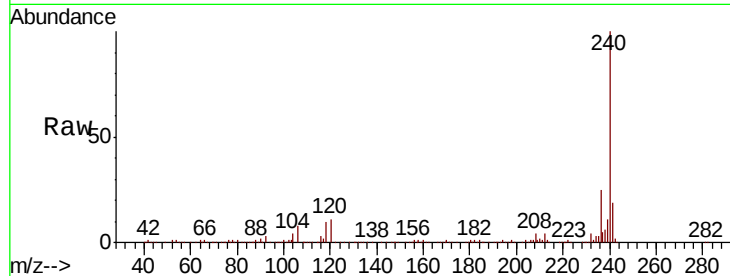
Tot Ion:240 Resp: 617619

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.0

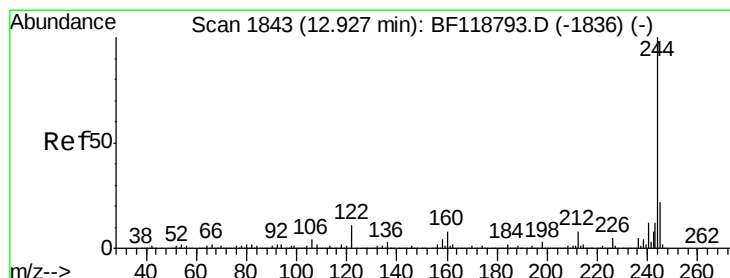
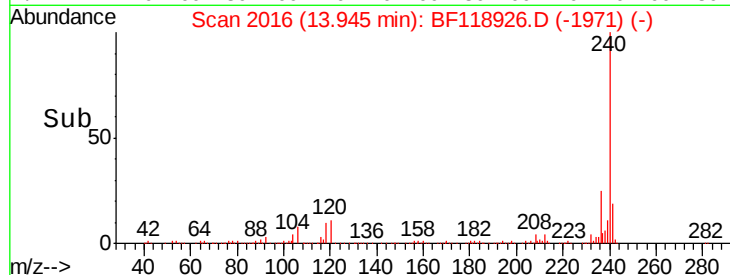
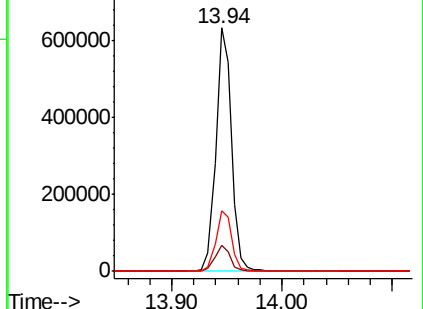
236 25.1 21.0 31.6



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: 82.597 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

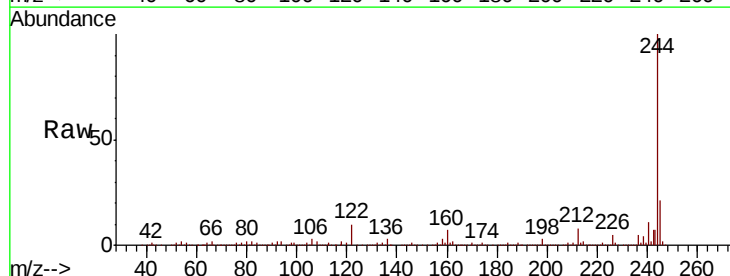
Tgt Ion:244 Resp: 2483576

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

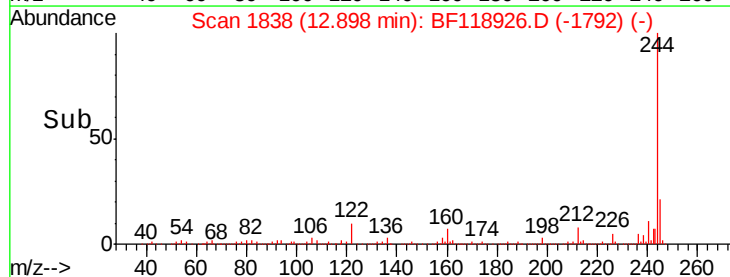
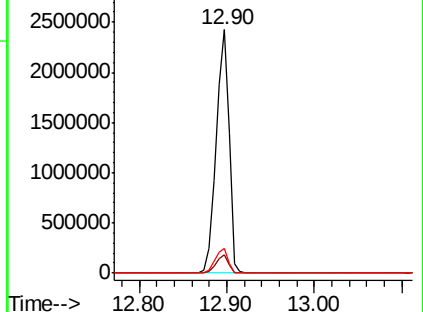
122 10.4 8.9 13.3

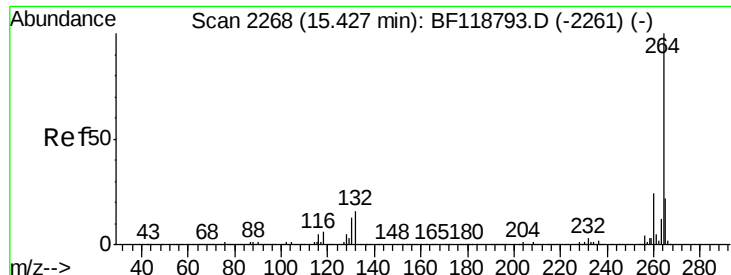


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.04 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.2	17.2	25.8

