

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118297.D
 Acq On : 19 Dec 2019 23:35
 Operator : JU
 Sample : K6370-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:16:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

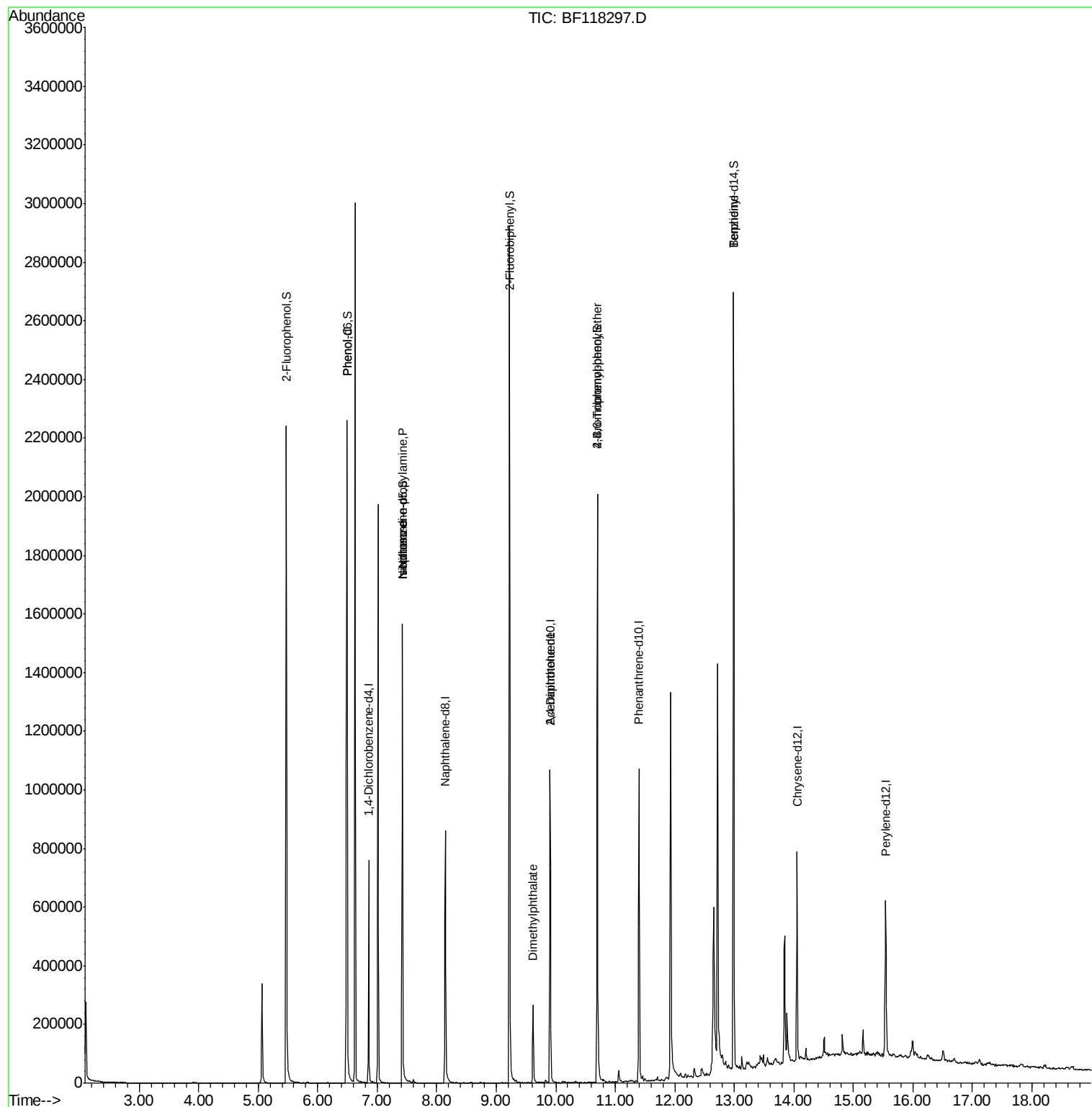
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105244	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	419032	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	218361	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	393003	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	228193	20.00	ng	-0.02
87) Perylene-d12	15.54	264	249723	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	645064	107.35	ng	0.00
7) Phenol-d6	6.49	99	829502	114.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	497080	66.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	260854	98.34	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	843362	58.77	ng	-0.02
79) Terphenyl-d14	12.99	244	870159	65.57	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.49	77	1569	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	43477	5.245	ng	# 81
19) n-Nitroso-di-n-propylamine	7.42	70	67020	15.175	ng	# 78
25) Isophorone	7.42	82	497076	39.367	ng	# 62
50) Dimethylphthalate	9.62	163	125938	7.808	ng	# 98
57) 2,4-Dinitrotoluene	9.90	165	28629	6.116	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	15753	3.511	ng	# 1
77) Benzidine	12.99	184	12209	2.032	ng	# 89

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

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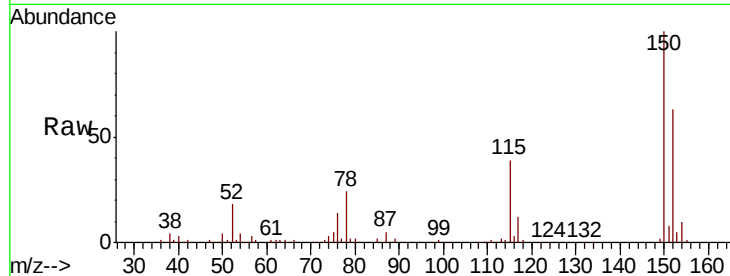


#1

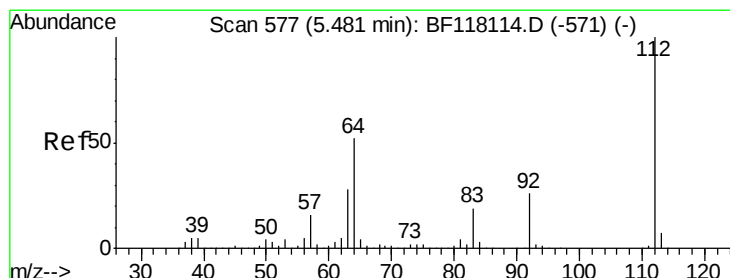
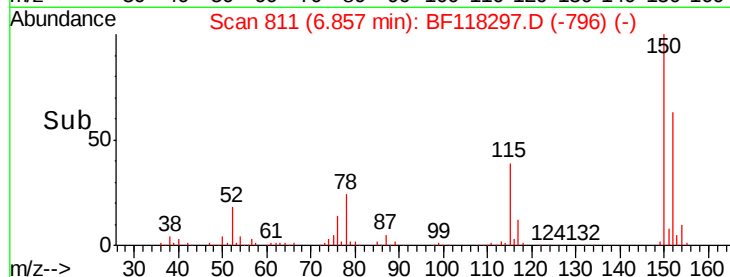
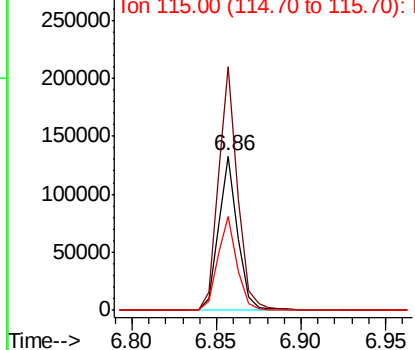
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105244
Ion Ratio Lower Upper
152 100
150 158.1 128.3 192.5
115 60.9 51.1 76.7



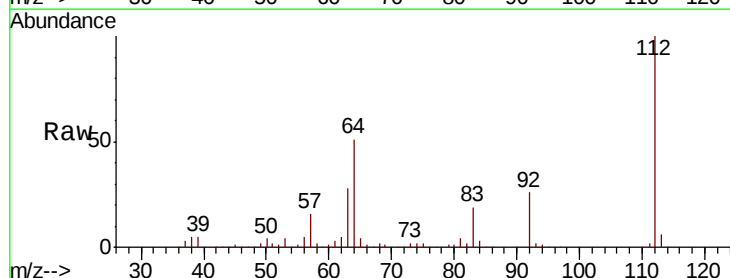
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



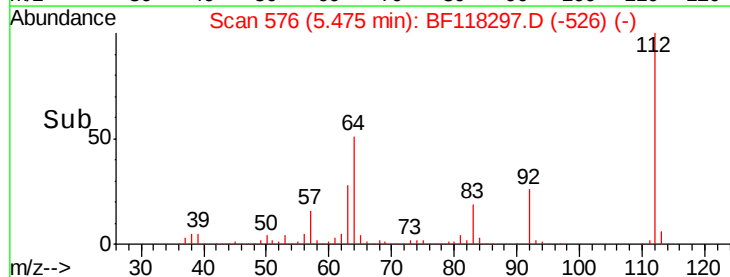
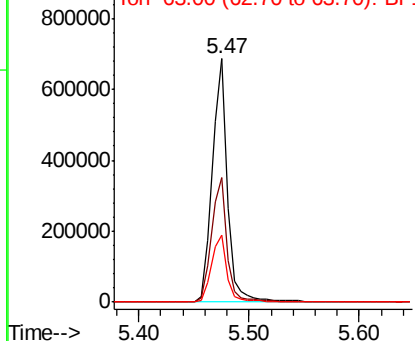
#5

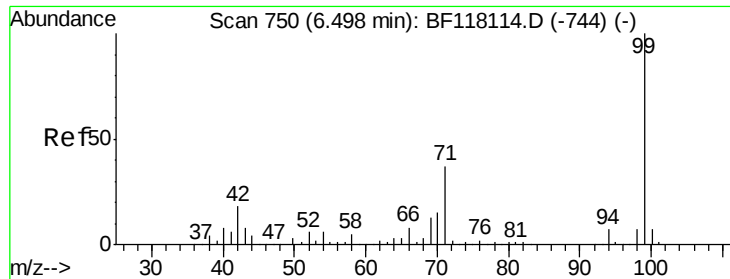
2-Fluorophenol
Concen: 107.351 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Tgt Ion:112 Resp: 645064
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 27.8 22.4 33.6



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: 114.131 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA_F

ClientSampled :

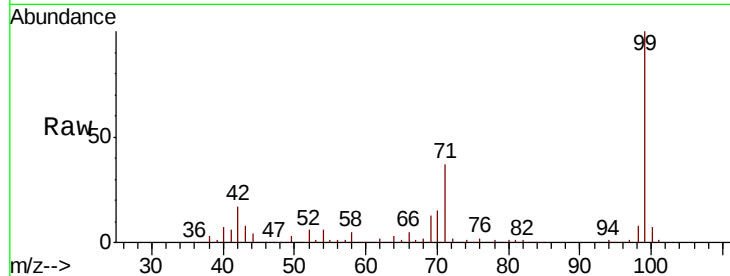
Tot Ion: 99 Resp: 829502

Ion Ratio Lower Upper

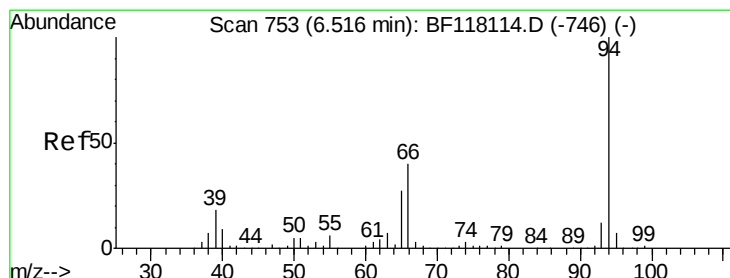
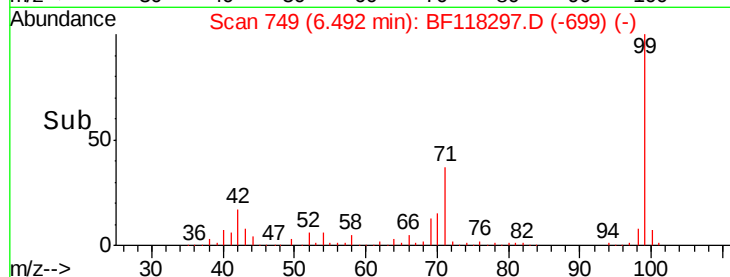
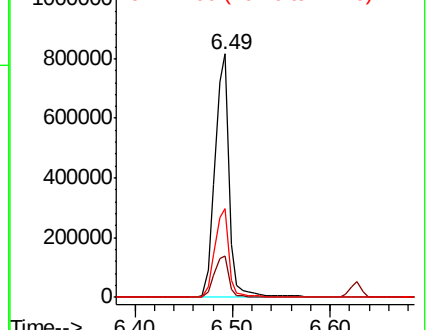
99 100

42 17.0 14.1 21.1

71 36.6 29.7 44.5



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



#10

Phenol

Concen: 5.245 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

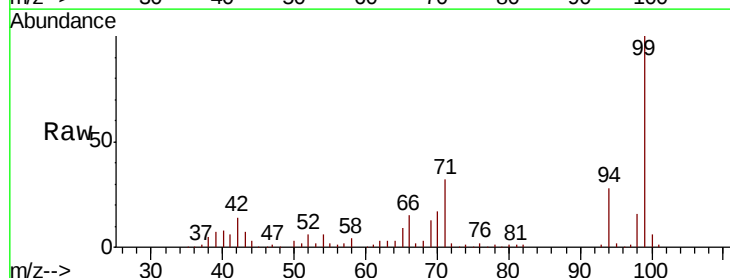
Tgt Ion: 94 Resp: 43477

Ion Ratio Lower Upper

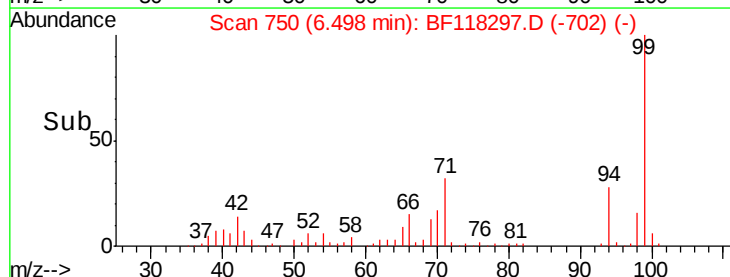
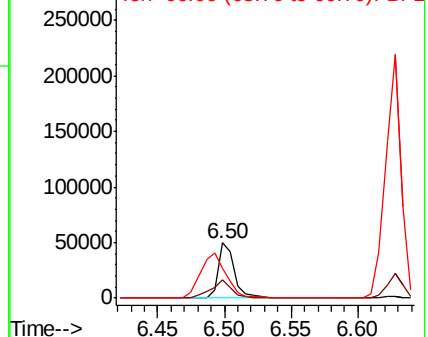
94 100

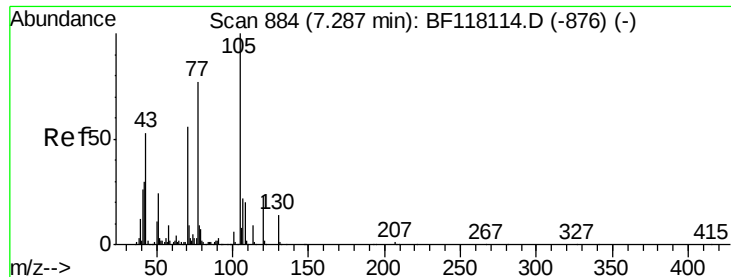
65 33.2 7.3 47.3

66 54.7 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

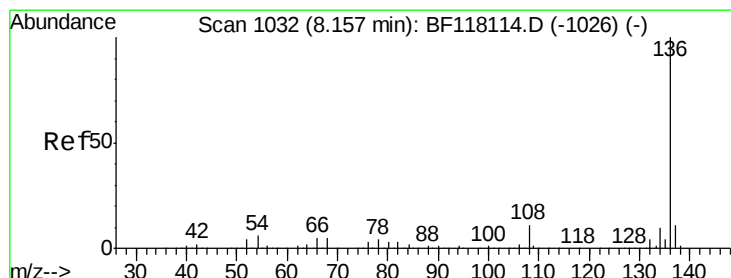
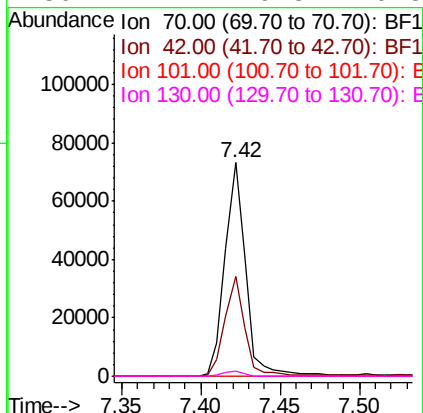
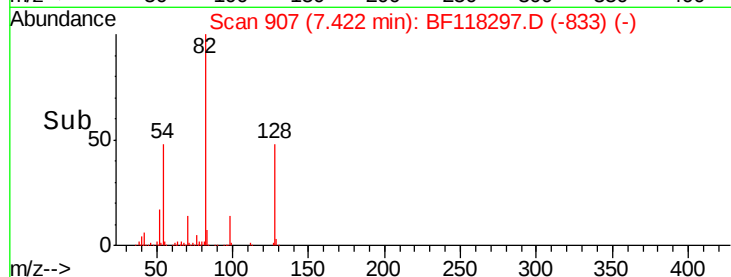
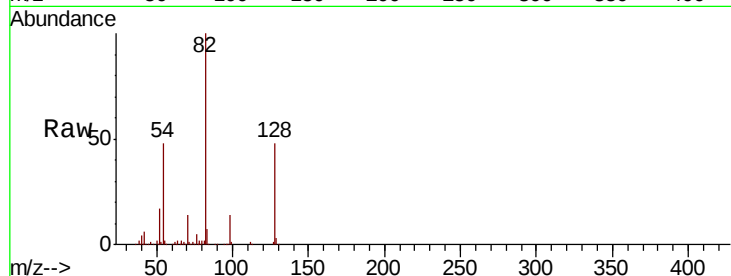




#19
n-Nitroso-di-n-propylamine
Concen: 15.175 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

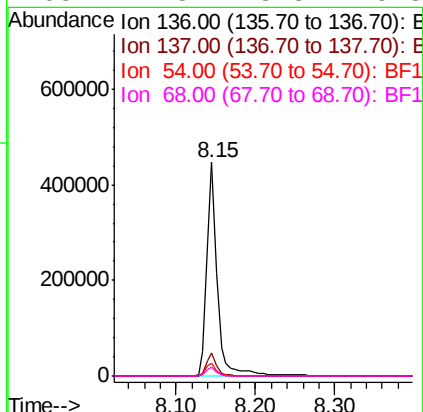
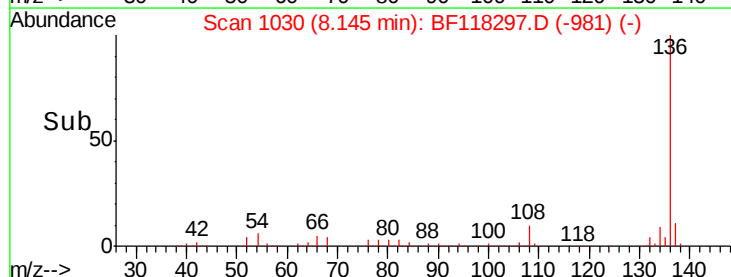
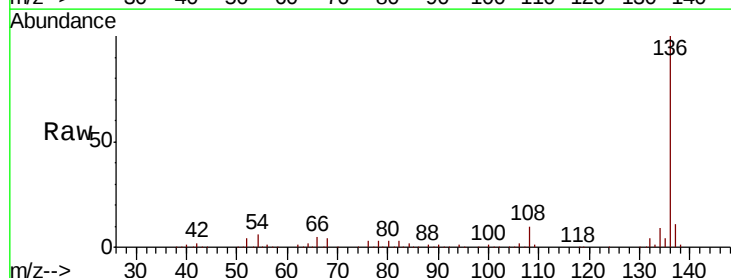
Instrument :
BNA_F
ClientSampleId :

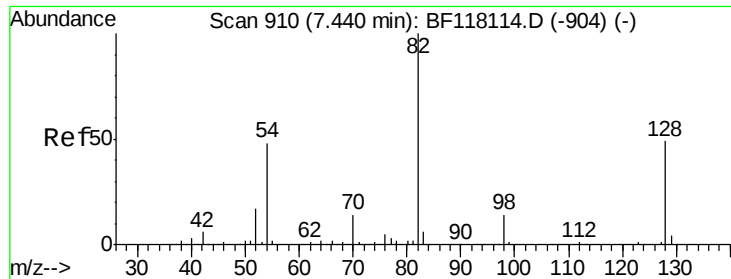
Tot Ion: 70 Resp: 67020
Ion Ratio Lower Upper
70 100
42 46.8 43.2 64.8
101 0.0 8.1 12.1#
130 2.4 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Tgt Ion: 136 Resp: 419032
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 5.9 5.0 7.6
68 4.3 3.8 5.8

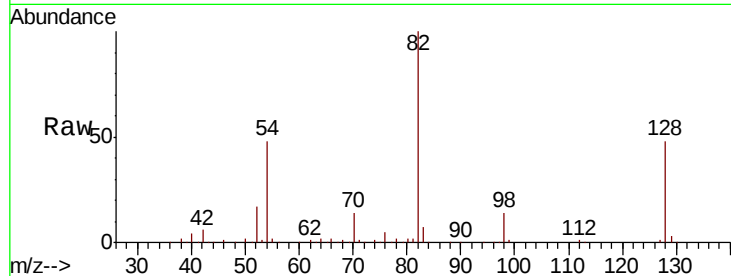




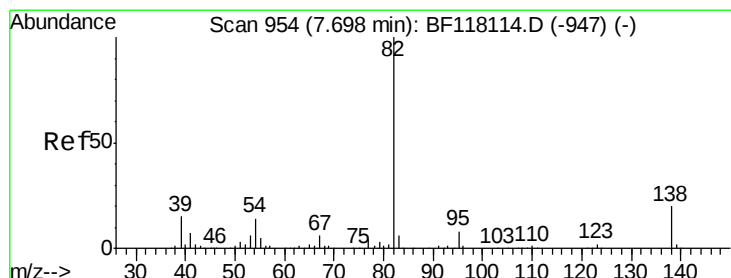
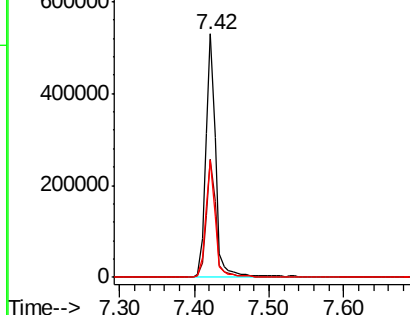
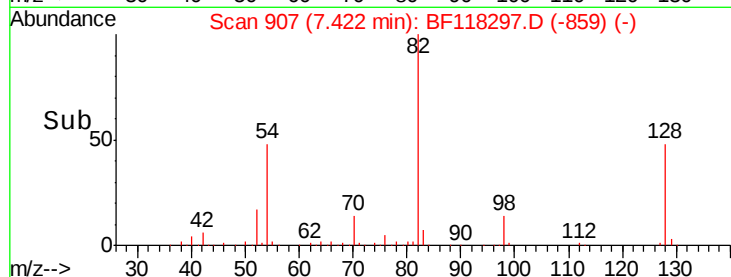
#23
Nitrobenzene-d5
Concen: 66.736 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	497080
Ion Ratio	100	Lower	Upper
128	48.4	39.1	58.7
54	48.1	38.2	57.2

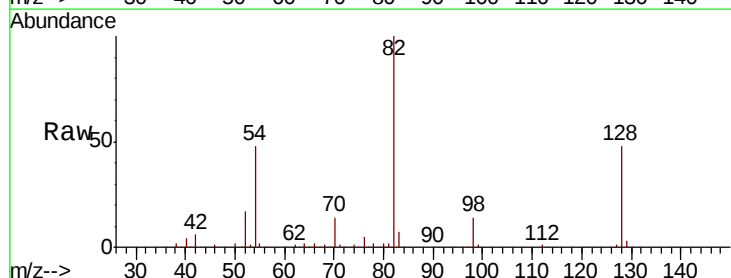


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

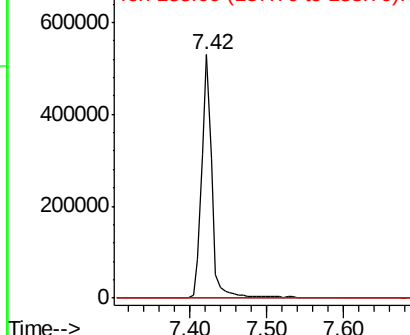
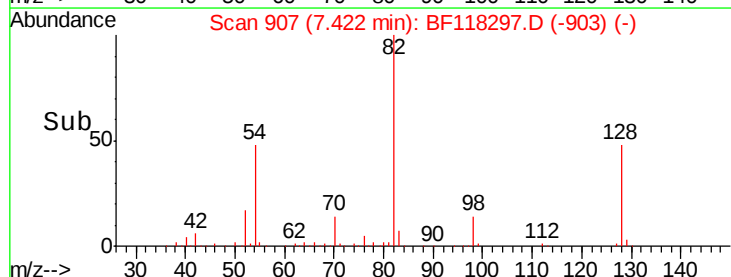


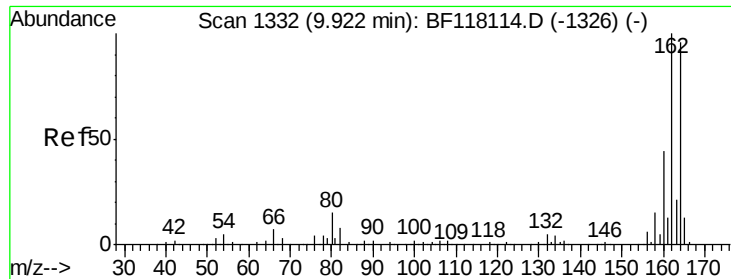
#25
Isophorone
Concen: 39.367 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Tgt Ion	82	Resp	497076
Ion Ratio	100	Lower	Upper
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#



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): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA_F

ClientSampleId :

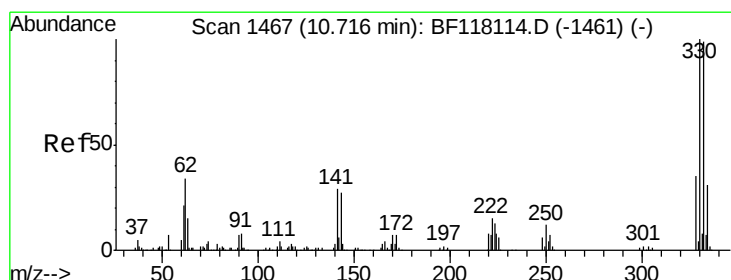
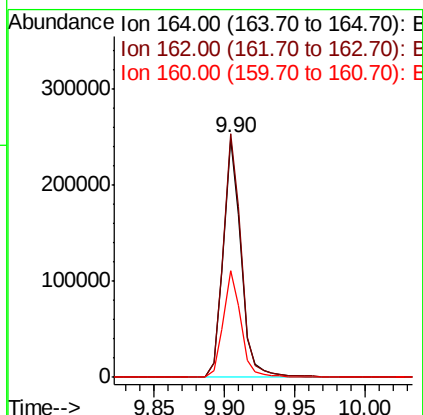
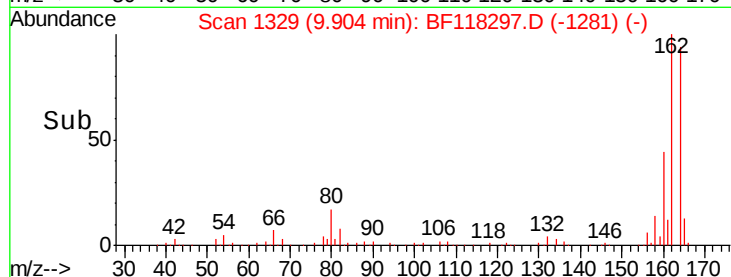
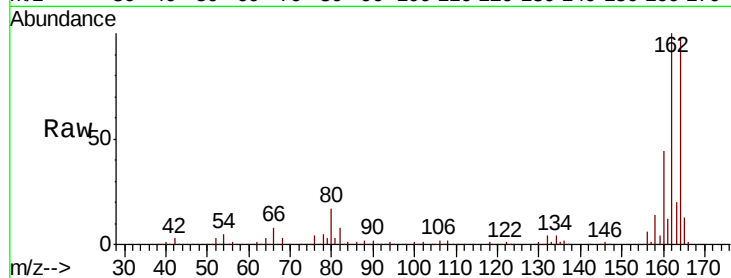
Tot Ion:164 Resp: 218361

Ion Ratio Lower Upper

164 100

162 102.0 83.4 125.0

160 44.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 98.336 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

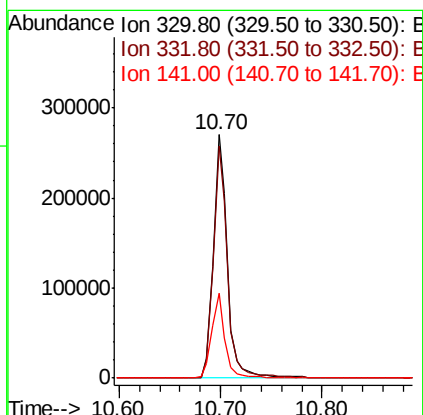
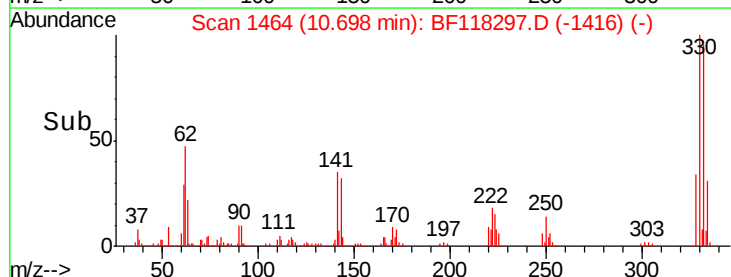
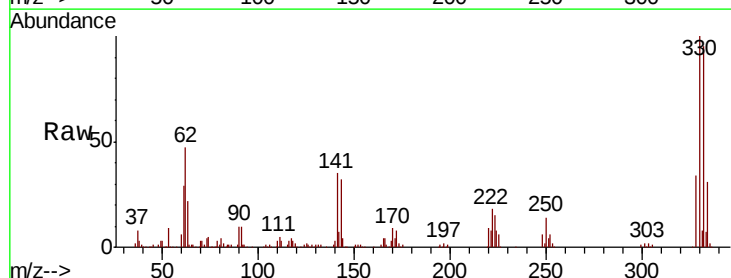
Tgt Ion:330 Resp: 260854

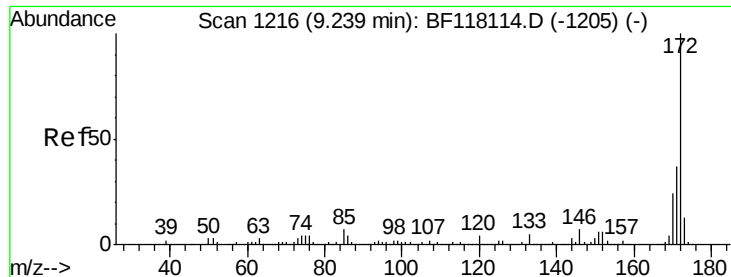
Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

141 33.2 26.9 40.3

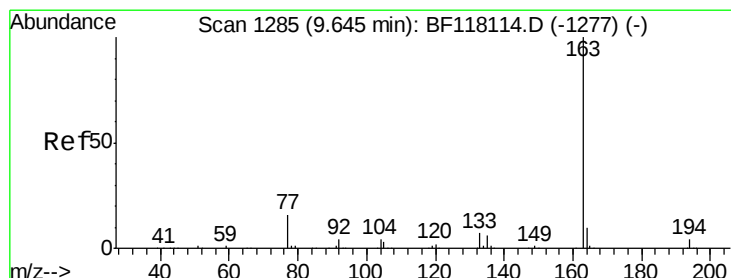
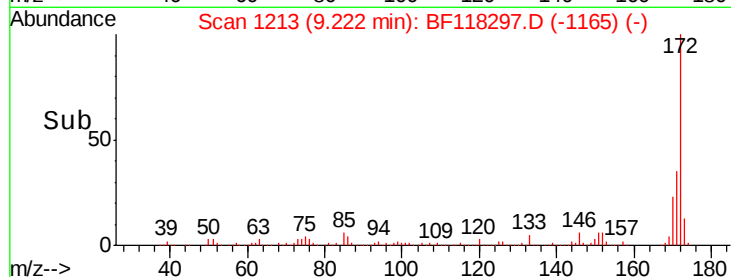
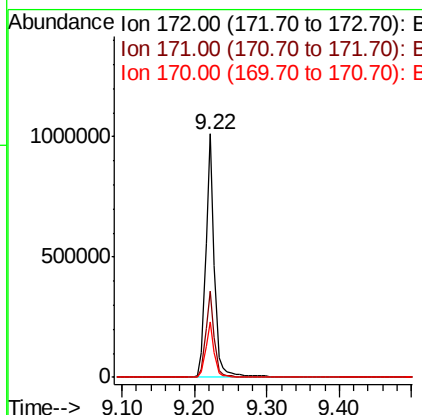
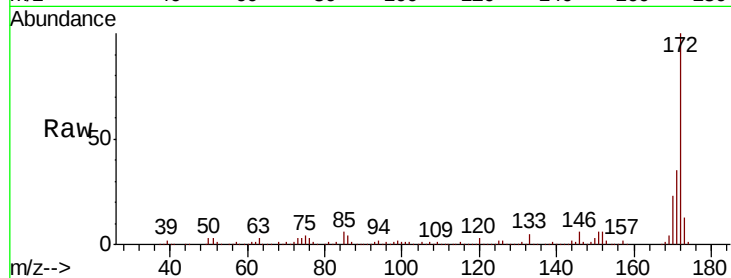




#45
2-Fluorobiphenyl
Concen: 58.770 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

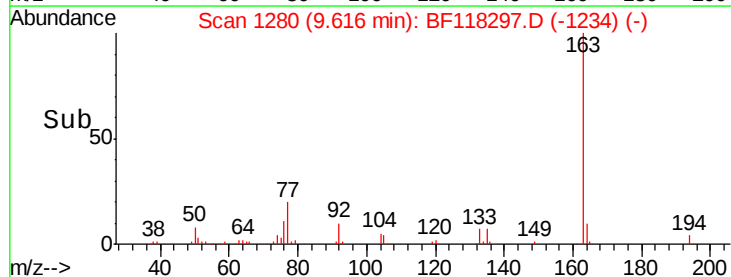
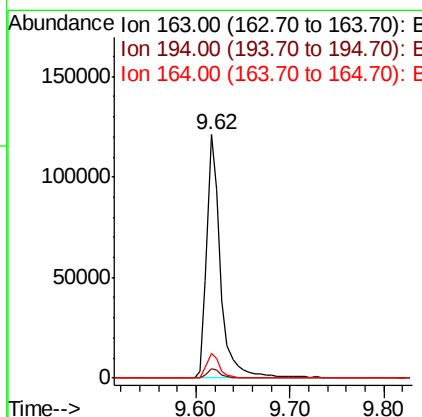
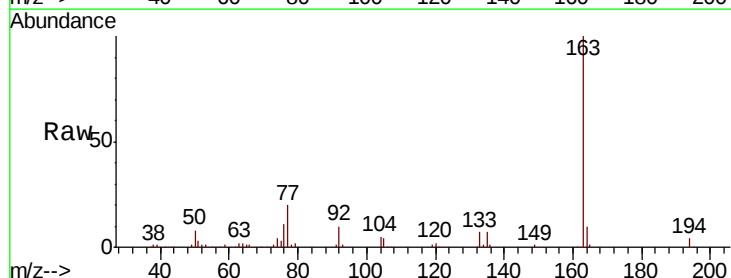
Instrument :
BNA_F
ClientSampled :

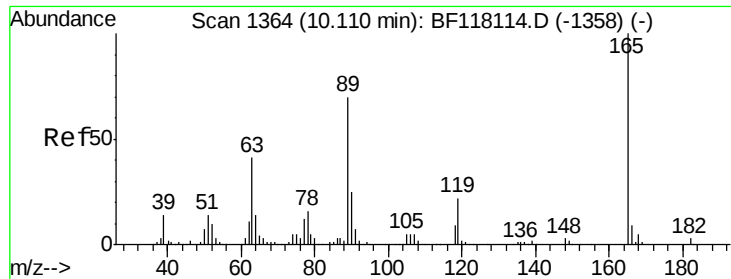
Tot Ion:172 Resp: 843362
Ion Ratio Lower Upper
172 100
171 35.4 29.2 43.8
170 23.0 19.4 29.2



#50
Dimethylphthalate
Concen: 7.808 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Tgt Ion:163 Resp: 125938
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.4 7.7 11.5

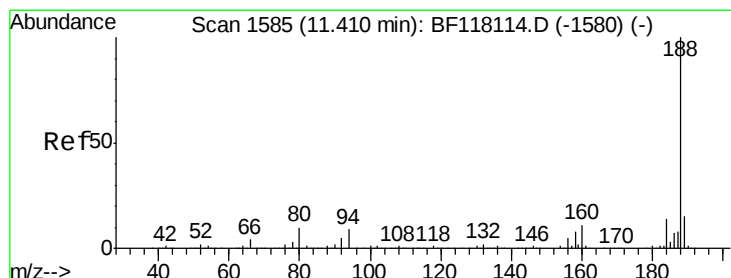
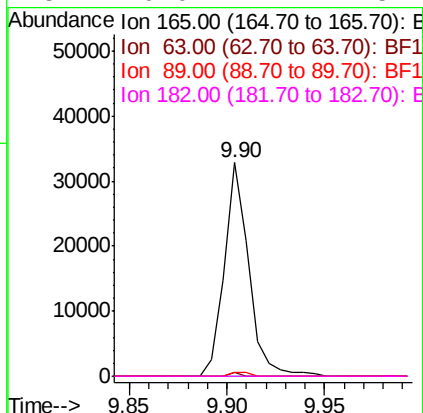
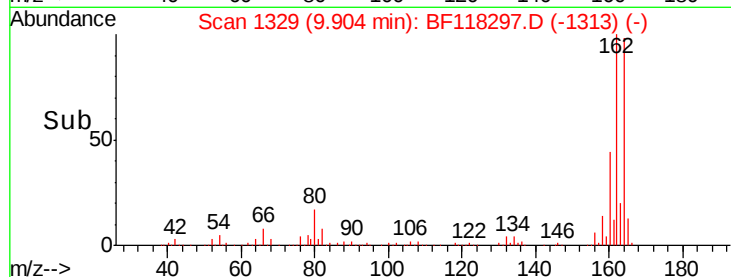
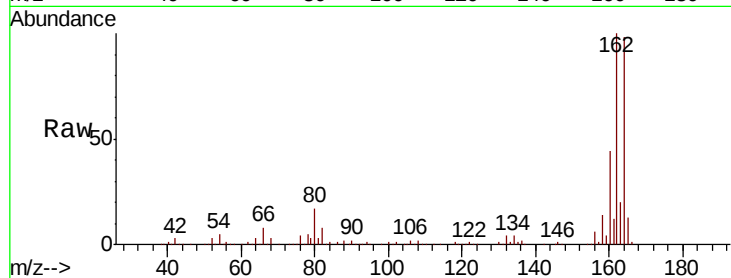




#57
 2,4-Dinitrotoluene
 Concen: 6.116 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118297.D
 Acq: 19 Dec 2019 23:35

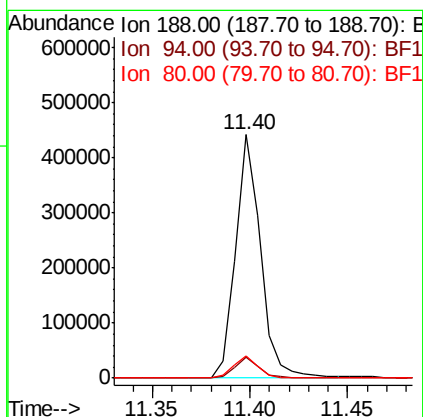
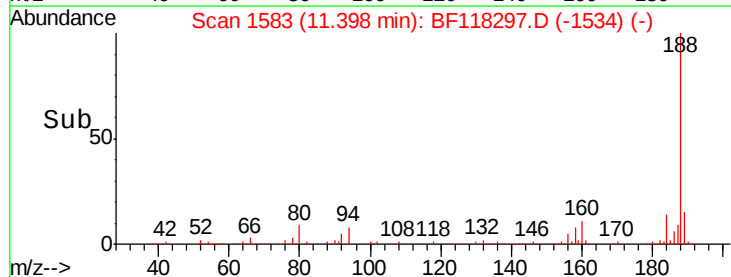
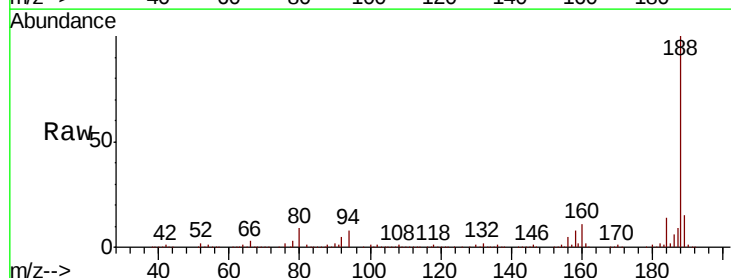
Instrument :
 BNA_F
 ClientSampleId :

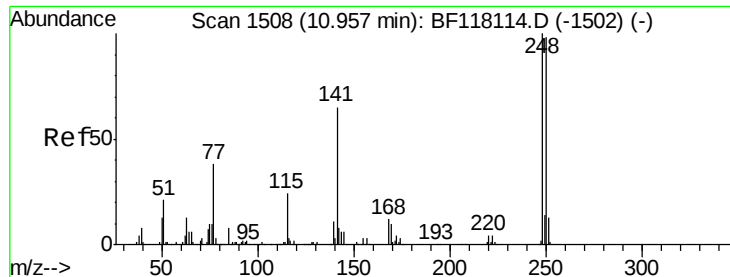
Tot Ion:165	Resp:	28629
Ion Ratio	Lower	Upper
165	100	
63	1.6	32.6 49.0#
89	1.6	56.1 84.1#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118297.D
 Acq: 19 Dec 2019 23:35

Tgt Ion:188	Resp:	393003
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.1 10.7
80	9.2	7.9 11.9

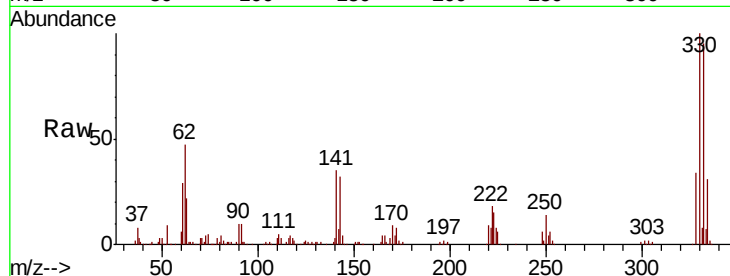




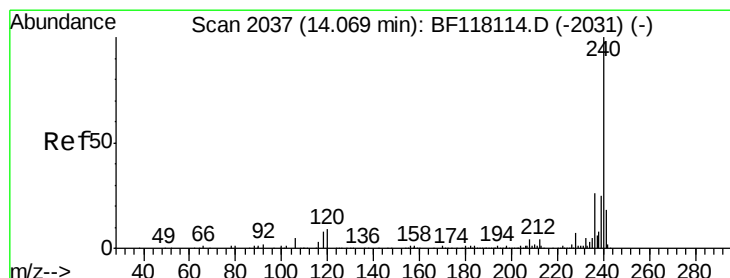
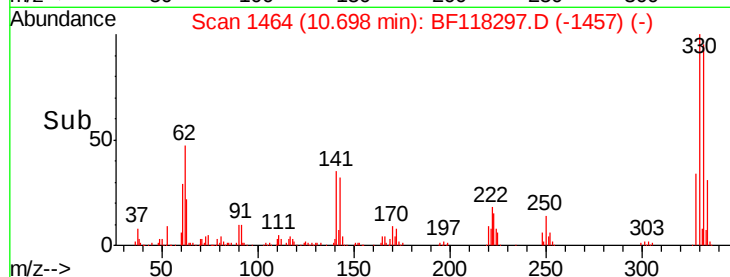
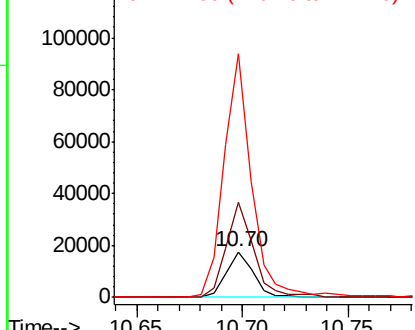
#67
4-Bromophenyl-phenylether
Concen: 3.511 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15753
Ion Ratio Lower Upper
248 100
250 210.3 78.3 117.5#
141 535.7 52.2 78.4#

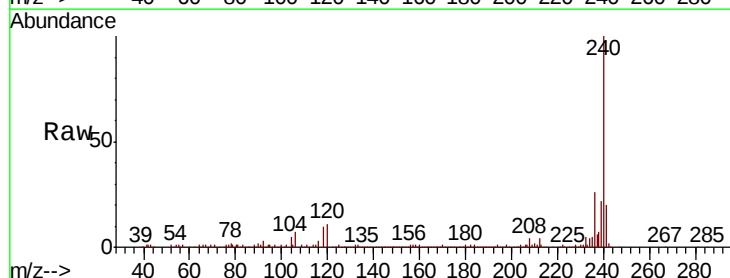


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

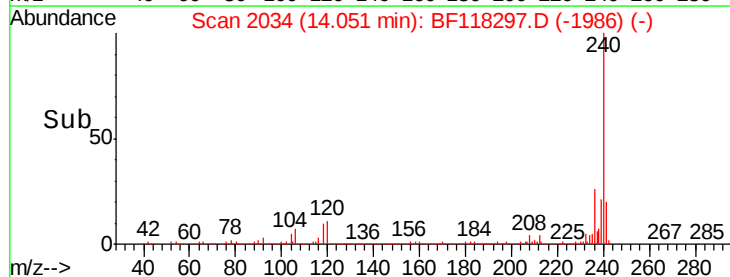
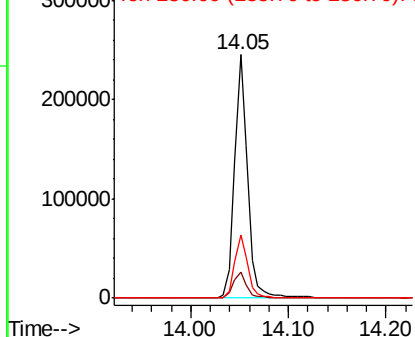


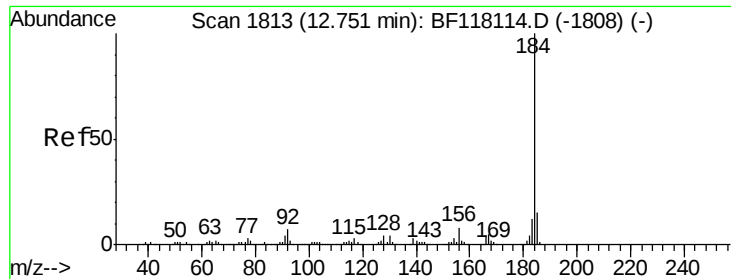
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118297.D
Acq: 19 Dec 2019 23:35

Tgt Ion:240 Resp: 228193
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 25.9 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





#77

Benzidine

Concen: 2.032 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.24 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

Instrument :

BNA_F

ClientSampleId :

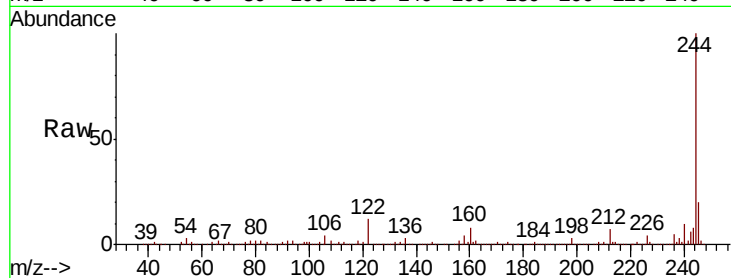
Tot Ion:184 Resp: 12209

Ion Ratio Lower Upper

184 100

185 20.6 12.3 18.5#

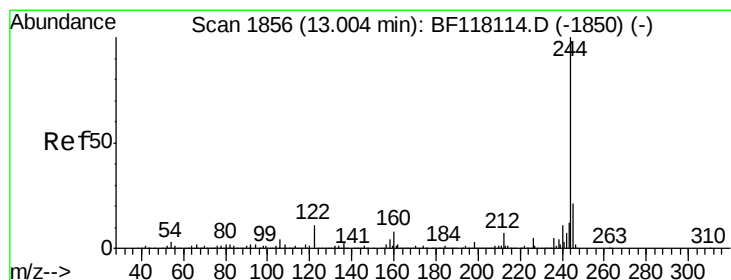
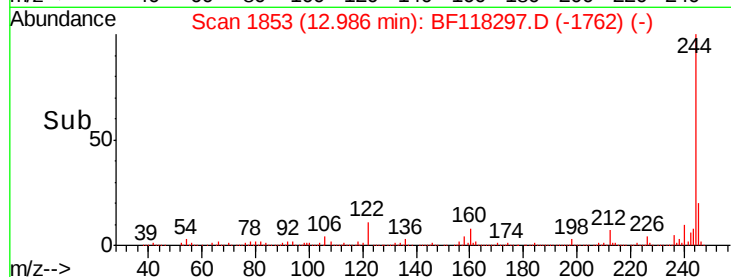
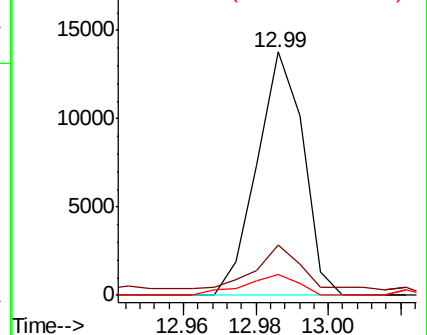
183 8.8 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 65.574 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.02 min

Lab File: BF118297.D

Acq: 19 Dec 2019 23:35

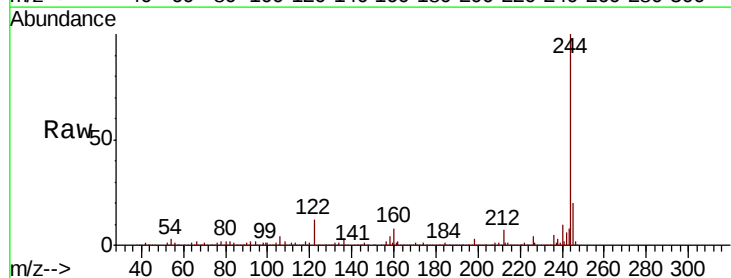
Tgt Ion:244 Resp: 870159

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

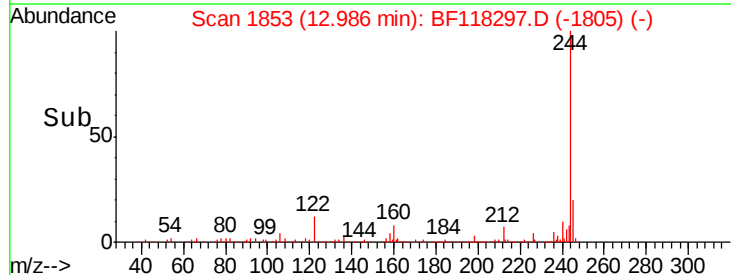
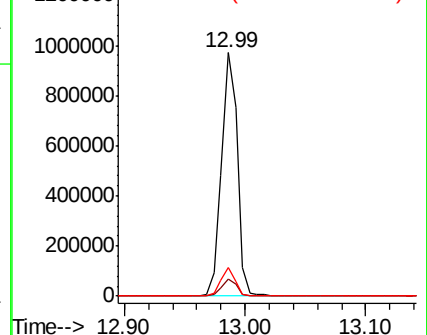
122 11.6 9.0 13.6

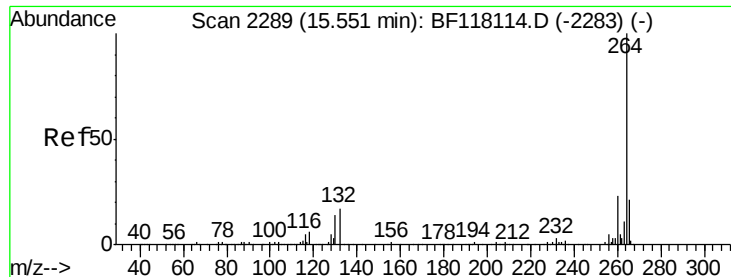


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF118297.D
 Acq: 19 Dec 2019 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	23.0	16.8	25.2

