

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119298.D
 Acq On : 9 Mar 2020 22:27
 Operator : CG/JU
 Sample : L1844-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 23:15:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

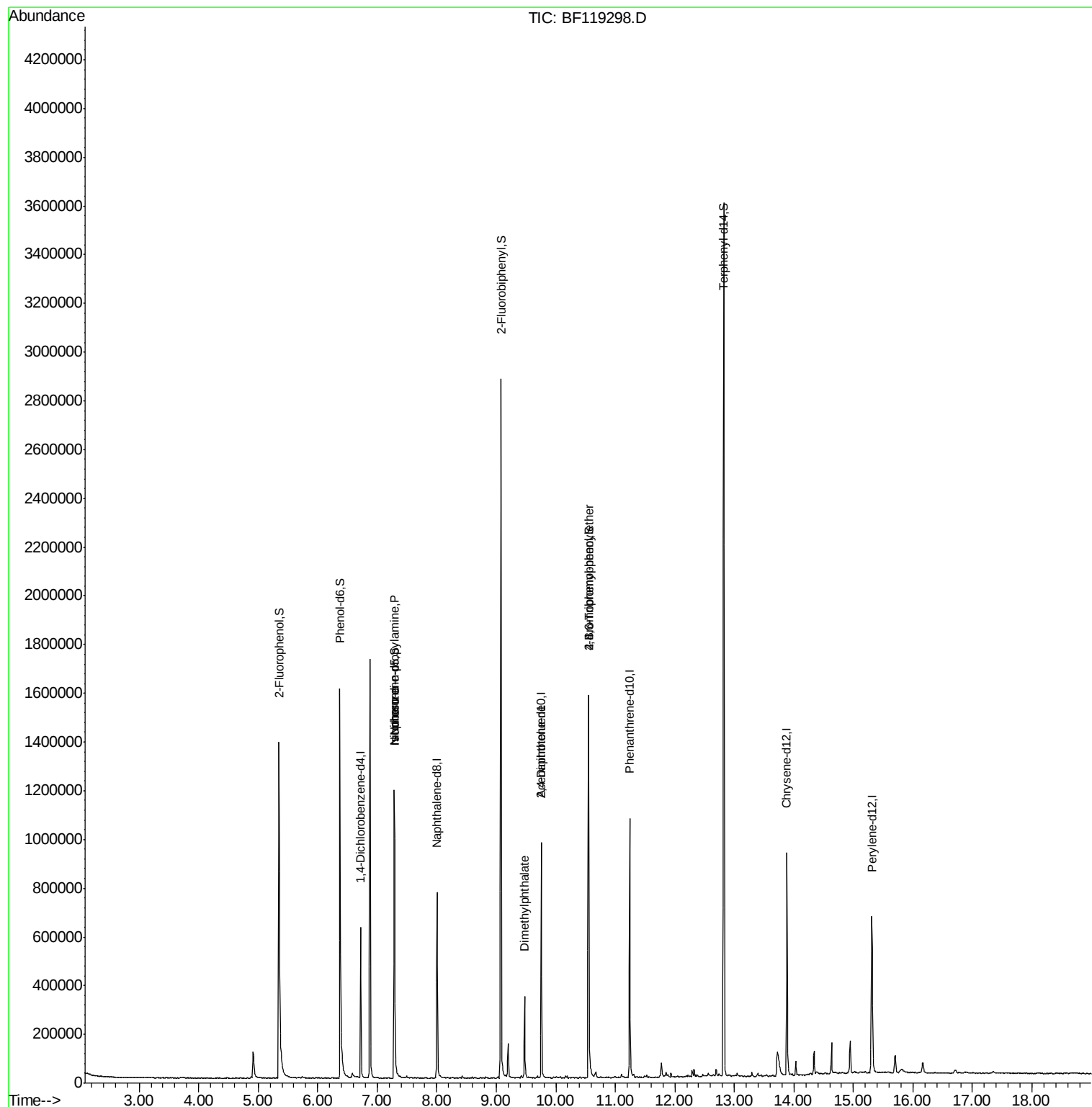
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	94622	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	368606	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	206944	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	410972	20.00	ng	0.00
76) Chrysene-d12	13.88	240	323009	20.00	ng	0.00
87) Perylene-d12	15.31	264	296420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	537893	95.00	ng	0.00
7) Phenol-d6	6.37	99	664679	96.53	ng	0.00
23) Nitrobenzene-d5	7.29	82	439664	62.98	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	247326	91.36	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	918425	65.38	ng	0.00
79) Terphenyl-d14	12.82	244	1242446	66.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	60193	15.001	ng	Qvalue # 74
25) Isophorone	7.29	82	439664	36.263	ng	# 63
50) Dimethylphthalate	9.47	163	141968	8.971	ng	100
57) 2,4-Dinitrotoluene	9.76	165	26412	5.796	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	16270	3.029	ng	# 1

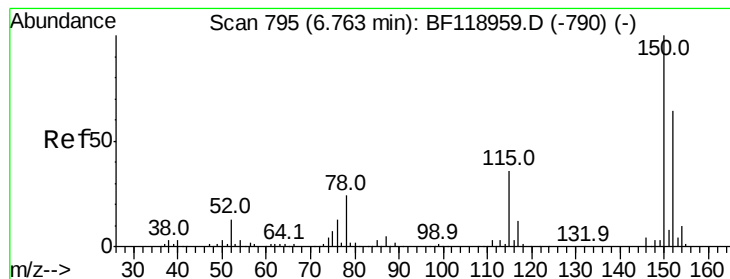
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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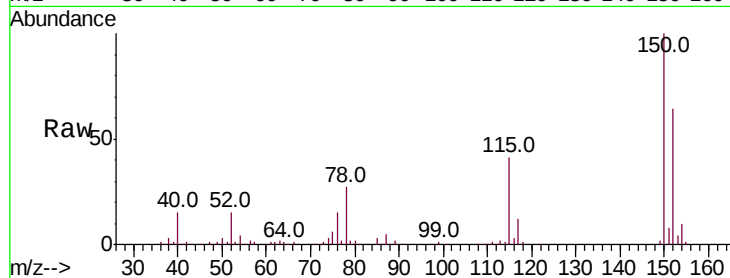


#1

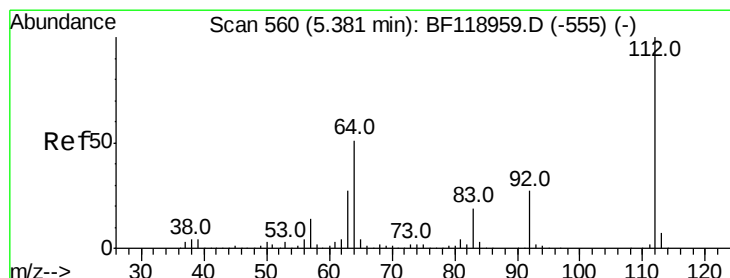
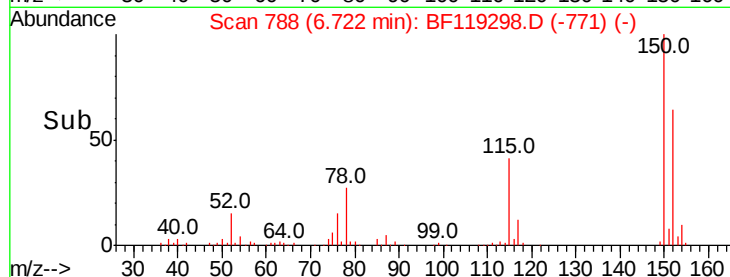
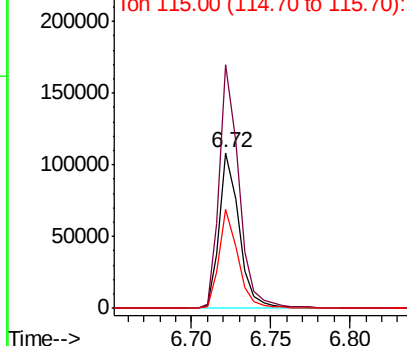
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94622
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 63.5 49.5 74.3



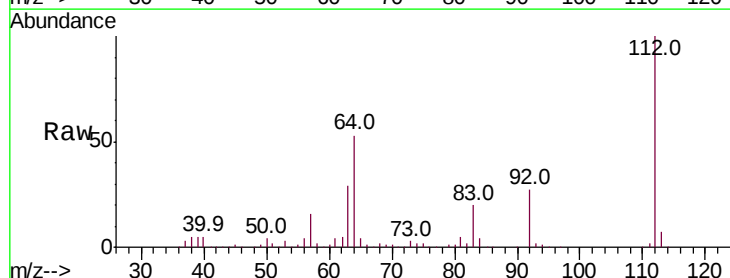
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



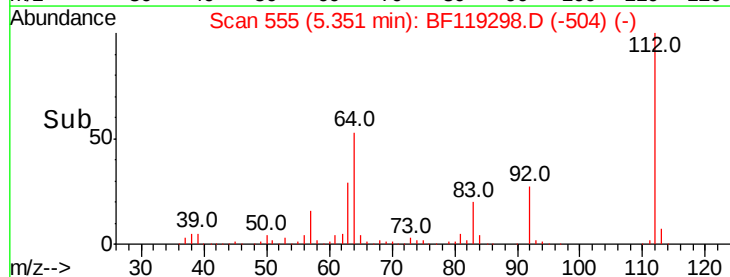
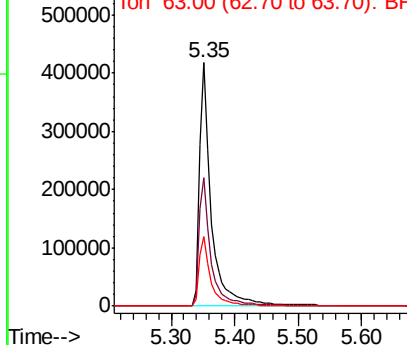
#5

2-Fluorophenol
Concen: 95.001 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

Tgt Ion:112 Resp: 537893
Ion Ratio Lower Upper
112 100
64 52.9 45.0 67.4
63 28.7 24.2 36.4



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: 96.526 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119298.D

Acq: 9 Mar 2020 22:27

Instrument :

BNA_F

ClientSampleId :

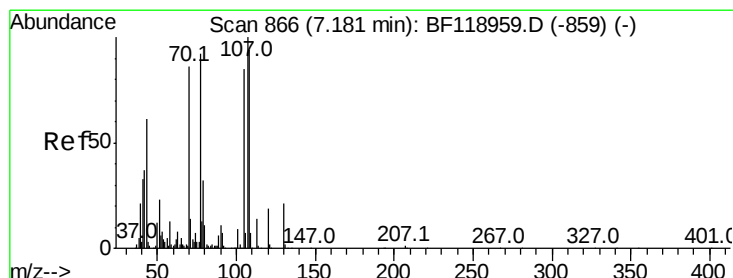
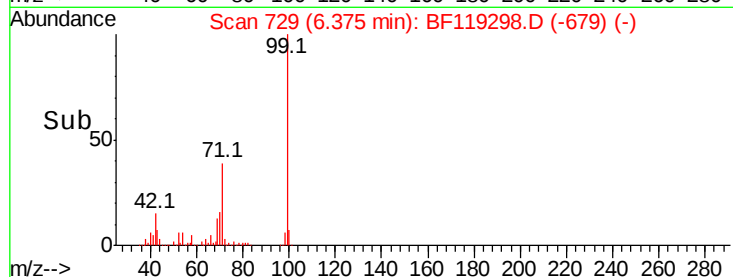
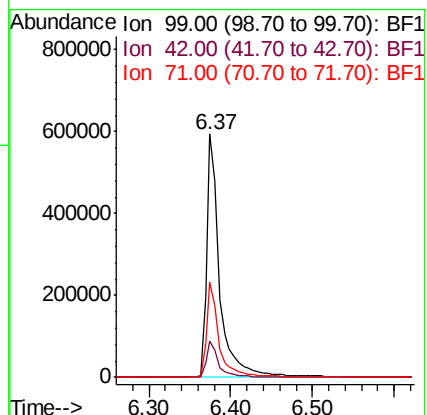
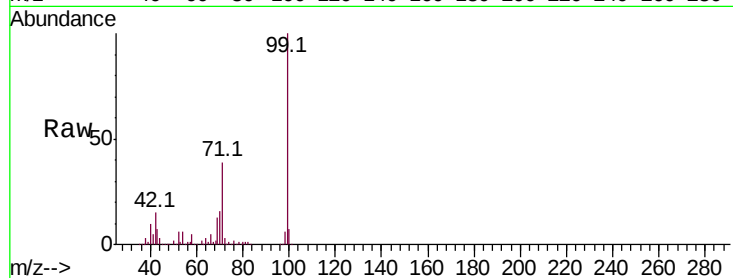
Tot Ion: 99 Resp: 664679

Ion Ratio Lower Upper

99 100

42 15.1 12.6 18.8

71 39.1 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.001 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119298.D

Acq: 9 Mar 2020 22:27

Tgt Ion: 70 Resp: 60193

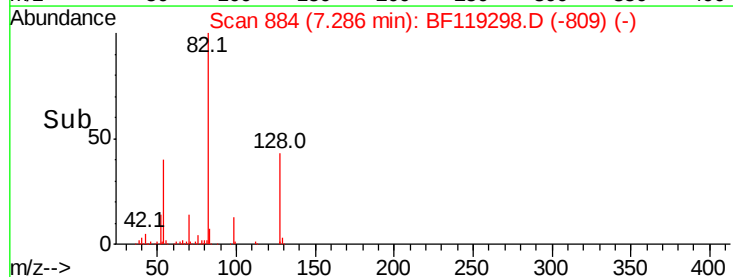
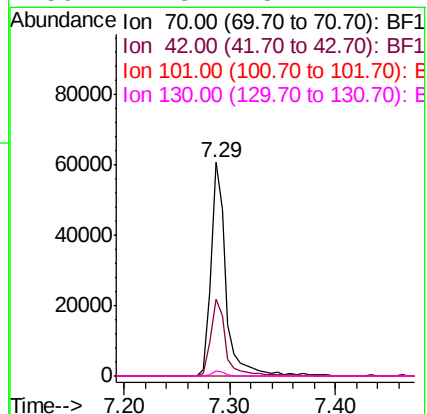
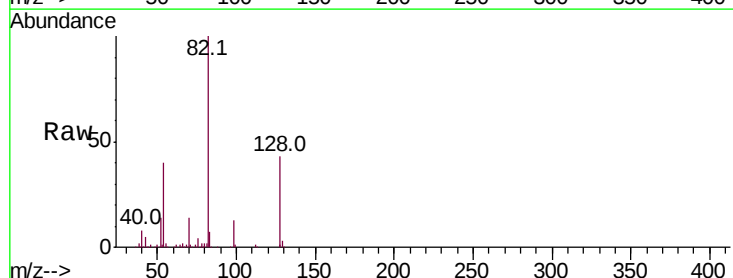
Ion Ratio Lower Upper

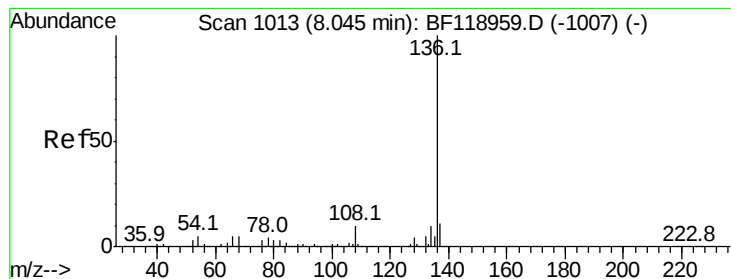
70 100

42 35.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119298.D

Acq: 9 Mar 2020 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 368606

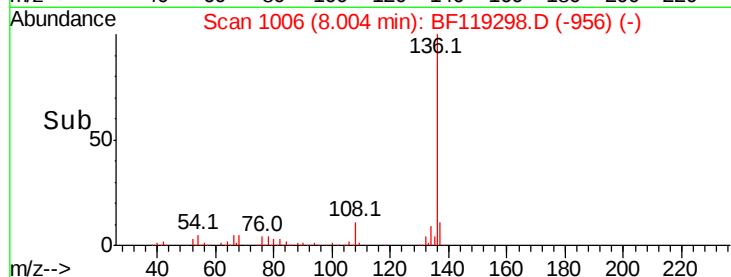
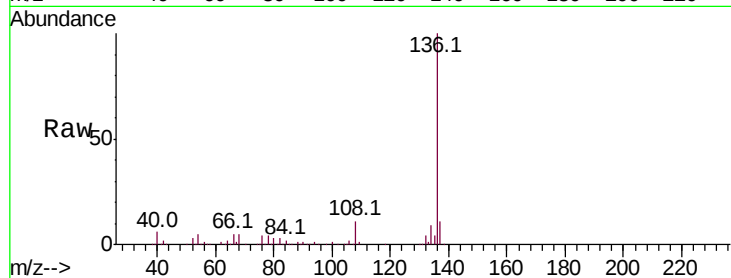
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.1 3.8 5.6

68 5.1 3.9 5.9

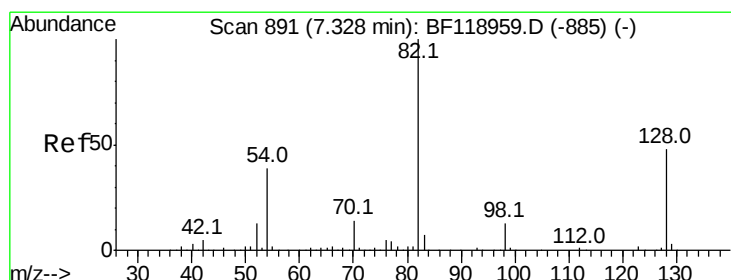
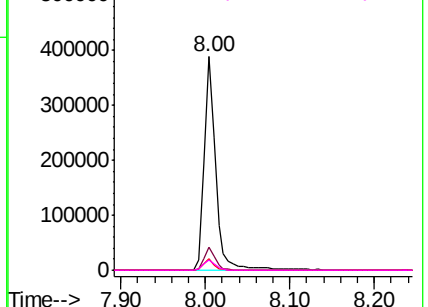


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.979 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119298.D

Acq: 9 Mar 2020 22:27

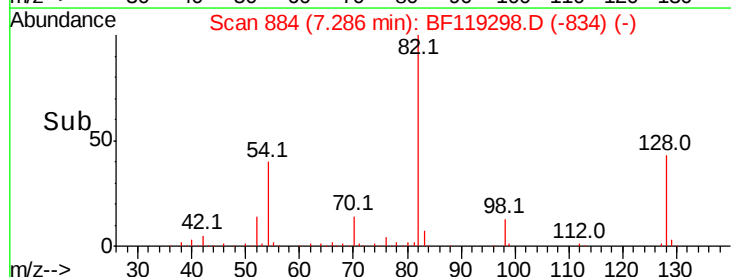
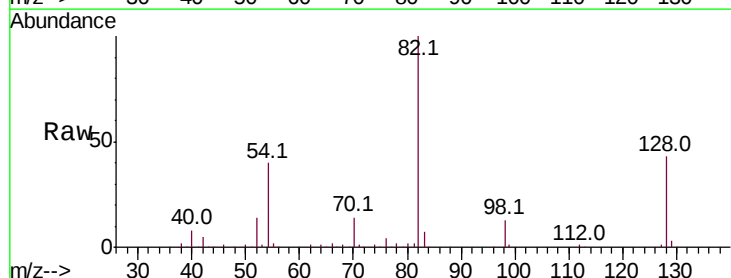
Tgt Ion: 82 Resp: 439664

Ion Ratio Lower Upper

82 100

128 43.4 37.9 56.9

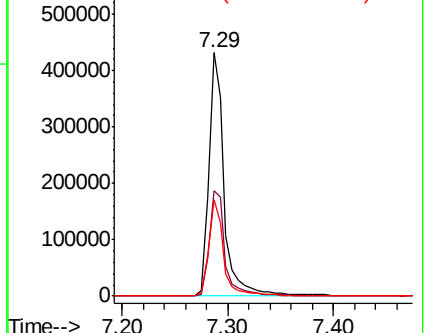
54 39.7 33.4 50.2

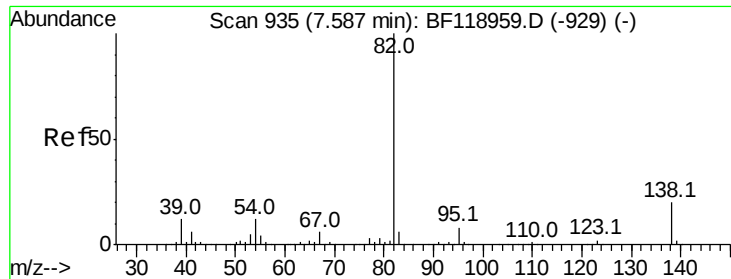


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

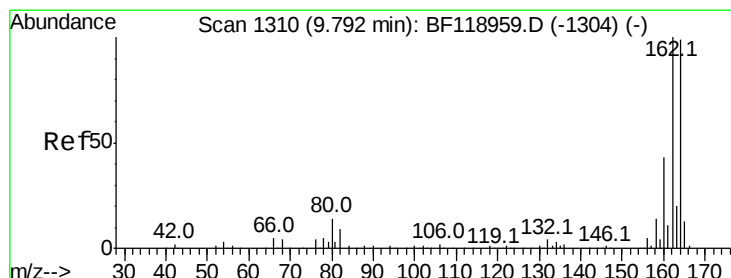
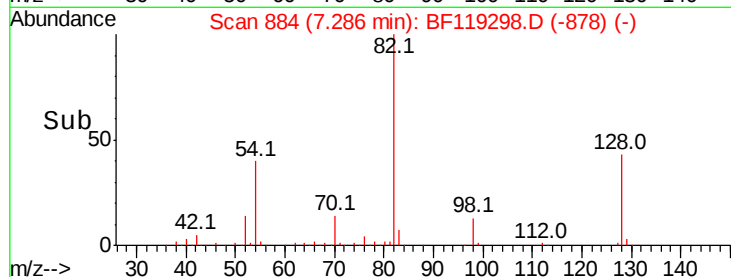
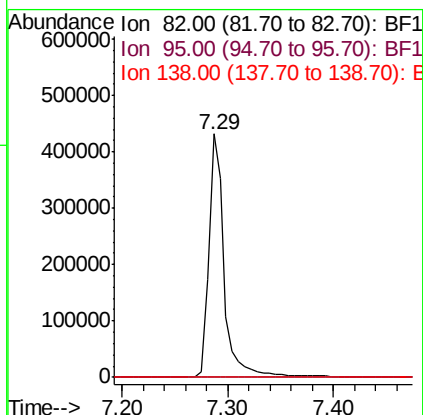
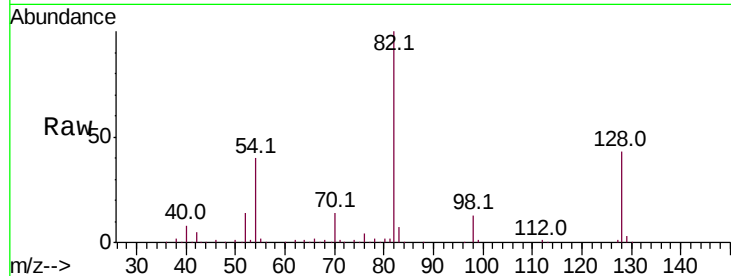




#25
Isophorone
Concen: 36.263 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

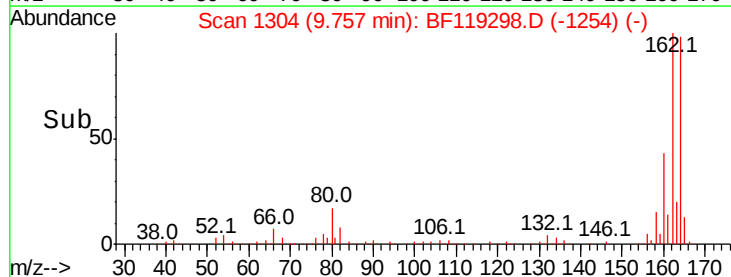
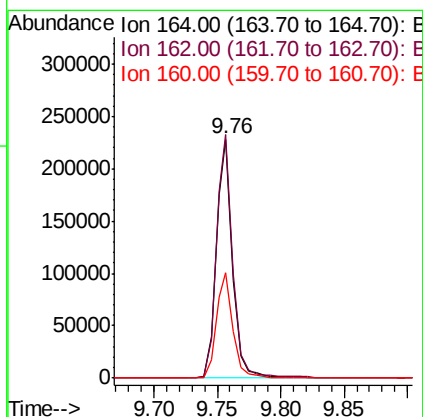
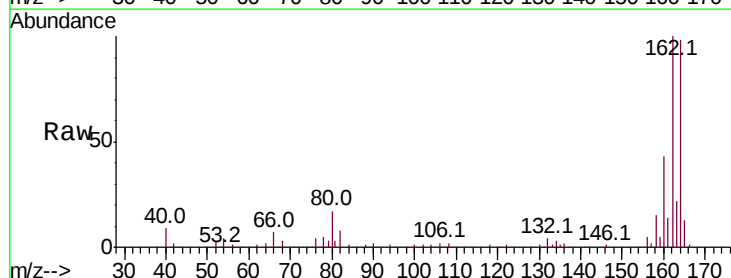
Instrument :
BNA_F
ClientSampled :

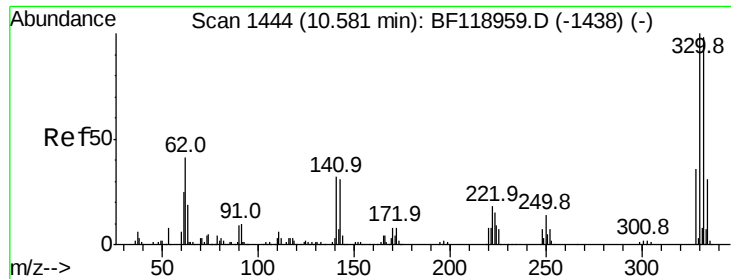
Tot Ion: 82 Resp: 439664
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

Tgt Ion: 164 Resp: 206944
Ion Ratio Lower Upper
164 100
162 101.9 81.8 122.8
160 44.1 36.0 54.0

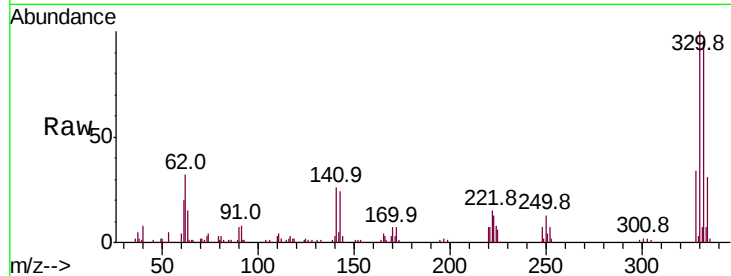




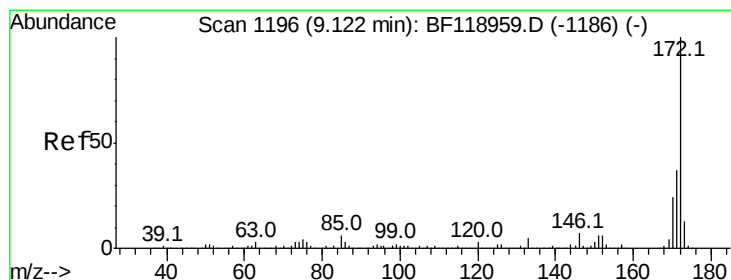
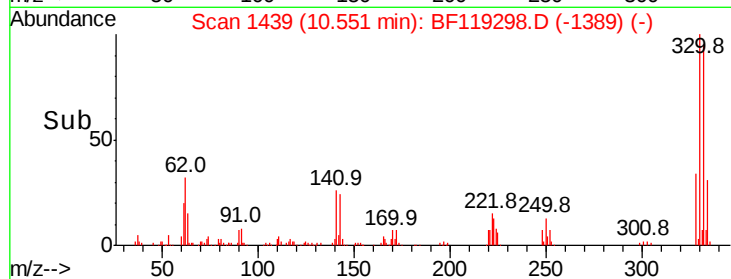
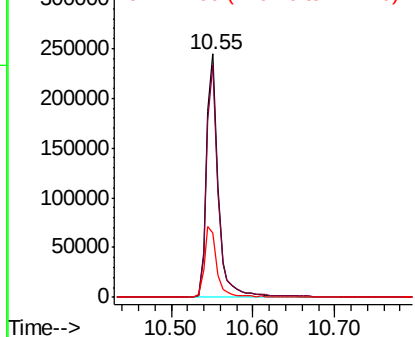
#42
 2,4,6-Tribromophenol
 Concen: 91.359 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119298.D
 Acq: 9 Mar 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	30.9	22.9	34.3

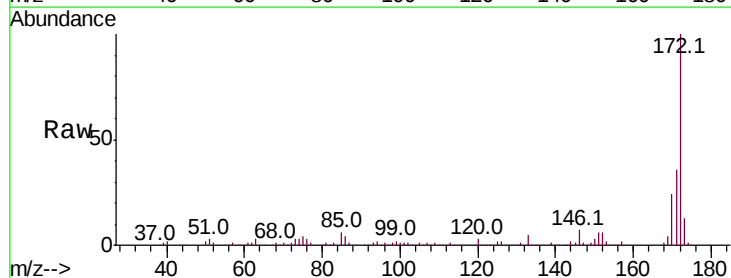


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

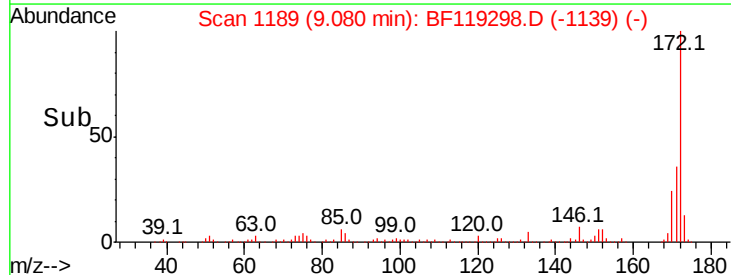
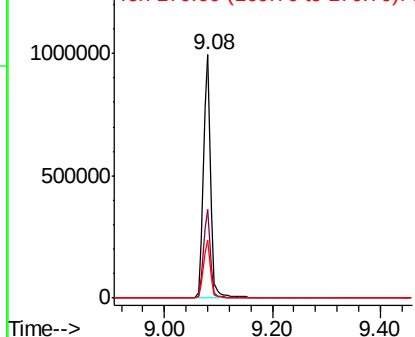


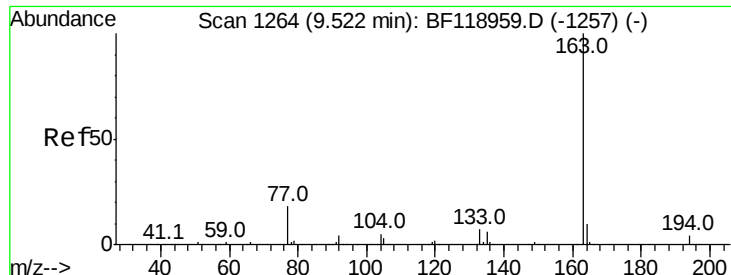
#45
 2-Fluorobiphenyl
 Concen: 65.380 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119298.D
 Acq: 9 Mar 2020 22:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.0	20.2	30.2



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

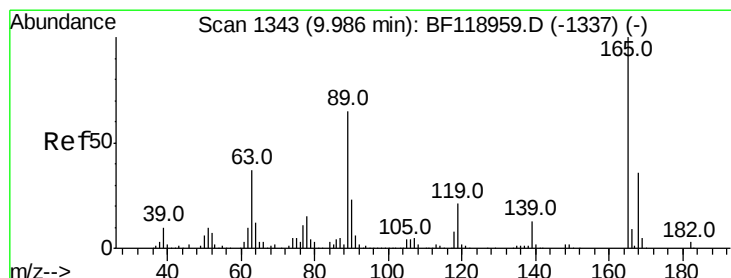
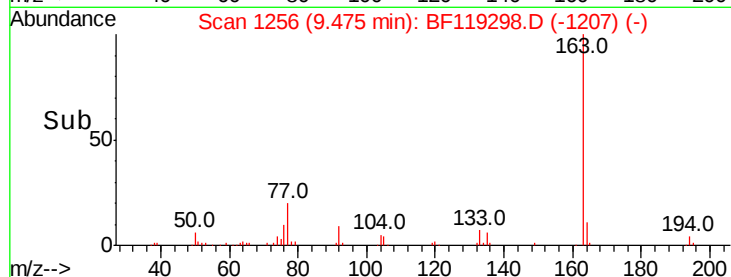
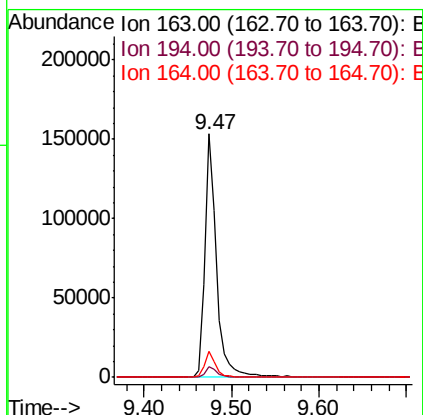
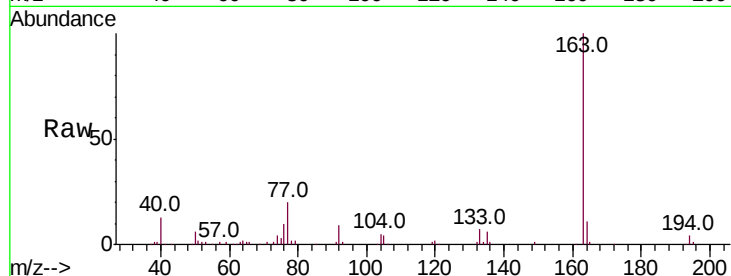




#50
Dimethylphthalate
Concen: 8.971 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

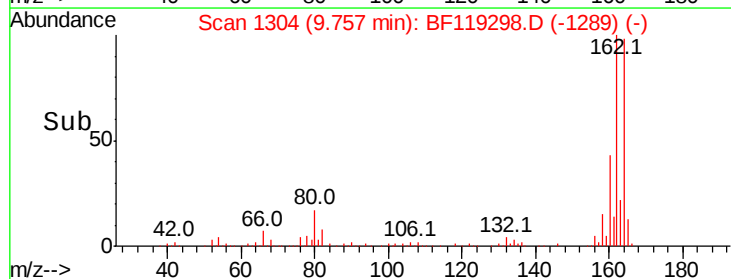
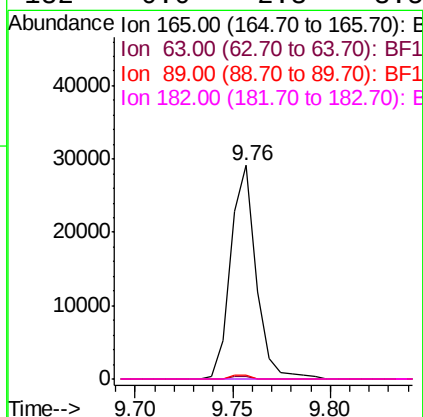
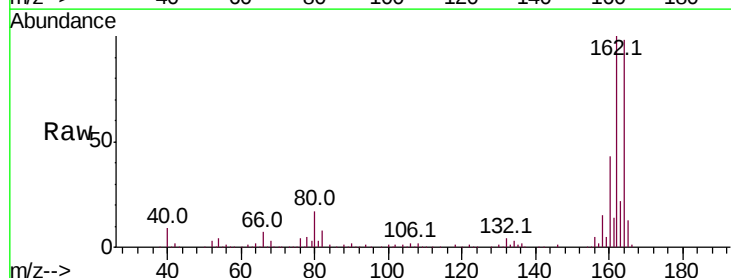
Instrument :
BNA_F
ClientSampleId :

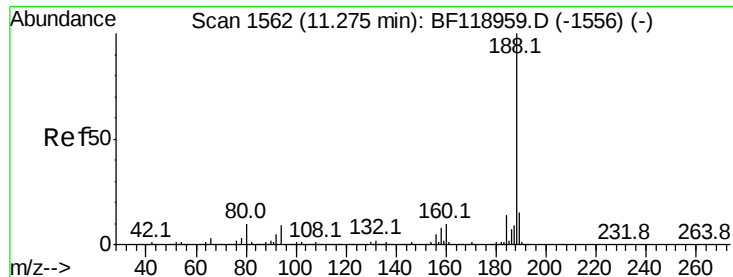
Tot Ion:163 Resp: 141968
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

Tgt Ion:165 Resp: 26412
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.7 60.2 90.4#
182 0.0 2.3 3.5#

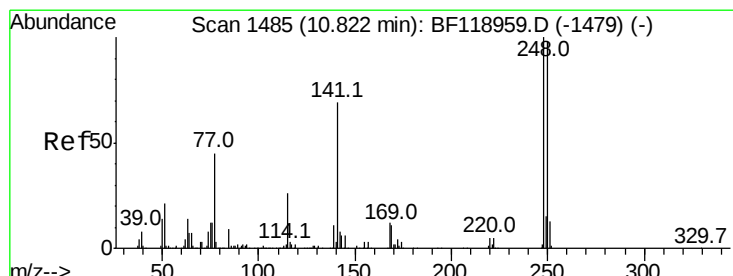
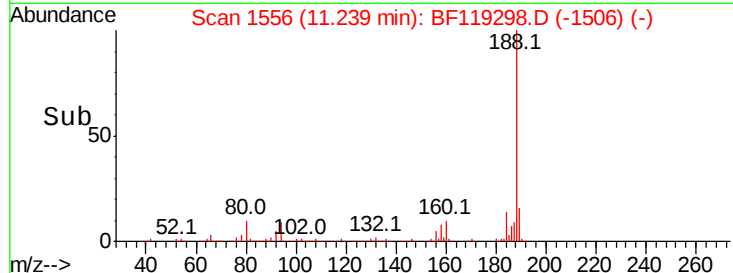
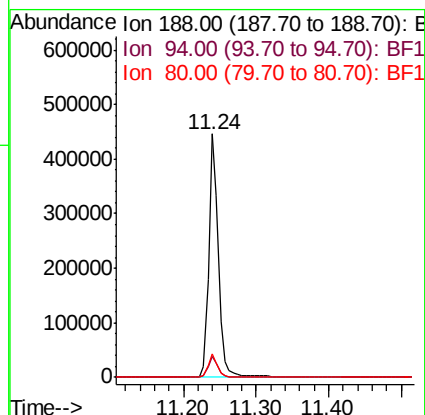
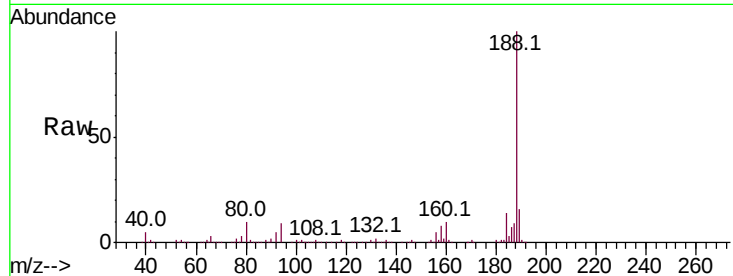




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

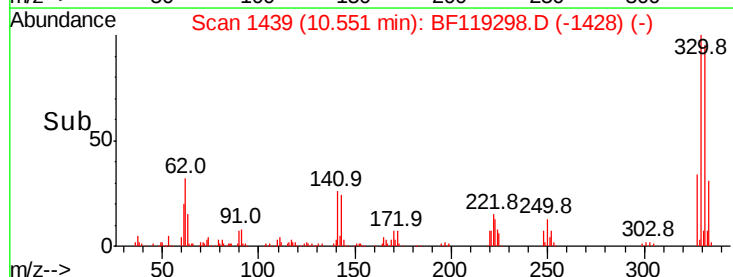
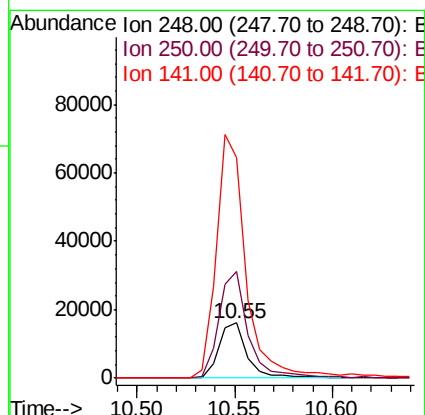
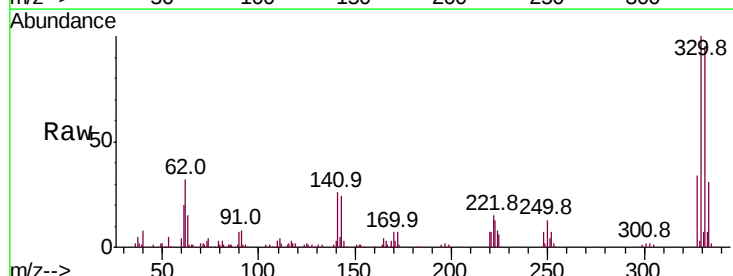
Instrument :
BNA_F
ClientSampleId :

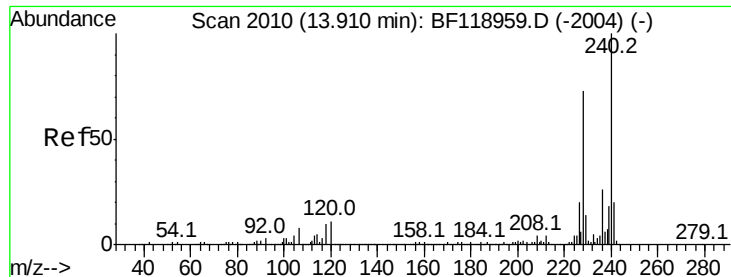
Tot Ion:188 Resp: 410972
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.5 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 3.029 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119298.D
Acq: 9 Mar 2020 22:27

Tgt Ion:248 Resp: 16270
Ion Ratio Lower Upper
248 100
250 193.3 76.7 115.1#
141 398.9 60.7 91.1#

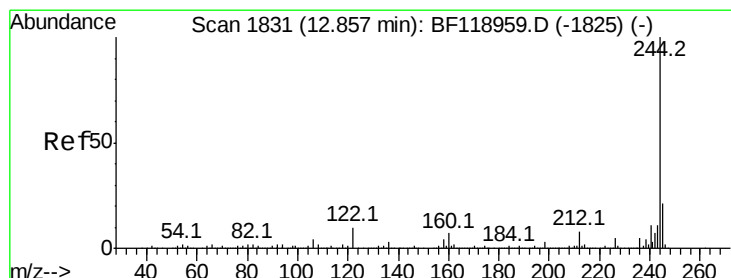
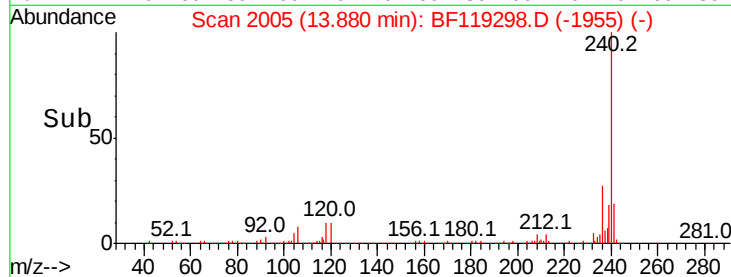
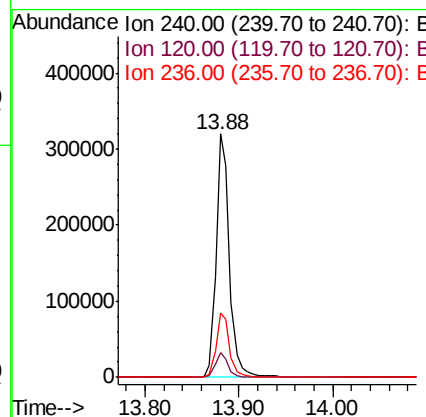
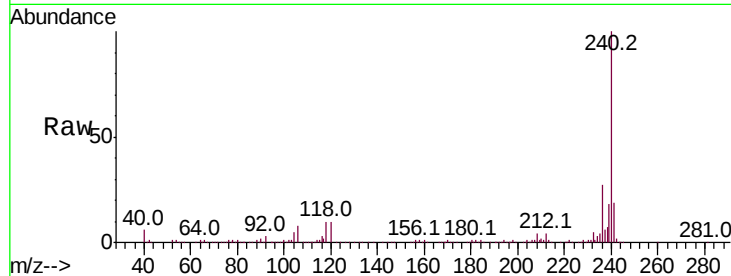




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119298.D
 Acq: 9 Mar 2020 22:27

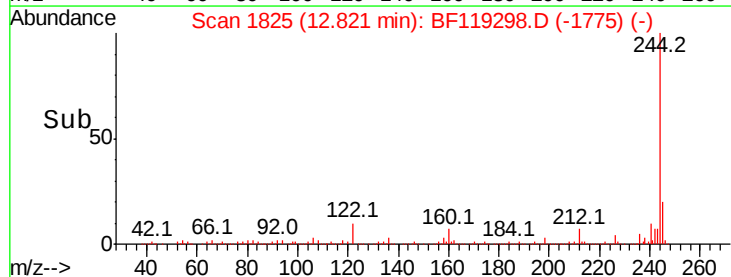
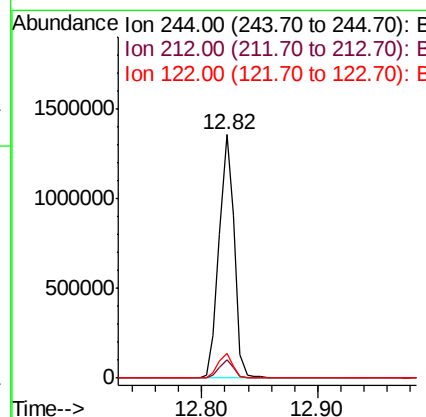
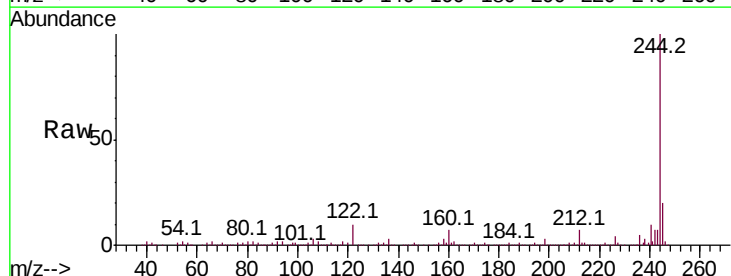
Instrument :
 BNA_F
 ClientSampleId :

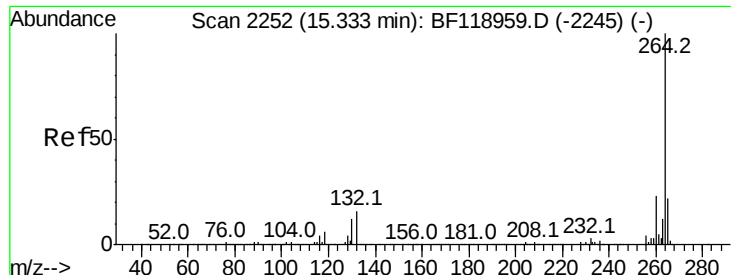
Tot Ion:240 Resp: 323009
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.4 12.6
 236 26.6 21.0 31.4



#79
 Terphenyl-d14
 Concen: 66.224 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119298.D
 Acq: 9 Mar 2020 22:27

Tgt Ion:244 Resp: 1242446
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.6 10.0
 122 10.0 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF119298.D
 Acq: 9 Mar 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 296420
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.1 17.7 26.5

