

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119299.D
 Acq On : 9 Mar 2020 22:56
 Operator : CG/JU
 Sample : L1844-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 00:58:58 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

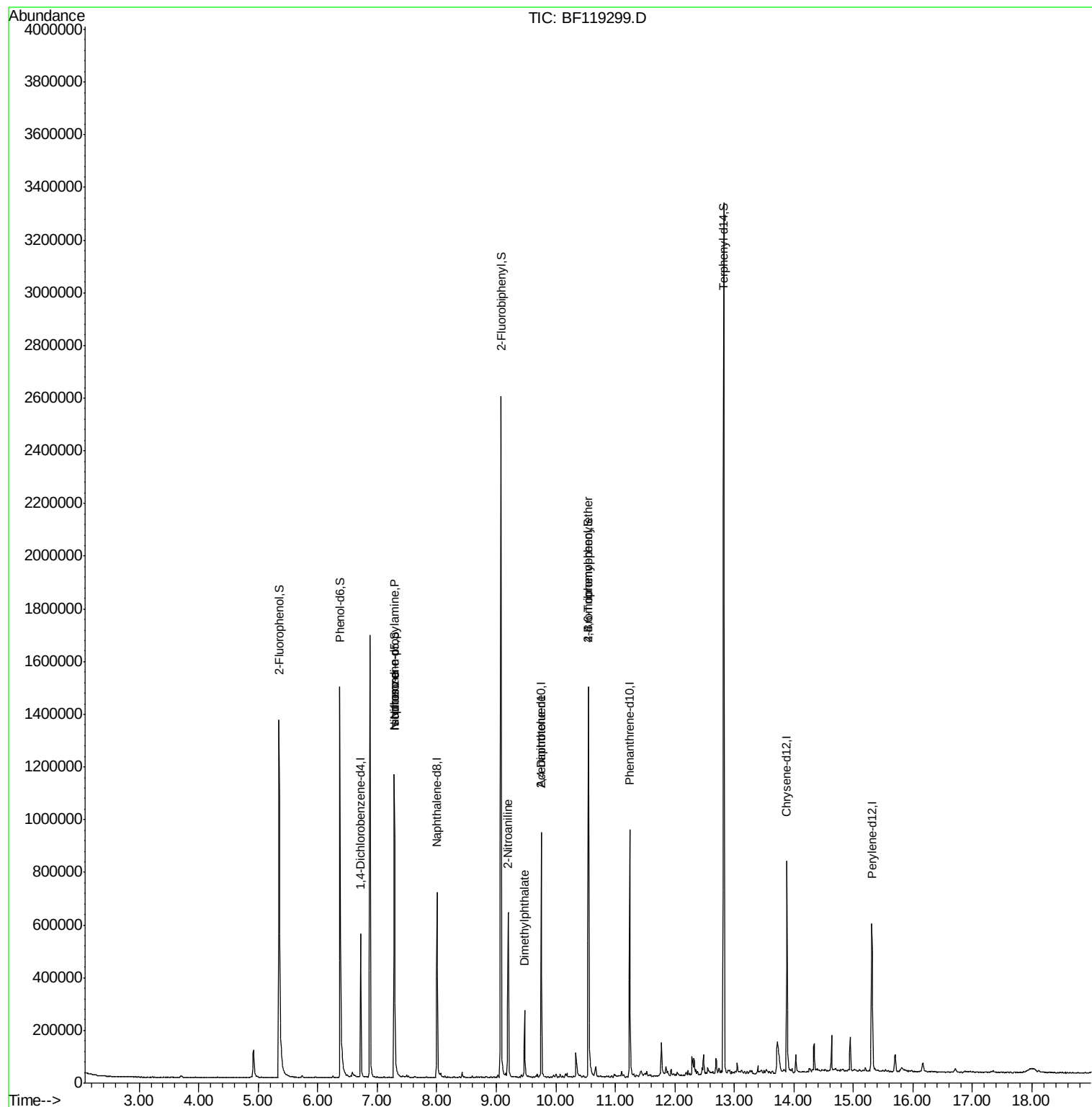
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	88247	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	338141	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	190743	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	361663	20.00	ng	0.00
76) Chrysene-d12	13.88	240	272974	20.00	ng	0.00
87) Perylene-d12	15.31	264	255017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	523091	99.06	ng	0.00
7) Phenol-d6	6.37	99	651178	101.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	419435	65.49	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	228749	91.67	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	876644	67.71	ng	0.00
79) Terphenyl-d14	12.82	244	1139844	71.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	59886	16.003	ng	# 74
25) Isophorone	7.29	82	419435	37.712	ng	# 63
48) 2-Nitroaniline	9.20	65	7773	2.243	ng	# 9
50) Dimethylphthalate	9.47	163	106437	7.297	ng	99
57) 2,4-Dinitrotoluene	9.76	165	24118	5.742	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	14859	3.143	ng	# 1

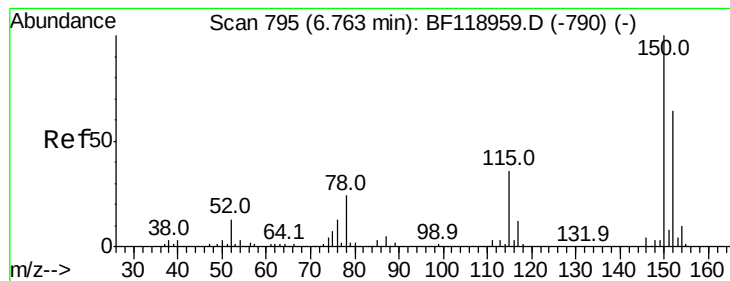
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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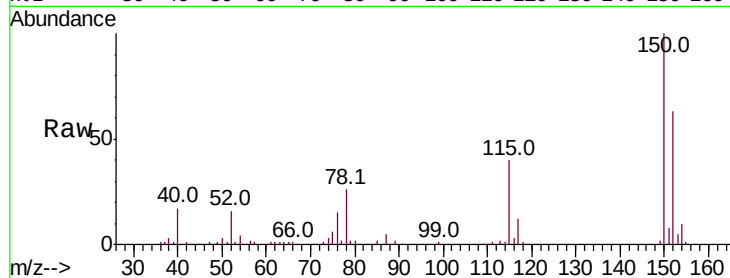


#1

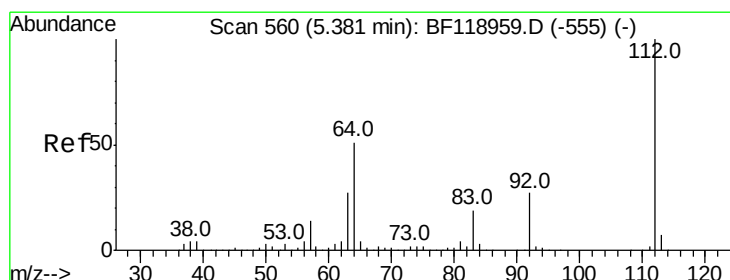
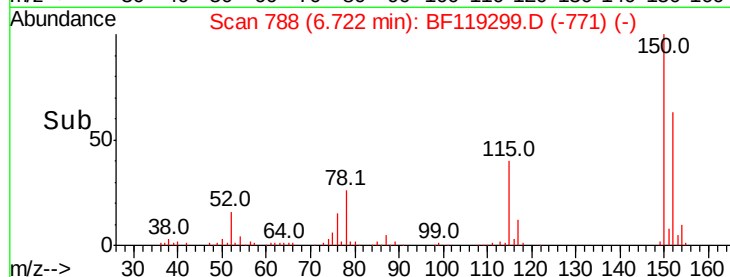
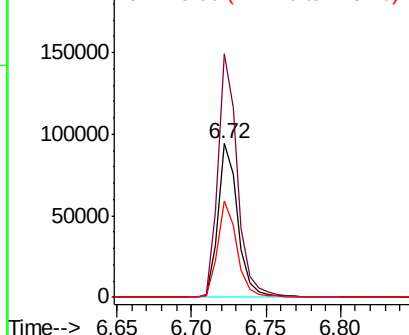
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88247
Ion Ratio Lower Upper
152 100
150 158.7 123.0 184.6
115 63.0 49.5 74.3



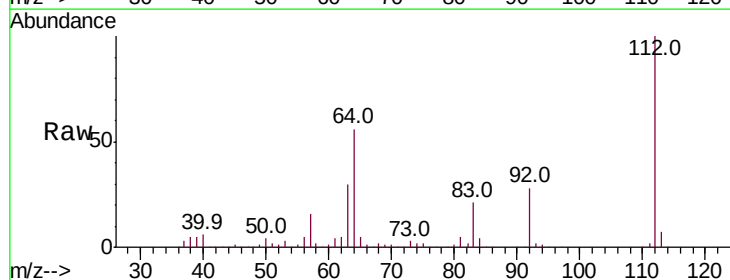
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



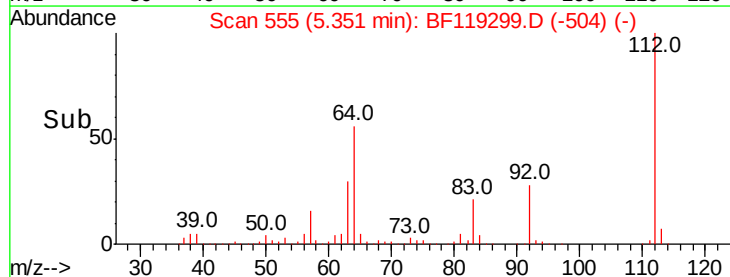
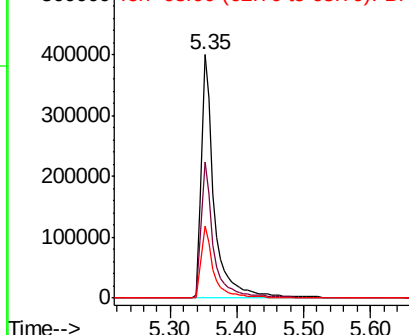
#5

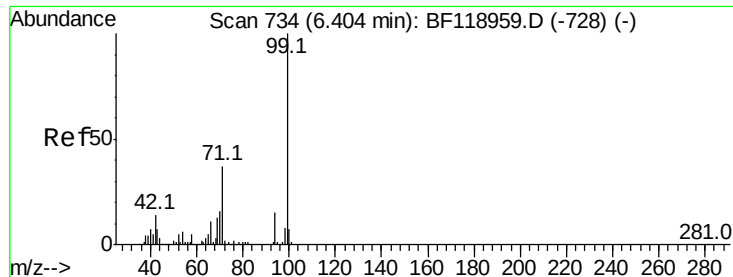
2-Fluorophenol
Concen: 99.060 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Tgt Ion:112 Resp: 523091
Ion Ratio Lower Upper
112 100
64 55.8 45.0 67.4
63 29.7 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: 101.397 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Instrument :

BNA_F

ClientSampleId :

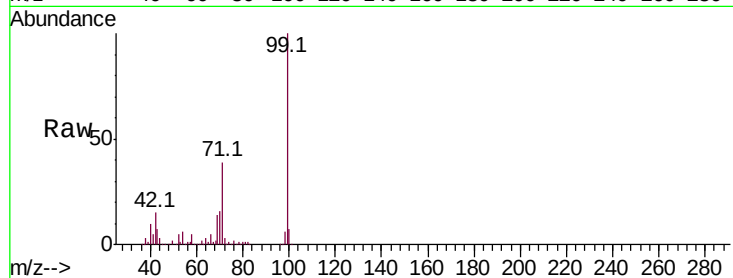
Tot Ion: 99 Resp: 651178

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

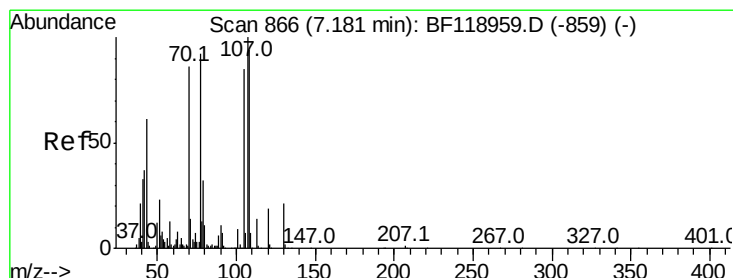
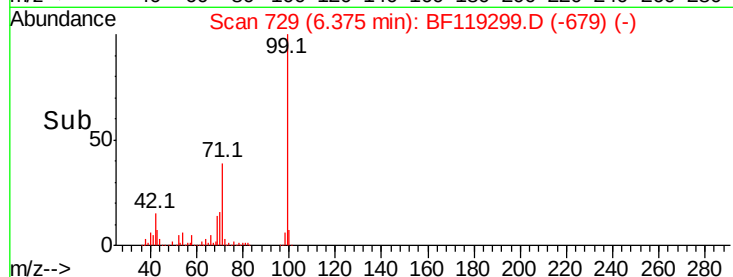
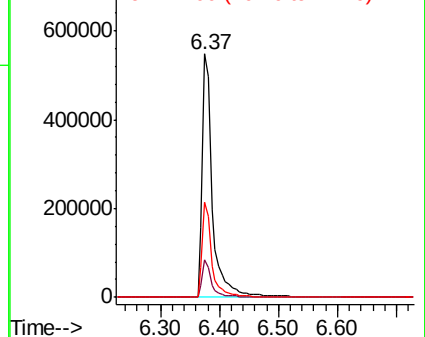
71 38.8 31.0 46.4



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: 16.003 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Tgt Ion: 70 Resp: 59886

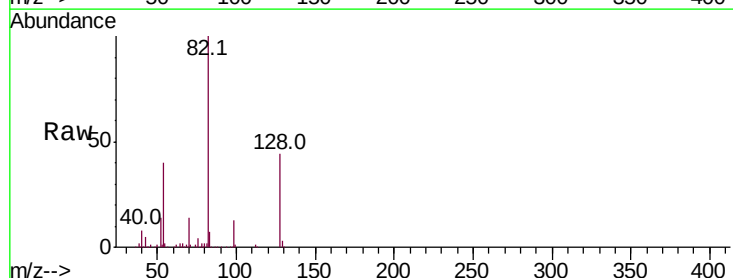
Ion Ratio Lower Upper

70 100

42 36.1 38.0 57.0#

101 0.0 8.2 12.4#

130 1.8 18.2 27.4#

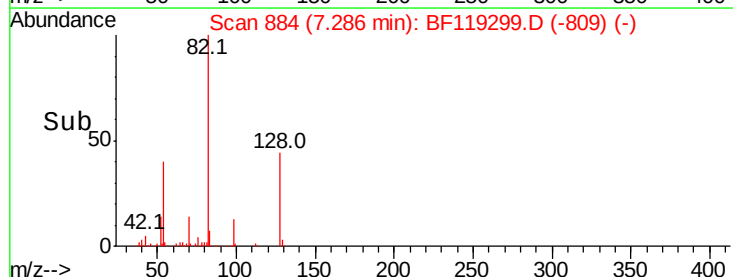
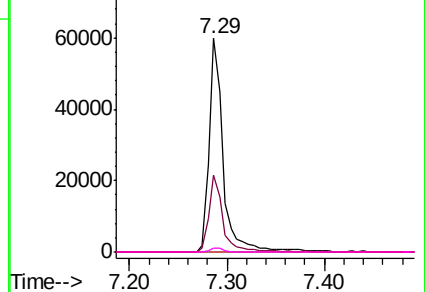


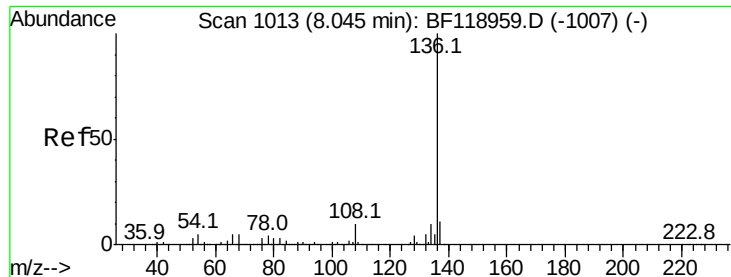
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

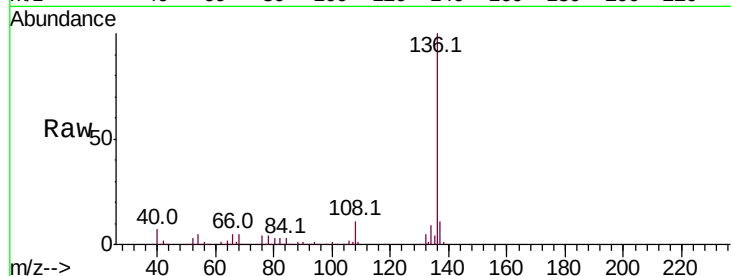




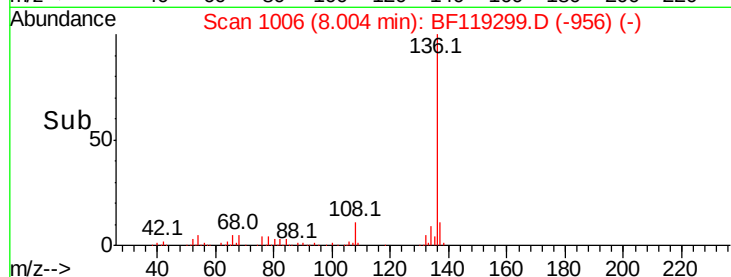
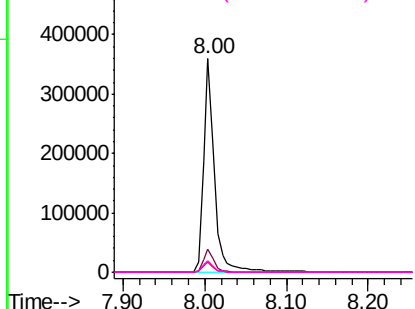
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 338141
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 4.7	3.8 5.6
68 5.2	3.9 5.9

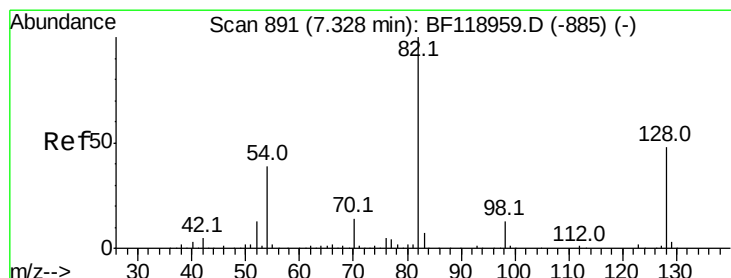


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

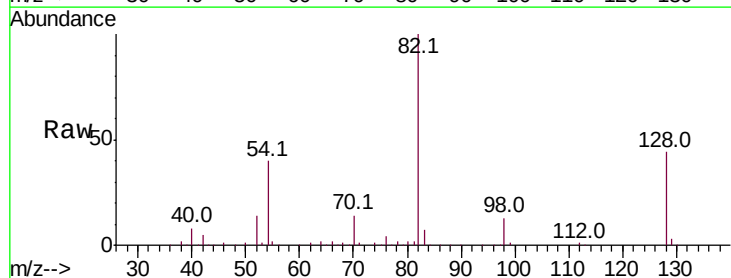
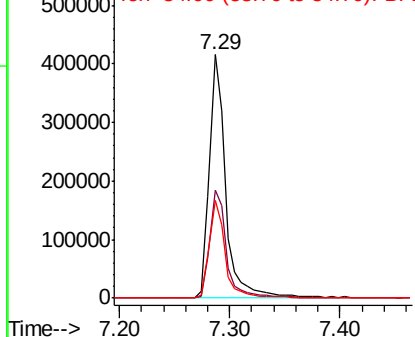


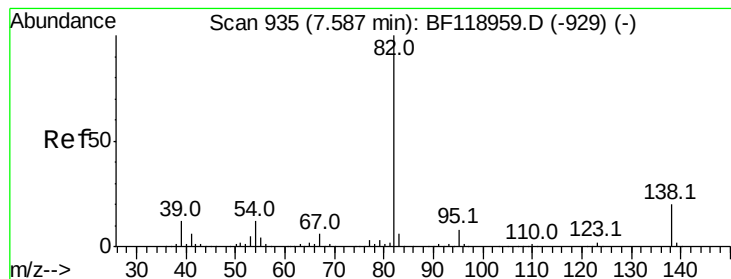
#23
Nitrobenzene-d5
Concen: 65.494 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Tgt Ion: 82	Resp: 419435
Ion Ratio	Lower Upper
82 100	
128 44.2	37.9 56.9
54 40.0	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: 37.712 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Instrument :

BNA_F

ClientSampled :

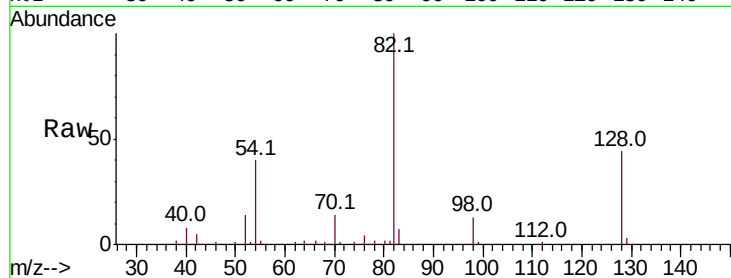
Tot Ion: 82 Resp: 419435

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

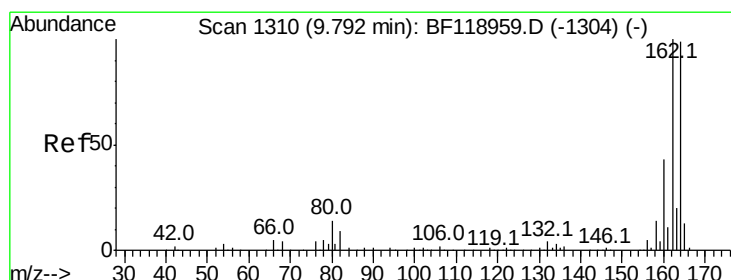
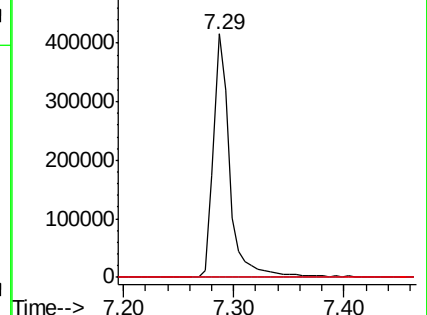
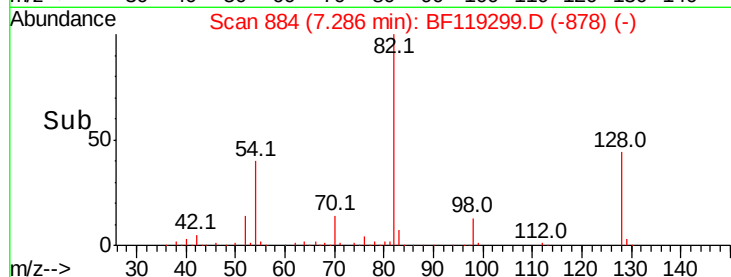
138 0.0 15.7 23.5#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

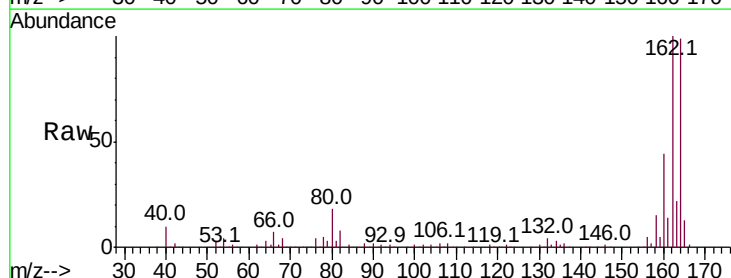
Tgt Ion: 164 Resp: 190743

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

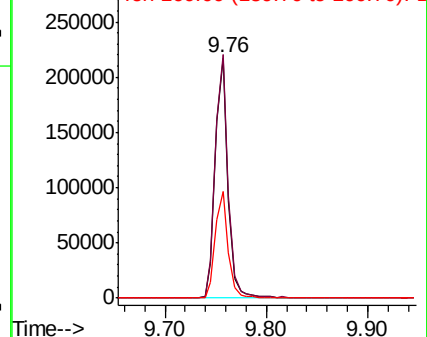
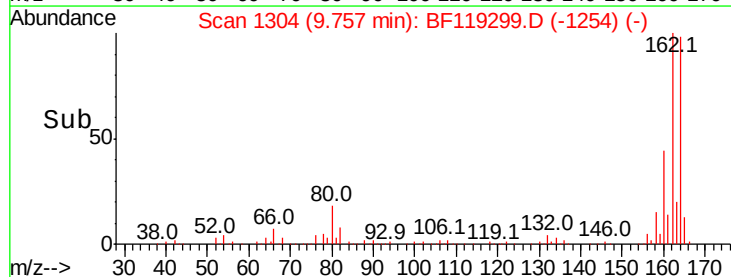
160 44.4 36.0 54.0

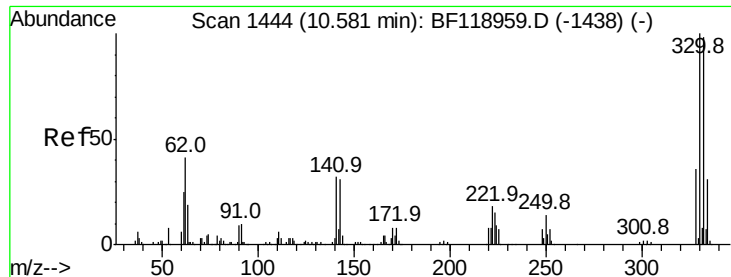


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 91.674 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Instrument :

BNA_F

ClientSampled :

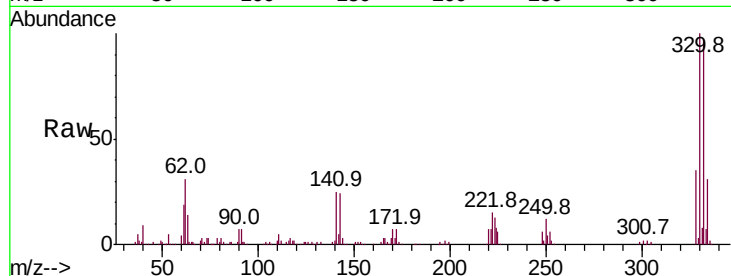
Tot Ion:330 Resp: 228749

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

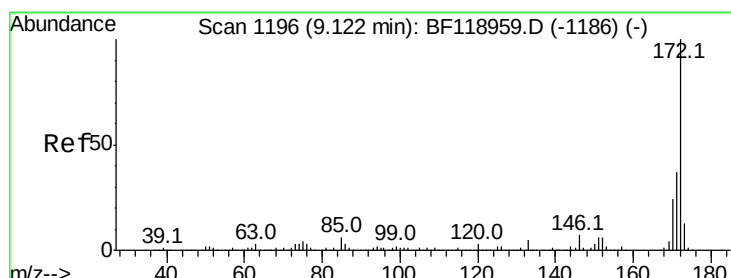
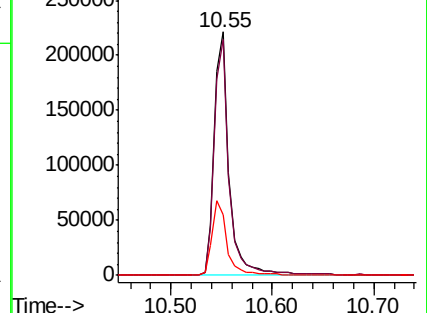
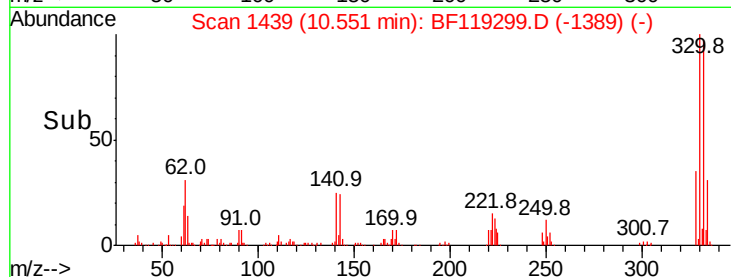
141 31.3 22.9 34.3



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: 67.706 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

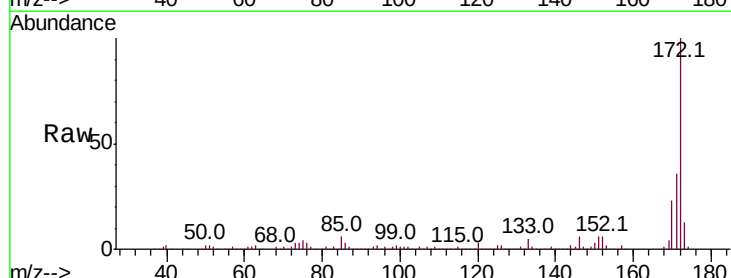
Tgt Ion:172 Resp: 876644

Ion Ratio Lower Upper

172 100

171 35.8 30.6 45.8

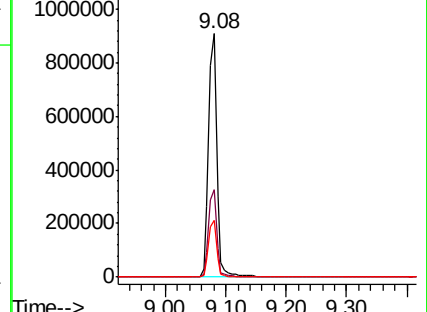
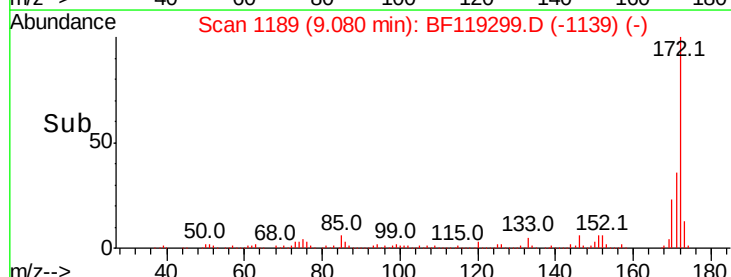
170 23.2 20.2 30.2

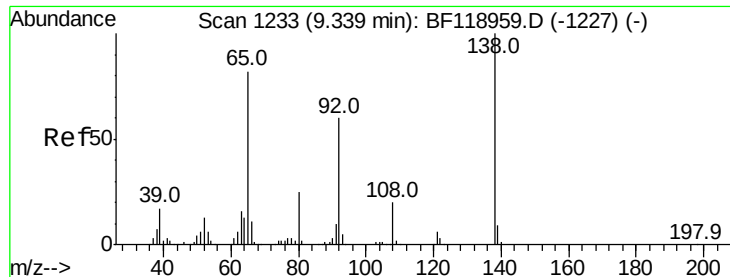


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

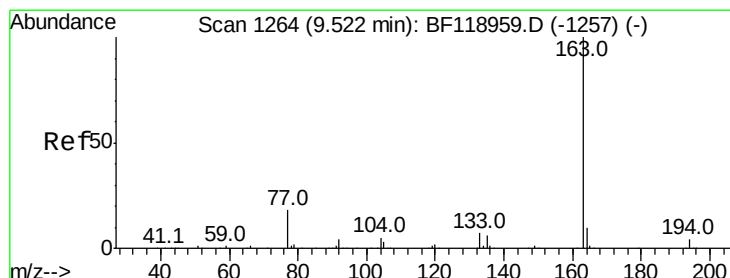
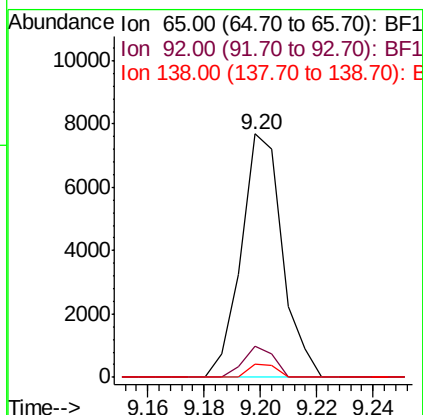
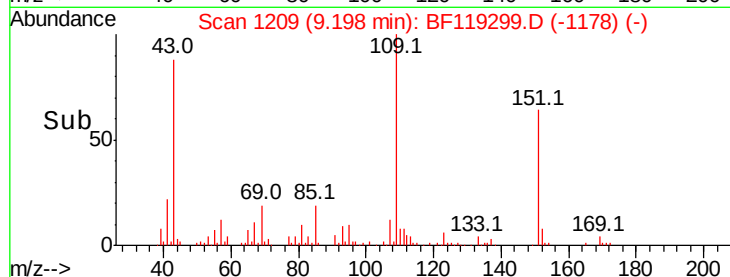
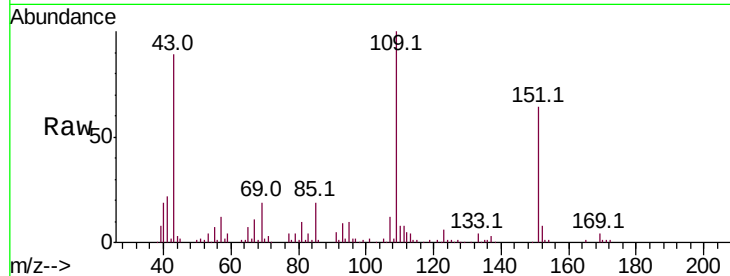




#48
2-Nitroaniline
Concen: 2.243 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.12 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

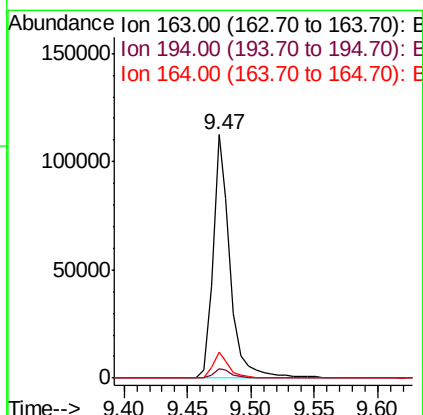
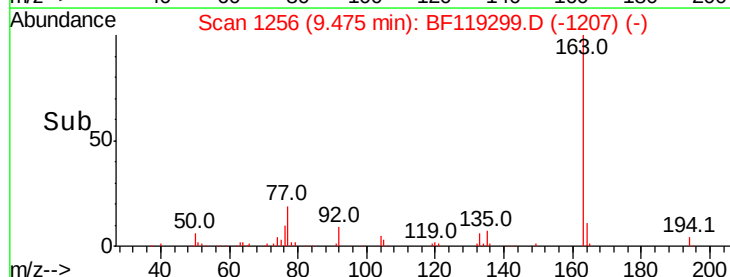
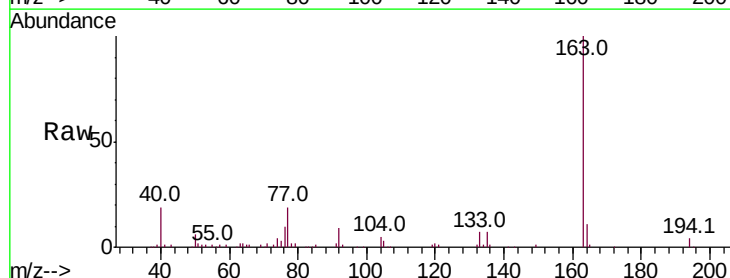
Instrument :
BNA_F
ClientSampled :

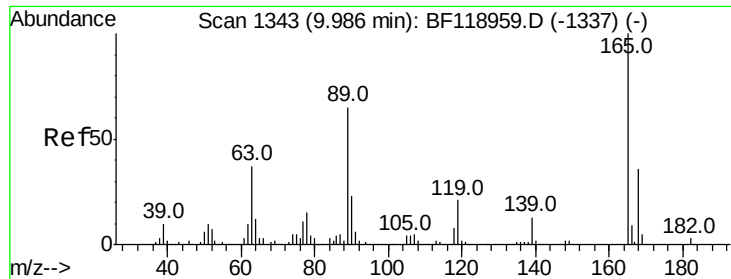
Tot Ion: 65 Resp: 7773
Ion Ratio Lower Upper
65 100
92 12.7 58.2 87.2#
138 5.3 95.6 143.4#



#50
Dimethylphthalate
Concen: 7.297 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Tgt Ion:163 Resp: 106437
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.9 8.4 12.6

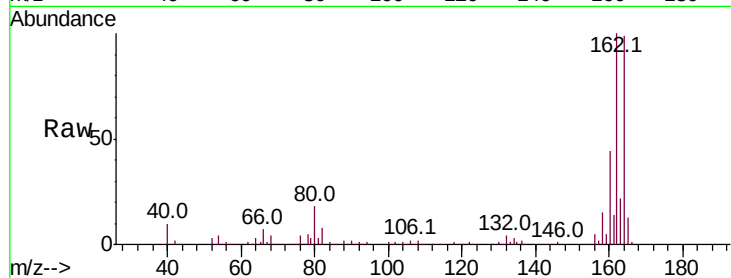




#57
2,4-Dinitrotoluene
Concen: 5.742 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#



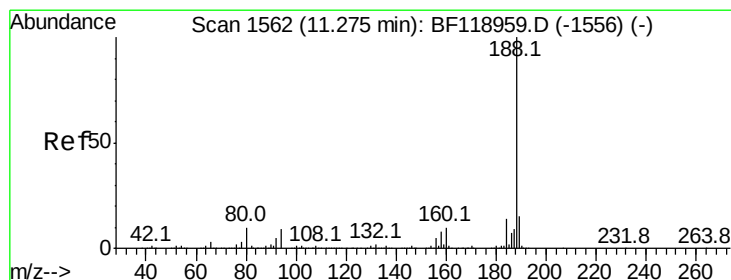
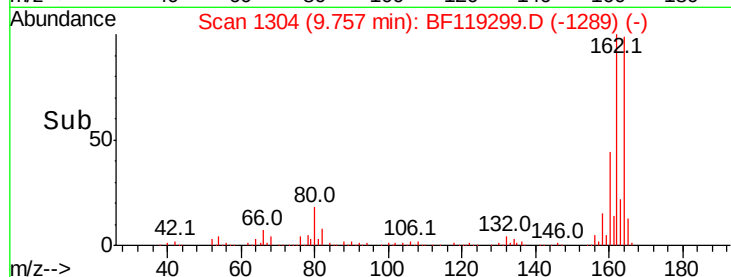
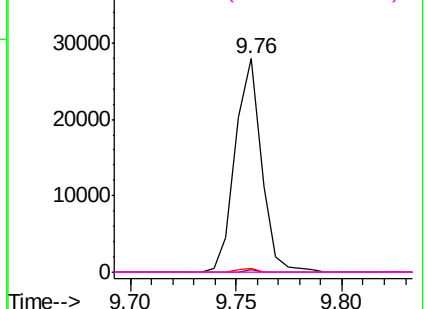
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

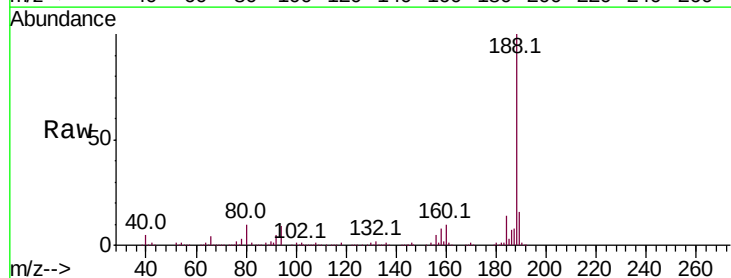
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119299.D
Acq: 9 Mar 2020 22:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.9	7.8	11.8

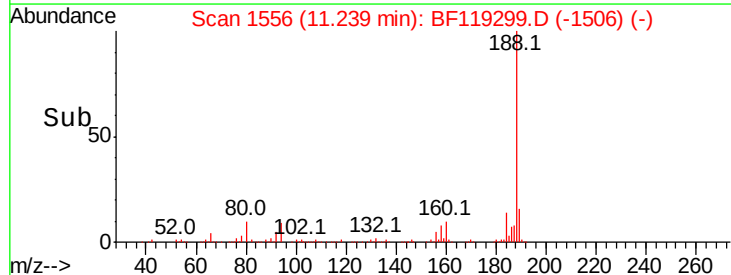
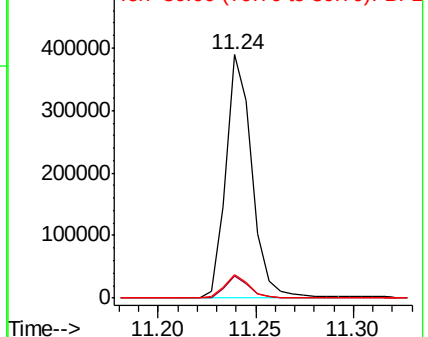


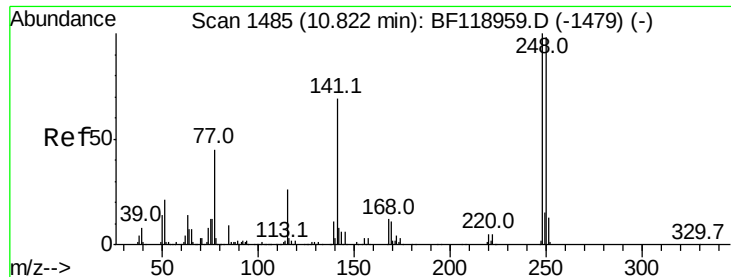
Abundance

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: 3.143 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Instrument :

BNA_F

ClientSampleId :

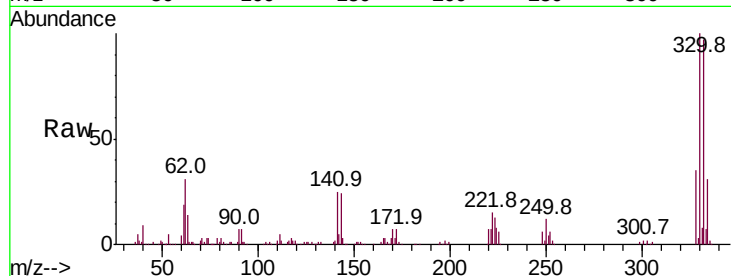
Tot Ion:248 Resp: 14859

Ion Ratio Lower Upper

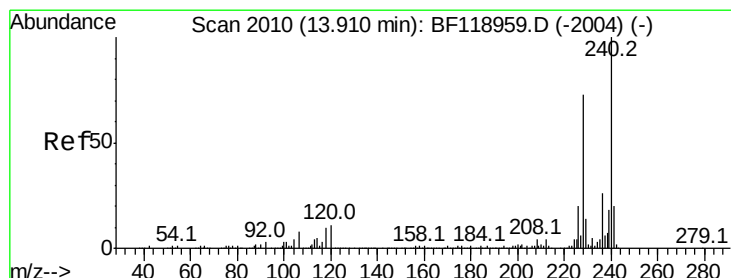
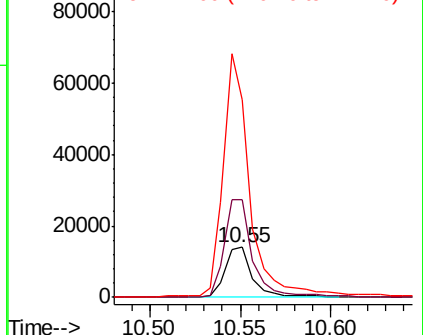
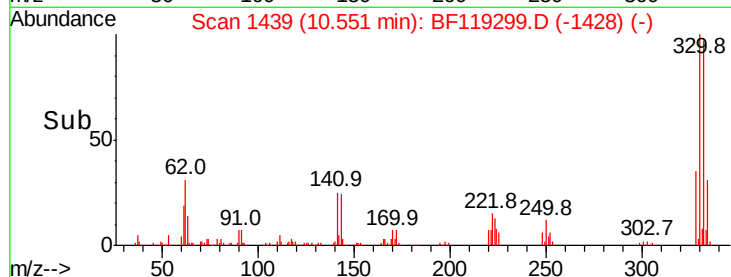
248 100

250 196.0 76.7 115.1#

141 396.1 60.7 91.1#



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: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

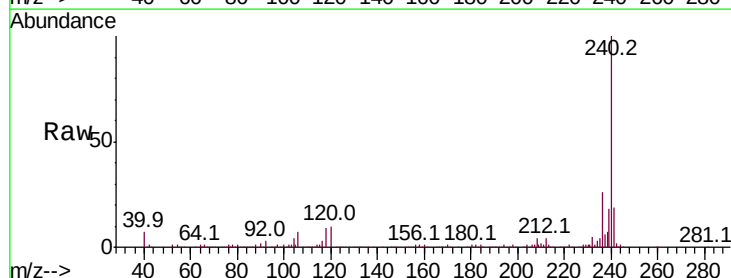
Tgt Ion:240 Resp: 272974

Ion Ratio Lower Upper

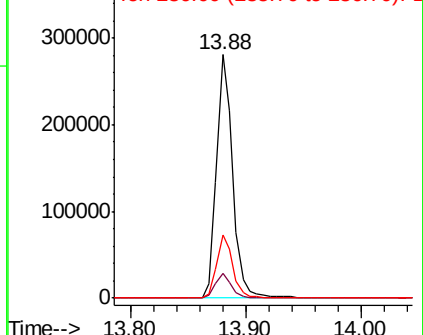
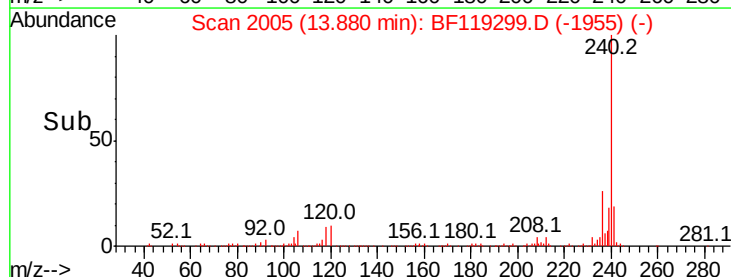
240 100

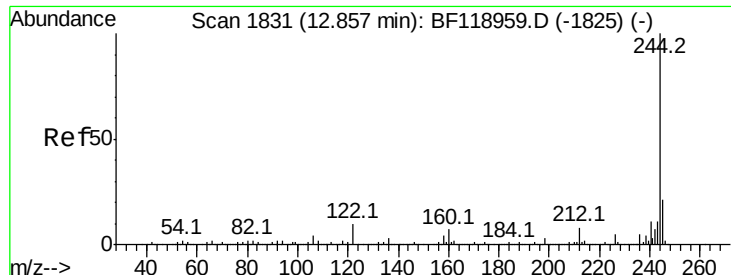
120 10.1 8.4 12.6

236 26.1 21.0 31.4



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: 71.891 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

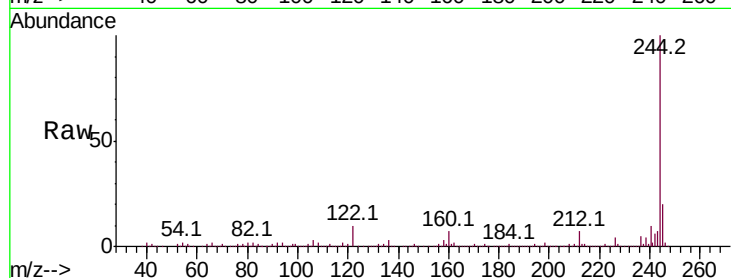
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1139844

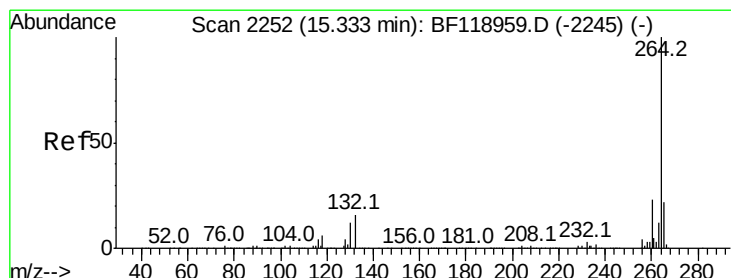
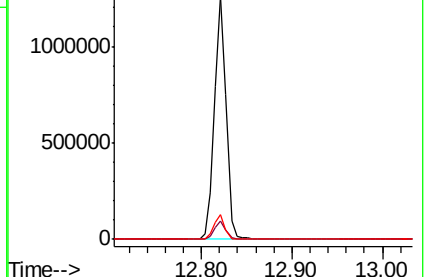
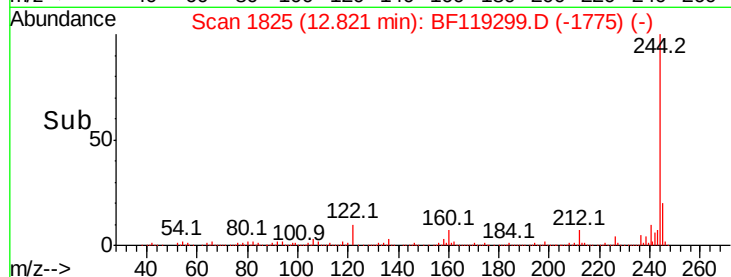
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	10.0	8.2	12.2



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: 15.31 min Scan# 2248

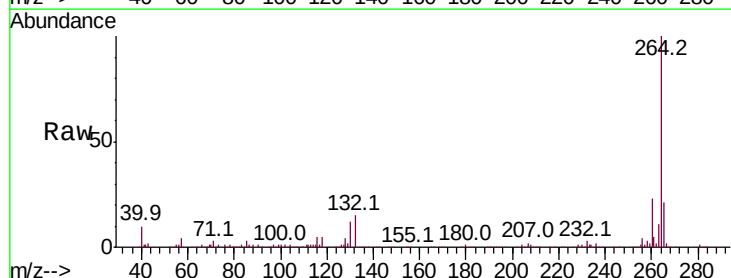
Delta R.T. 0.00 min

Lab File: BF119299.D

Acq: 9 Mar 2020 22:56

Tgt Ion:264 Resp: 255017

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	17.7	26.5



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

