

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119402.D
 Acq On : 13 Mar 2020 1:51
 Operator : CG/JU
 Sample : L1859-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 04:26:52 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

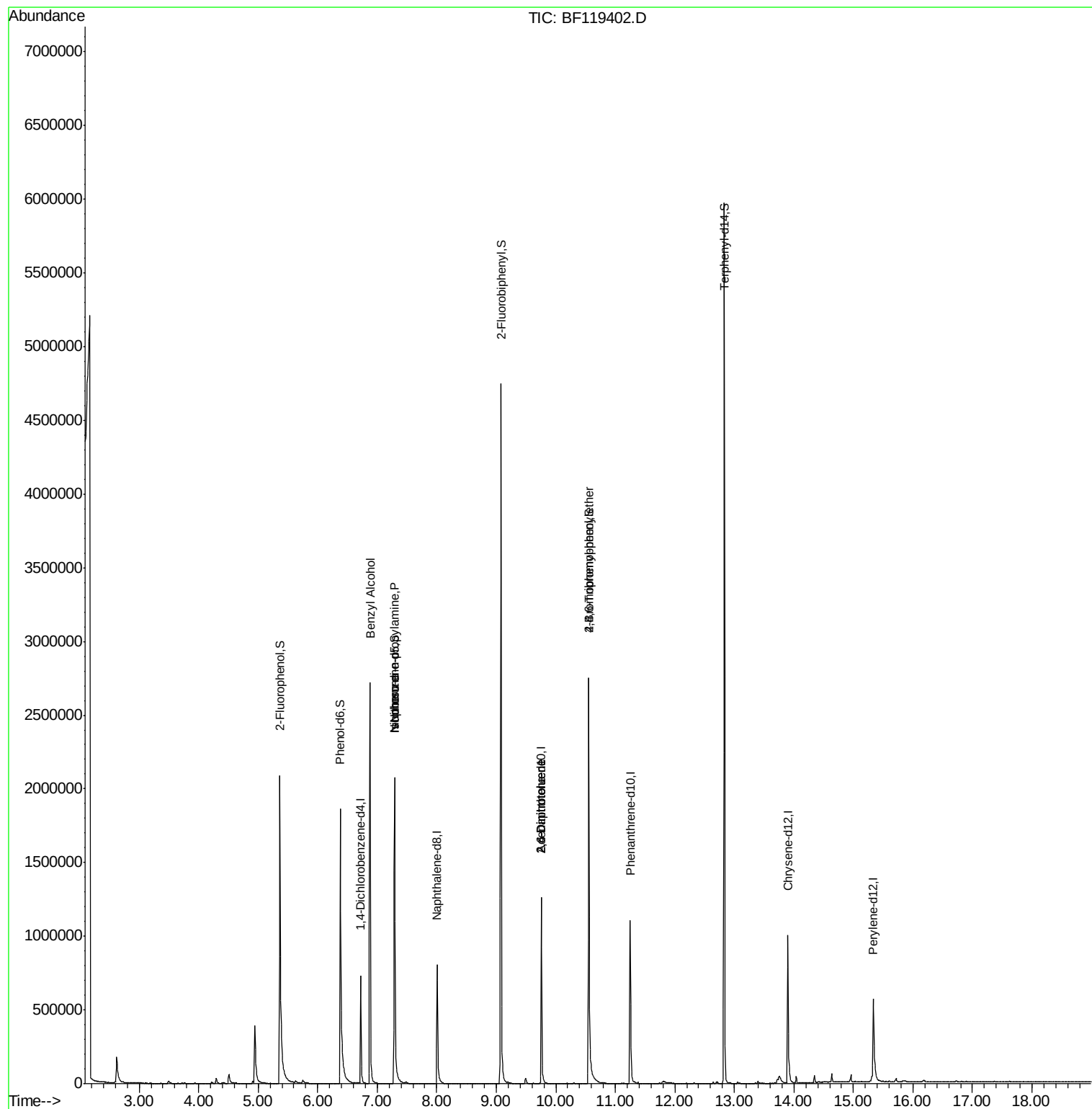
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128042	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	493629	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	279327	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	545127	20.00	ng	0.00
76) Chrysene-d12	13.90	240	432561	20.00	ng	0.01
87) Perylene-d12	15.33	264	391102	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	891494	116.36	ng	0.01
7) Phenol-d6	6.38	99	976143	104.76	ng	0.00
23) Nitrobenzene-d5	7.29	82	837639	89.60	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	482246	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1622923	85.59	ng	0.00
79) Terphenyl-d14	12.83	244	2201009	87.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	13611	2.021	ng	# 50
19) n-Nitroso-di-n-propylamine	7.29	70	116908	21.531	ng	# 76
25) Isophorone	7.29	82	837639	51.590	ng	# 63
51) 2,6-Dinitrotoluene	9.76	165	34833	7.340	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	34834	5.663	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	32261	4.528	ng	# 1

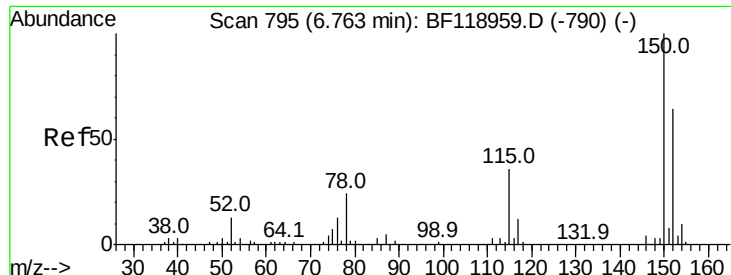
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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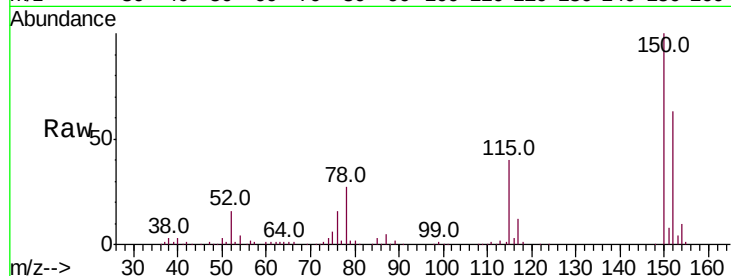


#1

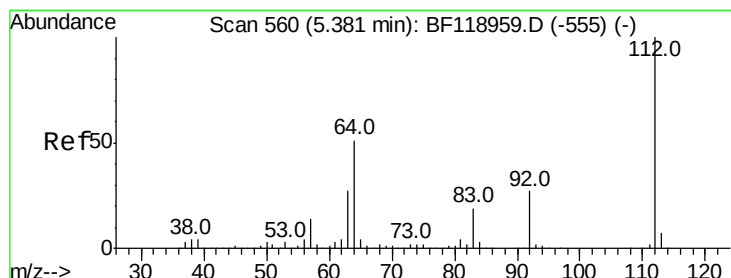
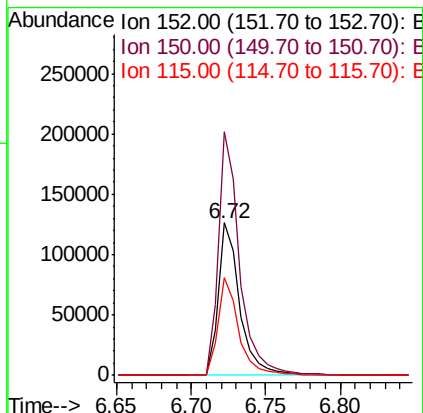
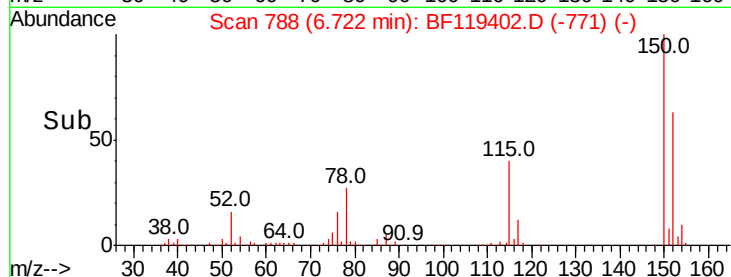
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128042
Ion Ratio Lower Upper
152 100
150 159.6 123.0 184.6
115 64.0 49.5 74.3



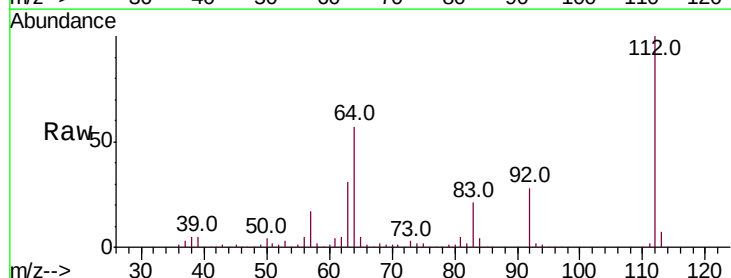
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



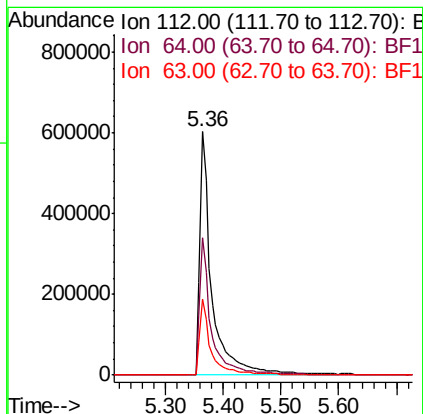
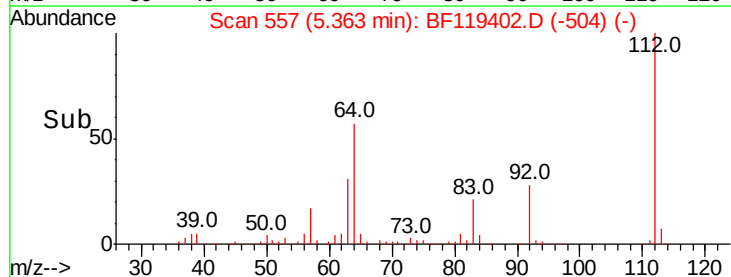
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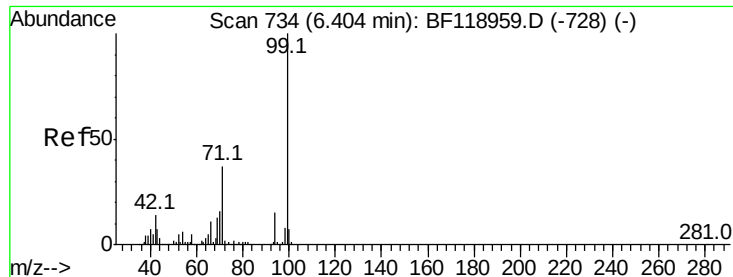
2-Fluorophenol
Concen: 116.356 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Tgt Ion:112 Resp: 891494
Ion Ratio Lower Upper
112 100
64 56.5 45.0 67.4
63 31.2 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: 104.757 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

Instrument :

BNA_F

ClientSampleId :

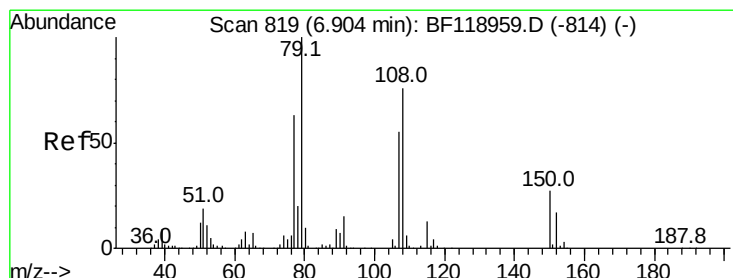
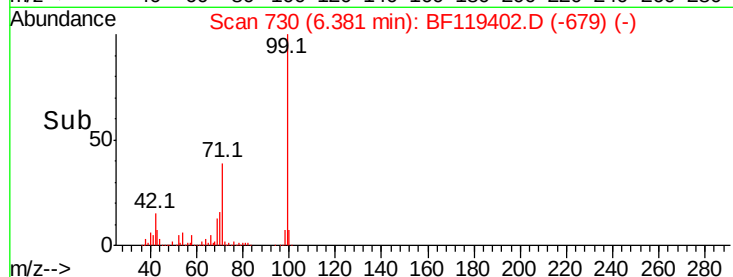
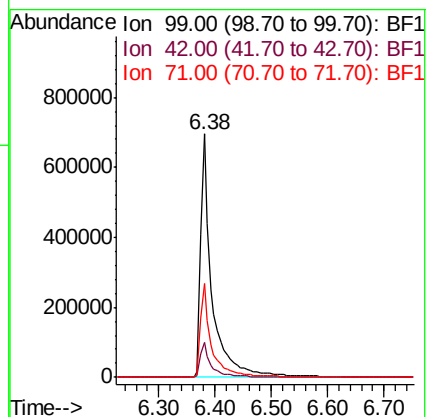
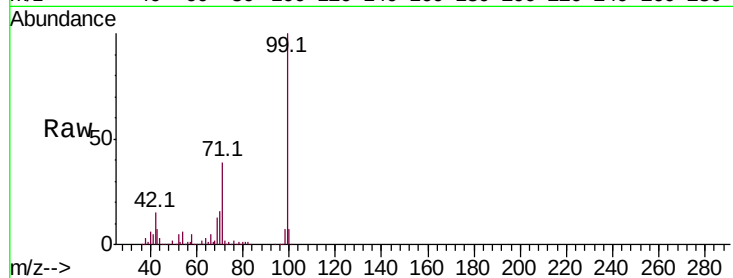
Tot Ion: 99 Resp: 976143

Ion Ratio Lower Upper

99 100

42 14.6 12.6 18.8

71 38.8 31.0 46.4



#15

Benzyl Alcohol

Concen: 2.021 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119402.D

Acq: 13 Mar 2020 1:51

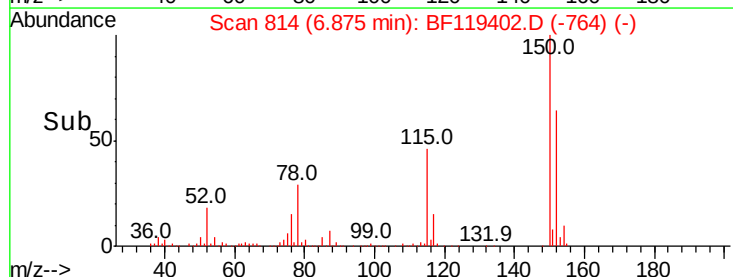
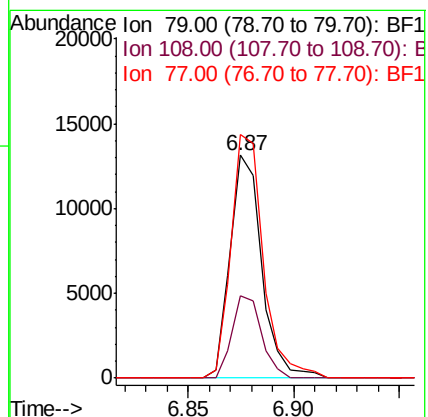
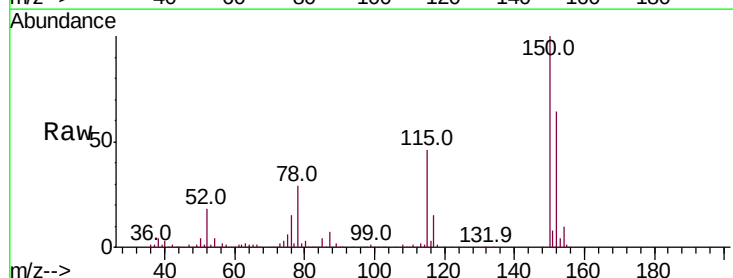
Tgt Ion: 79 Resp: 13611

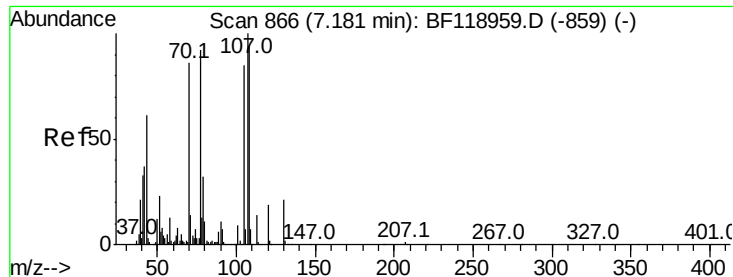
Ion Ratio Lower Upper

79 100

108 37.2 58.2 87.2#

77 109.3 51.2 76.8#

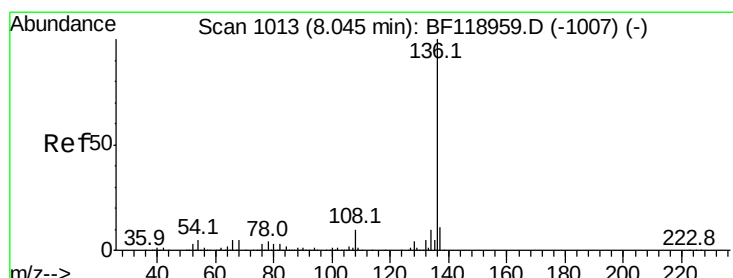
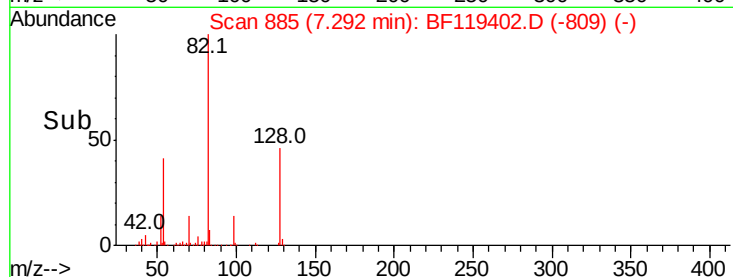
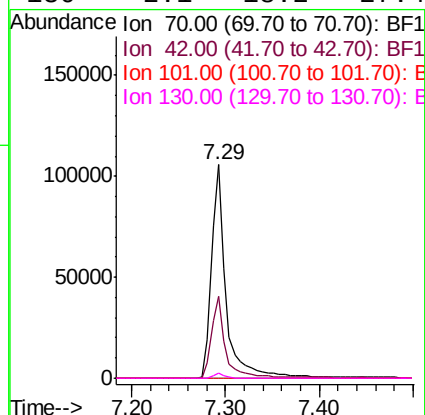
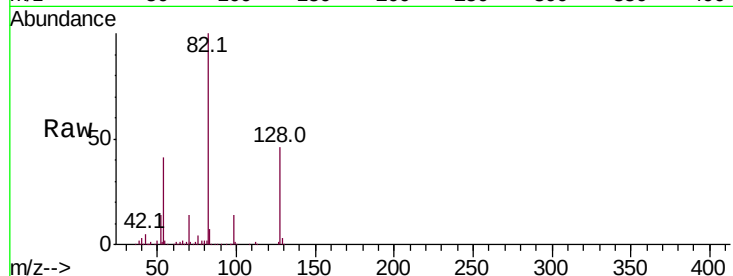




#19
n-Nitroso-di-n-propylamine
Concen: 21.531 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

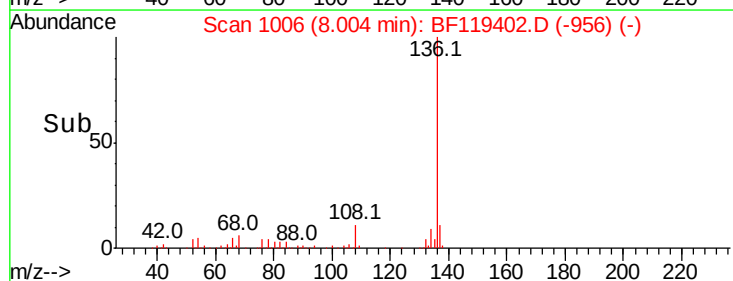
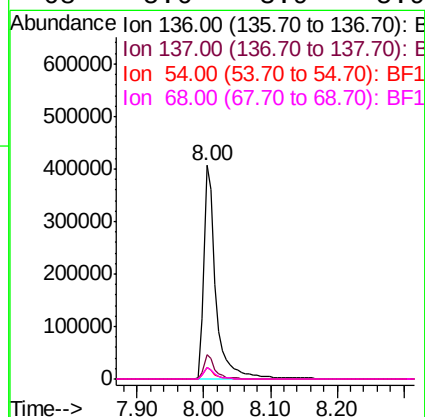
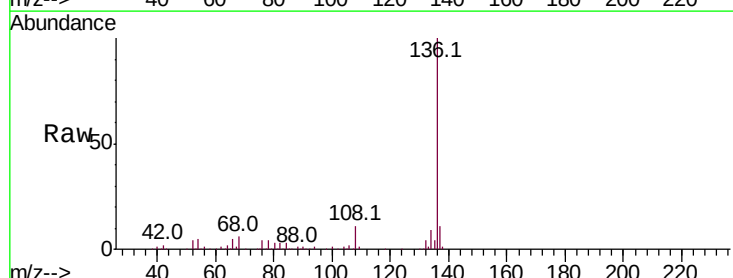
Instrument :
BNA_F
ClientSampleId :

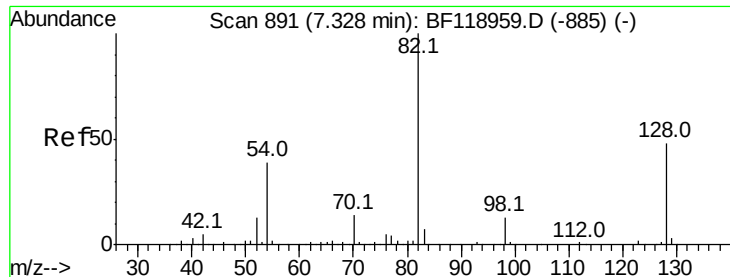
Tot Ion: 70 Resp: 116908
Ion Ratio Lower Upper
70 100
42 38.2 38.0 57.0
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Tgt Ion: 136 Resp: 493629
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.4 3.8 5.6
68 5.6 3.9 5.9

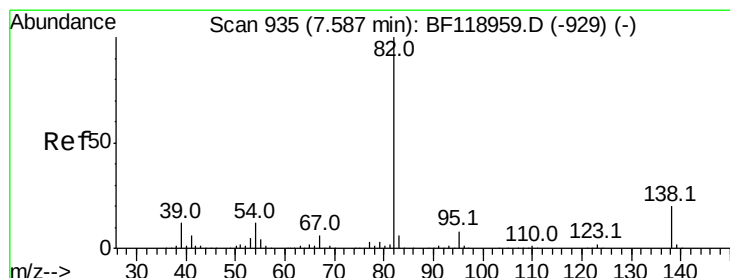
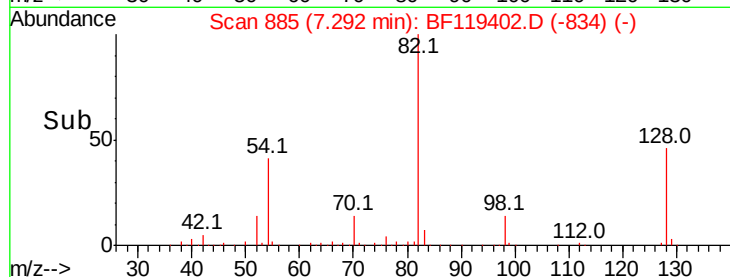
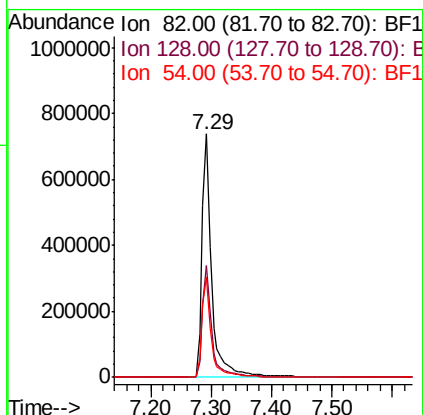
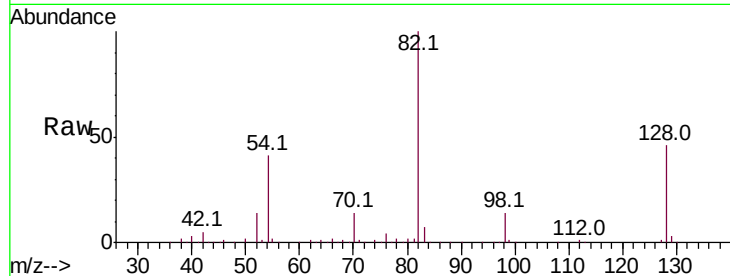




#23
 Nitrobenzene-d5
 Concen: 89.596 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

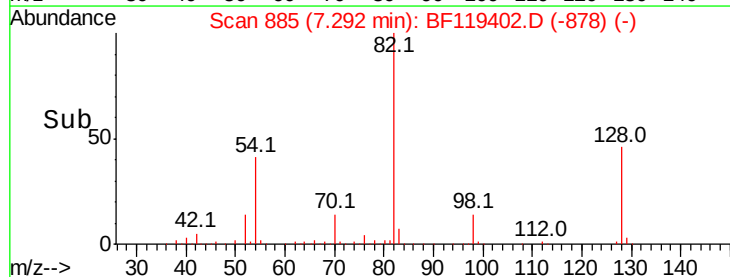
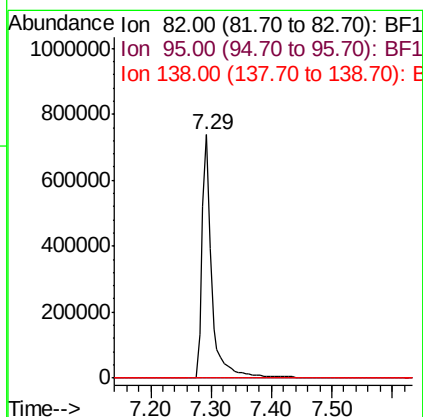
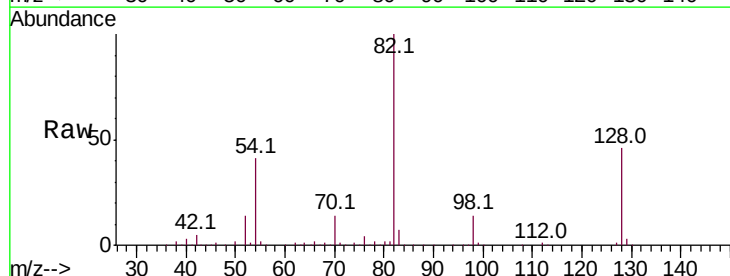
Instrument :
 BNA_F
 ClientSampleId :

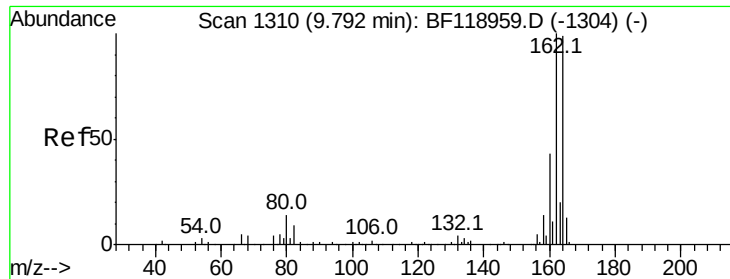
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.9	56.9
54	41.0	33.4	50.2



#25
 Isophorone
 Concen: 51.590 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

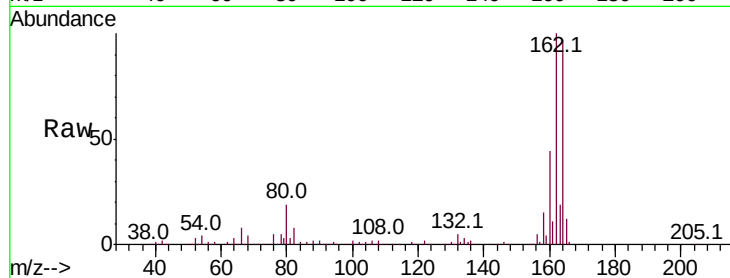




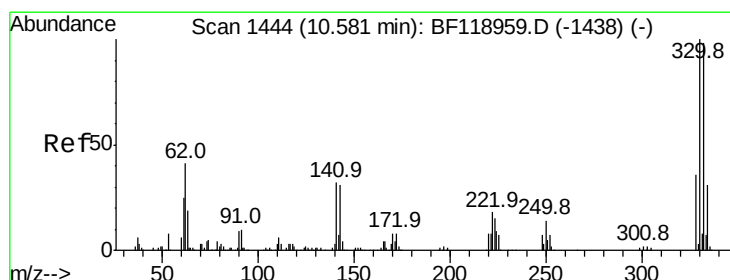
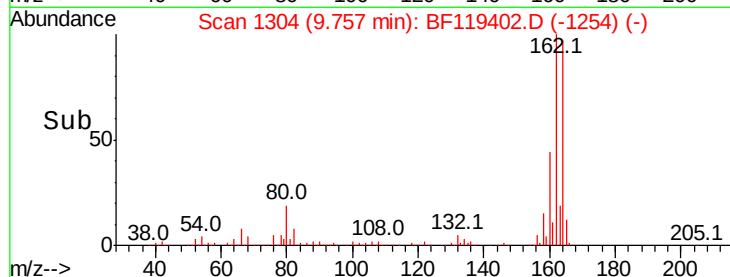
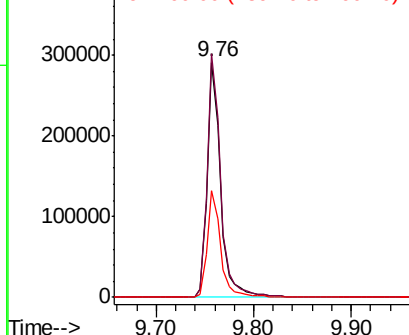
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 279327
 Ion Ratio Lower Upper
 164 100
 162 103.5 81.8 122.8
 160 45.5 36.0 54.0

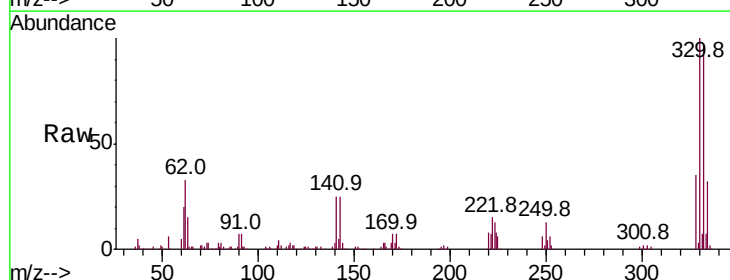


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

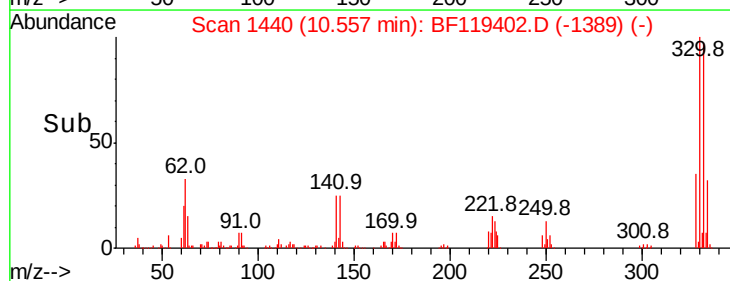
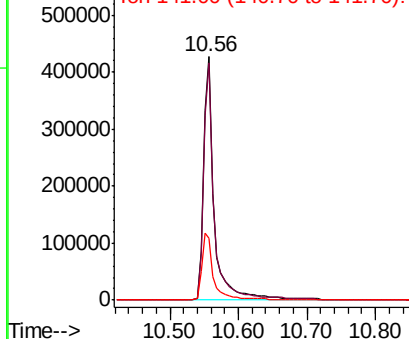


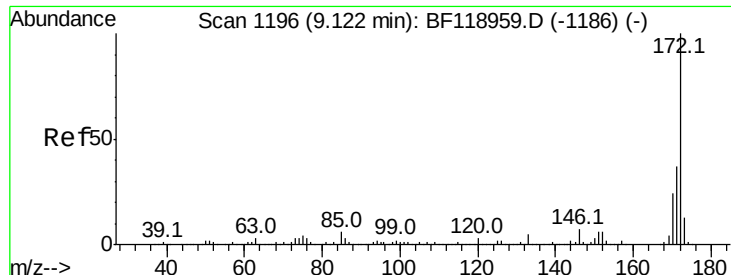
#42
 2,4,6-Tribromophenol
 Concen: 131.975 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion:330 Resp: 482246
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.0 114.0
 141 30.4 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



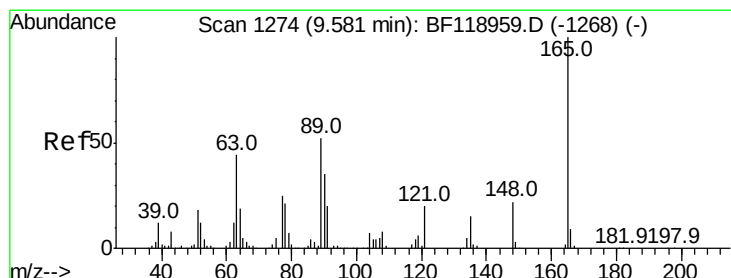
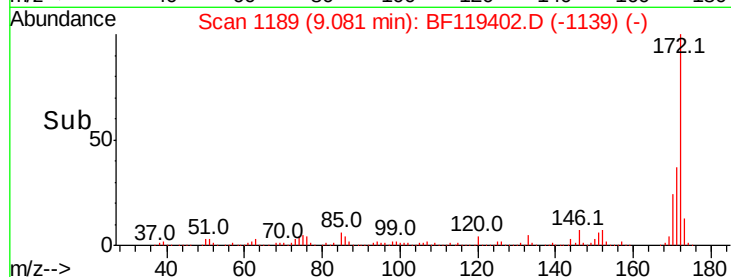
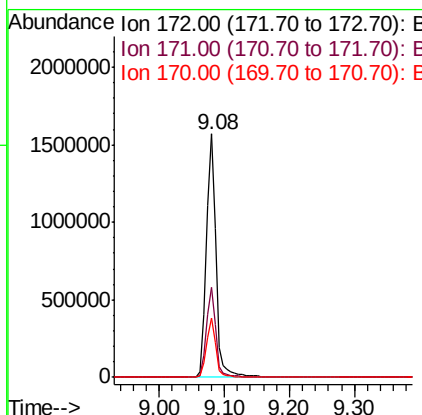
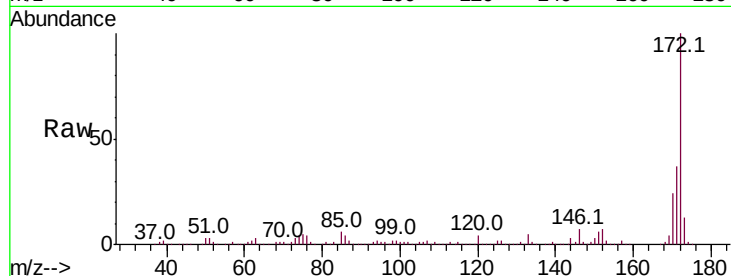


#45
 2-Fluorobiphenyl
 Concen: 85.593 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1622923

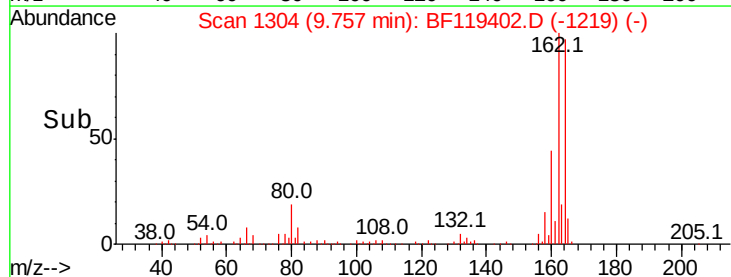
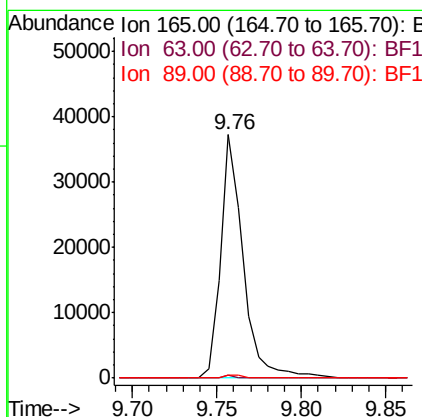
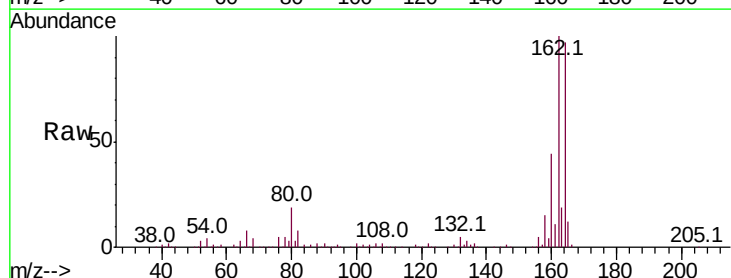
Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.4	20.2	30.2

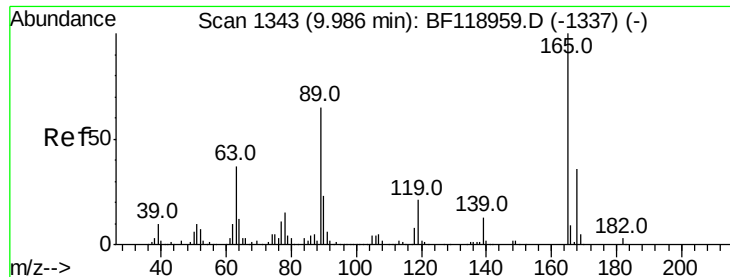


#51
 2,6-Dinitrotoluene
 Concen: 7.340 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion:165 Resp: 34833

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.5	38.3	57.5#

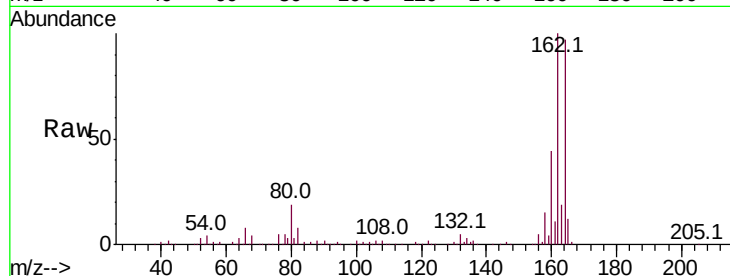




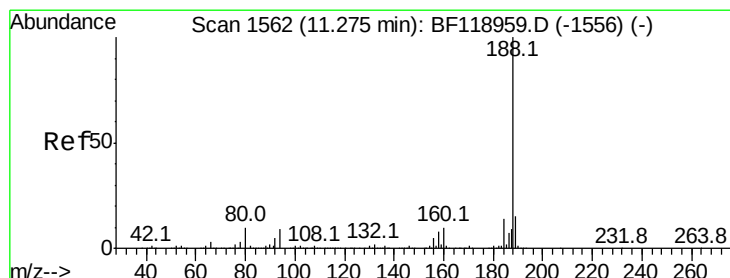
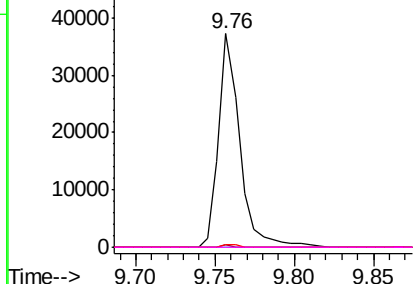
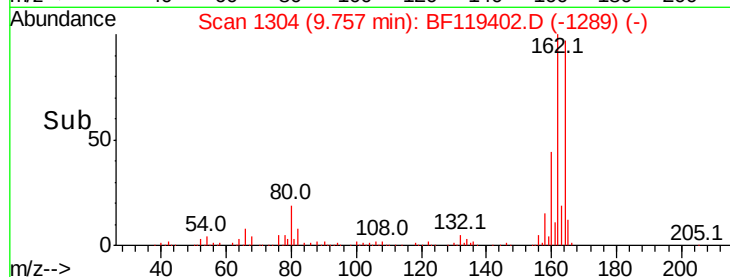
#57
 2,4-Dinitrotoluene
 Concen: 5.663 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 34834
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.3 63.5#
 89 1.5 60.2 90.4#
 182 0.0 2.3 3.5#

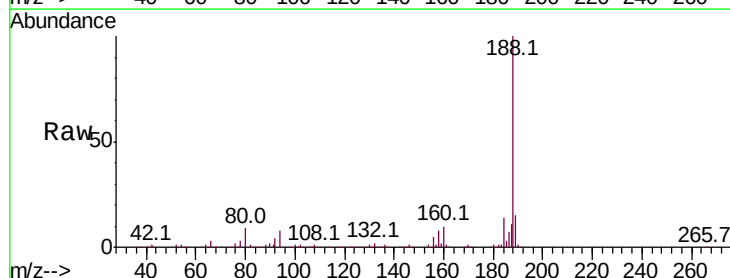


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

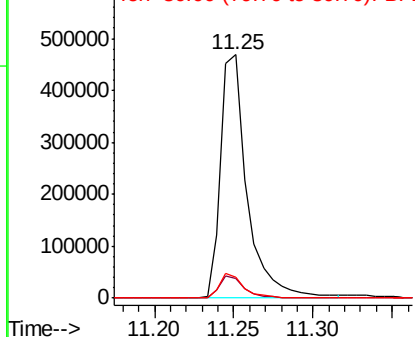
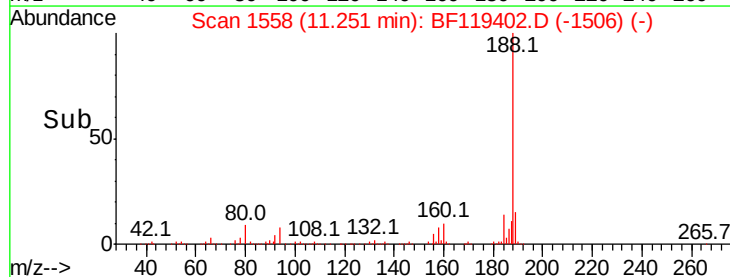


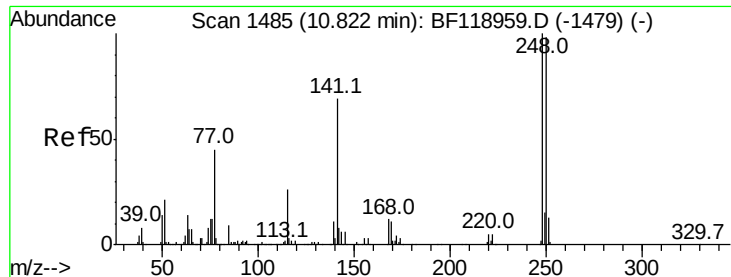
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion:188 Resp: 545127
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.1 10.7
 80 8.6 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

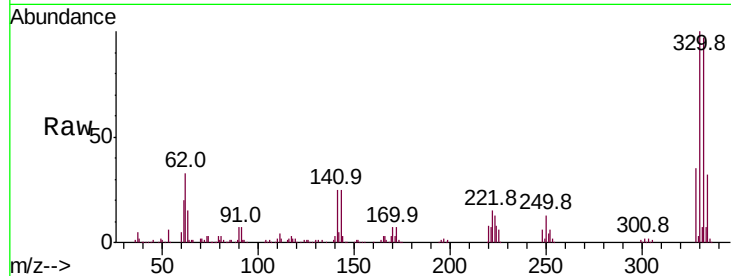




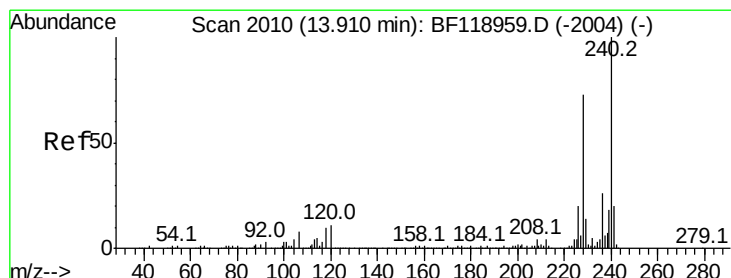
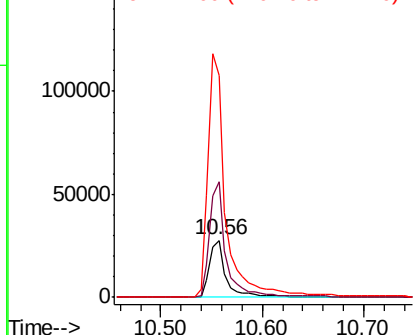
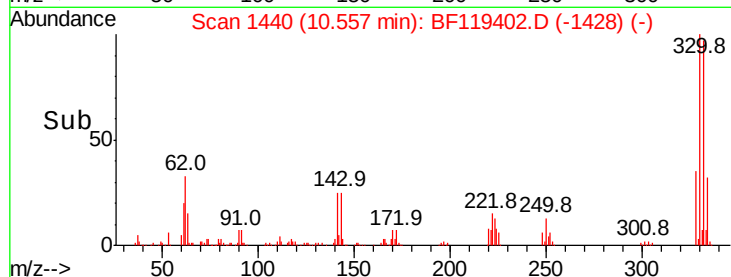
#67
4-Bromophenyl-phenylether
Concen: 4.528 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 32261
Ion Ratio Lower Upper
248 100
250 202.5 76.7 115.1#
141 389.8 60.7 91.1#

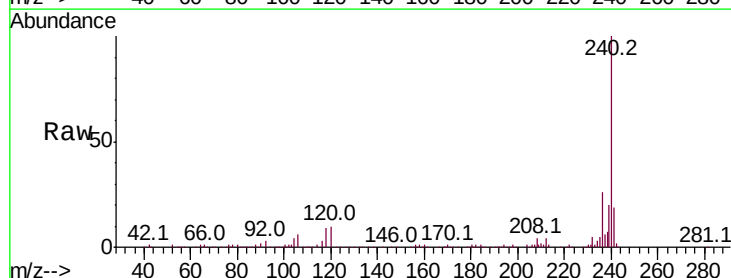


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

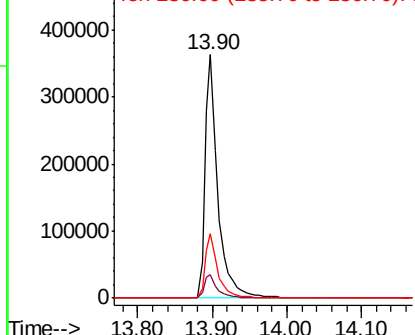
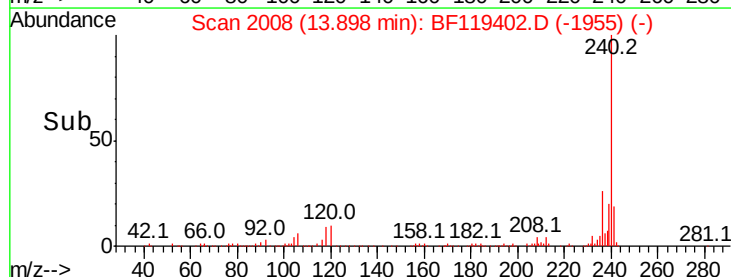


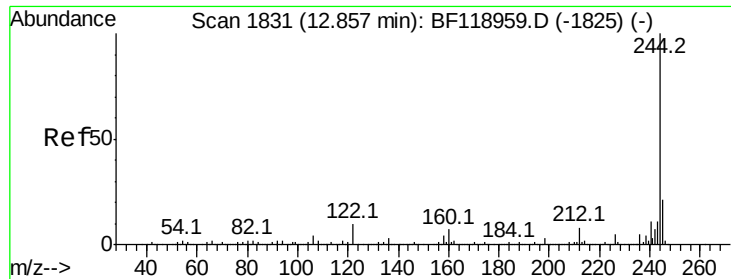
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119402.D
Acq: 13 Mar 2020 1:51

Tgt Ion:240 Resp: 432561
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.3 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

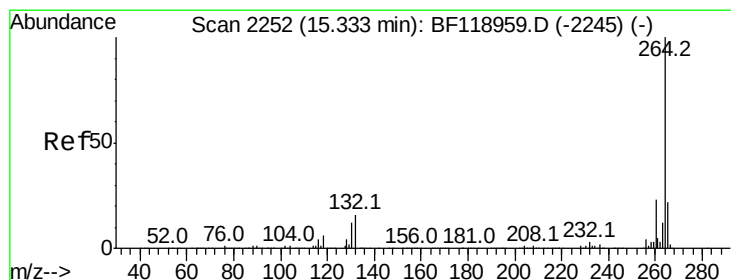
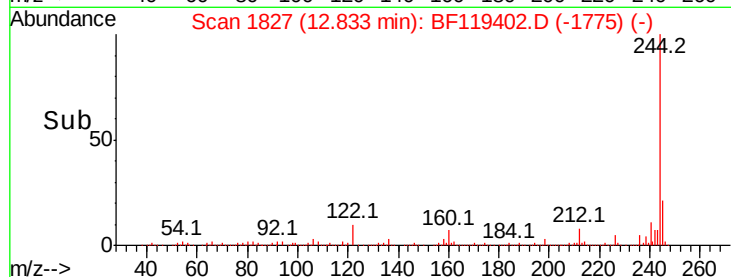
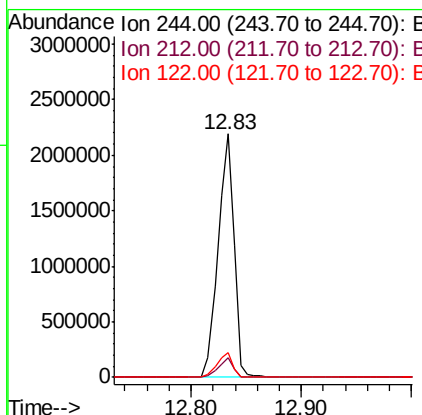
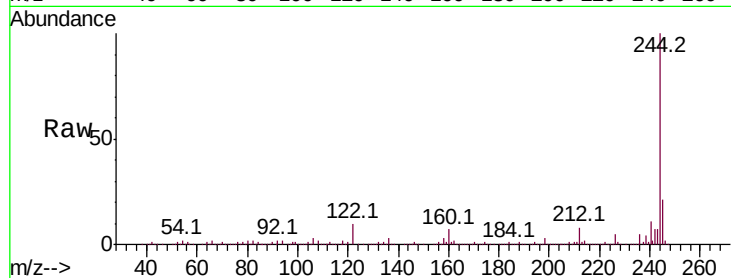




#79
 Terphenyl-d14
 Concen: 87.604 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2201009
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 9.9 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.02 min
 Lab File: BF119402.D
 Acq: 13 Mar 2020 1:51

Tgt Ion:264 Resp: 391102
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 22.9 17.7 26.5

