

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119860.D
 Acq On : 9 Apr 2020 8:05
 Operator : MA/SJ
 Sample : L2151-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 09:05:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

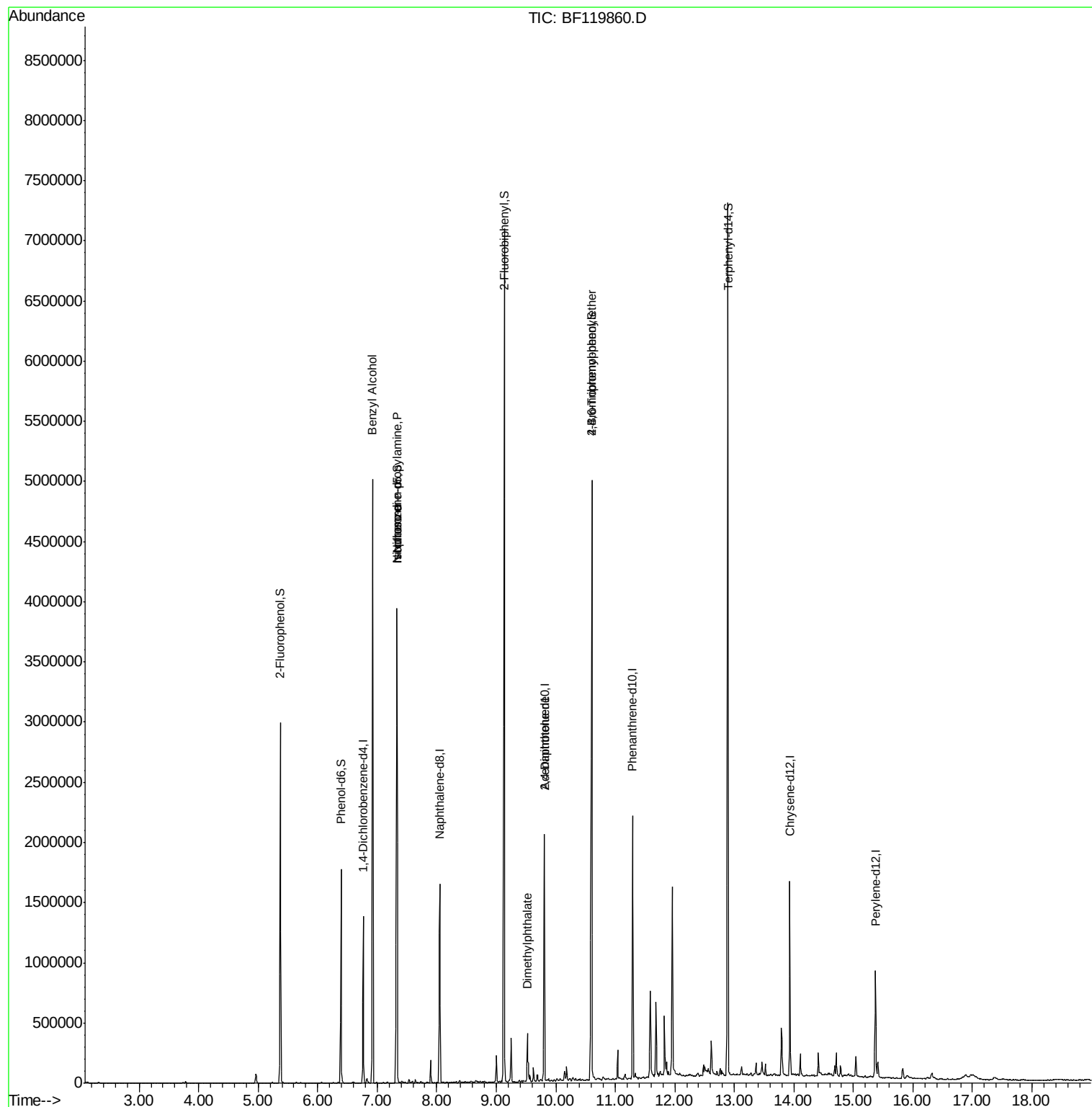
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	194452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	731500	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	434884	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	766169	20.00	ng	0.00
76) Chrysene-d12	13.93	240	521643	20.00	ng	0.00
87) Perylene-d12	15.37	264	421816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	716559	63.68	ng	0.00
7) Phenol-d6	6.39	99	524839	36.20	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1433908	101.41	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	682649	128.21	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2655946	86.71	ng	0.00
79) Terphenyl-d14	12.89	244	2871639	92.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	106	Below Cal		Qvalue # 50
15) Benzyl Alcohol	6.92	79	23039	2.046 ng	#	51
19) n-Nitroso-di-n-propylamine	7.33	70	191040	20.491 ng	#	78
25) Isophorone	7.33	82	1422934	52.204 ng	#	65
50) Dimethylphthalate	9.52	163	140393	4.174 ng		99
57) 2,4-Dinitrotoluene	9.81	165	56058	5.776 ng	#	23
67) 4-Bromophenyl-phenylether	10.60	248	40189	4.218 ng	#	1

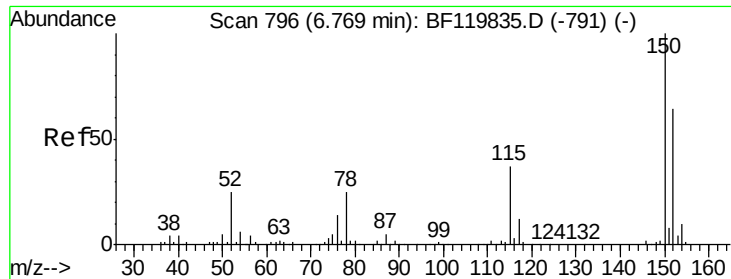
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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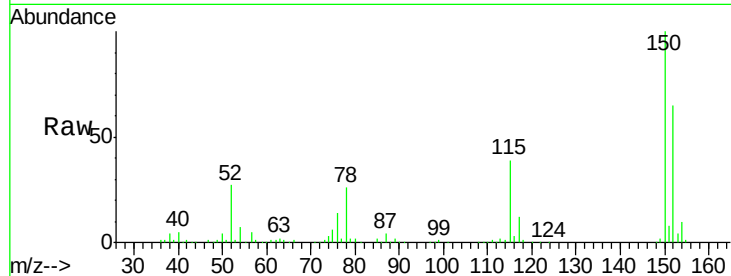


#1

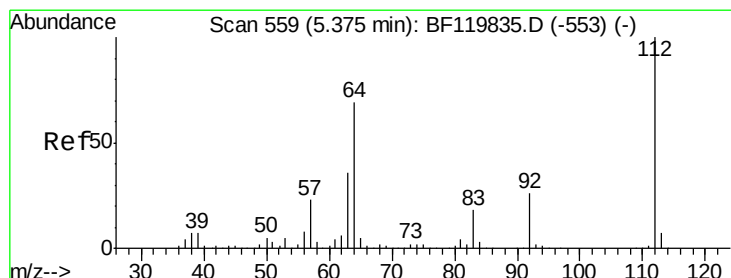
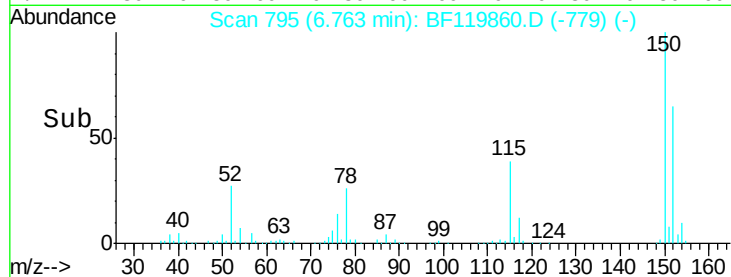
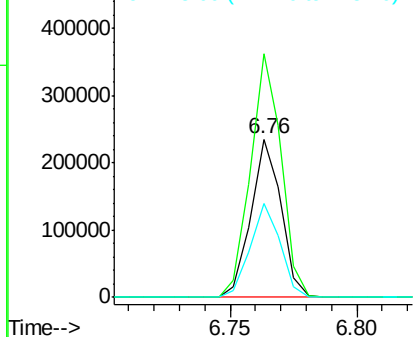
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	59.4	46.5	69.7



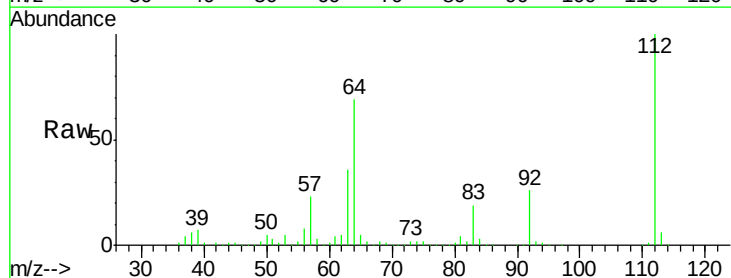
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



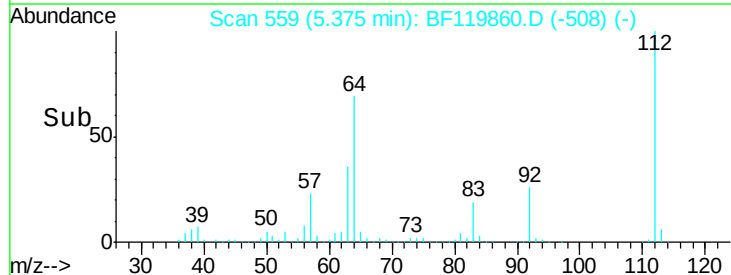
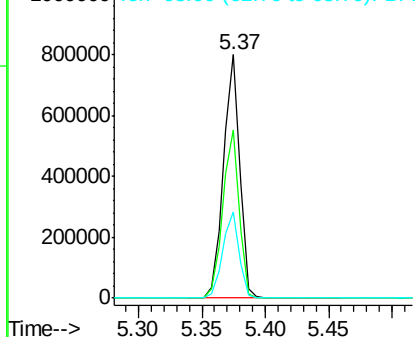
#5

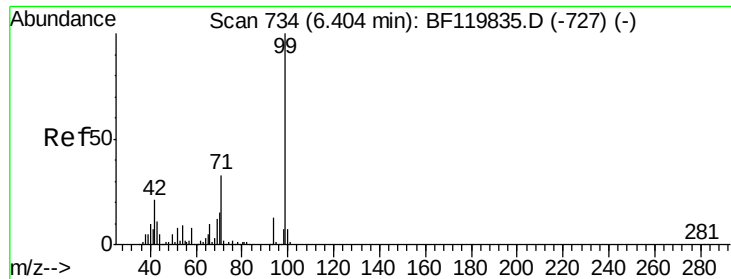
2-Fluorophenol
Concen: 63.684 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.5	83.3
63	35.6	29.1	43.7



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: 36.200 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

Instrument :

BNA_F

ClientSampleId :

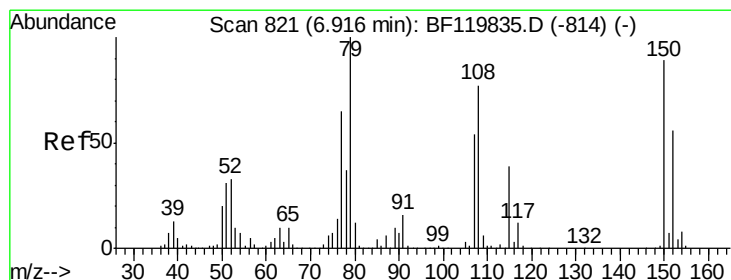
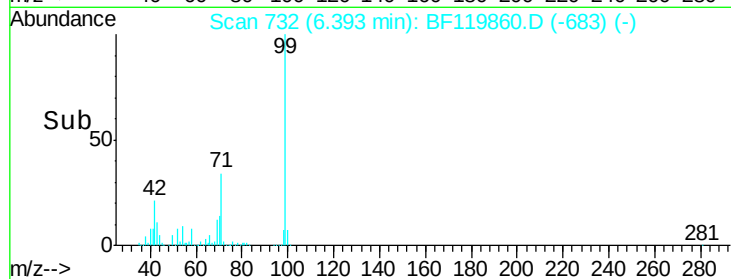
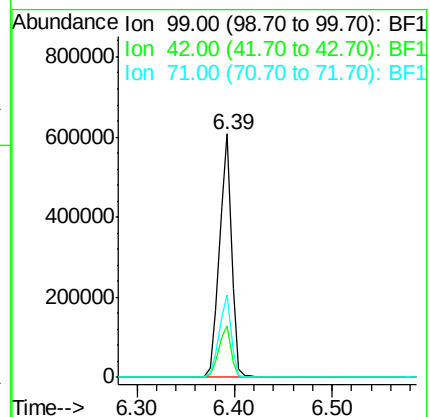
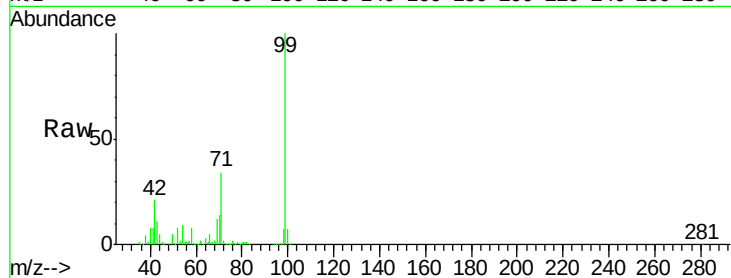
Tot Ion: 99 Resp: 524839

Ion Ratio Lower Upper

99 100

42 21.2 16.9 25.3

71 33.7 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.046 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

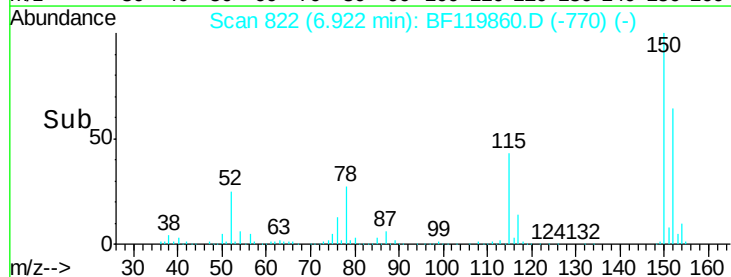
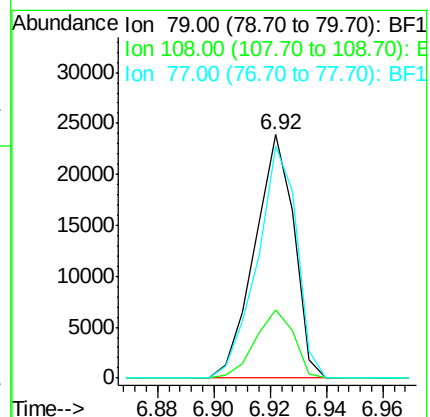
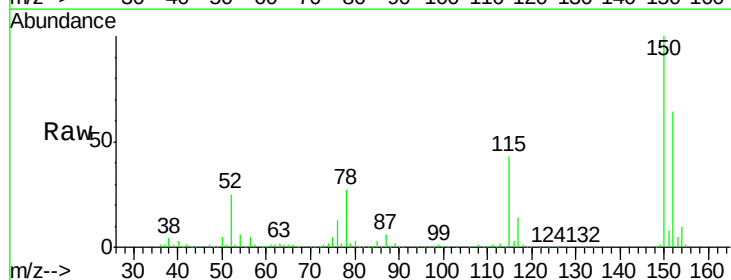
Tgt Ion: 79 Resp: 23039

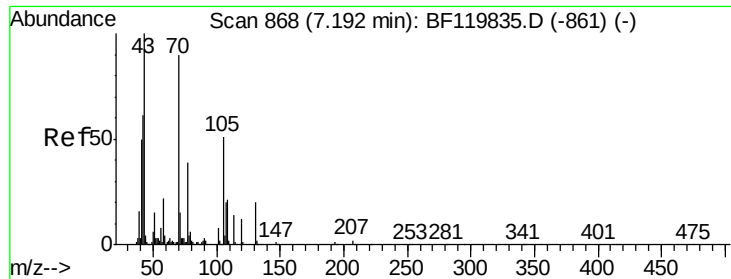
Ion Ratio Lower Upper

79 100

108 28.2 62.0 93.0#

77 95.3 51.8 77.6#

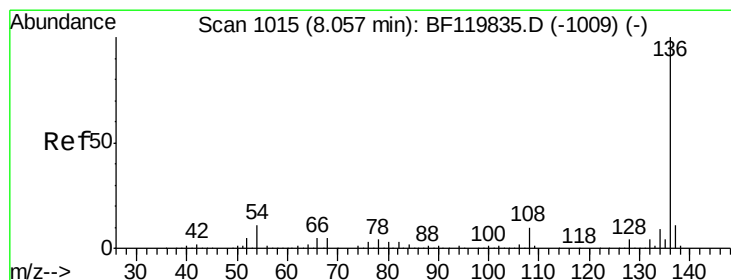
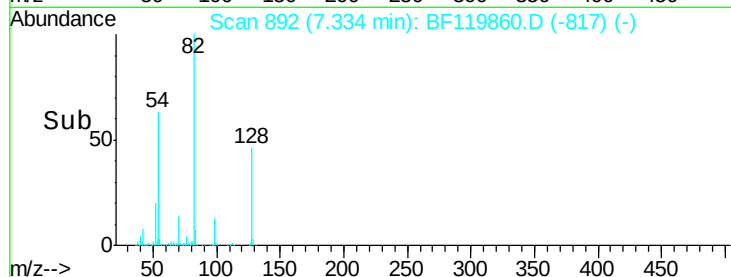
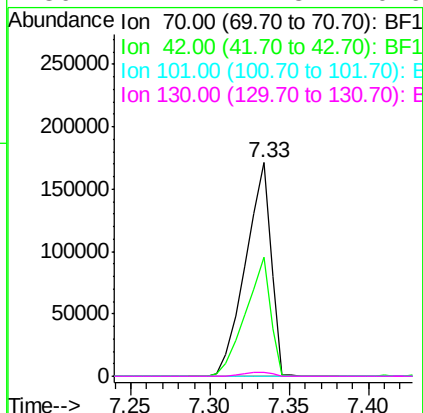
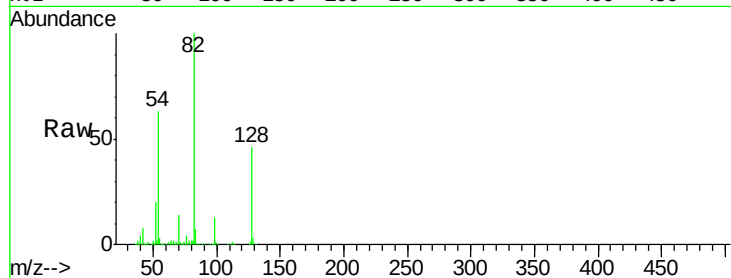




#19
n-Nitroso-di-n-propylamine
Concen: 20.491 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

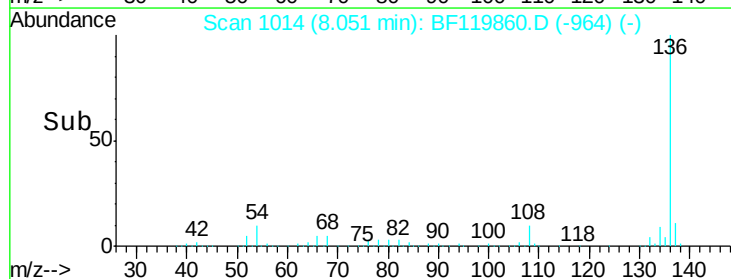
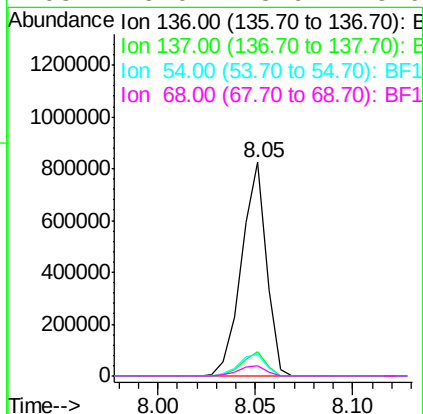
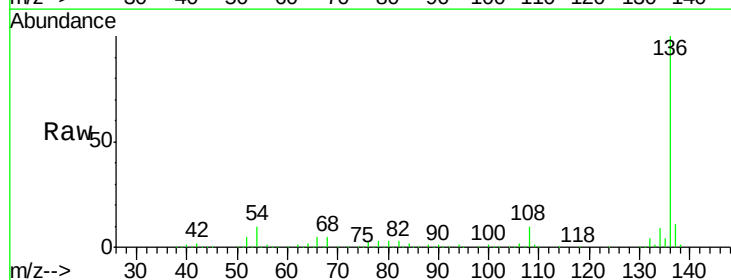
Instrument :
BNA_F
ClientSampleId :

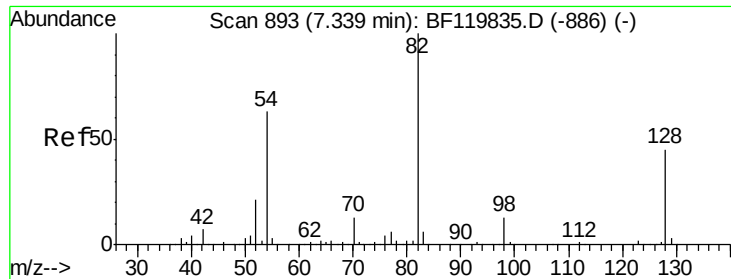
Tot Ion: 70 Resp: 191040
Ion Ratio Lower Upper
70 100
42 55.8 54.2 81.4
101 0.0 7.4 11.2#
130 2.1 17.8 26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion: 136 Resp: 731500
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 10.0 8.5 12.7
68 5.0 3.9 5.9

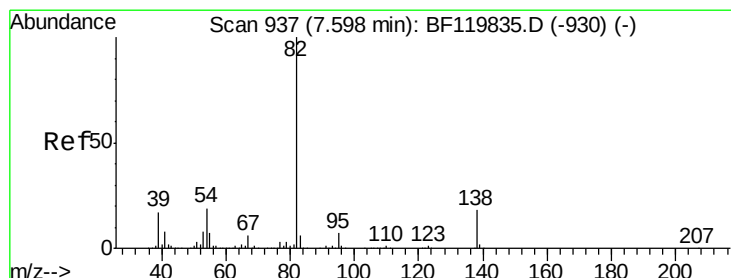
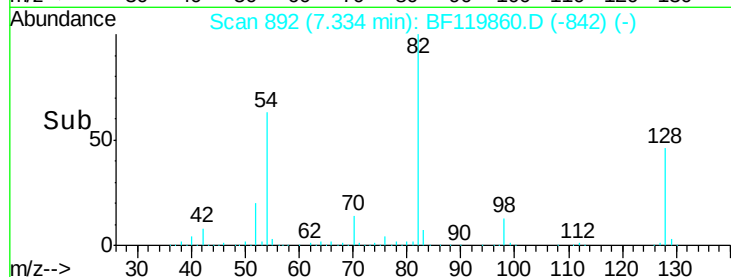
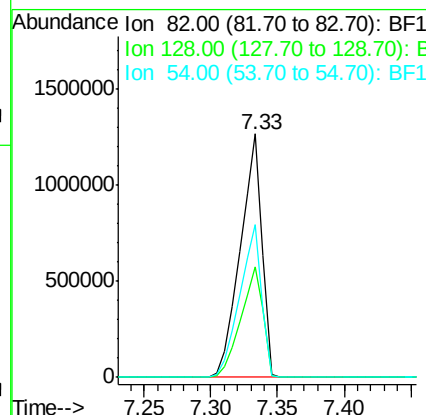
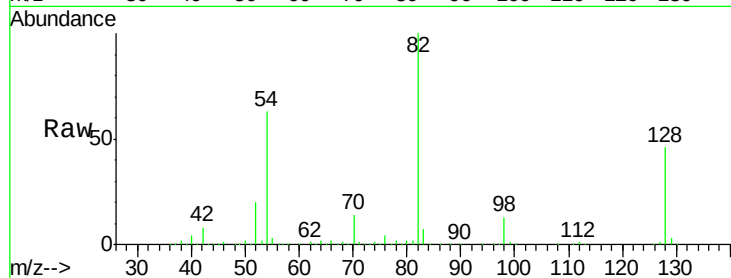




#23
Nitrobenzene-d5
Concen: 101.410 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

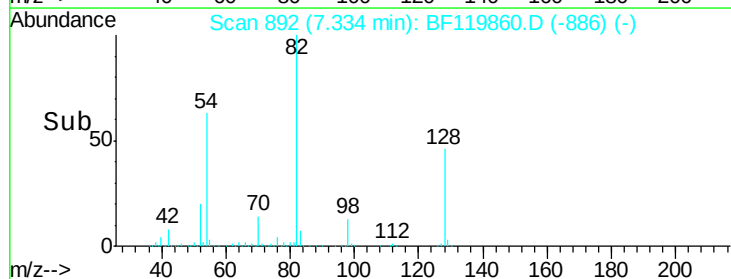
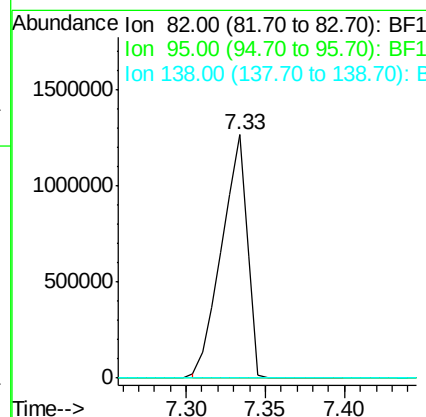
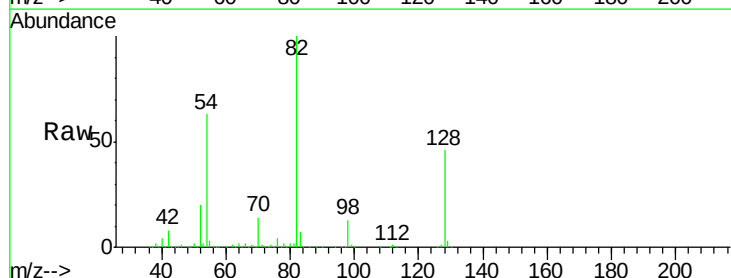
Instrument :
BNA_F
ClientSampleId :

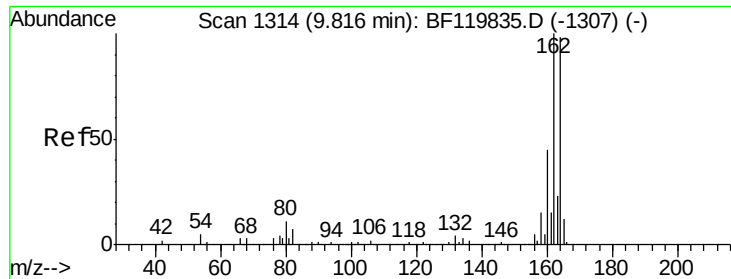
Tot Ion: 82 Resp: 1433908
Ion Ratio Lower Upper
82 100
128 45.5 36.2 54.4
54 62.9 50.4 75.6



#25
Isophorone
Concen: 52.204 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion: 82 Resp: 1422934
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

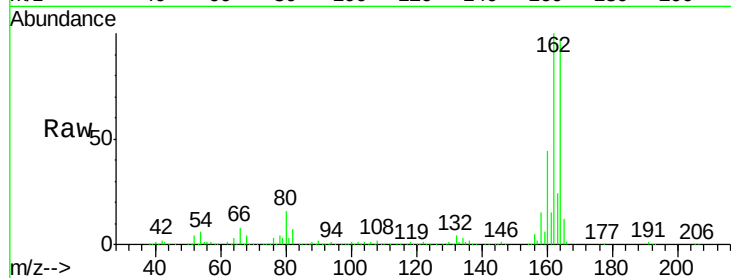




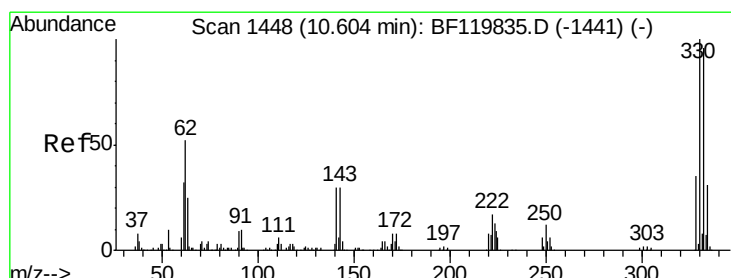
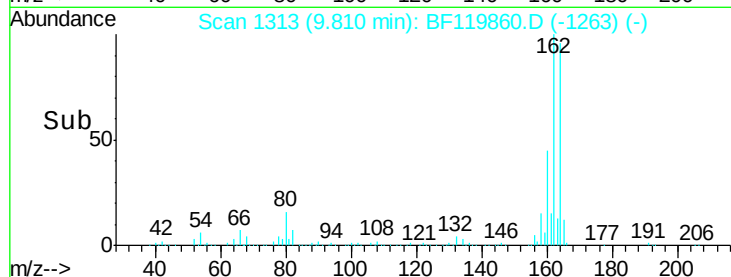
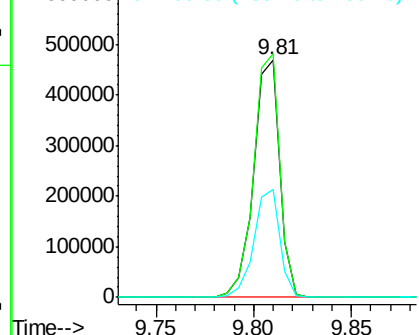
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 434884
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.9 122.9
 160 45.6 36.6 54.8

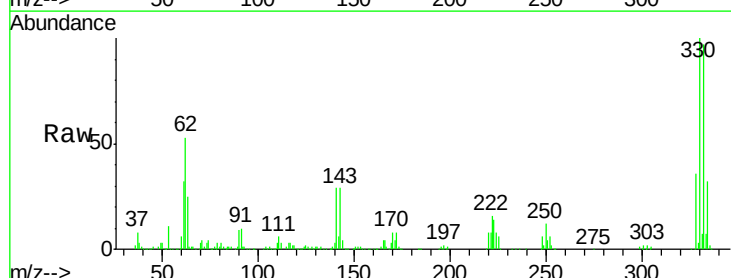


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

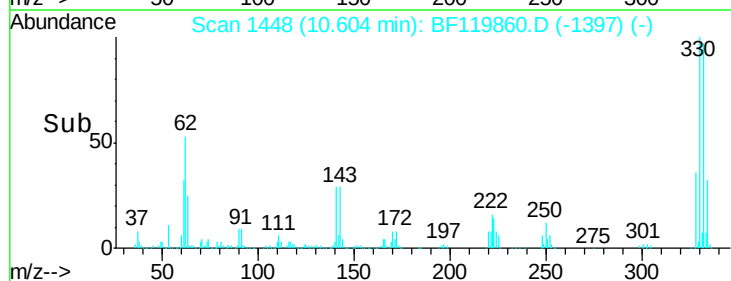
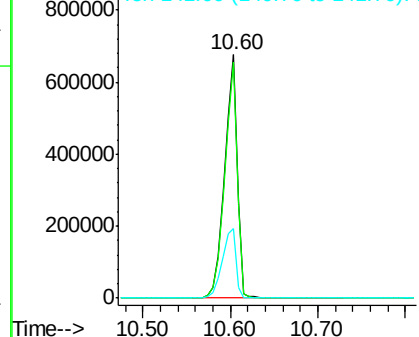


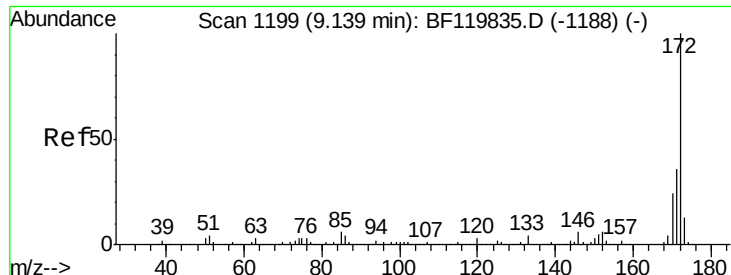
#42
 2,4,6-Tribromophenol
 Concen: 128.210 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Tgt Ion:330 Resp: 682649
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 31.1 25.1 37.7



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

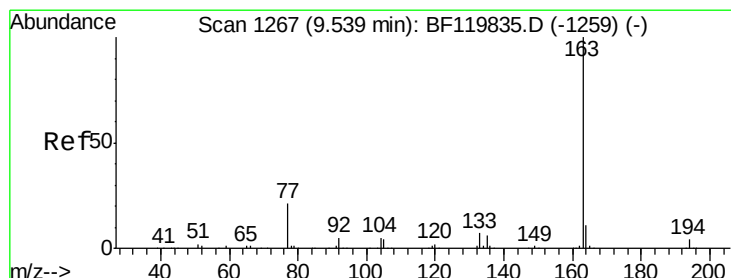
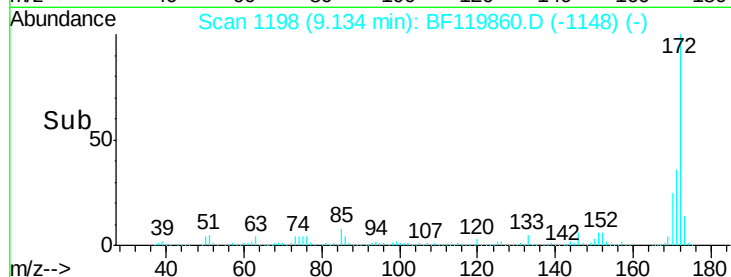
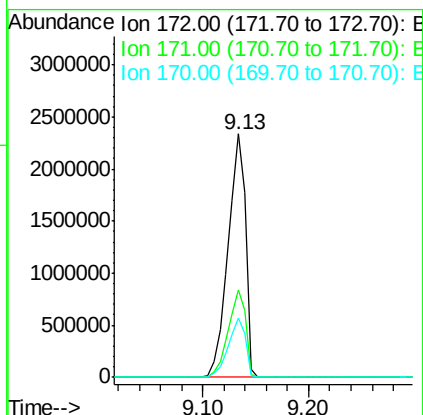
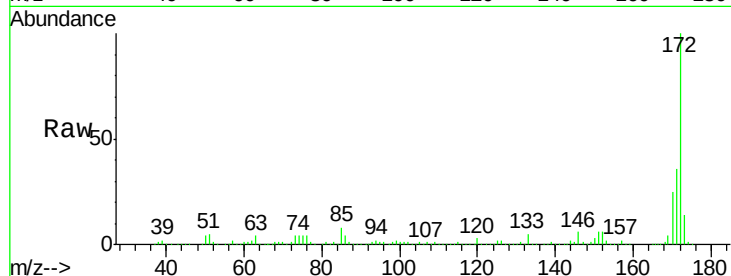




#45
2-Fluorobiphenyl
Concen: 86.710 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

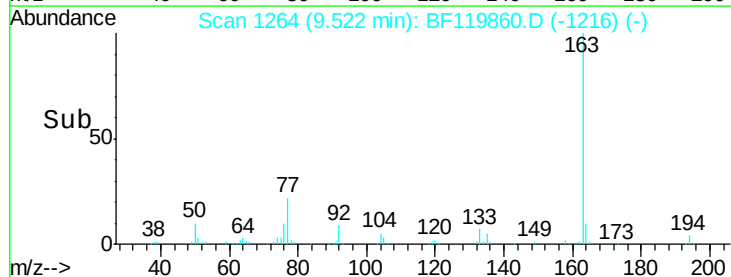
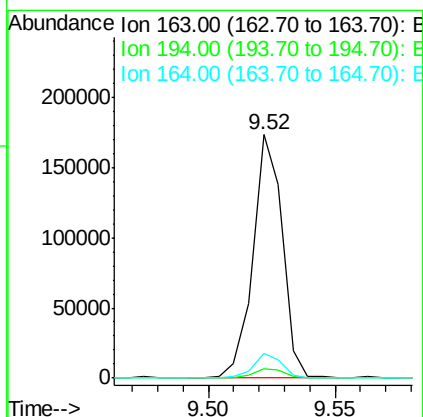
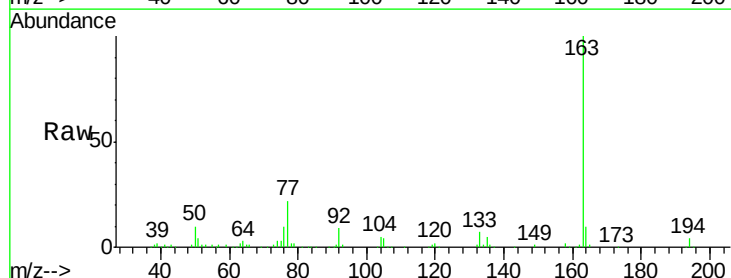
Instrument :
BNA_F
ClientSampleId :

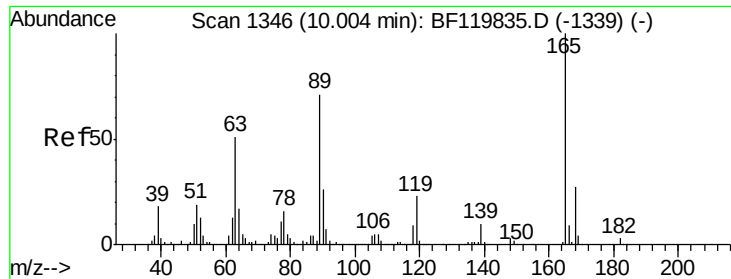
Tot Ion:172 Resp: 2655946
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.6 19.4 29.2



#50
Dimethylphthalate
Concen: 4.174 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion:163 Resp: 140393
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.0 8.4 12.6

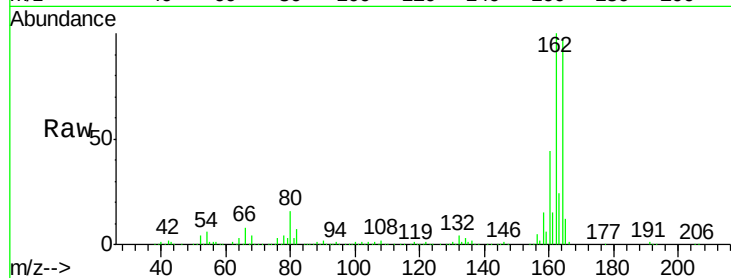




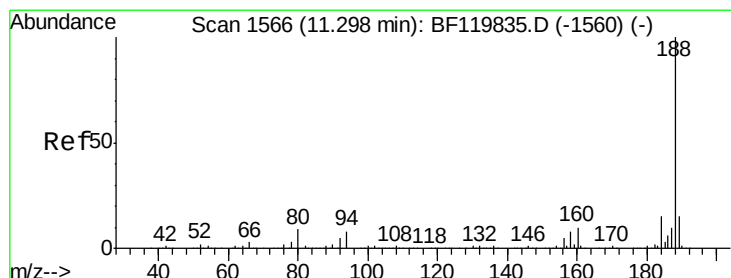
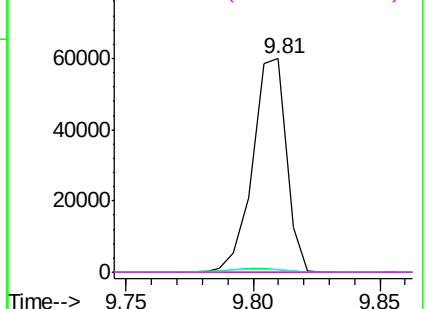
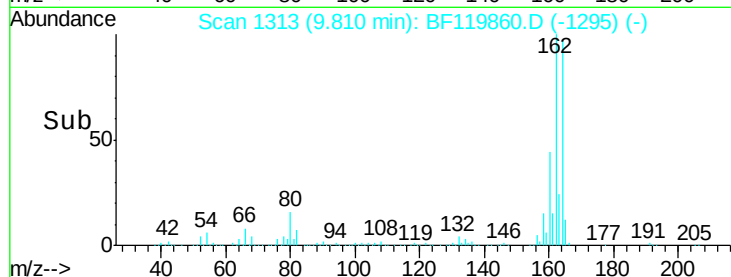
#57
 2,4-Dinitrotoluene
 Concen: 5.776 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 56058
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.8 61.2#
 89 1.4 56.9 85.3#
 182 0.0 2.0 3.0#

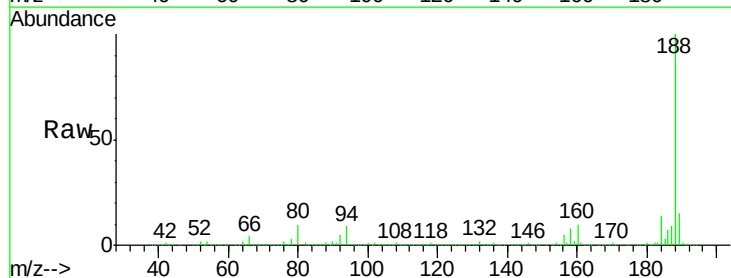


Abundance Ion 165.00 (164.70 to 165.70): E

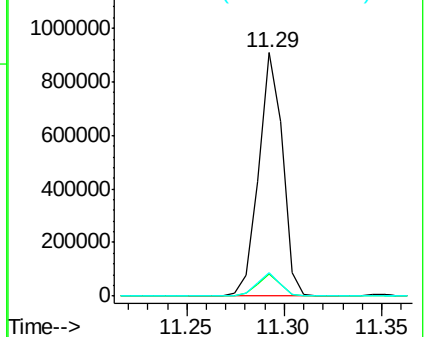
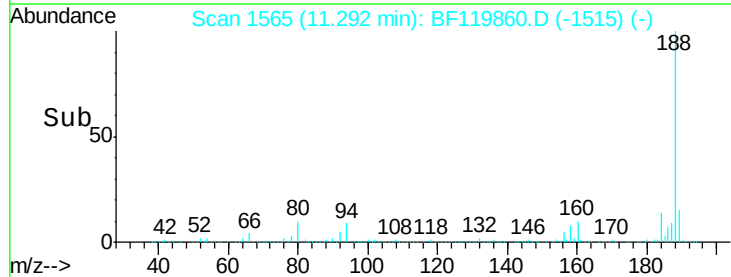


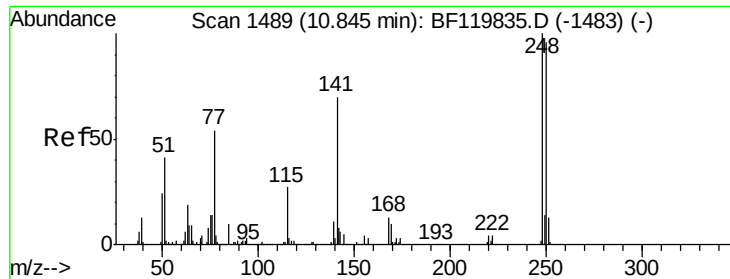
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119860.D
 Acq: 9 Apr 2020 8:05

Tgt Ion:188 Resp: 766169
 Ion Ratio Lower Upper
 188 100
 94 9.3 6.7 10.1
 80 9.8 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E

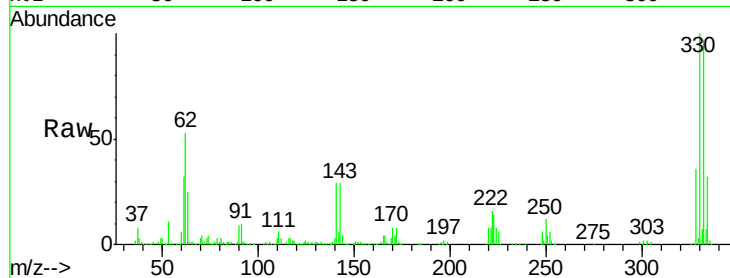




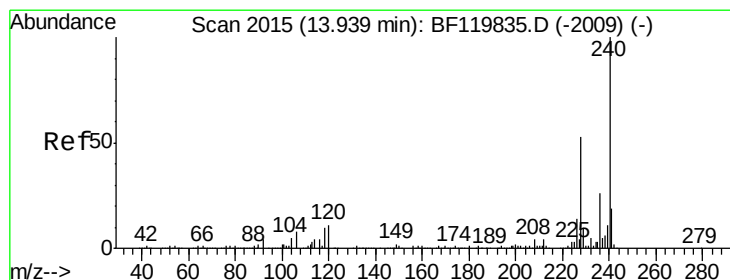
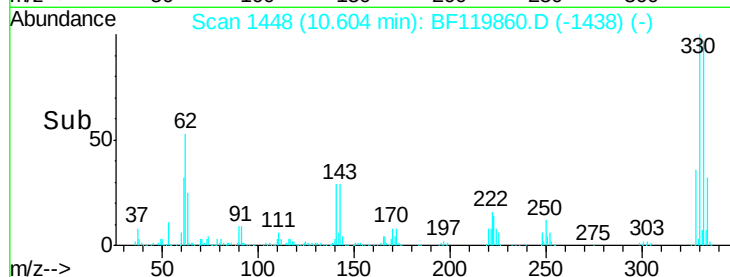
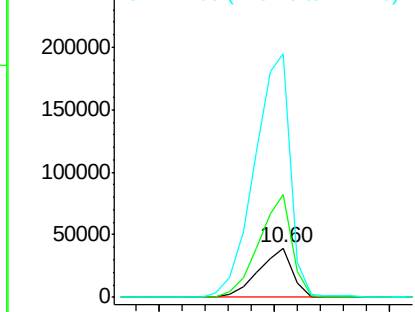
#67
4-Bromophenyl-phenylether
Concen: 4.218 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 40189
Ion Ratio Lower Upper
248 100
250 206.2 76.6 114.8#
141 490.7 55.9 83.9#

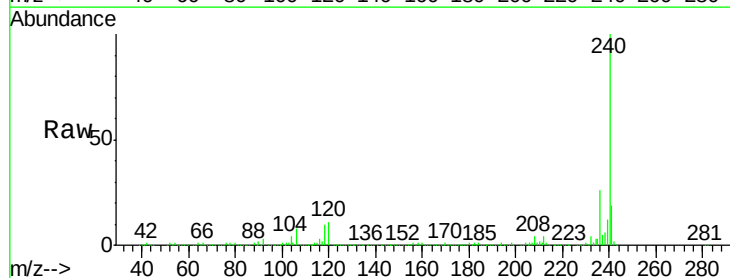


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

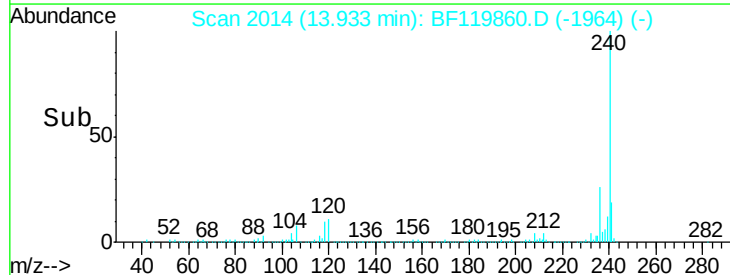
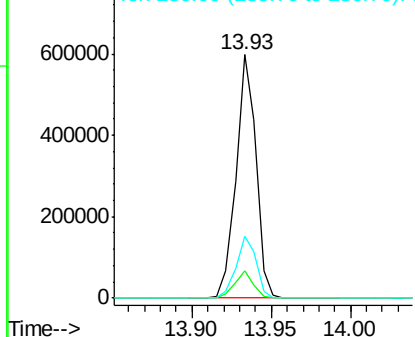


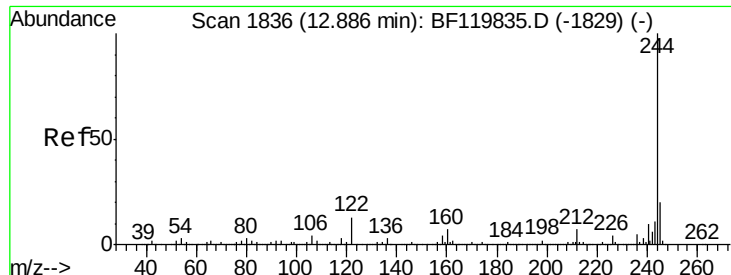
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119860.D
Acq: 9 Apr 2020 8:05

Tgt Ion:240 Resp: 521643
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.6 20.7 31.1



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: 92.630 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

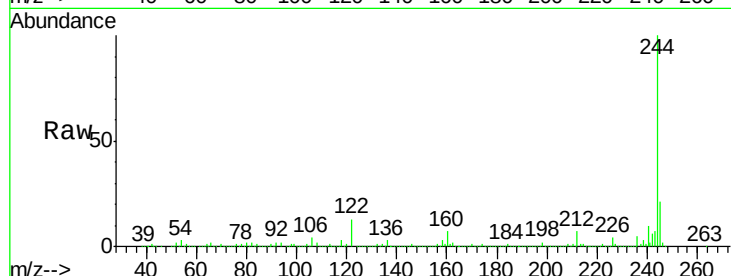
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2871639

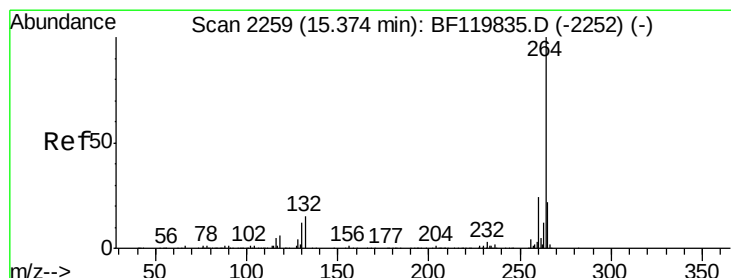
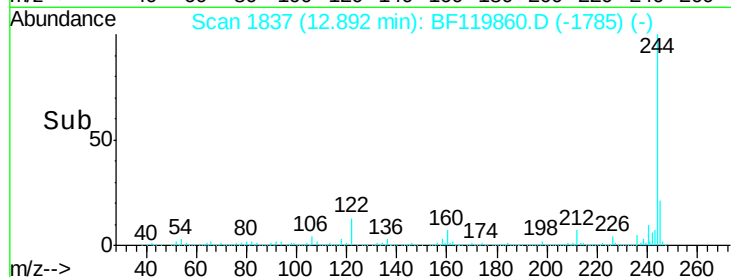
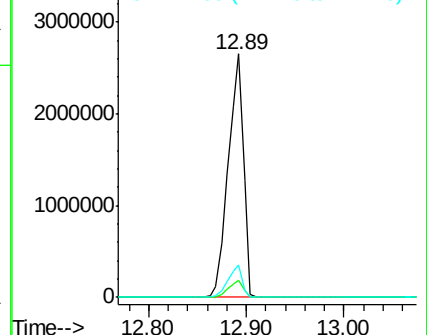
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.1	10.3	15.5



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: 15.37 min Scan# 2259

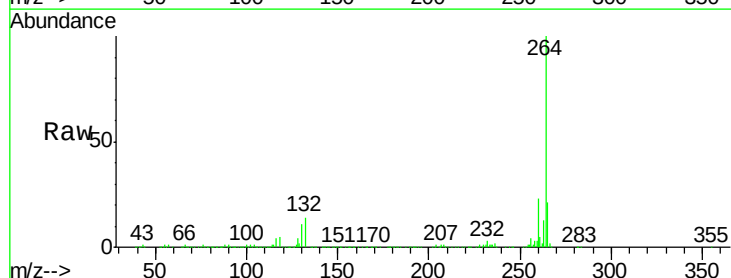
Delta R.T. 0.00 min

Lab File: BF119860.D

Acq: 9 Apr 2020 8:05

Tgt Ion:264 Resp: 421816

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	20.8	17.6	26.4



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

