

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108720.D
 Acq On : 1 Sep 2018 6:02
 Operator : JU/SJ
 Sample : J4729-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 06:36:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

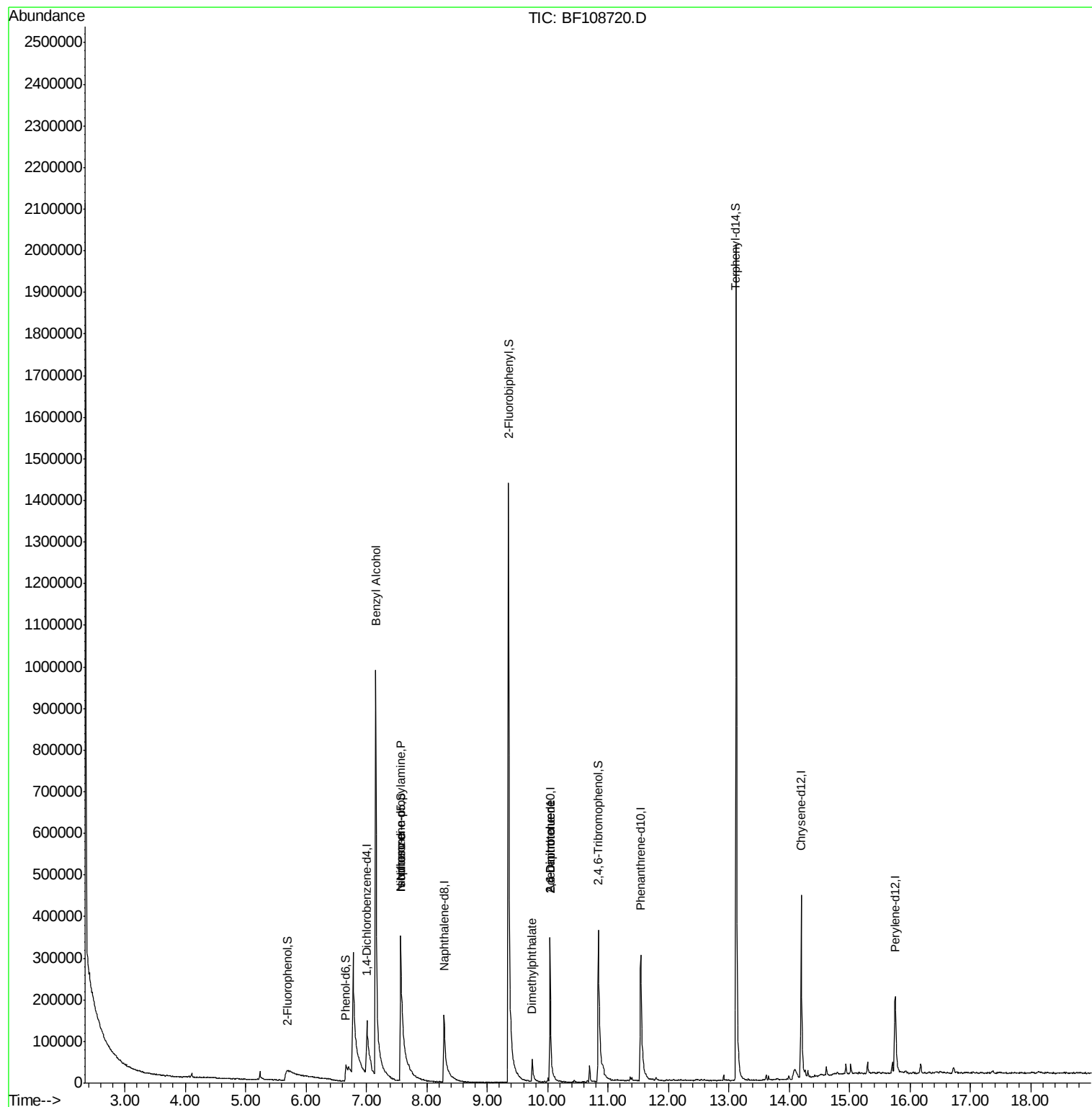
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	60650	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	234232	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	117766	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	254110	20.00	ng	0.00
75) Chrysene-d12	14.19	240	232983	20.00	ng	0.00
86) Perylene-d12	15.75	264	152676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	14770	4.23	ng	0.04
7) Phenol-d6	6.67	99	43457	8.69	ng	0.02
23) Nitrobenzene-d5	7.57	82	396396	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	107295	69.02	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	839420	95.84	ng	0.00
78) Terphenyl-d14	13.12	244	958822	79.96	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.15	79	7315	2.034	ng	# 53
19) n-Nitroso-di-n-propylamine	7.57	70	43291	12.928	ng	# 82
25) Isophorone	7.57	82	396396	51.710	ng	# 64
49) Dimethylphthalate	9.74	163	47599	5.133	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	14049	6.873	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	14888	5.501	ng	# 21

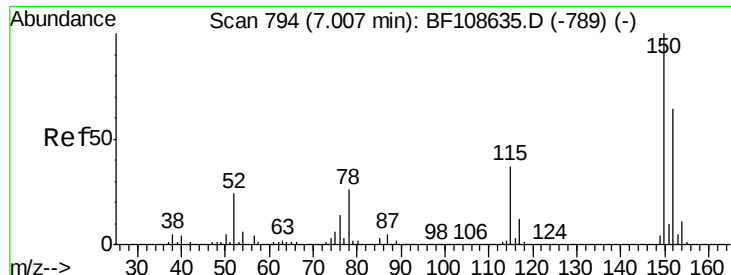
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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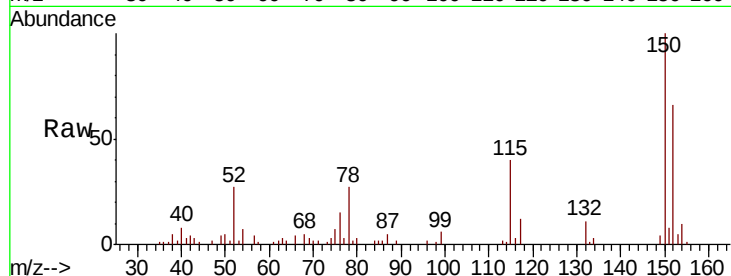


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	59.6	50.1	75.1

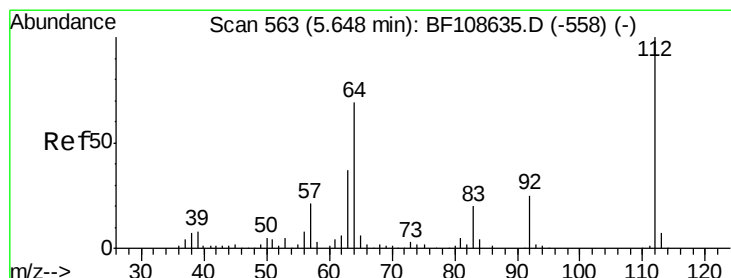
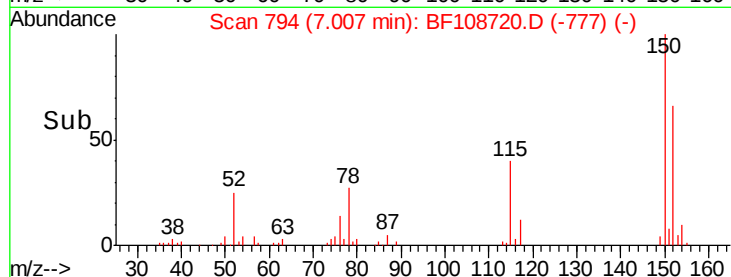
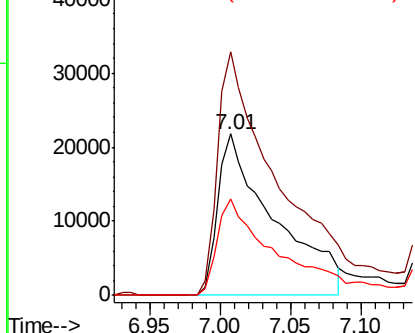


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

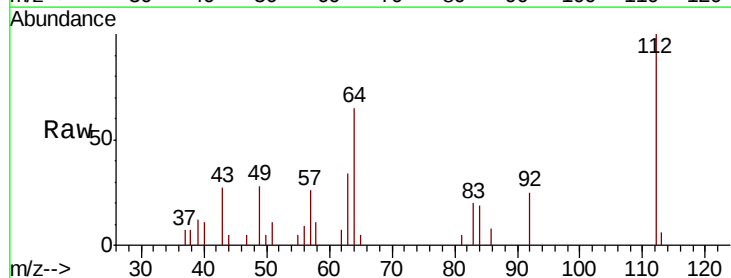
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 4.231 ng
RT: 5.68 min Scan# 569
Delta R.T. 0.04 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	34.0	23.7	35.5

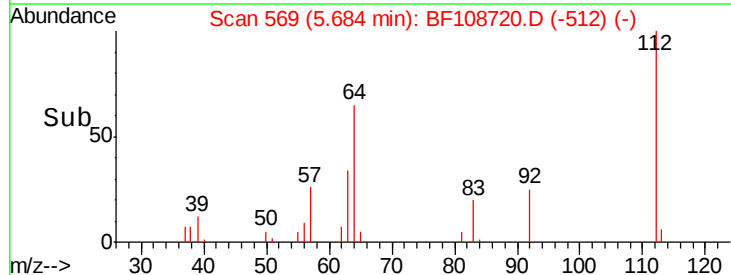
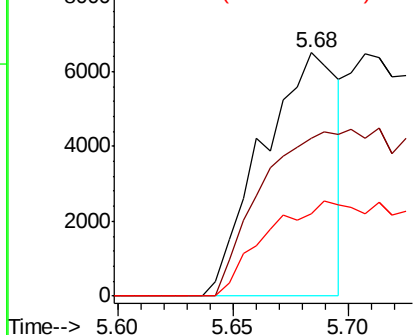


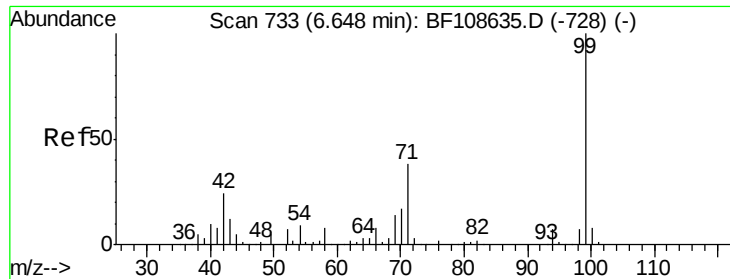
Abundance

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: 8.691 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF108720.D

Acq: 1 Sep 2018 6:02

Instrument :

BNA_F

ClientSampleId :

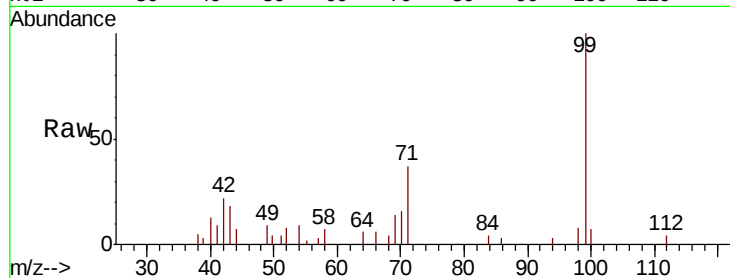
Tot Ion: 99 Resp: 43457

Ion Ratio Lower Upper

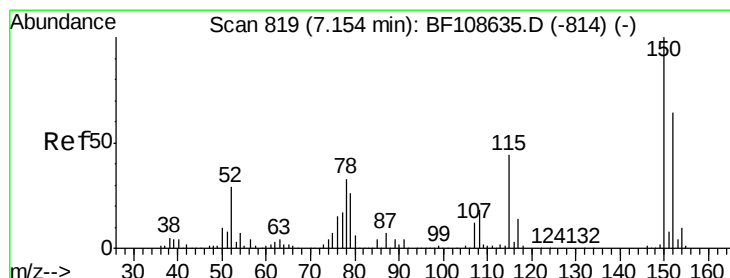
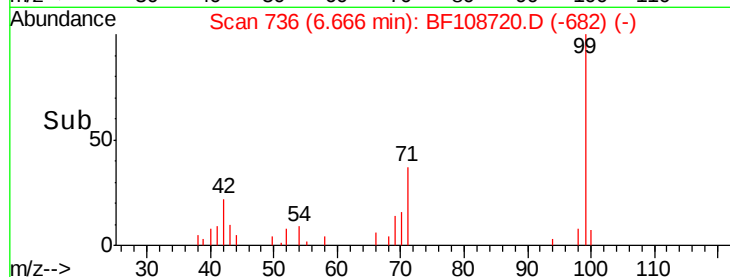
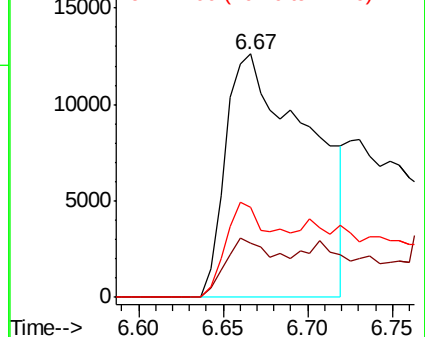
99 100

42 22.2 14.5 21.7#

71 37.0 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 2.034 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108720.D

Acq: 1 Sep 2018 6:02

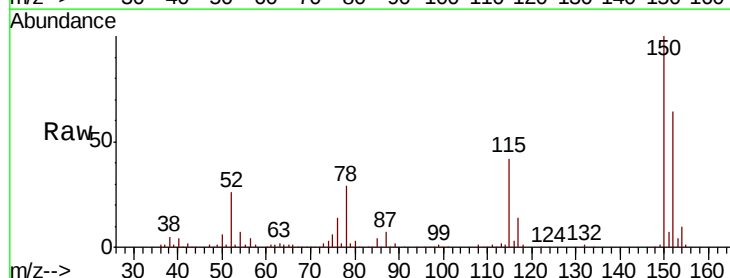
Tgt Ion: 79 Resp: 7315

Ion Ratio Lower Upper

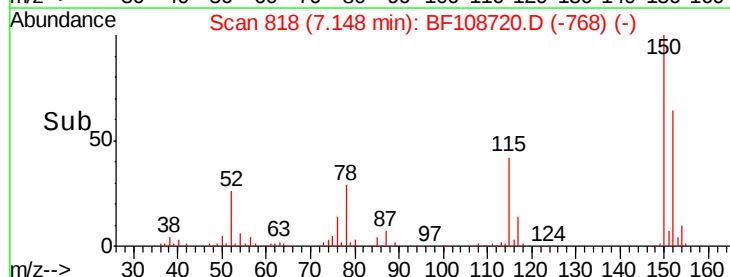
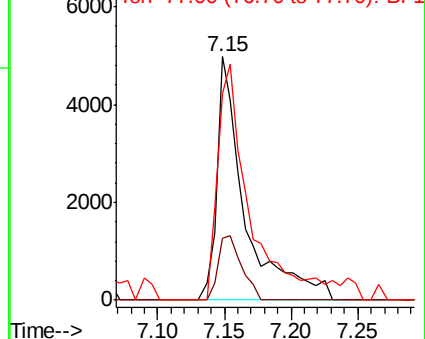
79 100

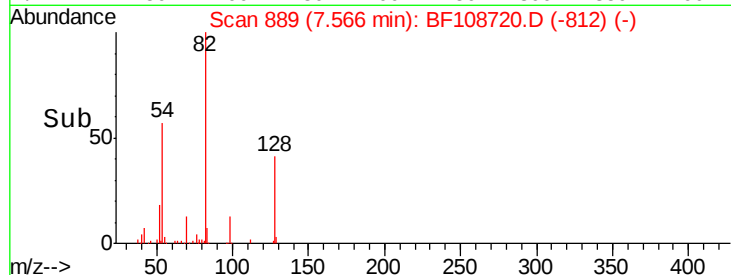
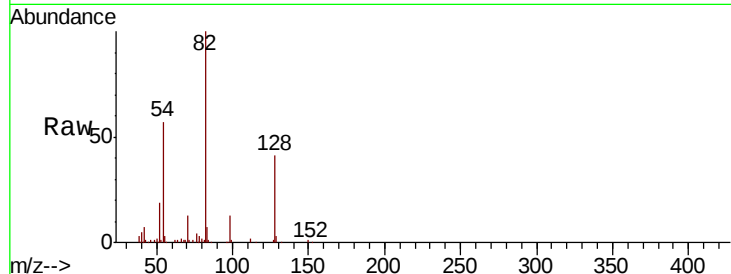
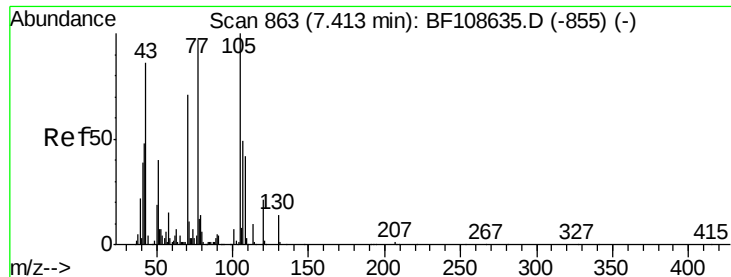
108 25.6 65.1 97.7#

77 84.7 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

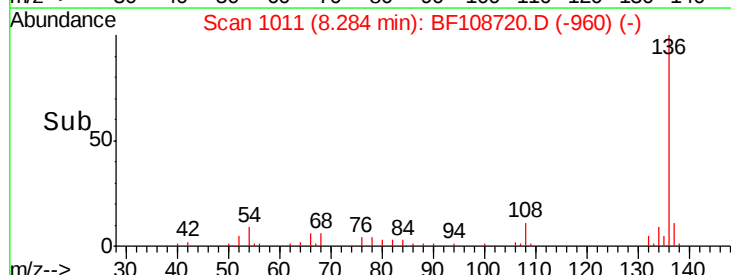
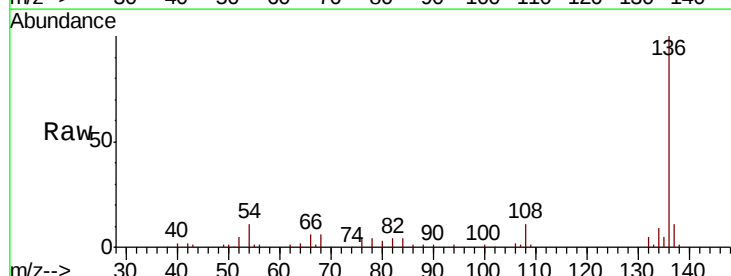
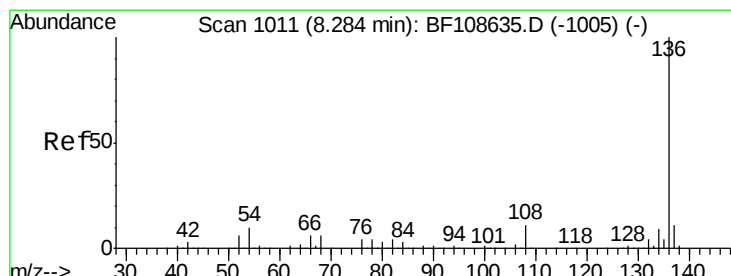
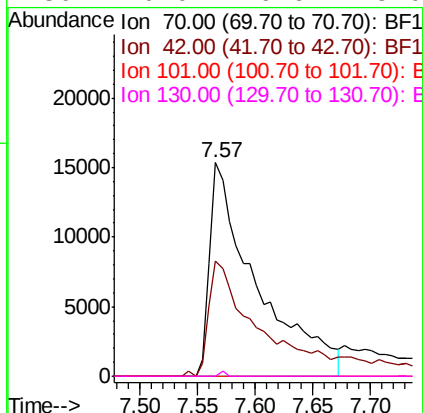




#19
n-Nitroso-di-n-propylamine
Concen: 12.928 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

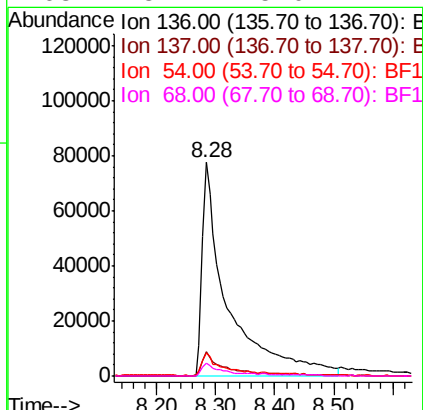
Instrument :
BNA_F
ClientSampleId :

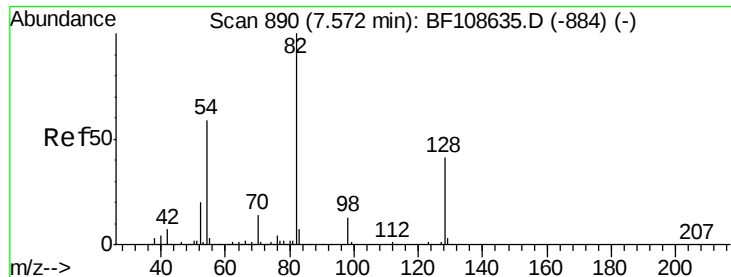
Tot Ion: 70 Resp: 43291
Ion Ratio Lower Upper
70 100
42 54.2 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Tgt Ion:136 Resp: 234232
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.8 6.6 9.8#
68 5.7 5.0 7.4

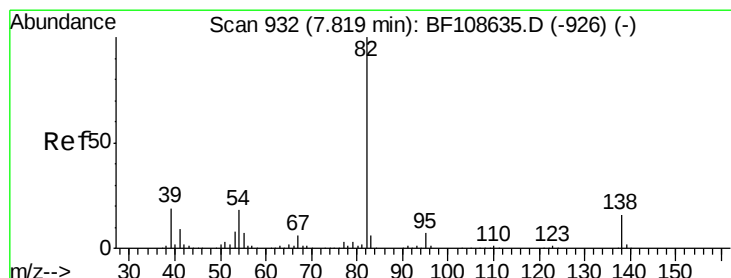
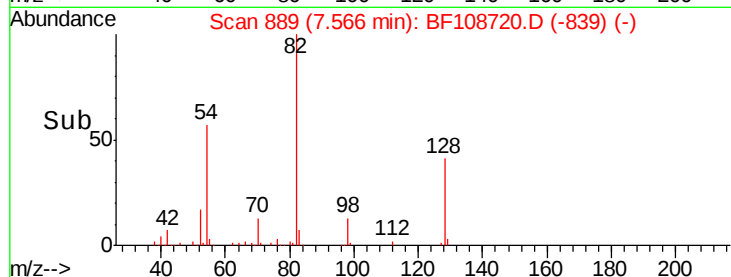
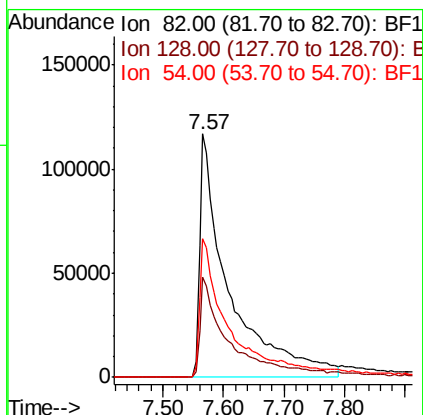
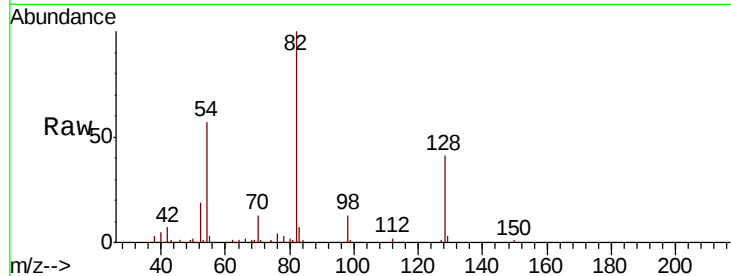




#23
Nitrobenzene-d5
Concen: 85.900 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

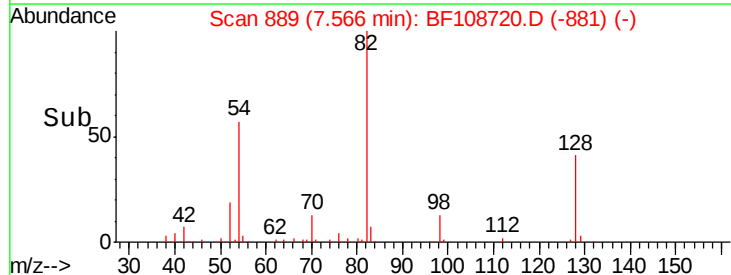
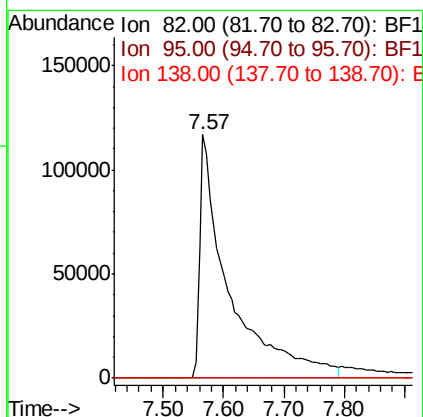
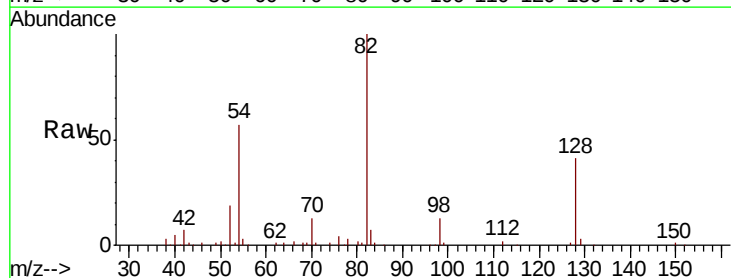
Instrument :
BNA_F
ClientSampleId :

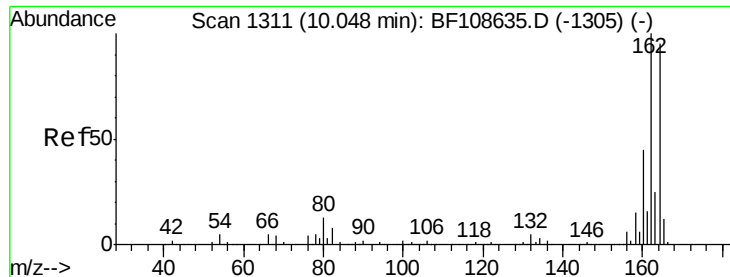
Tot Ion	82	Resp	396396
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	57.2	41.4	62.2



#25
Isophorone
Concen: 51.710 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Tgt Ion	82	Resp	396396
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

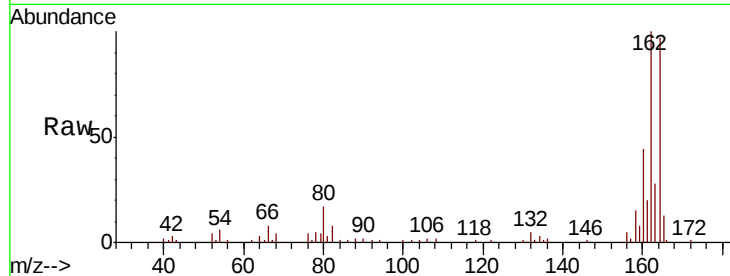




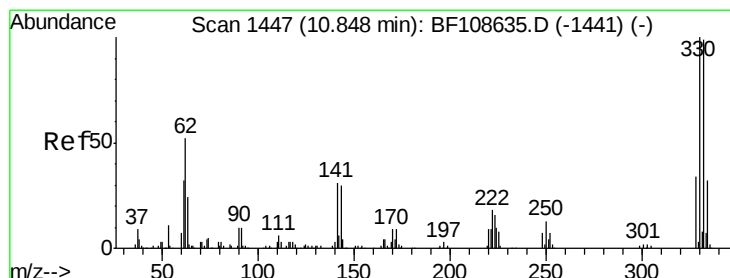
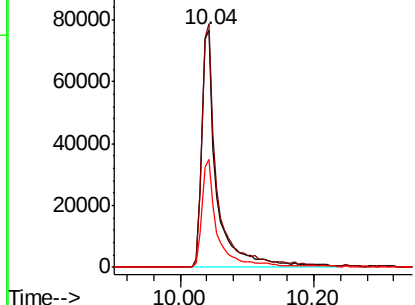
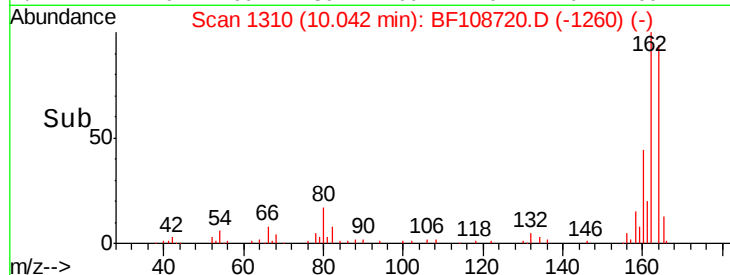
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 117766
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.5 38.3 57.5

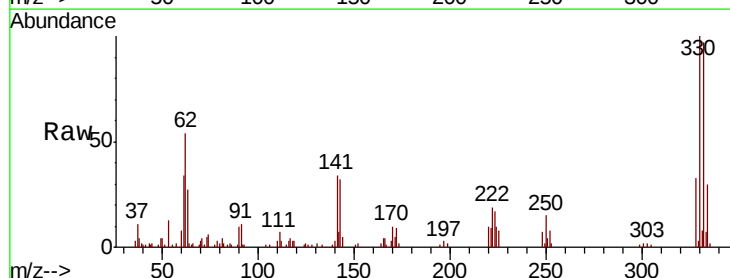


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

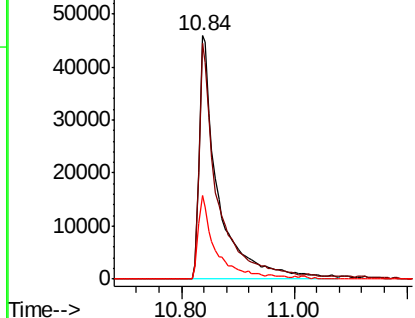
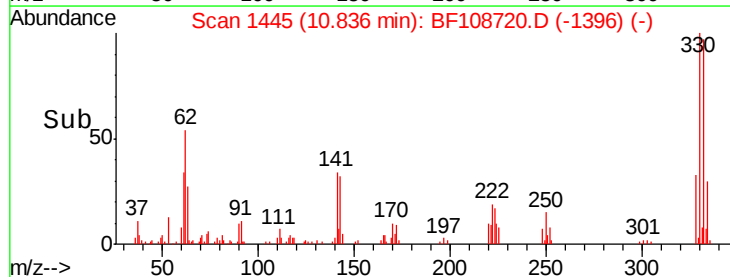


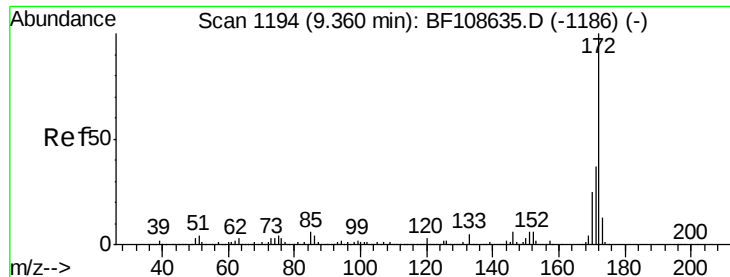
#41
 2,4,6-Tribromophenol
 Concen: 69.015 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Tgt Ion:330 Resp: 107295
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 32.0 29.9 44.9



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

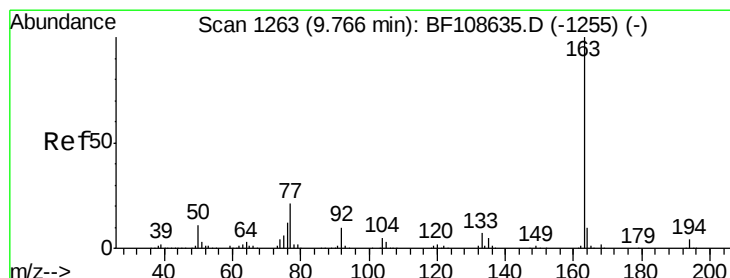
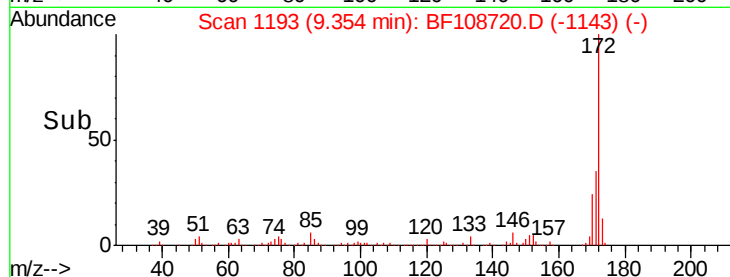
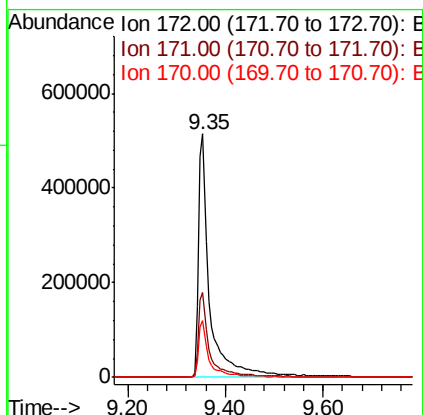
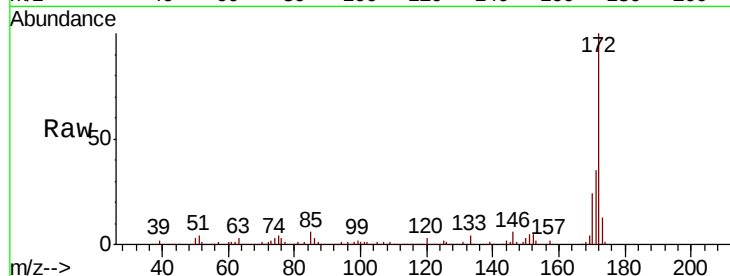




#44
2-Fluorobiphenyl
Concen: 95.840 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

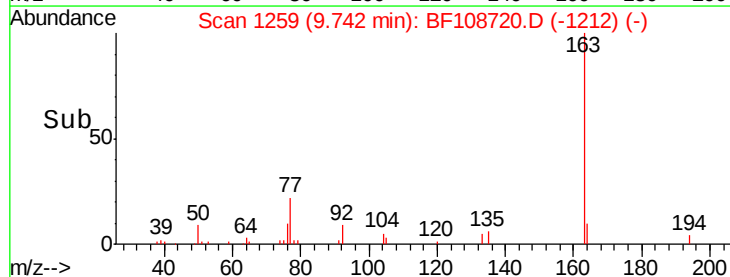
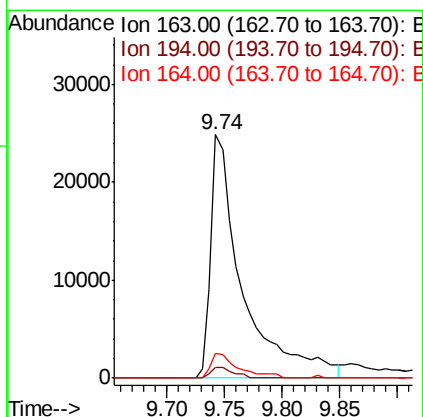
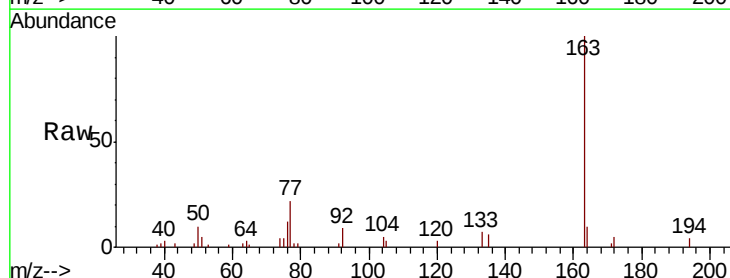
Instrument :
BNA_F
ClientSampleId :

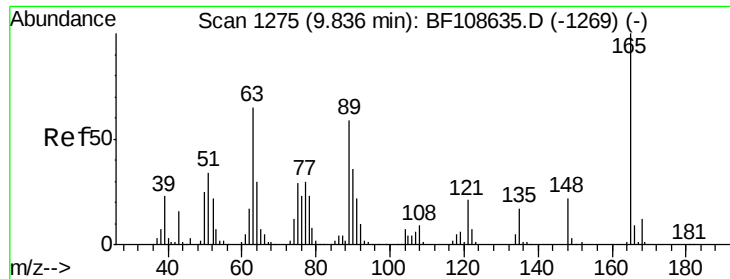
Tot Ion:172 Resp: 839420
Ion Ratio Lower Upper
172 100
171 34.8 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 5.133 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Tgt Ion:163 Resp: 47599
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.9 8.2 12.2

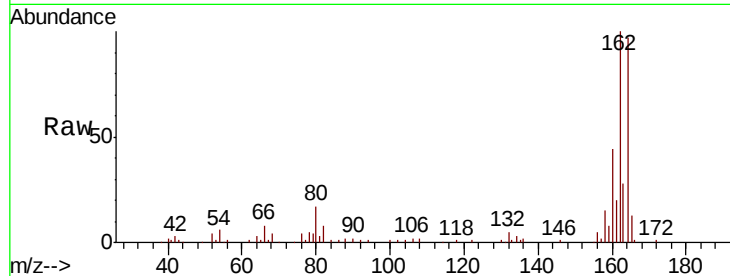




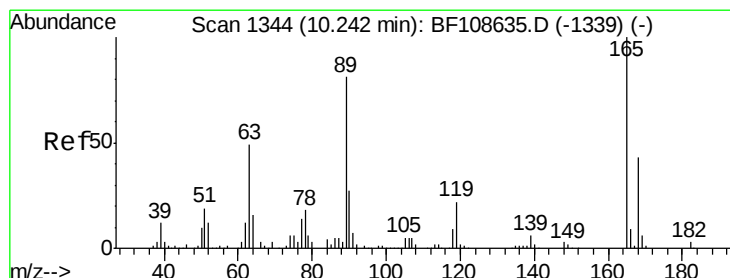
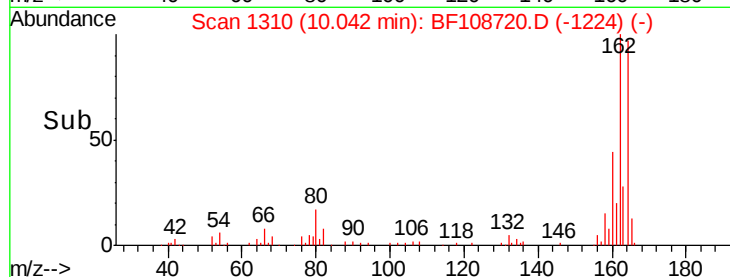
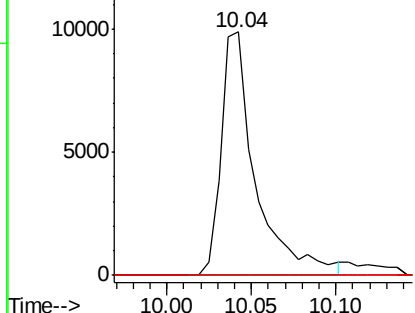
#50
 2,6-Dinitrotoluene
 Concen: 6.873 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



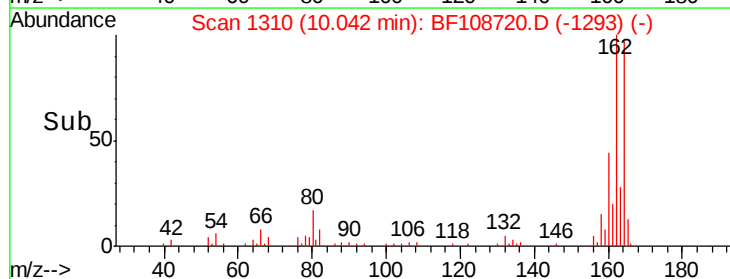
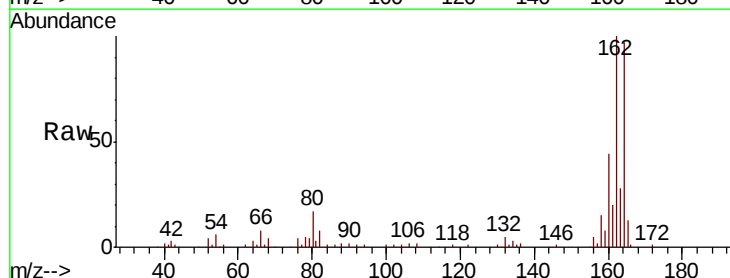
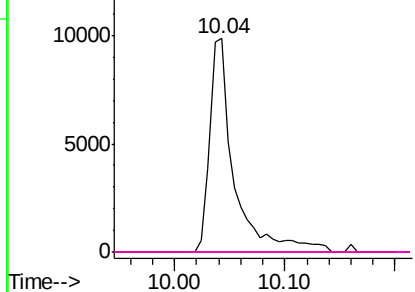
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

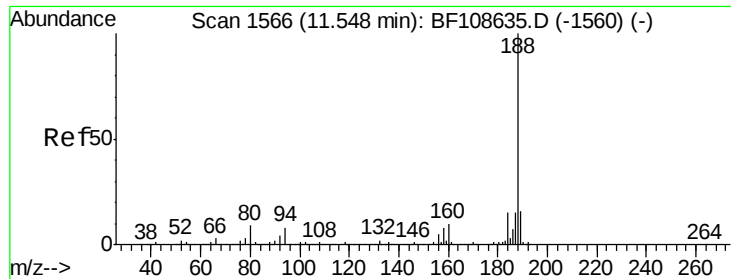


#56
 2,4-Dinitrotoluene
 Concen: 5.501 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

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

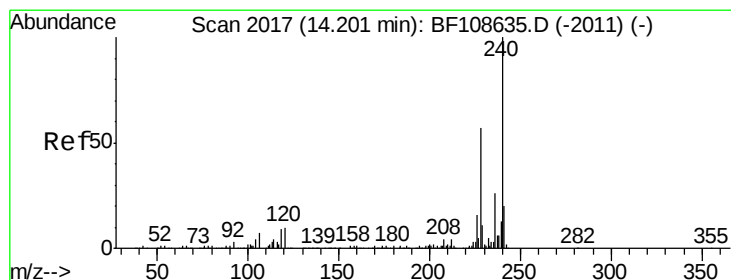
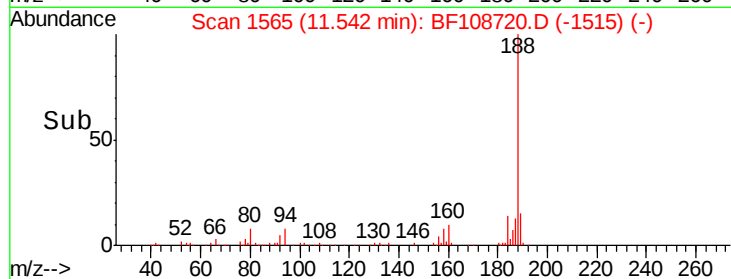
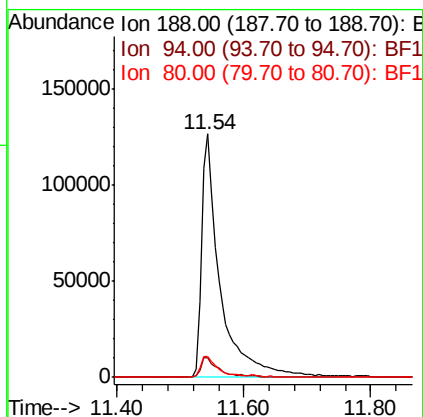
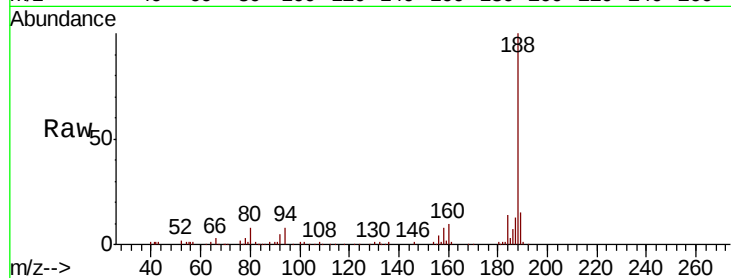




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

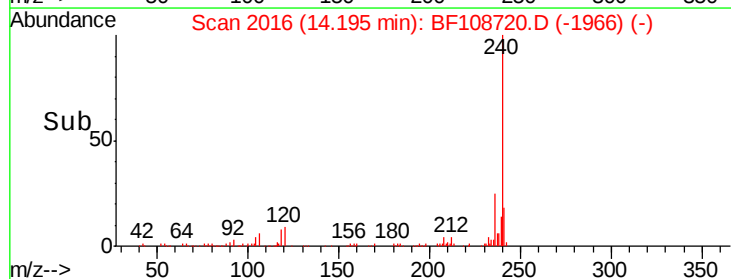
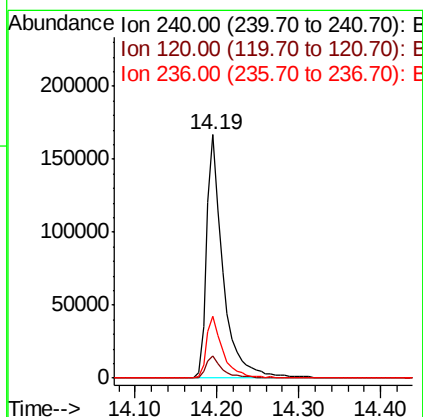
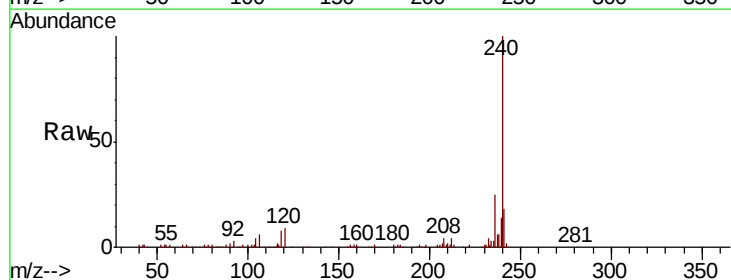
Instrument :
BNA_F
ClientSampleId :

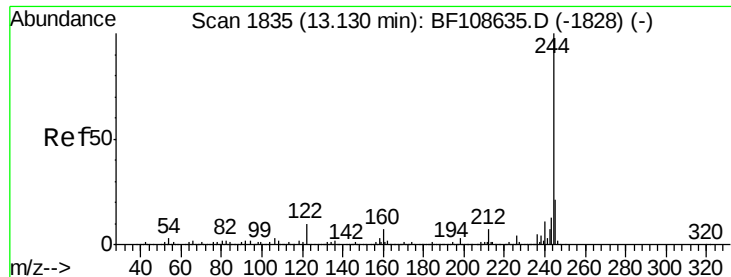
Tot Ion:188 Resp: 254110
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108720.D
Acq: 1 Sep 2018 6:02

Tgt Ion:240 Resp: 232983
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.4 20.7 31.1

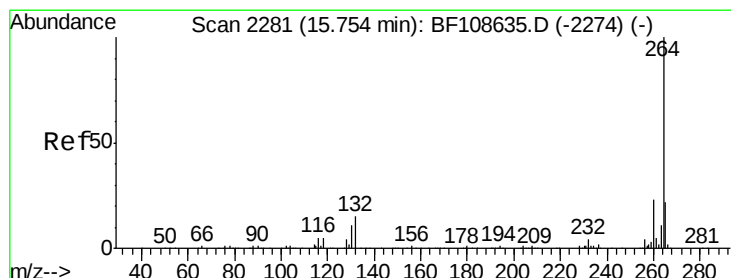
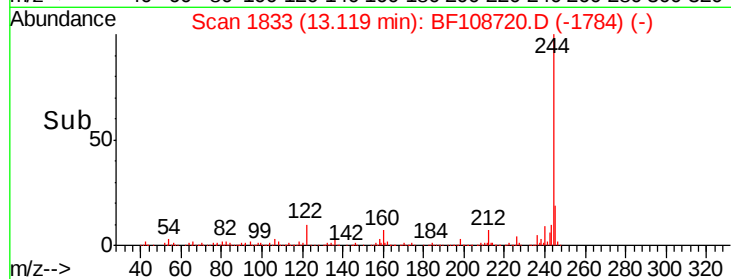
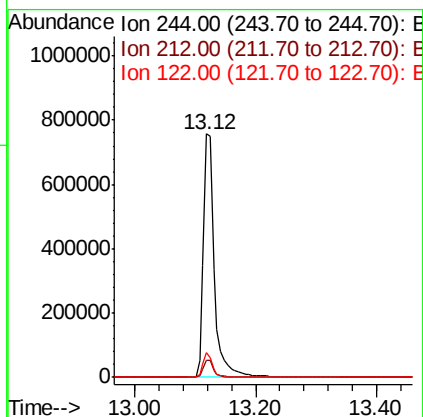
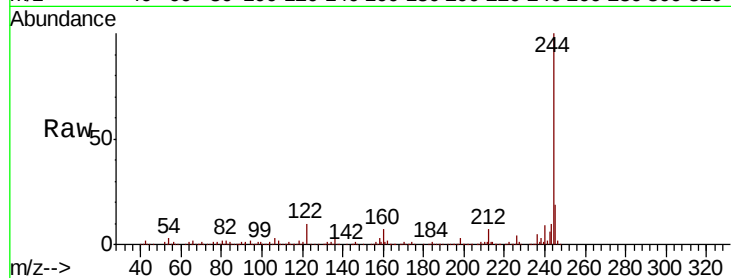




#78
 Terphenyl-d14
 Concen: 79.961 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 958822
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF108720.D
 Acq: 1 Sep 2018 6:02

Tgt Ion:264 Resp: 152676
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.7 17.5 26.3

