

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108717.D
 Acq On : 1 Sep 2018 4:41
 Operator : JU/SJ
 Sample : J4729-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 05:08:54 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	58634	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	229543	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	99611	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	211956	20.00	ng	0.00
75) Chrysene-d12	14.20	240	218944	20.00	ng	0.00
86) Perylene-d12	15.75	264	149930	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	17806	5.28	ng	0.02
7) Phenol-d6	6.66	99	42890	8.87	ng	0.01
23) Nitrobenzene-d5	7.57	82	451883	99.92	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	110654	84.15	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	866684	116.99	ng	0.00
78) Terphenyl-d14	13.12	244	966290	85.75	ng	-0.01

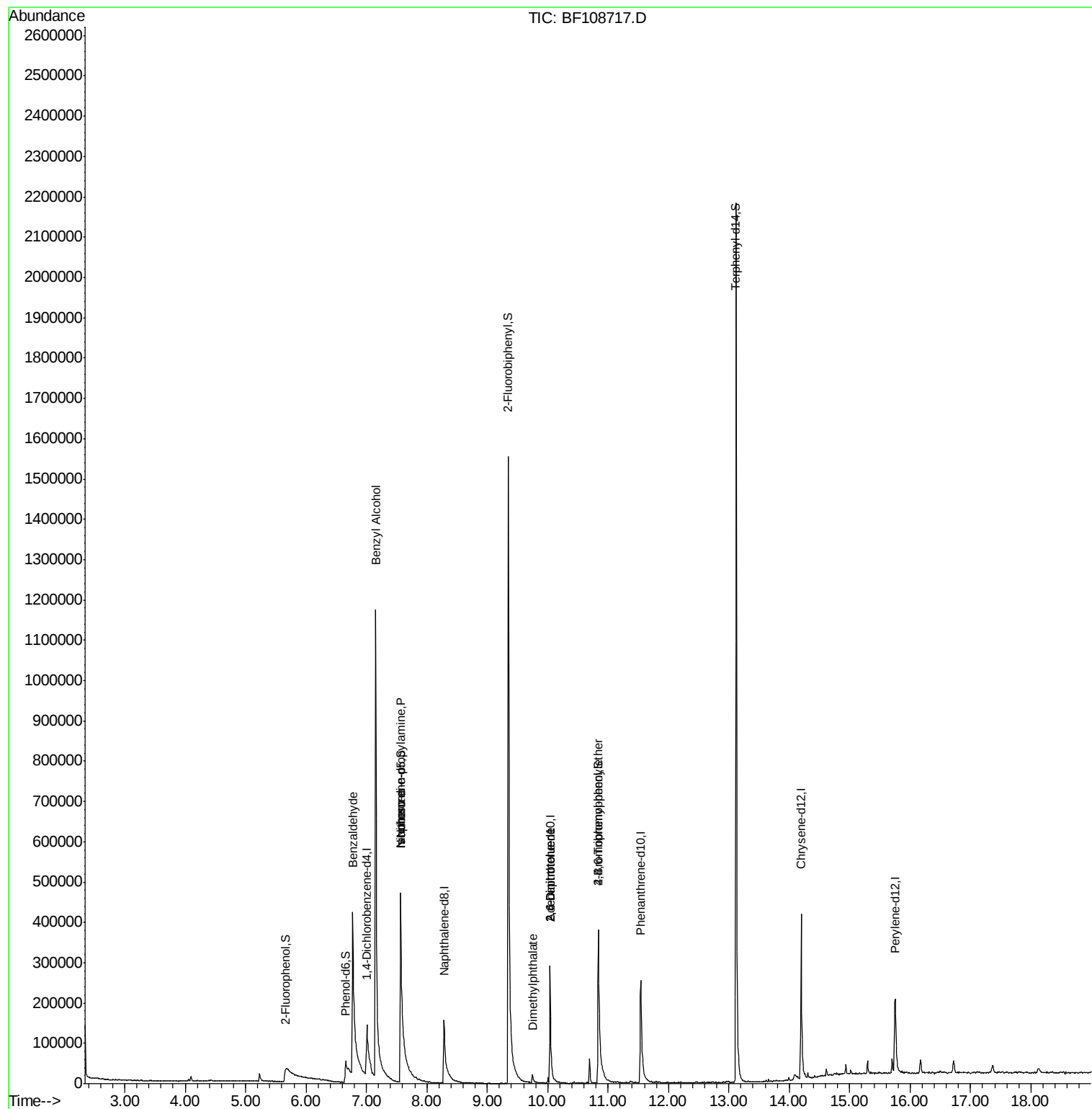
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	6303	2.110	ng	# 68
15) Benzyl Alcohol	7.15	79	7595	2.184	ng	# 35
19) n-Nitroso-di-n-propylamine	7.57	70	52169	16.115	ng	# 85
25) Isophorone	7.57	82	451883	60.153	ng	# 64
49) Dimethylphthalate	9.75	163	23375	2.980	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	11344	6.561	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	11475	5.012	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	6251	2.400	ng	# 1

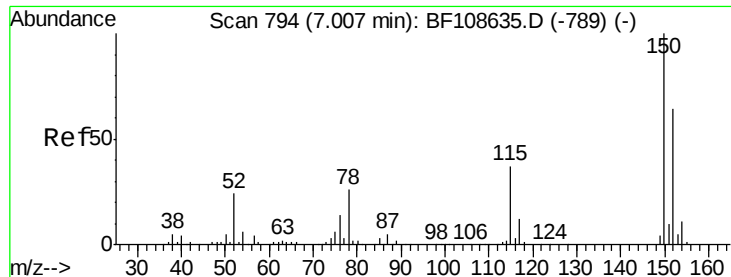
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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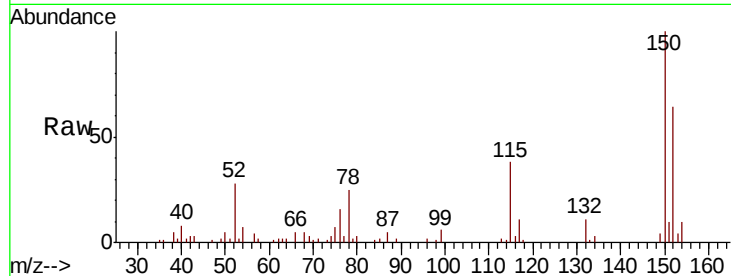


#1

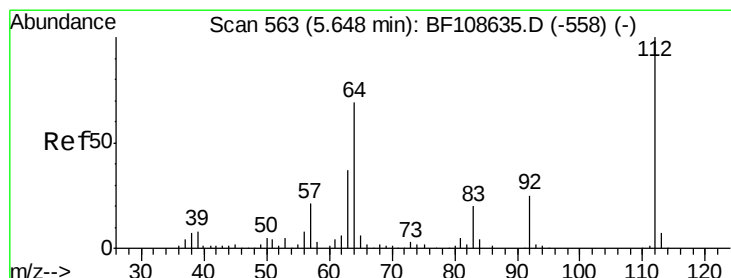
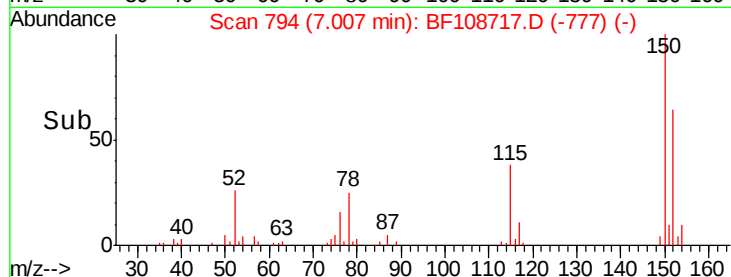
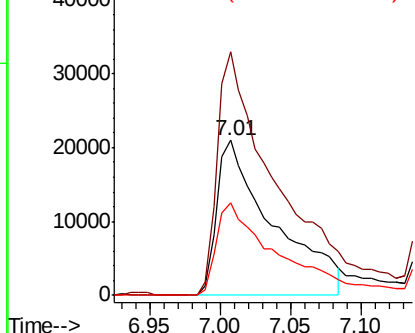
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58634
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 59.6 50.1 75.1



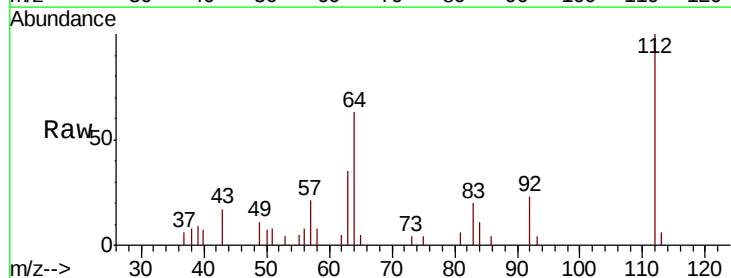
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



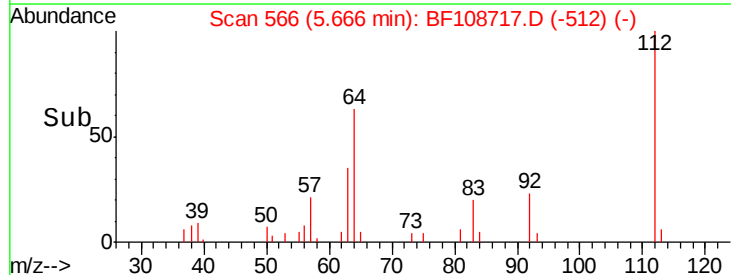
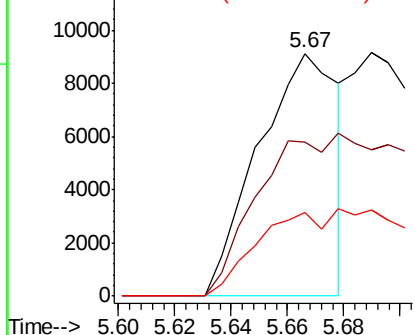
#5

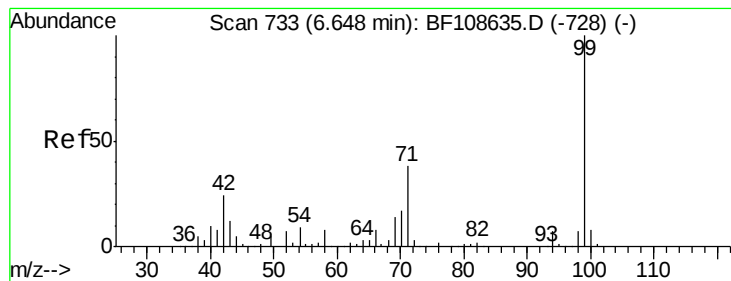
2-Fluorophenol
Concen: 5.276 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Tgt Ion:112 Resp: 17806
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 34.7 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: 8.872 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108717.D

Acq: 1 Sep 2018 4:41

Instrument :

BNA_F

ClientSampled :

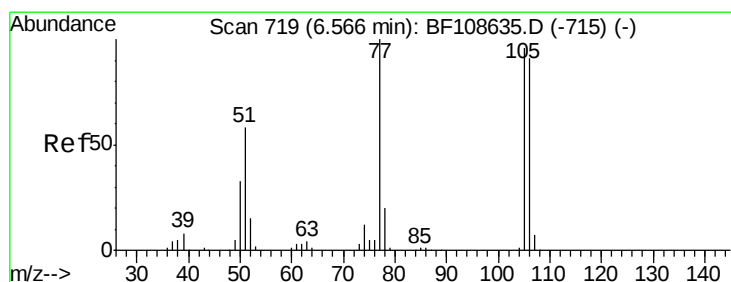
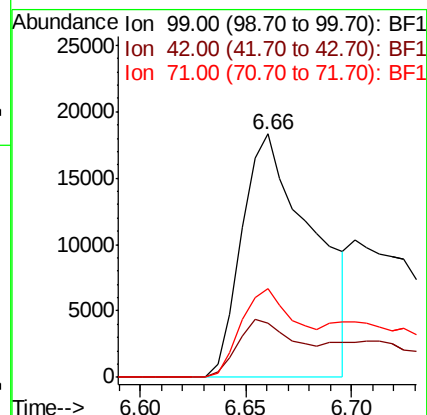
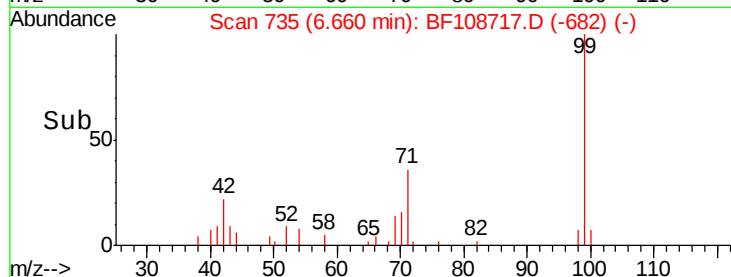
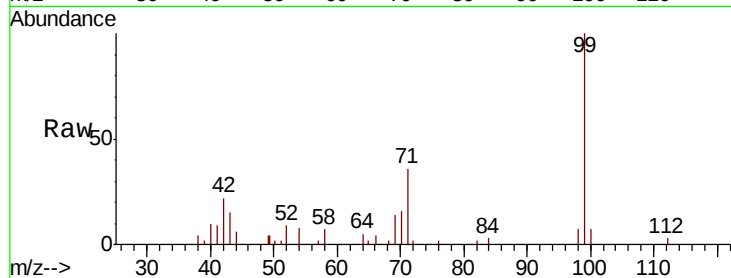
Tot Ion: 99 Resp: 42890

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 36.2 25.4 38.0



#9

Benzaldehyde

Concen: 2.110 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108717.D

Acq: 1 Sep 2018 4:41

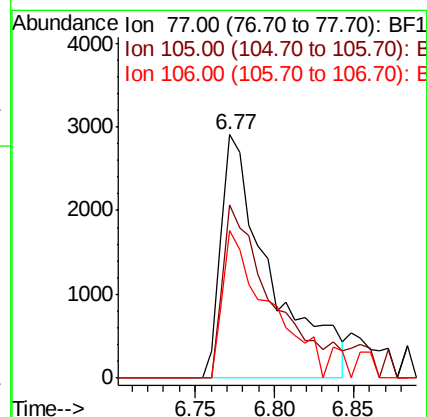
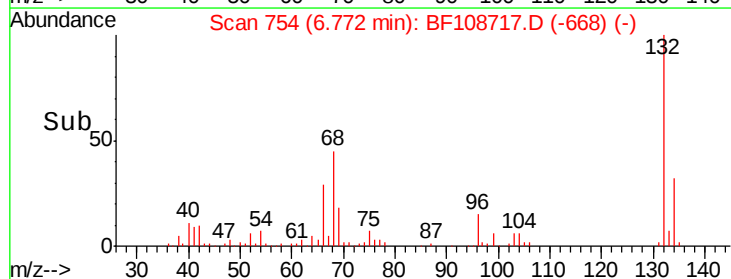
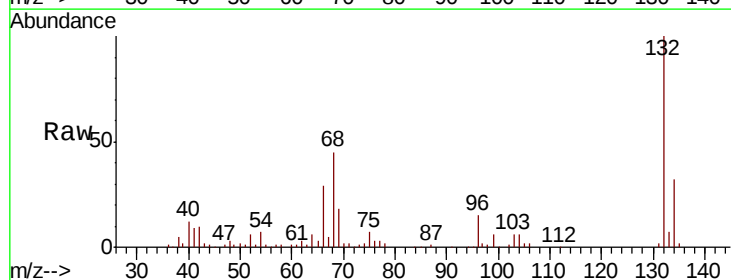
Tgt Ion: 77 Resp: 6303

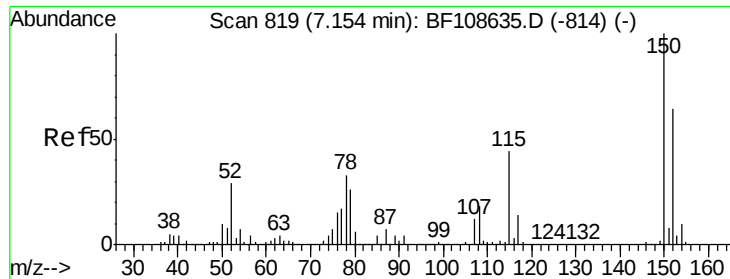
Ion Ratio Lower Upper

77 100

105 71.3 81.1 121.1#

106 60.4 74.5 114.5#

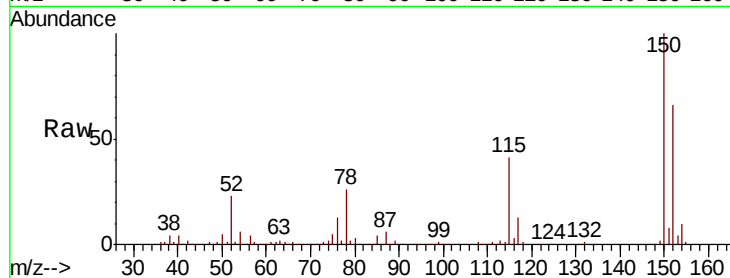




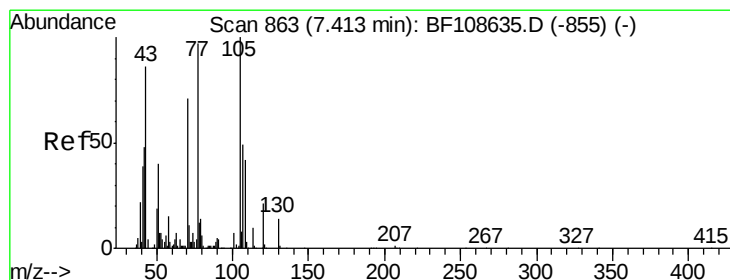
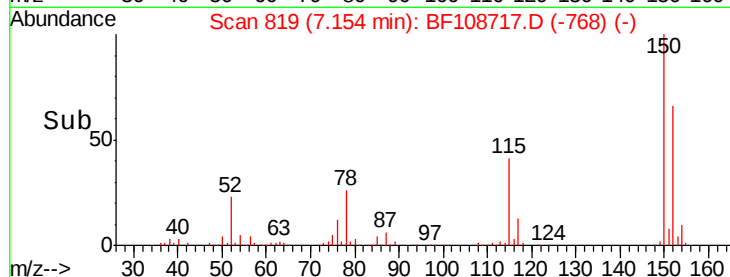
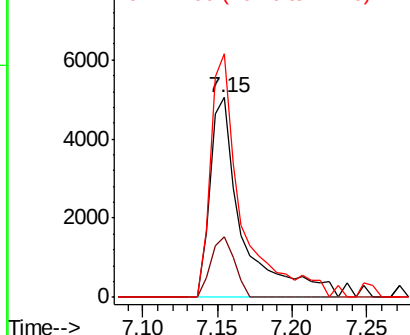
#15
Benzyl Alcohol
Concen: 2.184 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 7595
Ion Ratio Lower Upper
79 100
108 30.6 65.1 97.7#
77 121.9 50.6 75.8#

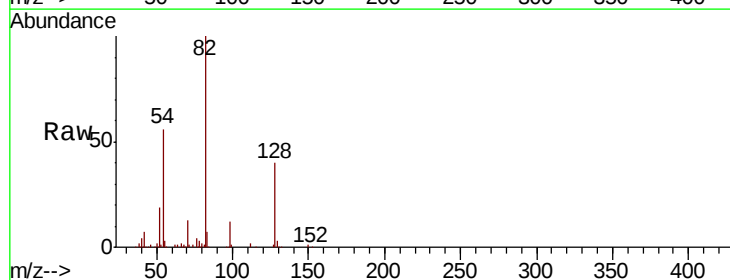


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

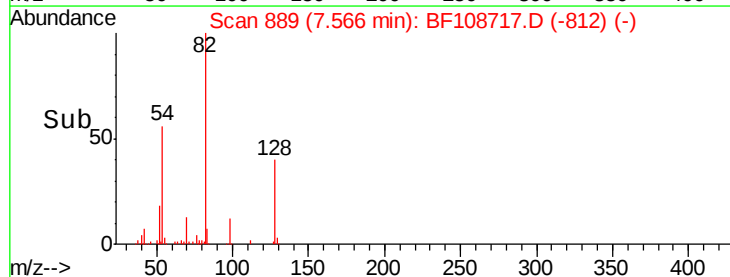
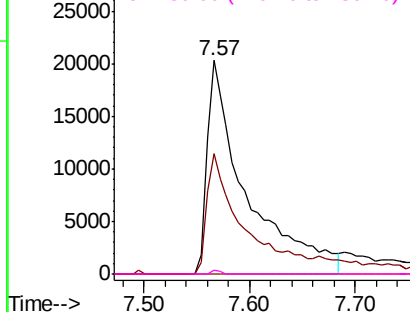


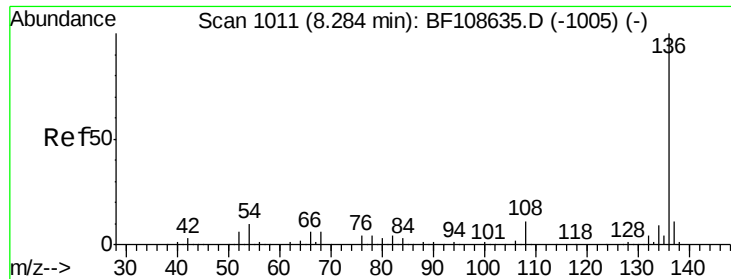
#19
n-Nitroso-di-n-propylamine
Concen: 16.115 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Tgt Ion: 70 Resp: 52169
Ion Ratio Lower Upper
70 100
42 56.2 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



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

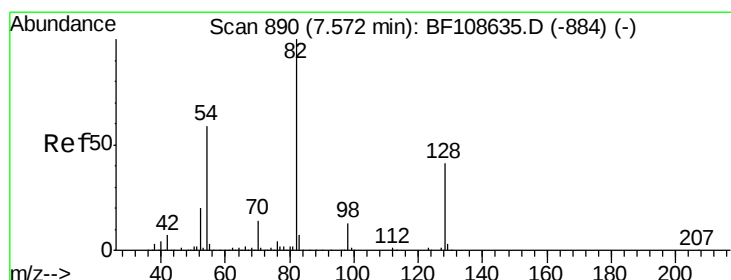
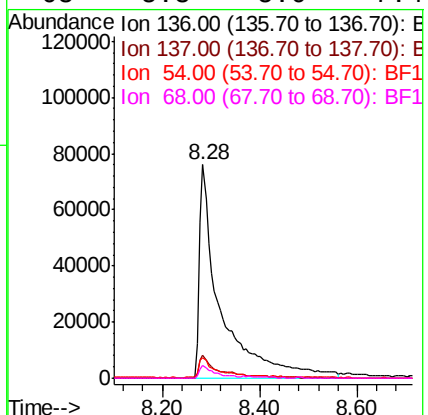
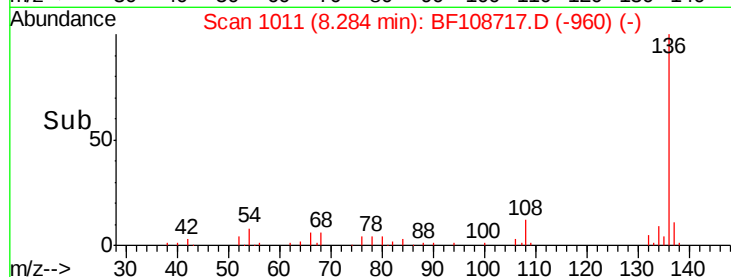
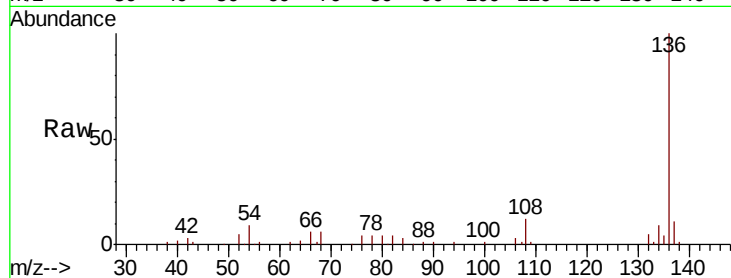




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

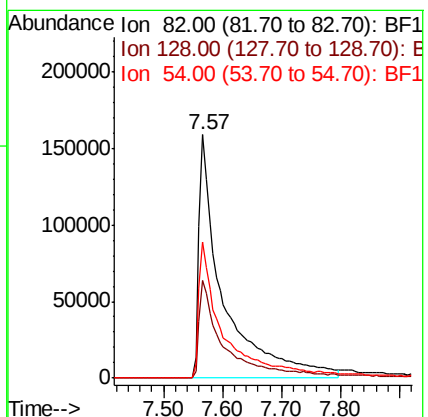
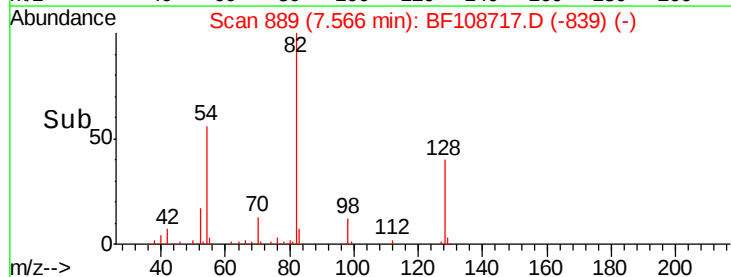
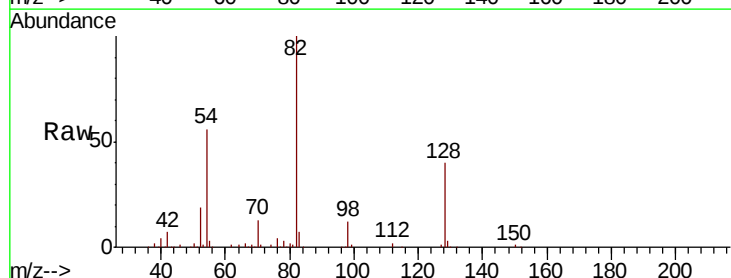
Instrument :
BNA_F
ClientSampleId :

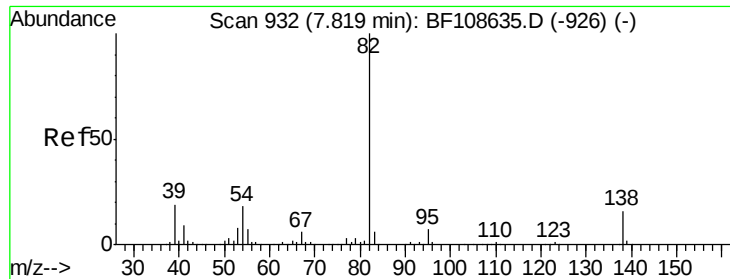
Tot Ion:136	Resp:	229543
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.4	6.6 9.8
68	5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 99.924 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Tgt Ion: 82	Resp:	451883
Ion Ratio	Lower	Upper
82	100	
128	40.3	36.1 54.1
54	56.1	41.4 62.2





#25

Isophorone

Concen: 60.153 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108717.D

Acq: 1 Sep 2018 4:41

Instrument :

BNA_F

ClientSampleId :

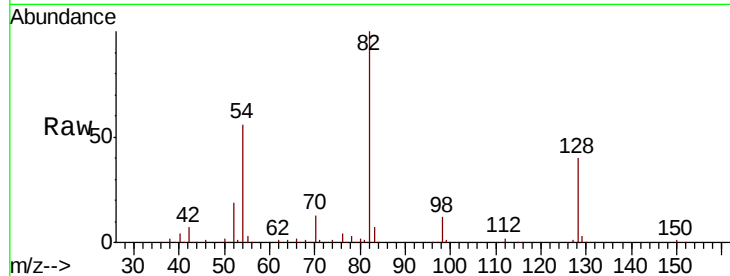
Tot Ion: 82 Resp: 451883

Ion Ratio Lower Upper

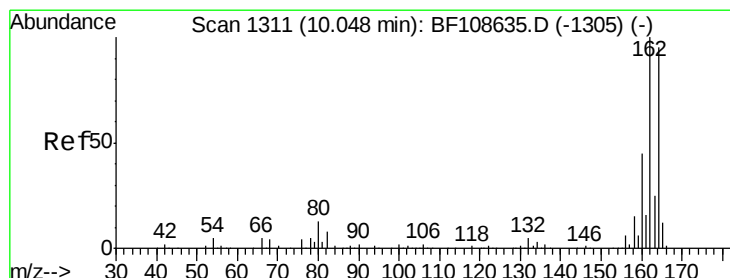
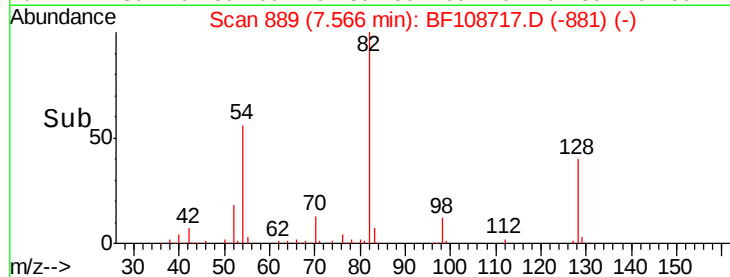
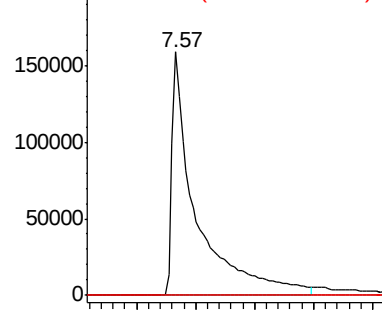
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF108717.D

Acq: 1 Sep 2018 4:41

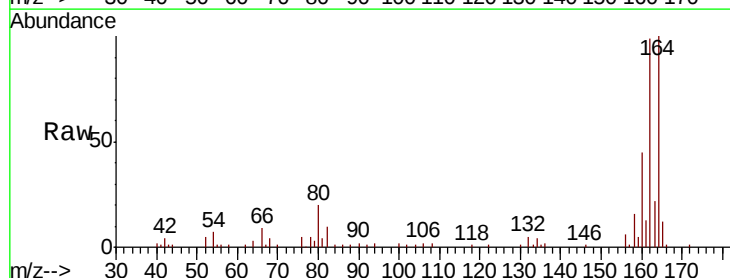
Tgt Ion:164 Resp: 99611

Ion Ratio Lower Upper

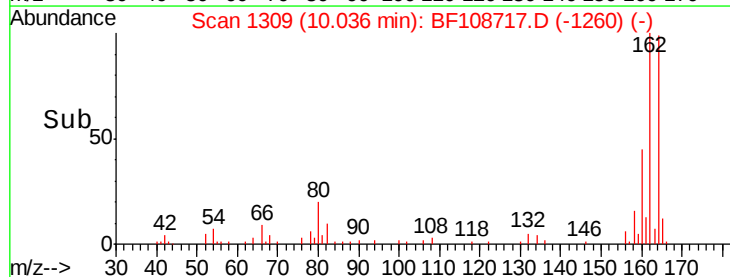
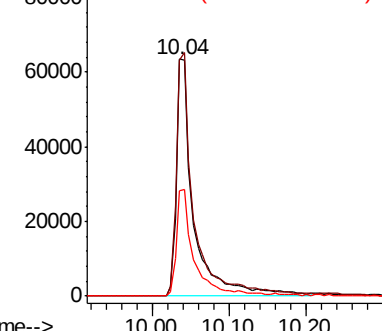
164 100

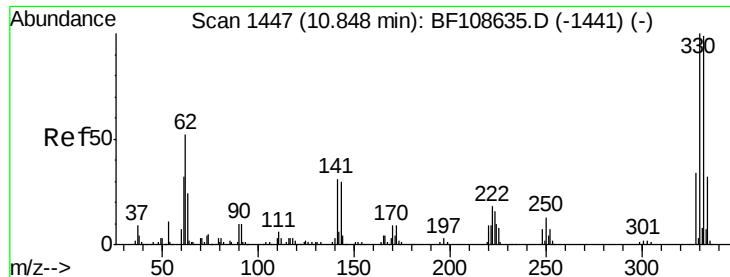
162 99.3 86.1 129.1

160 44.7 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

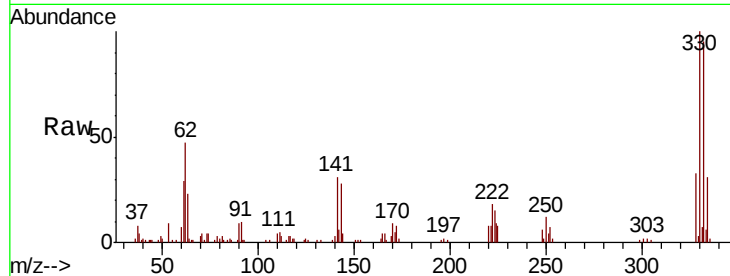




#41
 2,4,6-Tribromophenol
 Concen: 84.148 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108717.D
 Acq: 1 Sep 2018 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	30.5	29.9	44.9

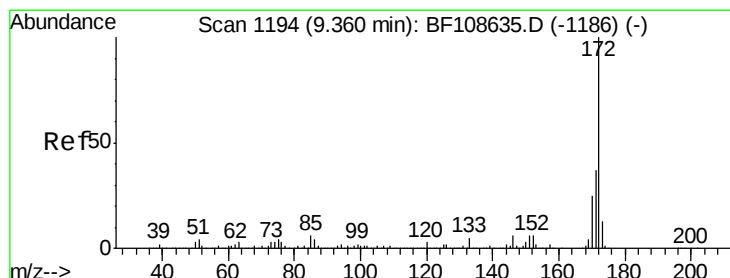
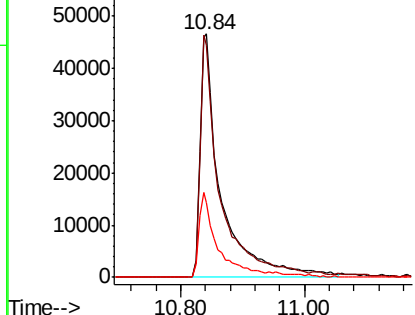
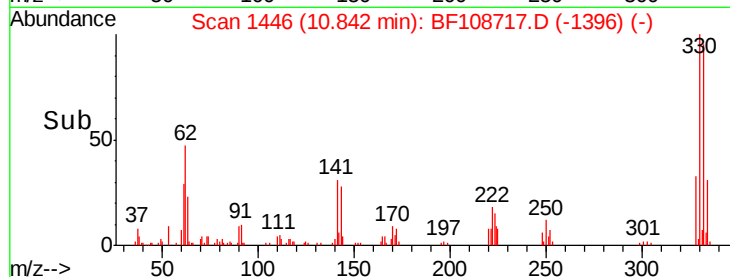


Abundance

Ion 329.80 (329.50 to 330.50): E

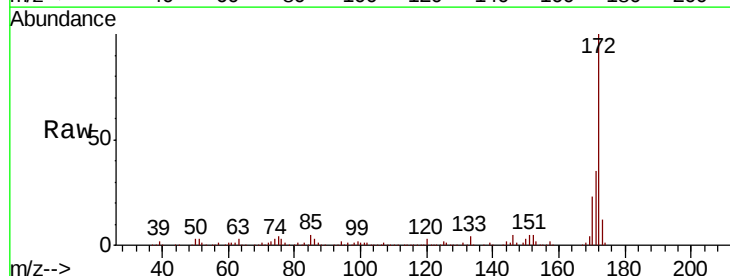
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.987 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108717.D
 Acq: 1 Sep 2018 4:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.0	19.6	29.4

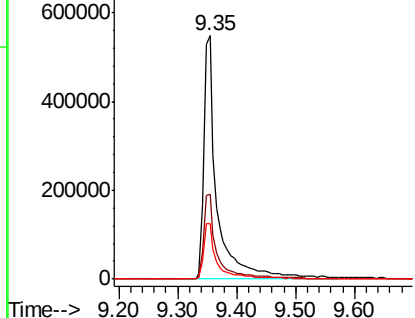
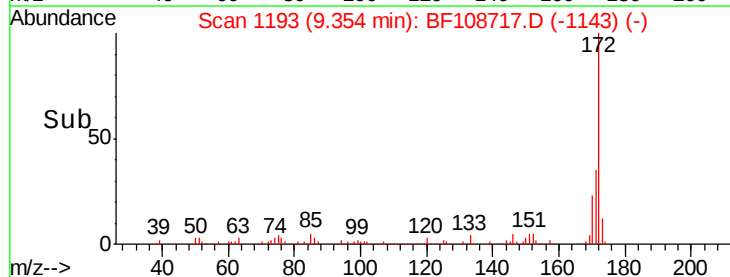


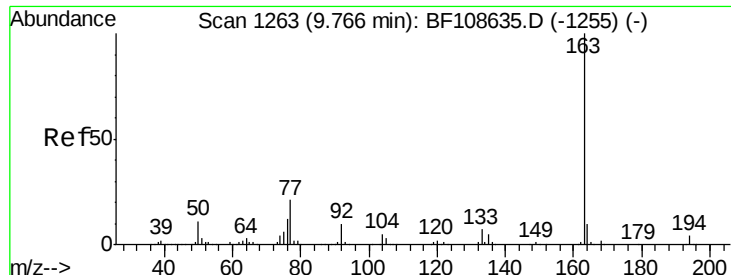
Abundance

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

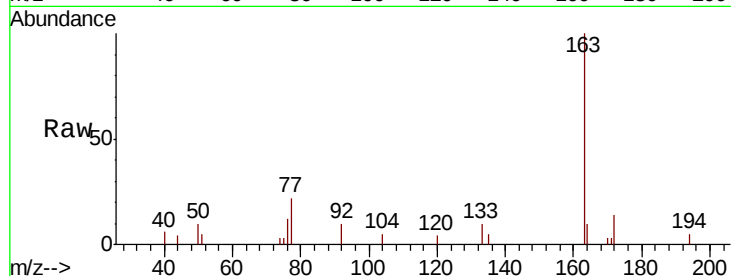




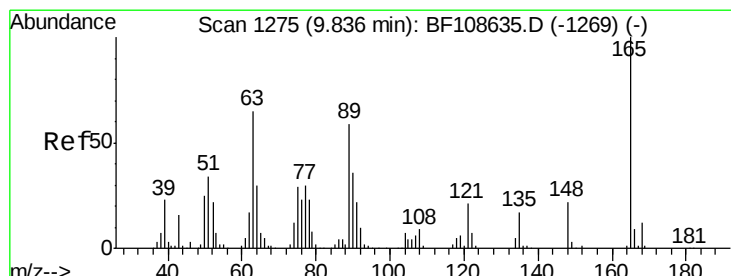
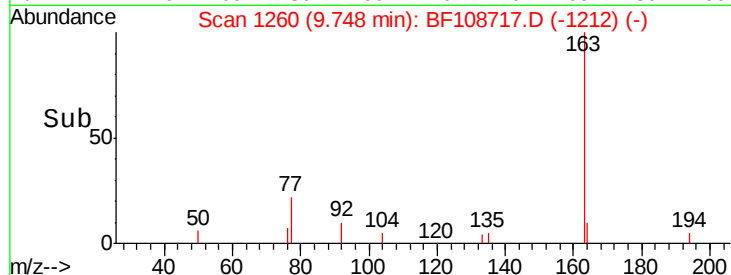
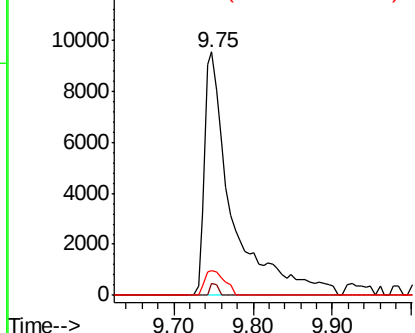
#49
Dimethylphthalate
Concen: 2.980 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 23375
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 10.3 8.2 12.2

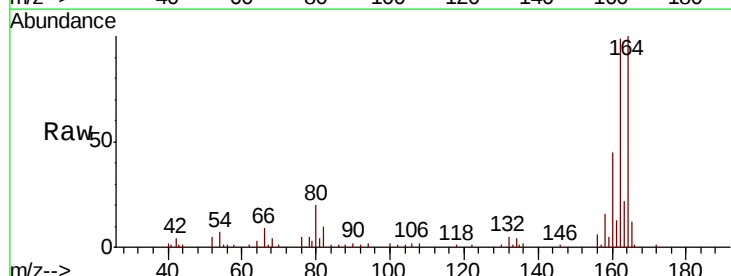


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

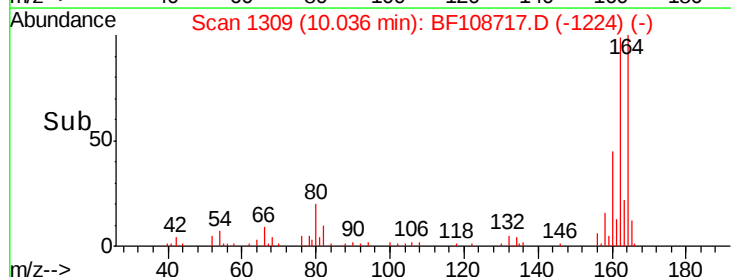
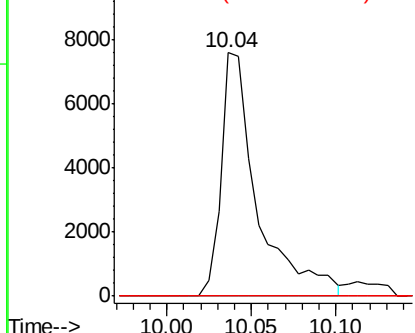


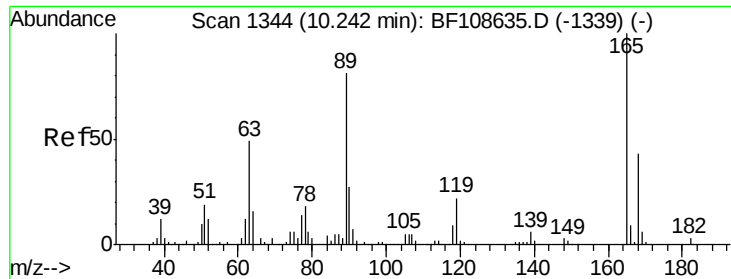
#50
2,6-Dinitrotoluene
Concen: 6.561 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Tgt Ion:165 Resp: 11344
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

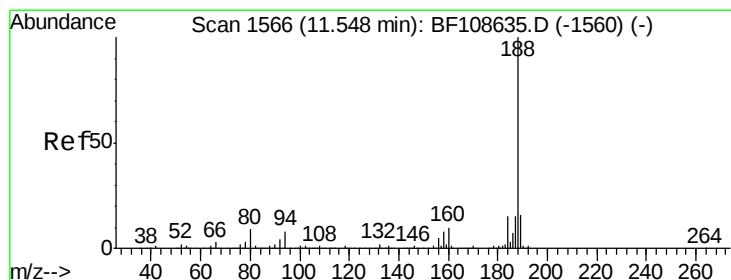
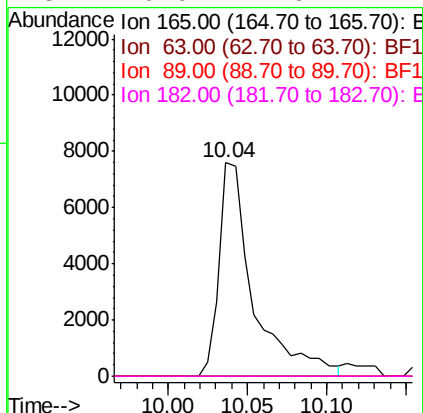
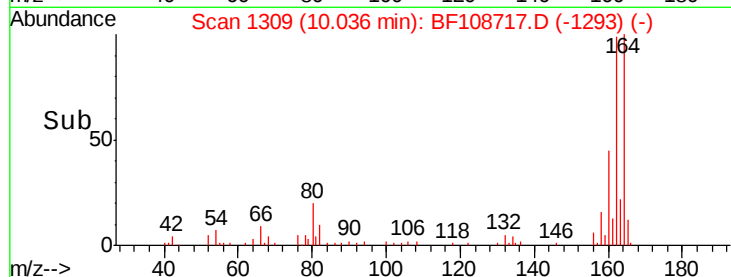
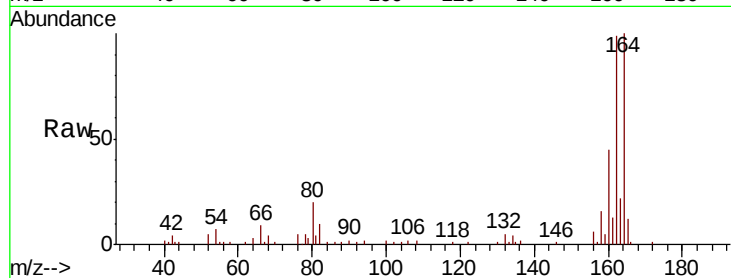




#56
2,4-Dinitrotoluene
Concen: 5.012 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

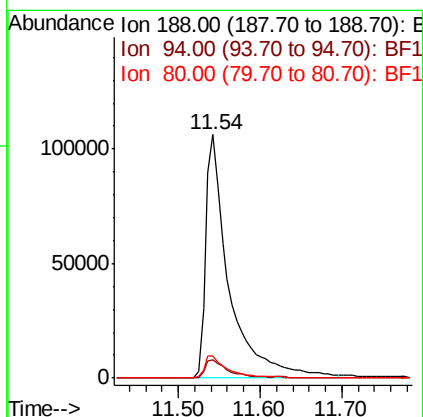
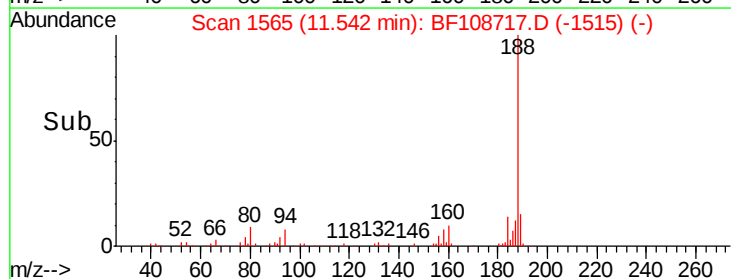
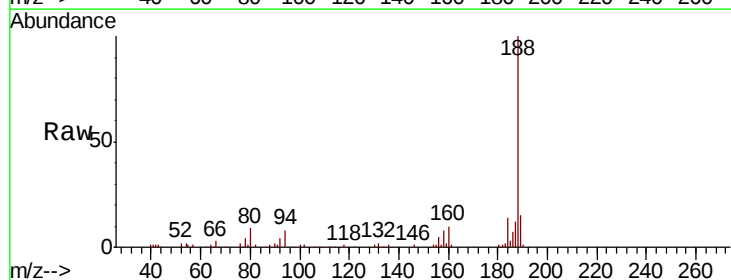
Instrument :
BNA_F
ClientSampleId :

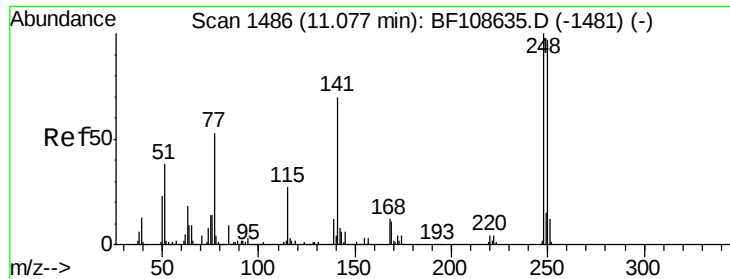
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108717.D
Acq: 1 Sep 2018 4:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	9.0	9.2	13.8#

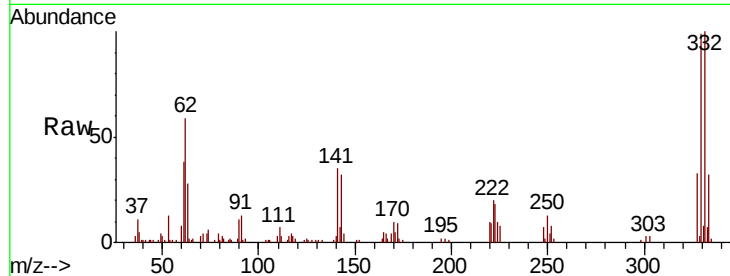




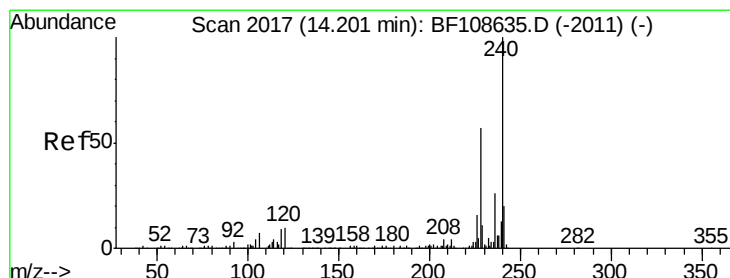
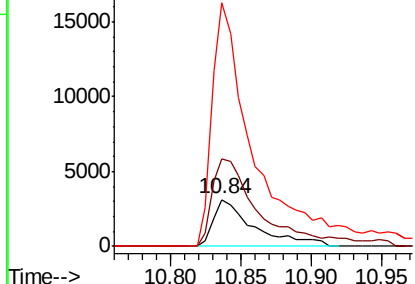
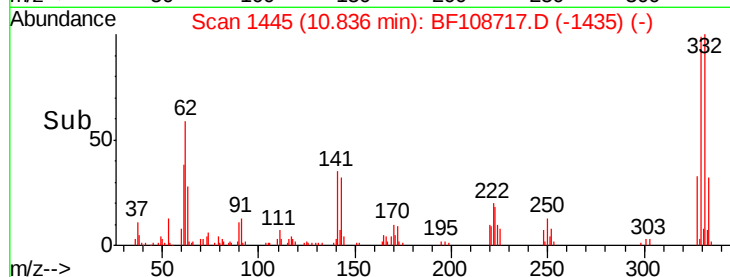
#66
 4-Bromophenyl-phenylether
 Concen: 2.400 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108717.D
 Acq: 1 Sep 2018 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6251
 Ion Ratio Lower Upper
 248 100
 250 185.7 76.9 115.3#
 141 520.4 74.4 111.6#

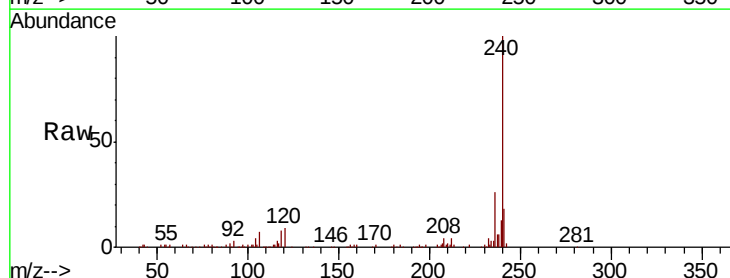


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

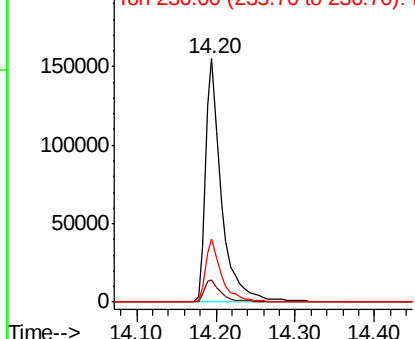
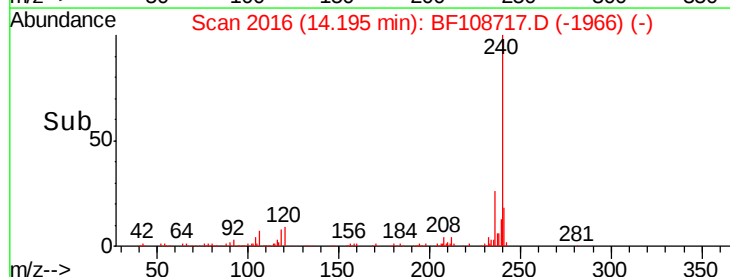


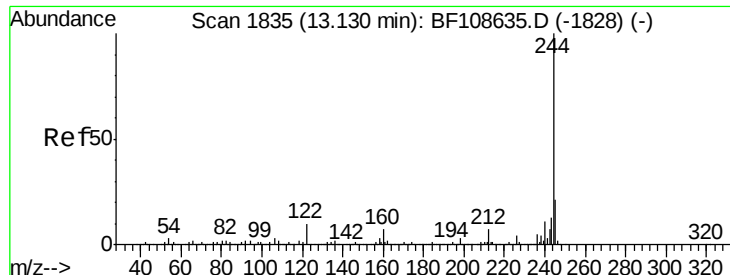
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108717.D
 Acq: 1 Sep 2018 4:41

Tgt Ion:240 Resp: 218944
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.5 14.3#
 236 26.2 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





#78

Terphenyl-d14

Concen: 85.750 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108717.D

Acq: 1 Sep 2018 4:41

Instrument :

BNA_F

ClientSampled :

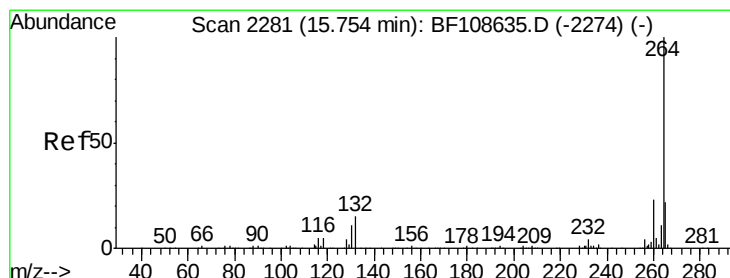
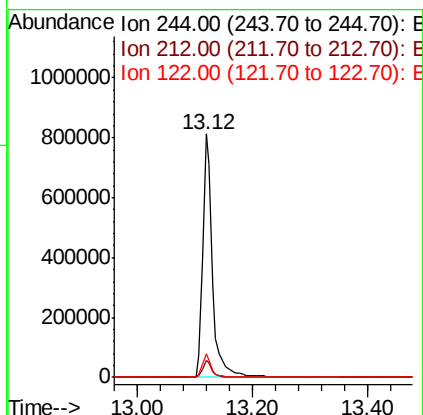
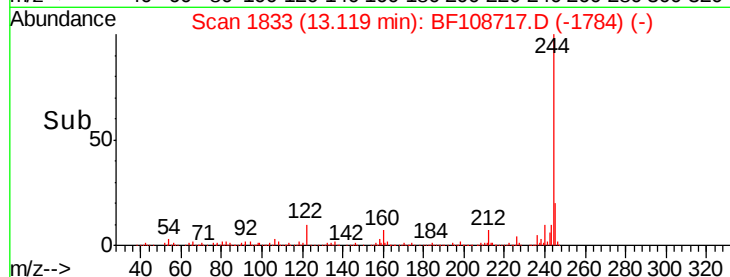
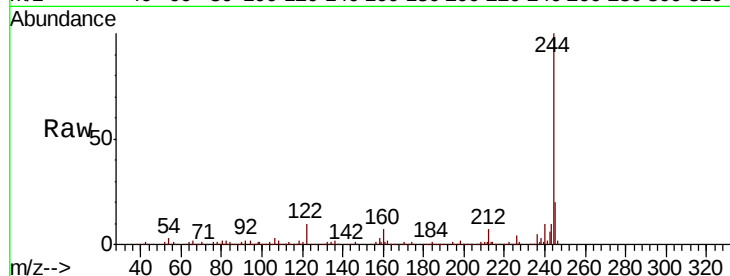
Tot Ion:244 Resp: 966290

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 9.8 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: BF108717.D

Acq: 1 Sep 2018 4:41

Tgt Ion:264 Resp: 149930

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.0 17.5 26.3

