

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108328.D
 Acq On : 21 Aug 2018 10:23
 Operator : JU/SJ
 Sample : J4500-16RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 21 11:29:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

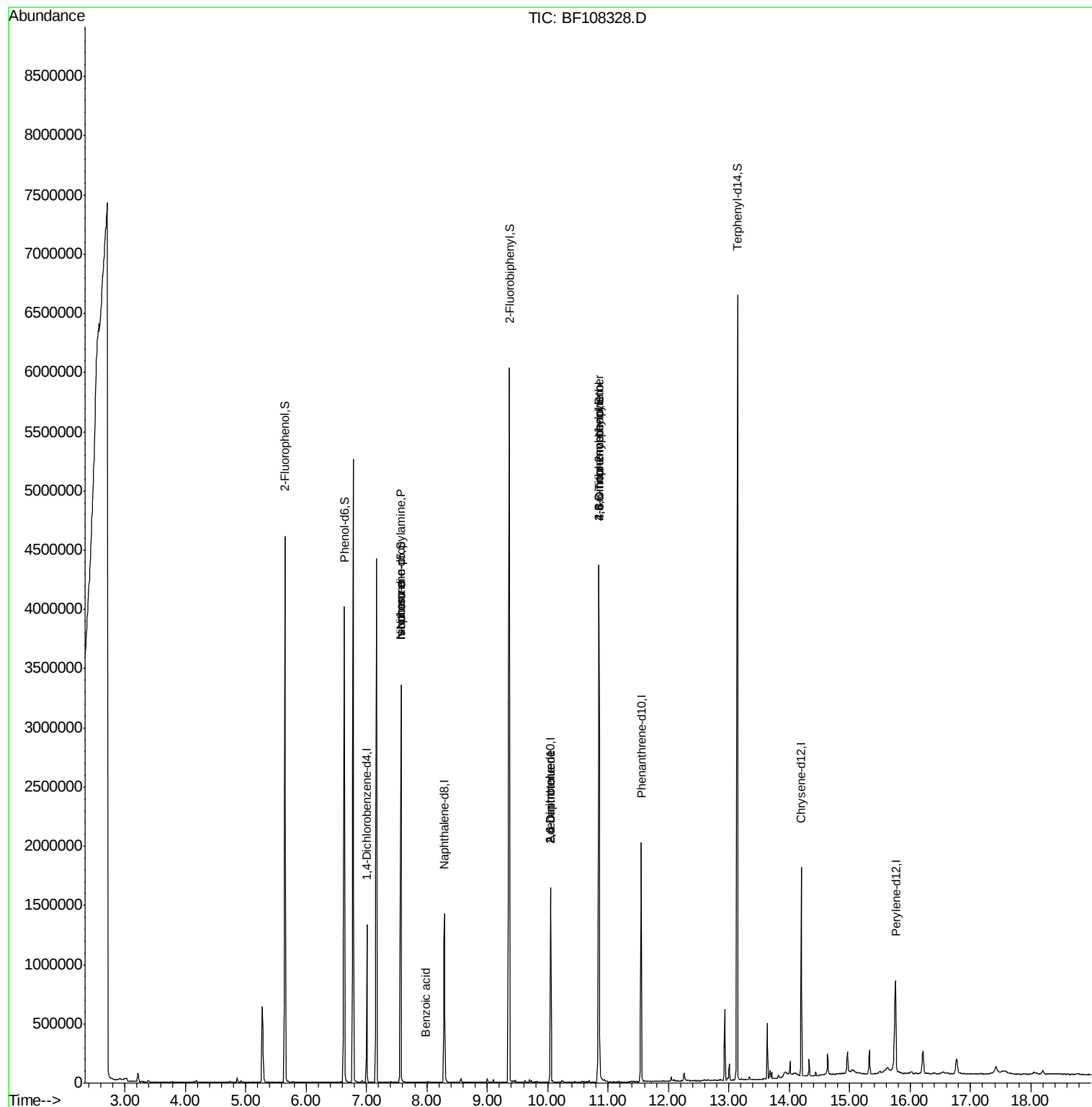
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	182508	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	677312	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	344660	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	722117	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	583919	20.00	ng	-0.02
86) Perylene-d12	15.76	264	385254	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1233419	122.35	ng	0.02
7) Phenol-d6	6.64	99	1454526	108.58	ng	0.00
23) Nitrobenzene-d5	7.57	82	1245003	102.57	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	608712	177.06	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2195038	102.25	ng	-0.01
78) Terphenyl-d14	13.14	244	2634629	114.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	171238	18.903	ng	# 81
25) Isophorone	7.57	82	1241113	53.646	ng	# 64
32) Benzoic acid	7.98	122	907	6.108	ng	92
50) 2,6-Dinitrotoluene	10.05	165	44771	8.913	ng	# 25
56) 2,4-Dinitrotoluene	10.05	165	44771	6.924	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1287	5.780	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	39960	5.092	ng	# 1

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

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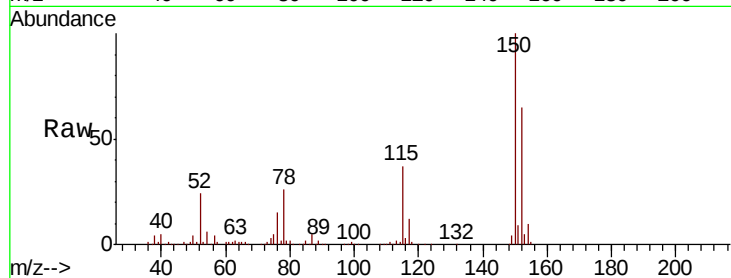


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	57.7	50.1	75.1

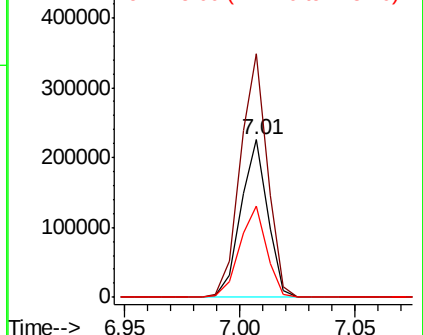
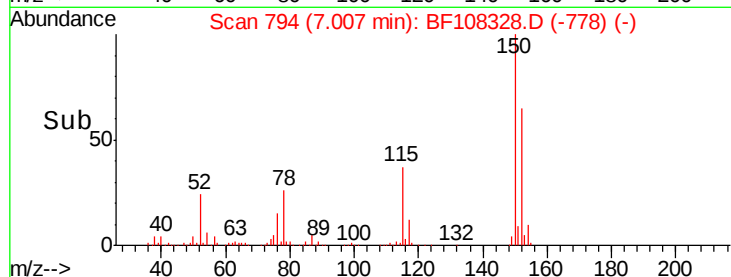


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

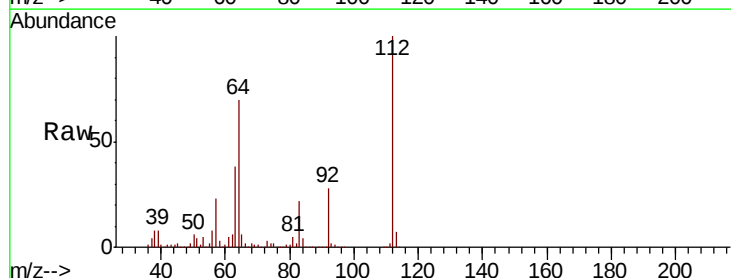
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.354 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	47.9	71.9
63	37.5	23.7	35.5

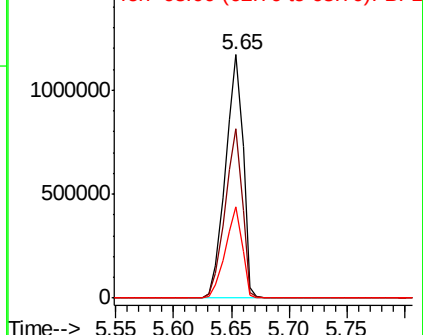
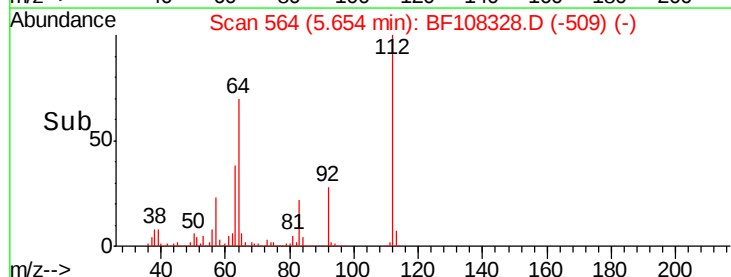


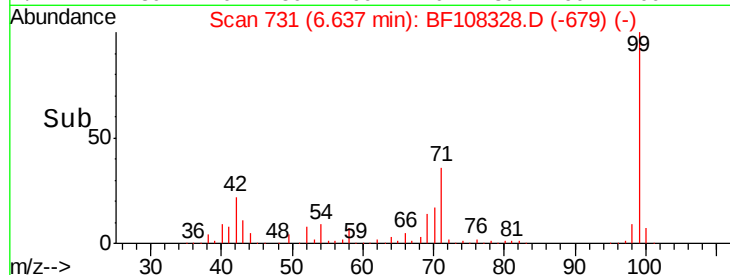
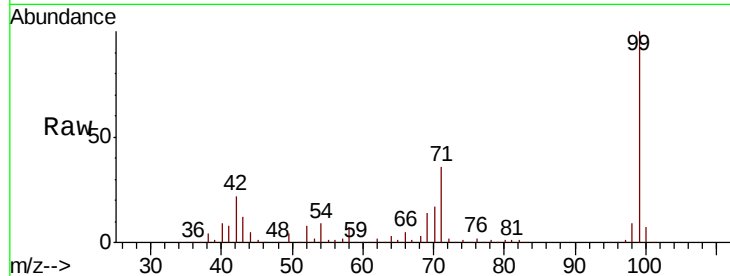
Abundance

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: 108.579 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

Instrument :

BNA_F

ClientSampleId :

TP-7

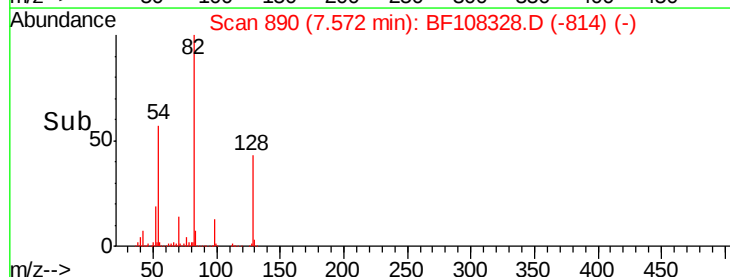
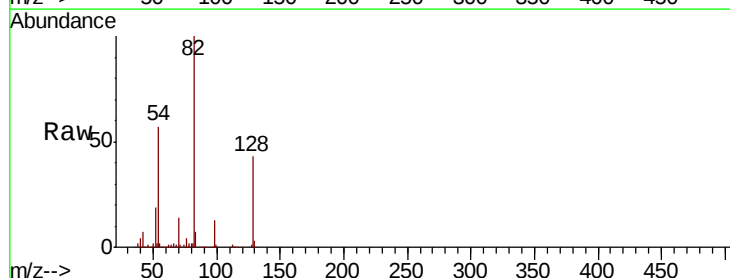
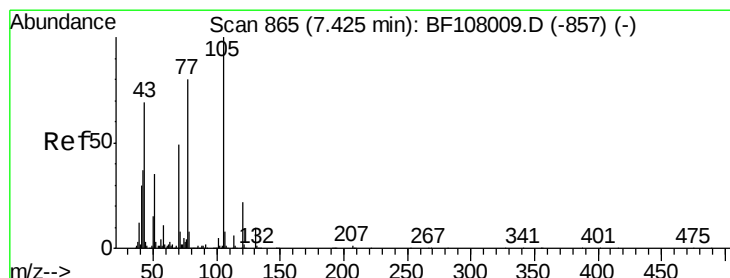
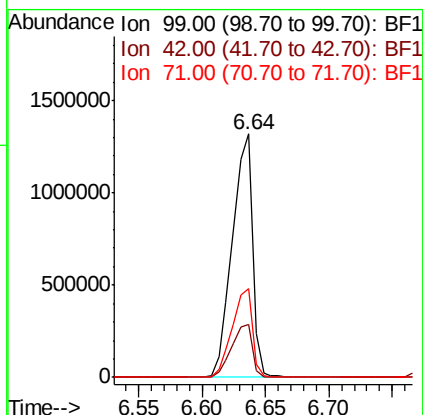
Tot Ion: 99 Resp: 1454526

Ion Ratio Lower Upper

99 100

42 21.8 14.5 21.7#

71 36.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.903 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

Tgt Ion: 70 Resp: 171238

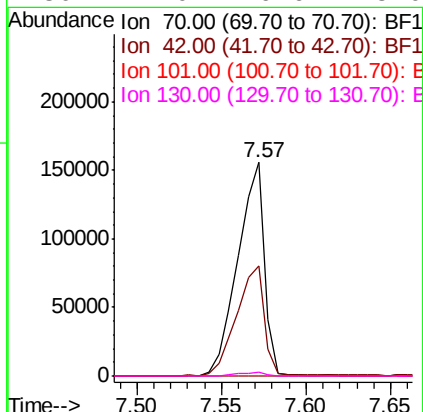
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

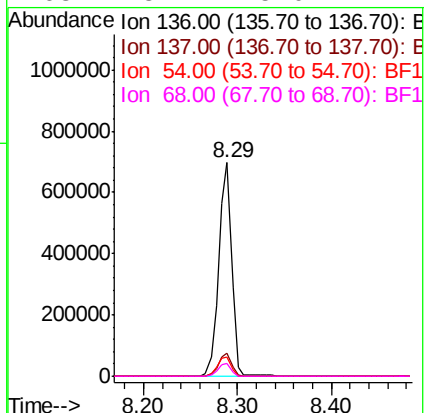
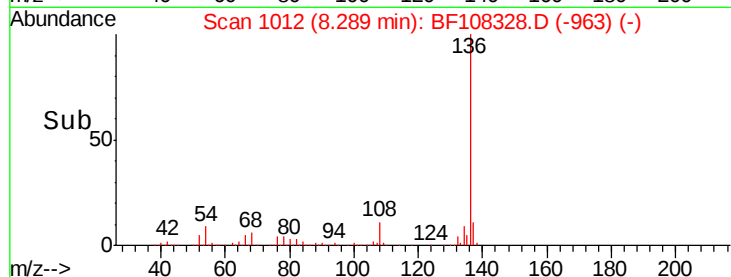
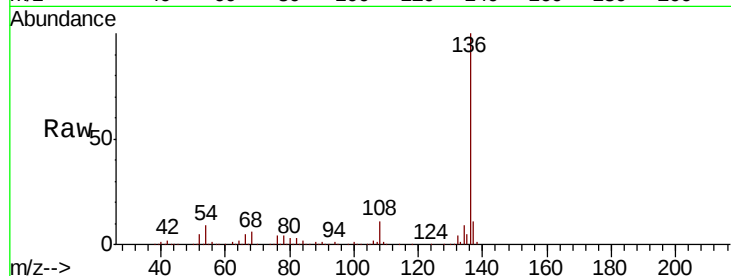




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

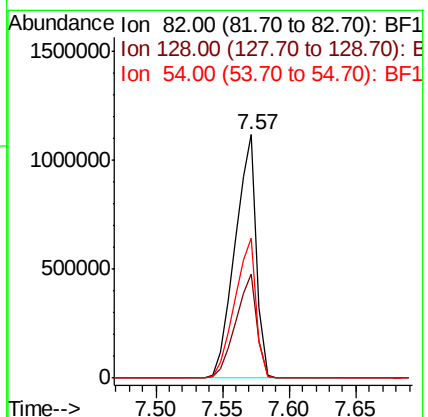
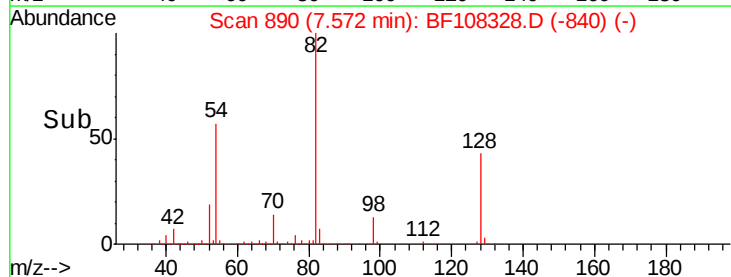
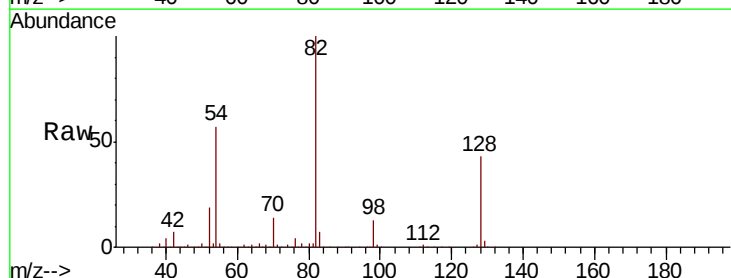
Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:136	Resp:	677312
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.0	6.6 9.8
68	5.7	5.0 7.4



#23
Nitrobenzene-d5
Concen: 102.572 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Tgt Ion: 82	Resp:	1245003
Ion	Ratio	Lower Upper
82	100	
128	42.7	36.1 54.1
54	57.4	41.4 62.2





#25

Isophorone

Concen: 53.646 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

Instrument :

BNA_F

ClientSampleId :

TP-7

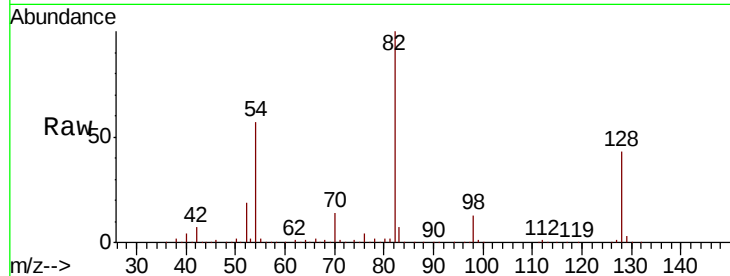
Tot Ion: 82 Resp: 1241113

Ion Ratio Lower Upper

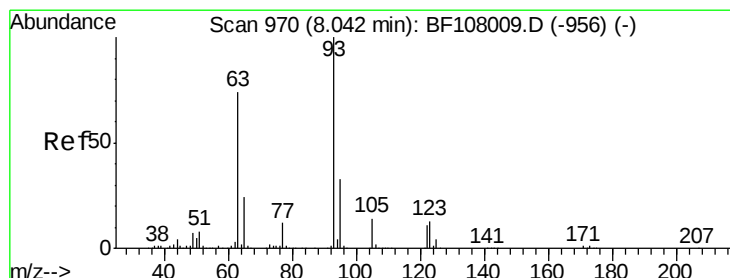
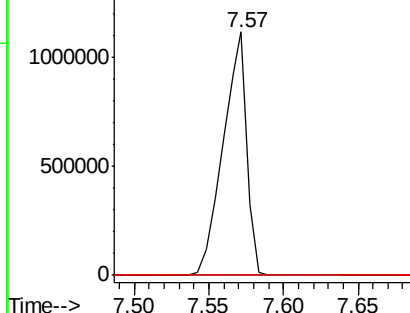
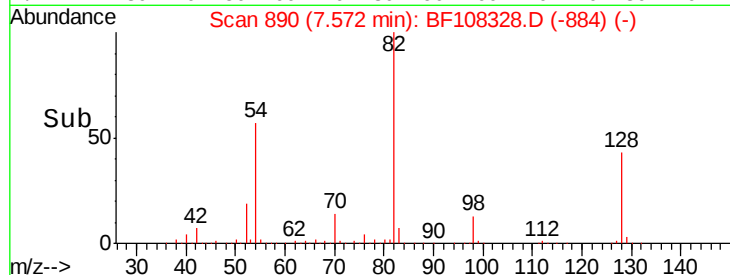
82 100

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



#32

Benzoic acid

Concen: 6.108 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

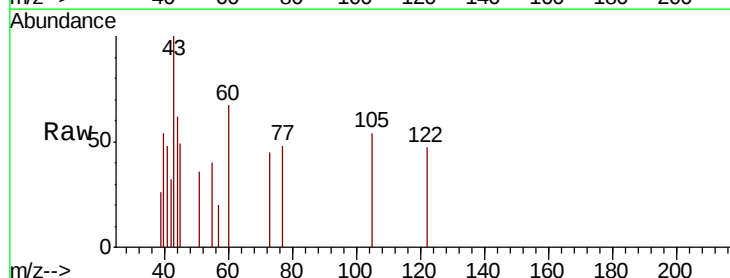
Tgt Ion: 122 Resp: 907

Ion Ratio Lower Upper

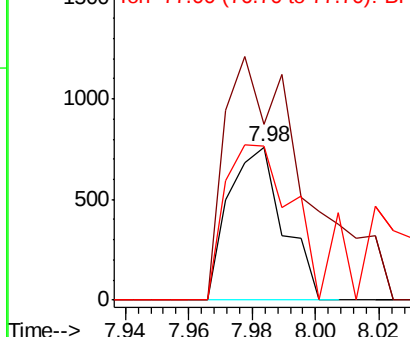
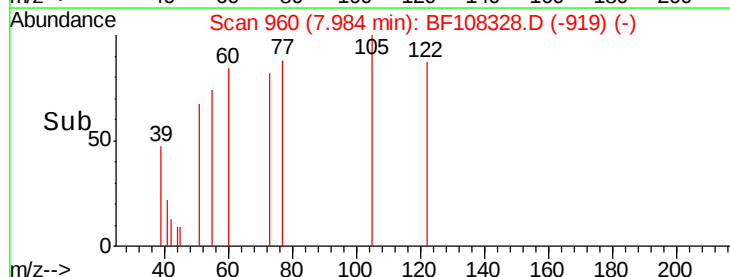
122 100

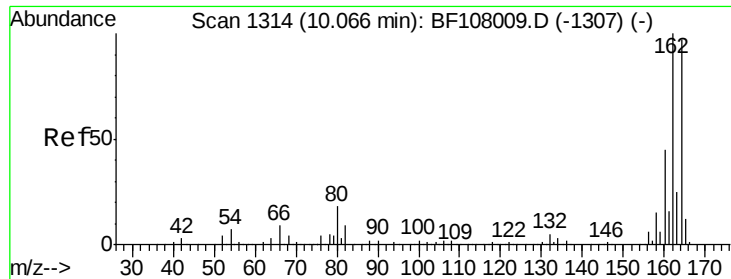
105 114.4 101.1 141.1

77 100.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

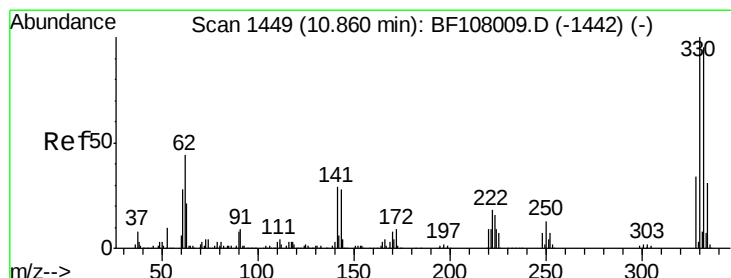
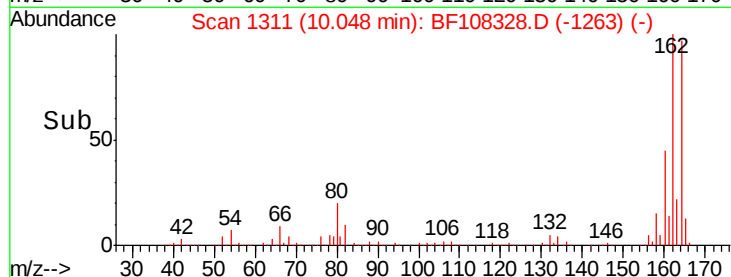
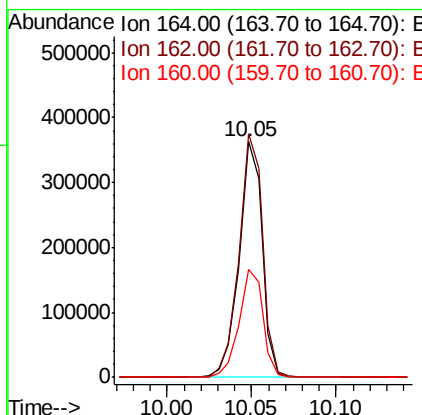
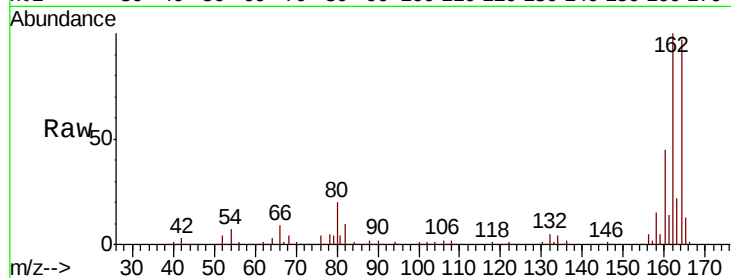




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

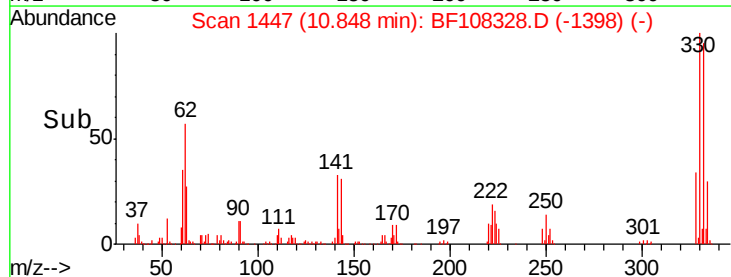
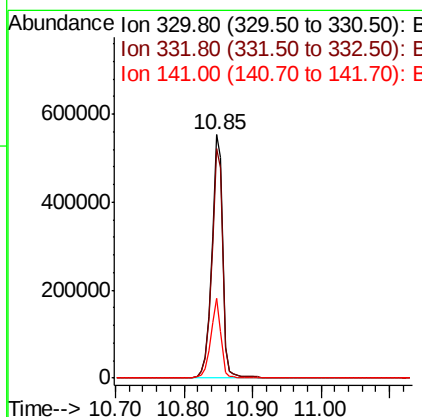
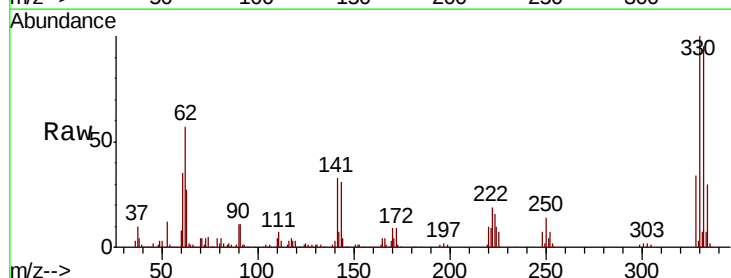
Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion:164 Resp: 344660
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 177.059 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

Tgt Ion:330 Resp: 608712
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 31.0 29.9 44.9

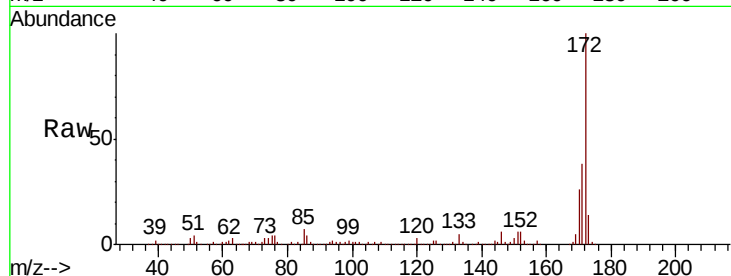




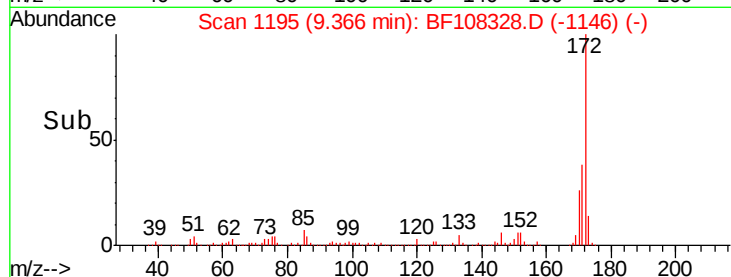
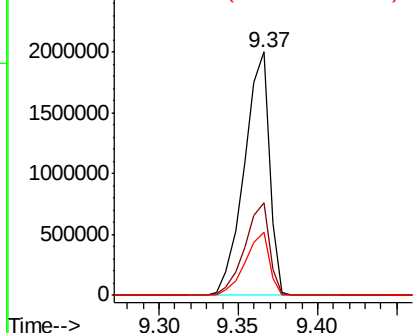
#44
2-Fluorobiphenyl
Concen: 102.248 ng
RT: 9.37 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion:172 Resp: 2195038
Ion Ratio Lower Upper
172 100
171 38.1 29.7 44.5
170 25.9 19.6 29.4

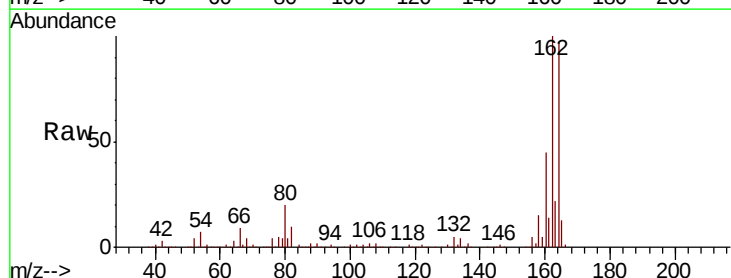


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

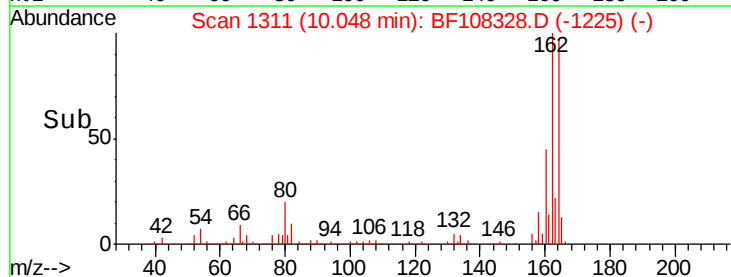
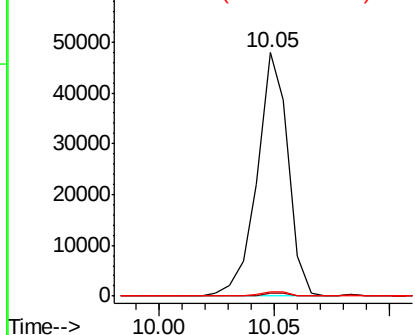


#50
2,6-Dinitrotoluene
Concen: 8.913 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.21 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Tgt Ion:165 Resp: 44771
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.6 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

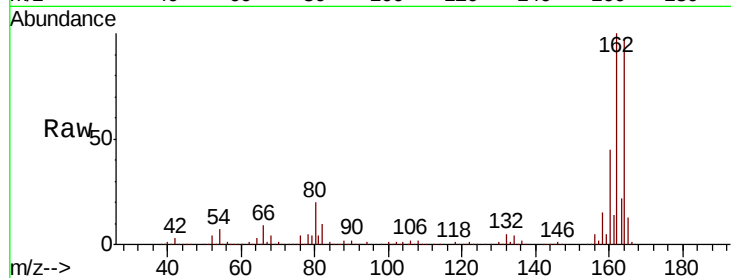




#56
 2,4-Dinitrotoluene
 Concen: 6.924 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

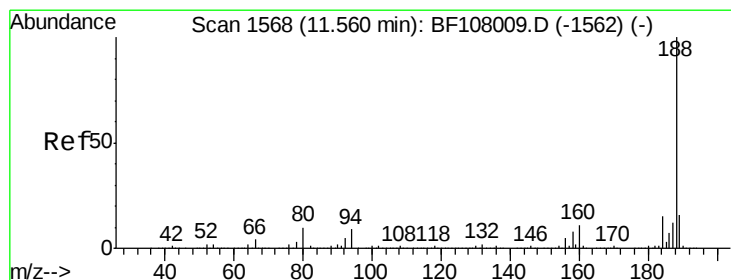
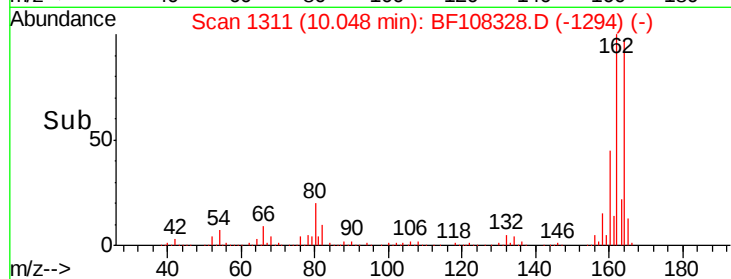
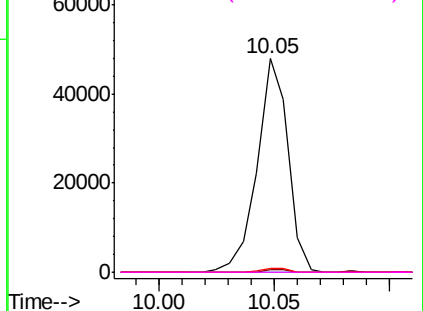


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

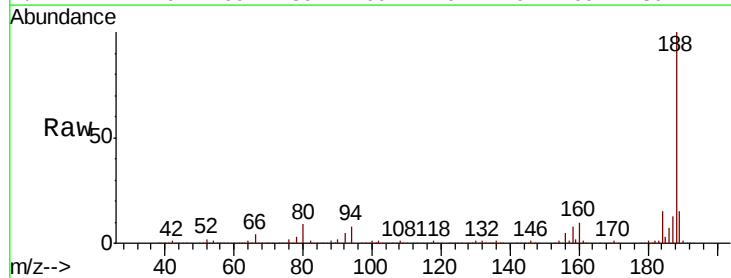
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

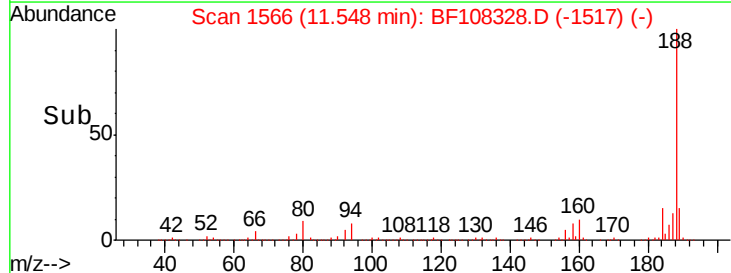
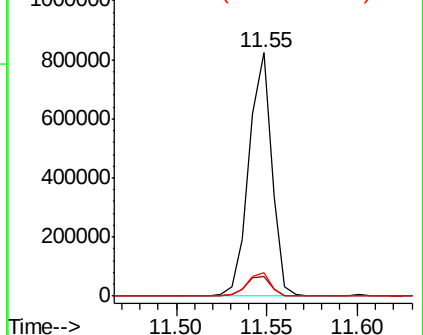
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.5	9.2	13.8

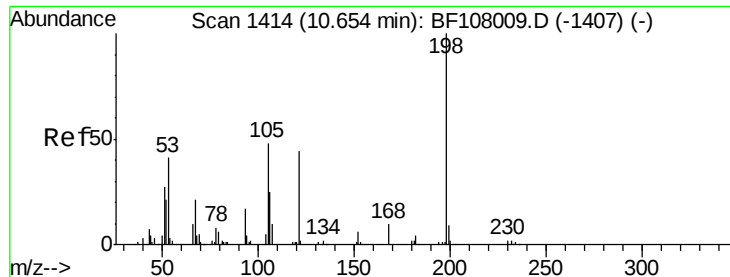


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

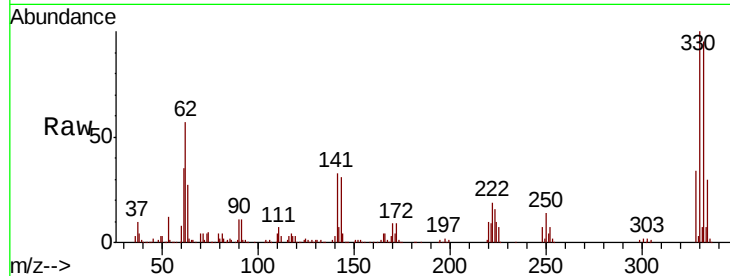




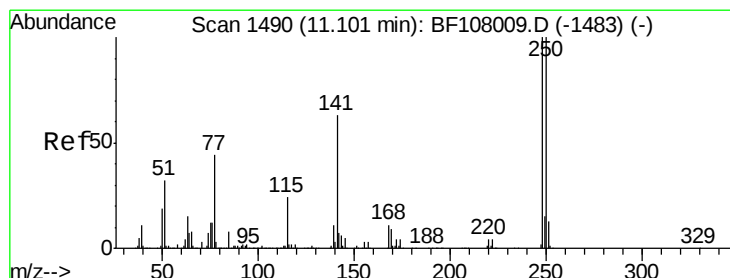
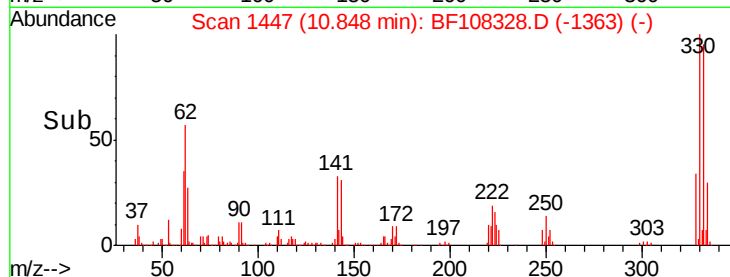
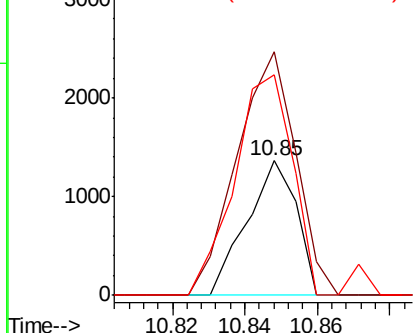
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.780 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

Instrument :
 BNA_F
 ClientSampled :
 TP-7

Tot Ion:198 Resp: 1287
 Ion Ratio Lower Upper
 198 100
 51 181.0 37.7 77.7#
 105 164.0 36.3 76.3#

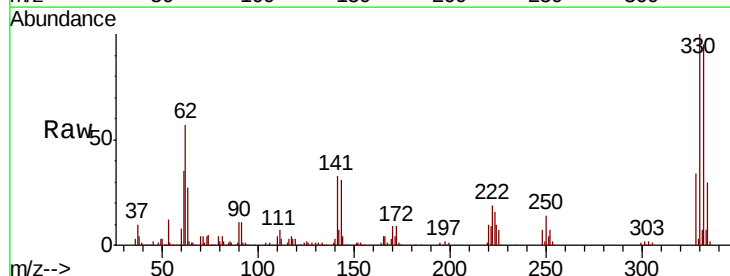


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

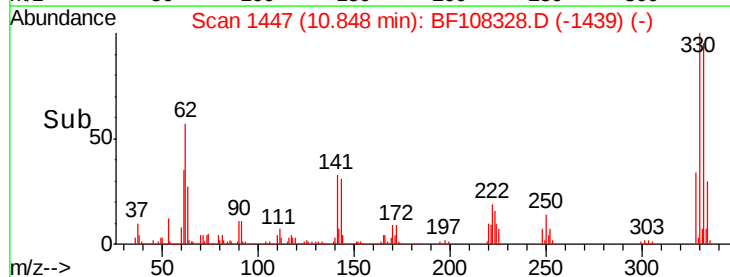
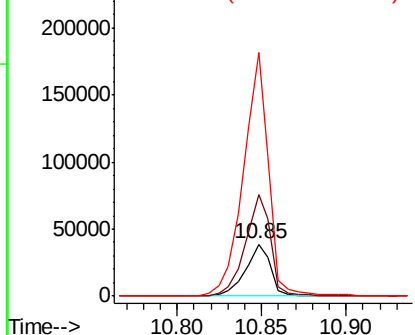


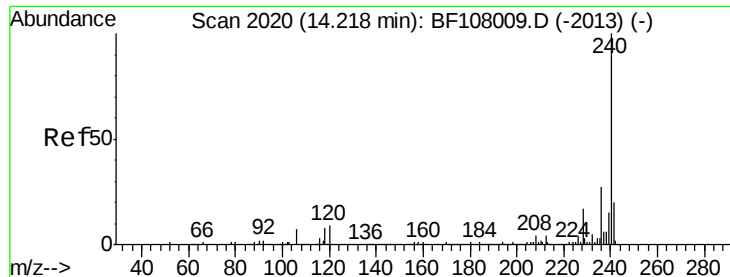
#66
 4-Bromophenyl-phenylether
 Concen: 5.092 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF108328.D
 Acq: 21 Aug 2018 10:23

Tgt Ion:248 Resp: 39960
 Ion Ratio Lower Upper
 248 100
 250 197.2 76.9 115.3#
 141 471.1 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# 2017

Delta R.T. -0.02 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

Instrument :

BNA_F

ClientSampleId :

TP-7

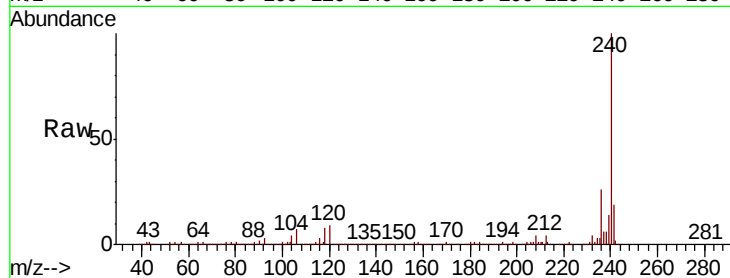
Tot Ion:240 Resp: 583919

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

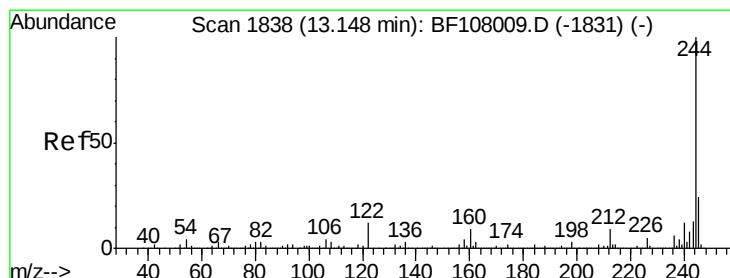
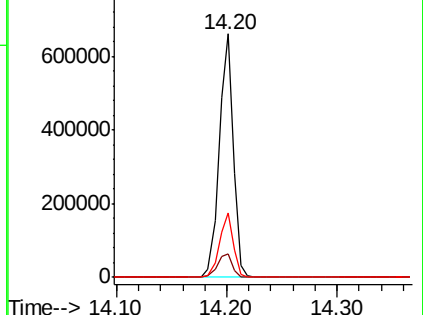
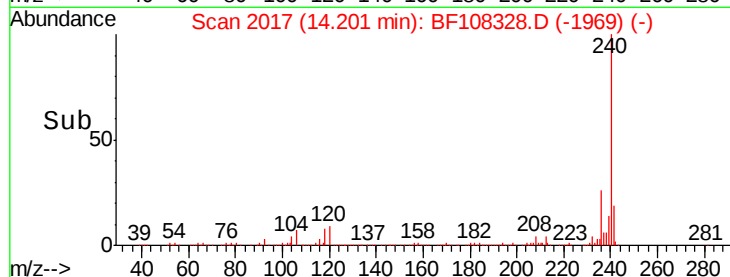
236 26.3 20.7 31.1



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: 114.720 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108328.D

Acq: 21 Aug 2018 10:23

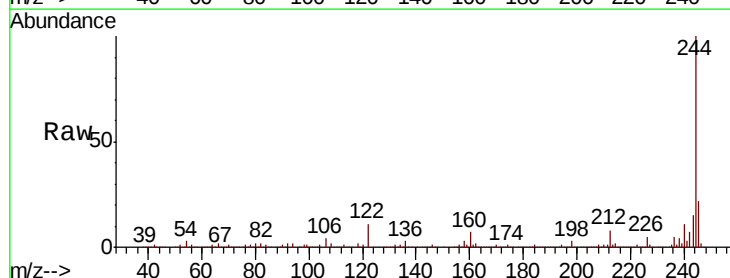
Tgt Ion:244 Resp: 2634629

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

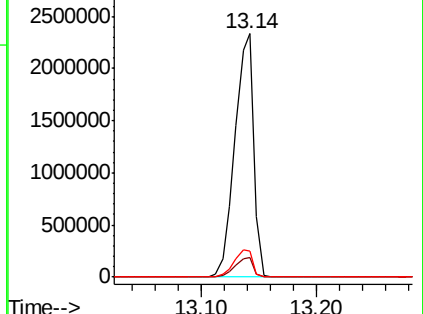
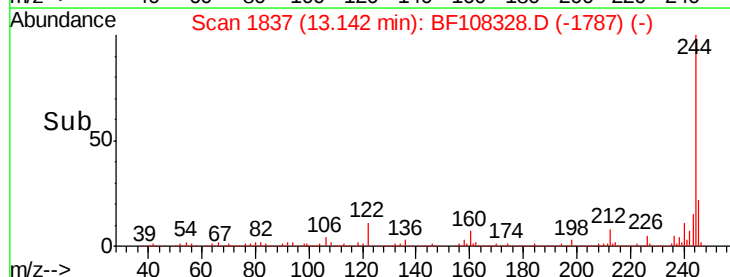
122 10.8 11.0 16.4#

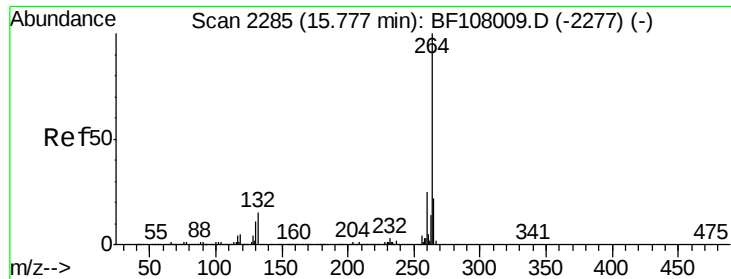


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

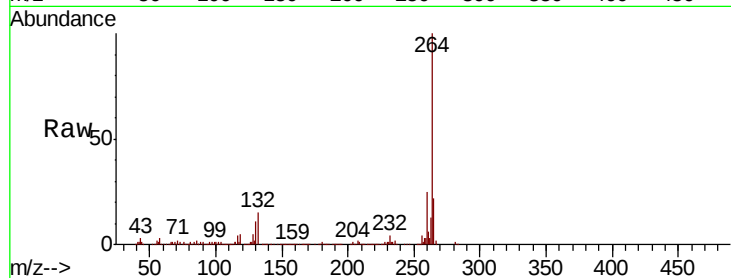




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.76 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BF108328.D
Acq: 21 Aug 2018 10:23

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3



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

