

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
 Data File : BF108490.D
 Acq On : 25 Aug 2018 4:29
 Operator : JU/SJ
 Sample : J4636-02 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Quant Time: Aug 25 05:34:36 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 22 11:01:45 2018
 Response via : Initial Calibration

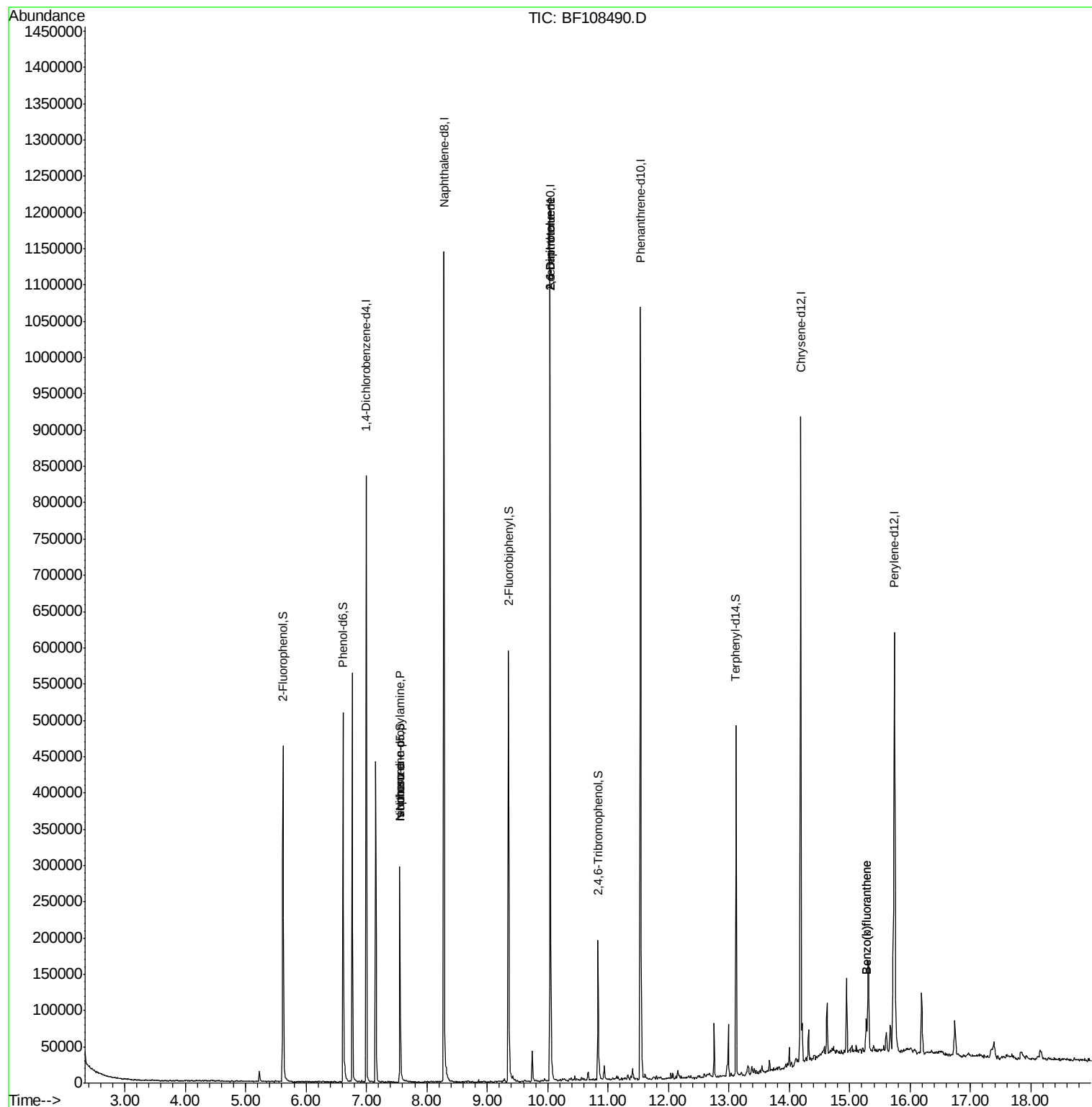
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131671	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	507879	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	239140	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	402126	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	294321	20.00	ng	-0.01
86) Perylene-d12	15.74	264	286964	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	117157	16.11	ng	-0.01
7) Phenol-d6	6.61	99	162250	16.79	ng	-0.02
23) Nitrobenzene-d5	7.55	82	103696	11.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	28500	11.95	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	209215	14.05	ng	-0.01
78) Terphenyl-d14	13.12	244	156489	13.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	13305	2.036	ng	# 83
25) Isophorone	7.55	82	103694	5.977	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	29868	8.570	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	29869	6.658	ng	# 23
87) Benzo(b)fluoranthene	15.28	252	38095	2.222	ng	95
88) Benzo(k)fluoranthene	15.28	252	38095	2.417	ng	96

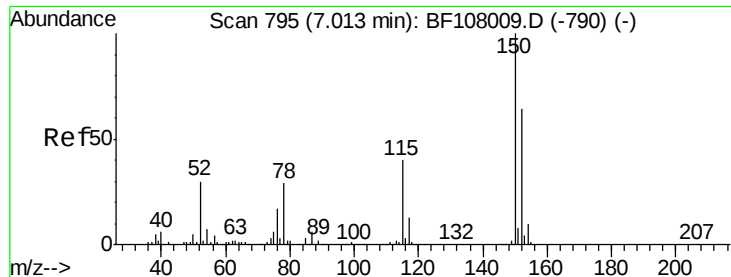
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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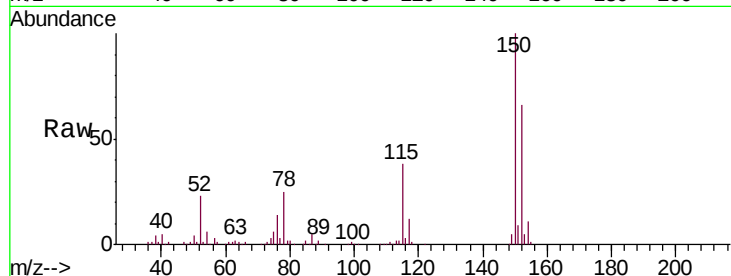


#1

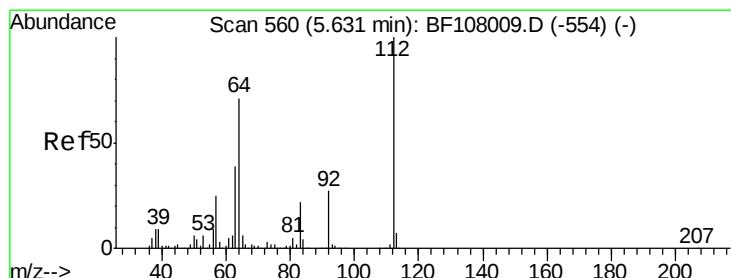
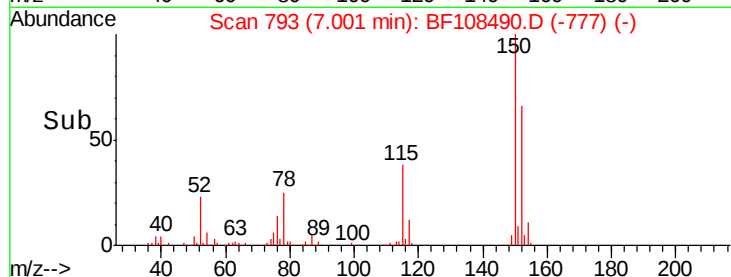
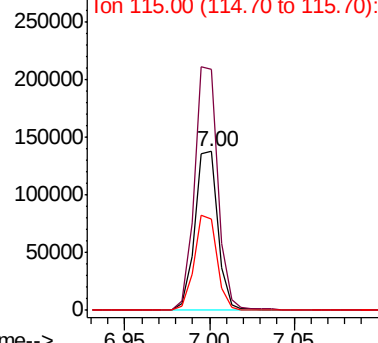
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Instrument :
BNA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	57.3	50.1	75.1



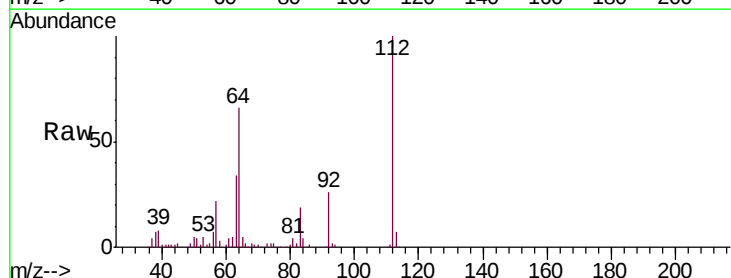
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



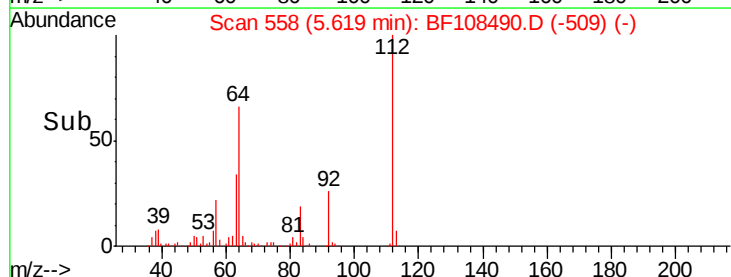
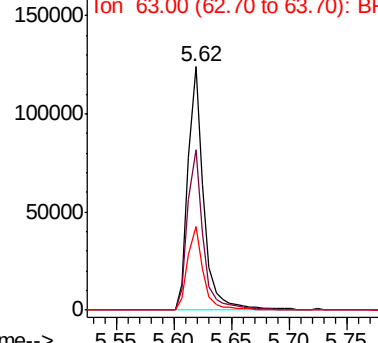
#5

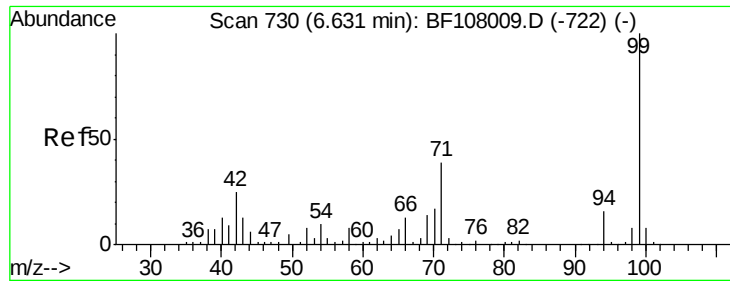
2-Fluorophenol
Concen: 16.109 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	34.3	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: 16.788 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(6-7)

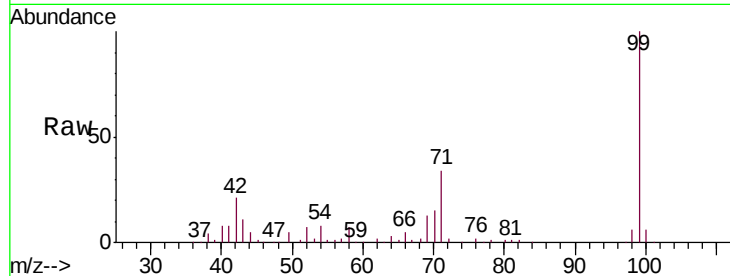
Tgt Ion: 99 Resp: 162250

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

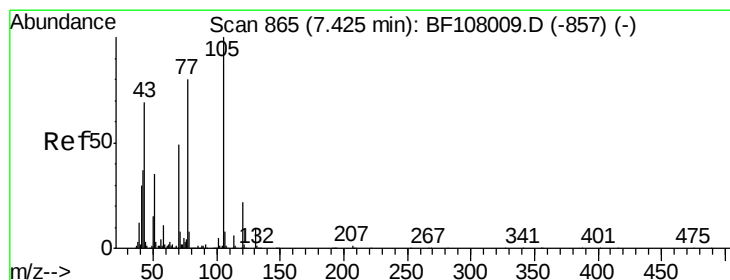
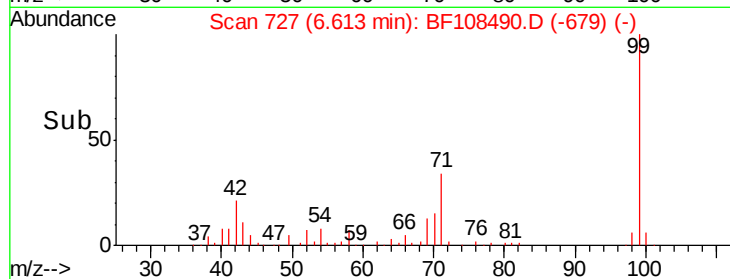
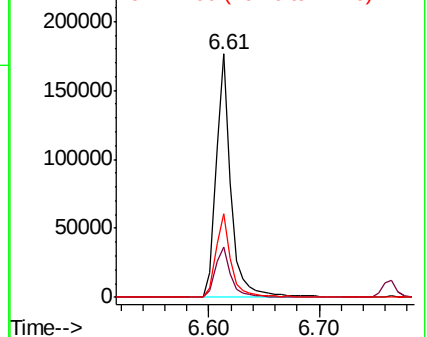
71 34.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.036 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Tgt Ion: 70 Resp: 13305

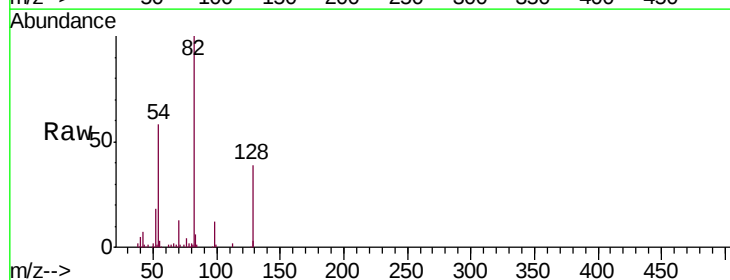
Ion Ratio Lower Upper

70 100

42 54.6 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

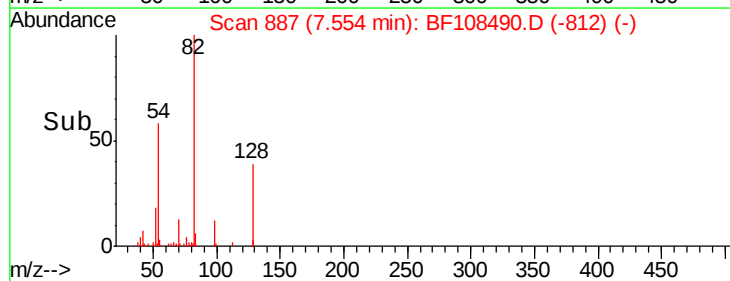
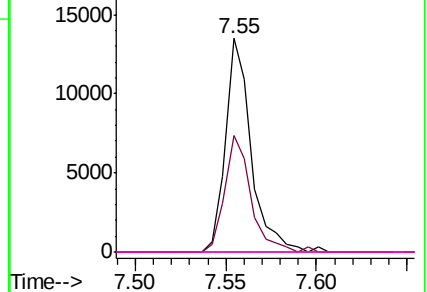


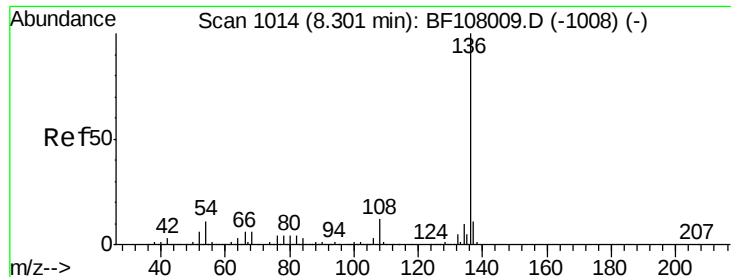
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

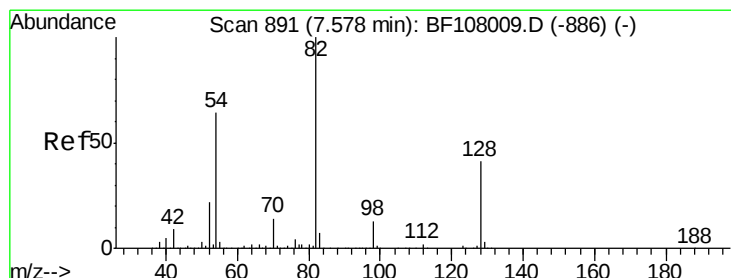
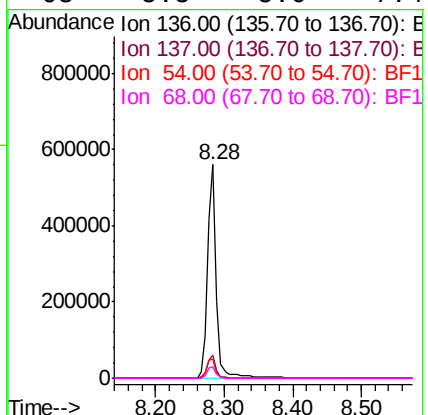
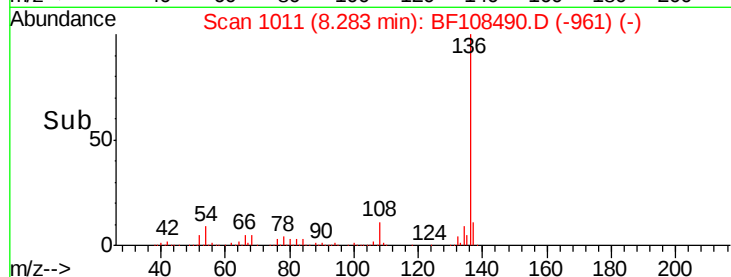
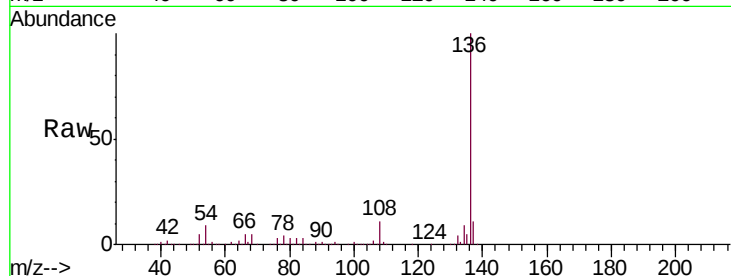




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

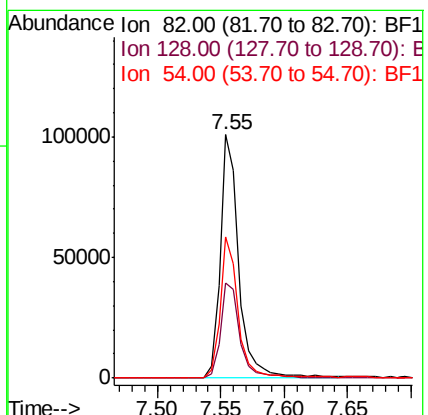
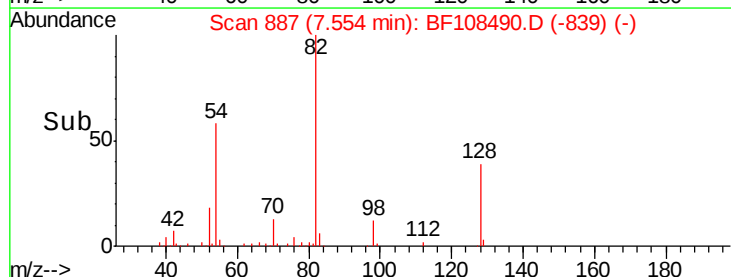
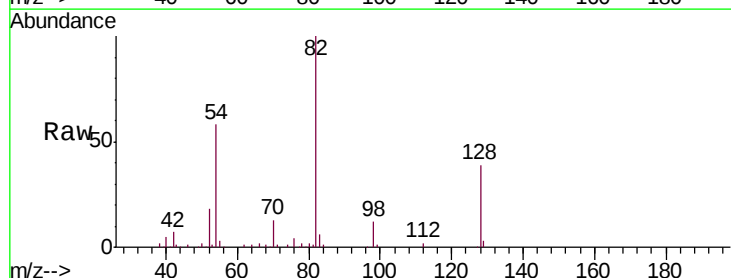
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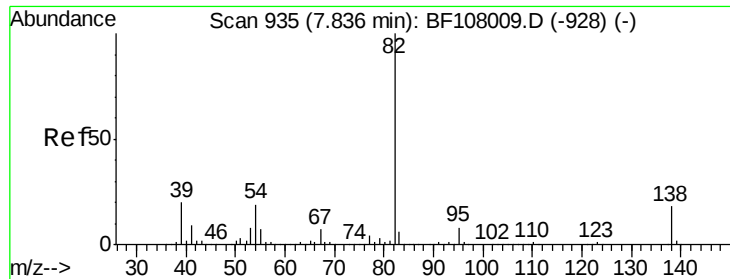
Tgt Ion:	136	Resp:	507879
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 11.393 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Tgt Ion:	82	Resp:	103696
Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	57.8	41.4	62.2





#25

Isophorone

Concen: 5.977 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(6-7)

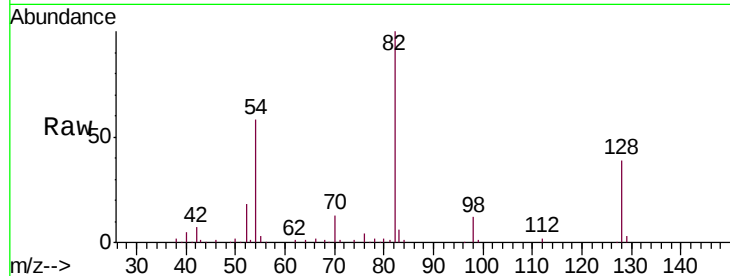
Tgt Ion: 82 Resp: 103694

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

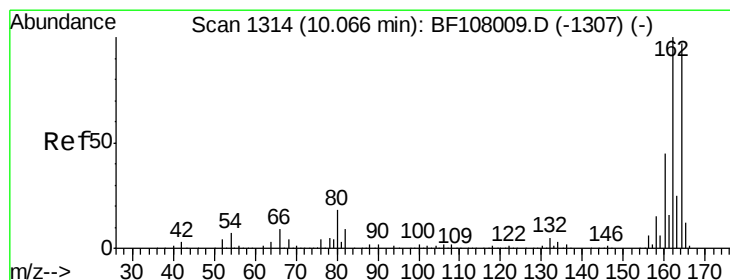
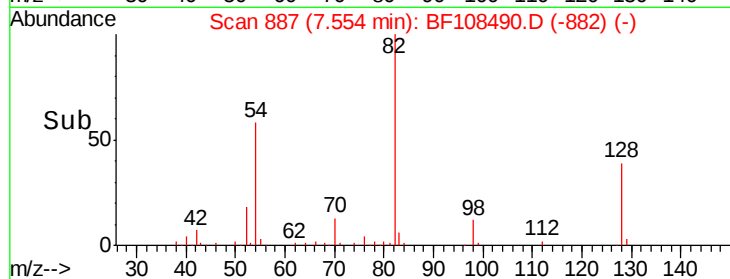
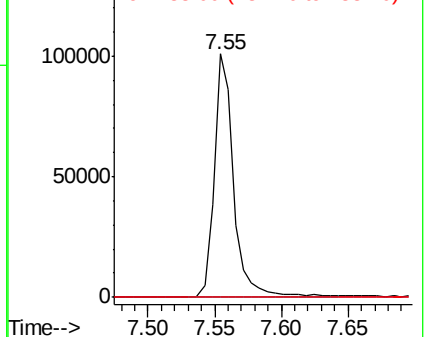
138 0.0 14.9 22.3#



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# 1310

Delta R.T. -0.01 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

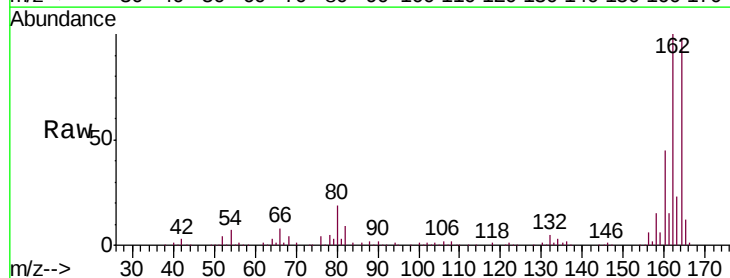
Tgt Ion: 164 Resp: 239140

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

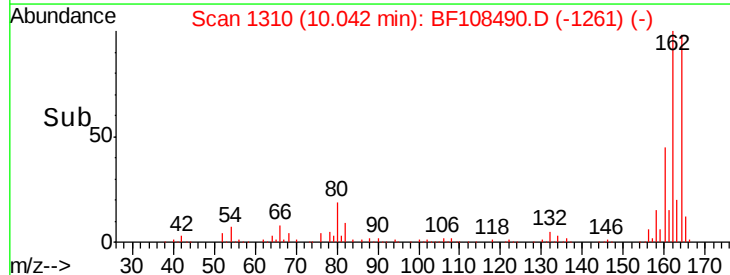
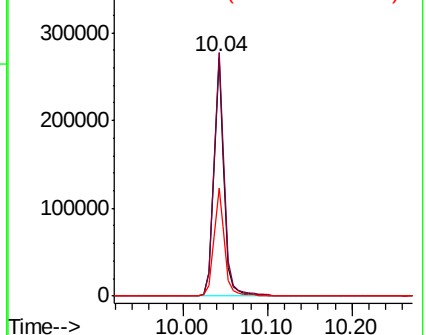
160 45.3 38.3 57.5

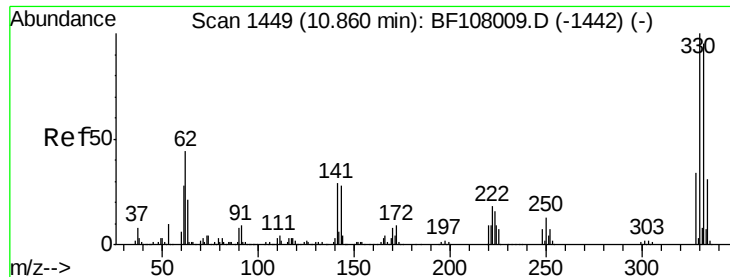


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

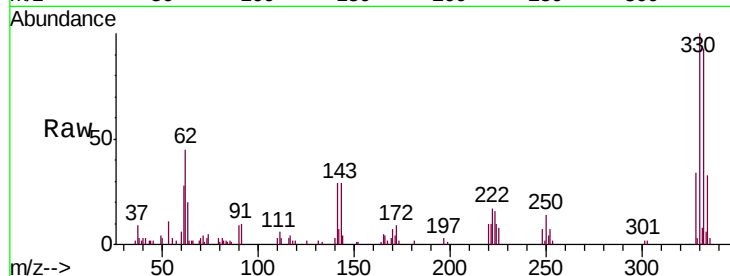




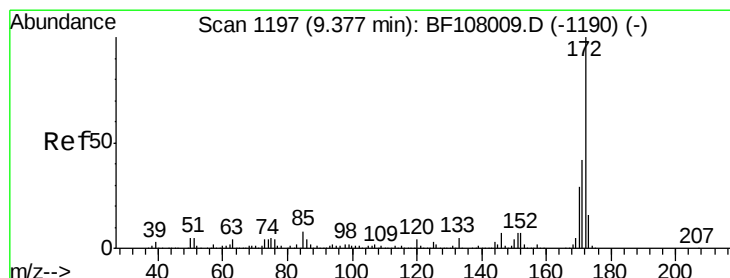
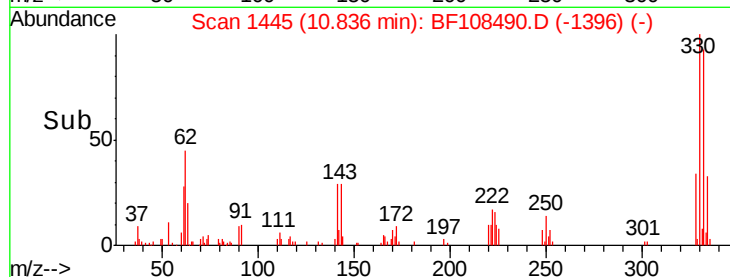
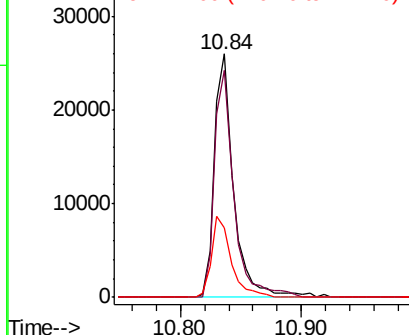
#41
 2,4,6-Tribromophenol
 Concen: 11.948 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Instrument :
 BNA_F
 ClientSampleId :
 BYR-2-E(6-7)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	34.0	29.9	44.9

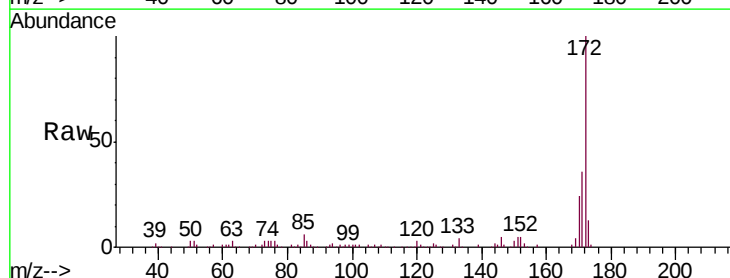


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

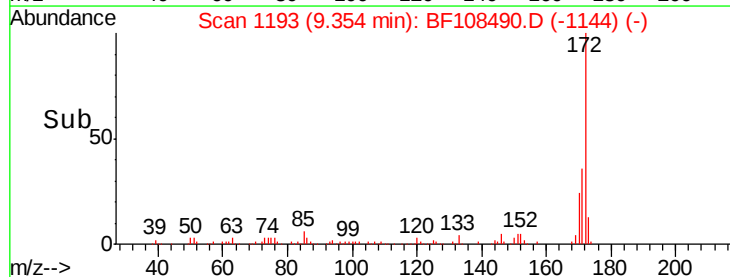
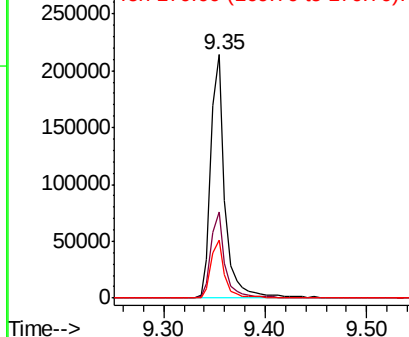


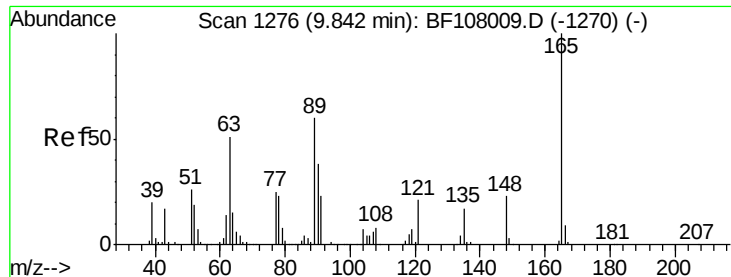
#44
 2-Fluorobiphenyl
 Concen: 14.046 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.9	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

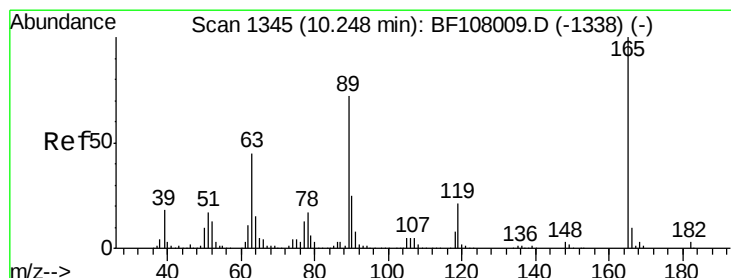
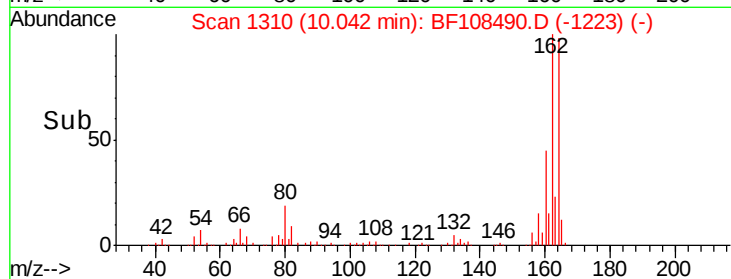
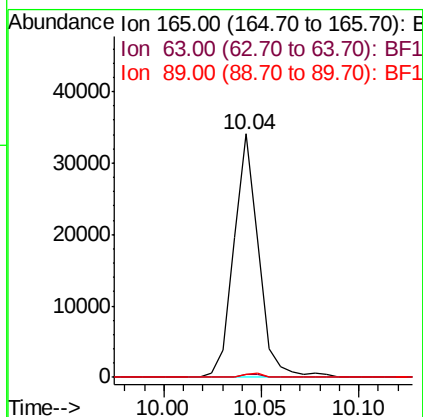
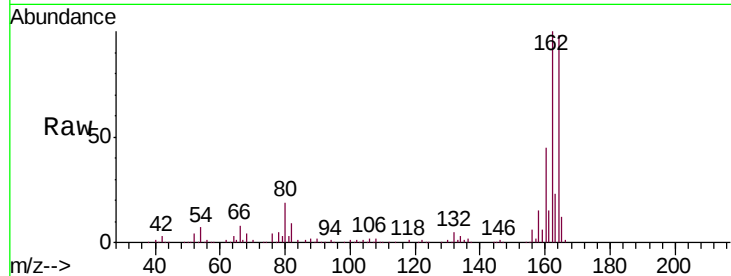




#50
 2,6-Dinitrotoluene
 Concen: 8.570 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

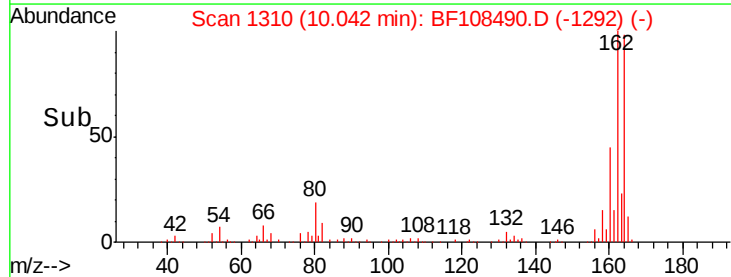
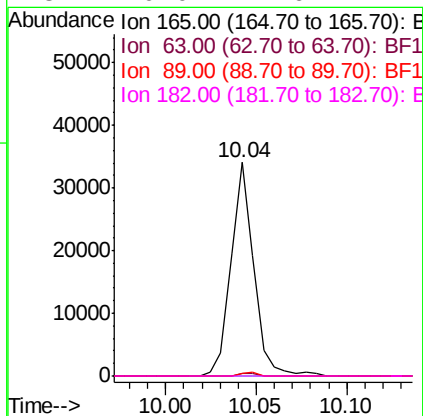
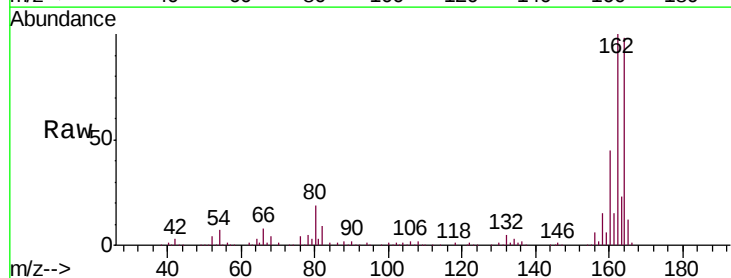
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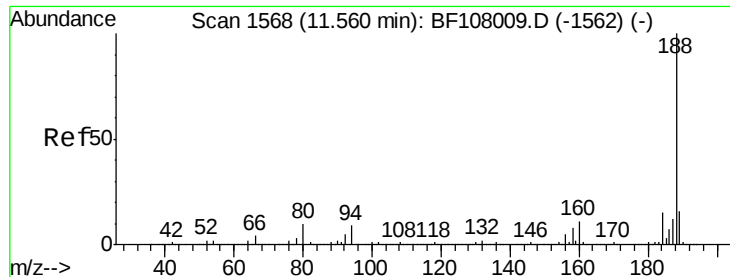
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.658 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108490.D
 Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

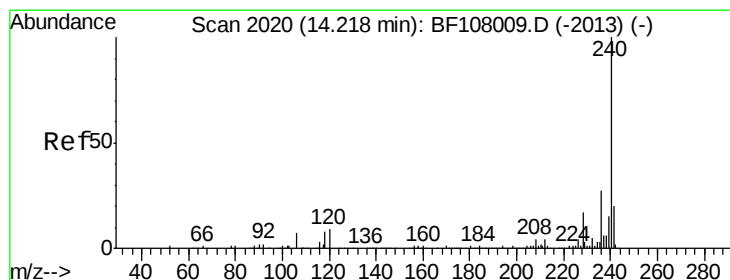
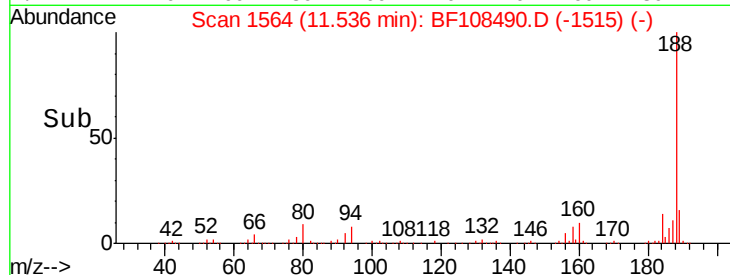
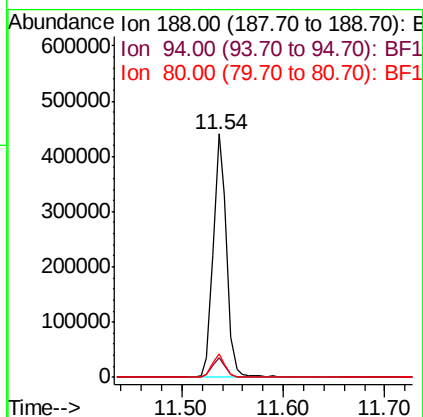
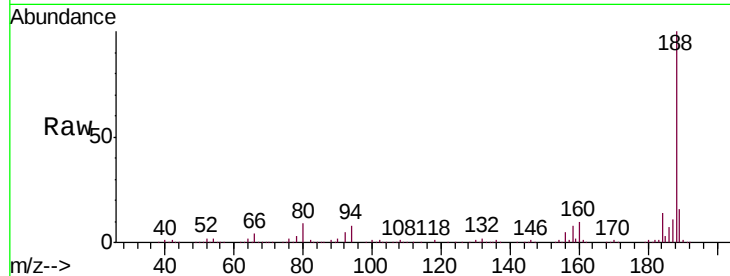




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

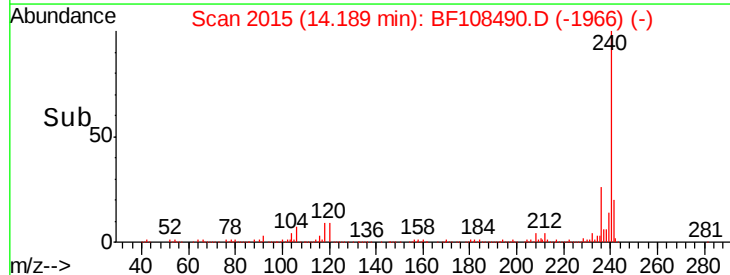
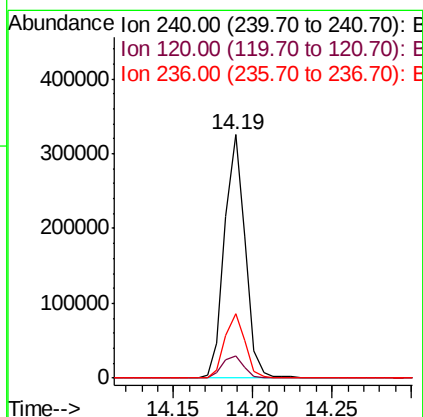
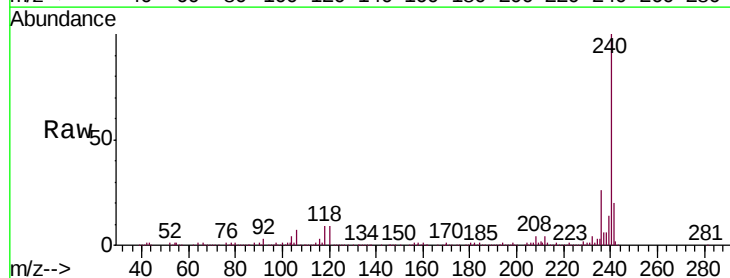
Instrument :
BNA_F
ClientSampleId :
BYR-2-E(6-7)

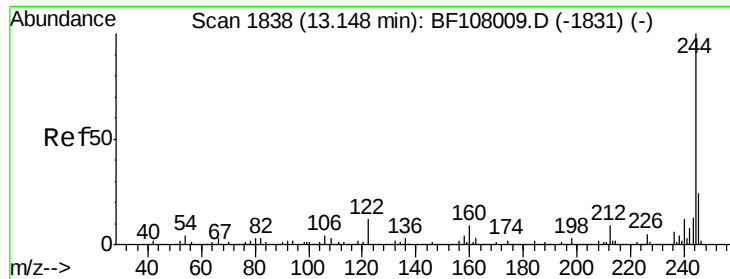
Tgt Ion:188 Resp: 402126
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Tgt Ion:240 Resp: 294321
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 13.519 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

Instrument :

BNA_F

ClientSampleId :

BYR-2-E(6-7)

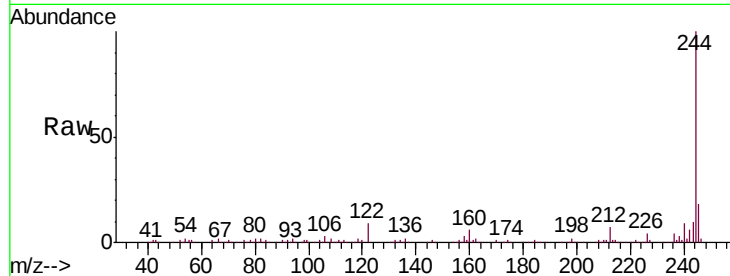
Tgt Ion:244 Resp: 156489

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

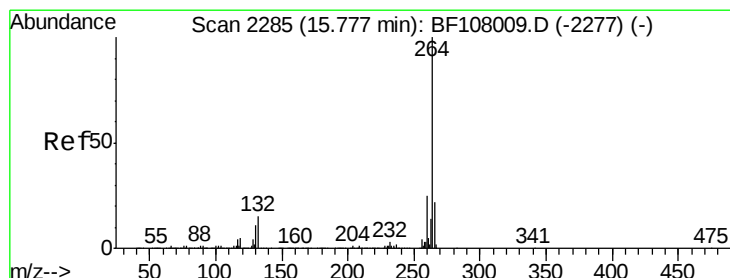
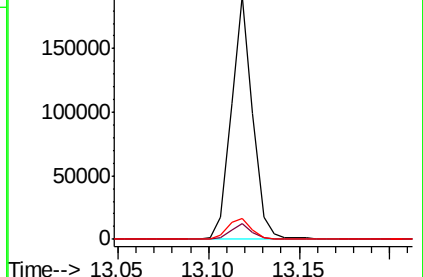
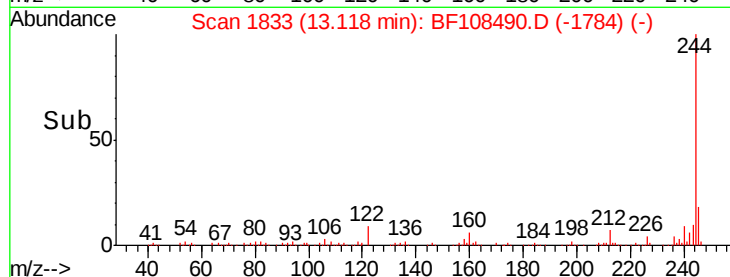
122 8.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF108490.D

Acq: 25 Aug 2018 4:29

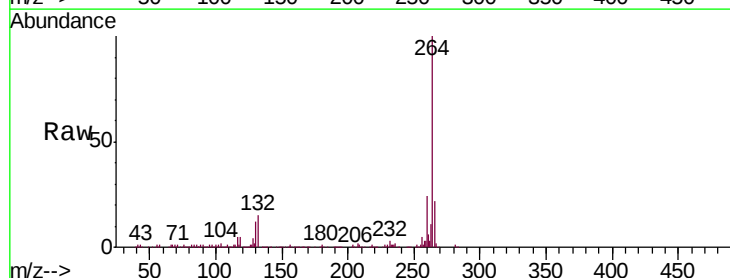
Tgt Ion:264 Resp: 286964

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

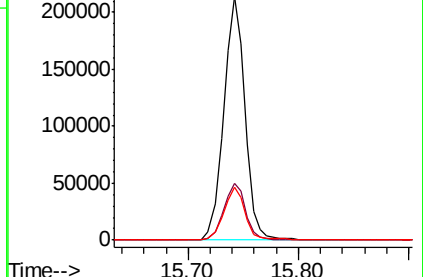
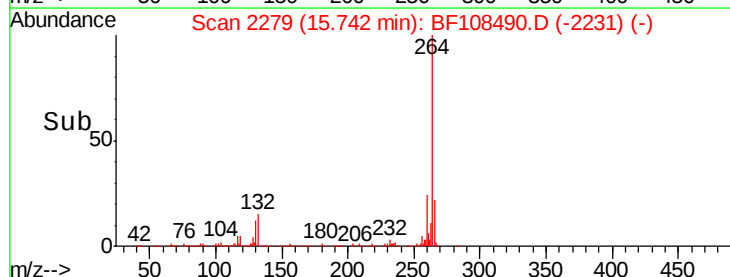
265 21.9 17.5 26.3

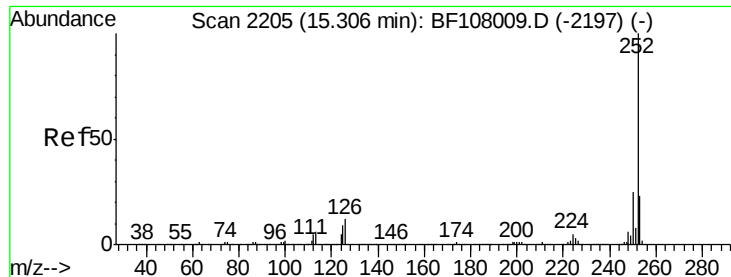


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

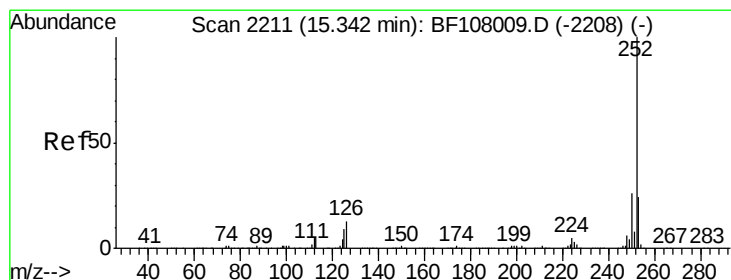
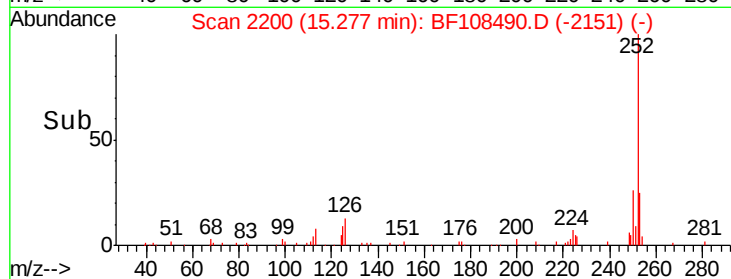
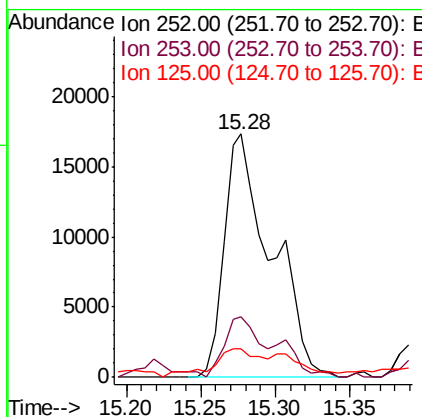
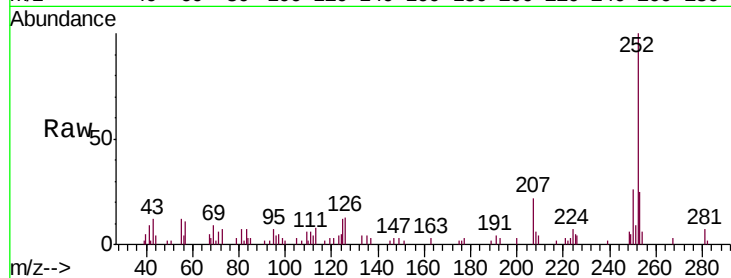




#87
Benzo(b)fluoranthene
Concen: 2.222 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Instrument :
BNA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	11.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 2.417 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.05 min
Lab File: BF108490.D
Acq: 25 Aug 2018 4:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	11.5	10.2	15.2

