

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108627.D
 Acq On : 30 Aug 2018 2:33
 Operator : JU/SJ
 Sample : J4683-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-U-S

Quant Time: Aug 30 04:22:16 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

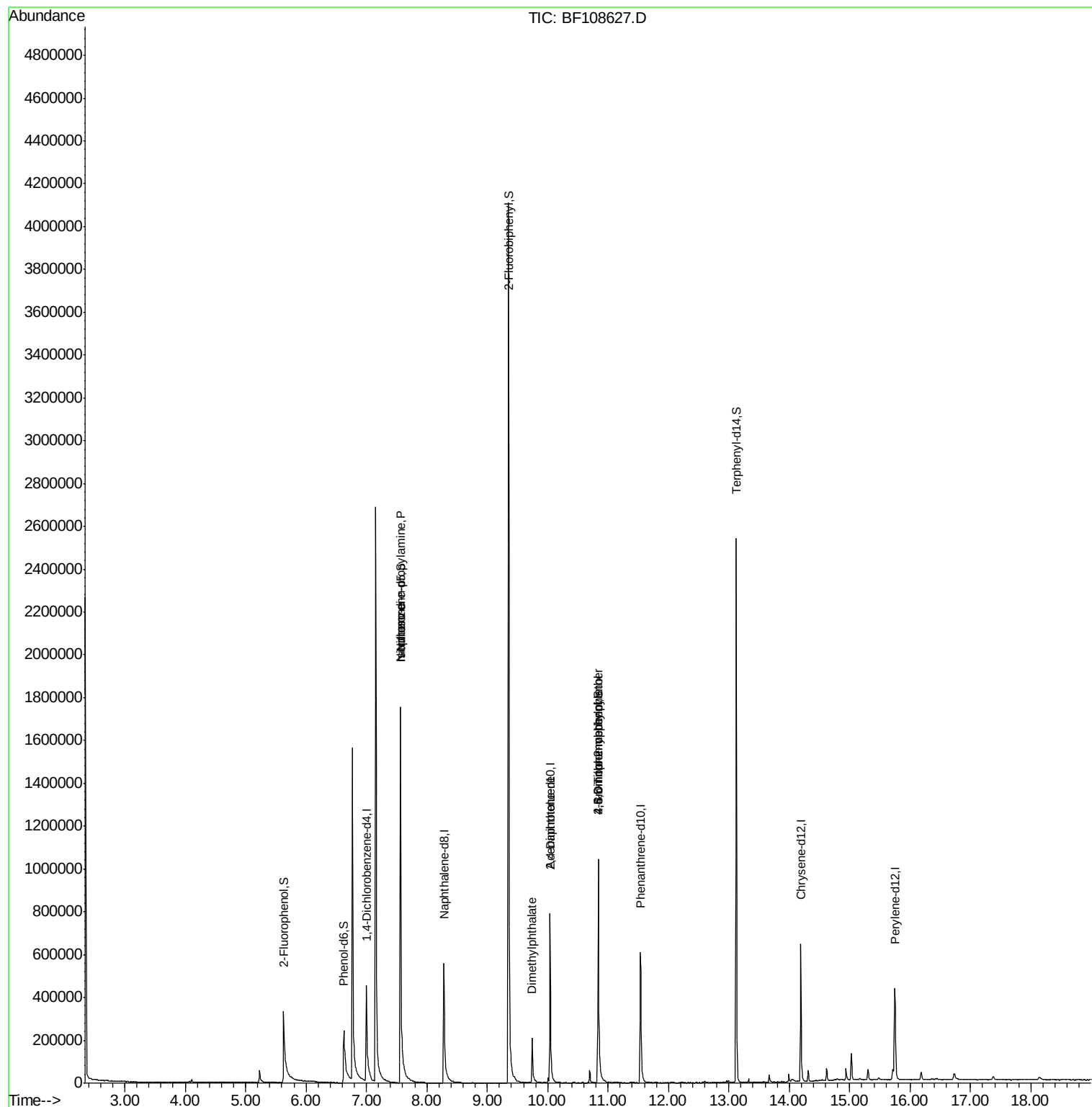
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	116952	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	438447	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	196060	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	315352	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	259461	20.00	ng	-0.01
86) Perylene-d12	15.75	264	257693	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	220465	34.13	ng	0.00
7) Phenol-d6	6.62	99	199273	23.21	ng	0.00
23) Nitrobenzene-d5	7.57	82	832857	106.00	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	174504	89.23	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1491134	122.10	ng	-0.01
78) Terphenyl-d14	13.12	244	999728	97.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	107101	18.450	ng	# 83
25) Isophorone	7.57	82	836760	55.872	ng	# 64
49) Dimethylphthalate	9.74	163	132643	9.712	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	24200	6.580	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.83	198	214	5.519	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11744	3.427	ng	# 1

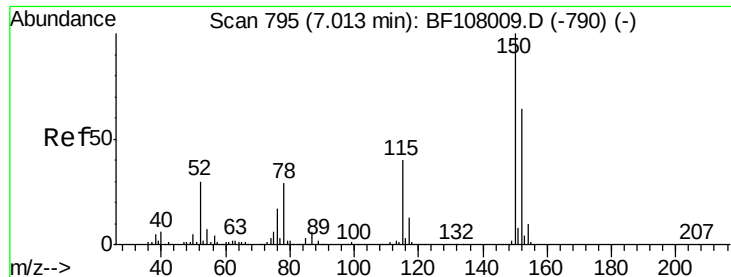
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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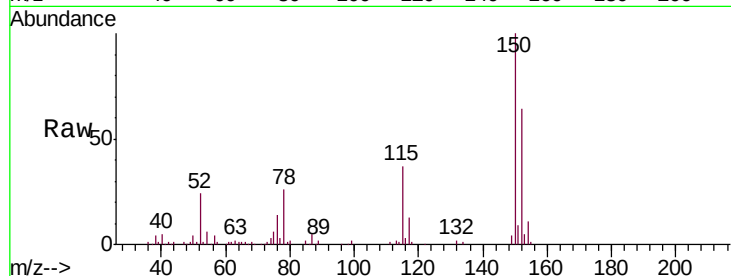


#1

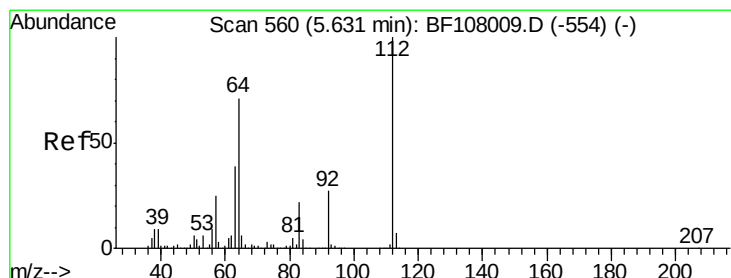
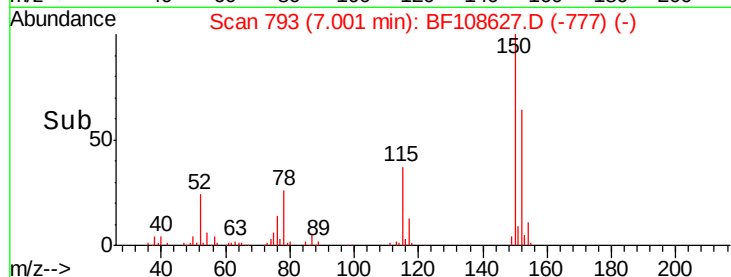
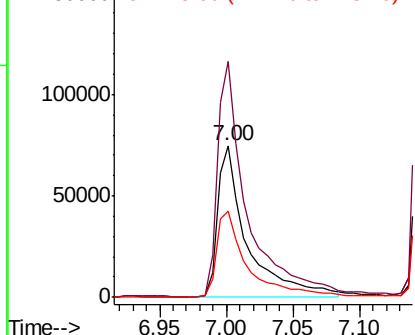
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 116952
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 57.0 50.1 75.1



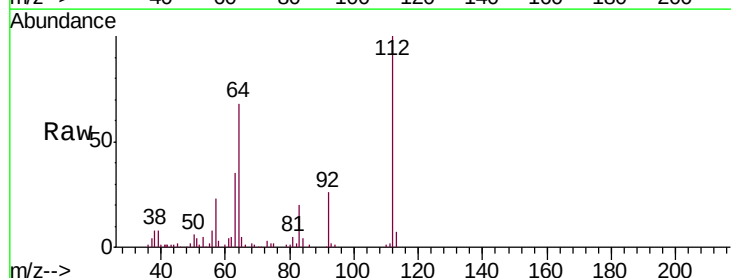
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



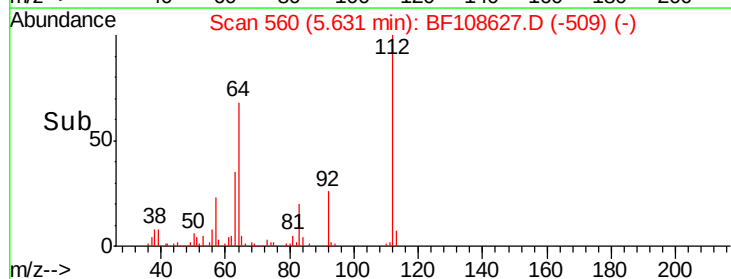
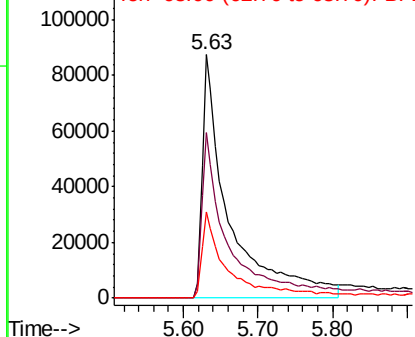
#5

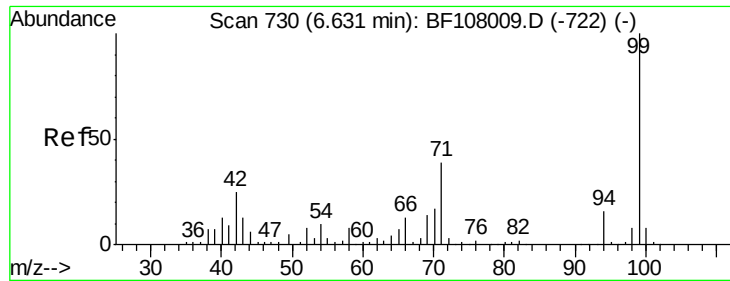
2-Fluorophenol
Concen: 34.129 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

Tgt Ion:112 Resp: 220465
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 35.3 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: 23.214 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108627.D

Acq: 30 Aug 2018 2:33

Instrument :

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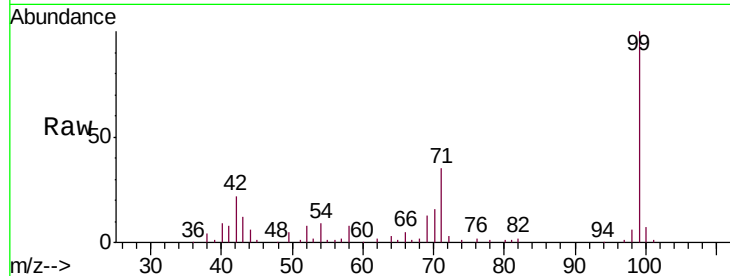
Tgt Ion: 99 Resp: 199273

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

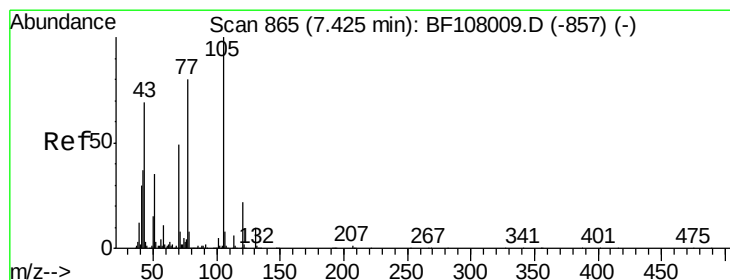
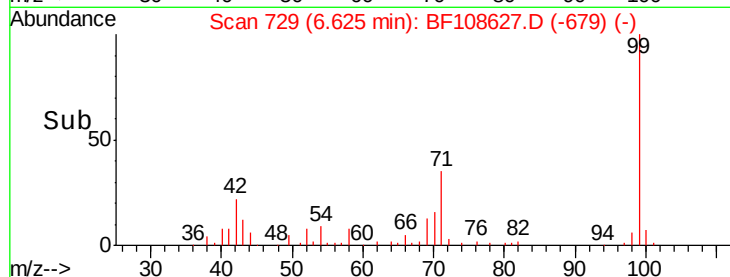
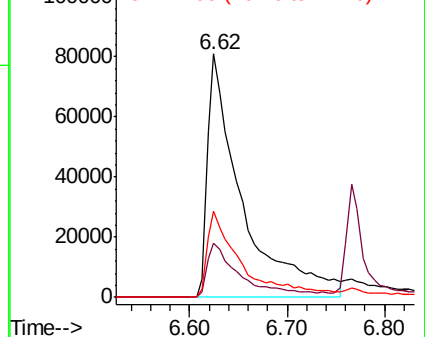
71 35.3 25.4 38.0



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: 18.450 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108627.D

Acq: 30 Aug 2018 2:33

Tgt Ion: 70 Resp: 107101

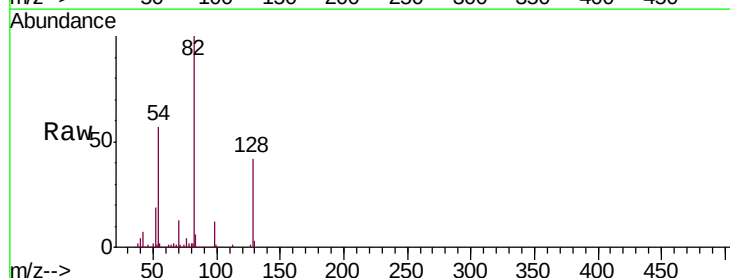
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

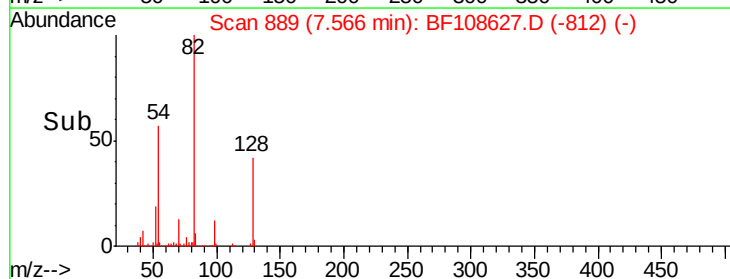
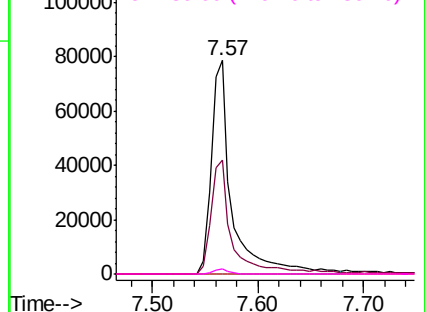


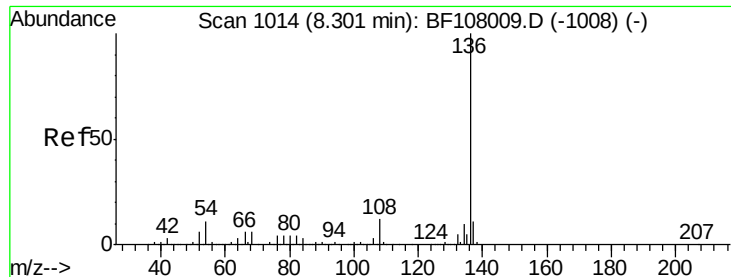
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

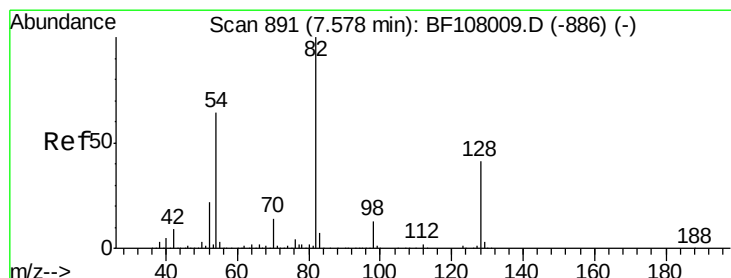
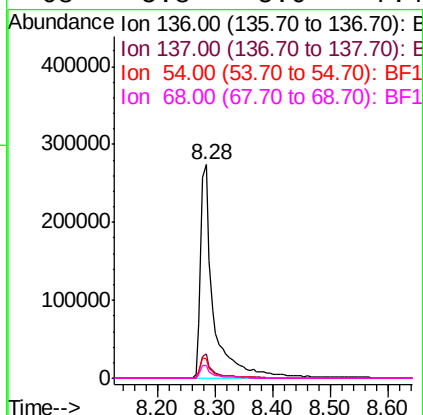
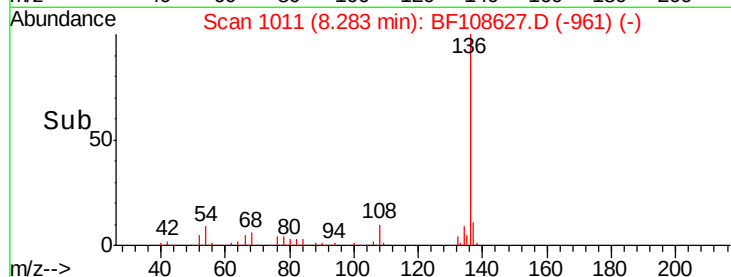
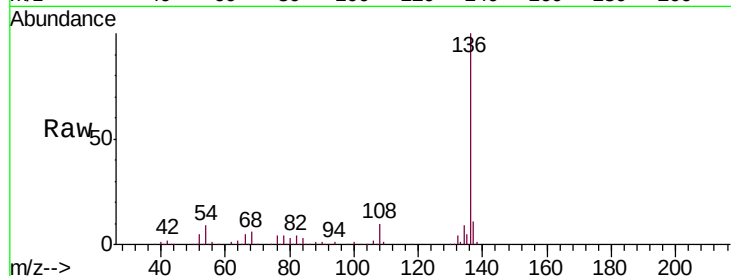




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

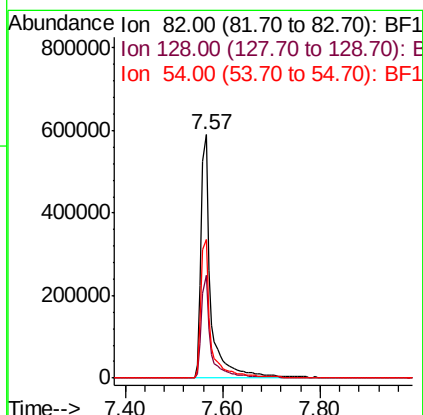
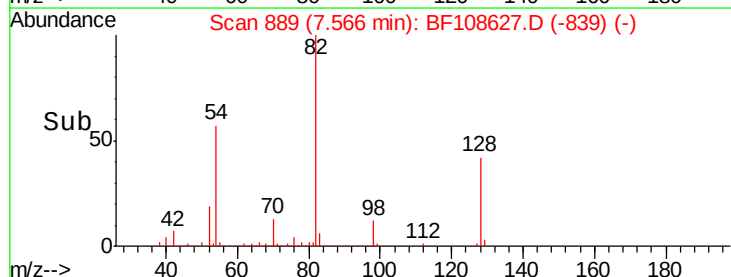
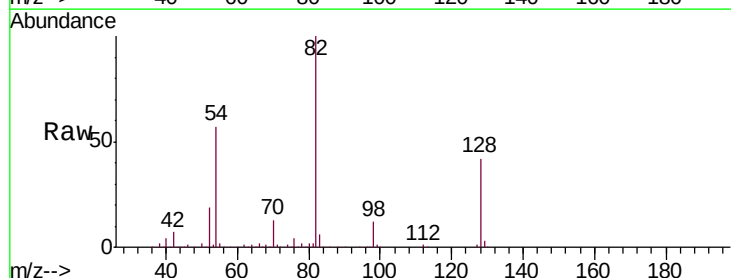
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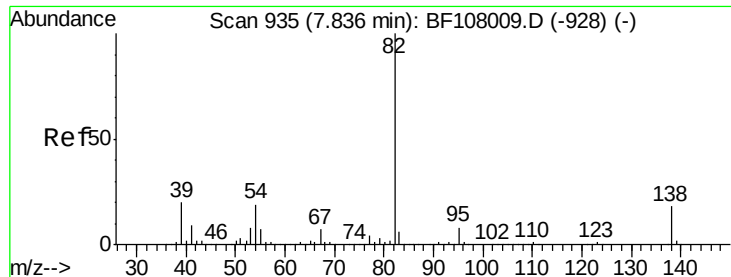
Tgt Ion:	136	Resp:	438447
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 105.998 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

Tgt Ion:	82	Resp:	832857
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	57.0	41.4	62.2

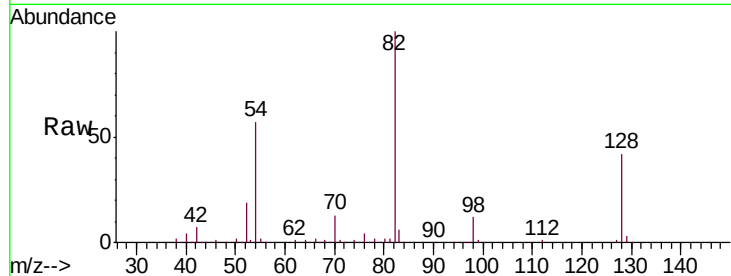




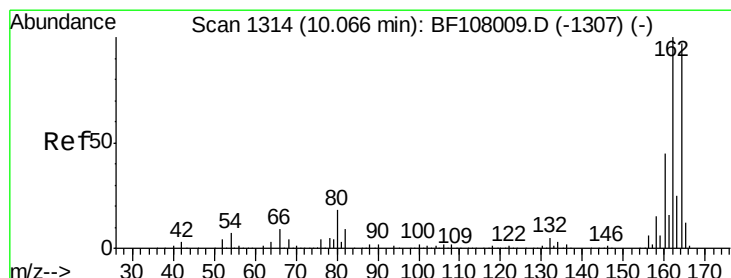
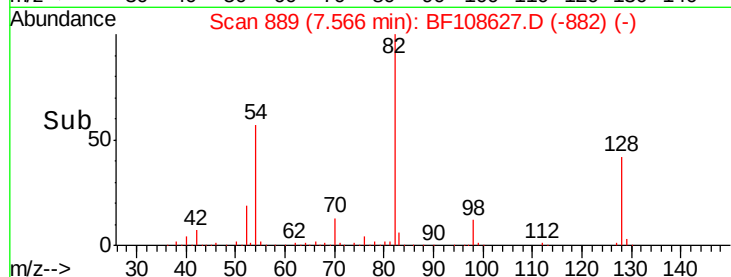
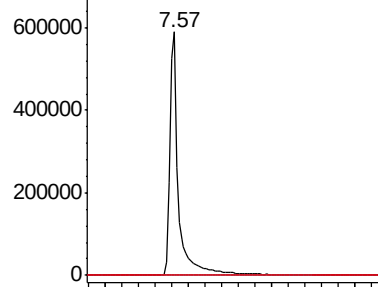
#25
Isophorone
Concen: 55.872 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

Instrument :
BNA_F
ClientSampleId :
082718-TIPC-F-U-S

Tgt Ion: 82 Resp: 836760
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

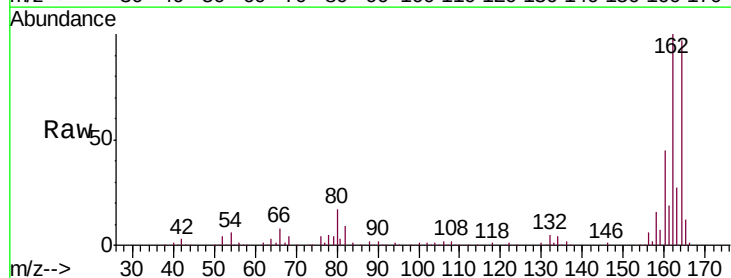


Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

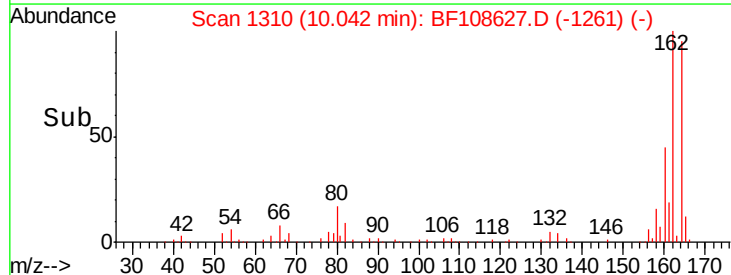
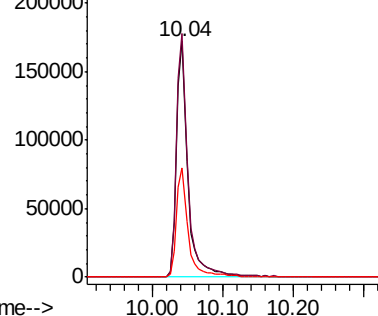


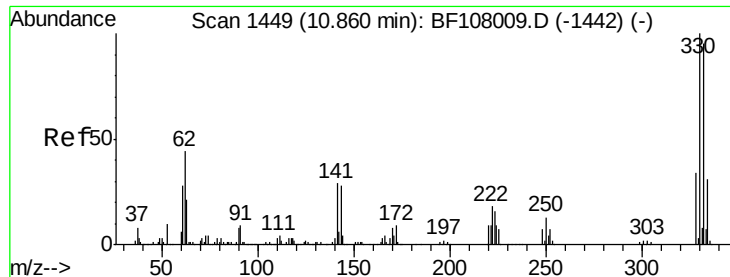
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108627.D
Acq: 30 Aug 2018 2:33

Tgt Ion: 164 Resp: 196060
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.5 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

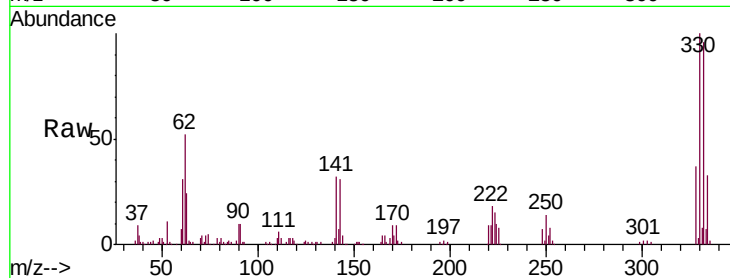




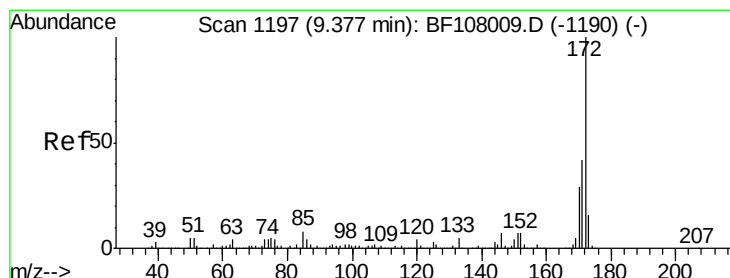
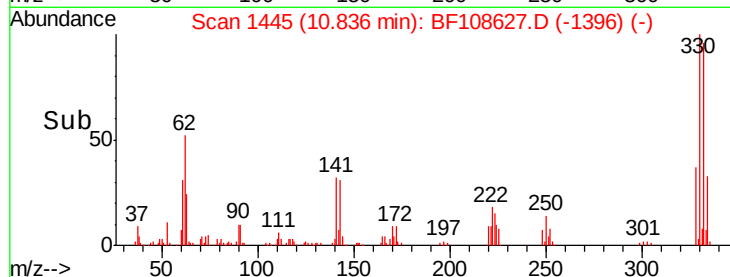
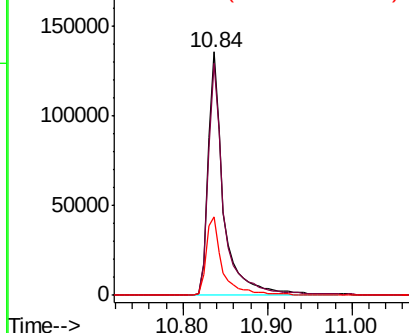
#41
 2,4,6-Tribromophenol
 Concen: 89.231 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

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Tgt Ion: 330 Resp: 174504
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.4 29.9 44.9

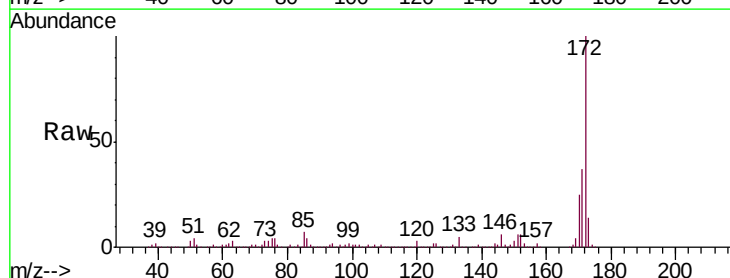


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

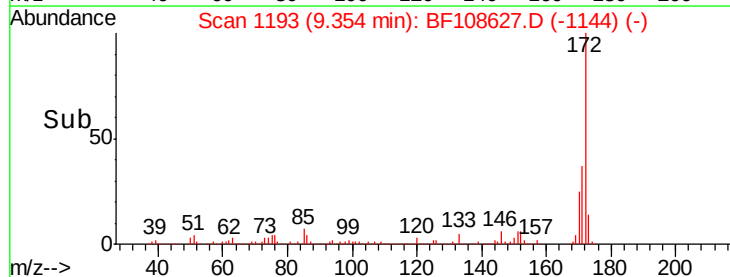
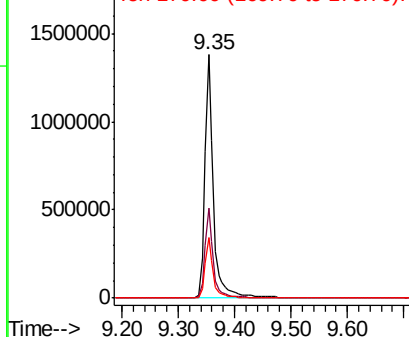


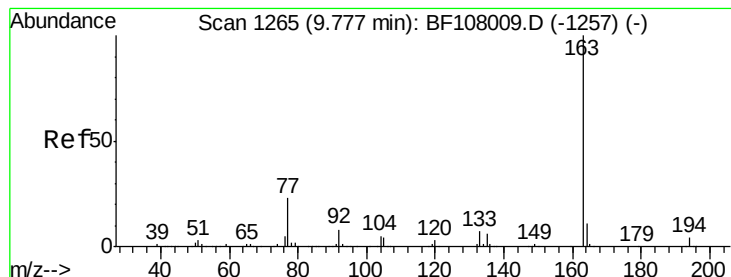
#44
 2-Fluorobiphenyl
 Concen: 122.104 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Tgt Ion: 172 Resp: 1491134
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.7 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: 9.712 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108627.D

Acq: 30 Aug 2018 2:33

Instrument :

BNA_F

ClientSampleId :

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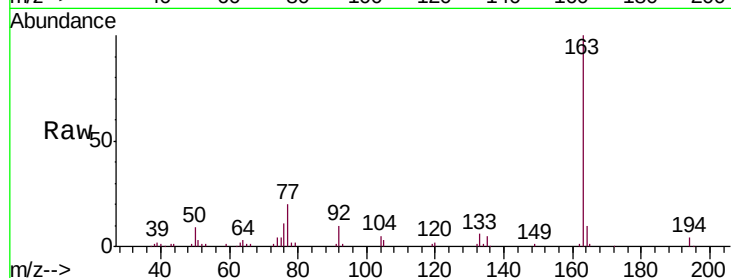
Tgt Ion:163 Resp: 132643

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

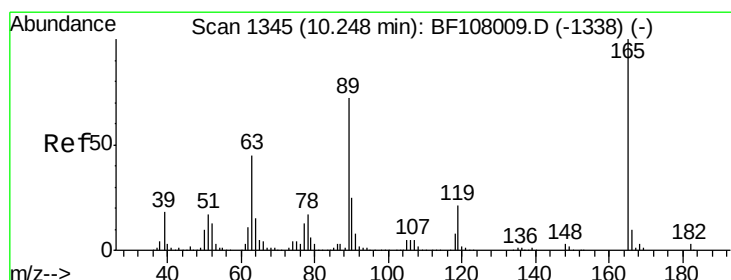
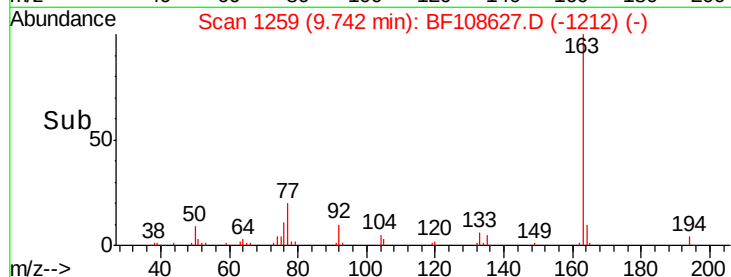
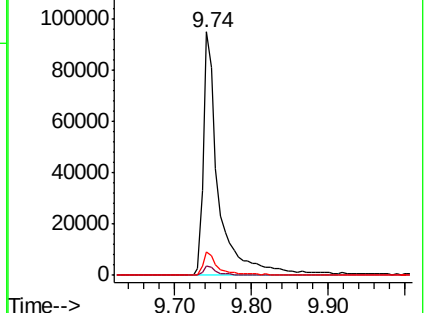
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.580 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108627.D

Acq: 30 Aug 2018 2:33

Tgt Ion:165 Resp: 24200

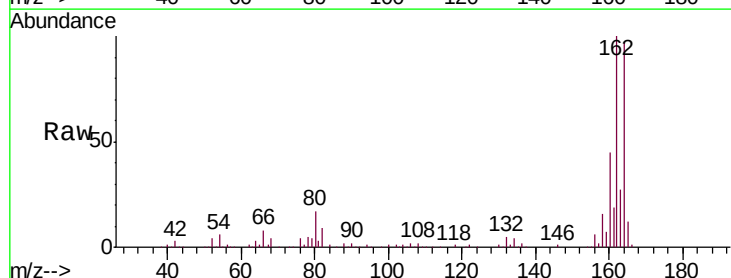
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

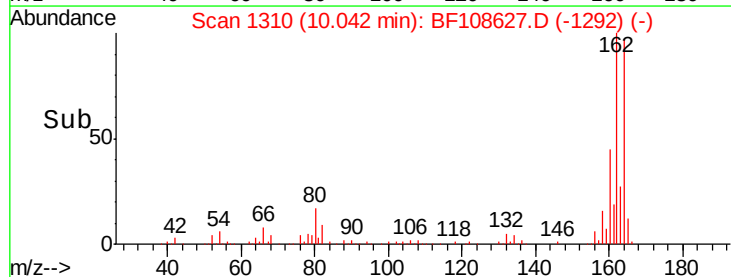
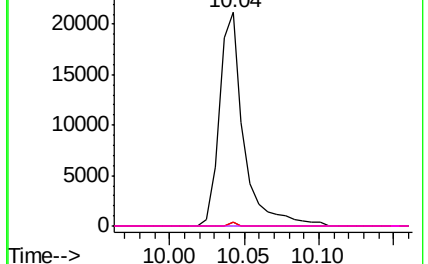


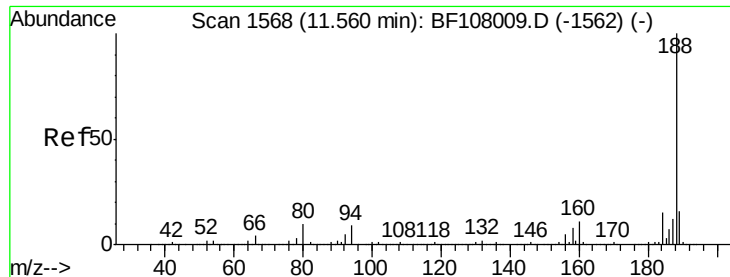
Abundance Ion 165.00 (164.70 to 165.70): E

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

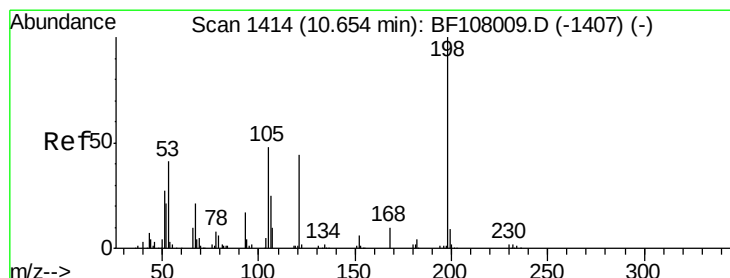
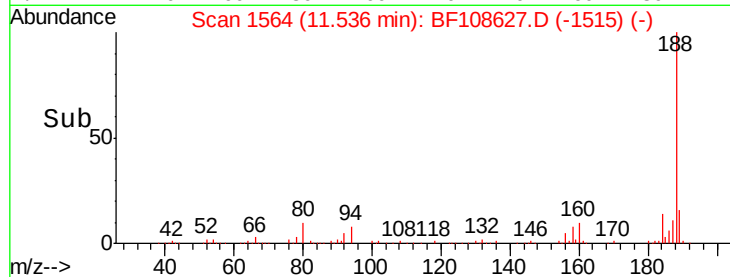
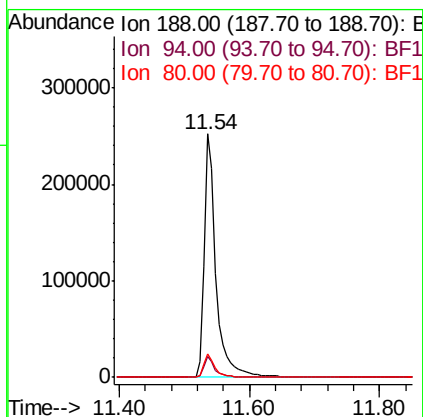
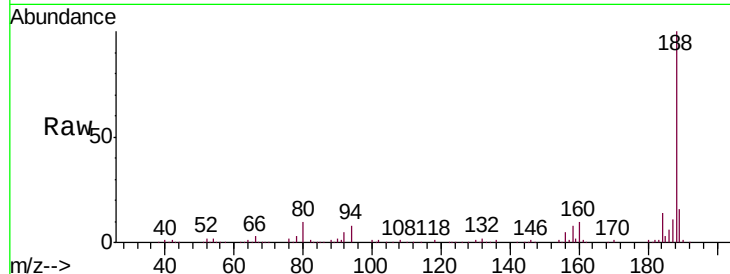




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

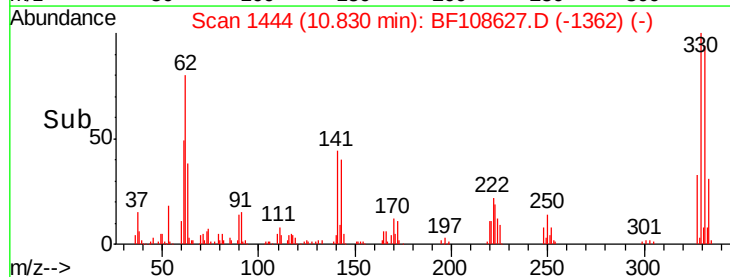
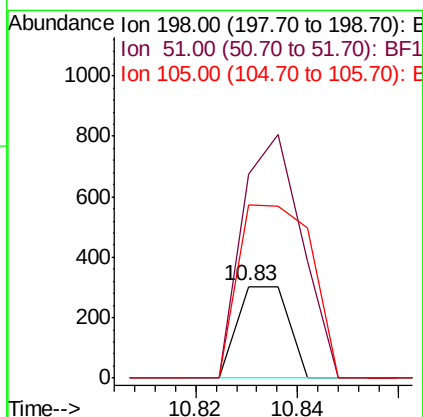
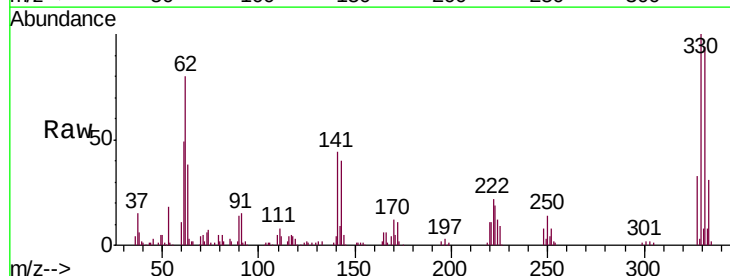
Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-U-S

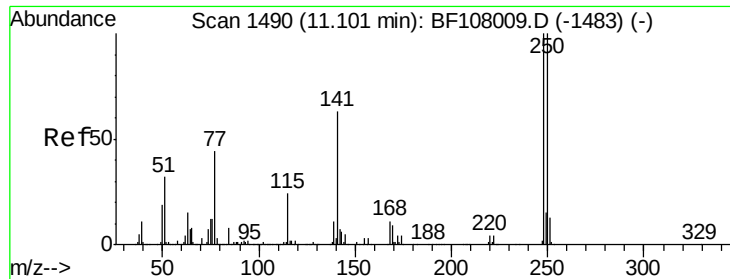
Tgt Ion:188 Resp: 315352
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.519 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. 0.18 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Tgt Ion:198 Resp: 214
 Ion Ratio Lower Upper
 198 100
 51 222.8 37.7 77.7#
 105 188.8 36.3 76.3#

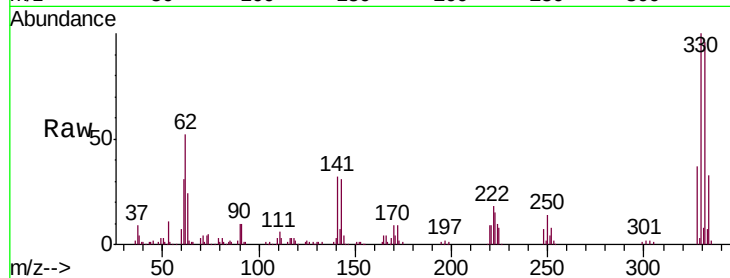




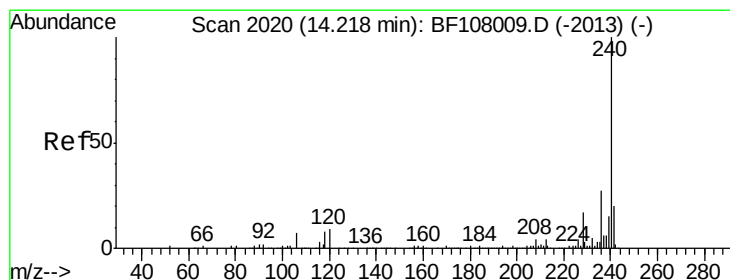
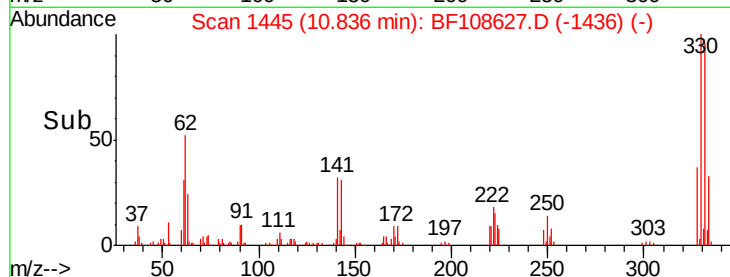
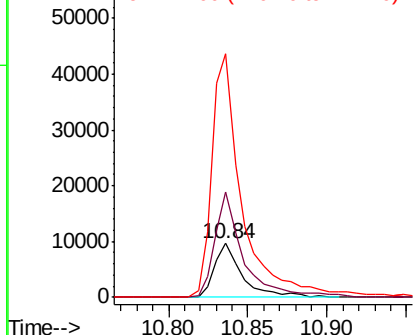
#66
 4-Bromophenyl-phenylether
 Concen: 3.427 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-U-S

Tgt Ion:248 Resp: 11744
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 454.2 74.4 111.6#

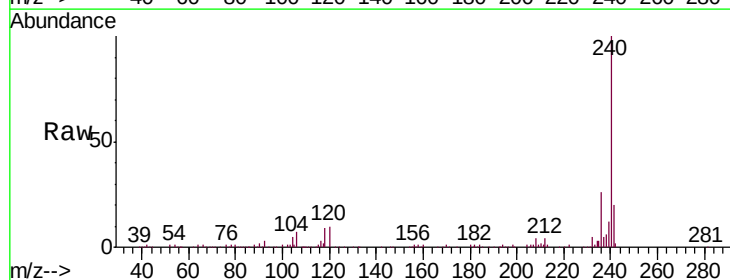


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

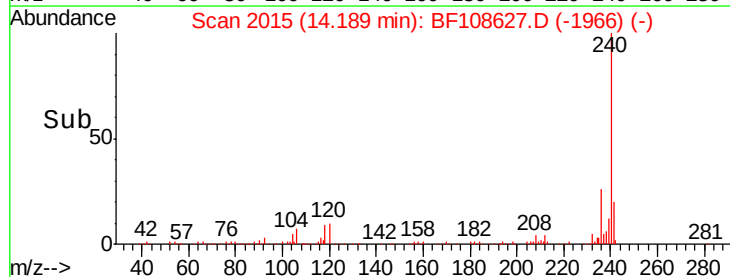
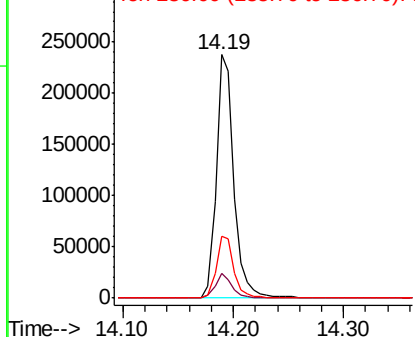


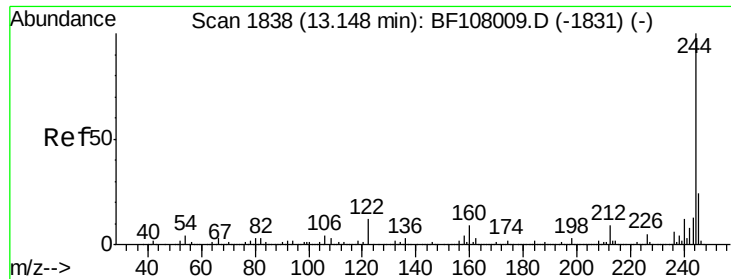
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Tgt Ion:240 Resp: 259461
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.5 14.3
 236 25.5 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

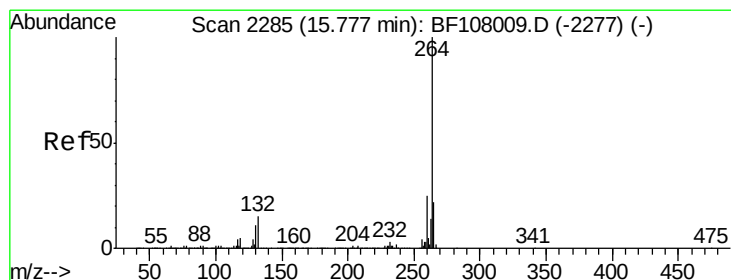
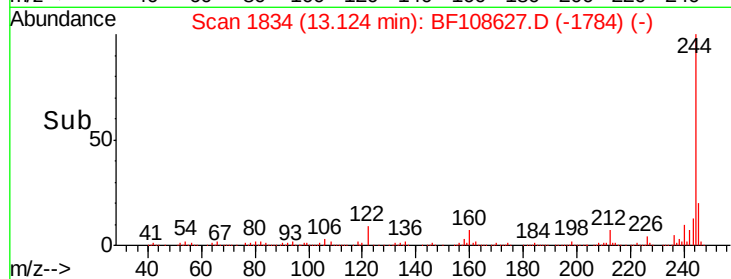
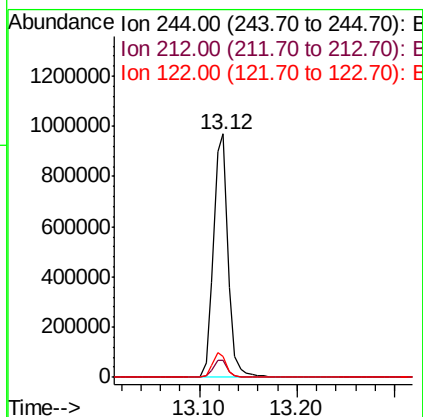
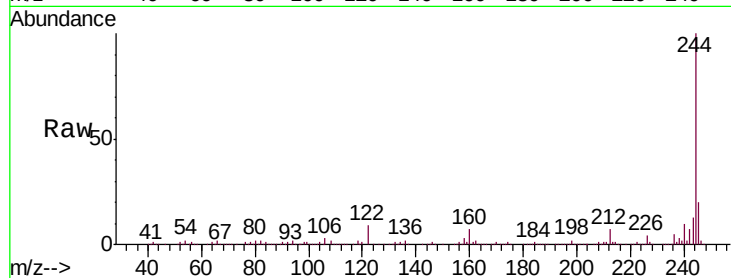




#78
 Terphenyl-d14
 Concen: 97.968 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Instrument :
 BNA_F
 ClientSampleId :
 082718-TIPC-F-U-S

Tgt Ion: 244 Resp: 999728
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108627.D
 Acq: 30 Aug 2018 2:33

Tgt Ion: 264 Resp: 257693
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.3 17.5 26.3

