

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112750.D
 Acq On : 28 Feb 2019 6:25
 Operator : JU/SJ
 Sample : K1616-05 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-658

Quant Time: Feb 28 06:52:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

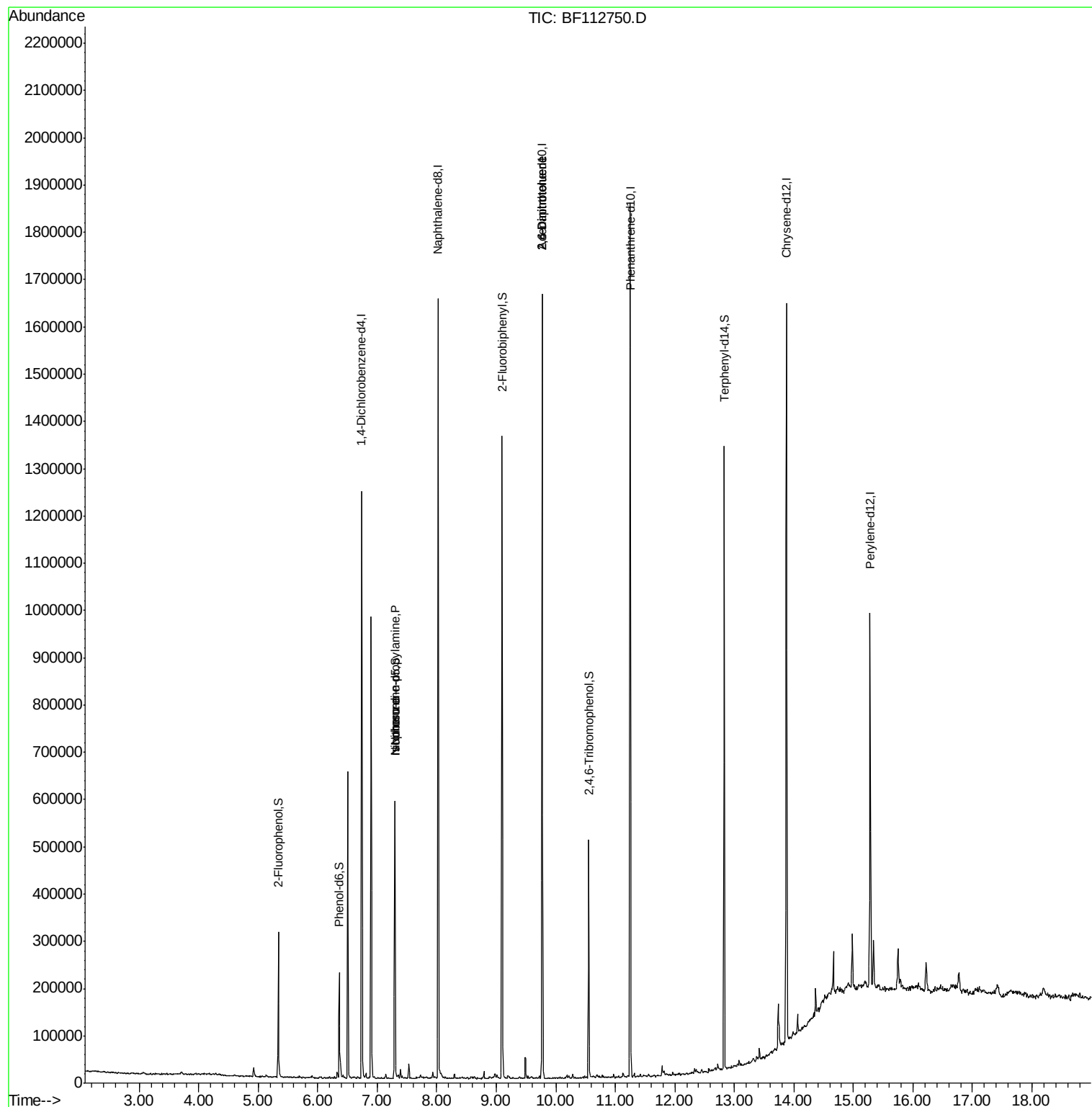
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	194956	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	724635	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	321597	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	646035	20.00	ng	0.00
76) Chrysene-d12	13.87	240	489958	20.00	ng	0.00
87) Perylene-d12	15.28	264	356815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	83586	6.67	ng	0.00
7) Phenol-d6	6.36	99	67543	4.29	ng	0.00
23) Nitrobenzene-d5	7.30	82	185380	15.31	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	54684	16.02	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	386620	8.81	ng	0.00
79) Terphenyl-d14	12.83	244	393710	15.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	23518	2.359	ng	# 84
25) Isophorone	7.30	82	185408	7.107	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	40297	8.161	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	40297	6.565	ng	# 18

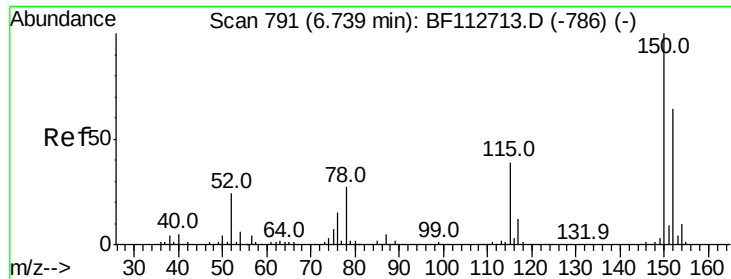
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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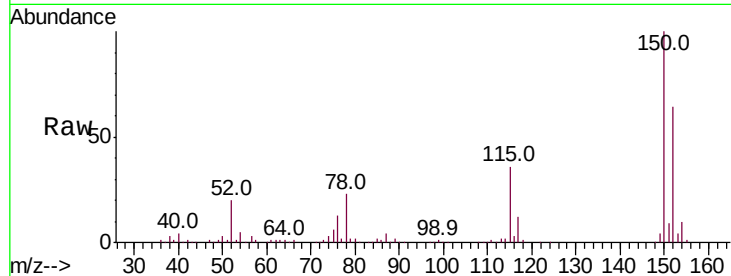


#1

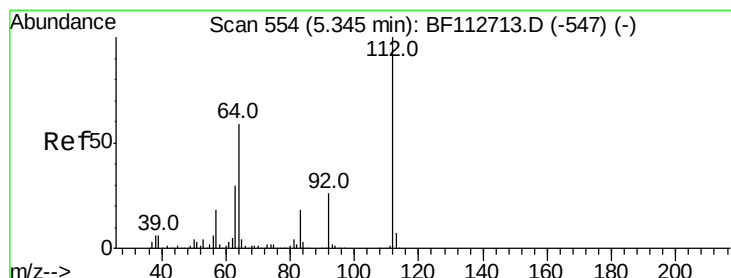
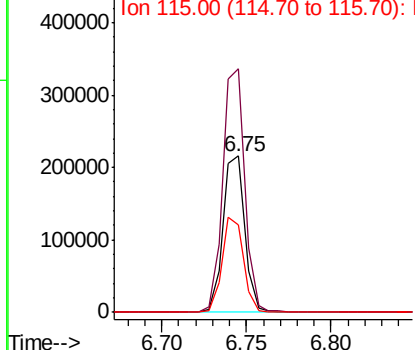
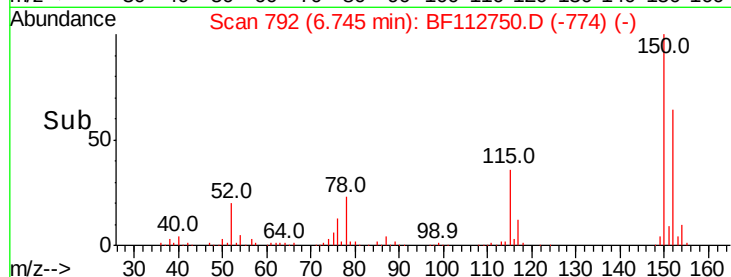
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

Instrument :
BNA_F
ClientSampled :
TI-658

Tot Ion:152 Resp: 194956
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 56.3 48.2 72.4



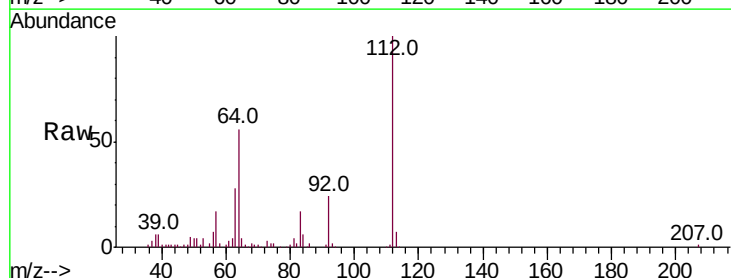
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



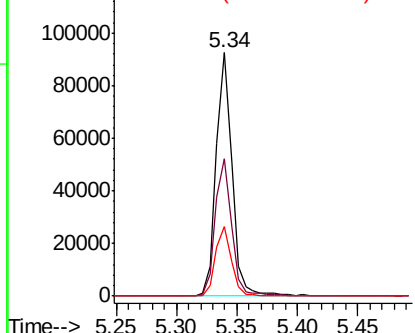
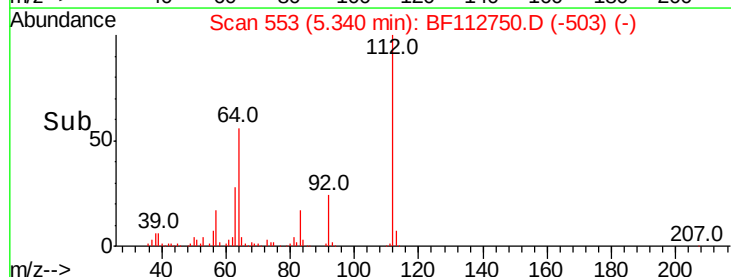
#5

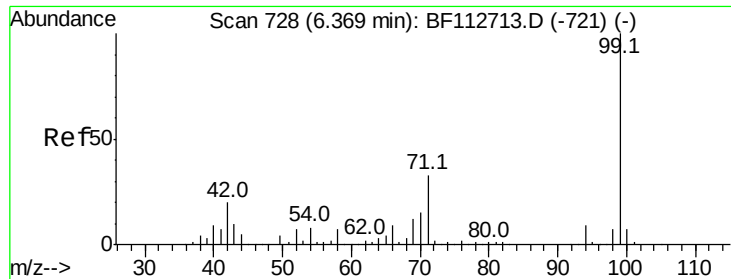
2-Fluorophenol
Concen: 6.669 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

Tgt Ion:112 Resp: 83586
Ion Ratio Lower Upper
112 100
64 56.2 47.6 71.4
63 28.5 24.4 36.6



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: 4.290 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

Instrument :

BNA_F

ClientSampleId :

TI-658

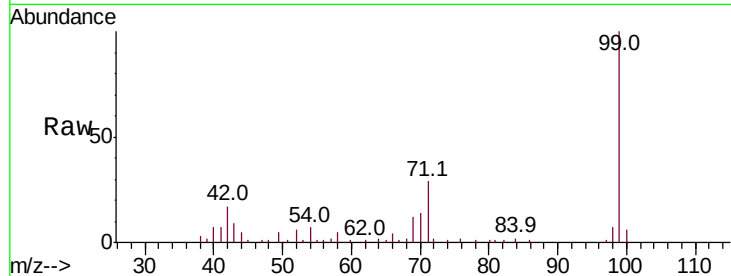
Tot Ion: 99 Resp: 67543

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

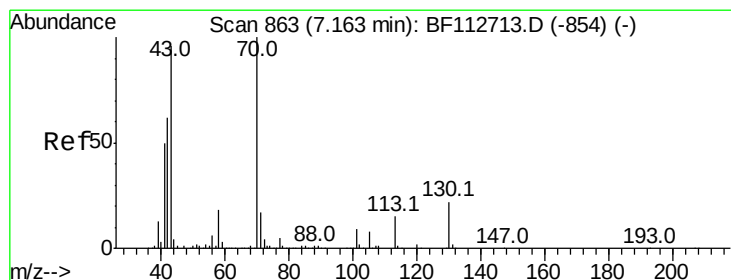
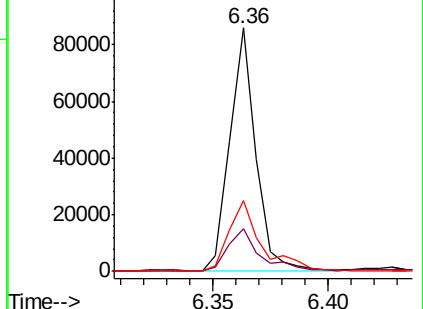
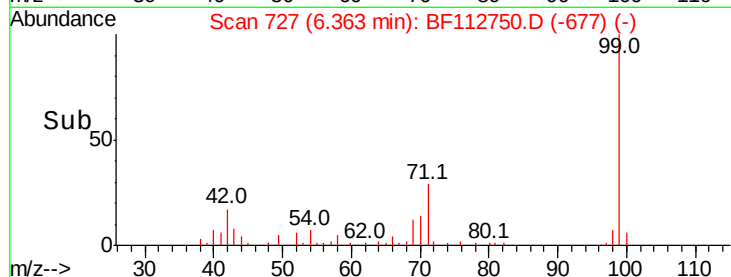
71 29.2 26.2 39.4



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: 2.359 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.13 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

Tgt Ion: 70 Resp: 23518

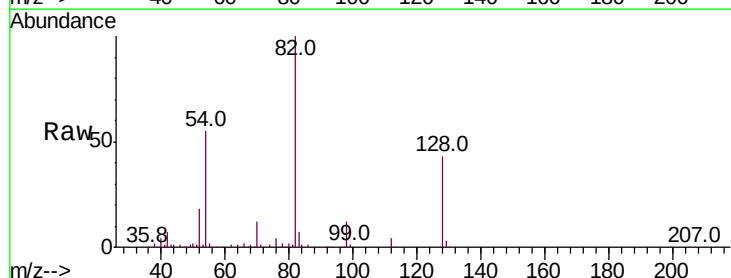
Ion Ratio Lower Upper

70 100

42 58.5 49.9 74.9

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

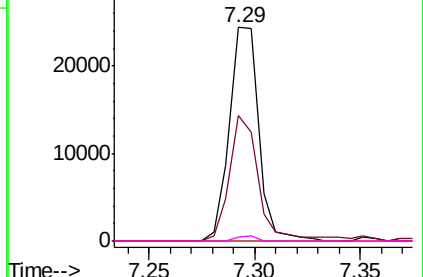
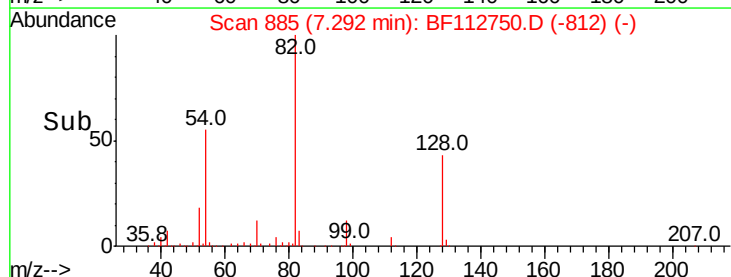


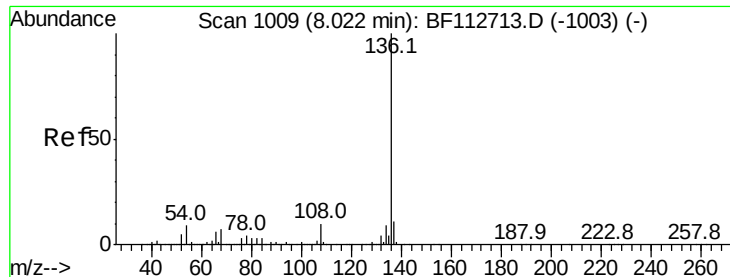
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

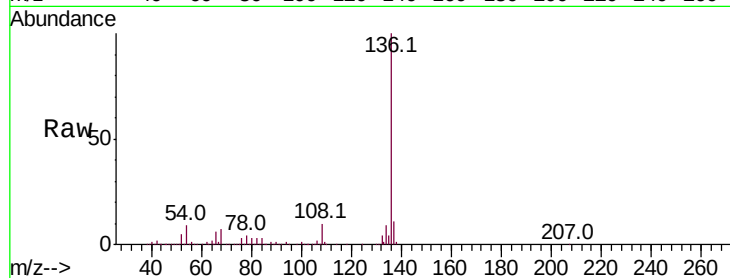




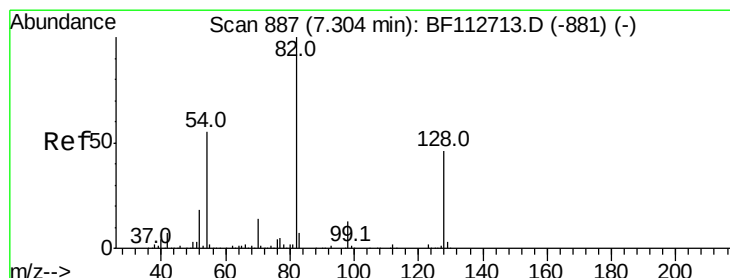
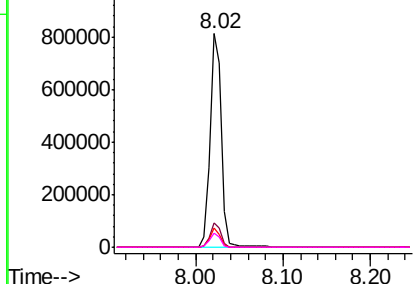
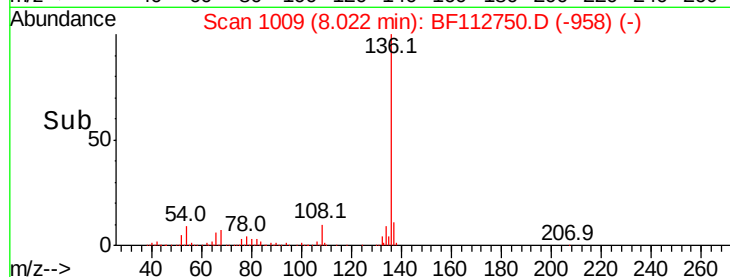
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

Instrument :
BNA_F
ClientSampleId :
TI-658

Tot Ion:	136	Resp:	724635
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	7.3	10.9
68	6.8	5.4	8.2

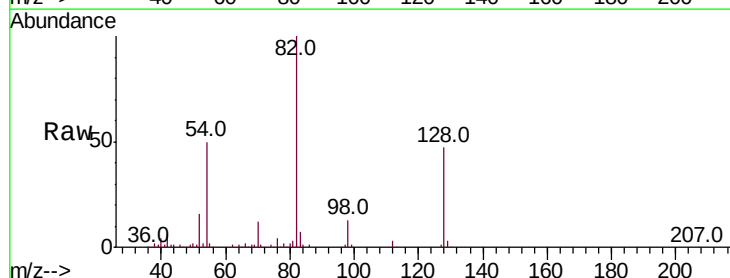


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

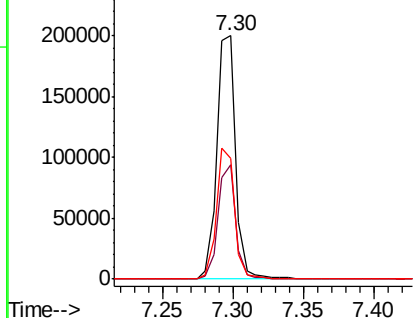
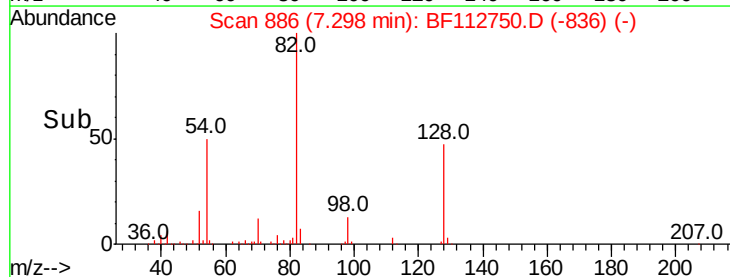


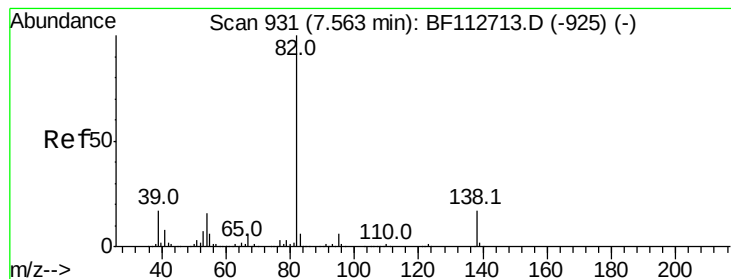
#23
Nitrobenzene-d5
Concen: 15.308 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

Tgt Ion:	82	Resp:	185380
Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.3	54.5
54	49.8	43.7	65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.107 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

Instrument :

BNA_F

ClientSampled :

TI-658

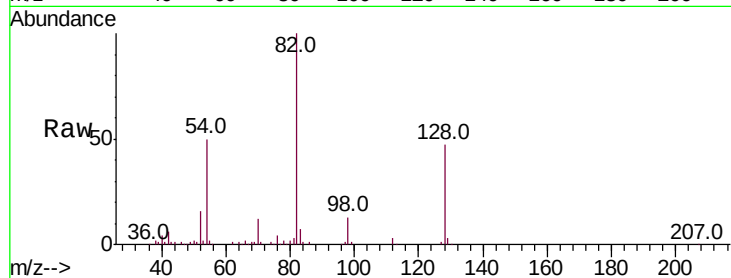
Tot Ion: 82 Resp: 185408

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

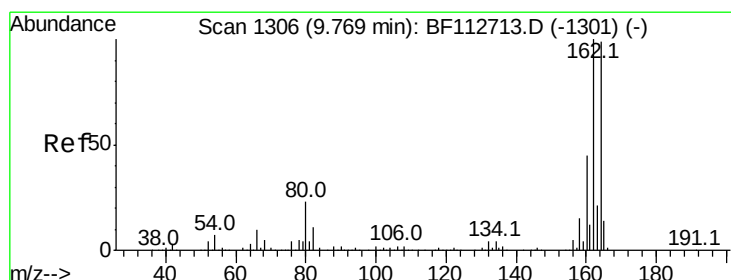
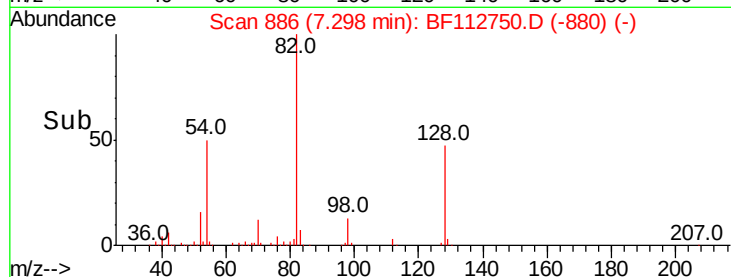
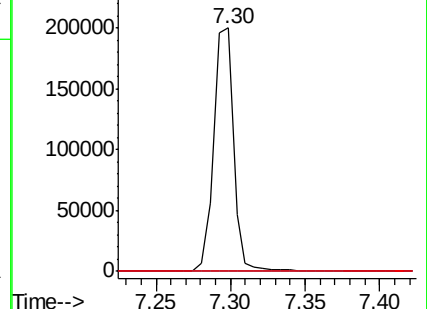
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

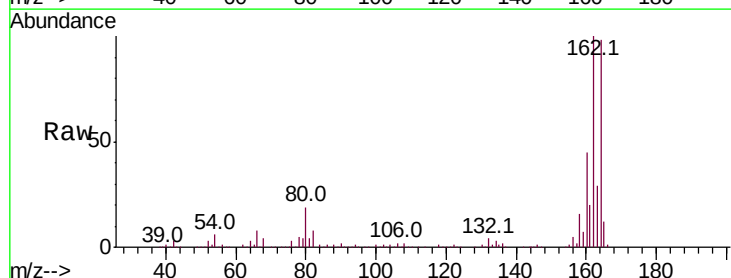
Tgt Ion:164 Resp: 321597

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

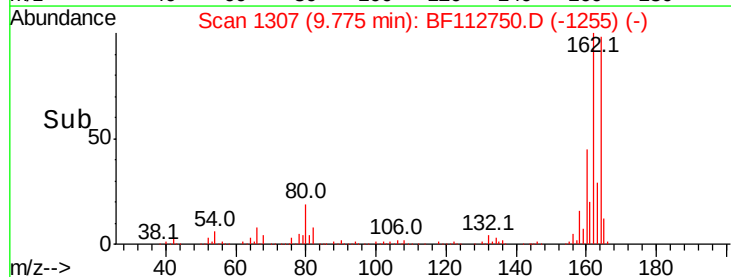
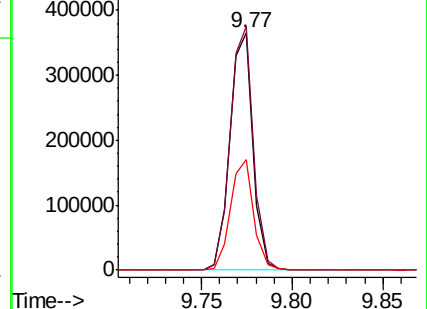
160 46.4 36.0 54.0

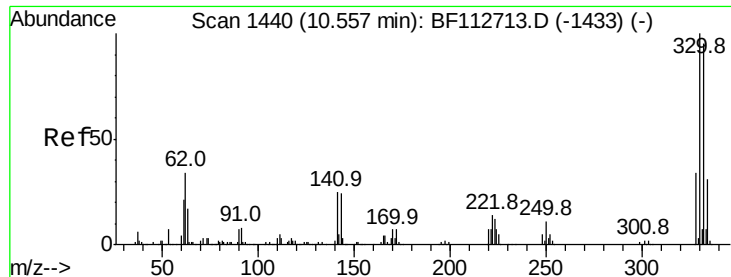


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

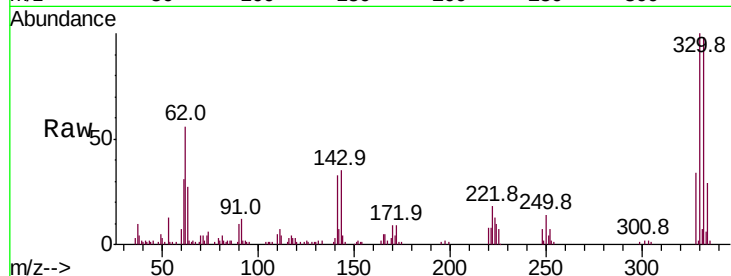




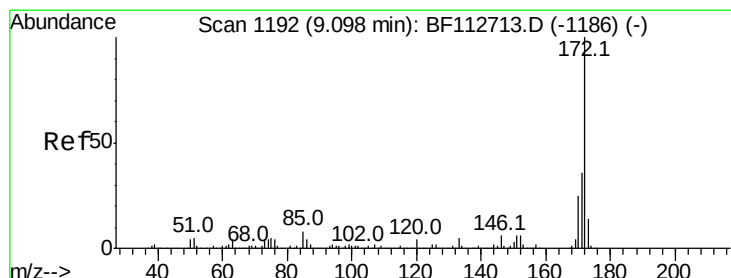
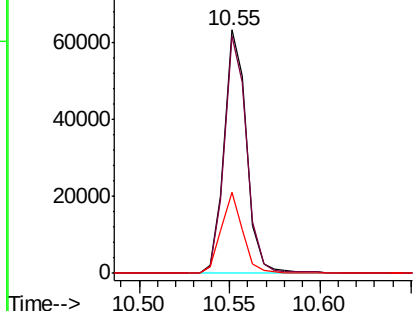
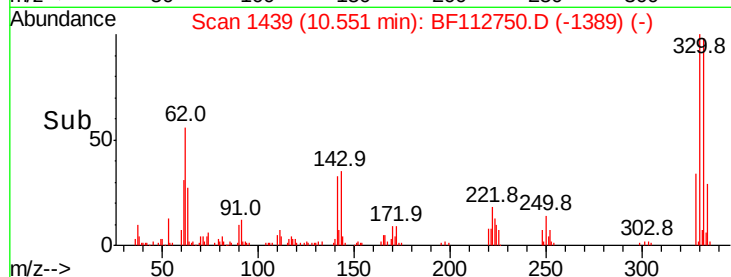
#42
 2,4,6-Tribromophenol
 Concen: 16.017 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112750.D
 Acq: 28 Feb 2019 6:25

Instrument :
 BNA_F
 ClientSampled :
 TI-658

Tot Ion:330 Resp: 54684
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.2 114.4
 141 31.5 27.0 40.6

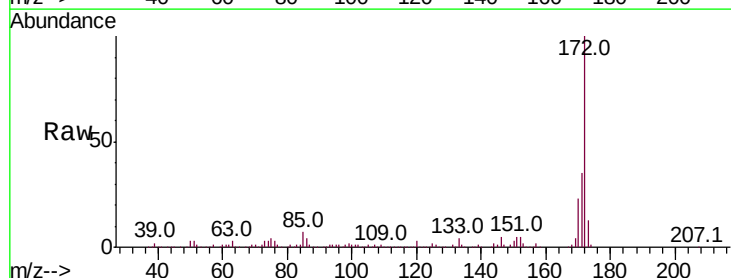


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

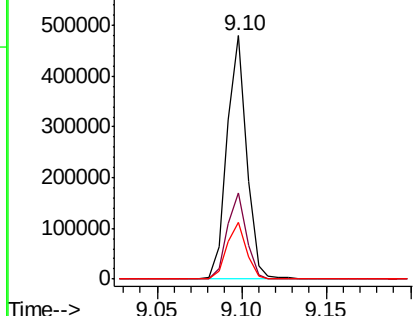
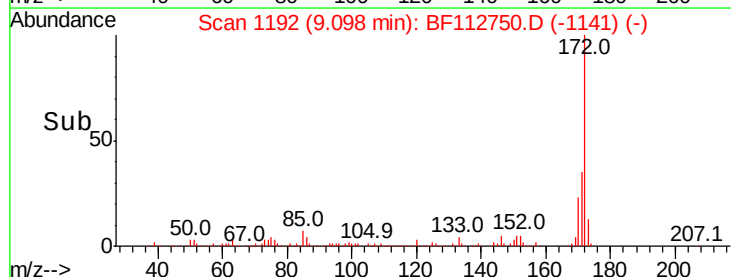


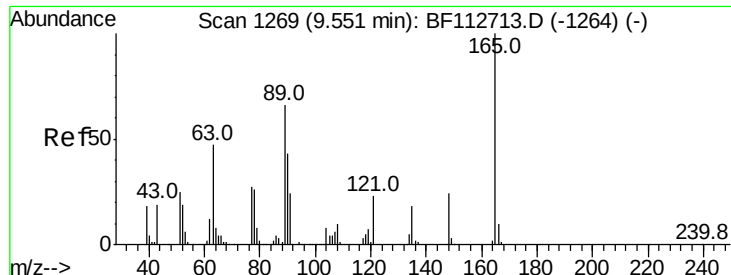
#45
 2-Fluorobiphenyl
 Concen: 8.813 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112750.D
 Acq: 28 Feb 2019 6:25

Tgt Ion:172 Resp: 386620
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 23.3 20.0 30.0



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

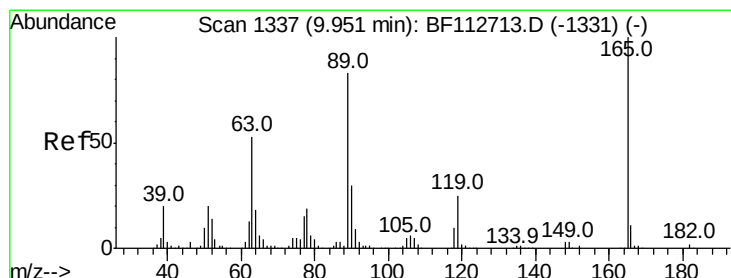
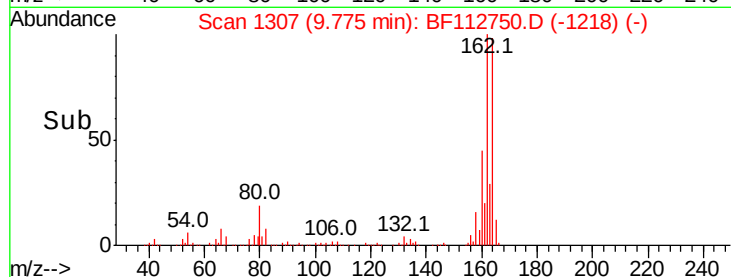
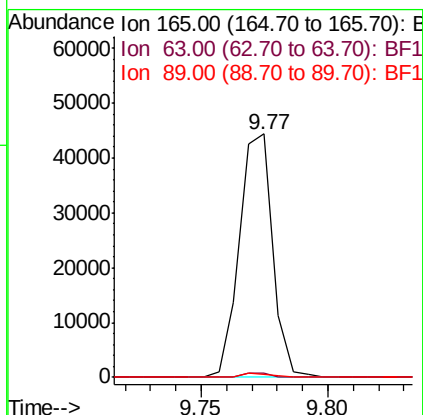
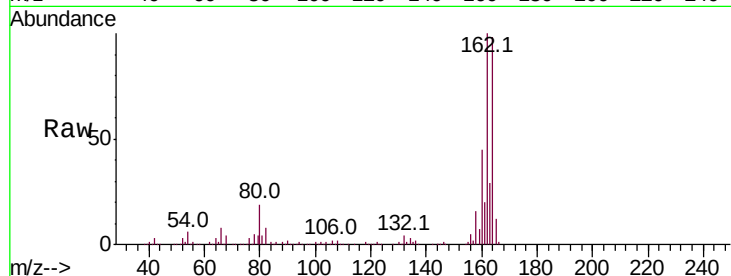




#51
 2,6-Dinitrotoluene
 Concen: 8.161 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF112750.D
 Acq: 28 Feb 2019 6:25

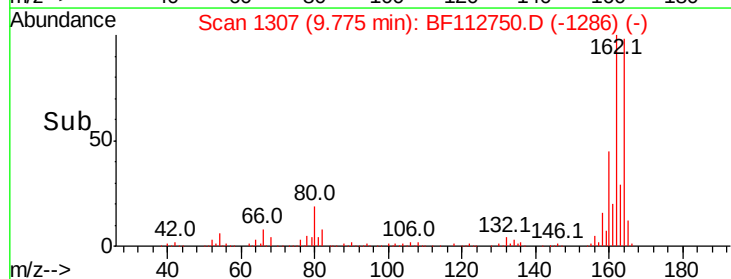
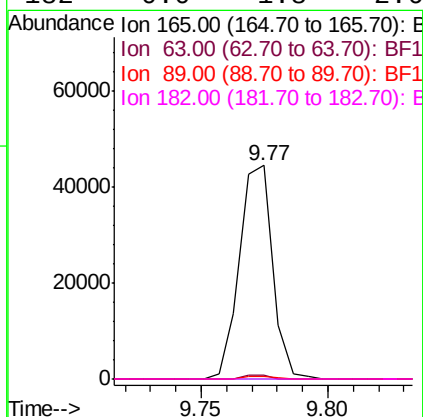
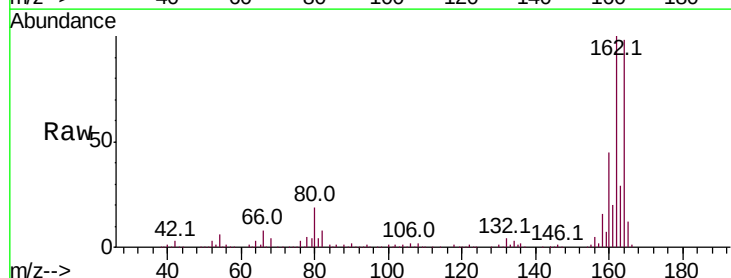
Instrument :
 BNA_F
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 TI-658

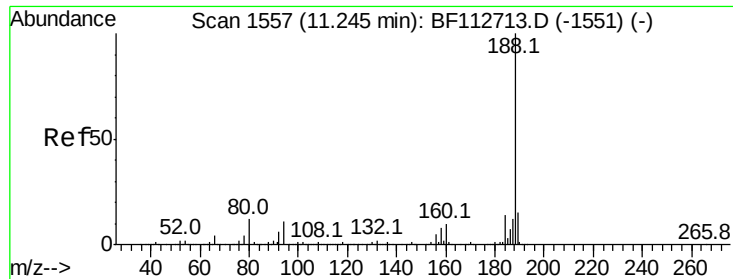
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.3	52.8	79.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.565 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112750.D
 Acq: 28 Feb 2019 6:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#

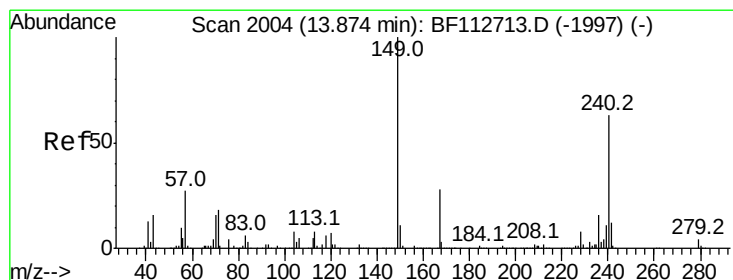
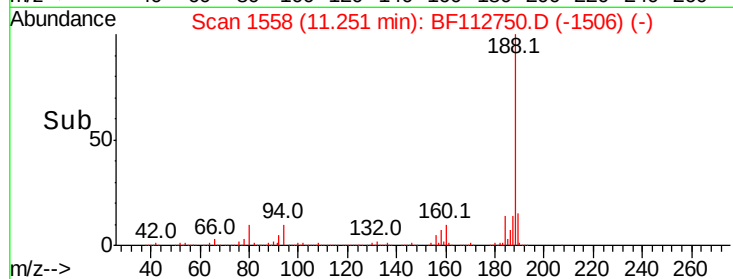
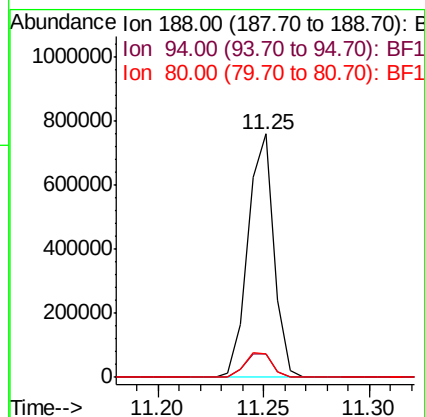
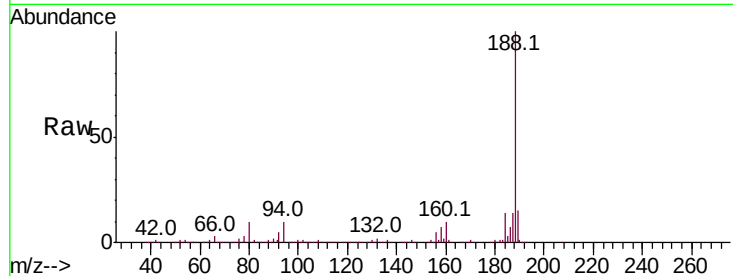




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

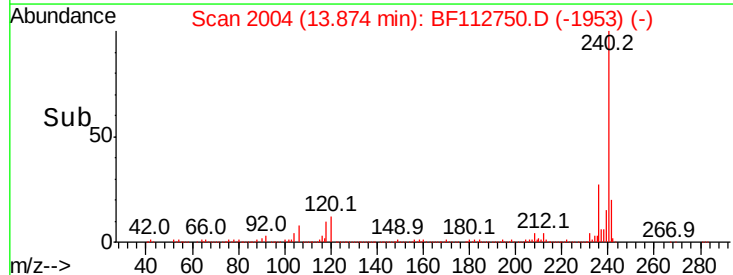
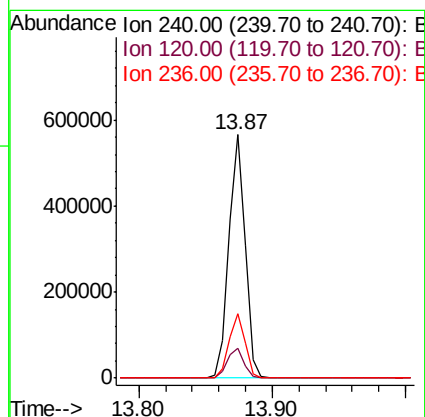
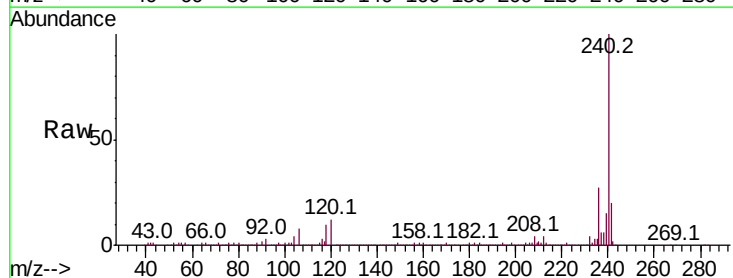
Instrument :
BNA_F
ClientSampleId :
TI-658

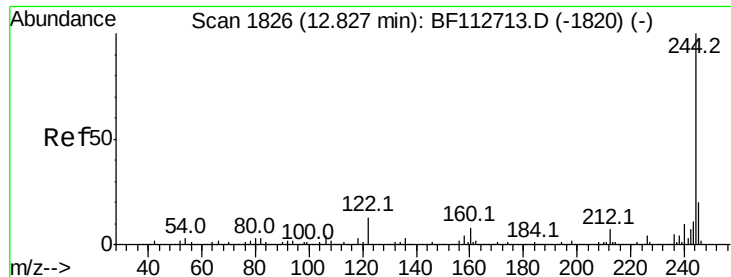
Tot Ion:188 Resp: 646035
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 9.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112750.D
Acq: 28 Feb 2019 6:25

Tgt Ion:240 Resp: 489958
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.6 20.7 31.1





#79

Terphenyl-d14

Concen: 15.577 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

Instrument :

BNA_F

ClientSampleId :

TI-658

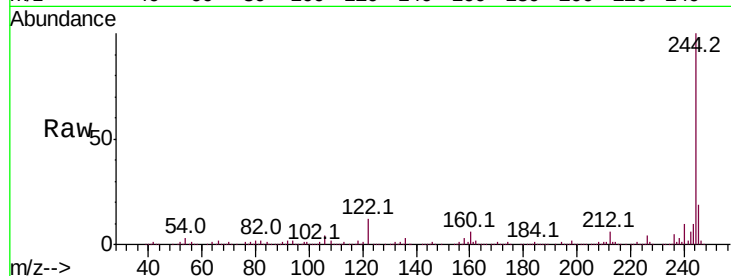
Tot Ion:244 Resp: 393710

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

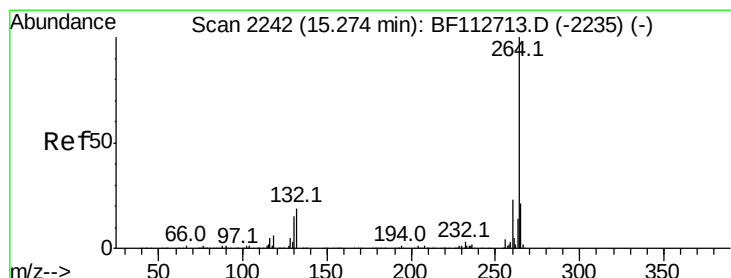
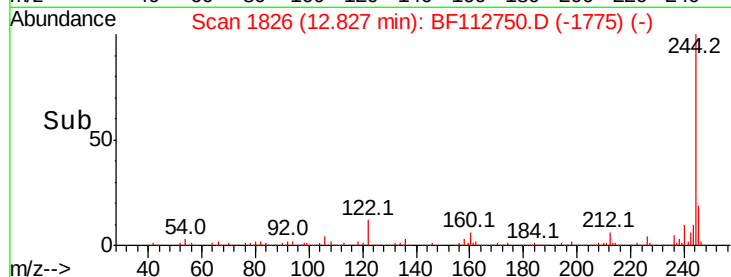
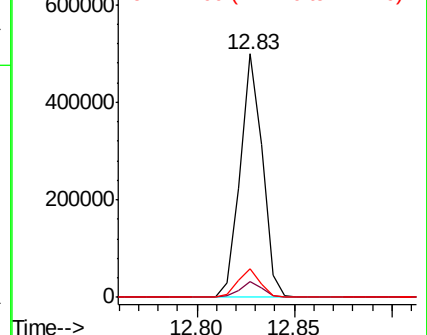
122 11.8 10.5 15.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF112750.D

Acq: 28 Feb 2019 6:25

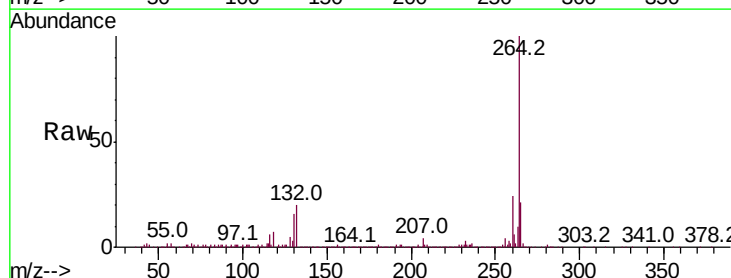
Tgt Ion:264 Resp: 356815

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.5 17.2 25.8



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

