

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092686.D
 Acq On : 31 Jan 2017 17:40
 Operator : SJ/MA
 Sample : I1610-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Quant Time: Jan 31 18:06:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

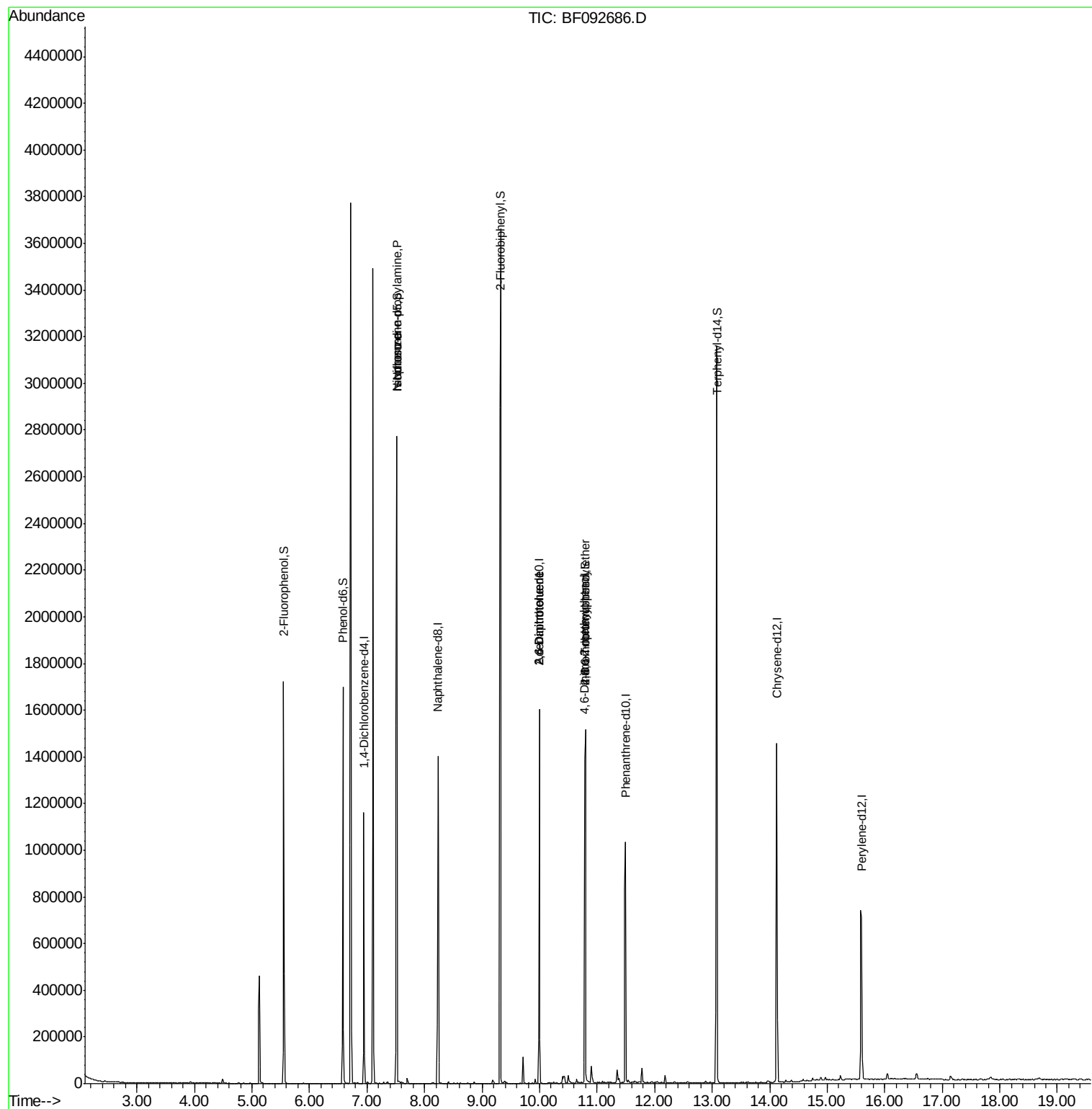
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154027	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	597272	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	320900	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	525430	20.00	ng	0.00
75) Chrysene-d12	14.12	240	472886	20.00	ng	-0.02
86) Perylene-d12	15.60	264	396233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	454037	50.57	ng	-0.02
7) Phenol-d6	6.58	99	470633	40.74	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1043353	97.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	264080	113.78	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1654750	93.42	ng	-0.01
78) Terphenyl-d14	13.08	244	1431628	71.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	142442	19.37	ng	# 79
25) Isophorone	7.52	82	1013484	50.71	ng	# 65
50) 2,6-Dinitrotoluene	10.00	165	41728	8.94	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	41732	6.72	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	539	2.83	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	19140	3.49	ng	# 1

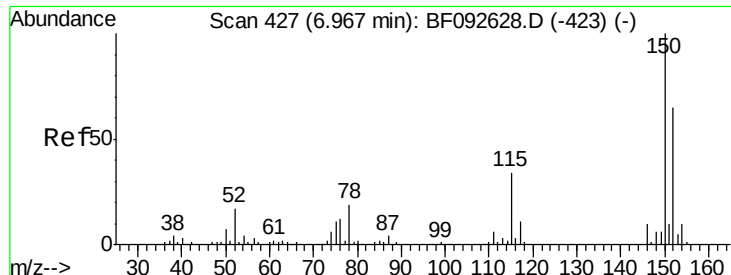
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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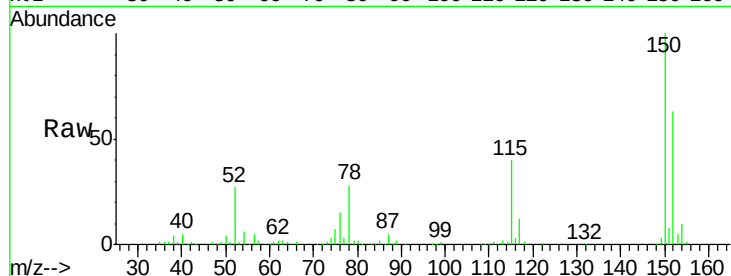




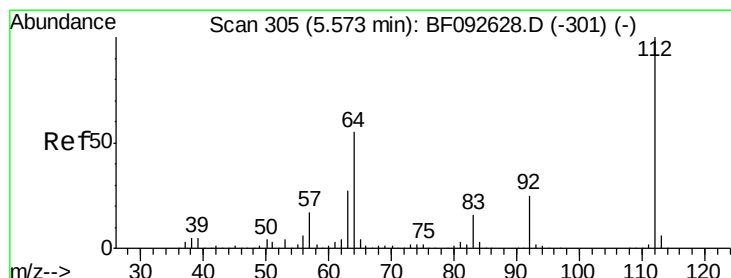
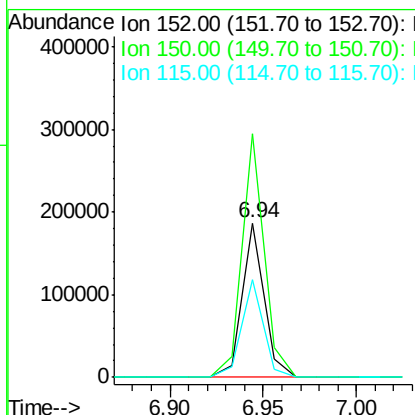
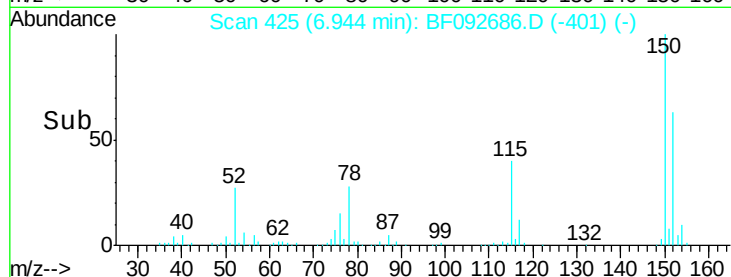
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	63.7	46.0	69.0

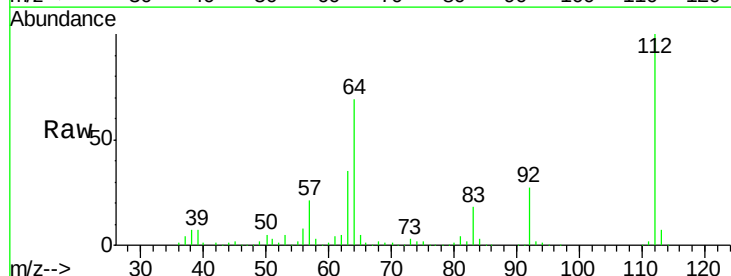


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

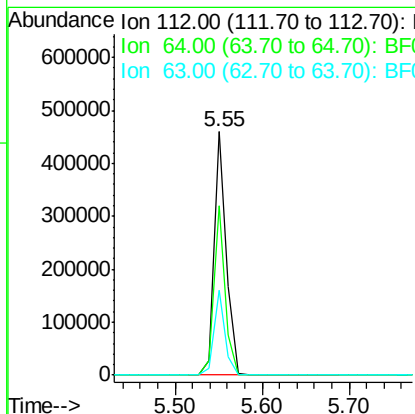
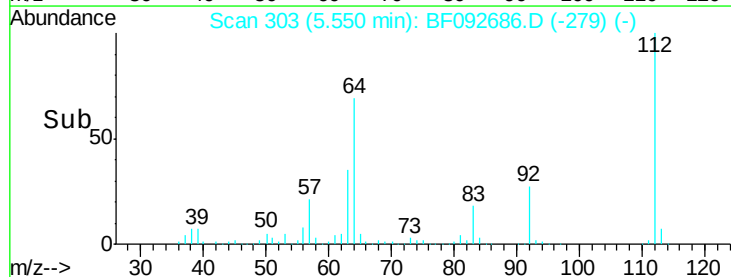


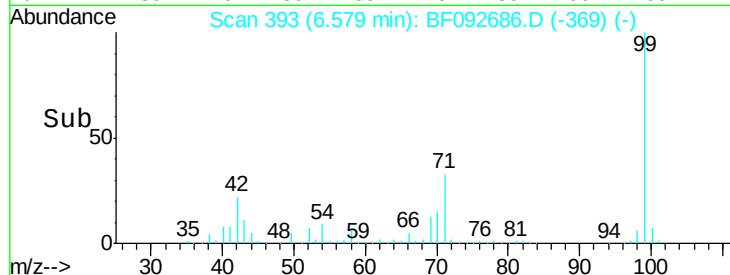
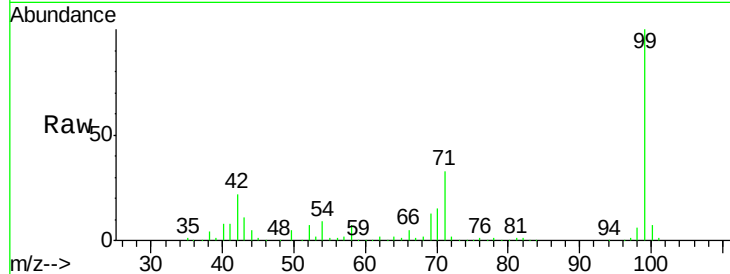
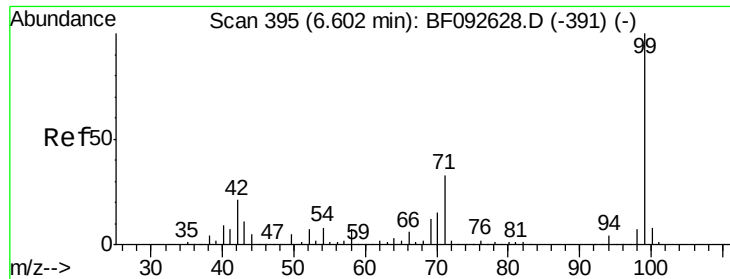
#5
 2-Fluorophenol
 Concen: 50.57 ng
 RT: 5.55 min Scan# 303
 Delta R.T. -0.02 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	46.1	69.1#
63	34.8	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.74 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

Instrument :

BNA_F

ClientSampleId :

W-1

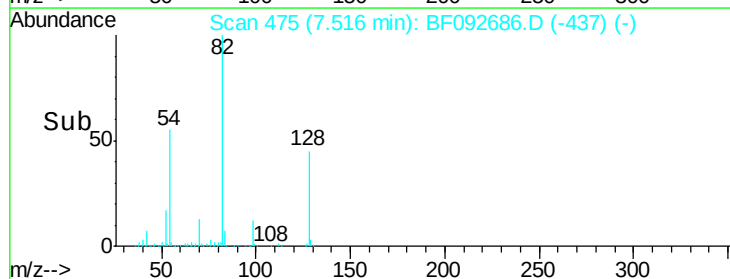
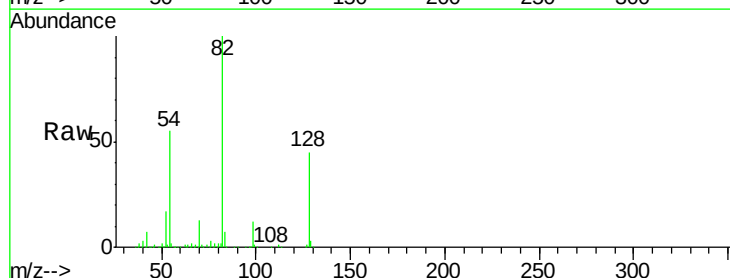
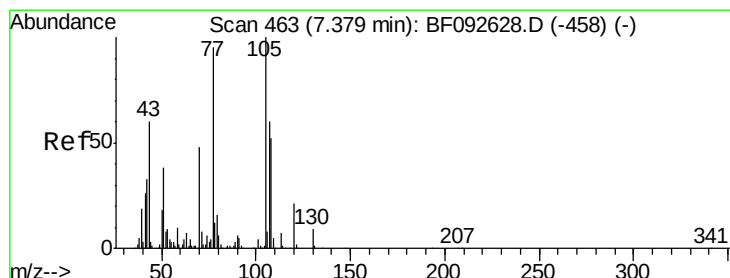
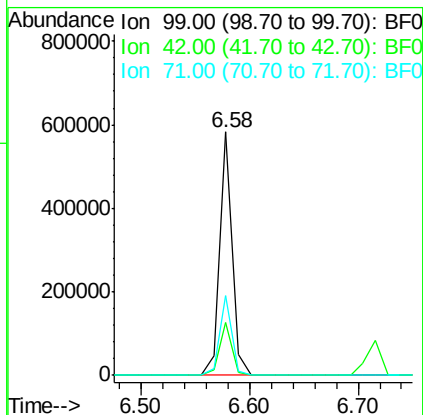
Tot Ion: 99 Resp: 470633

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.37 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

Tgt Ion: 70 Resp: 142442

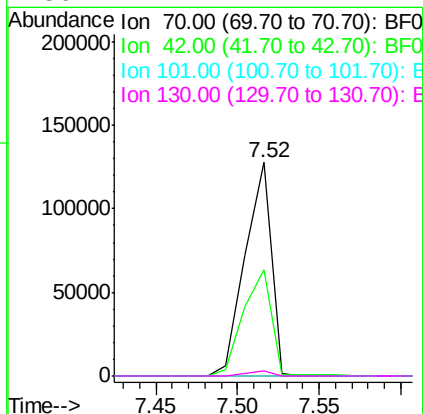
Ion Ratio Lower Upper

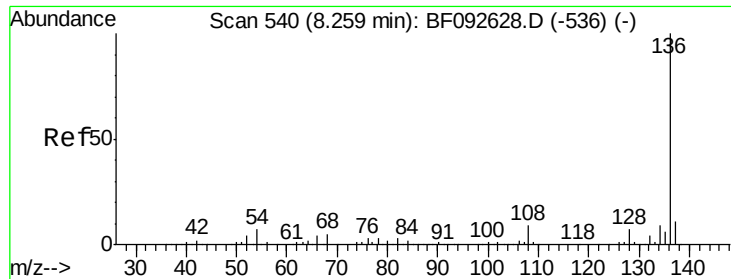
70 100

42 49.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

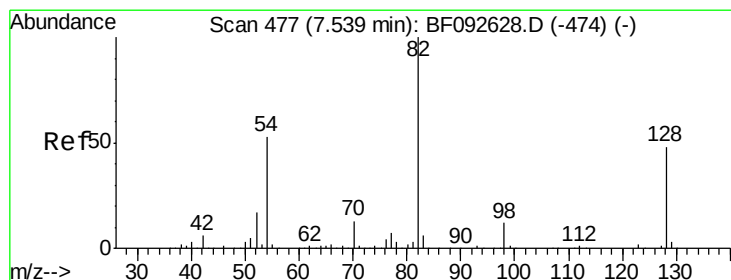
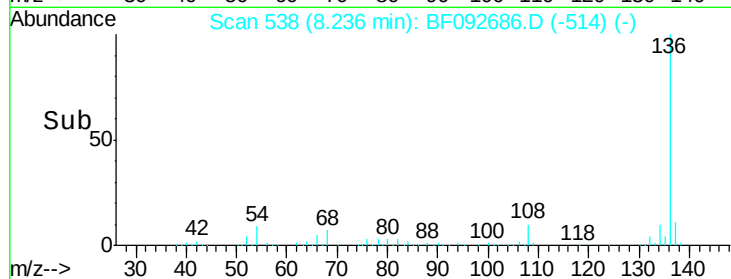
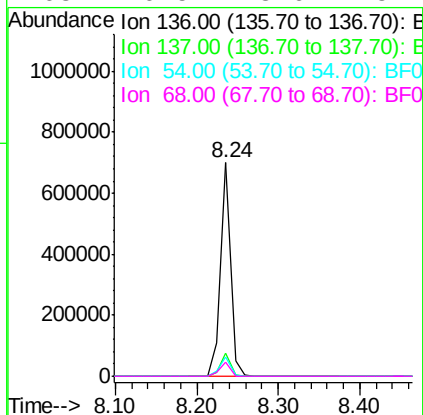
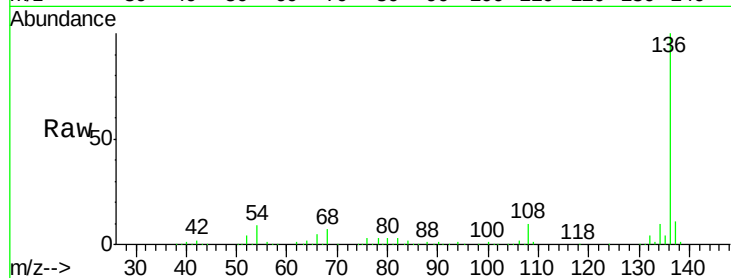




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092686.D
Acq: 31 Jan 2017 17:40

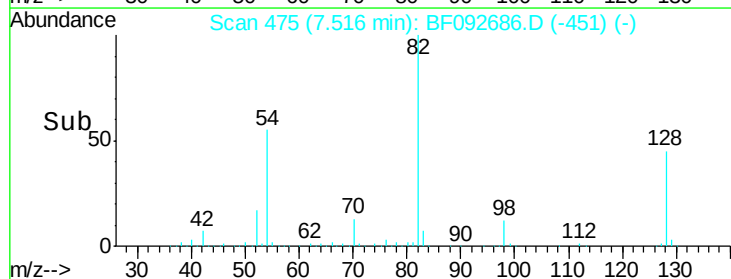
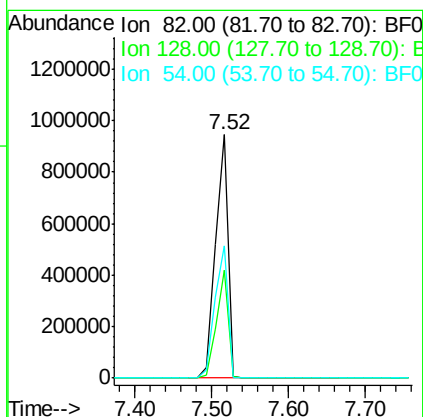
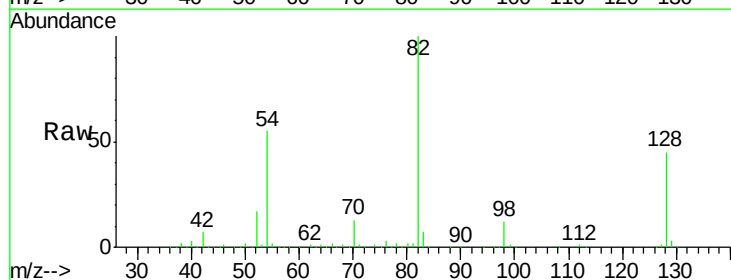
Instrument :
BNA_F
ClientSampled :
W-1

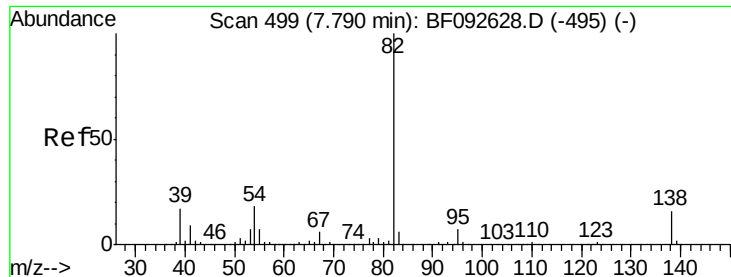
Tot Ion:136	Resp:	597272
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.4 12.6
54	9.3	4.5 6.7#
68	6.5	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 97.28 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092686.D
Acq: 31 Jan 2017 17:40

Tgt Ion: 82	Resp:	1043353
Ion	Ratio	Lower Upper
82	100	
128	44.5	34.6 52.0
54	54.5	39.5 59.3

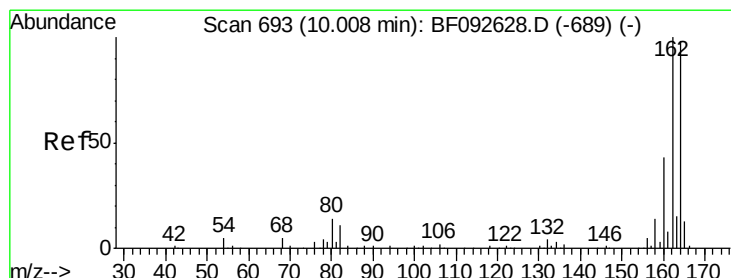
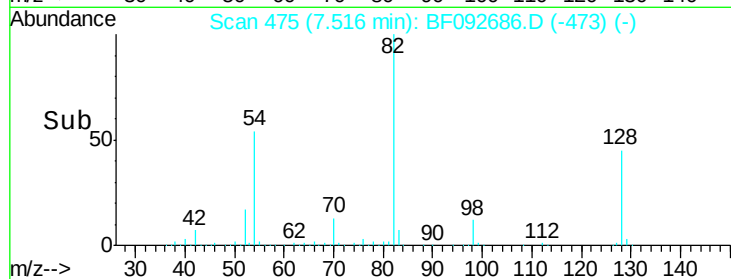
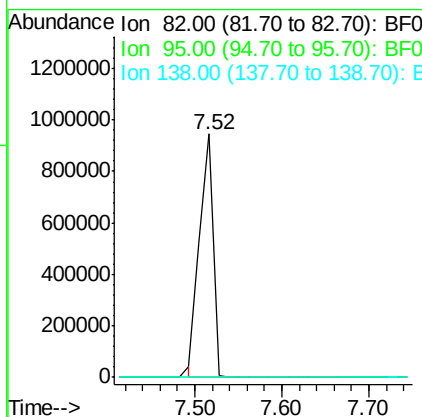
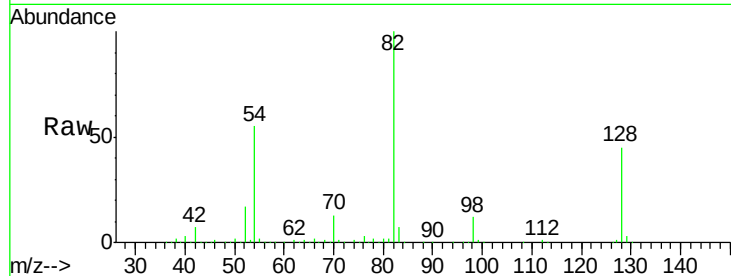




#25
Isophorone
Concen: 50.71 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092686.D
Acq: 31 Jan 2017 17:40

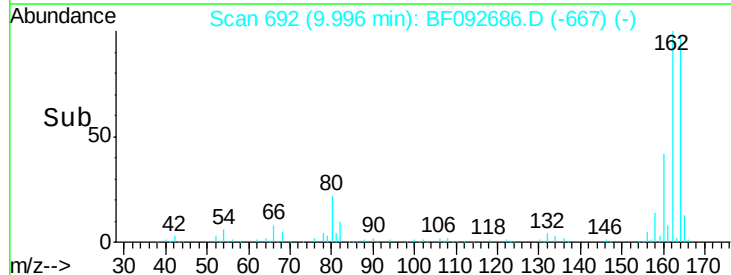
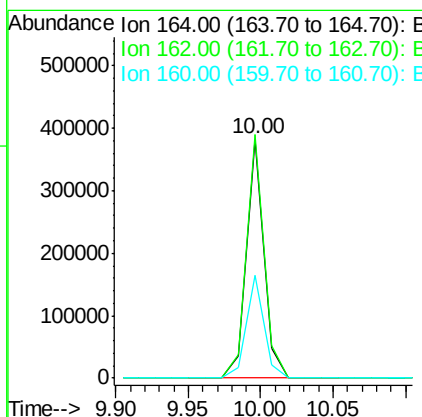
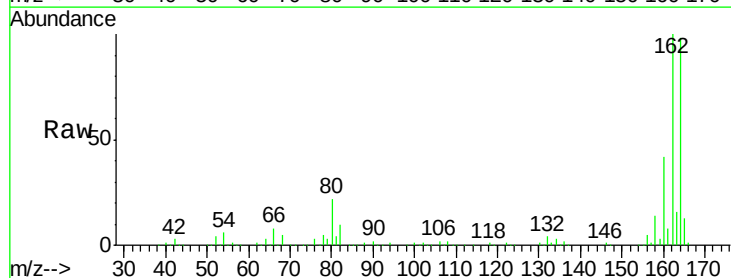
Instrument :
BNA_F
ClientSampleId :
W-1

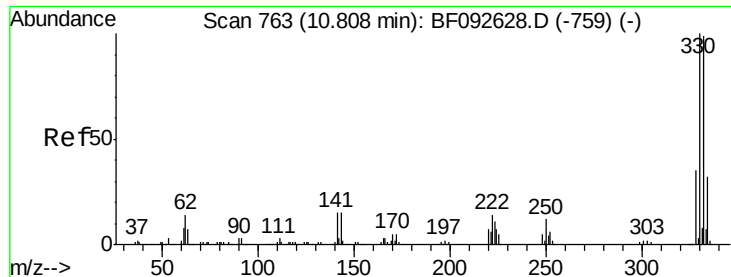
Tot Ion: 82 Resp: 1013484
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092686.D
Acq: 31 Jan 2017 17:40

Tgt Ion: 164 Resp: 320900
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 43.3 36.9 55.3

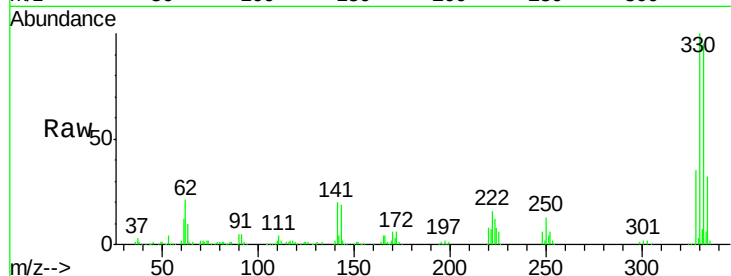




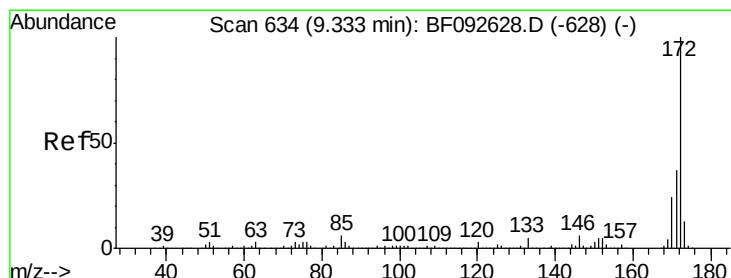
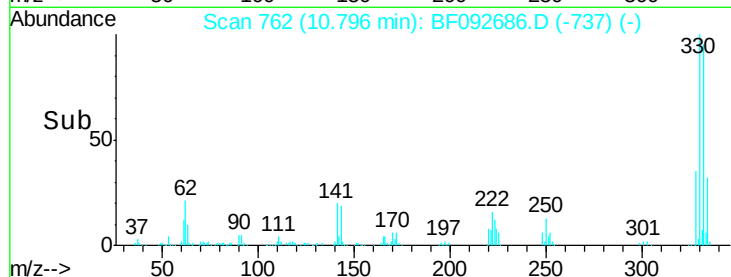
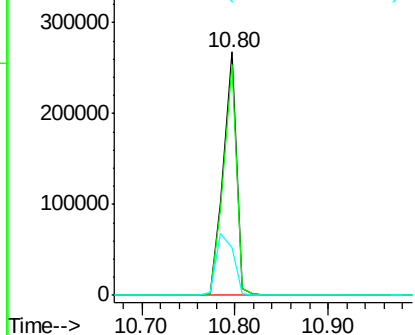
#41
 2,4,6-Tribromophenol
 Concen: 113.78 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 W-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	33.0	34.1	51.1#

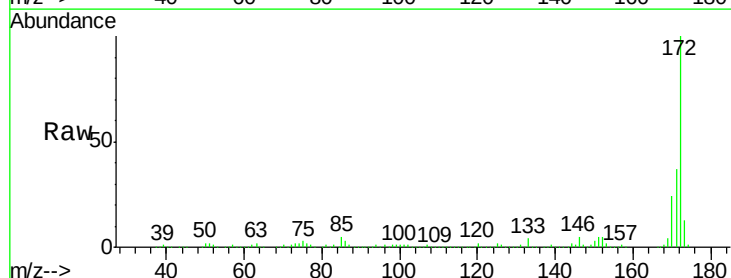


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

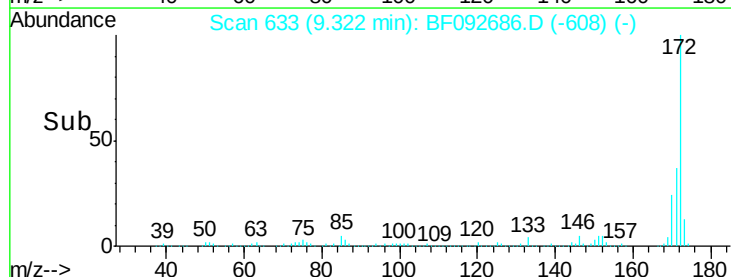
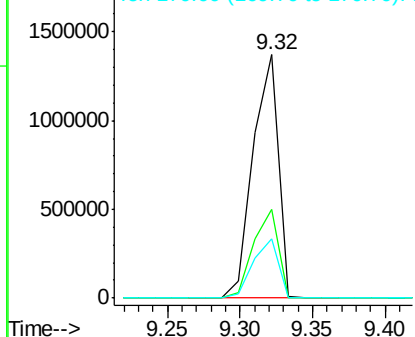


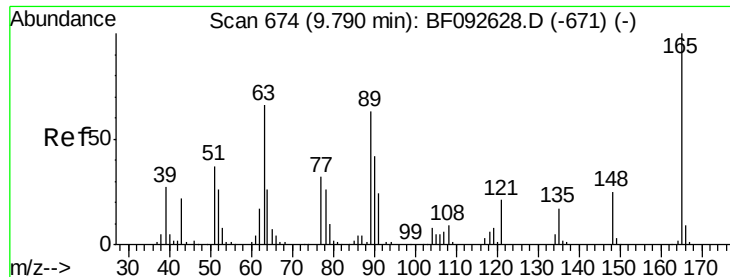
#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.3	20.2	30.4



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

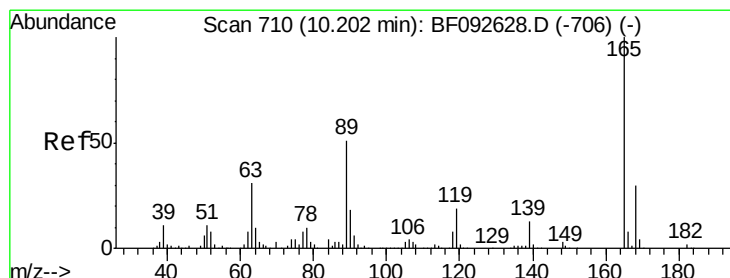
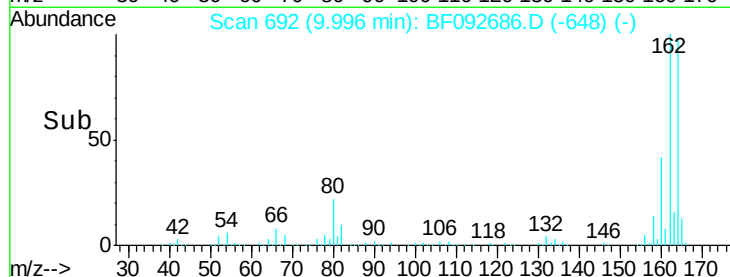
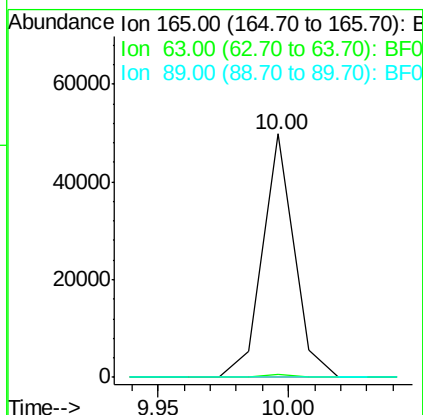
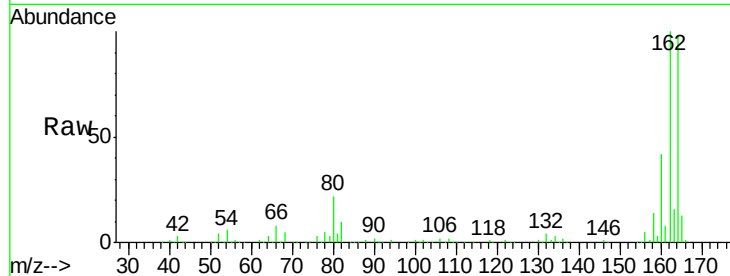




#50
 2,6-Dinitrotoluene
 Concen: 8.94 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

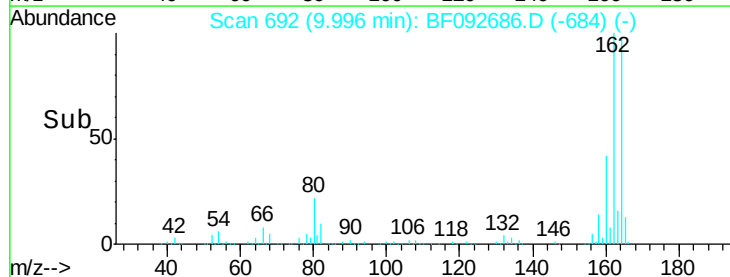
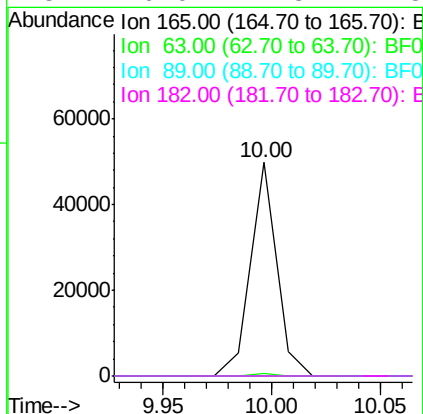
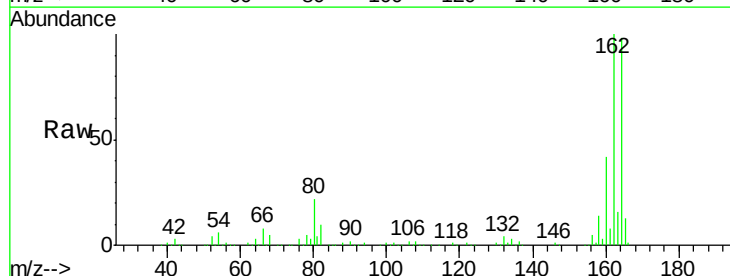
Instrument :
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 ClientSampleId :
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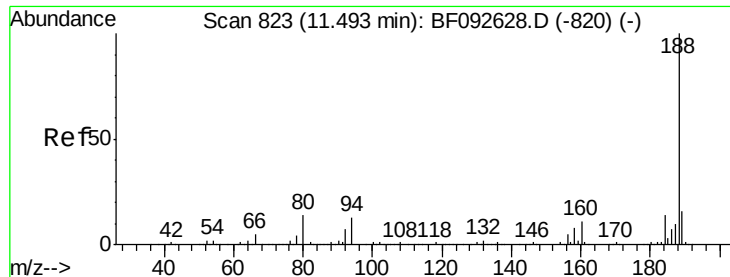
Tot Ion:165 Resp: 41728
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 0.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion:165 Resp: 41732
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

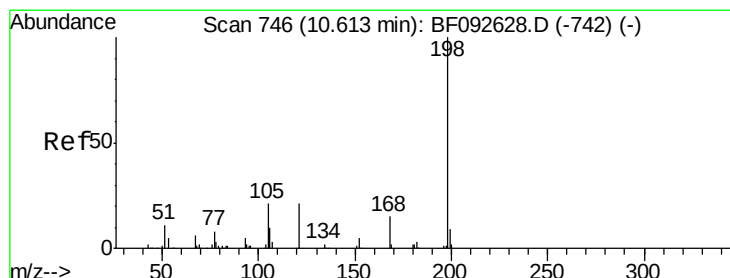
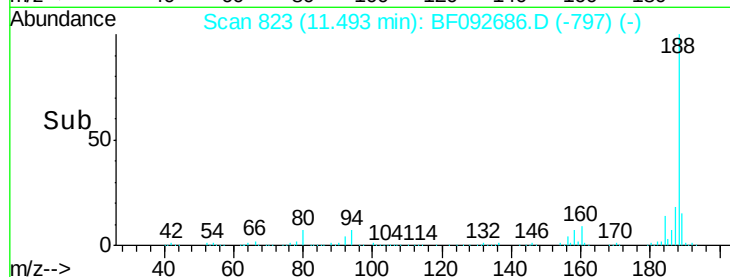
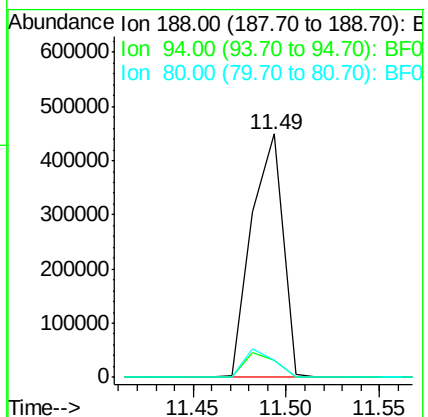
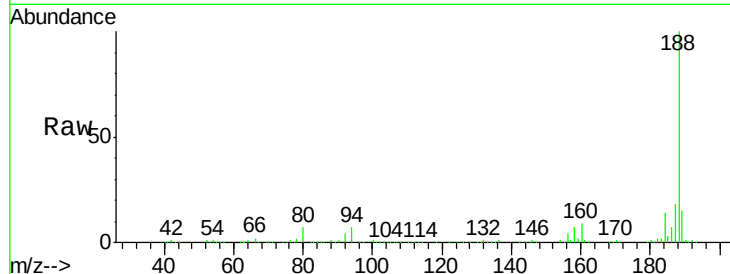




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

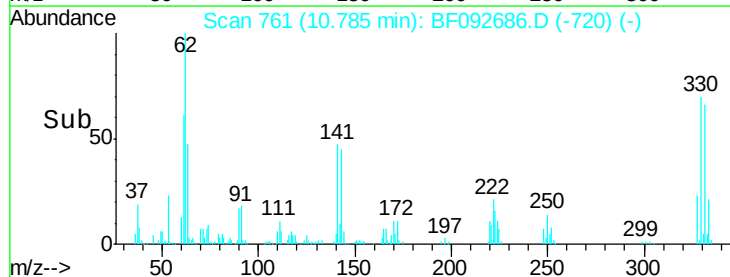
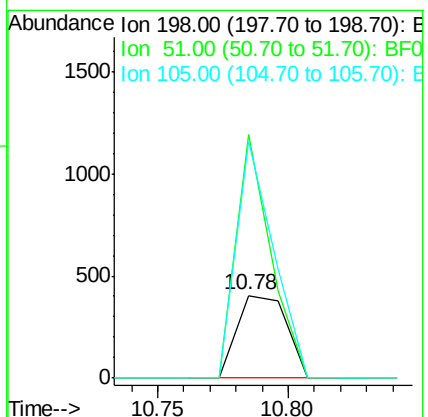
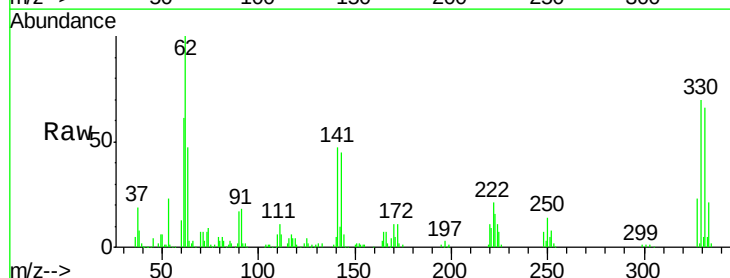
Instrument :
 BNA_F
 ClientSampleId :
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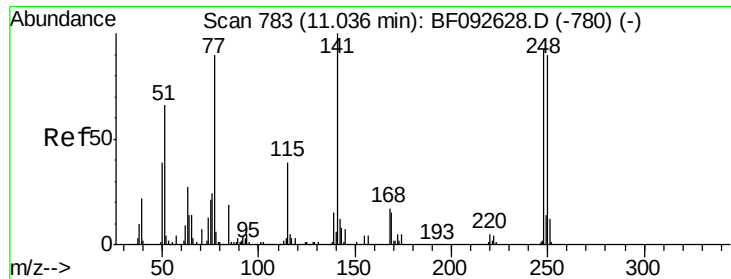
Tot Ion:188 Resp: 525430
 Ion Ratio Lower Upper
 188 100
 94 6.8 10.0 15.0#
 80 7.1 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.83 ng
 RT: 10.78 min Scan# 761
 Delta R.T. 0.17 min
 Lab File: BF092686.D
 Acq: 31 Jan 2017 17:40

Tgt Ion:198 Resp: 539
 Ion Ratio Lower Upper
 198 100
 51 293.6 6.7 46.7#
 105 286.5 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.49 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

Instrument :

BNA_F

ClientSampled :

W-1

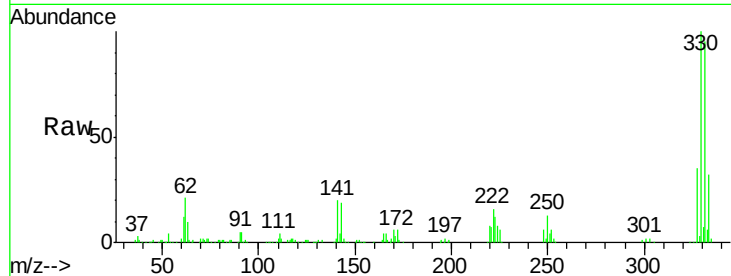
Tot Ion:248 Resp: 19140

Ion Ratio Lower Upper

248 100

250 204.5 76.9 115.3#

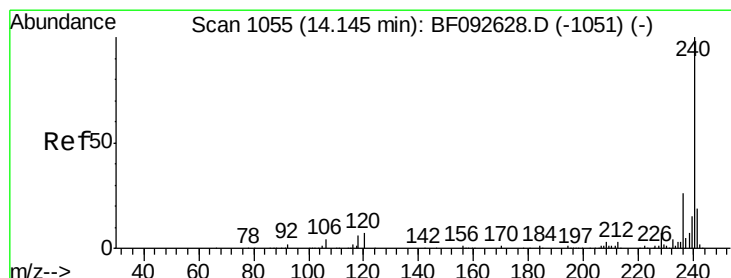
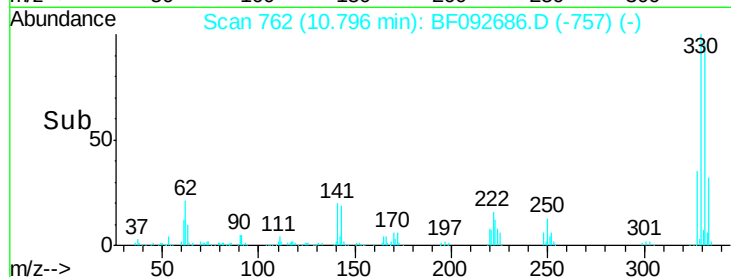
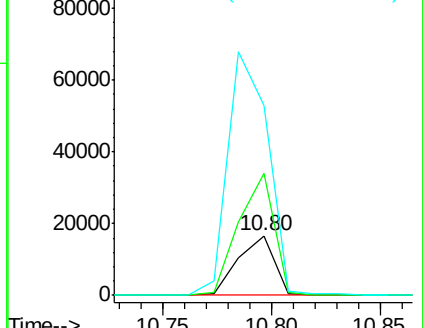
141 317.3 68.2 102.4#



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: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

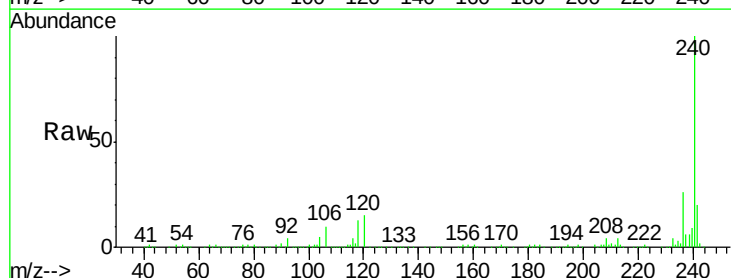
Tgt Ion:240 Resp: 472886

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

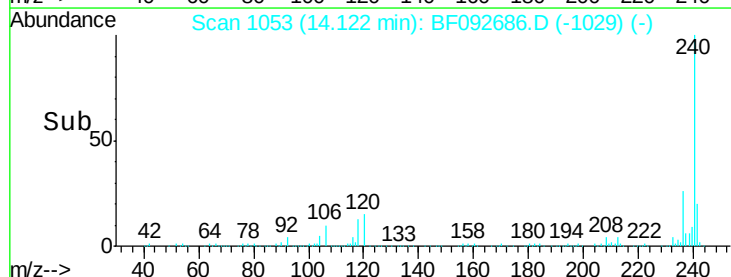
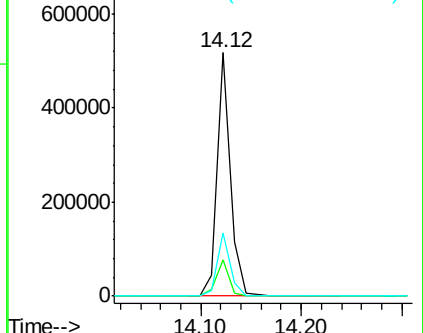
236 25.9 20.9 31.3

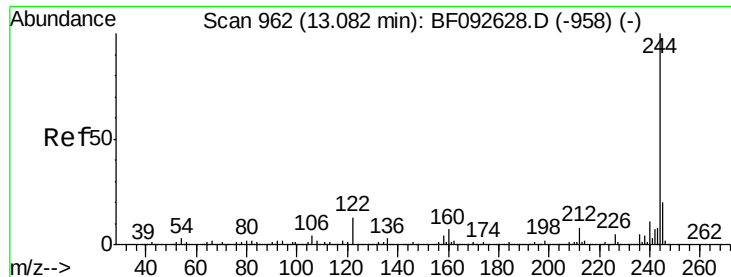


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.13 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

Instrument :

BNA_F

ClientSampleId :

W-1

Tot Ion:244 Resp: 1431628

Ion Ratio Lower Upper

244 100

212 6.9

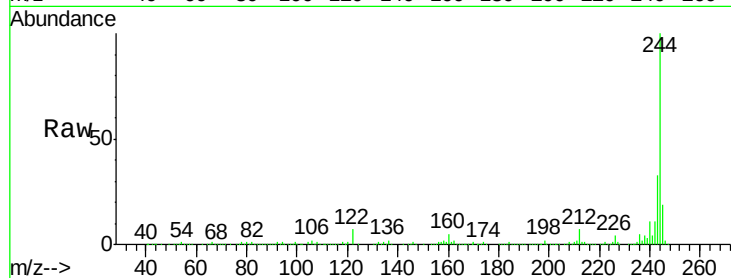
6.2

9.2

122 7.0

11.4

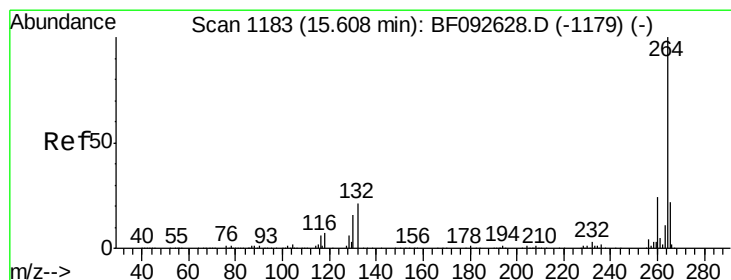
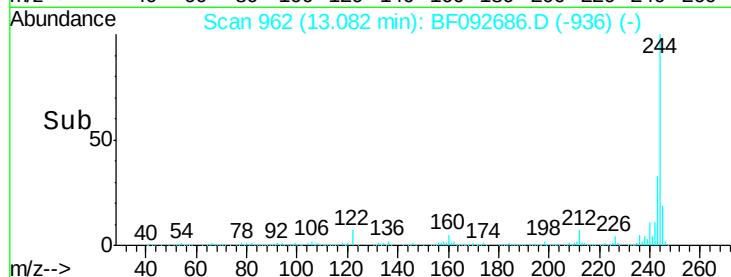
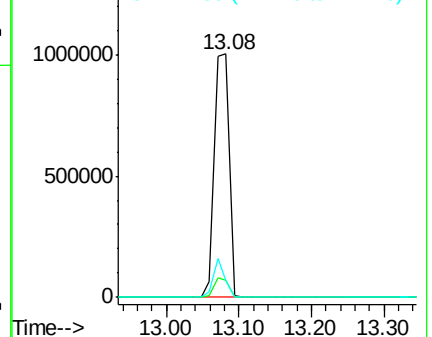
17.2#



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: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092686.D

Acq: 31 Jan 2017 17:40

Tgt Ion:264 Resp: 396233

Ion Ratio Lower Upper

264 100

260 24.1

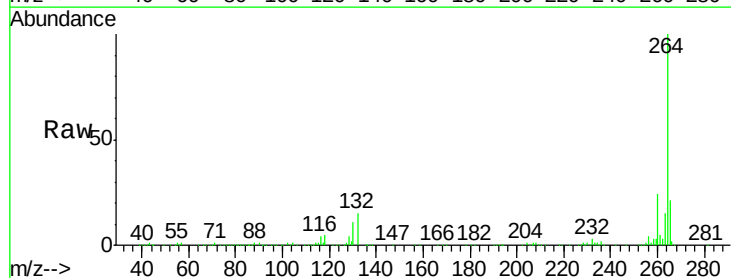
19.2

28.8

265 21.3

17.4

26.0



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

