

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099689.D
 Acq On : 20 Oct 2017 7:05
 Operator : SJ/JU
 Sample : I5927-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:55:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

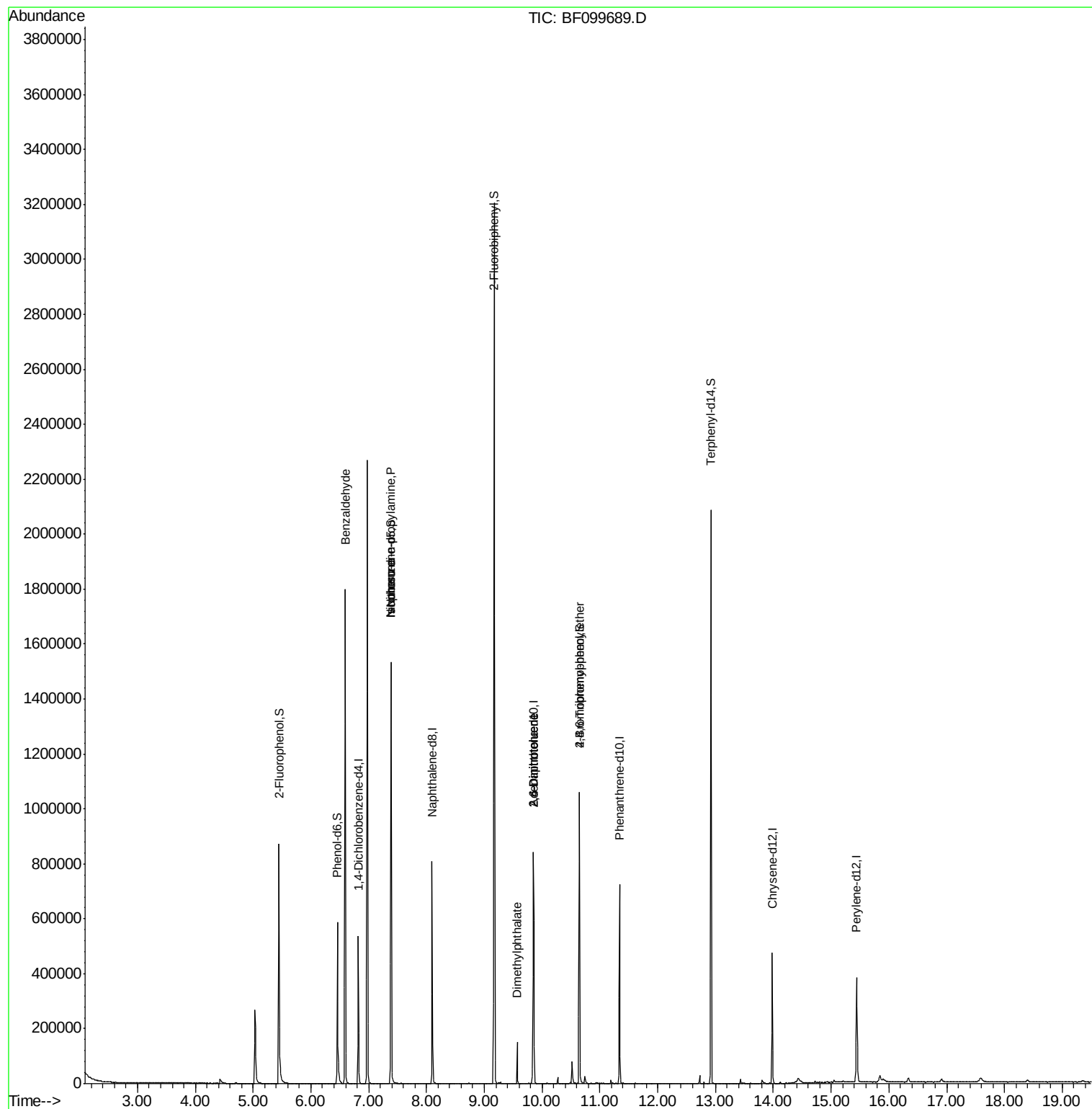
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91568	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	373550	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	162224	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	238399	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	158113	20.00	ng	-0.02
86) Perylene-d12	15.44	264	171227	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	292410	50.84	ng	0.00
7) Phenol-d6	6.46	99	225930	31.84	ng	-0.02
23) Nitrobenzene-d5	7.39	82	585352	100.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	123580	93.10	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1093396	112.52	ng	-0.01
78) Terphenyl-d14	12.92	244	687246	98.85	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	9389	2.281	ng	85
19) n-Nitroso-di-n-propylamine	7.39	70	72304	15.960	ng	# 74
25) Isophorone	7.39	82	585349	48.605	ng	# 64
49) Dimethylphthalate	9.57	163	63730	5.205	ng	99
50) 2,6-Dinitrotoluene	9.85	165	19791	7.425	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	19791	5.721	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	8260	3.540	ng	# 1

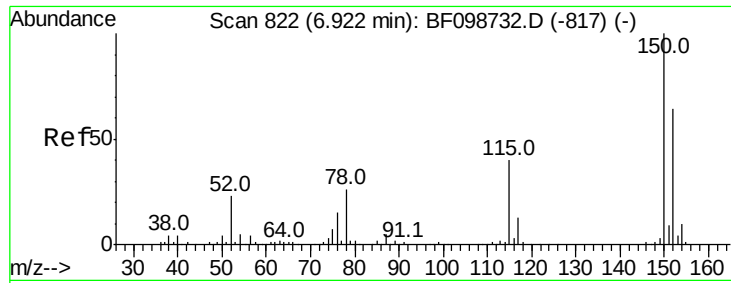
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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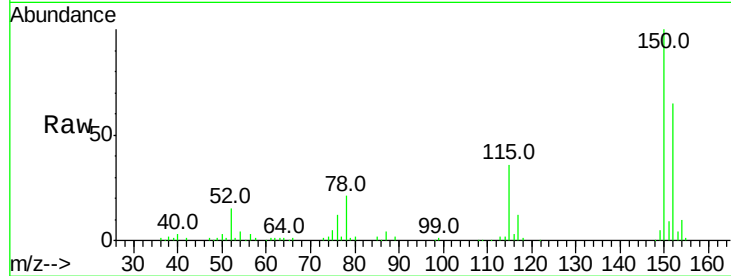


#1

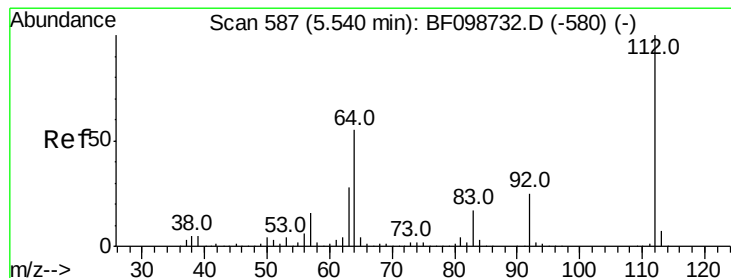
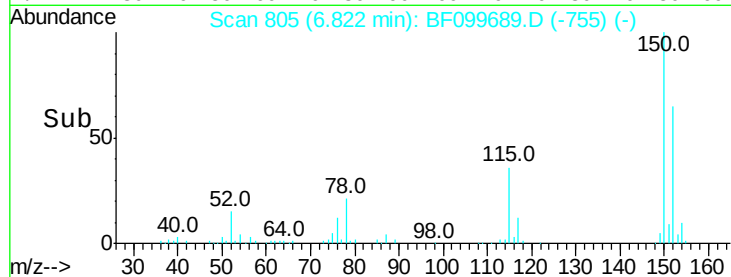
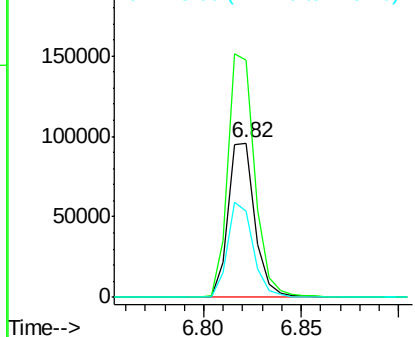
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91568
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 56.1 50.1 75.1



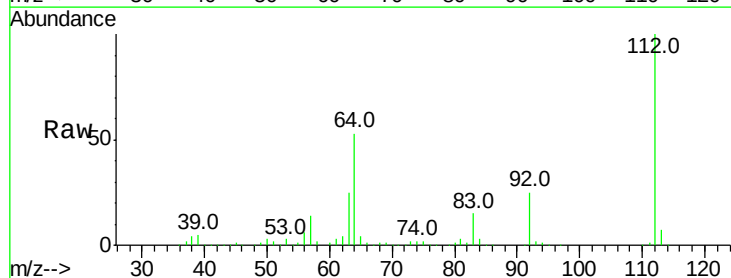
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



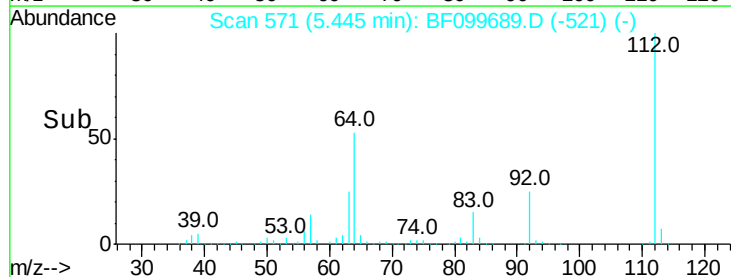
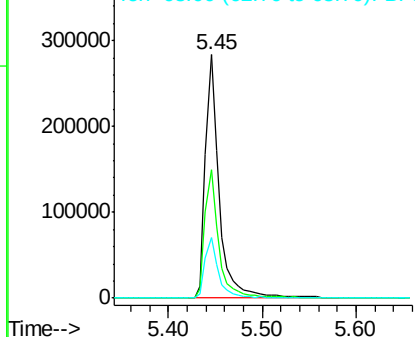
#5

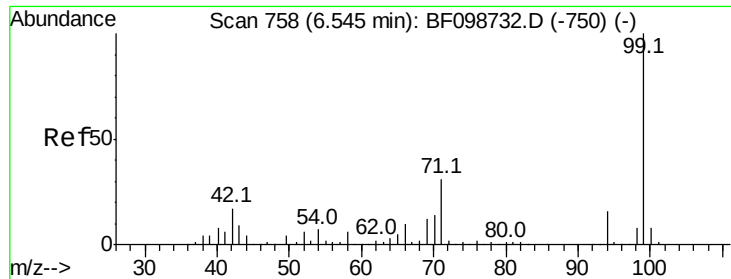
2-Fluorophenol
 Concen: 50.835 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Tgt Ion:112 Resp: 292410
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.1 23.7 35.5



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: 31.840 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Instrument :

BNA_F

ClientSampleId :

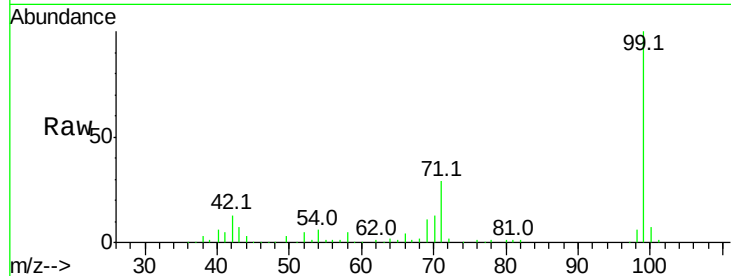
Tot Ion: 99 Resp: 225930

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

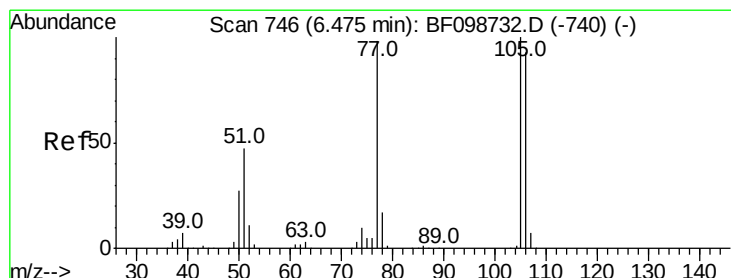
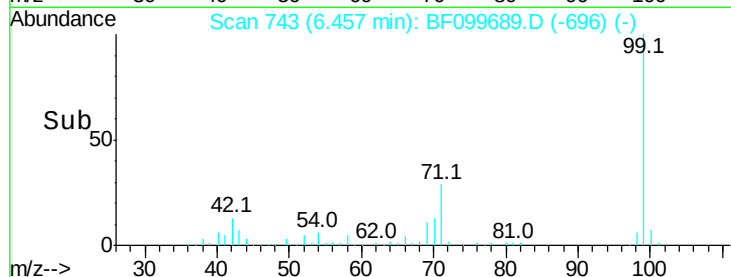
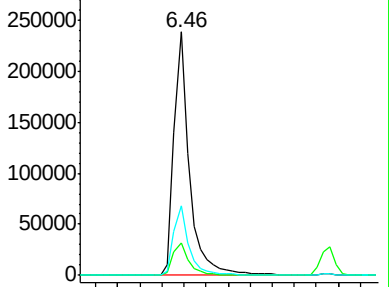
71 28.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.281 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.21 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

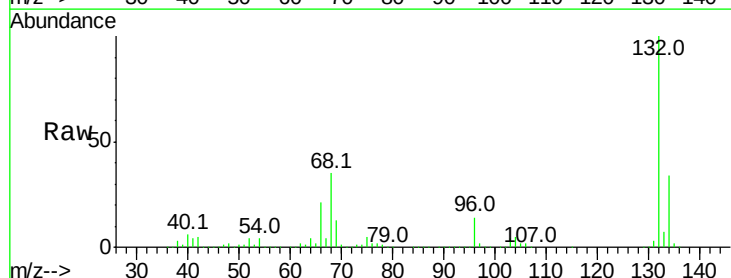
Tgt Ion: 77 Resp: 9389

Ion Ratio Lower Upper

77 100

105 81.3 81.1 121.1

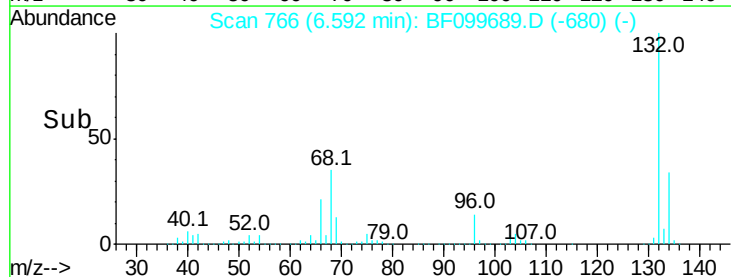
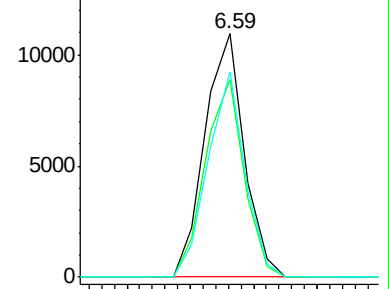
106 84.5 74.5 114.5

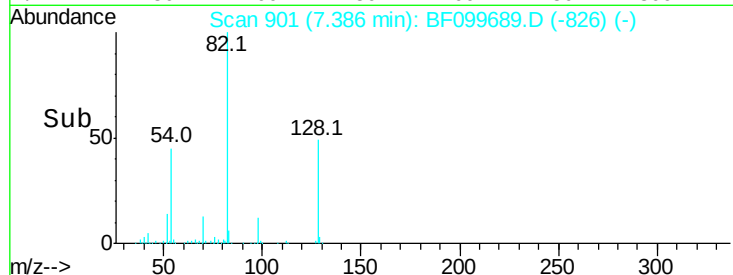
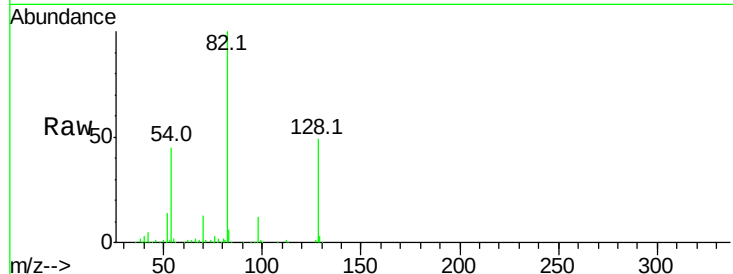
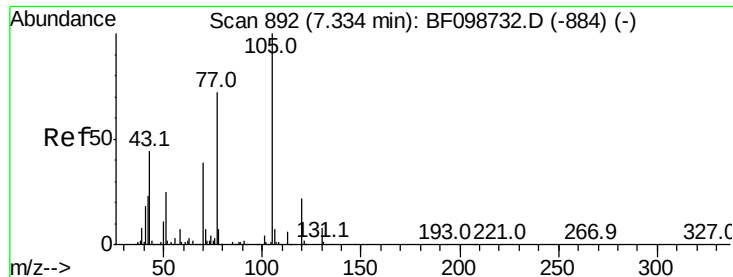


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

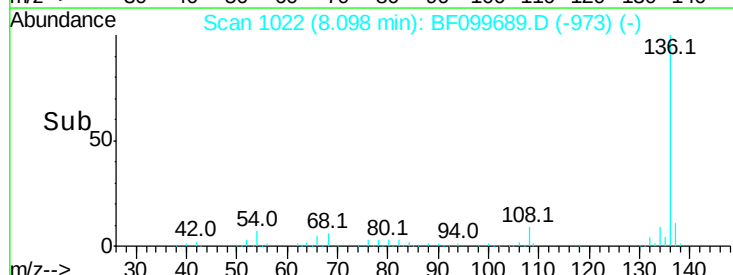
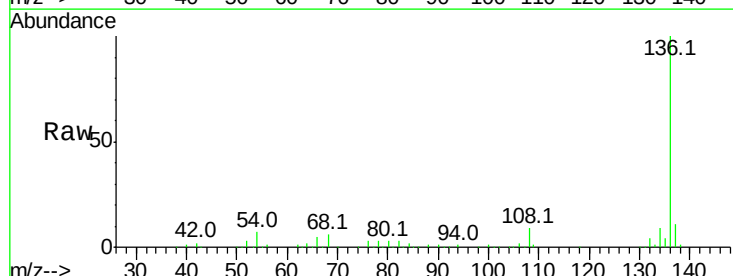
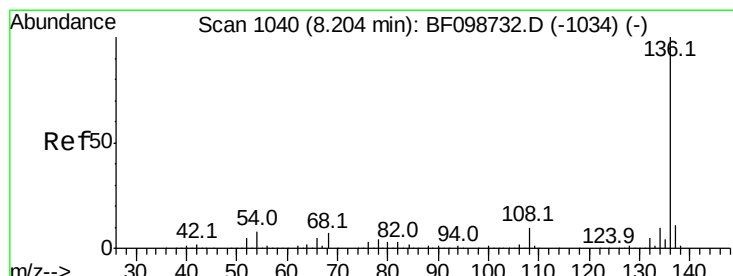
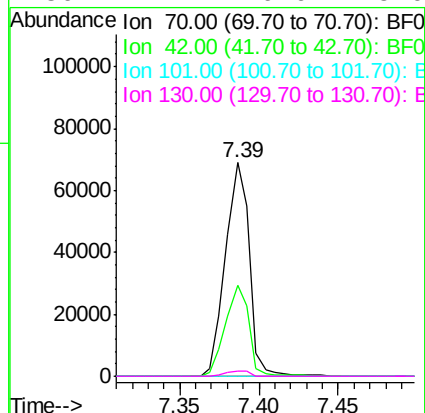




#19
n-Nitroso-di-n-propylamine
Concen: 15.960 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.14 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

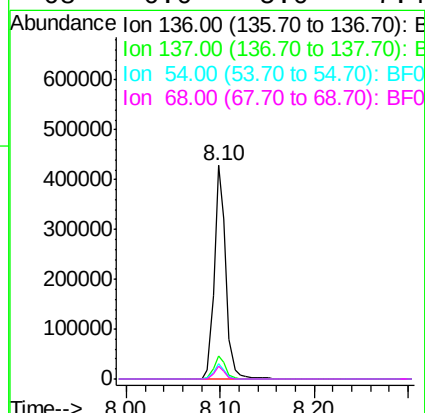
Instrument :
BNA_F
ClientSampleId :

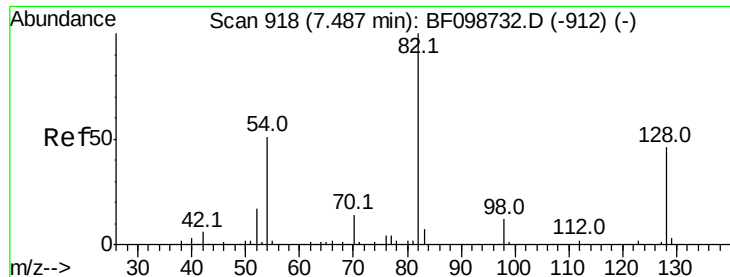
Tot Ion:	70	Resp:	72304
Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.5	71.3#
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099689.D
Acq: 20 Oct 2017 7:05

Tgt Ion:	136	Resp:	373550
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	6.6	9.8
68	6.0	5.0	7.4

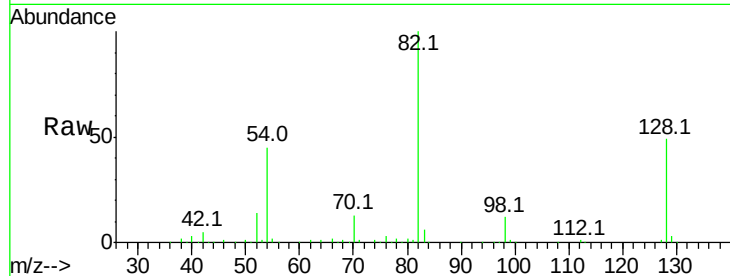




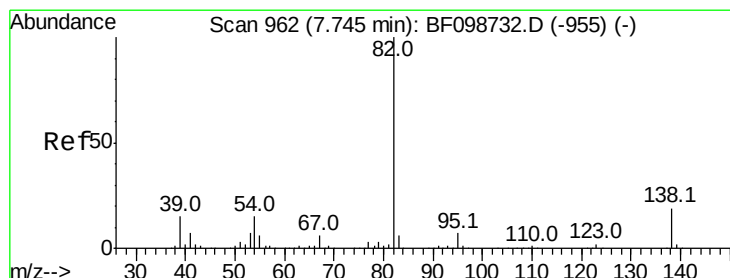
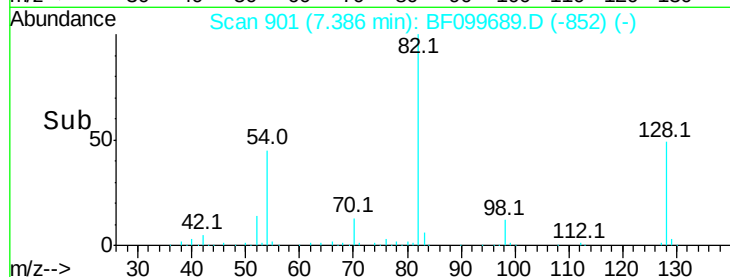
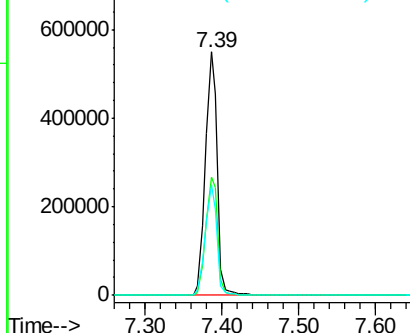
#23
 Nitrobenzene-d5
 Concen: 100.492 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	585352
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	45.3	41.4	62.2

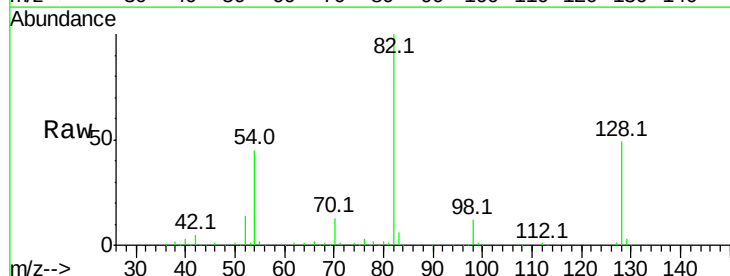


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

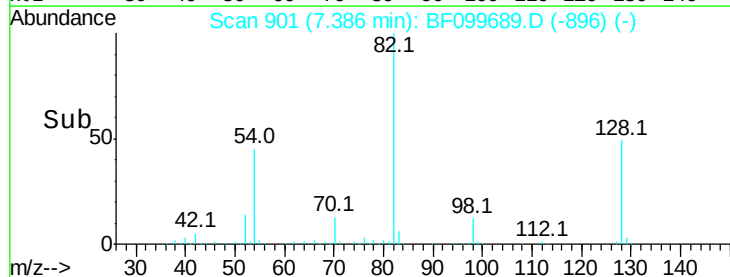
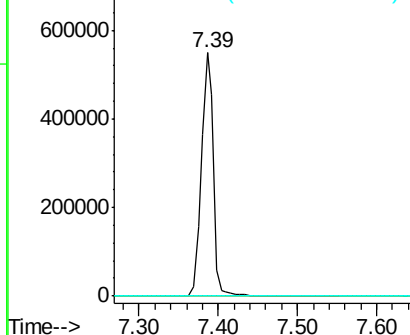


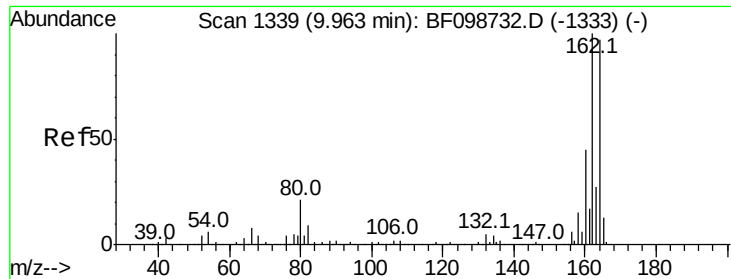
#25
 Isophorone
 Concen: 48.605 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.27 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Tgt Ion	82	Resp	585349
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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

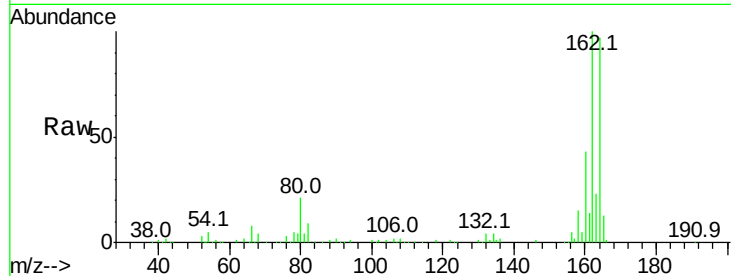




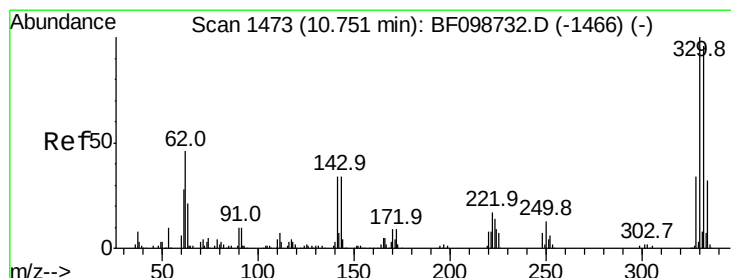
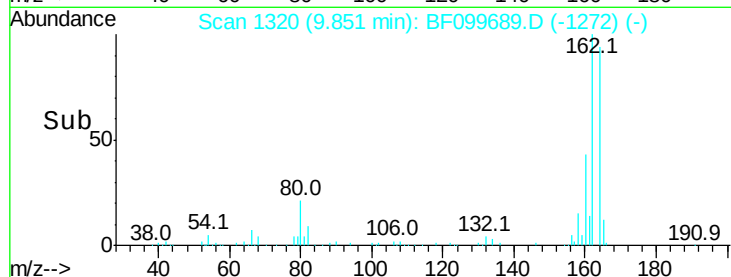
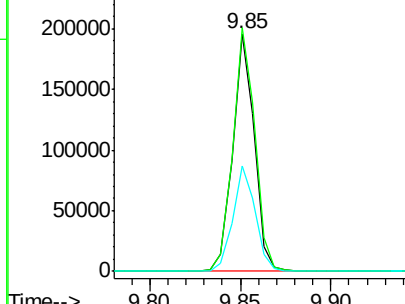
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162224
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.6 38.3 57.5

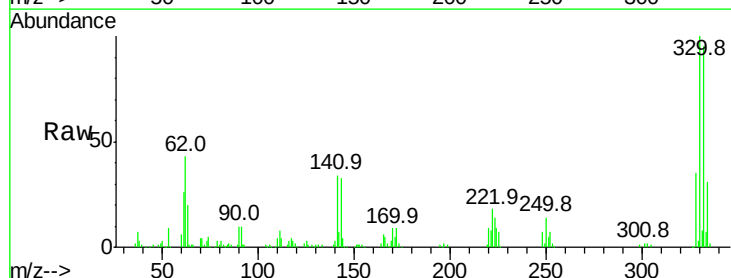


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

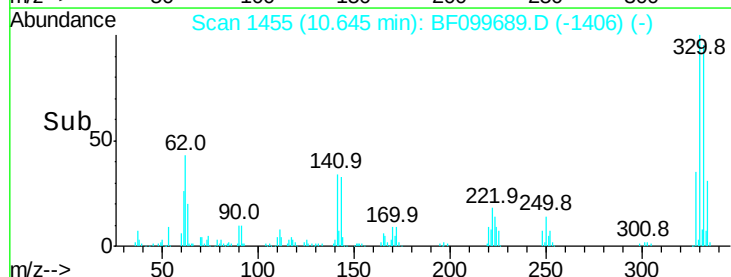
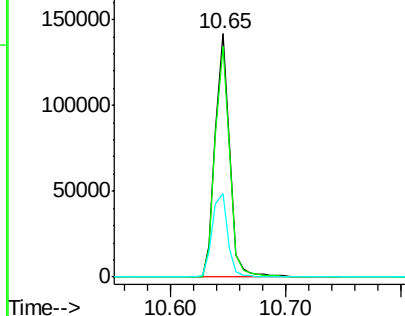


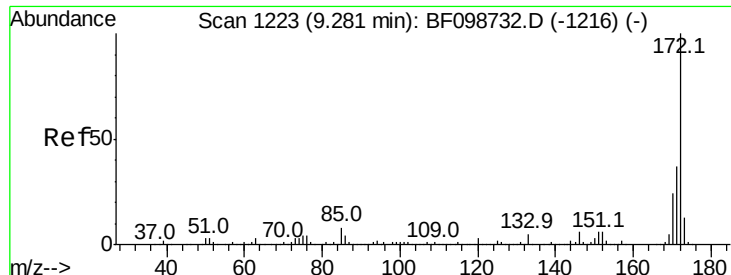
#41
 2,4,6-Tribromophenol
 Concen: 93.097 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Tgt Ion:330 Resp: 123580
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.5 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



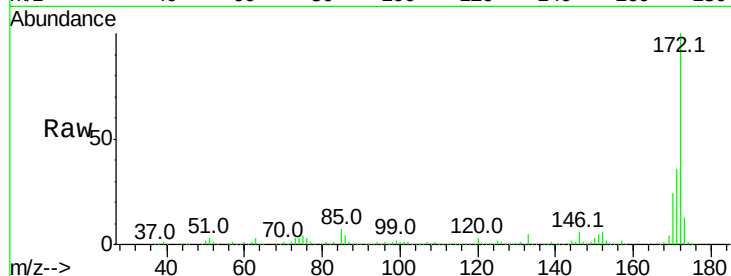


#44
 2-Fluorobiphenyl
 Concen: 112.519 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

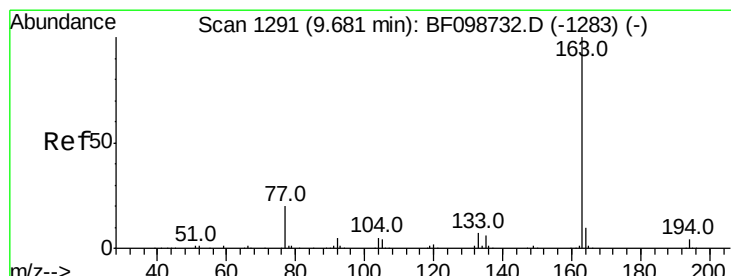
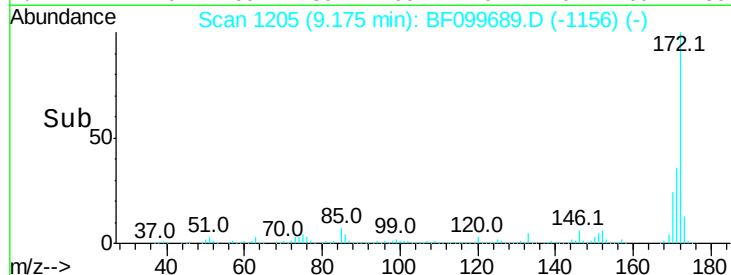
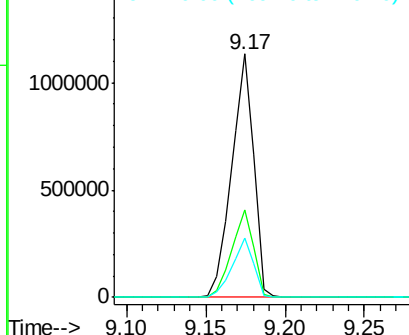
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1093396

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



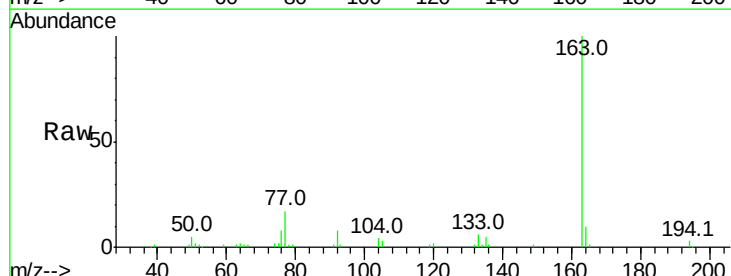
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



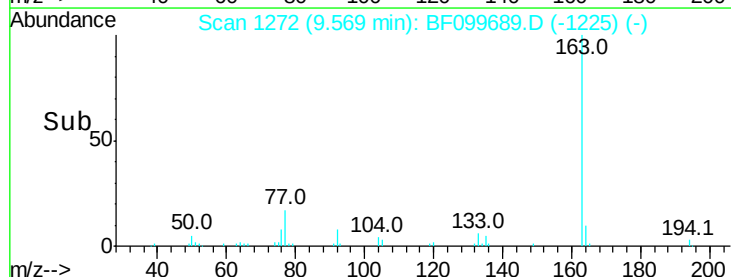
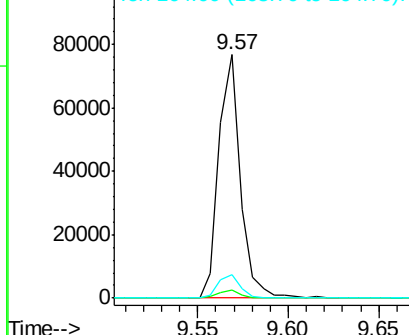
#49
 Dimethylphthalate
 Concen: 5.205 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.02 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

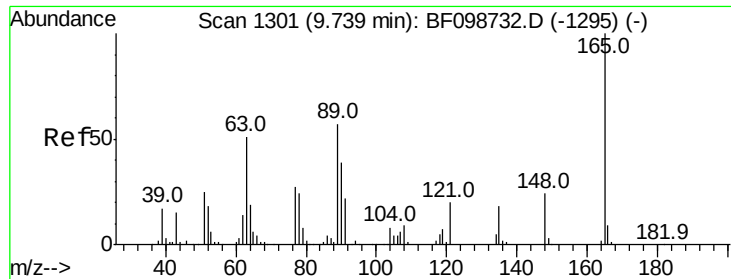
Tgt Ion:163 Resp: 63730

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	9.9	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

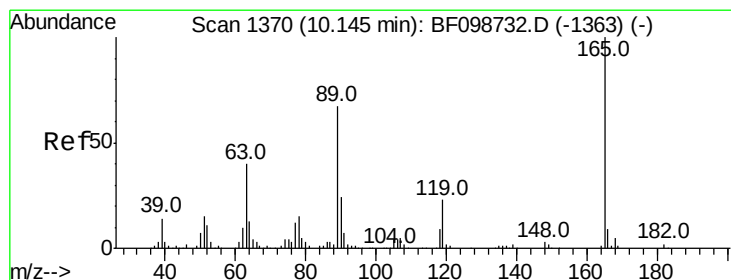
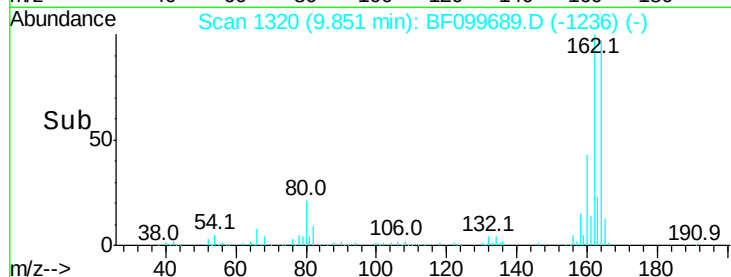
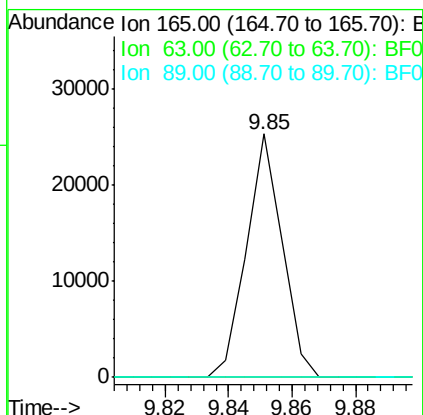
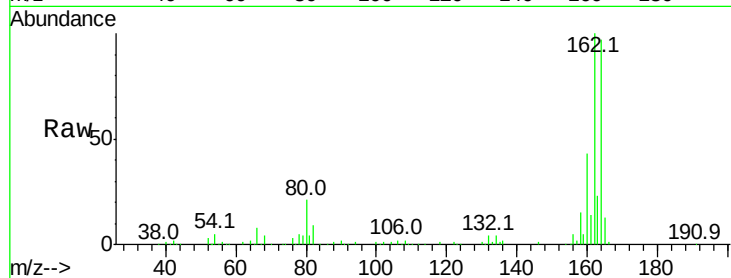




#50
 2,6-Dinitrotoluene
 Concen: 7.425 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.19 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

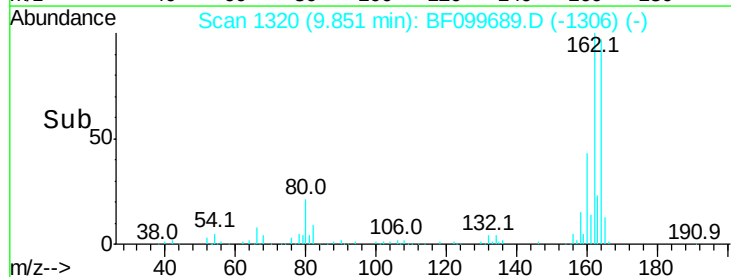
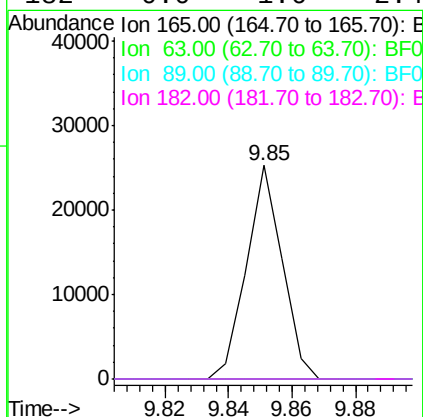
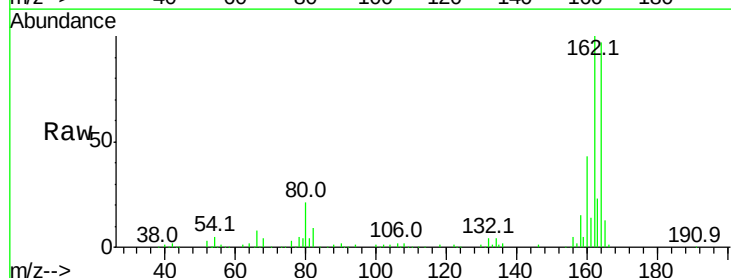
Instrument :
 BNA_F
 ClientSampleId :

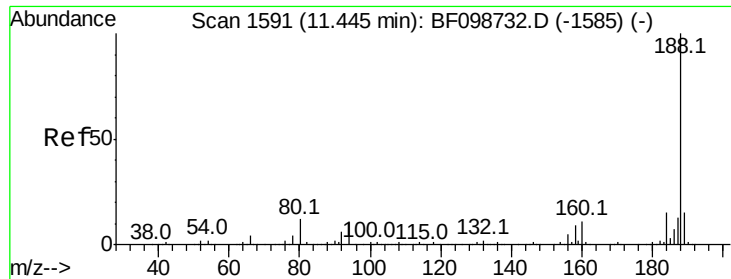
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.721 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Instrument :

BNA_F

ClientSampleId :

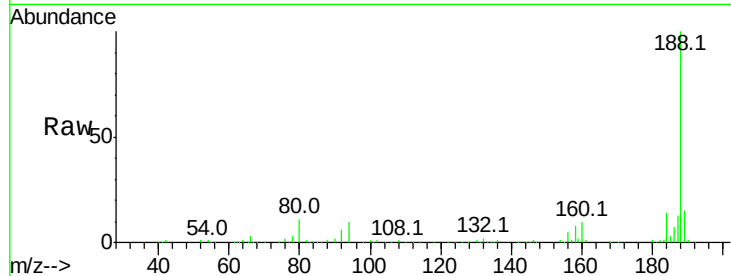
Tot Ion:188 Resp: 238399

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

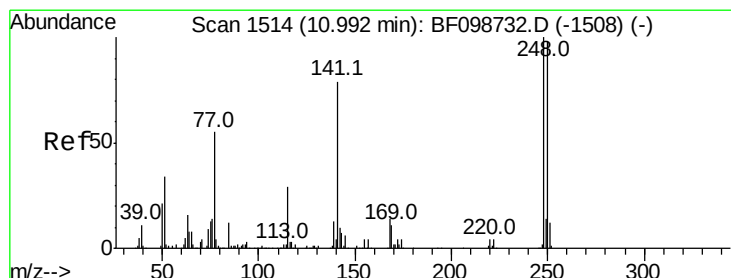
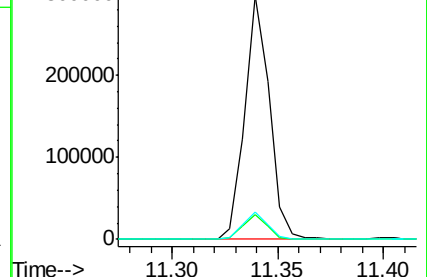
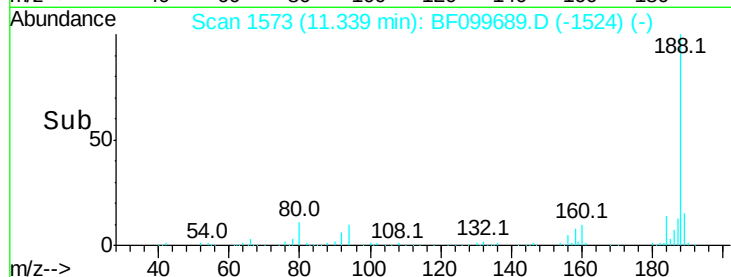
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 3.540 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.25 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

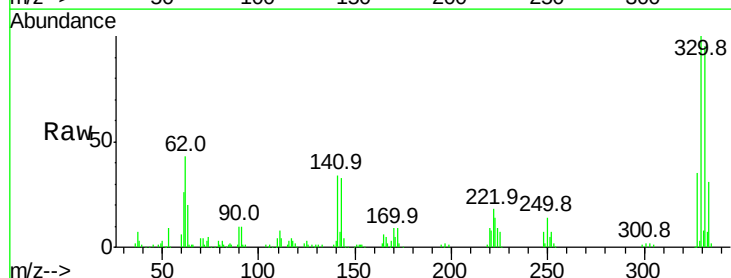
Tgt Ion:248 Resp: 8260

Ion Ratio Lower Upper

248 100

250 210.7 76.9 115.3#

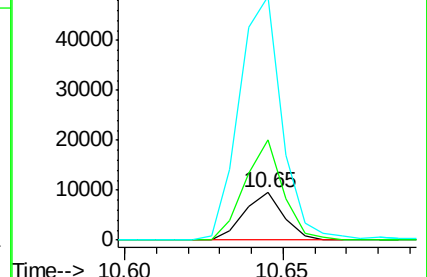
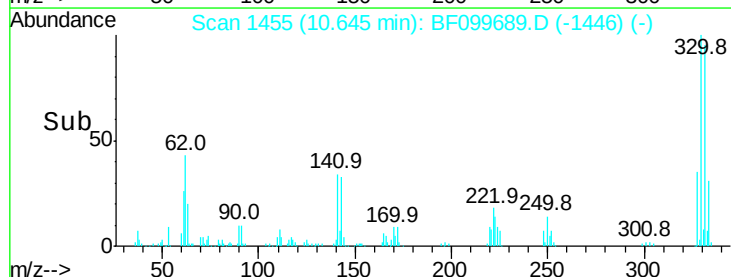
141 510.9 74.4 111.6#

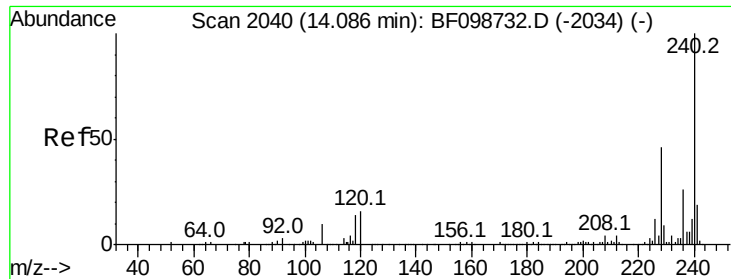


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

Instrument :

BNA_F

ClientSampleId :

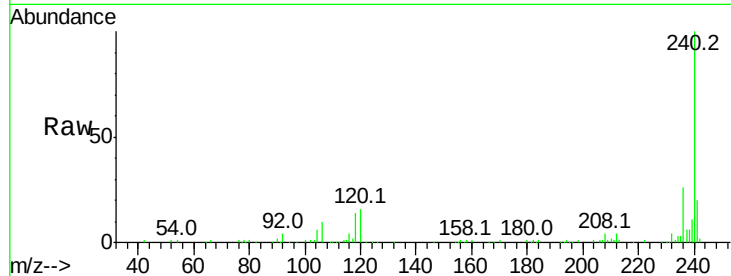
Tot Ion:240 Resp: 158113

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

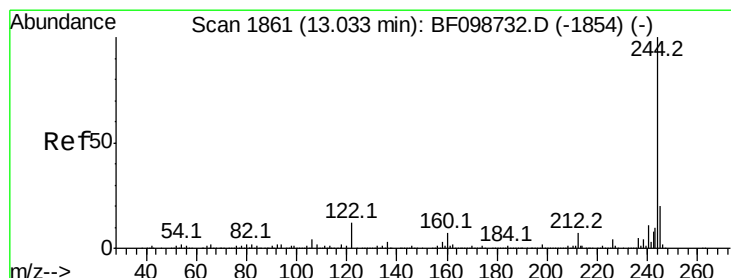
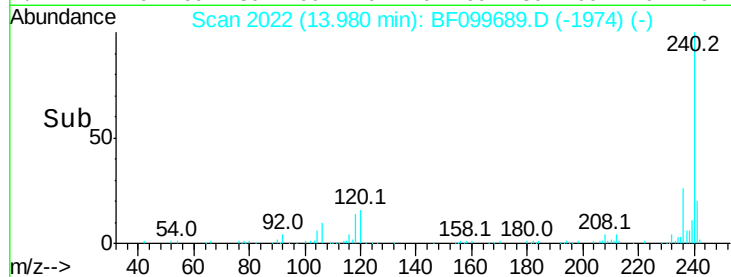
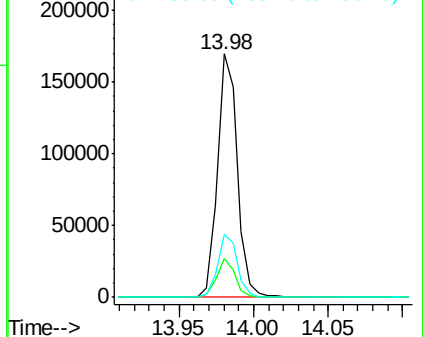
236 26.2 20.7 31.1



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: 98.849 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF099689.D

Acq: 20 Oct 2017 7:05

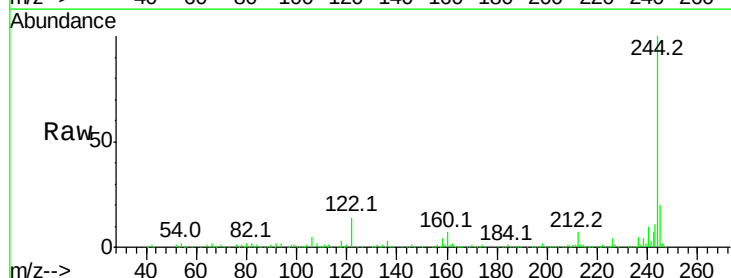
Tgt Ion:244 Resp: 687246

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

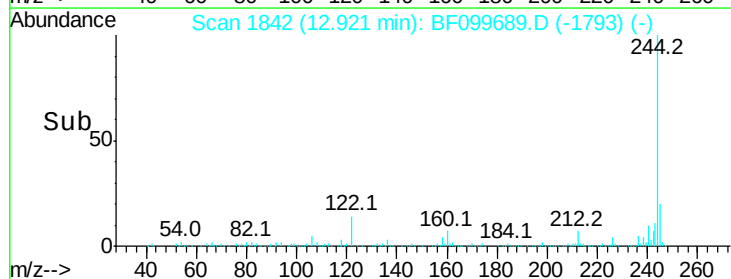
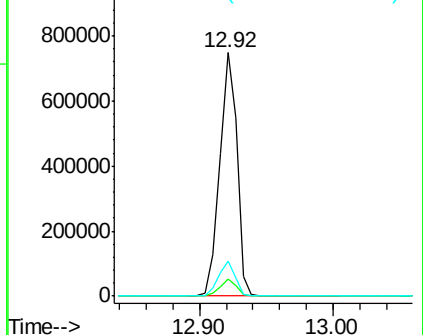
122 14.2 11.0 16.4

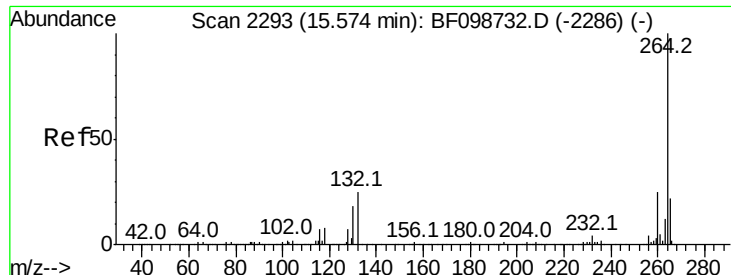


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

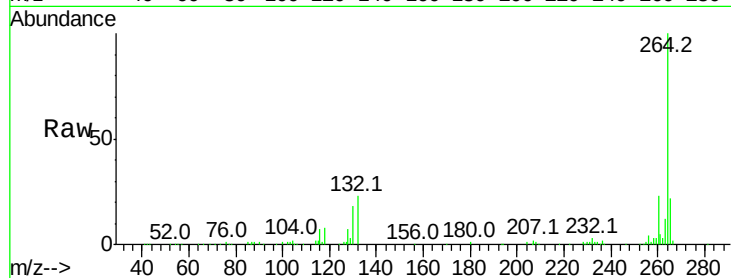




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF099689.D
 Acq: 20 Oct 2017 7:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

