

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099363.D
 Acq On : 11 Oct 2017 23:59
 Operator : SJ/JU
 Sample : I5710-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:53:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

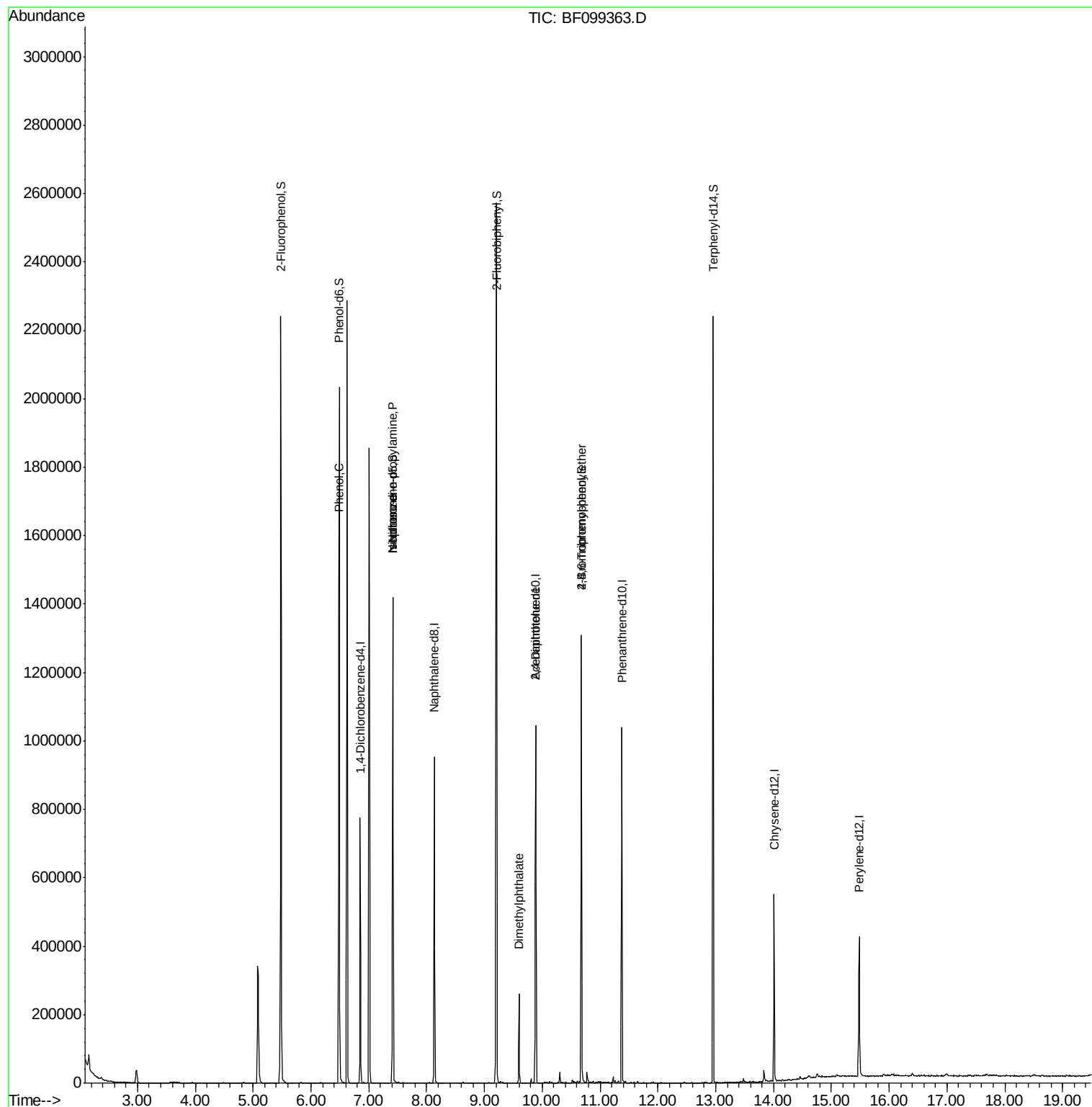
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107907	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	441234	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	197994	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	344783	20.00	ng	0.00
75) Chrysene-d12	14.01	240	178167	20.00	ng	0.00
86) Perylene-d12	15.48	264	169573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	668380	98.60	ng	0.01
7) Phenol-d6	6.49	99	793186	94.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	473411	68.81	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	162646	100.39	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	912365	76.93	ng	0.00
78) Terphenyl-d14	12.96	244	701434	89.53	ng	0.00
Target Compounds						
10) Phenol	6.50	94	22308	2.39	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.42	70	60838	11.40	ng	# 72
25) Isophorone	7.42	82	473401	33.28	ng	# 64
49) Dimethylphthalate	9.60	163	101375	6.78	ng	99
56) 2,4-Dinitrotoluene	9.89	165	25333	6.00	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	10978	3.25	ng	# 1

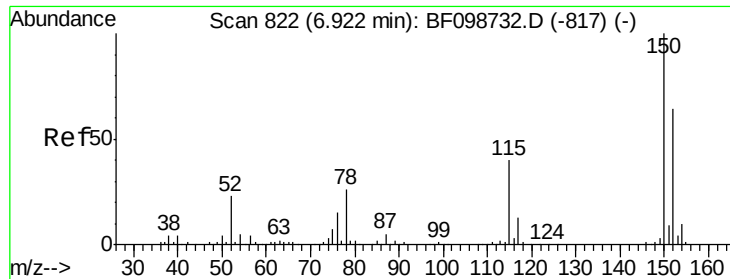
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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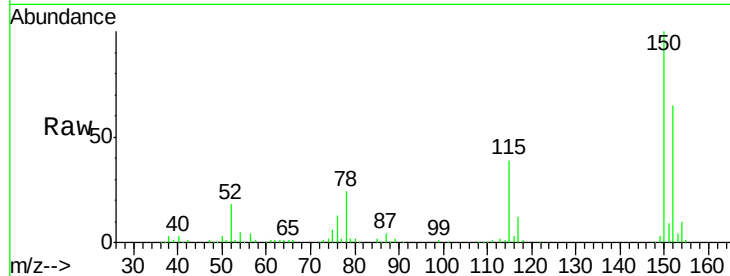


#1

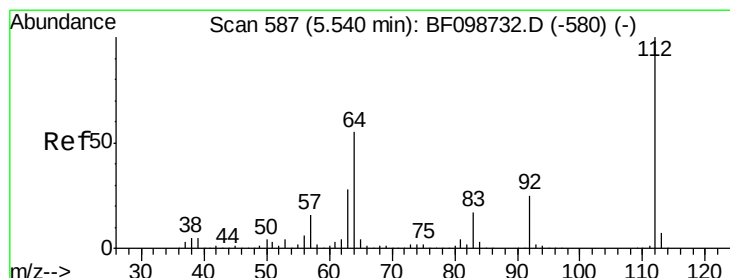
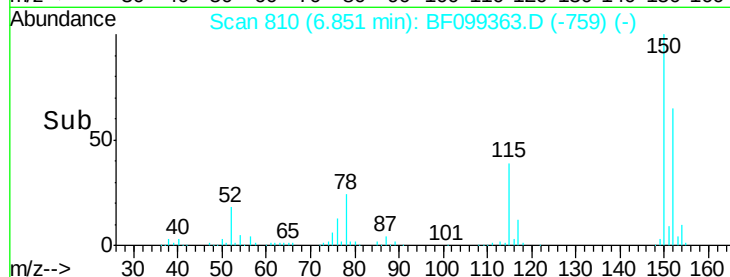
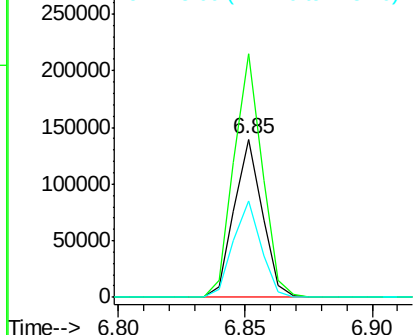
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	60.5	50.1	75.1



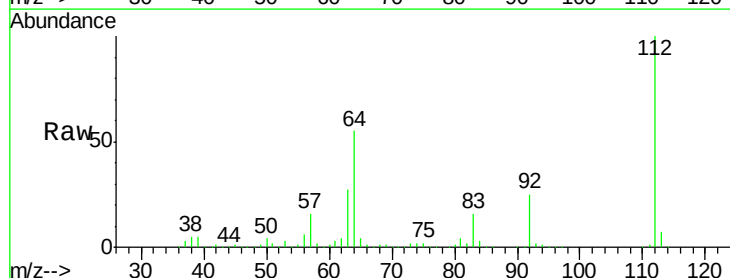
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



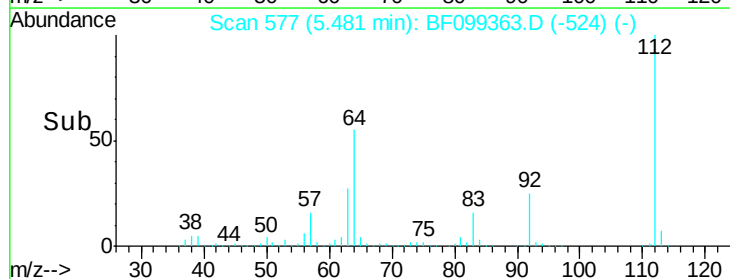
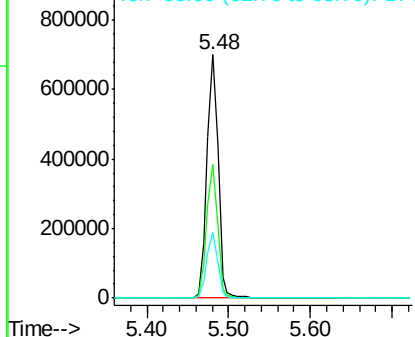
#5

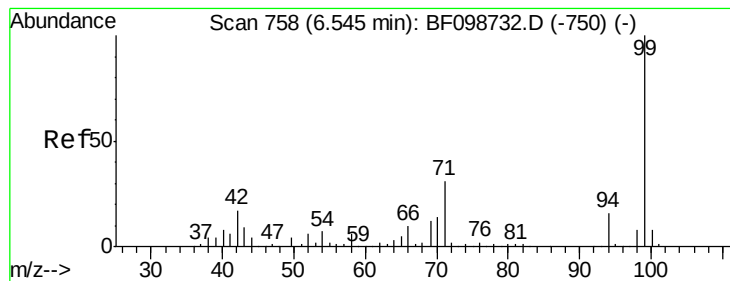
2-Fluorophenol
Concen: 98.60 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.2	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: 94.86 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

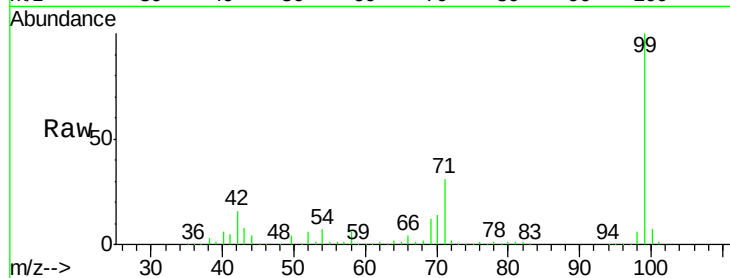
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 793186

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	31.0	25.4	38.0

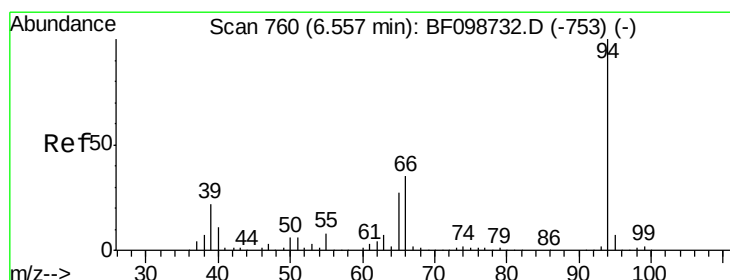
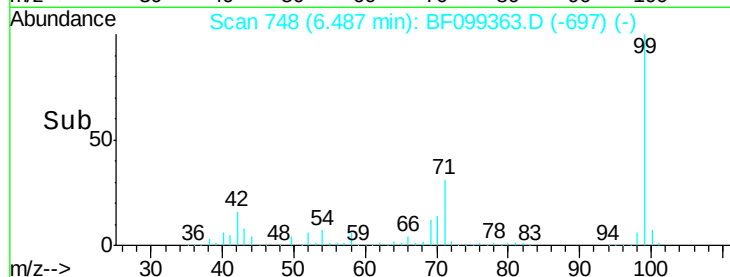
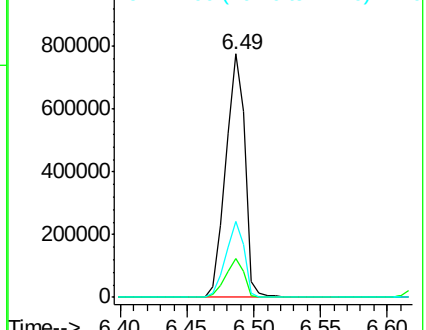


Abundance

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



#10

Phenol

Concen: 2.39 ng

RT: 6.50 min Scan# 750

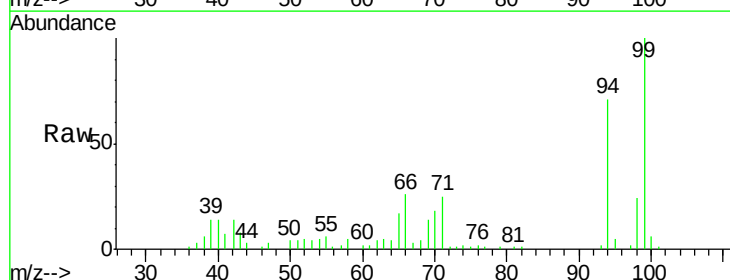
Delta R.T. 0.00 min

Lab File: BF099363.D

Acq: 11 Oct 2017 23:59

Tgt Ion: 94 Resp: 22308

Ion	Ratio	Lower	Upper
94	100		
65	24.1	7.9	47.9
66	36.3	16.2	56.2

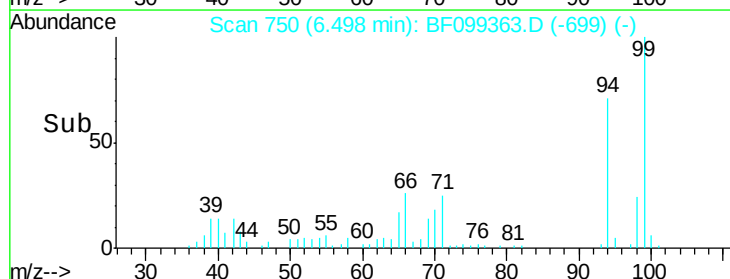
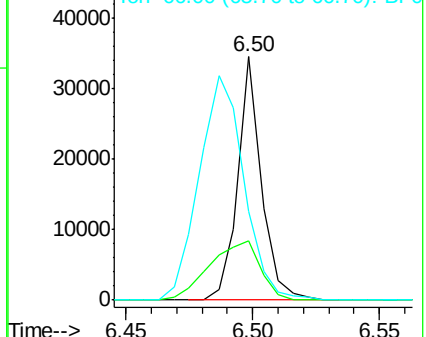


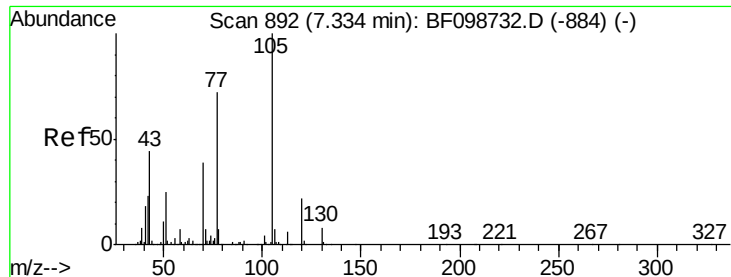
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

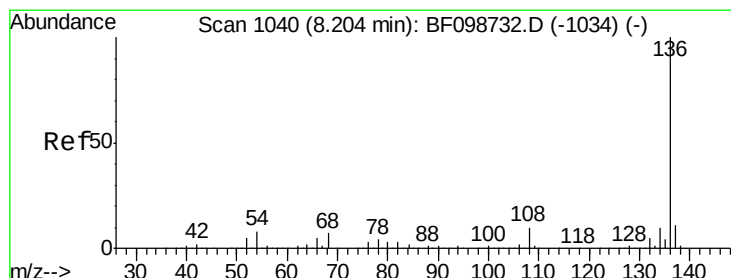
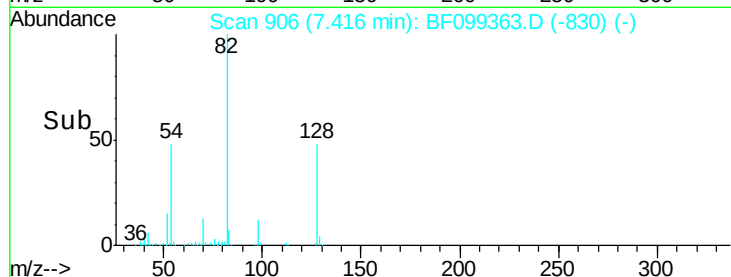
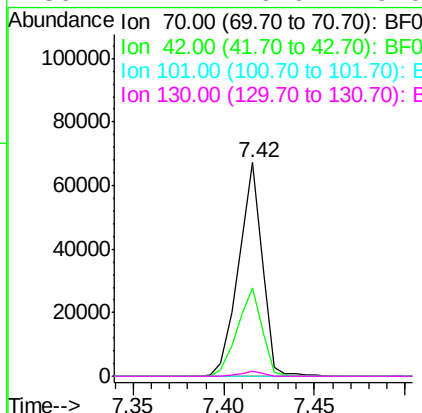
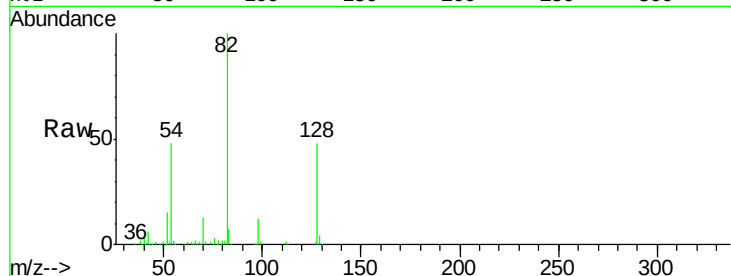




#19
n-Nitroso-di-n-propylamine
Concen: 11.40 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

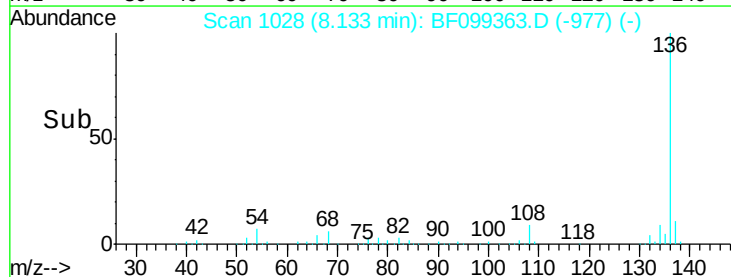
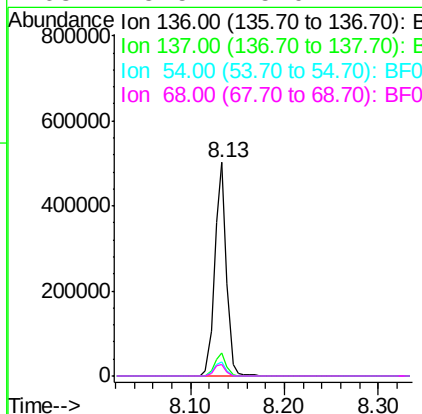
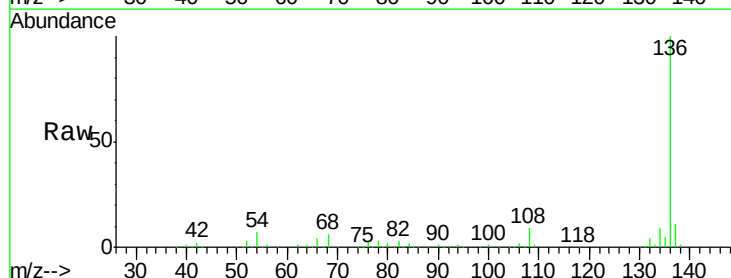
Instrument :
BNA_F
ClientSampleId :

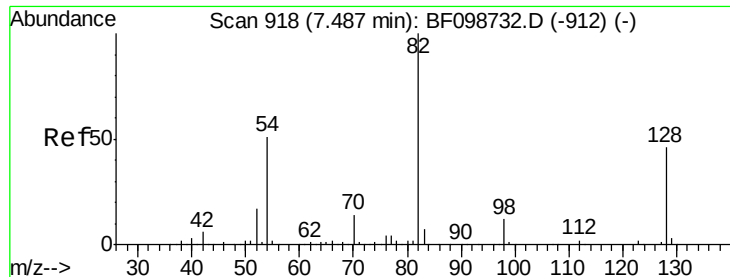
Tot Ion: 70 Resp: 60838
Ion Ratio Lower Upper
70 100
42 41.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099363.D
Acq: 11 Oct 2017 23:59

Tgt Ion: 136 Resp: 441234
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 6.6 9.8
68 5.5 5.0 7.4

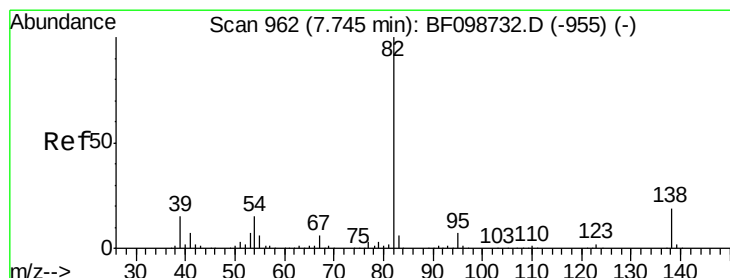
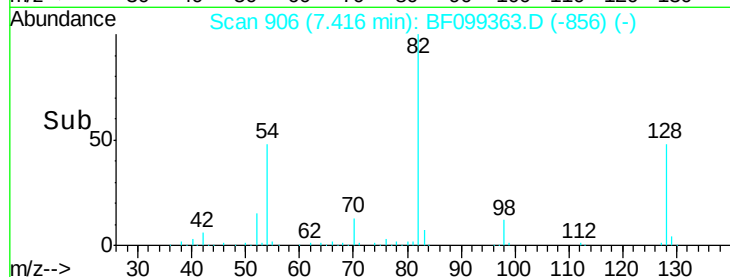
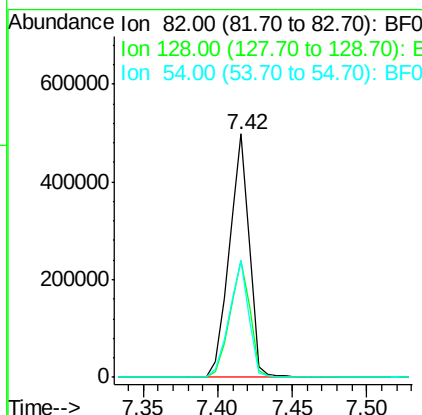
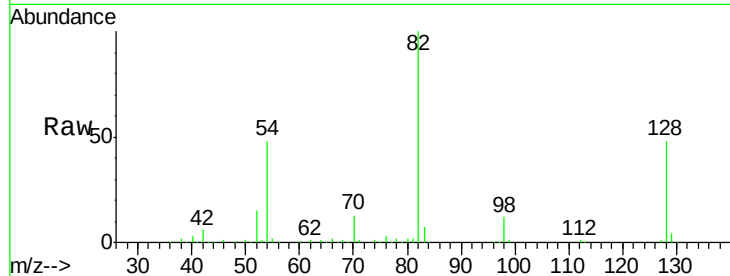




#23
 Nitrobenzene-d5
 Concen: 68.81 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

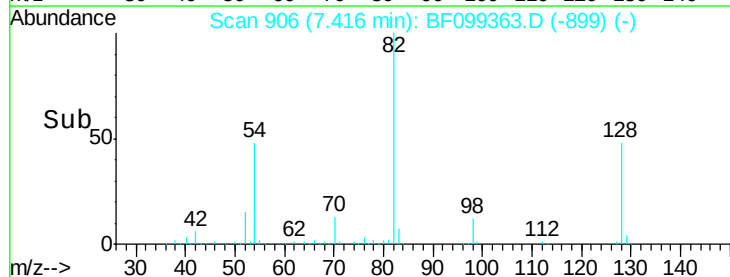
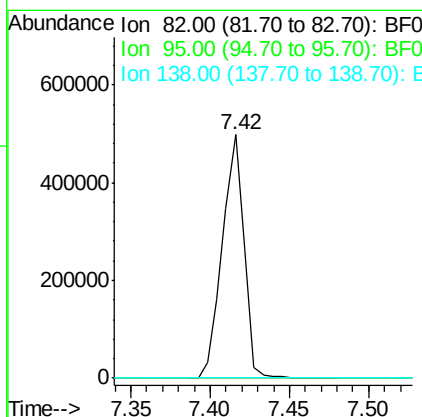
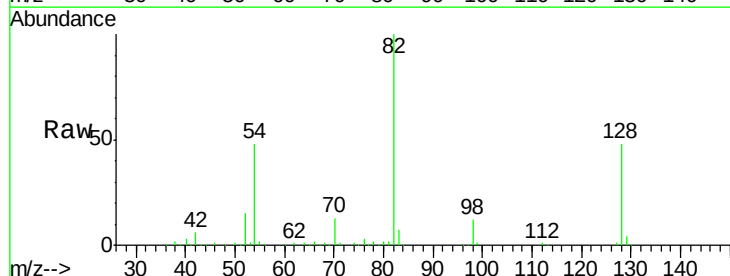
Instrument :
 BNA_F
 ClientSampleId :

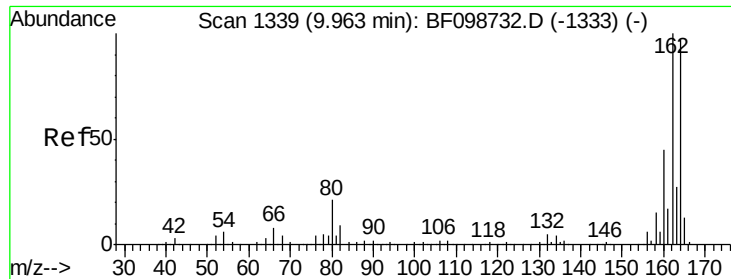
Tot Ion: 82 Resp: 473411
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 47.8 41.4 62.2



#25
 Isophorone
 Concen: 33.28 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion: 82 Resp: 473401
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

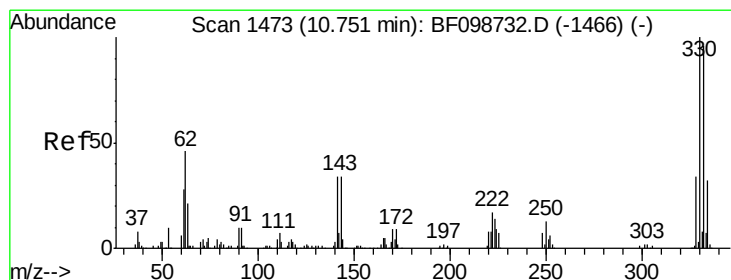
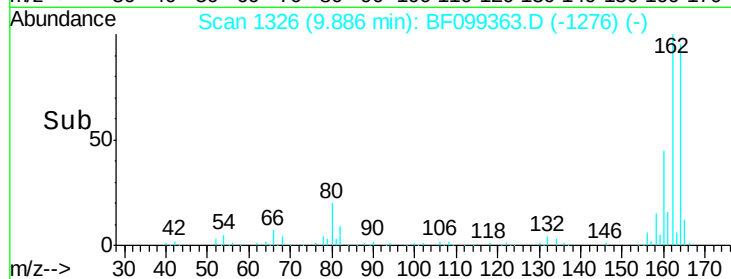
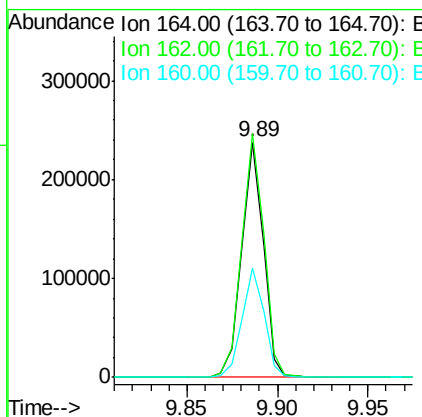
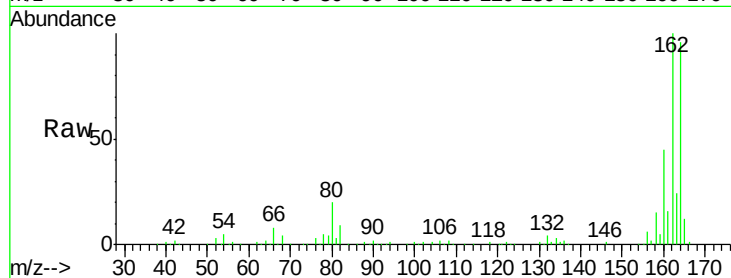




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

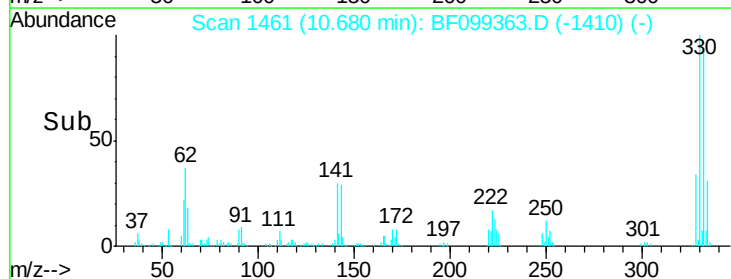
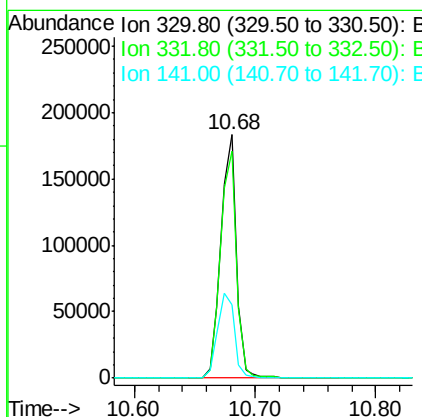
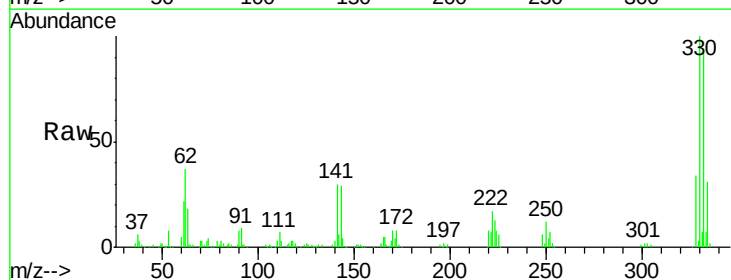
Instrument :
 BNA_F
 ClientSampleId :

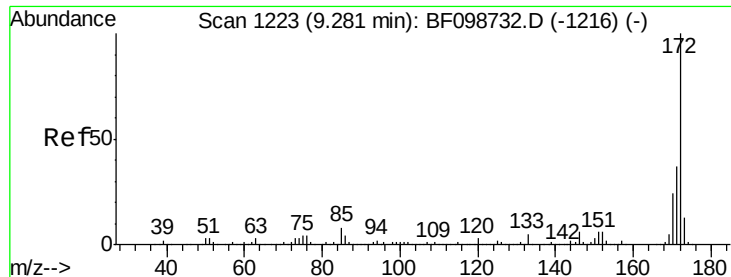
Tot Ion:164 Resp: 197994
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.39 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion:330 Resp: 162646
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.0 29.9 44.9

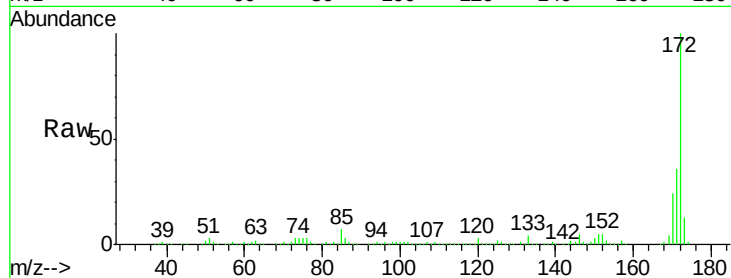




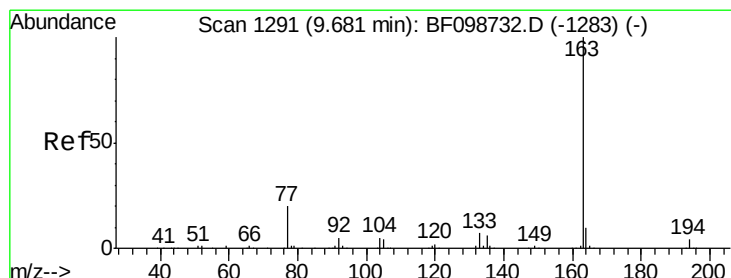
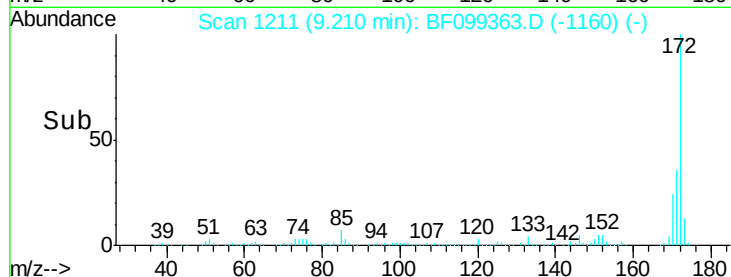
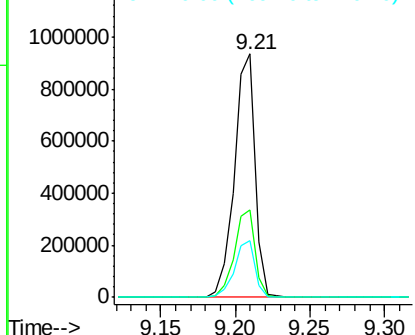
#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 912365
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.5 19.6 29.4

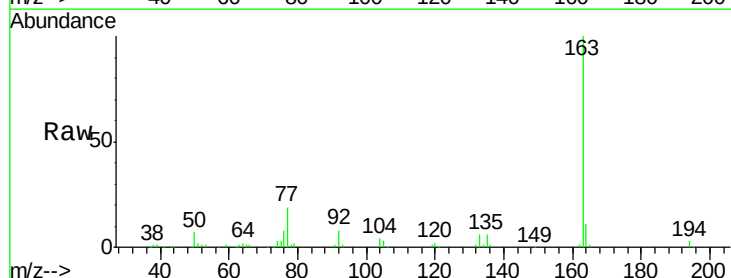


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

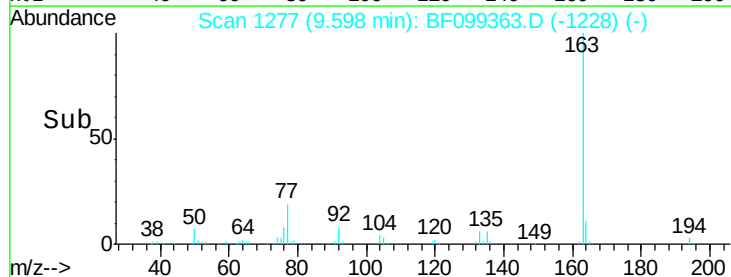
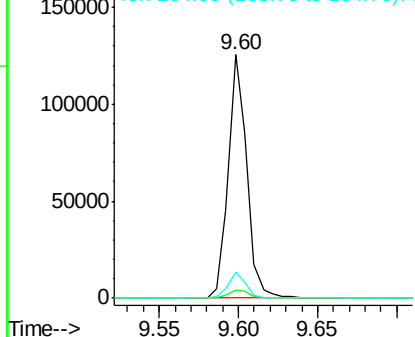


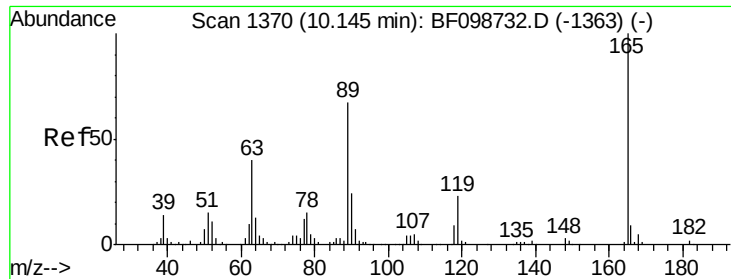
#49
 Dimethylphthalate
 Concen: 6.78 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion:163 Resp: 101375
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.6 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

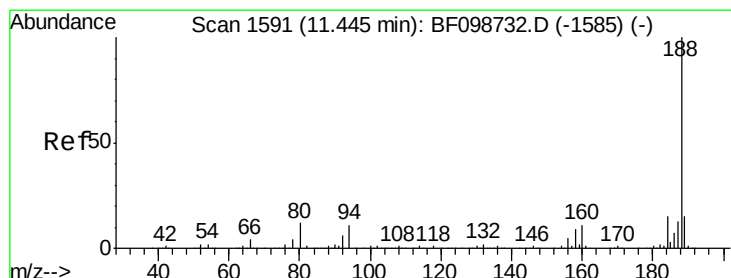
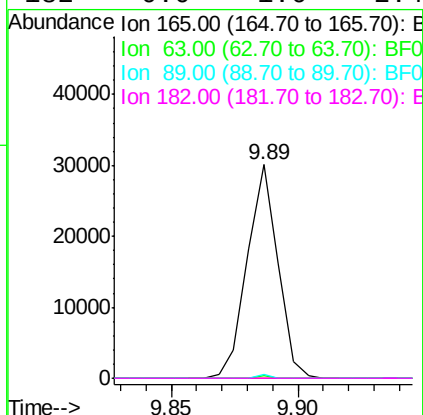
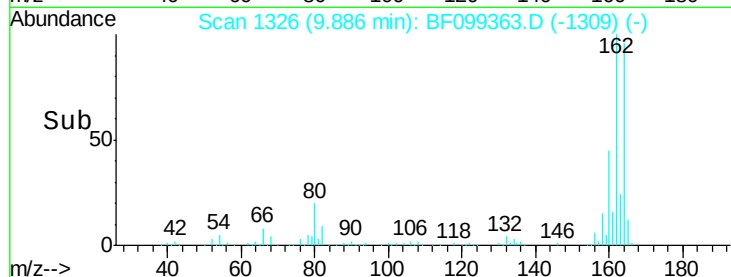
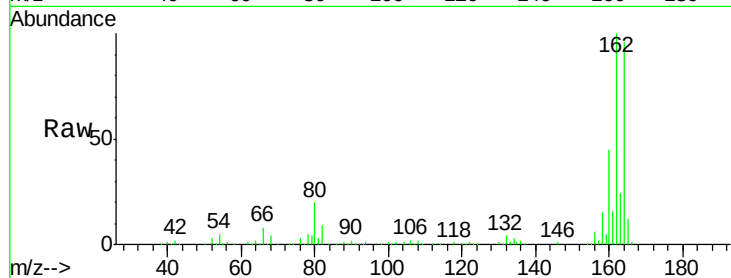




#56
 2,4-Dinitrotoluene
 Concen: 6.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

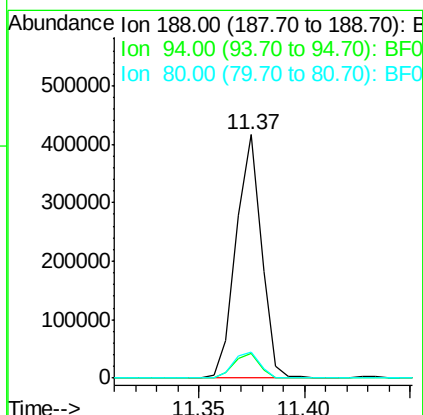
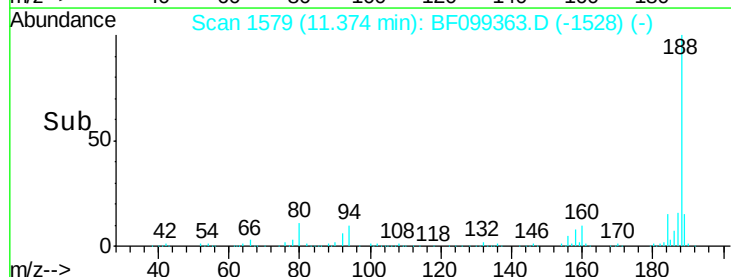
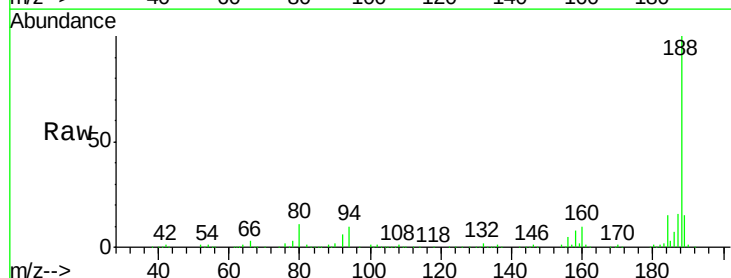
Instrument :
 BNA_F
 ClientSampleId :

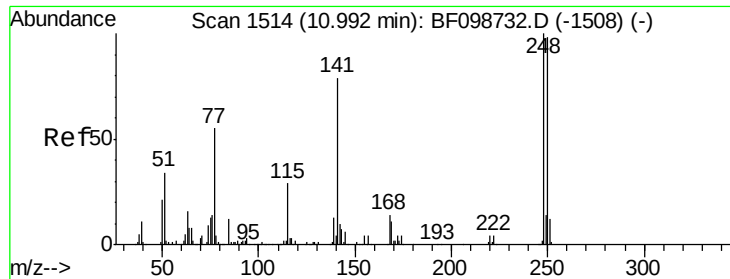
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8

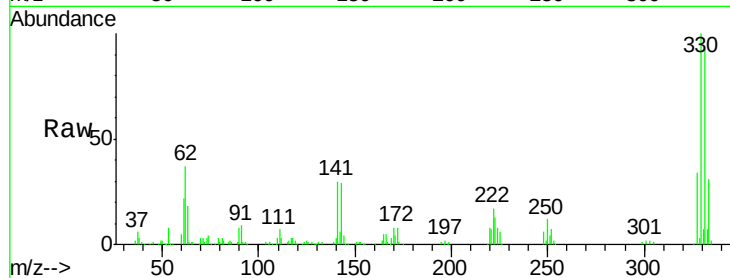




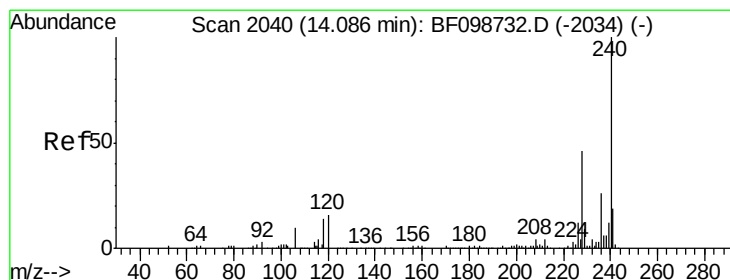
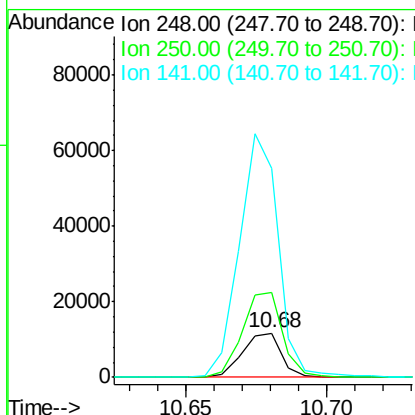
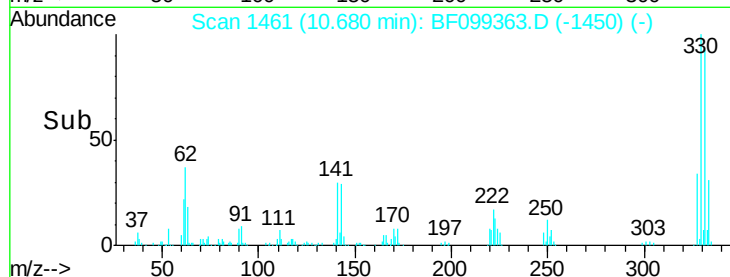
#66
 4-Bromophenyl-phenylether
 Concen: 3.25 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10978
 Ion Ratio Lower Upper
 248 100
 250 191.0 76.9 115.3#
 141 473.3 74.4 111.6#

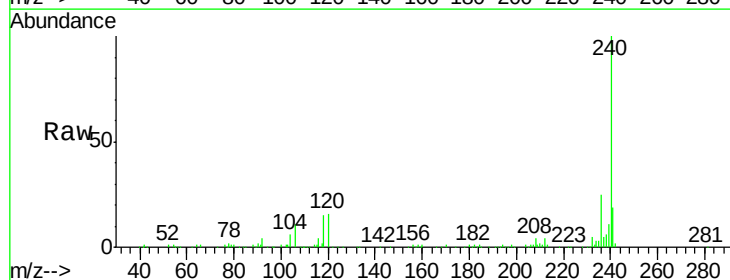


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

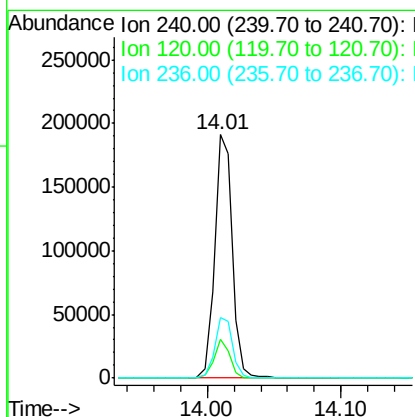
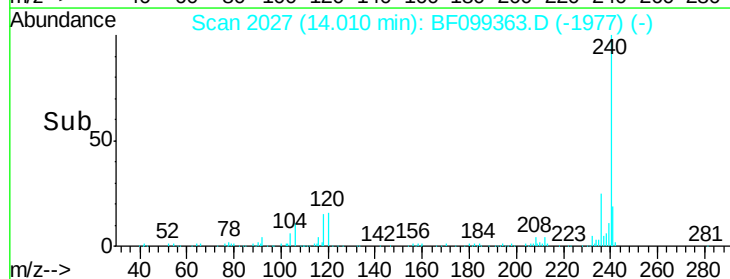


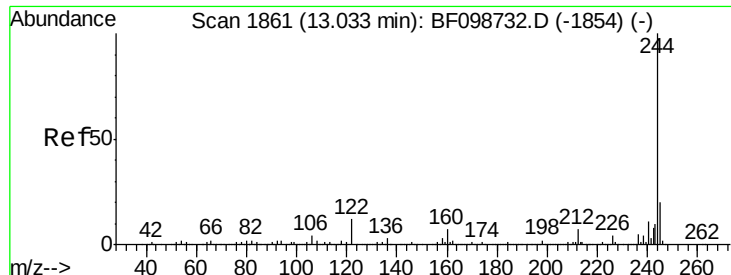
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion:240 Resp: 178167
 Ion Ratio Lower Upper
 240 100
 120 15.9 9.5 14.3#
 236 25.1 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

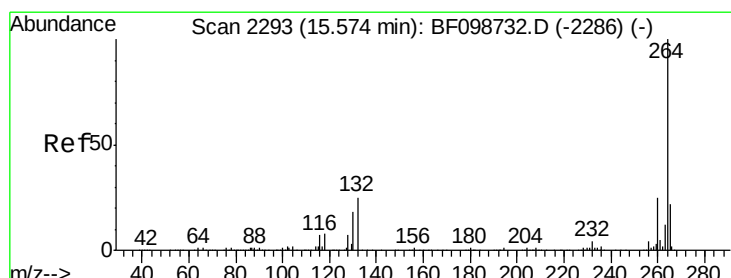
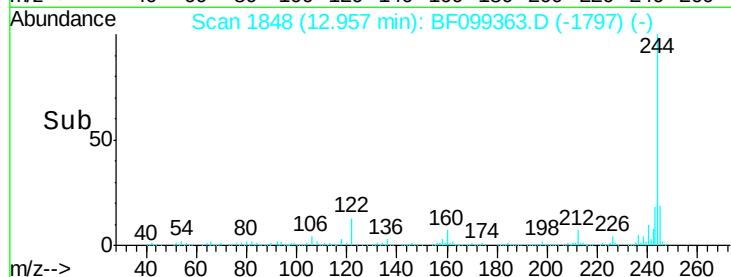
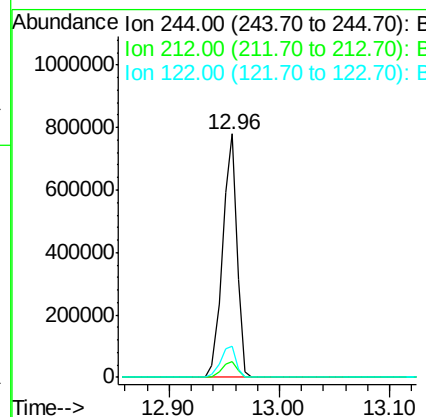
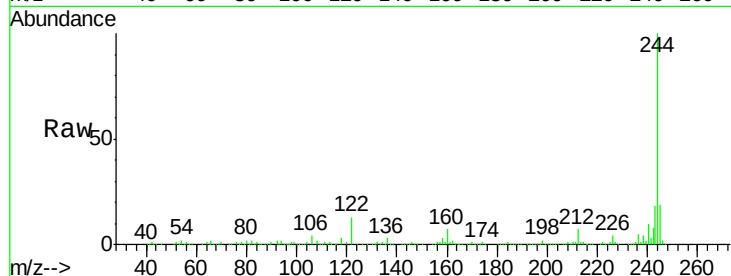




#78
 Terphenyl-d14
 Concen: 89.53 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 701434
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099363.D
 Acq: 11 Oct 2017 23:59

Tgt Ion:264 Resp: 169573
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.0 17.5 26.3

