

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099540.D
 Acq On : 16 Oct 2017 13:17
 Operator : SJ/JU
 Sample : I5776-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:24:27 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

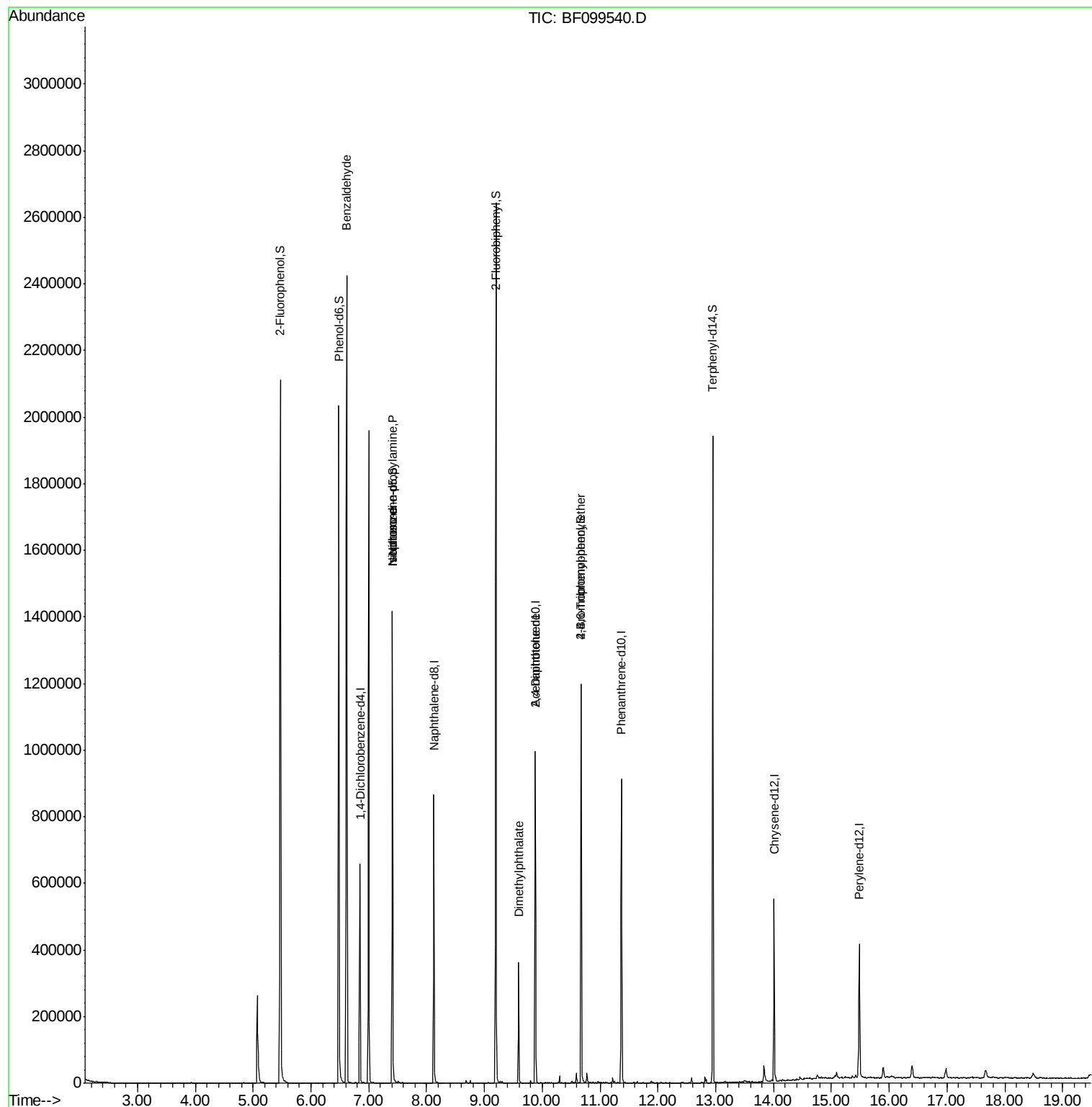
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101584	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	417644	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	181332	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	300276	20.00	ng	0.00
75) Chrysene-d12	14.01	240	178418	20.00	ng	0.00
86) Perylene-d12	15.49	264	181115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	656350	102.86	ng	0.00
7) Phenol-d6	6.48	99	790541	100.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	469728	72.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	149293	100.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	844093	77.71	ng	-0.01
78) Terphenyl-d14	12.95	244	596636	76.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	12305	2.69	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	58727	11.68	ng	# 75
25) Isophorone	7.41	82	469725	34.89	ng	# 64
49) Dimethylphthalate	9.59	163	138009	10.08	ng	100
56) 2,4-Dinitrotoluene	9.88	165	22943	5.93	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	10111	3.44	ng	# 1

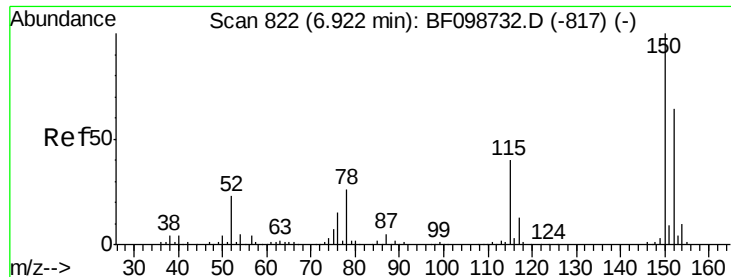
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099540.D
Acq On : 16 Oct 2017 13:17
Operator : SJ/JU
Sample : I5776-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 23:24:27 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



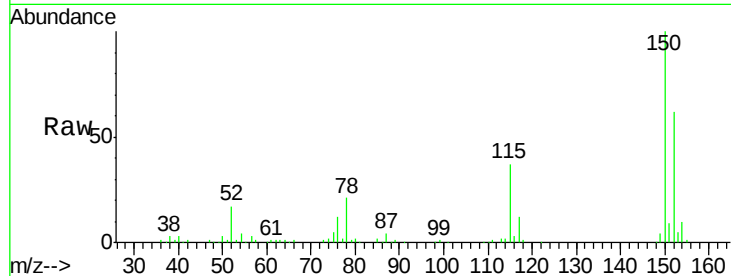


#1

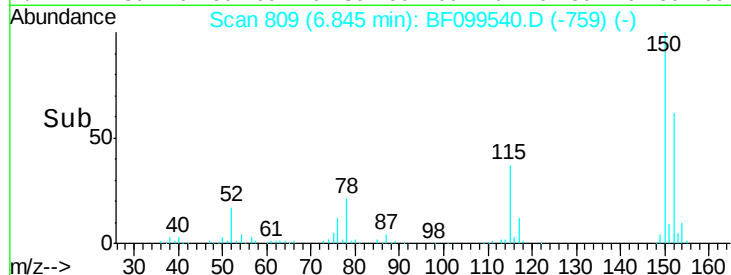
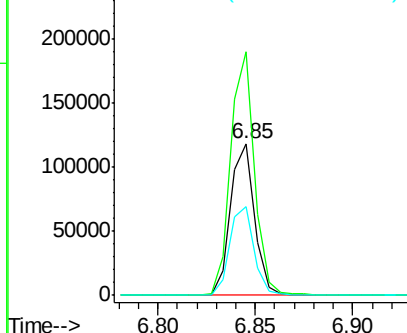
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 101584
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 58.6 50.1 75.1



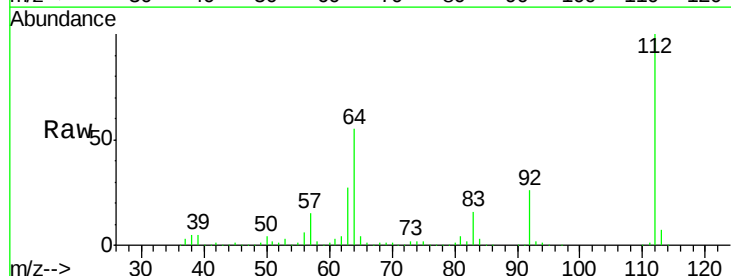
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



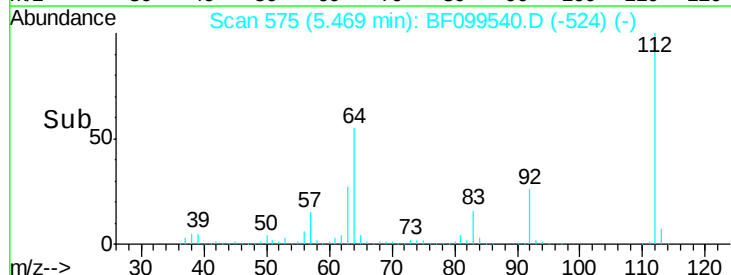
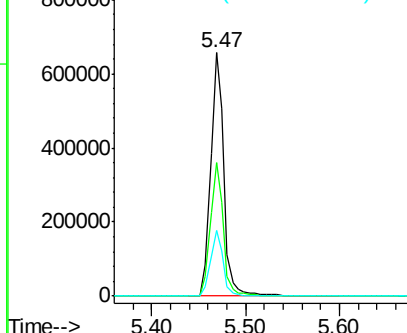
#5

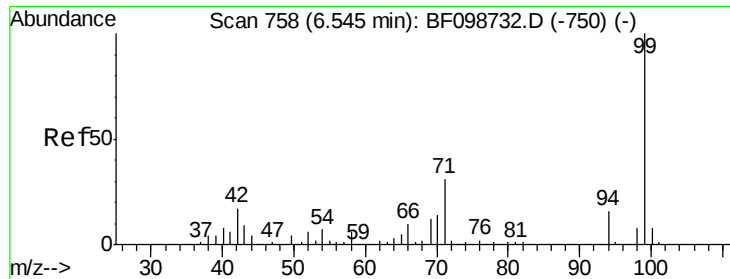
2-Fluorophenol
Concen: 102.86 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Tgt Ion:112 Resp: 656350
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 27.1 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: 100.42 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampleId :

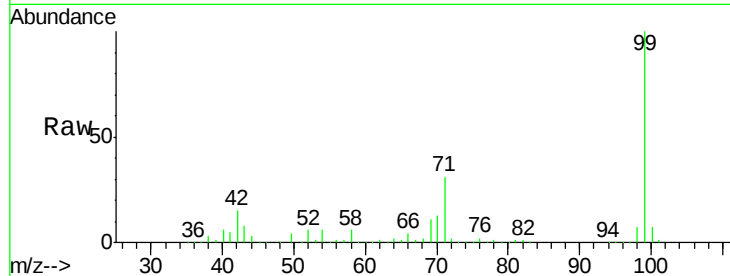
Tot Ion: 99 Resp: 790541

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

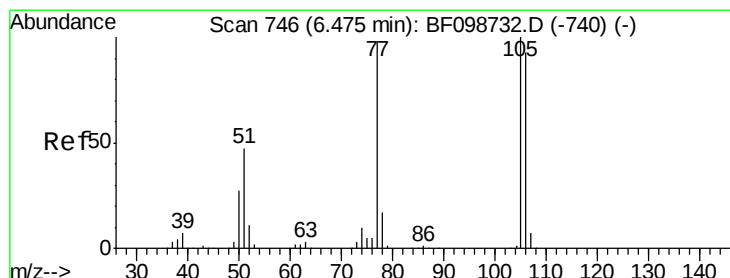
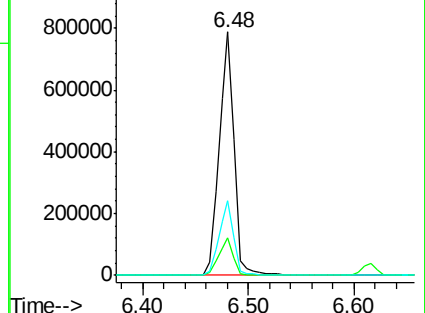
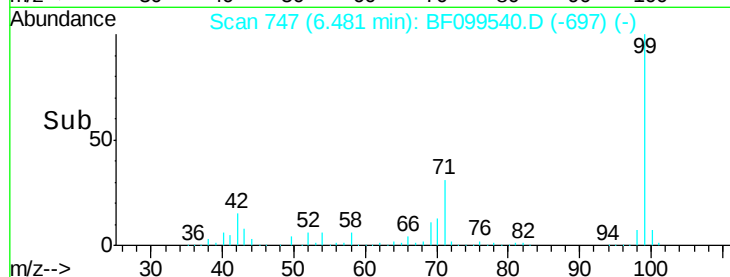
71 30.7 25.4 38.0



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: 2.69 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

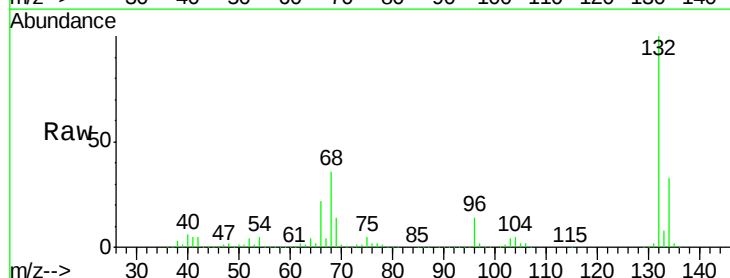
Tgt Ion: 77 Resp: 12305

Ion Ratio Lower Upper

77 100

105 83.3 81.1 121.1

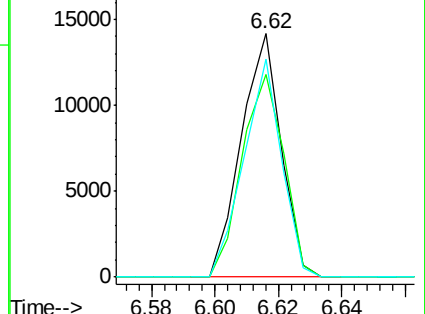
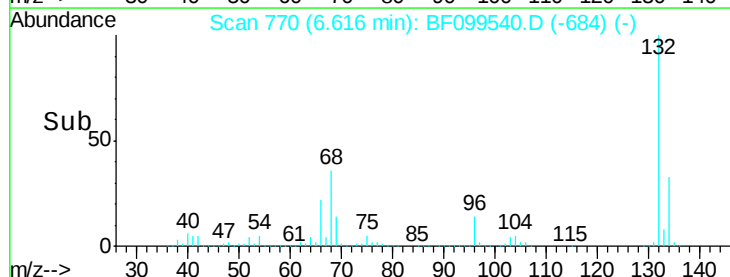
106 89.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 11.68 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 58727

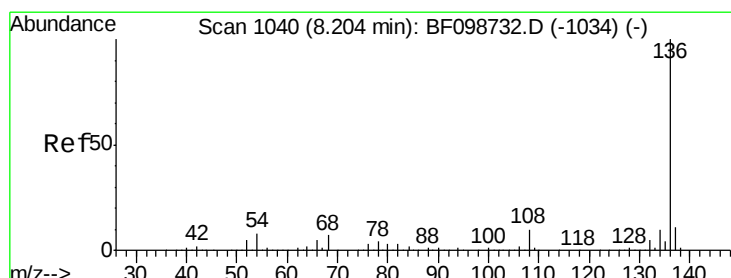
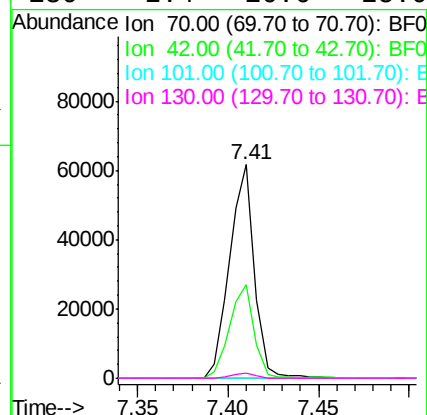
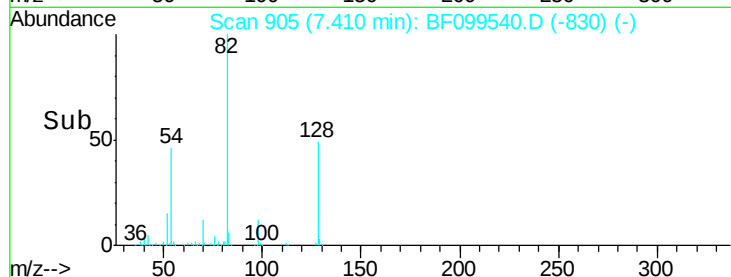
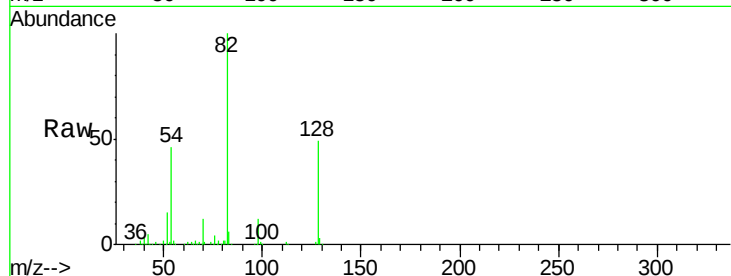
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Tgt Ion: 136 Resp: 417644

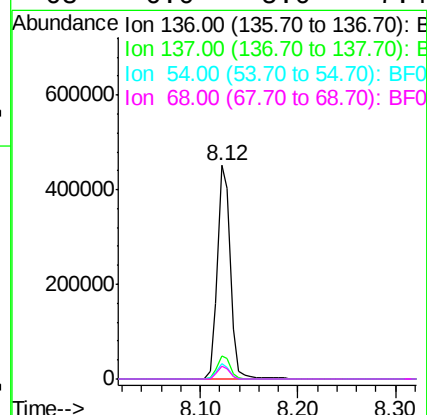
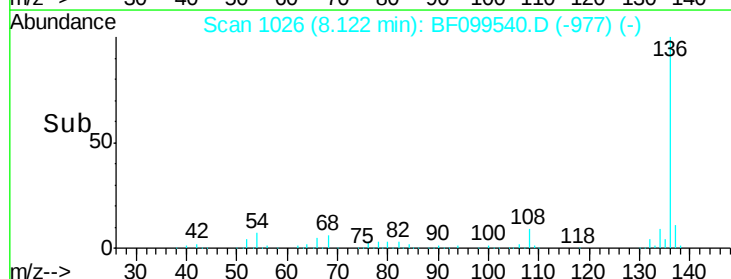
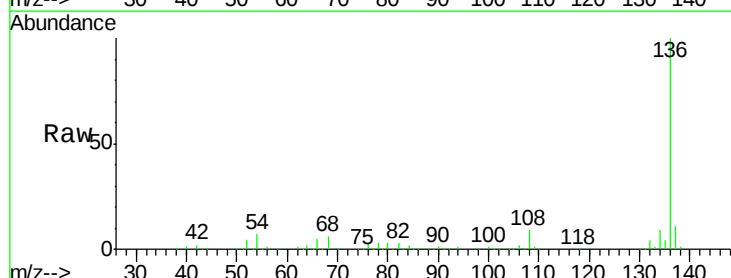
Ion Ratio Lower Upper

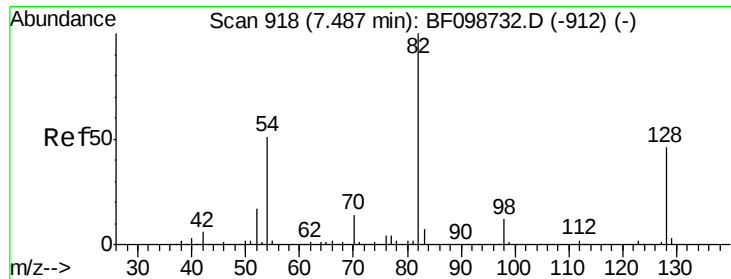
136 100

137 11.0 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

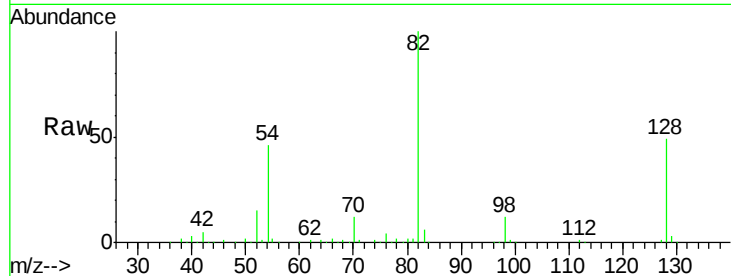




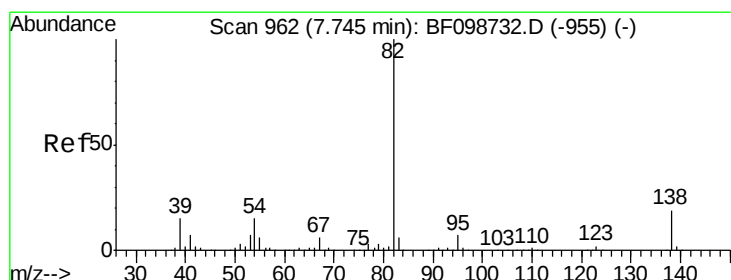
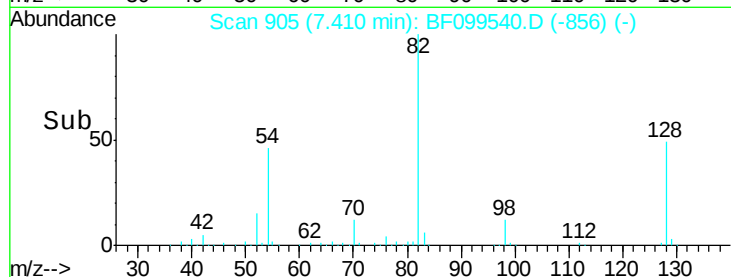
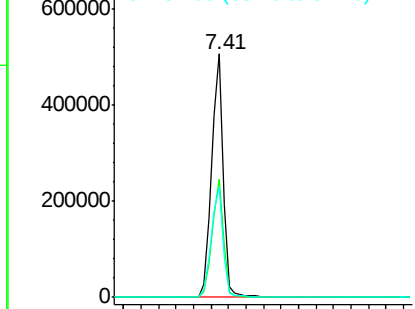
#23
Nitrobenzene-d5
Concen: 72.13 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	469728
Ion Ratio	Lower	Upper	
82	100		
128	48.7	36.1	54.1
54	45.6	41.4	62.2

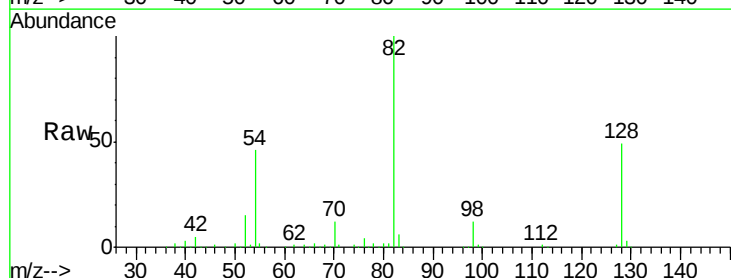


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

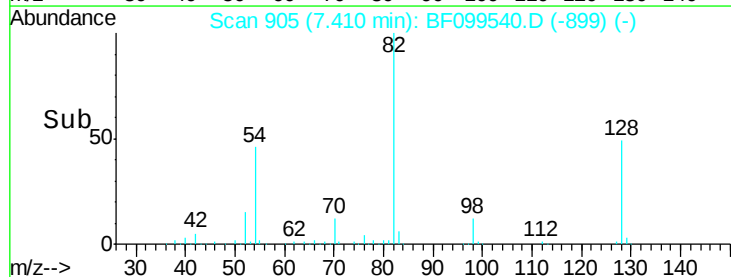
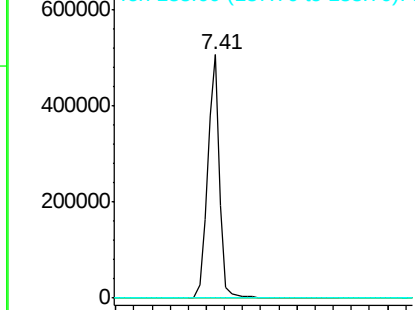


#25
Isophorone
Concen: 34.89 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Tgt Ion	82	Resp	469725
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: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

Instrument :

BNA_F

ClientSampleId :

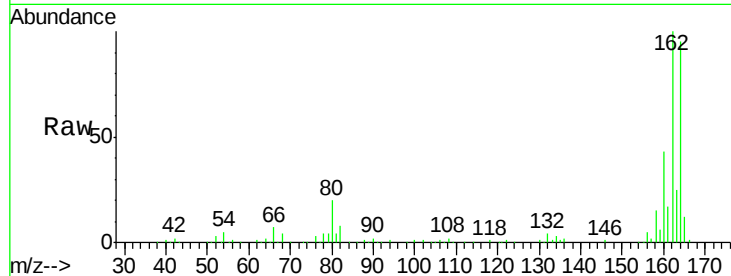
Tot Ion:164 Resp: 181332

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

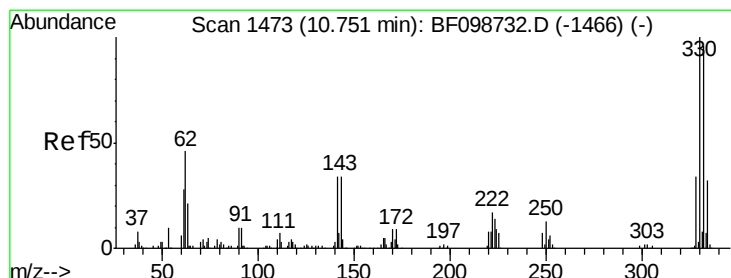
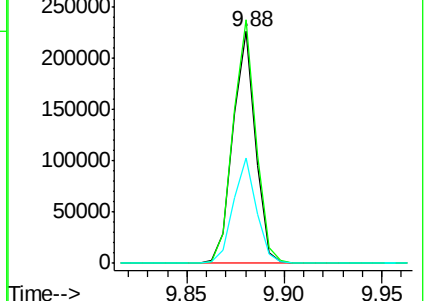
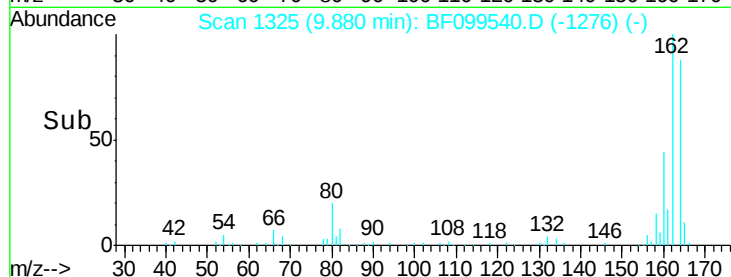
160 45.7 38.3 57.5



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: 100.62 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF099540.D

Acq: 16 Oct 2017 13:17

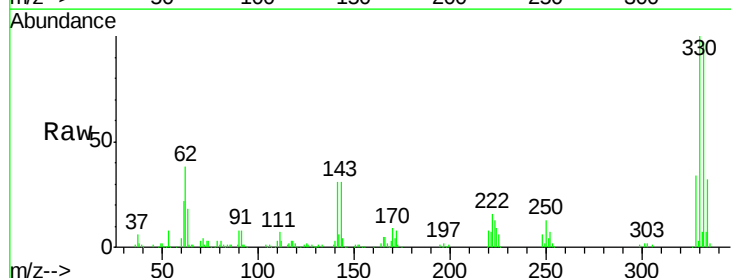
Tgt Ion:330 Resp: 149293

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

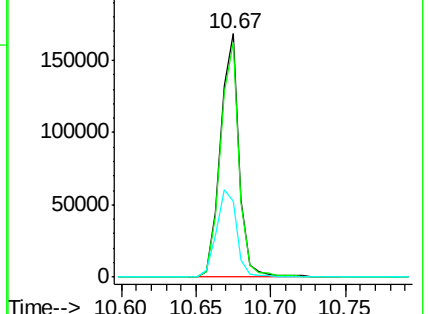
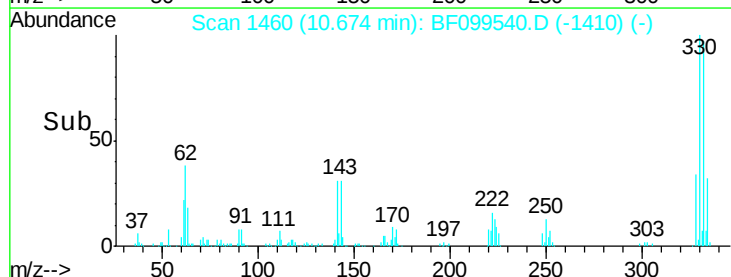
141 39.0 29.9 44.9

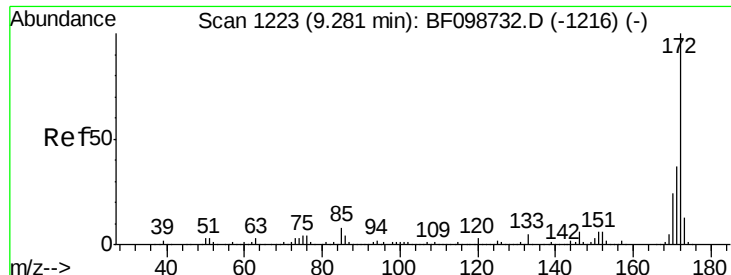


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

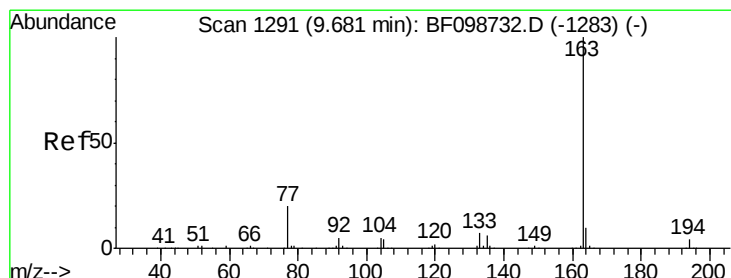
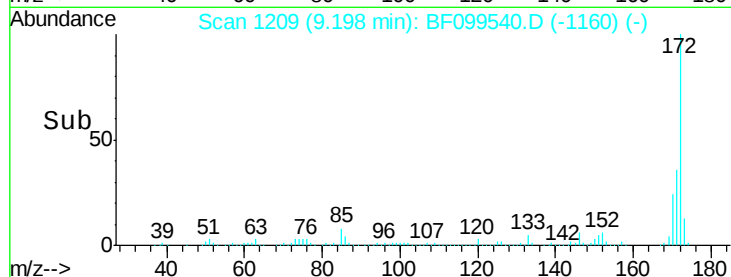
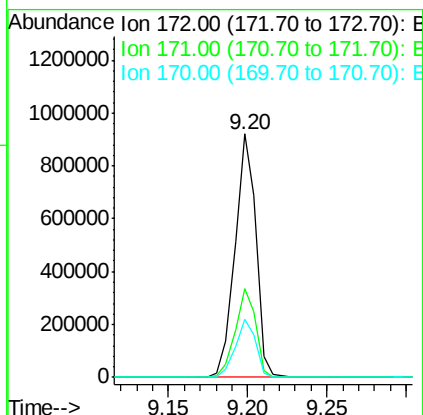
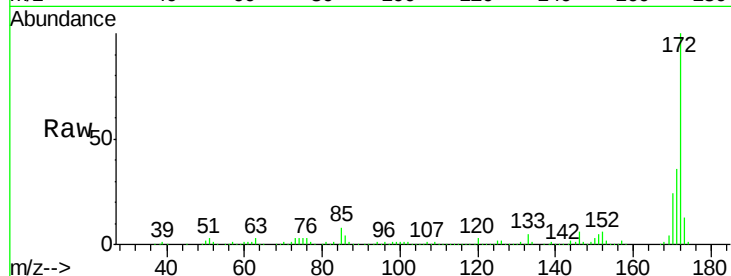




#44
 2-Fluorobiphenyl
 Concen: 77.71 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

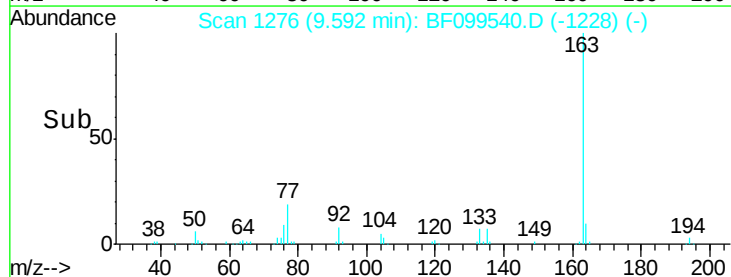
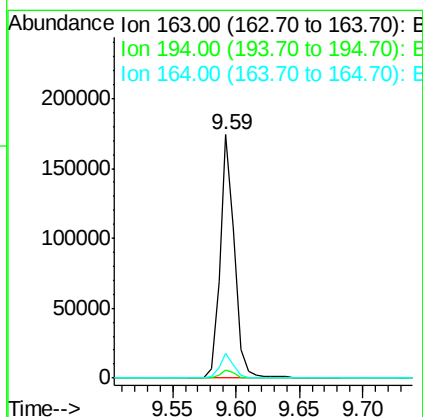
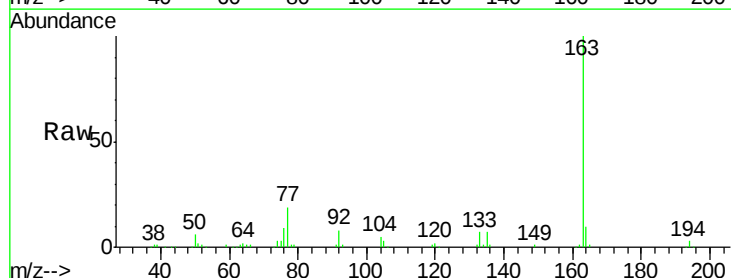
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 844093
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 10.08 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion:163 Resp: 138009
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.1 8.2 12.2

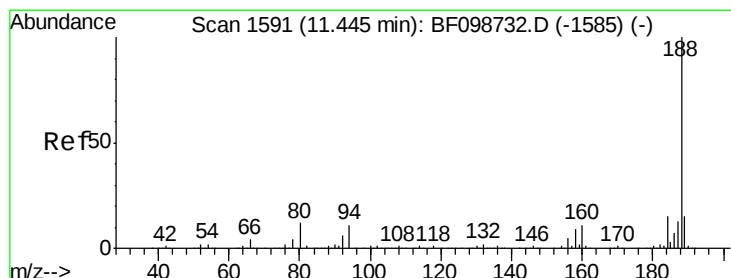
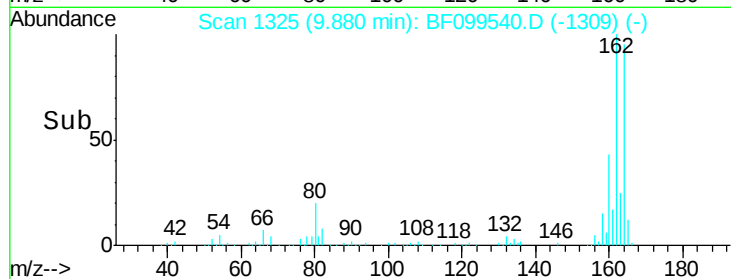
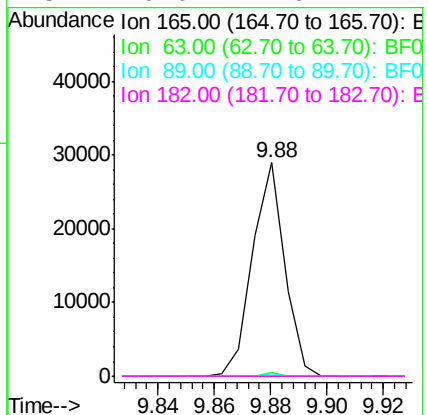
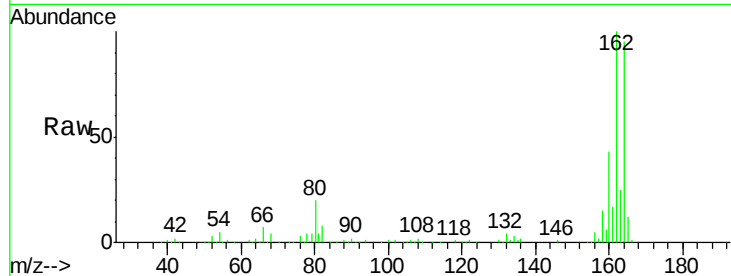




#56
 2,4-Dinitrotoluene
 Concen: 5.93 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

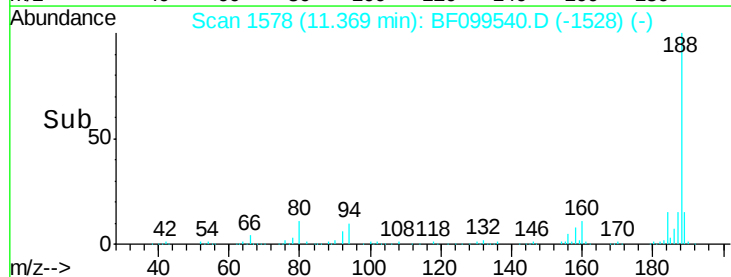
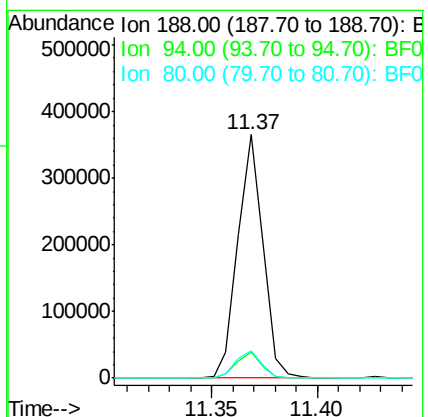
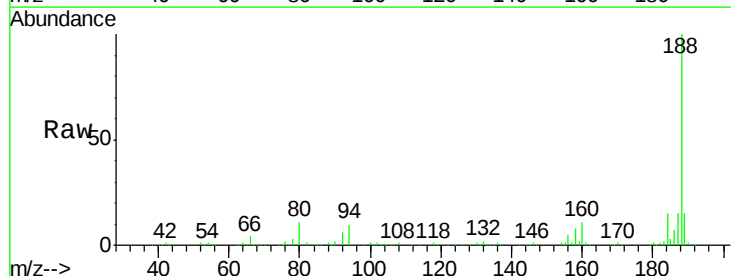
Instrument :
 BNA_F
 ClientSampleId :

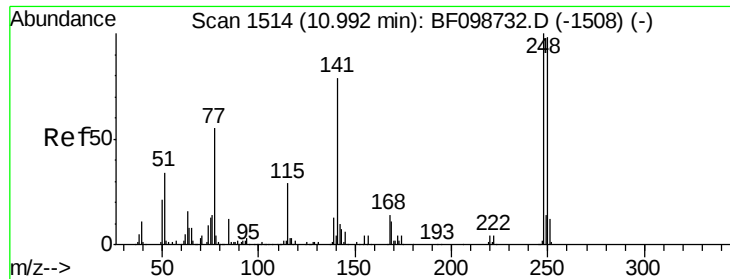
Tot Ion:165	Resp:	22943
Ion Ratio	Lower	Upper
165	100	
63	1.7	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion:188	Resp:	300276
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.1	9.2 13.8

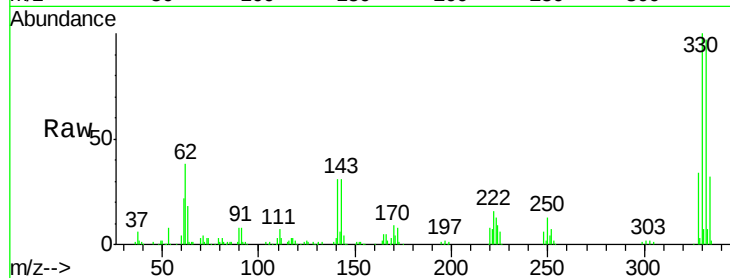




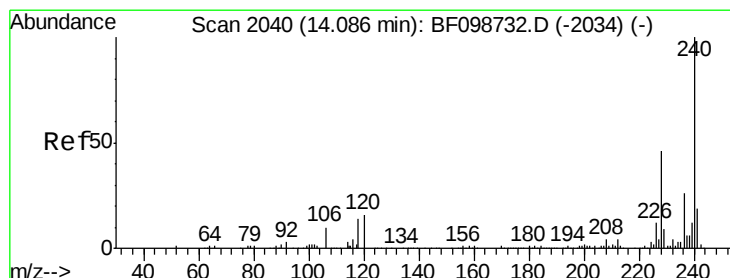
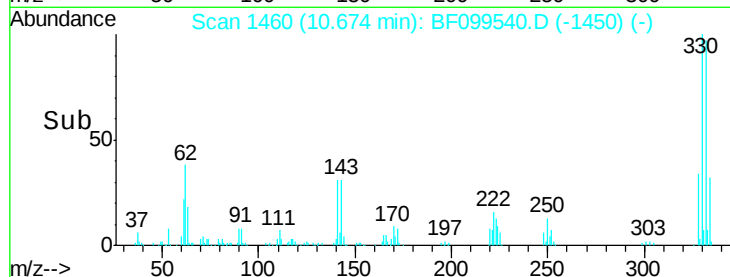
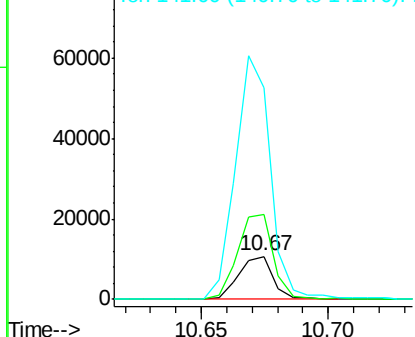
#66
4-Bromophenyl-phenylether
Concen: 3.44 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10111
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 491.9 74.4 111.6#

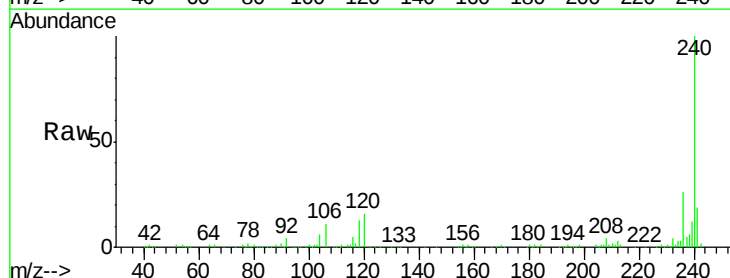


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

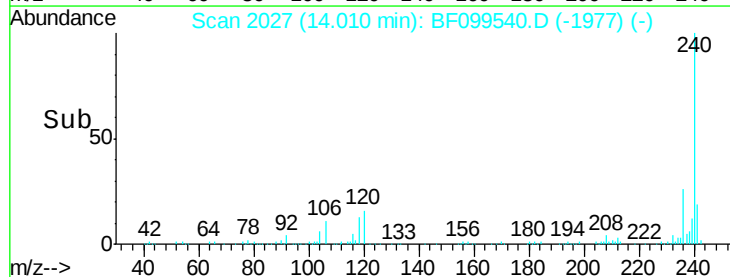
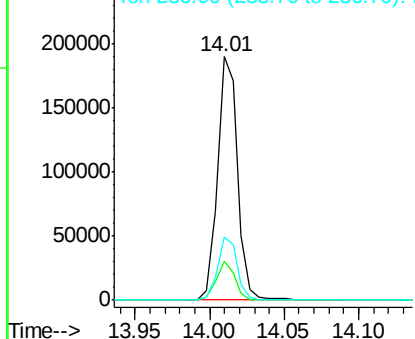


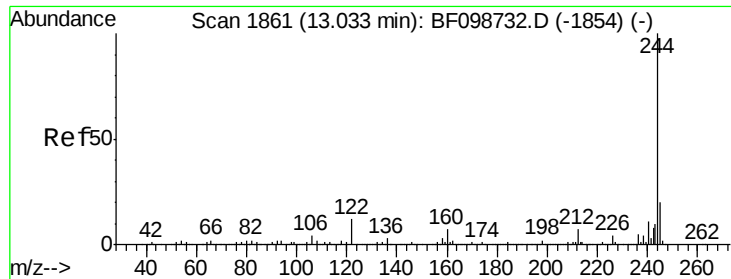
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099540.D
Acq: 16 Oct 2017 13:17

Tgt Ion:240 Resp: 178418
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.0 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

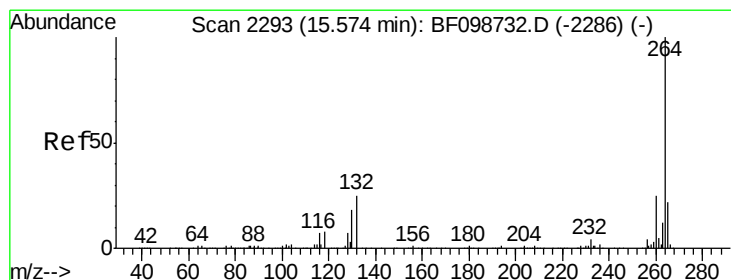
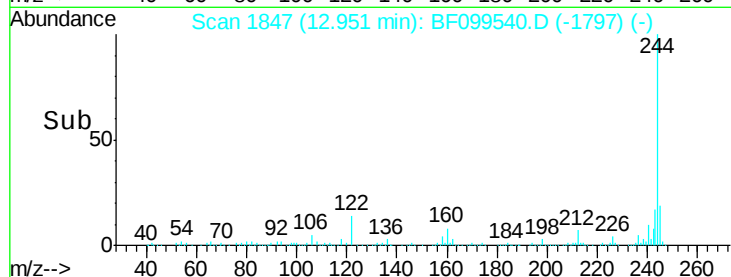
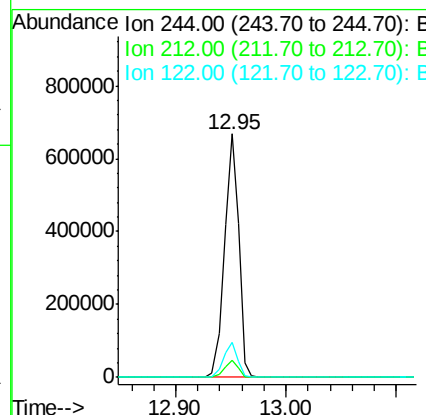
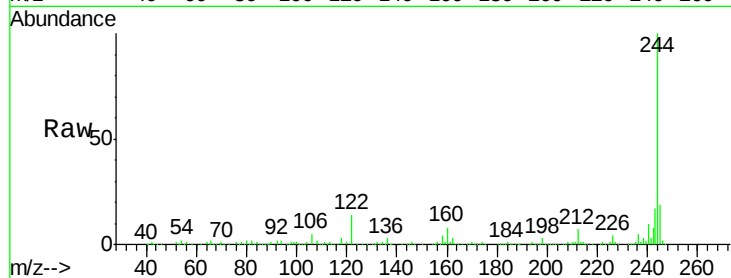




#78
 Terphenyl-d14
 Concen: 76.05 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099540.D
 Acq: 16 Oct 2017 13:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.9	17.5	26.3

