

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099699.D
 Acq On : 20 Oct 2017 14:29
 Operator : SJ/JU
 Sample : I5922-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 17:55:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

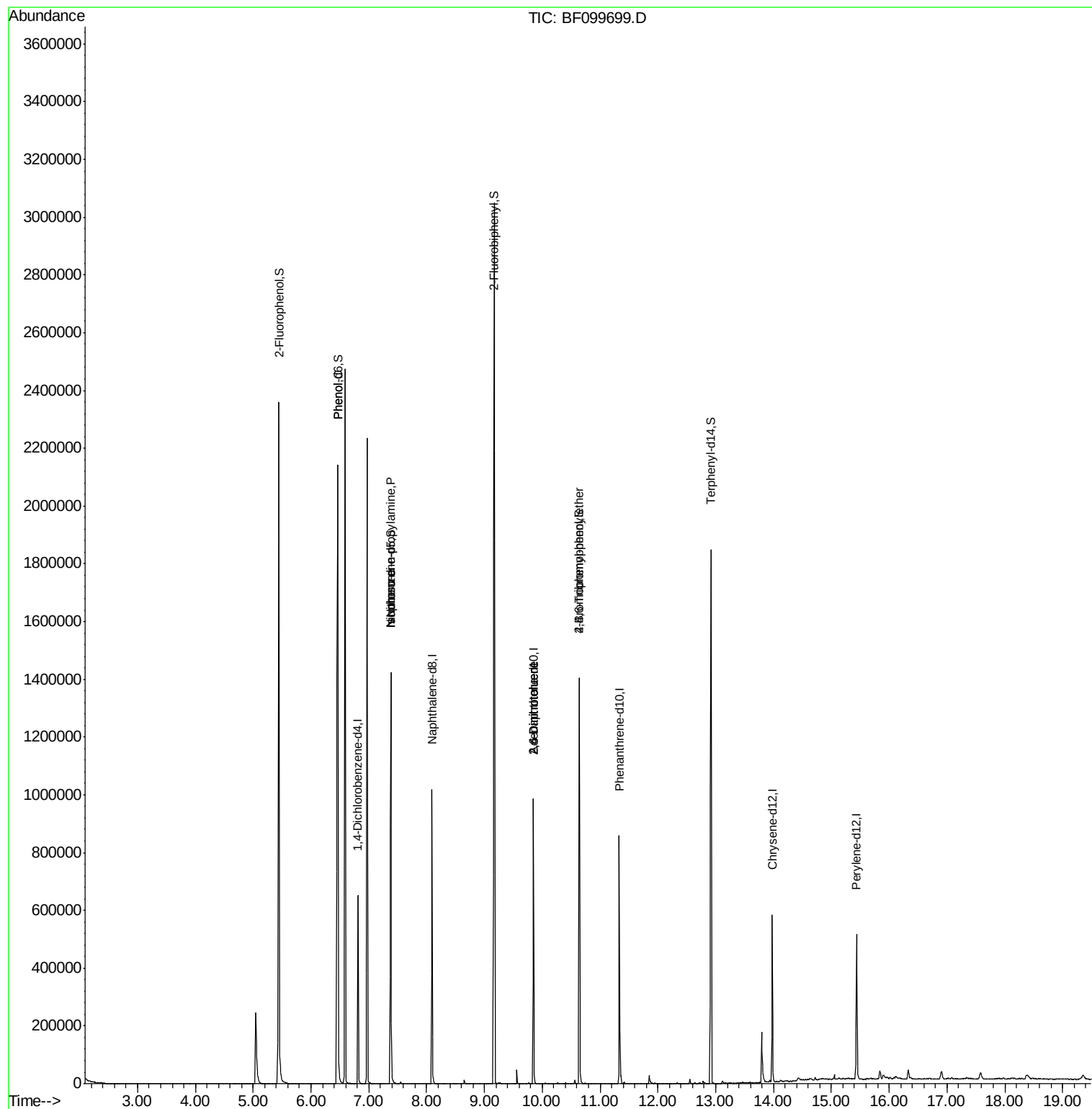
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	112395	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462131	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	207289	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	313657	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	195106	20.00	ng	0.00
86) Perylene-d12	15.44	264	208993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	810647	114.82	ng	0.00
7) Phenol-d6	6.46	99	964612	110.75	ng	0.00
23) Nitrobenzene-d5	7.39	82	561624	77.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	185551	109.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1046795	84.30	ng	0.00
78) Terphenyl-d14	12.92	244	639729	74.57	ng	0.00
Target Compounds						
10) Phenol	6.47	94	42865	4.401	ng	94
19) n-Nitroso-di-n-propylamine	7.38	70	71039	12.775	ng	# 71
25) Isophorone	7.39	82	561624	37.696	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	26456	7.767	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	26456	5.985	ng	# 22
66) 4-Bromophenyl-phenylether	10.65	248	12500	4.071	ng	# 1

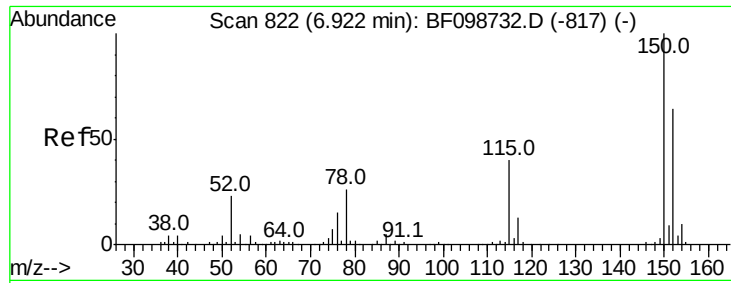
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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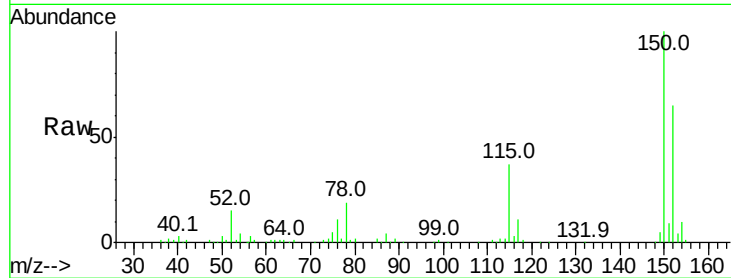


#1

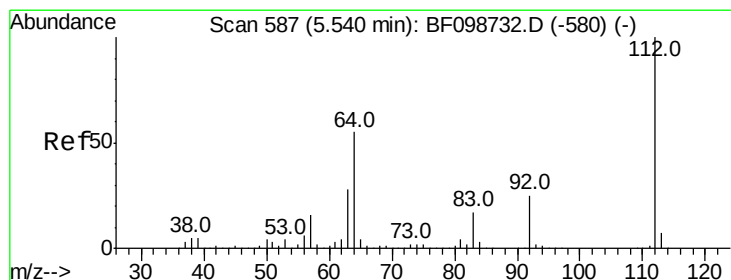
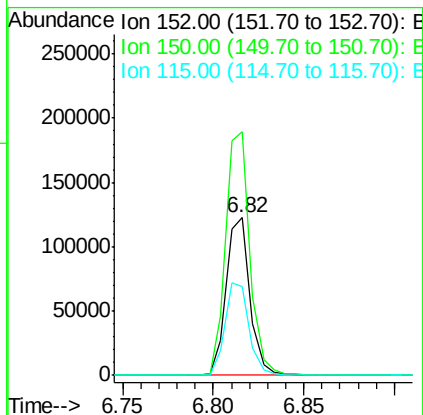
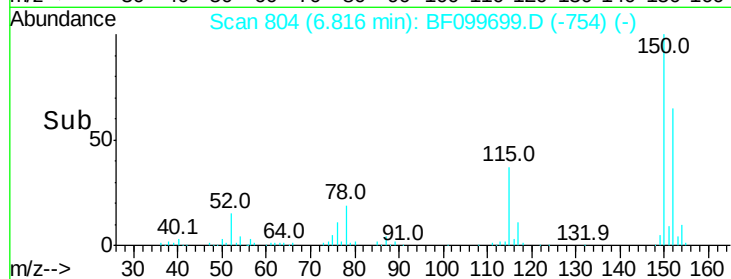
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 112395
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 56.7 50.1 75.1



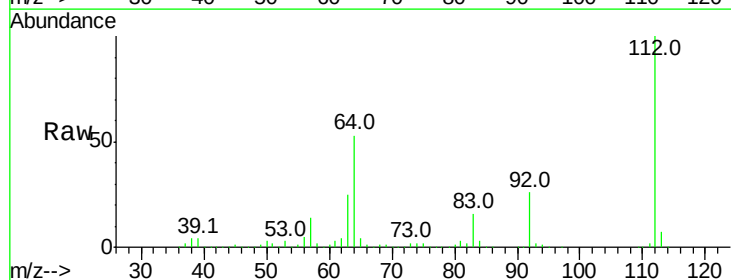
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



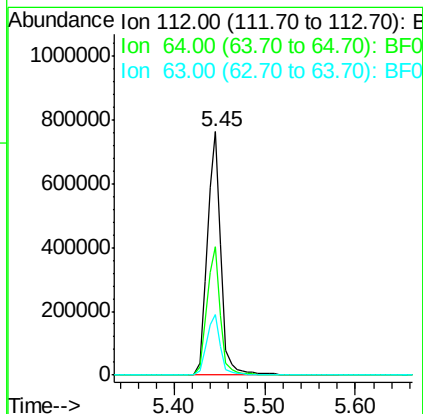
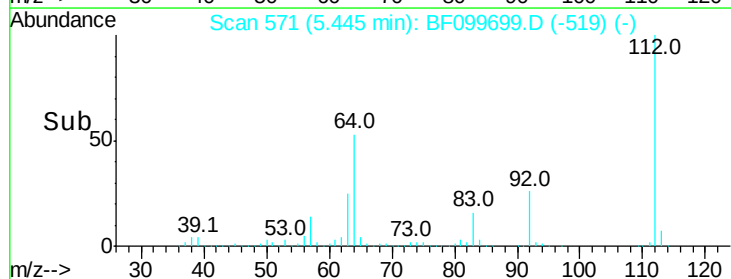
#5

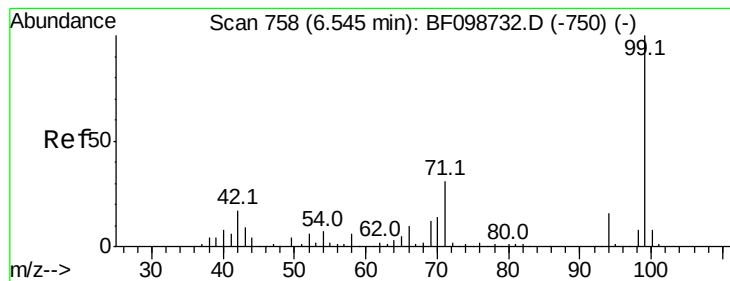
2-Fluorophenol
 Concen: 114.816 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

Tgt Ion:112 Resp: 810647
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.0 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: 110.750 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099699.D

Acq: 20 Oct 2017 14:29

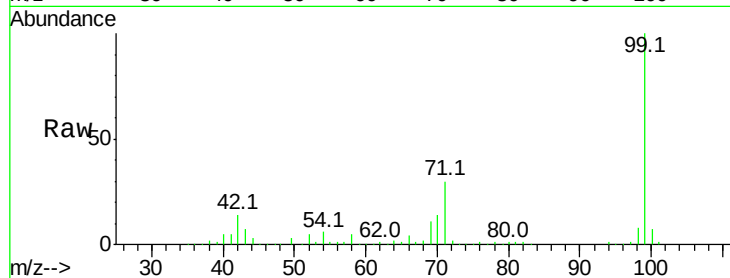
Instrument :

BNA_F

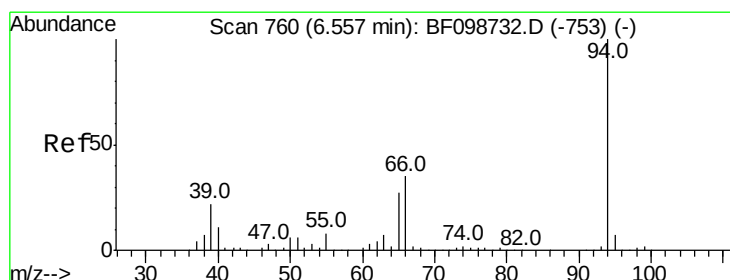
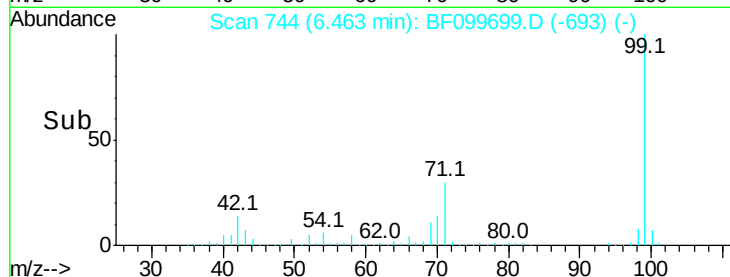
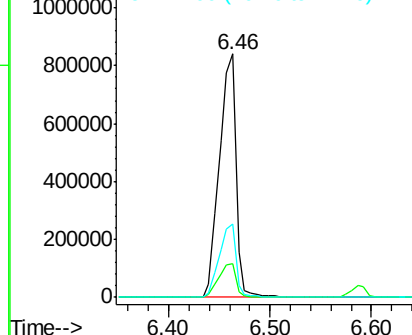
ClientSampleId :

Tot Ion: 99 Resp: 964612

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	30.1	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: 4.401 ng

RT: 6.47 min Scan# 745

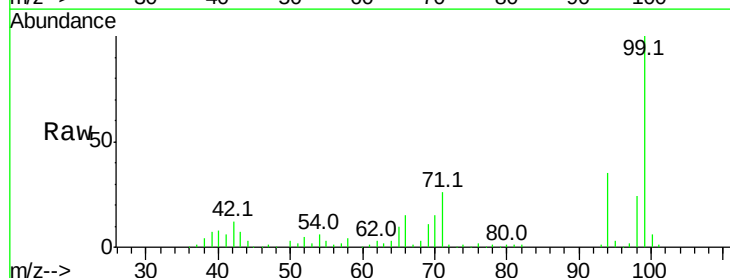
Delta R.T. -0.01 min

Lab File: BF099699.D

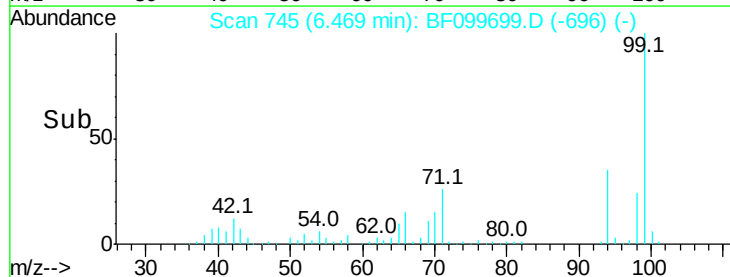
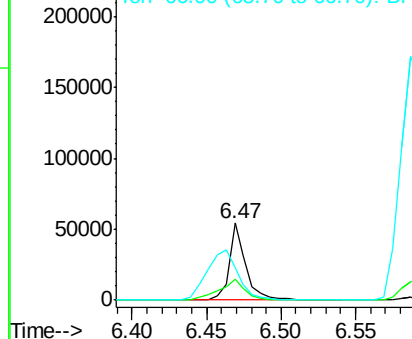
Acq: 20 Oct 2017 14:29

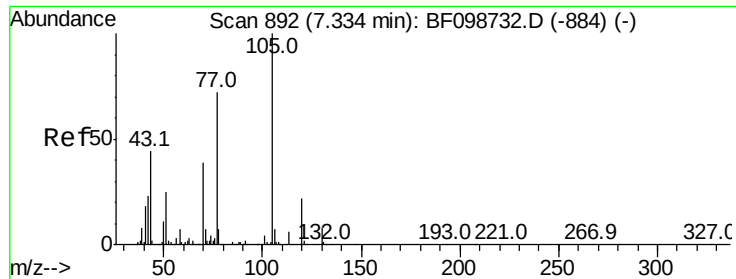
Tgt Ion: 94 Resp: 42865

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	42.6	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

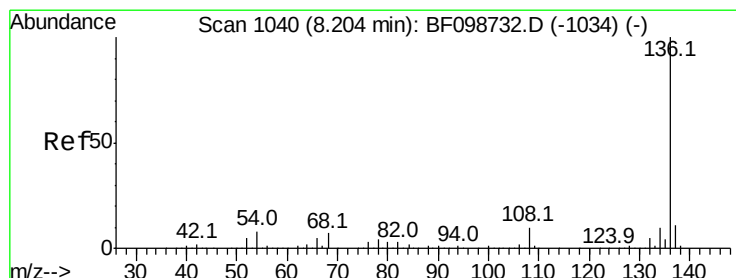
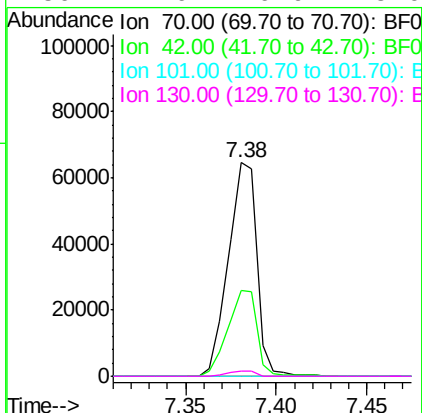
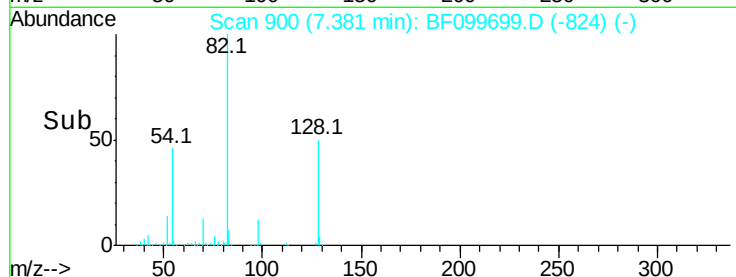
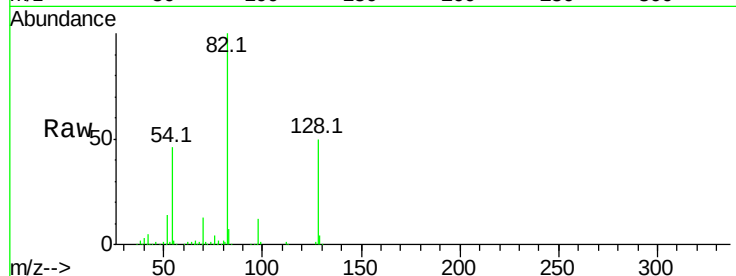




#19
n-Nitroso-di-n-propylamine
Concen: 12.775 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

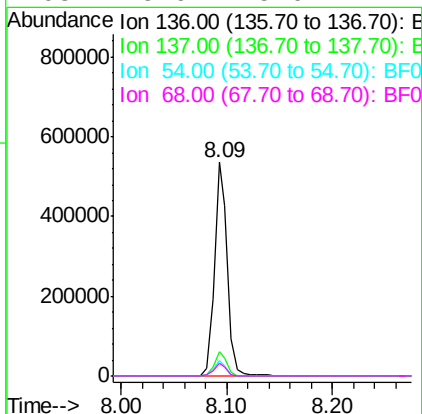
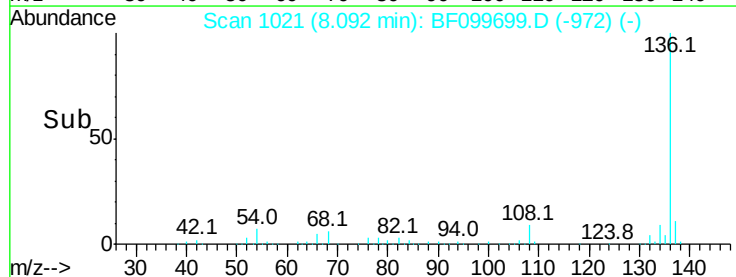
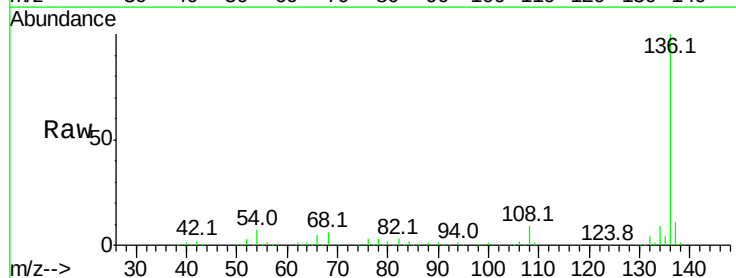
Instrument :
BNA_F
ClientSampleId :

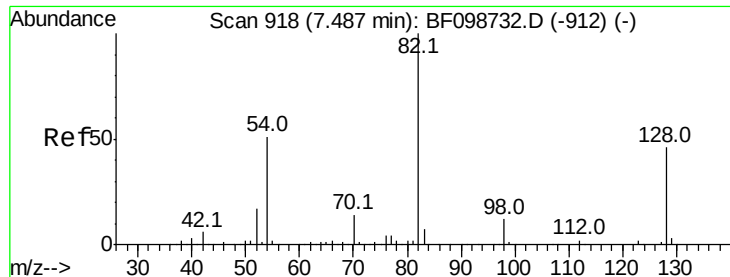
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4

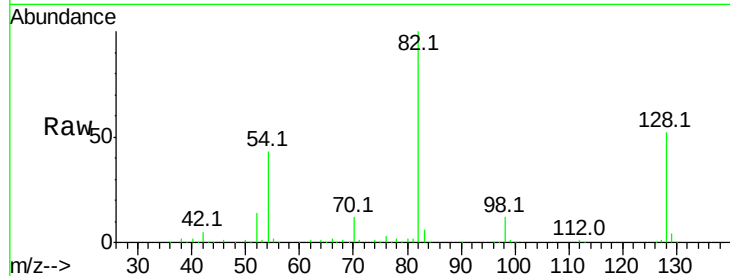




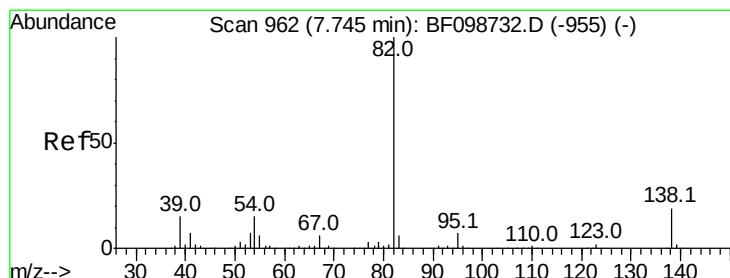
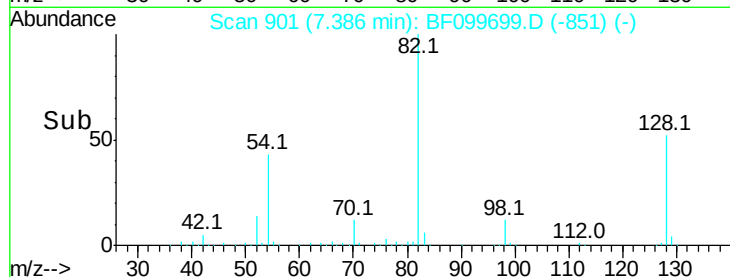
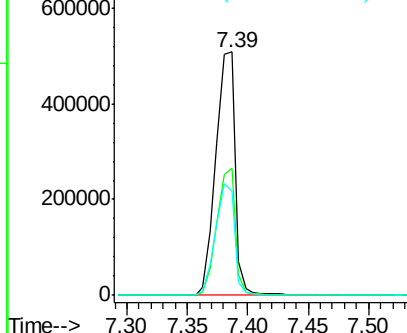
#23
Nitrobenzene-d5
Concen: 77.937 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 561624
Ion Ratio Lower Upper
82 100
128 52.1 36.1 54.1
54 42.9 41.4 62.2

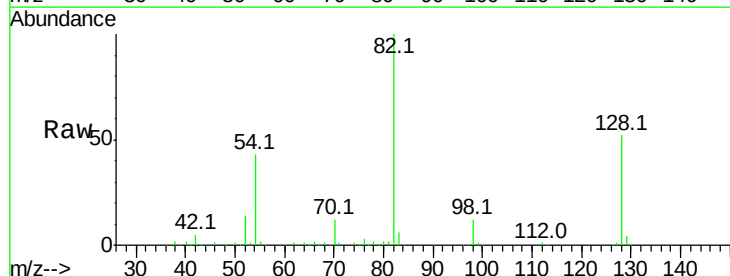


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

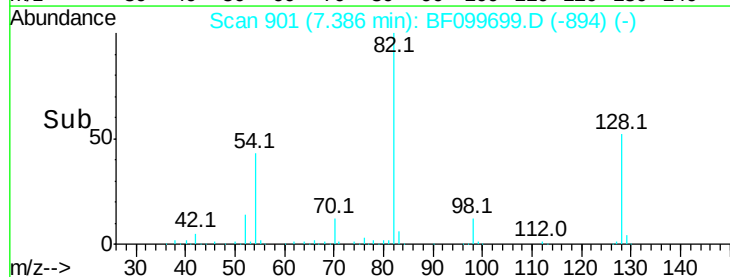
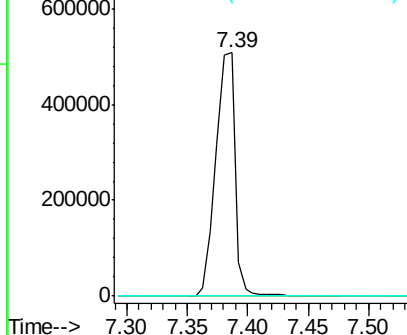


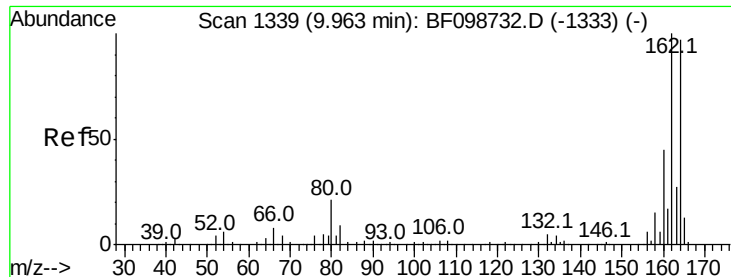
#25
Isophorone
Concen: 37.696 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

Tgt Ion: 82 Resp: 561624
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

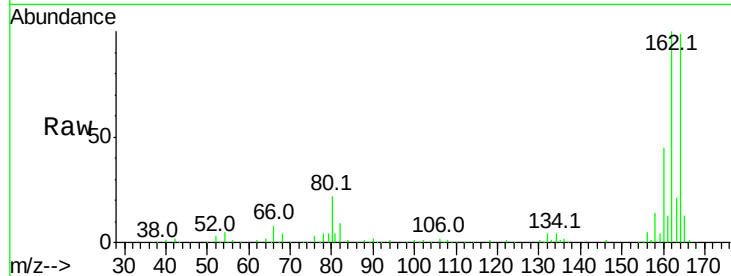




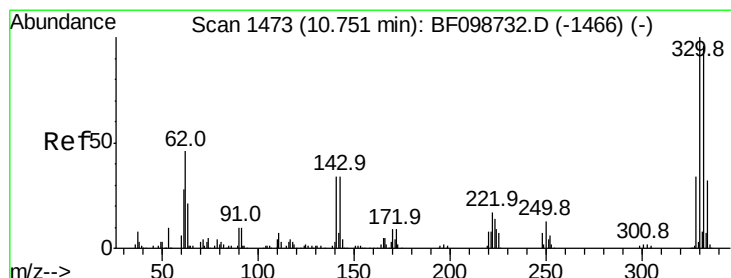
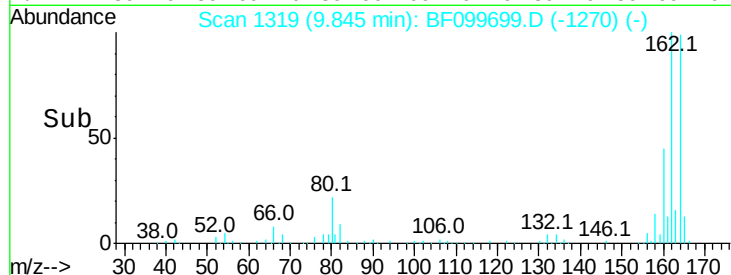
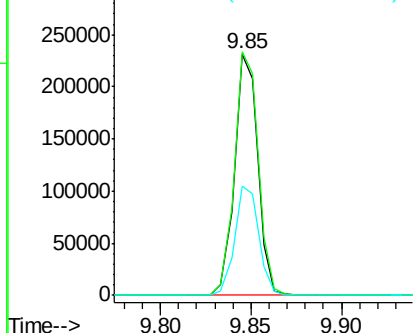
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 207289
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 45.1 38.3 57.5

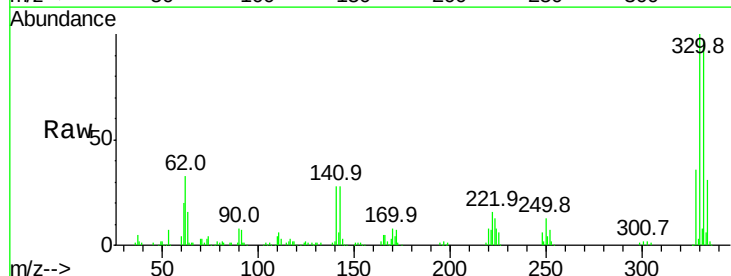


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

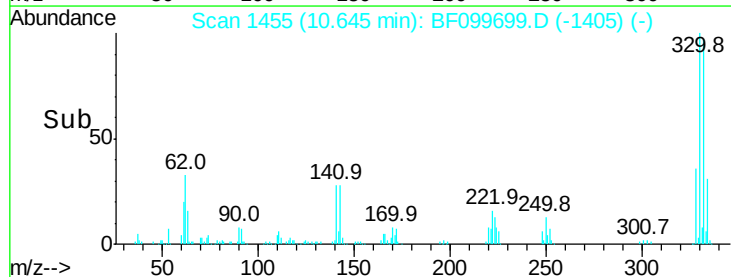
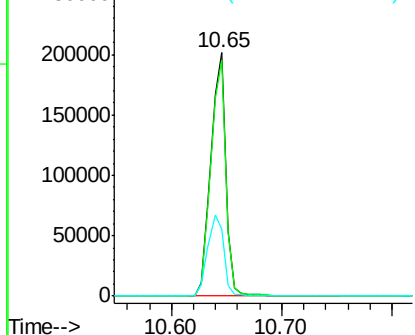


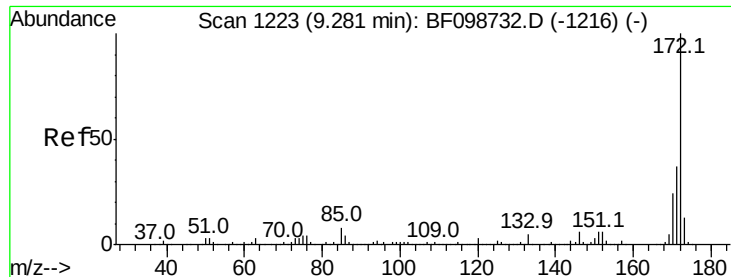
#41
2,4,6-Tribromophenol
Concen: 109.393 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099699.D
Acq: 20 Oct 2017 14:29

Tgt Ion:330 Resp: 185551
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 35.6 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



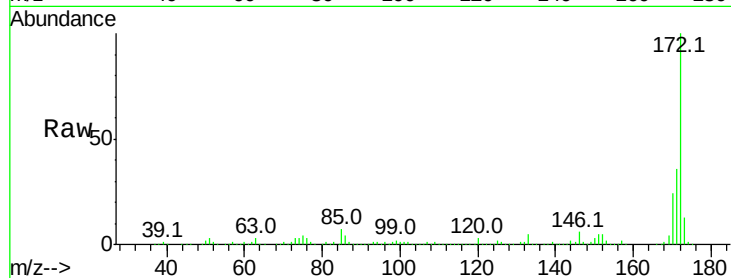


#44
 2-Fluorobiphenyl
 Concen: 84.304 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

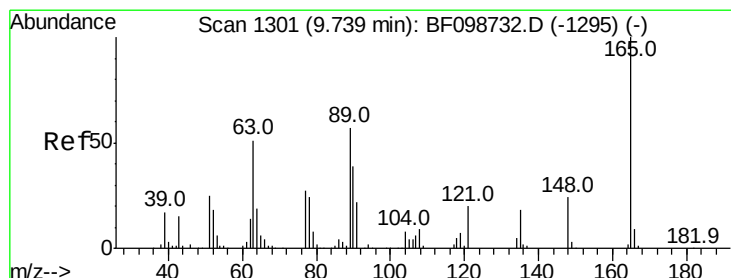
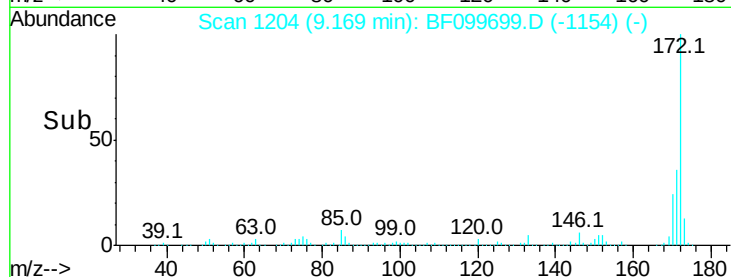
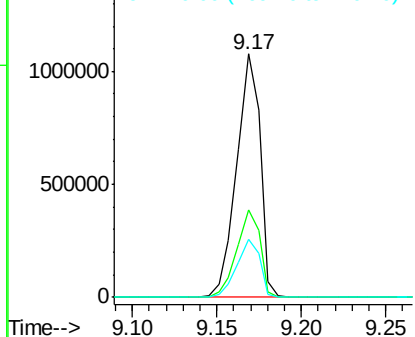
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1046795

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4



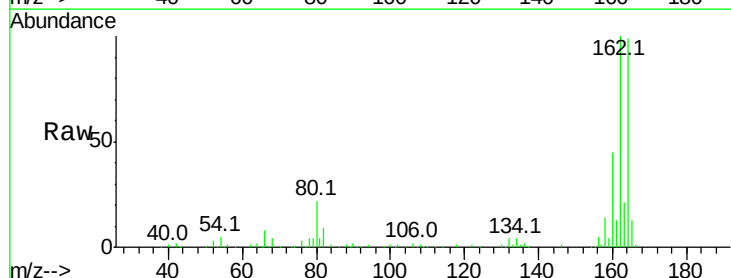
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



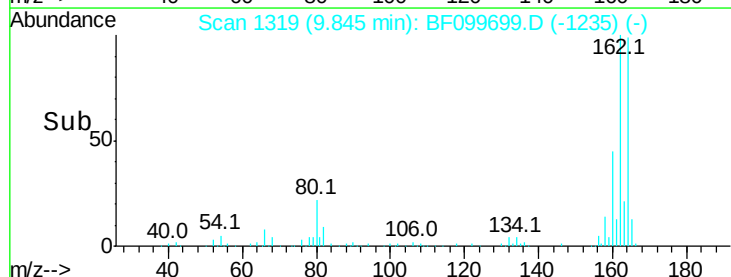
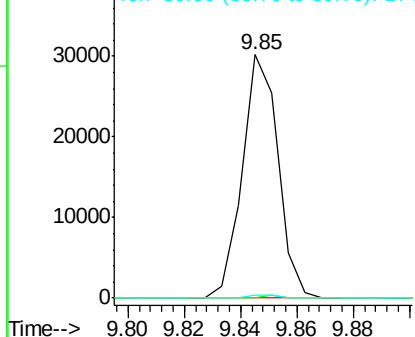
#50
 2,6-Dinitrotoluene
 Concen: 7.767 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

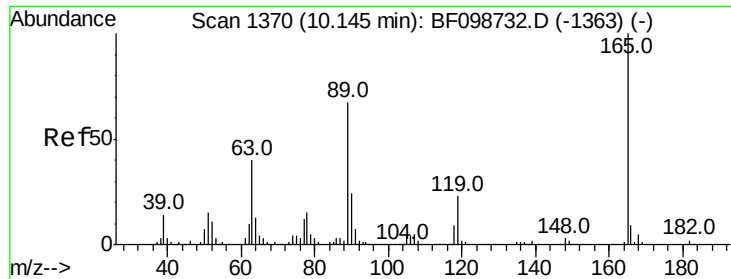
Tgt Ion:165 Resp: 26456

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

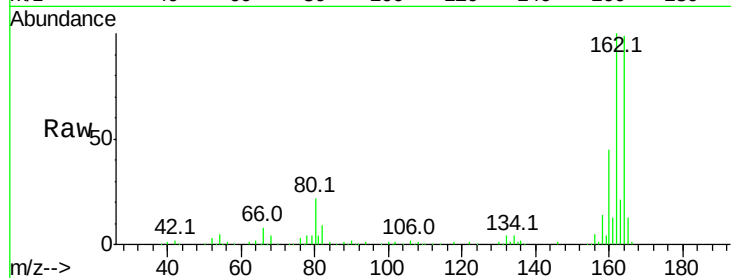




#56
 2,4-Dinitrotoluene
 Concen: 5.985 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	26456
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.0	57.8 86.6#
182	0.0	1.6 2.4#

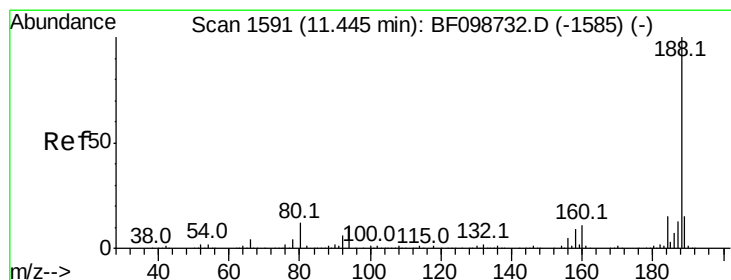
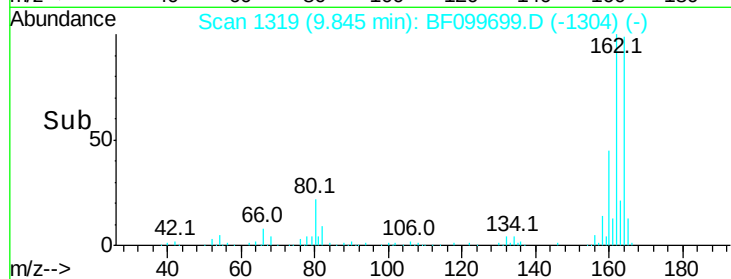
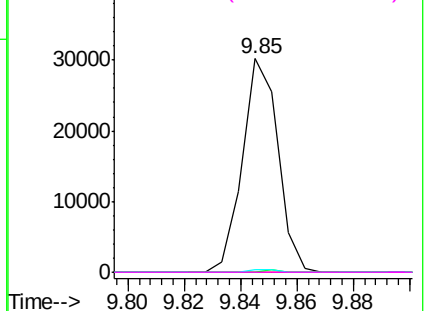


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

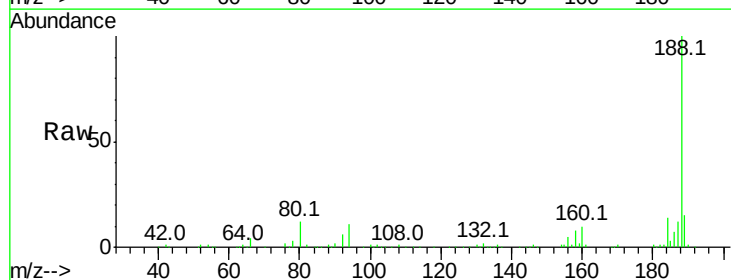
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

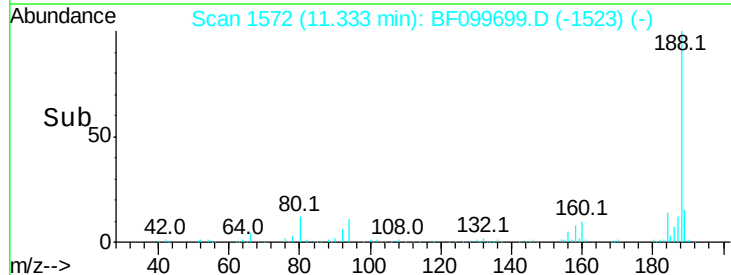
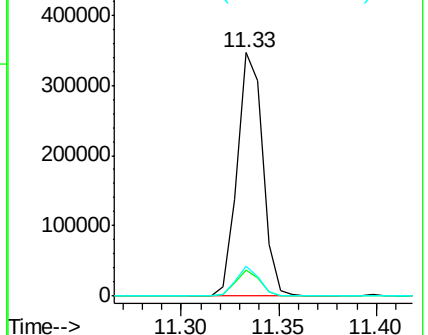
Tgt Ion:188	Resp:	313657
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	12.3	9.2 13.8

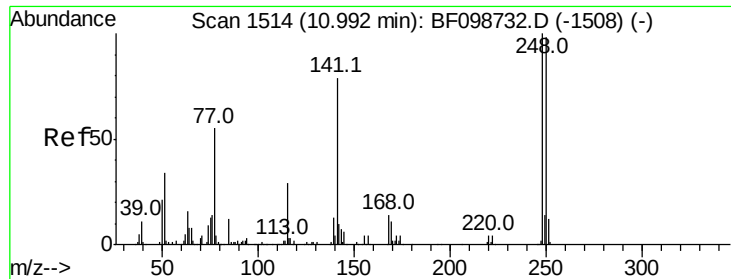


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

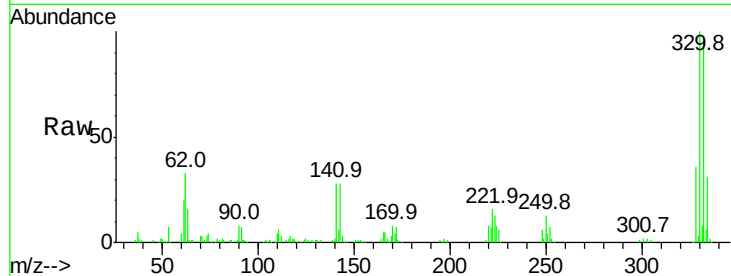




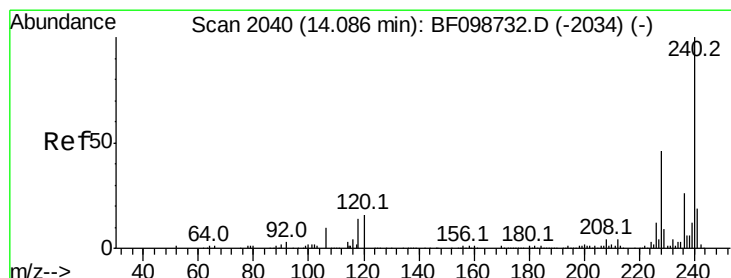
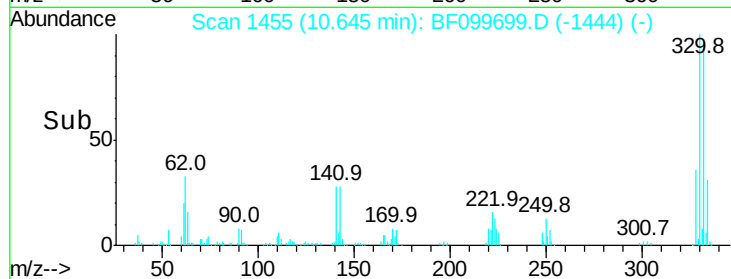
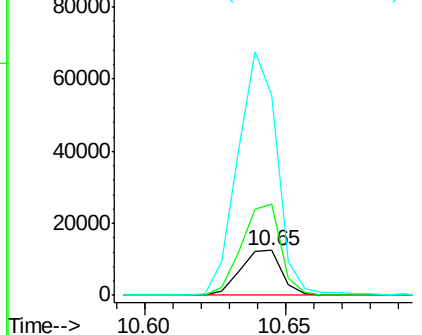
#66
 4-Bromophenyl-phenylether
 Concen: 4.071 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.24 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12500
 Ion Ratio Lower Upper
 248 100
 250 204.2 76.9 115.3#
 141 445.2 74.4 111.6#

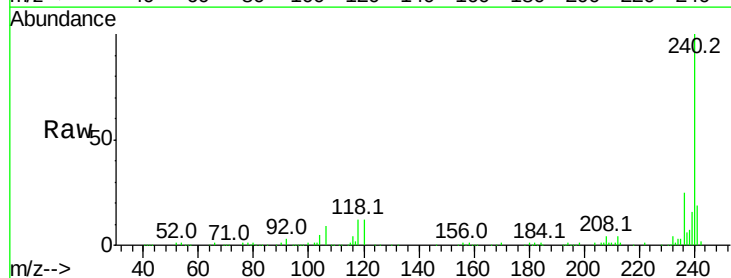


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

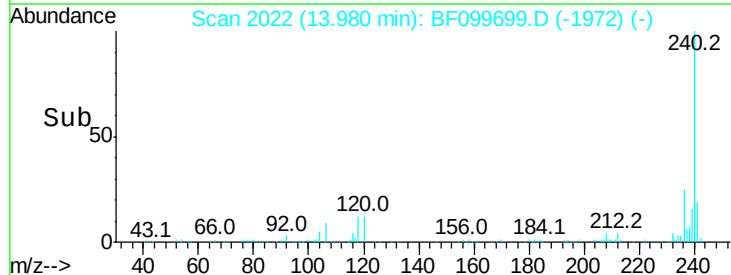
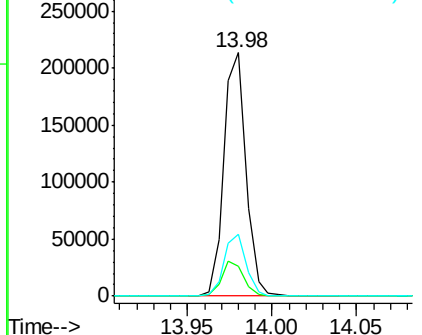


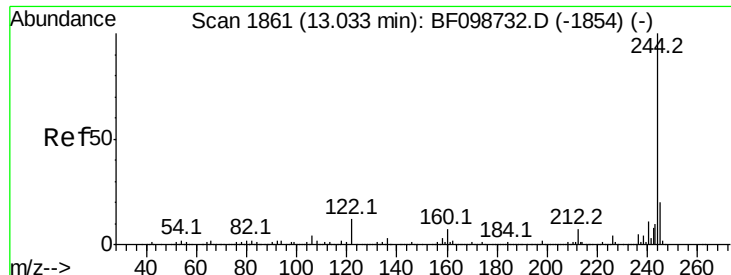
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099699.D
 Acq: 20 Oct 2017 14:29

Tgt Ion:240 Resp: 195106
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.4 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: 74.568 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099699.D

Acq: 20 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

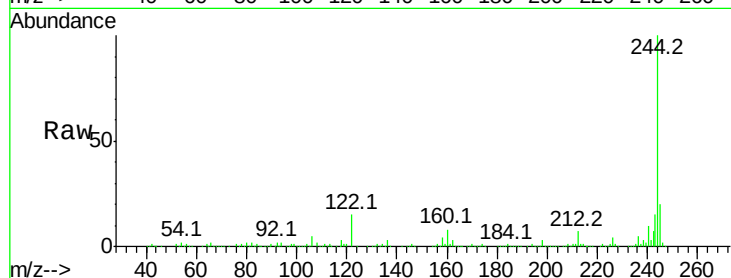
Tot Ion:244 Resp: 639729

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

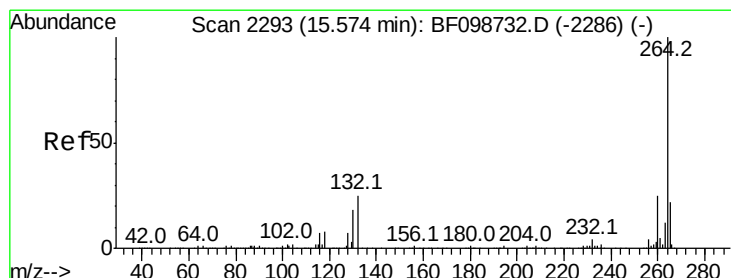
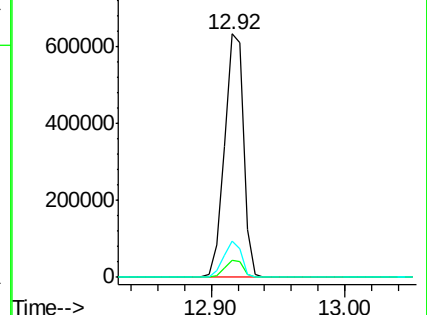
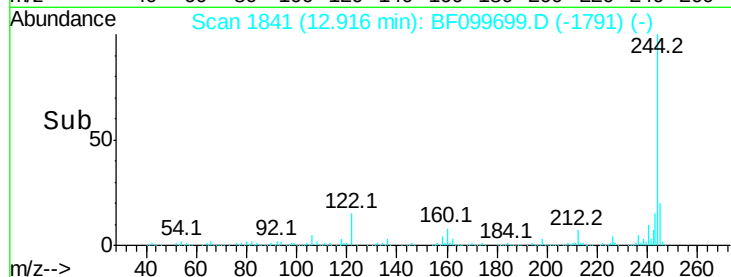
122 14.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099699.D

Acq: 20 Oct 2017 14:29

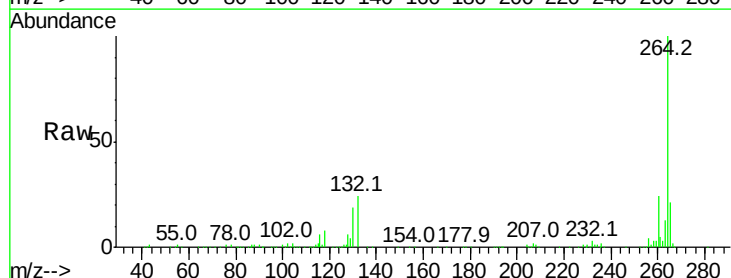
Tgt Ion:264 Resp: 208993

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

