

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099621.D
 Acq On : 18 Oct 2017 17:04
 Operator : SJ/JU
 Sample : PB103365BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 22:13:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

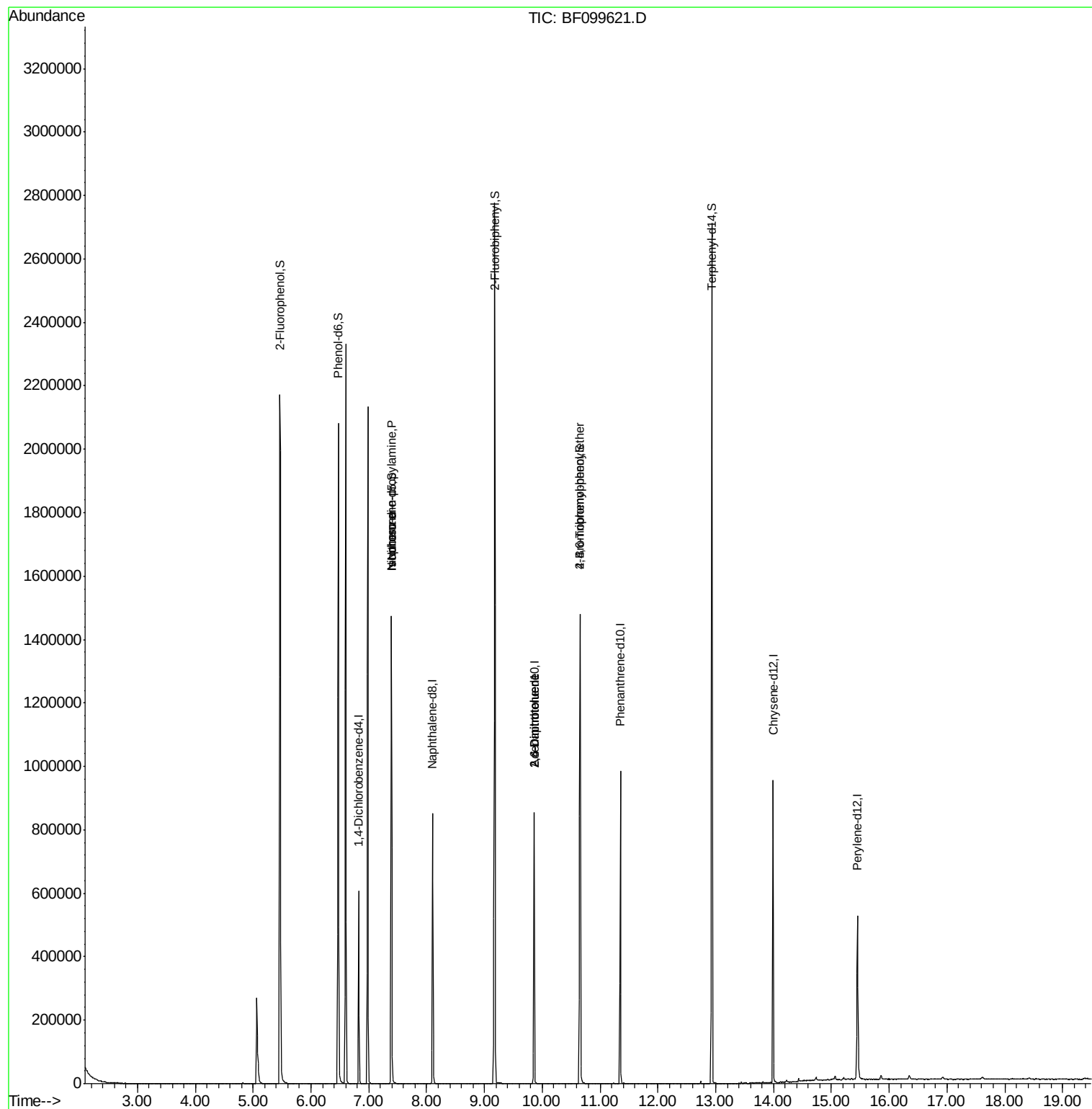
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99006	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	419088	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	196116	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	365112	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309308	20.00	ng	0.00
86) Perylene-d12	15.45	264	247110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	747416	120.18	ng	0.01
7) Phenol-d6	6.47	99	879912	114.69	ng	0.00
23) Nitrobenzene-d5	7.39	82	534959	81.86	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	205814	128.25	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1050425	89.42	ng	0.00
78) Terphenyl-d14	12.93	244	999531	73.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	66711	13.619	ng	# 71
25) Isophorone	7.39	82	534953	39.594	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	24418	7.577	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	24418	5.839	ng	# 22
66) 4-Bromophenyl-phenylether	10.66	248	13588	3.802	ng	# 1

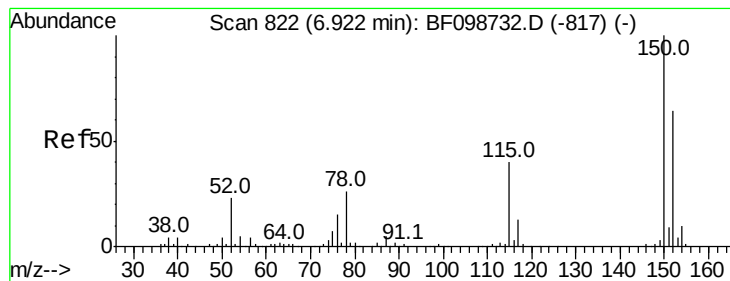
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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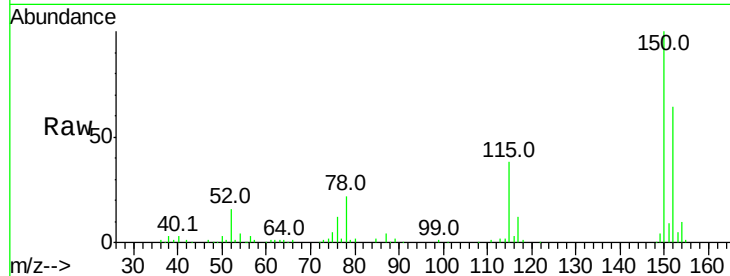


#1

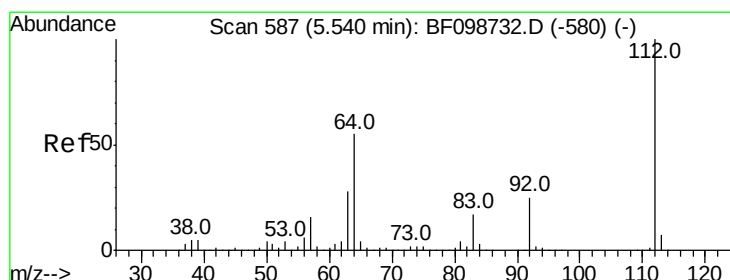
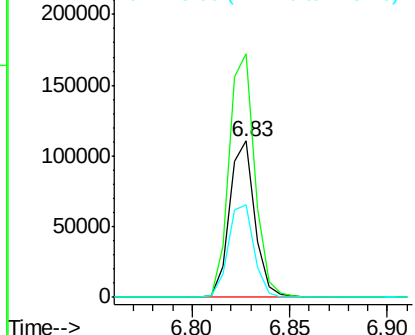
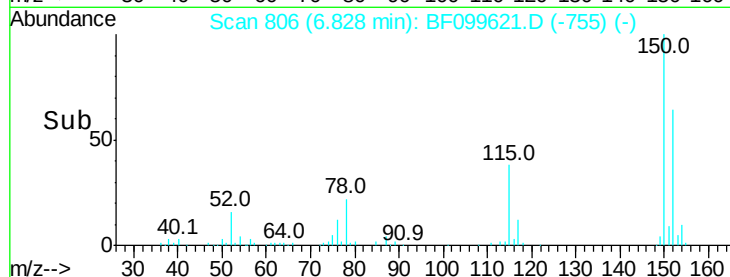
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 99006
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 59.1 50.1 75.1



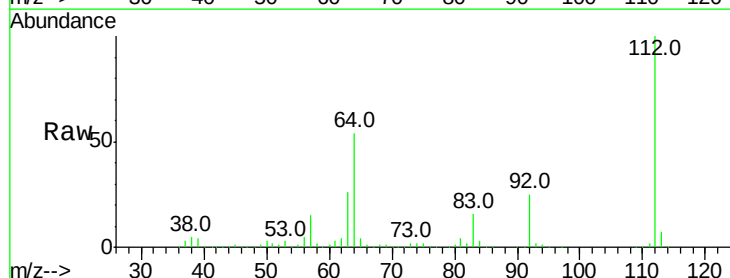
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



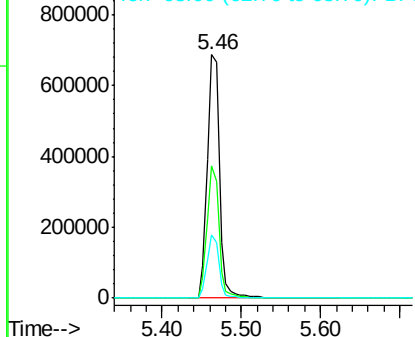
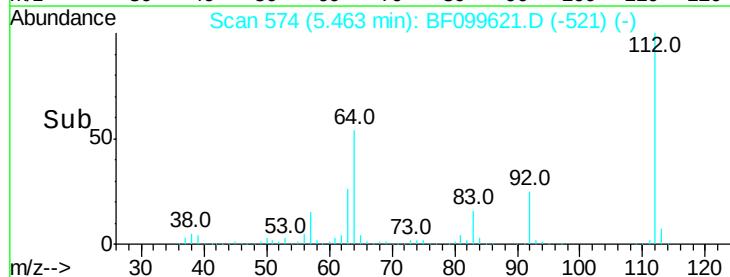
#5

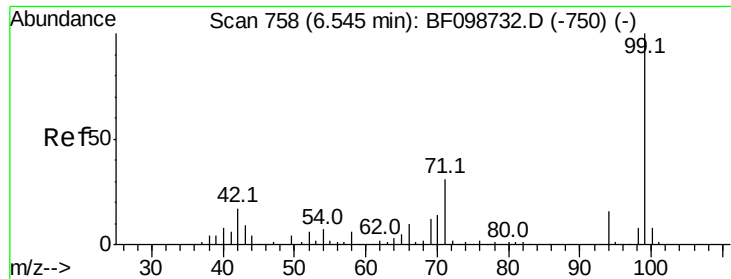
2-Fluorophenol
 Concen: 120.176 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Tgt Ion:112 Resp: 747416
 Ion Ratio Lower Upper
 112 100
 64 54.3 47.9 71.9
 63 25.9 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: 114.687 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099621.D

Acq: 18 Oct 2017 17:04

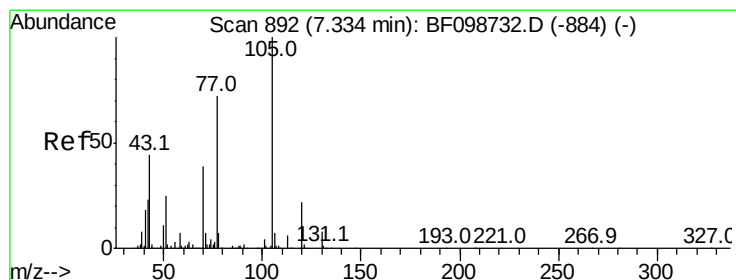
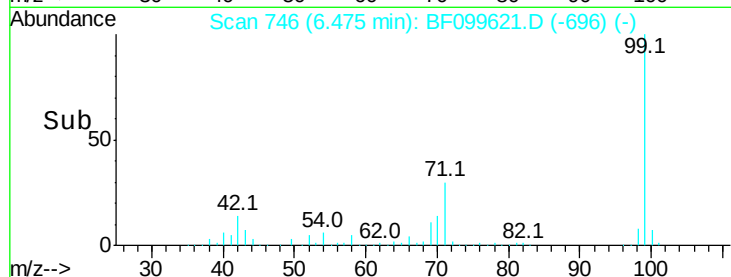
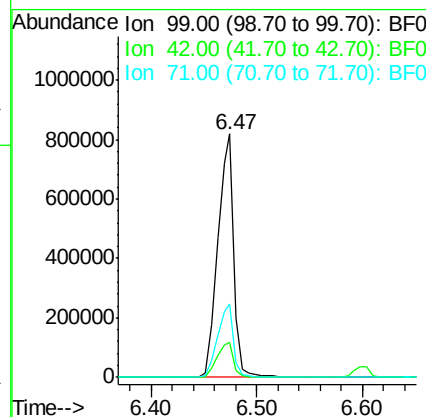
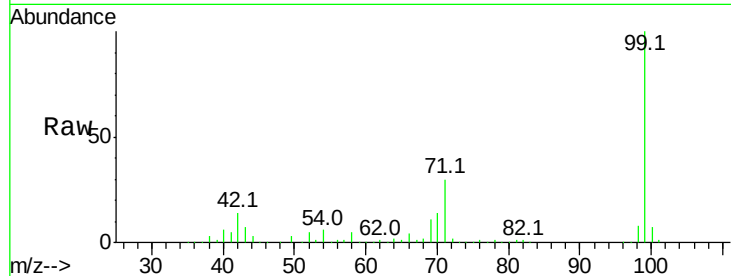
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 879912

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	30.3	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.619 ng

RT: 7.39 min Scan# 902

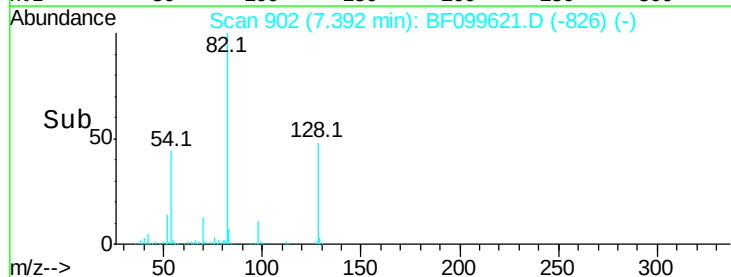
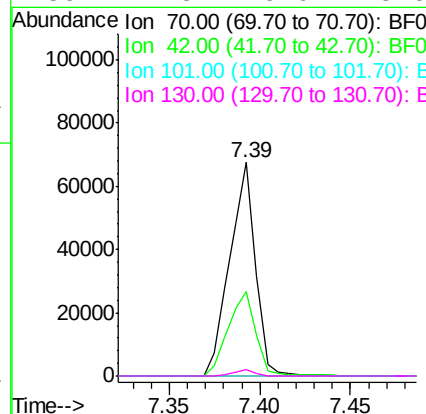
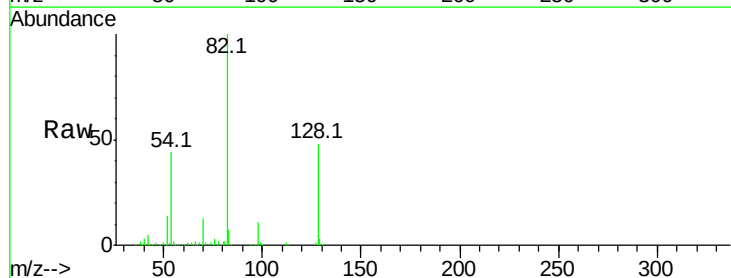
Delta R.T. 0.15 min

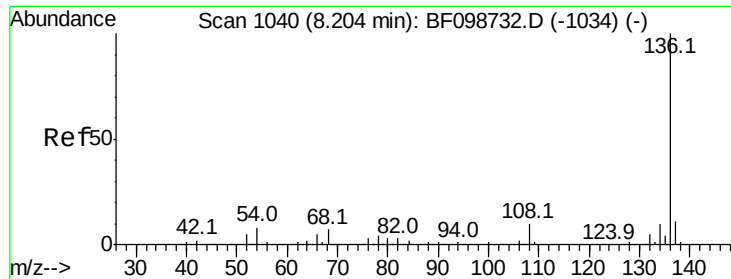
Lab File: BF099621.D

Acq: 18 Oct 2017 17:04

Tgt Ion: 70 Resp: 66711

Ion	Ratio	Lower	Upper
70	100		
42	39.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

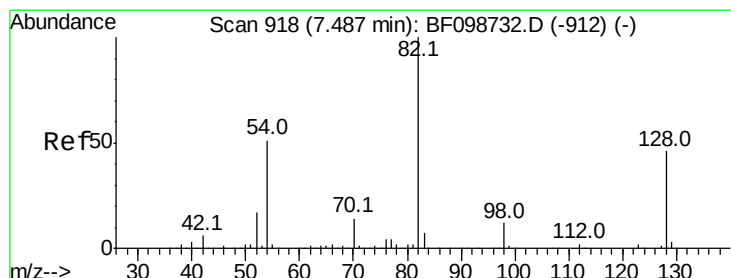
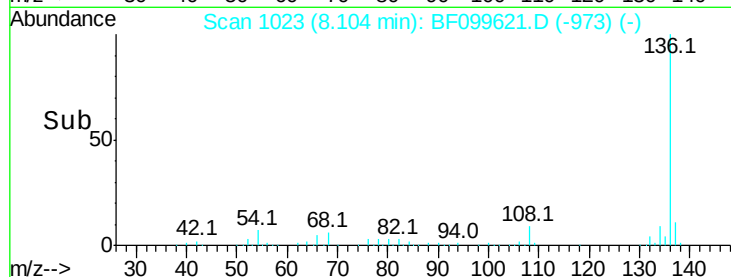
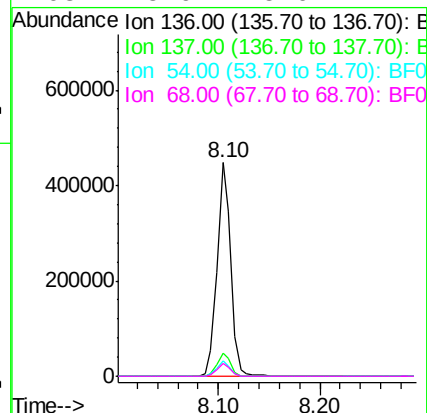
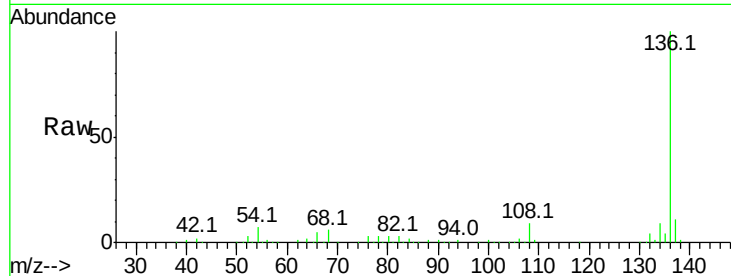




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

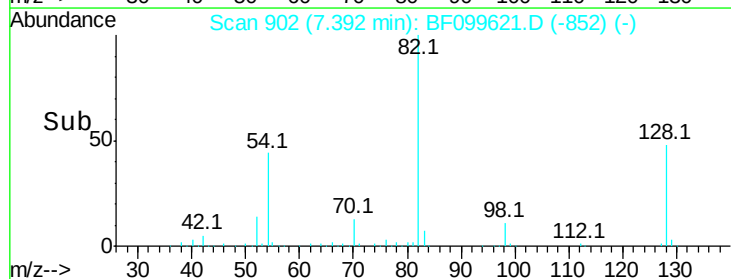
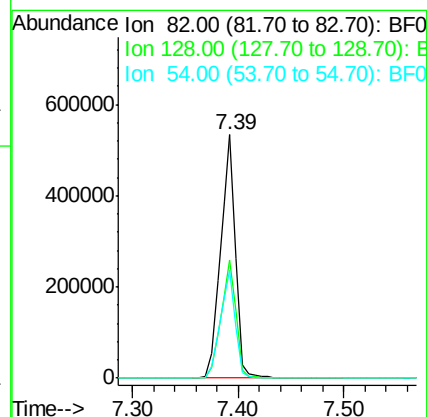
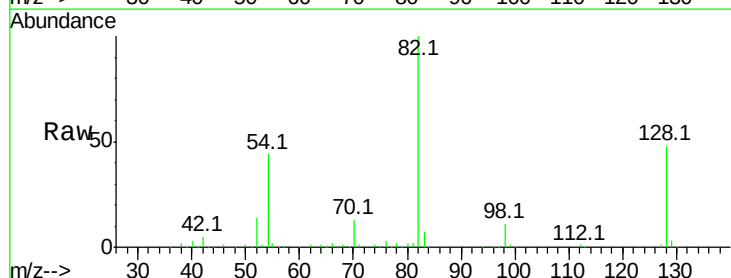
Instrument :
BNA_F
ClientSampleId :

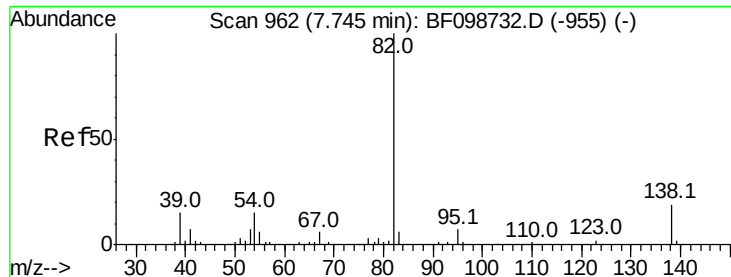
Tot Ion:	136	Resp:	419088
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.861 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Tgt Ion:	82	Resp:	534959
Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	44.3	41.4	62.2





#25

Isophorone

Concen: 39.594 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099621.D

Acq: 18 Oct 2017 17:04

Instrument :

BNA_F

ClientSampleId :

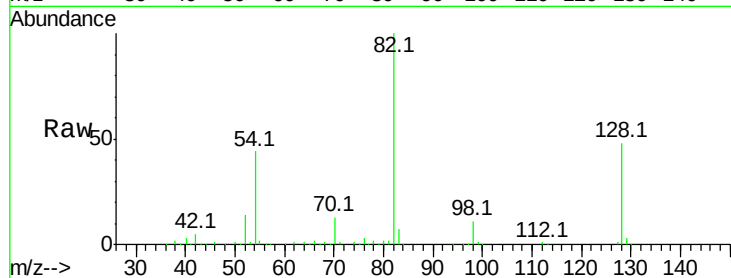
Tot Ion: 82 Resp: 534953

Ion Ratio Lower Upper

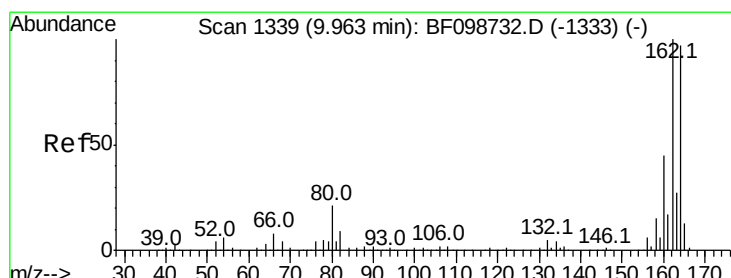
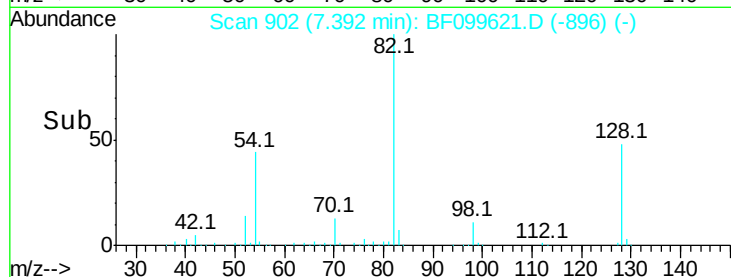
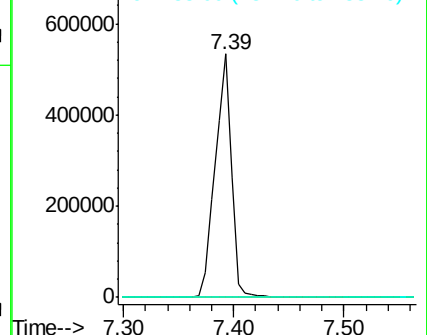
82 100

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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099621.D

Acq: 18 Oct 2017 17:04

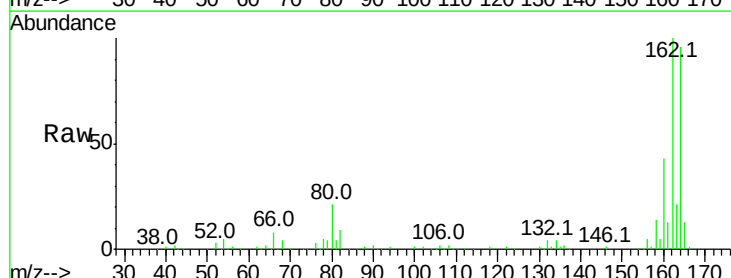
Tgt Ion:164 Resp: 196116

Ion Ratio Lower Upper

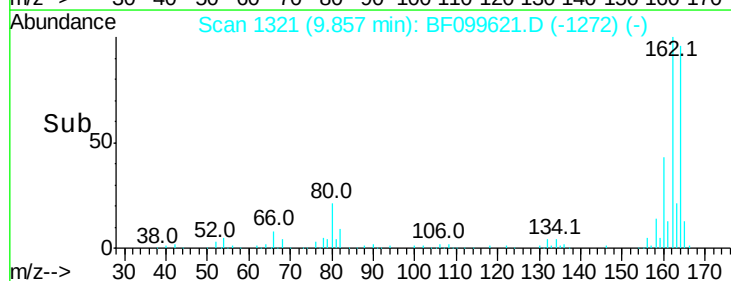
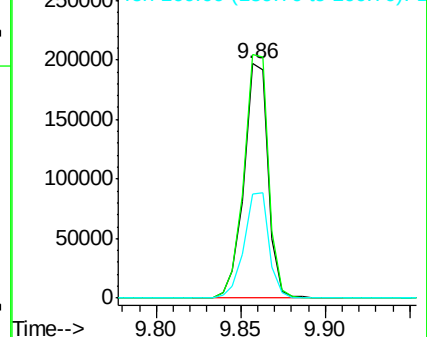
164 100

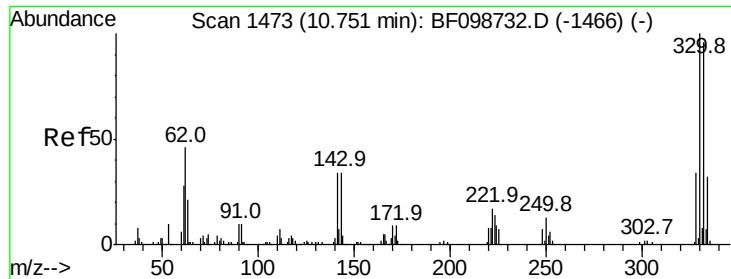
162 104.0 86.1 129.1

160 44.4 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

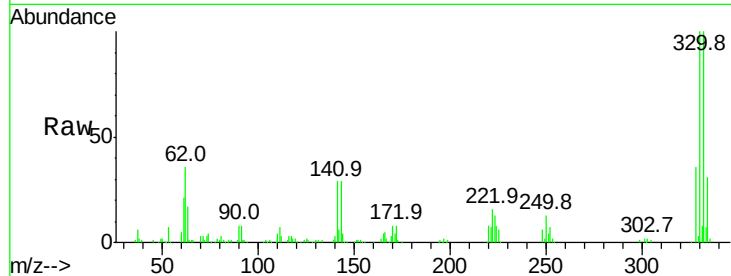




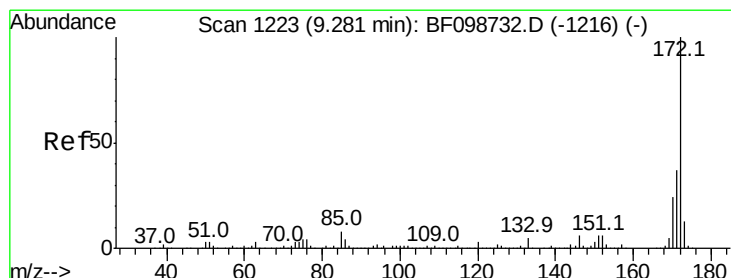
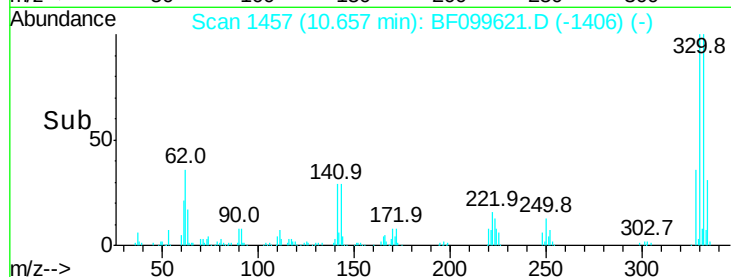
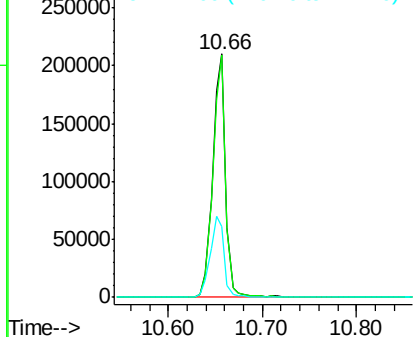
#41
 2,4,6-Tribromophenol
 Concen: 128.252 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	35.9	29.9	44.9

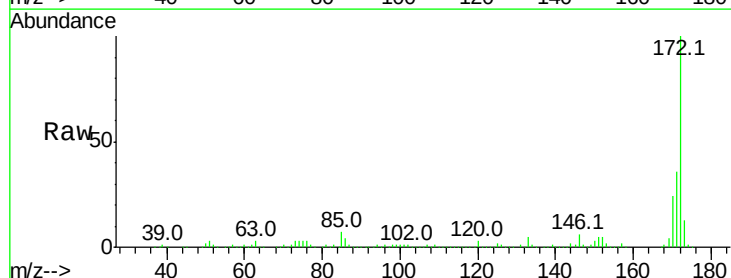


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

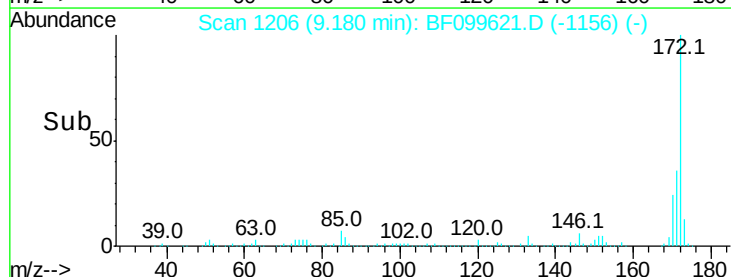
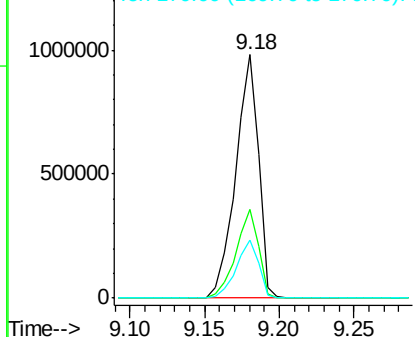


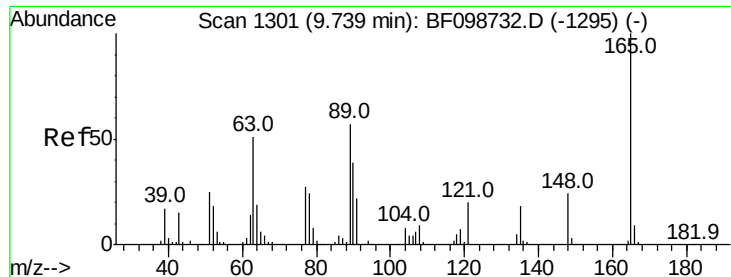
#44
 2-Fluorobiphenyl
 Concen: 89.416 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	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

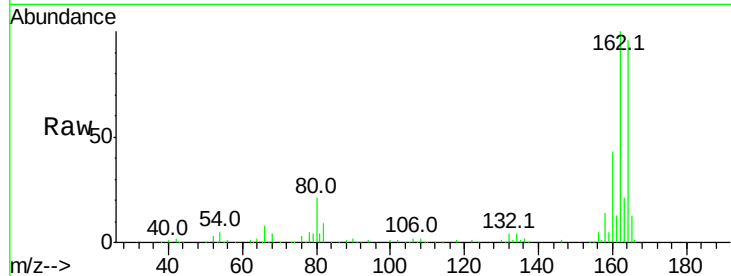




#50
 2,6-Dinitrotoluene
 Concen: 7.577 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampleId :

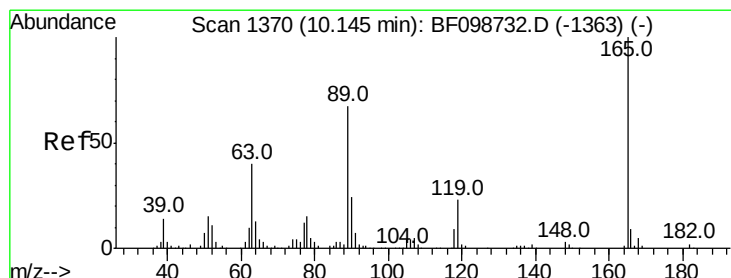
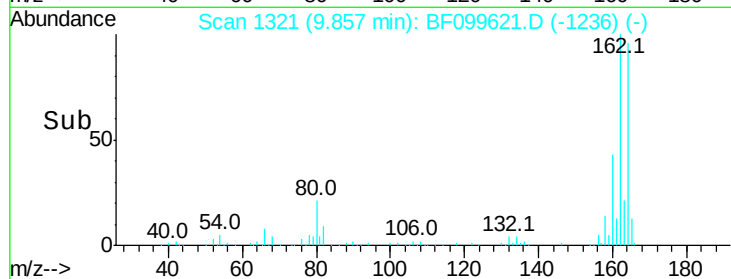
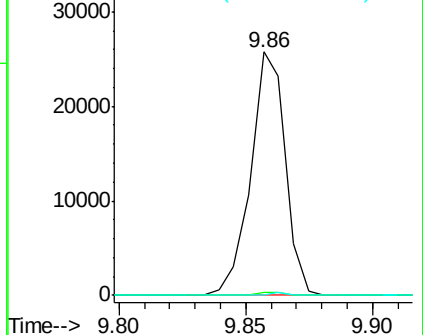
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.839 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

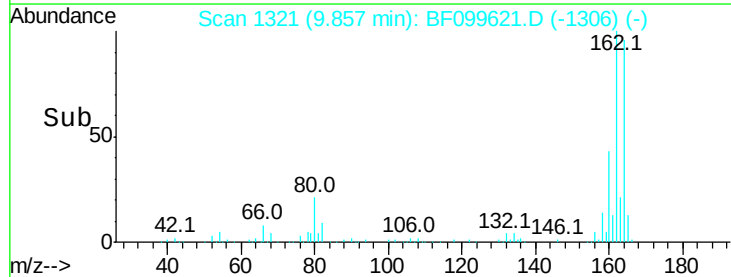
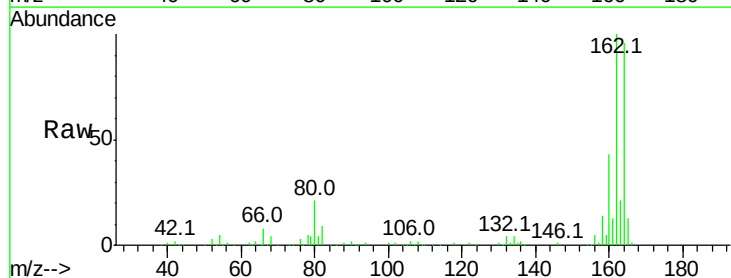
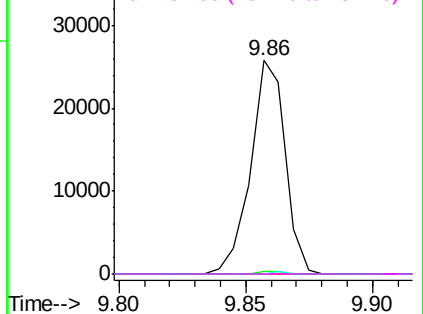
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

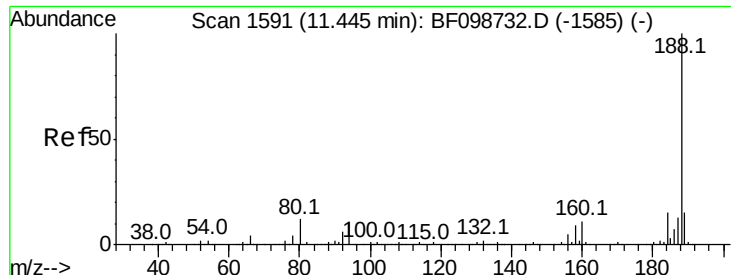
Abundance Ion 165.00 (164.70 to 165.70): E

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

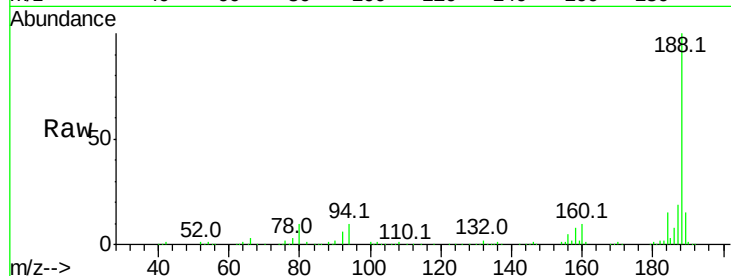




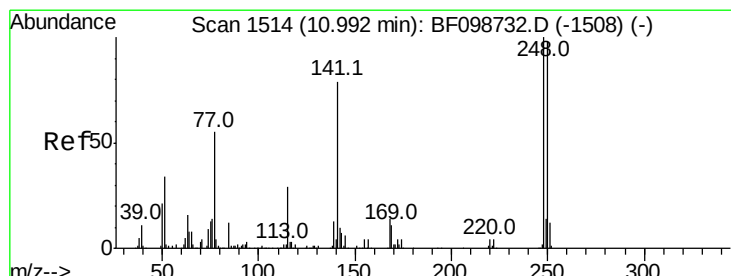
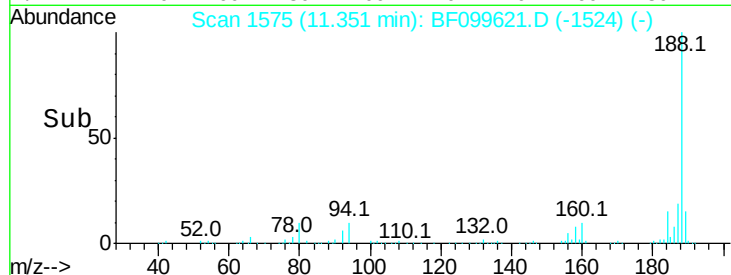
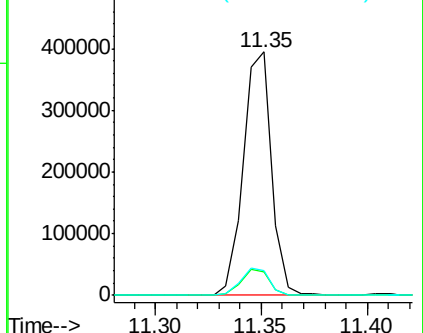
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 365112
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.0 9.2 13.8

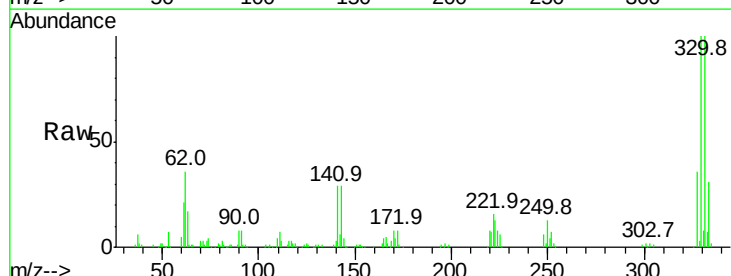


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

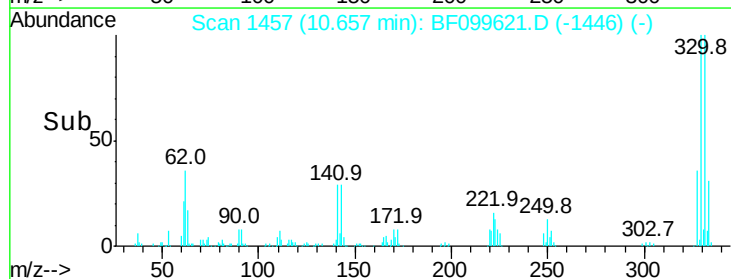
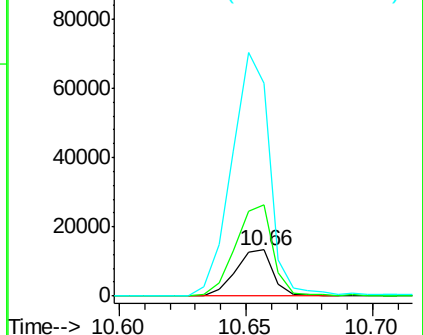


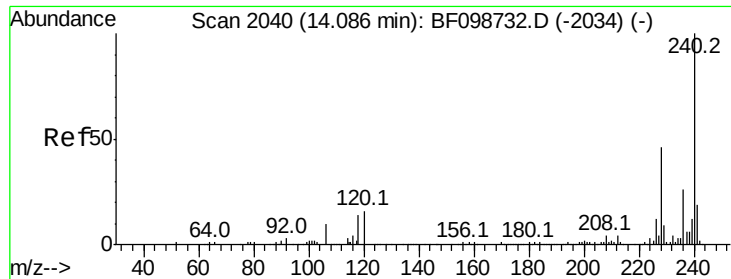
#66
 4-Bromophenyl-phenylether
 Concen: 3.802 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.23 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Tgt Ion:248 Resp: 13588
 Ion Ratio Lower Upper
 248 100
 250 197.2 76.9 115.3#
 141 459.1 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

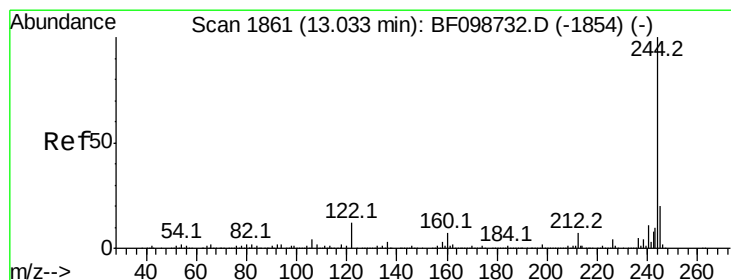
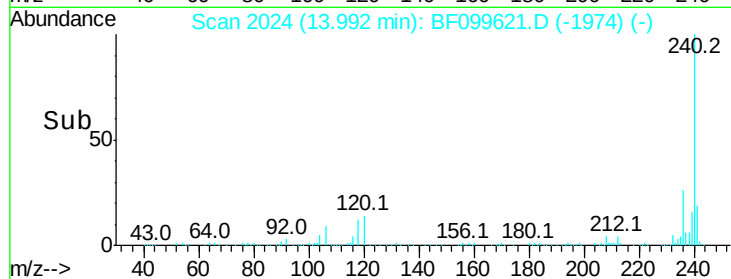
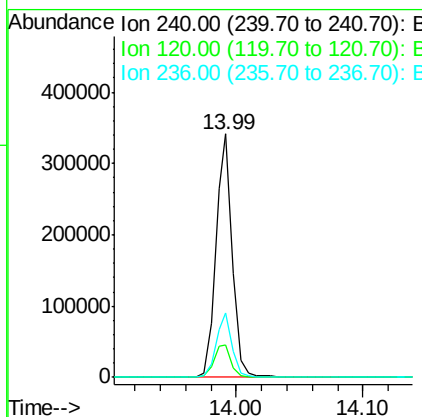
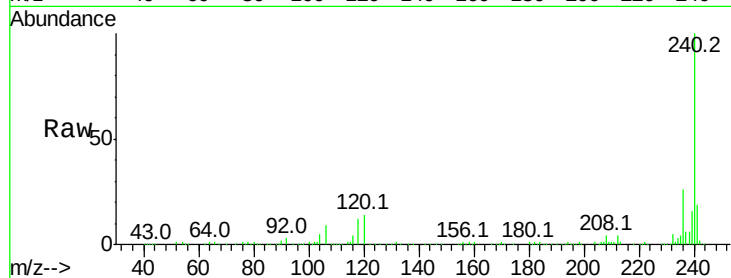




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

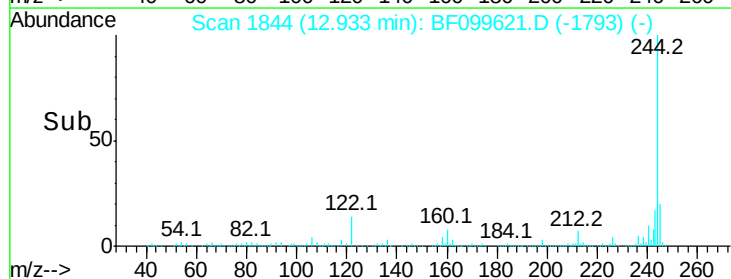
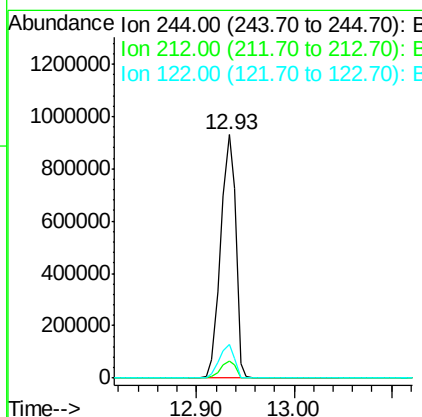
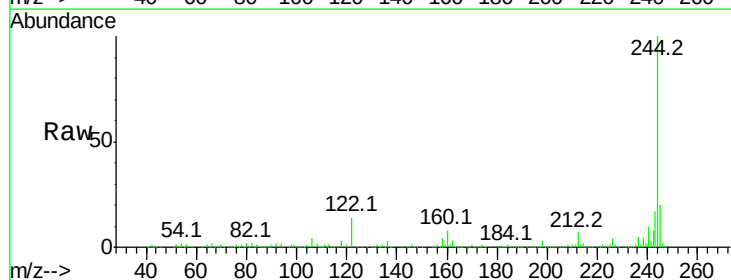
Instrument :
 BNA_F
 ClientSampleId :

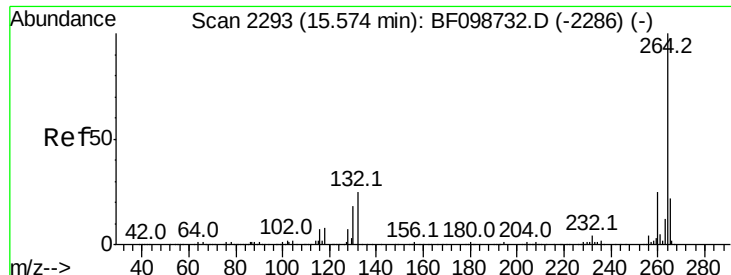
Tot Ion:240 Resp: 309308
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 73.491 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099621.D
 Acq: 18 Oct 2017 17:04

Tgt Ion:244 Resp: 999531
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.9 11.0 16.4

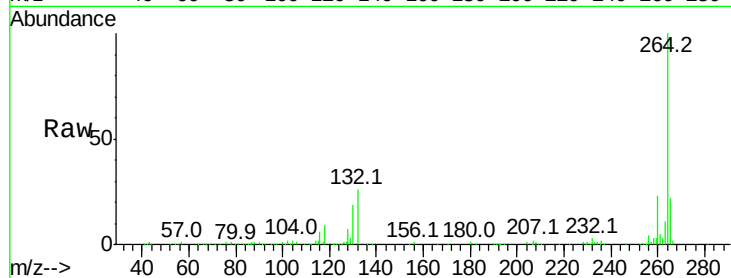




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF099621.D
Acq: 18 Oct 2017 17:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	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

