

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099714.D
 Acq On : 20 Oct 2017 21:25
 Operator : SJ/JU
 Sample : I5950-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 21:27:16 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

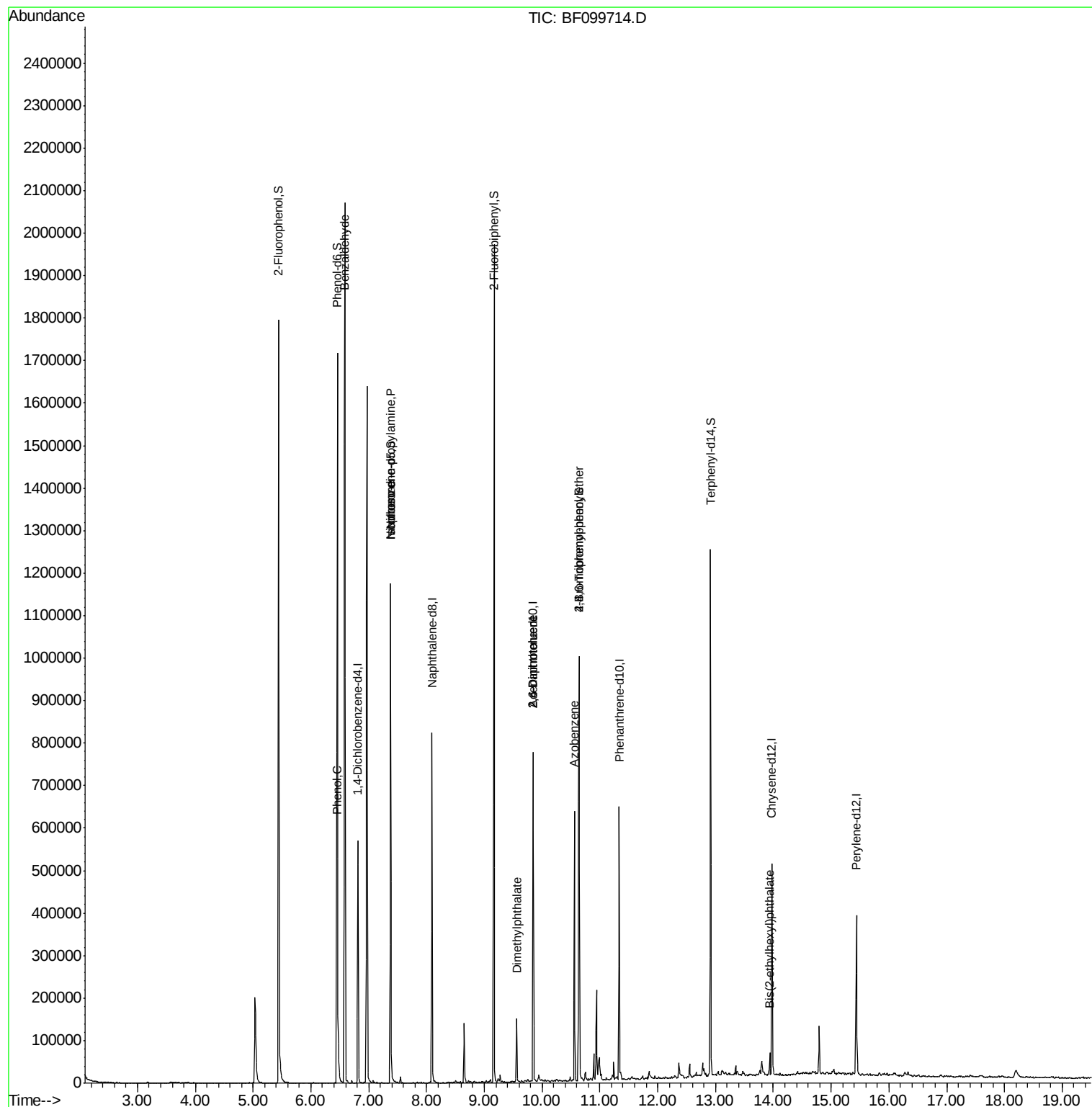
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	91696	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	369865	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	149261	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	214204	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	165277	20.00	ng	-0.01
86) Perylene-d12	15.44	264	166778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	580128	100.71	ng	0.00
7) Phenol-d6	6.46	99	677258	95.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	379803	65.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	110612	90.56	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	644119	72.04	ng	0.00
78) Terphenyl-d14	12.92	244	365913	50.35	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10398	2.523	ng	89
10) Phenol	6.47	94	23335	2.936	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	48055	10.592	ng	# 72
25) Isophorone	7.38	82	379803	31.852	ng	# 64
49) Dimethylphthalate	9.56	163	60844	5.401	ng	98
50) 2,6-Dinitrotoluene	9.85	165	18560	7.568	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	18560	5.831	ng	# 21
62) Azobenzene	10.56	77	105968	10.470	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	7158	3.414	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	17052	2.091	ng	99

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

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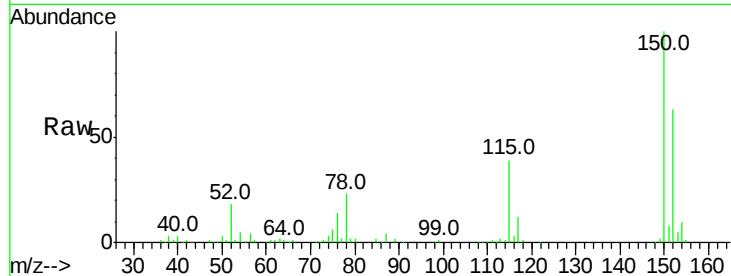


#1

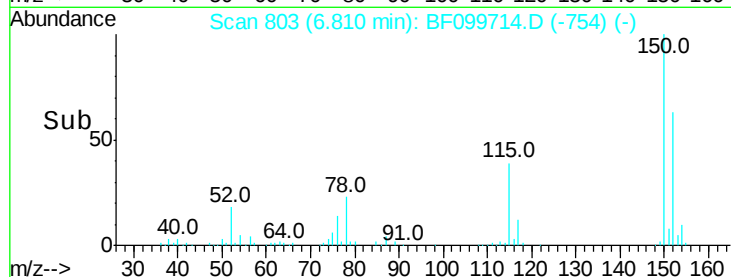
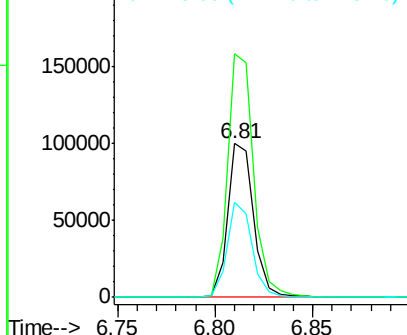
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91696
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 61.9 50.1 75.1



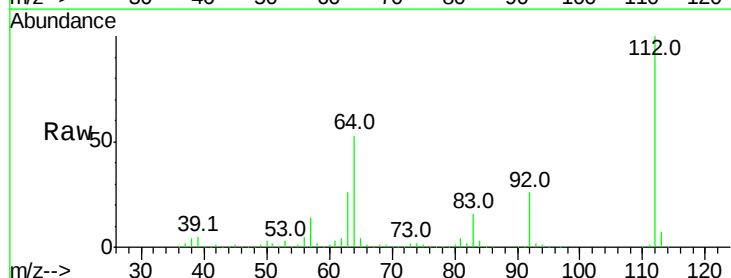
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



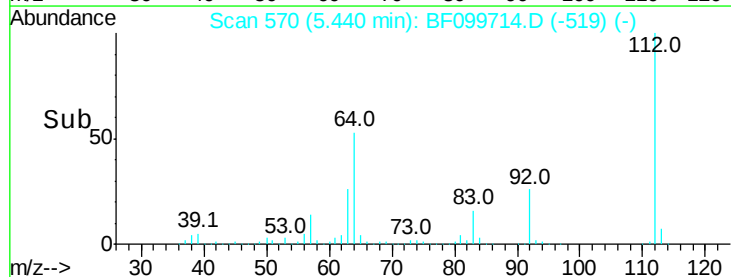
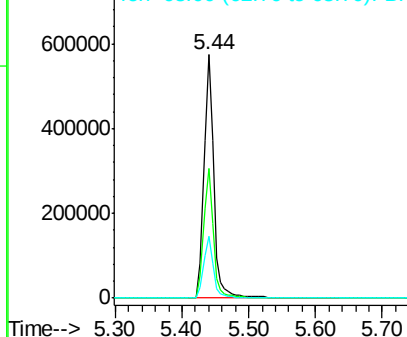
#5

2-Fluorophenol
Concen: 100.714 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Tgt Ion:112 Resp: 580128
Ion Ratio Lower Upper
112 100
64 53.0 47.9 71.9
63 25.7 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: 95.311 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampled :

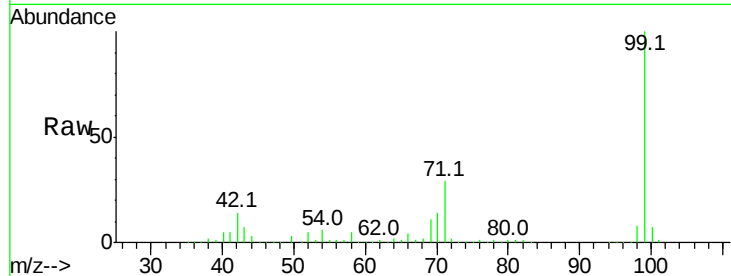
Tot Ion: 99 Resp: 677258

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

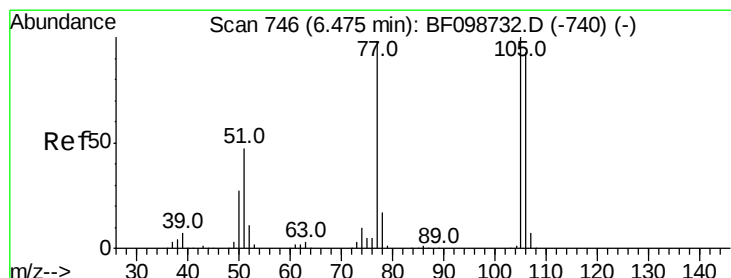
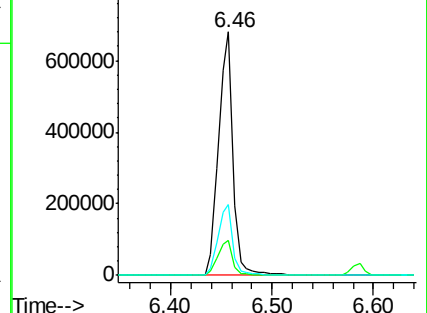
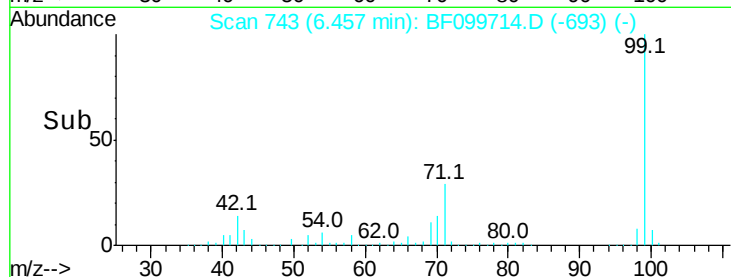
71 29.2 25.4 38.0



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: 2.523 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

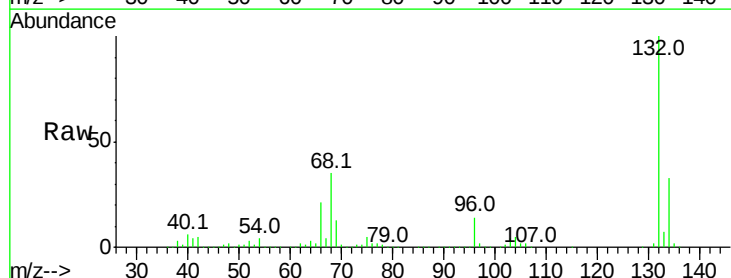
Tgt Ion: 77 Resp: 10398

Ion Ratio Lower Upper

77 100

105 89.9 81.1 121.1

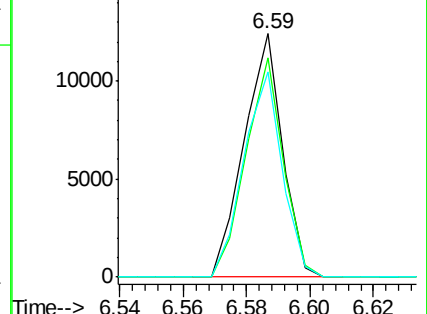
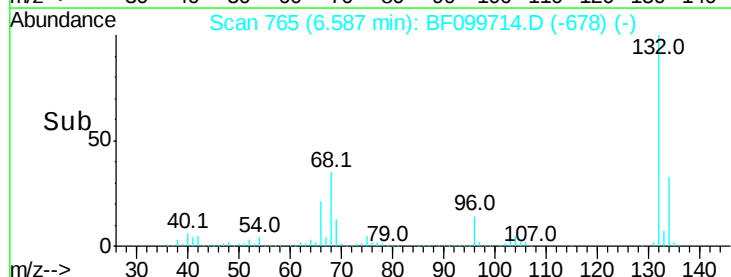
106 84.2 74.5 114.5

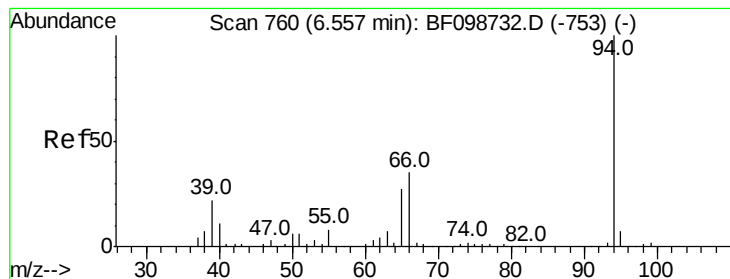


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.936 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

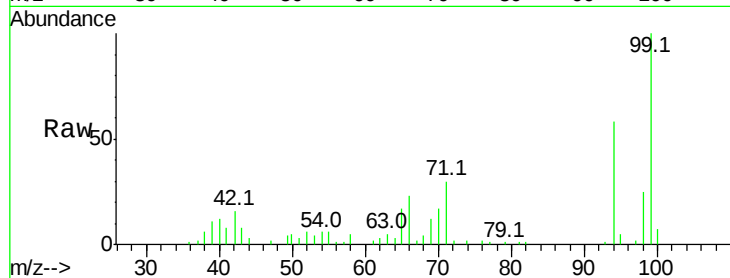
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 23335

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	39.6	16.2	56.2

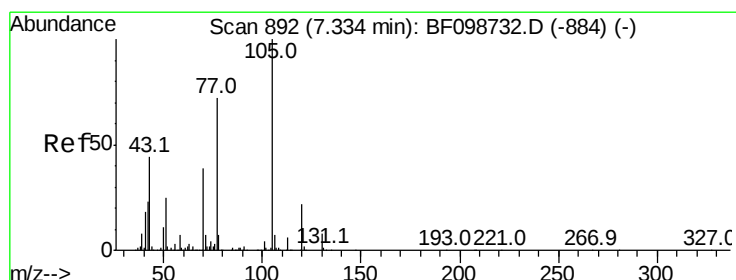
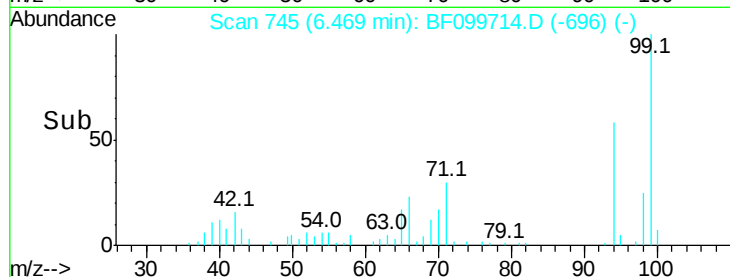
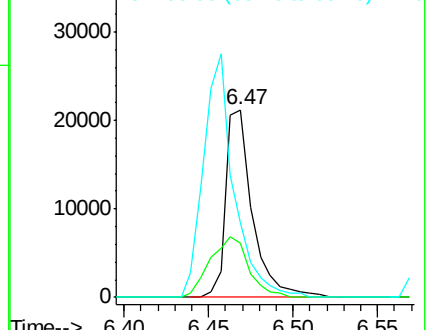


Abundance

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: 10.592 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Tgt Ion: 70 Resp: 48055

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

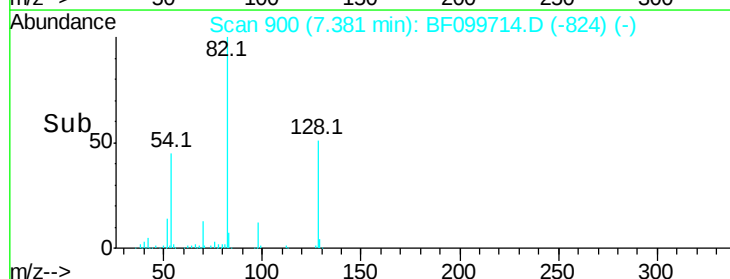
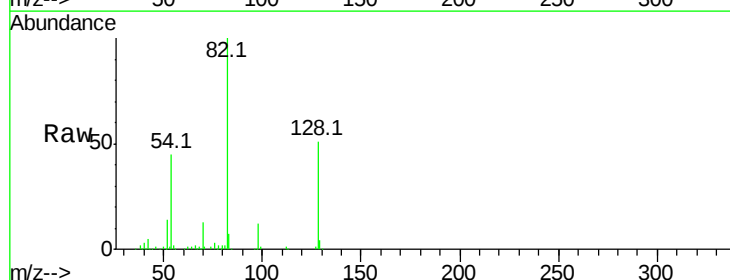
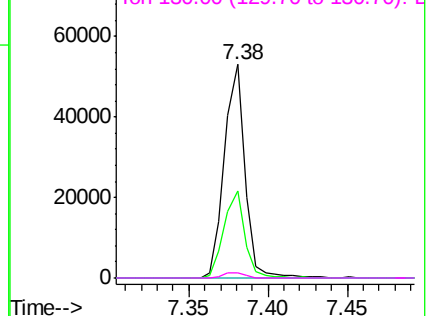
Abundance

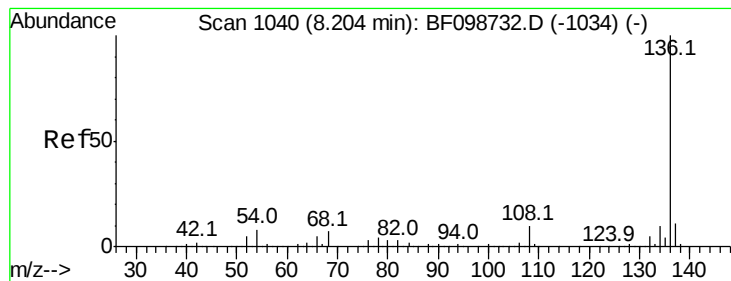
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 369865

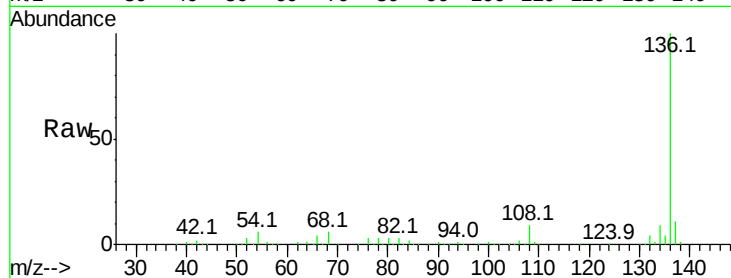
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.5 6.6 9.8#

68 5.9 5.0 7.4

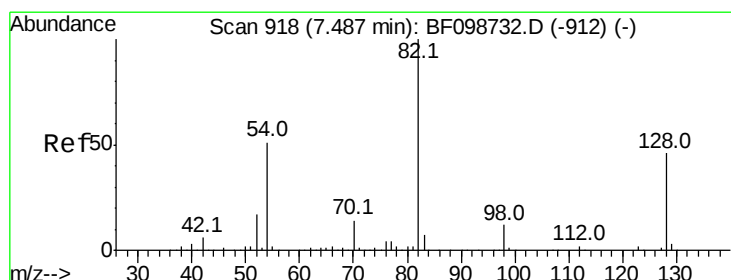
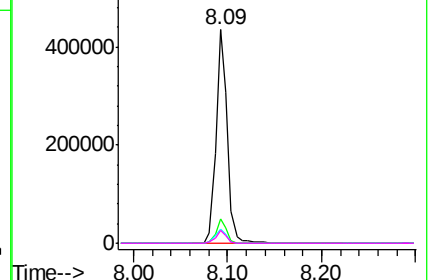
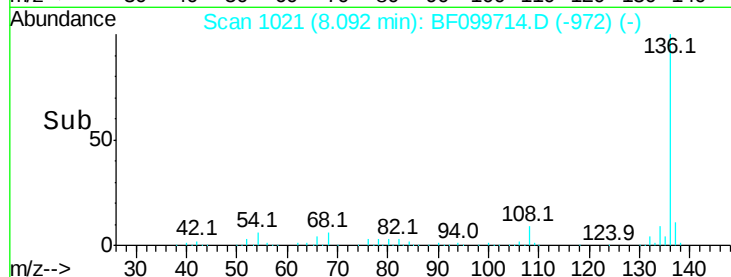


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 65.853 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

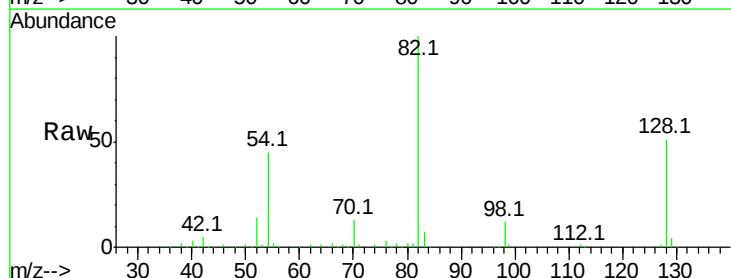
Tgt Ion: 82 Resp: 379803

Ion Ratio Lower Upper

82 100

128 50.8 36.1 54.1

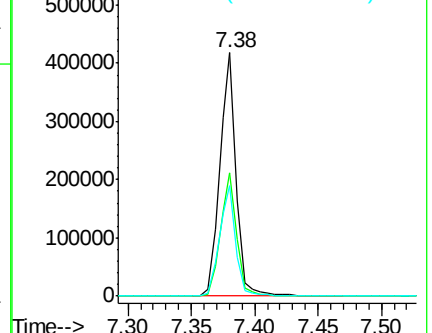
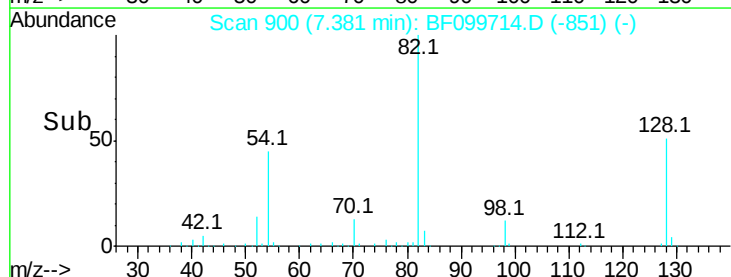
54 45.2 41.4 62.2

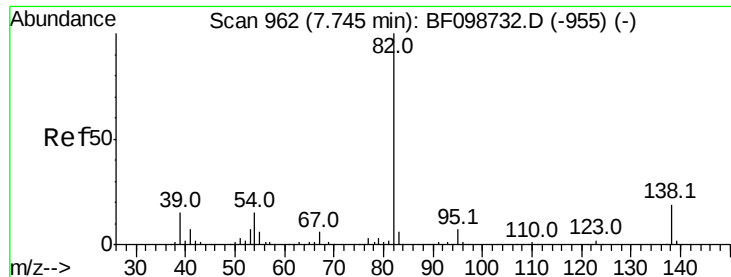


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.852 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

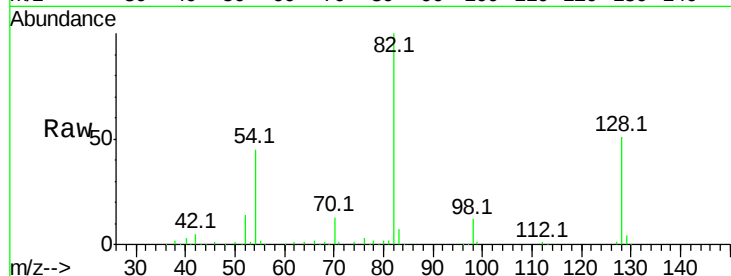
Tot Ion: 82 Resp: 379803

Ion Ratio Lower Upper

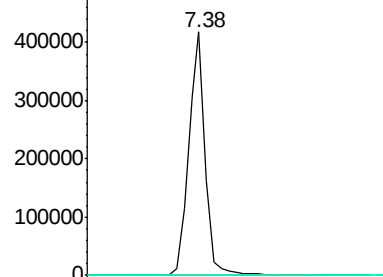
82 100

95 0.0 5.2 7.8#

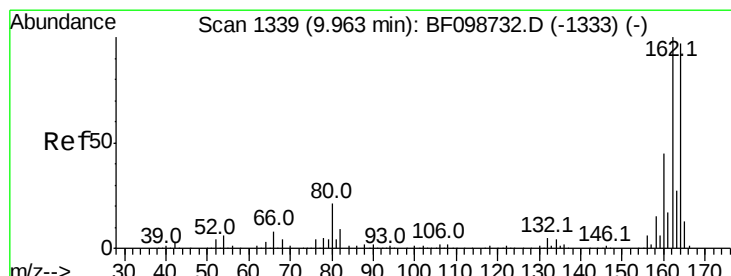
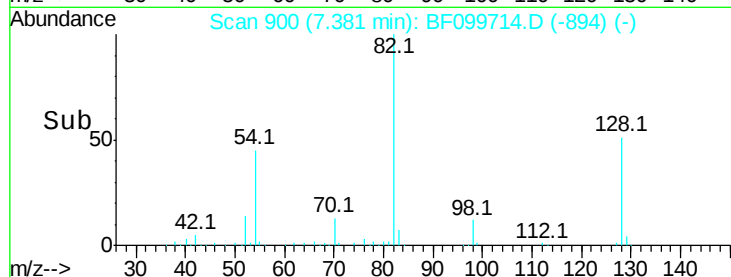
138 0.0 14.9 22.3#



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): E



Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

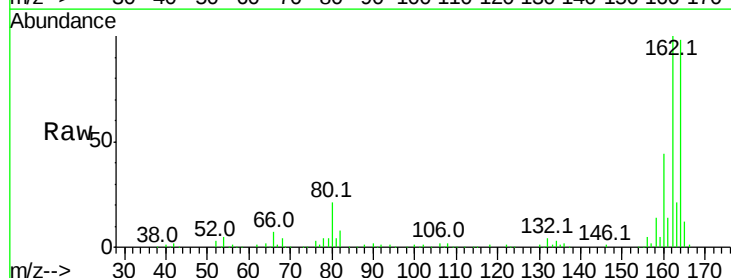
Tgt Ion:164 Resp: 149261

Ion Ratio Lower Upper

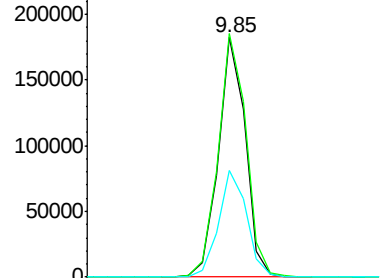
164 100

162 101.7 86.1 129.1

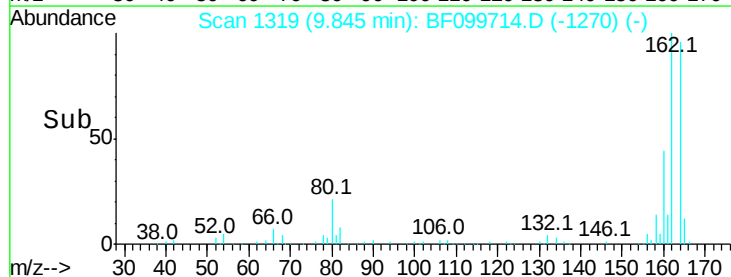
160 44.4 38.3 57.5

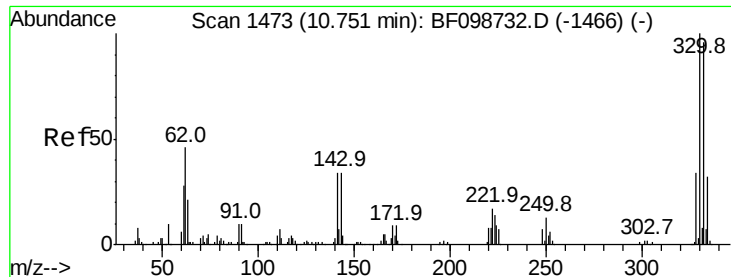


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->

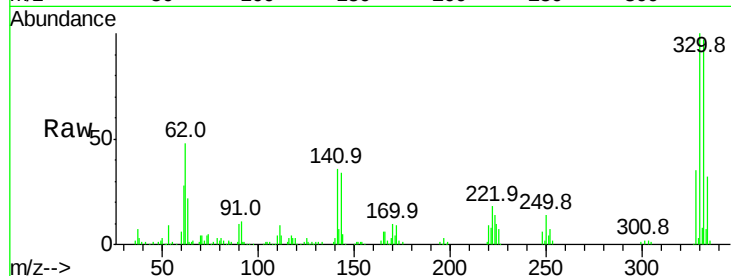




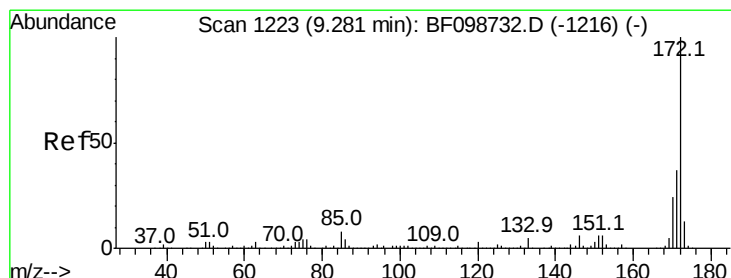
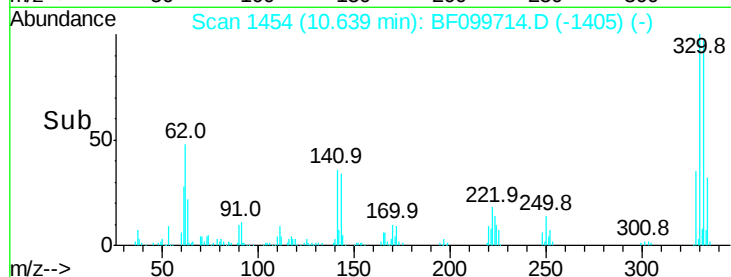
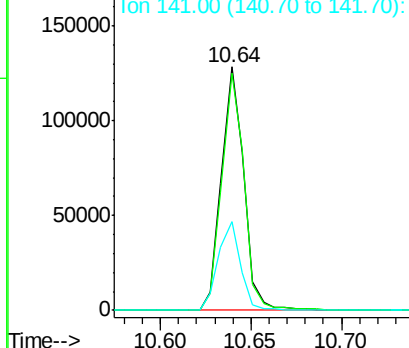
#41
 2,4,6-Tribromophenol
 Concen: 90.565 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	36.9	29.9	44.9

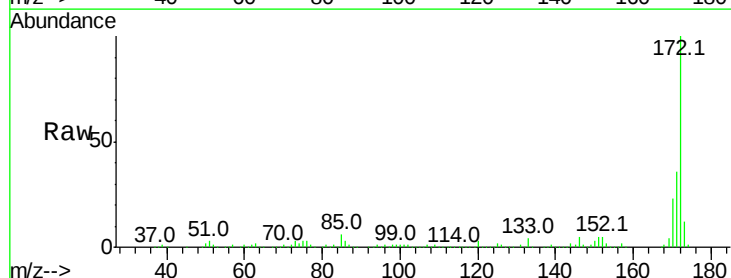


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

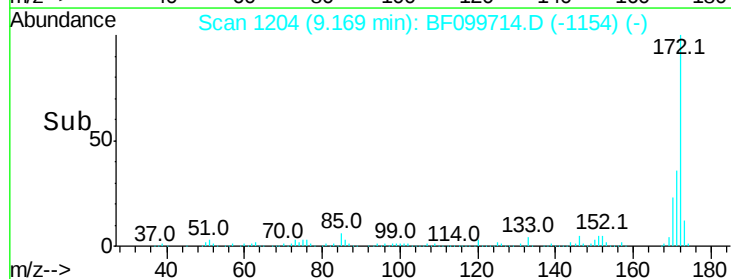
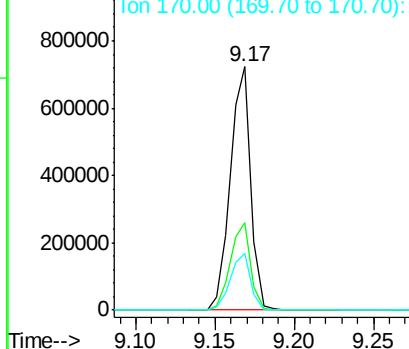


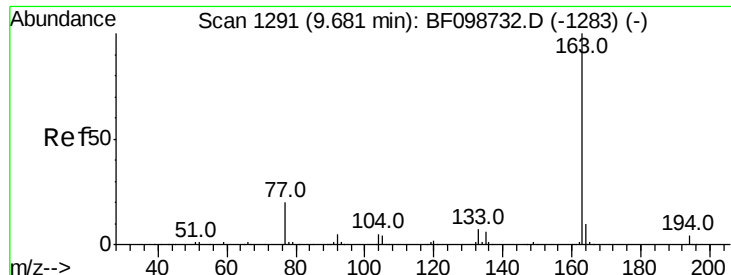
#44
 2-Fluorobiphenyl
 Concen: 72.042 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.2	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

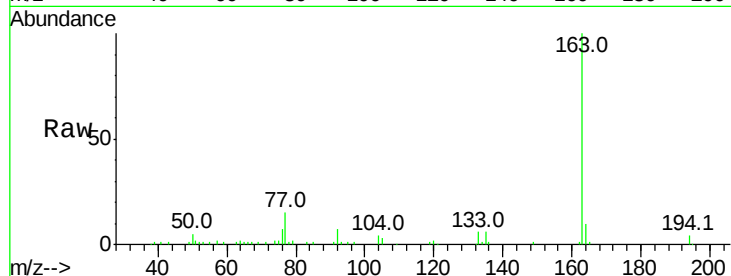




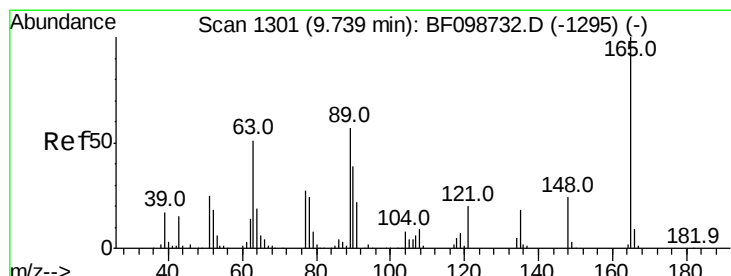
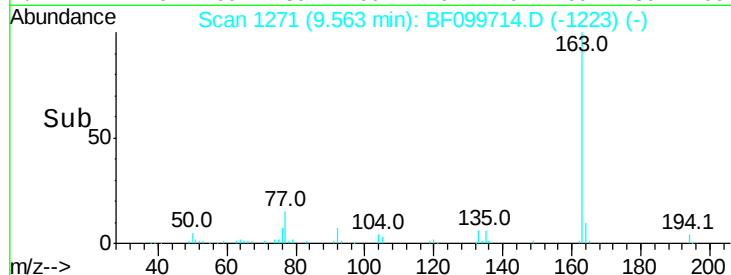
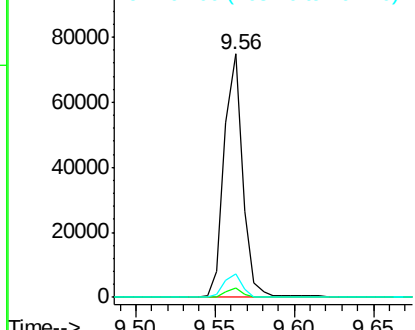
#49
Dimethylphthalate
Concen: 5.401 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 60844
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.6 8.2 12.2

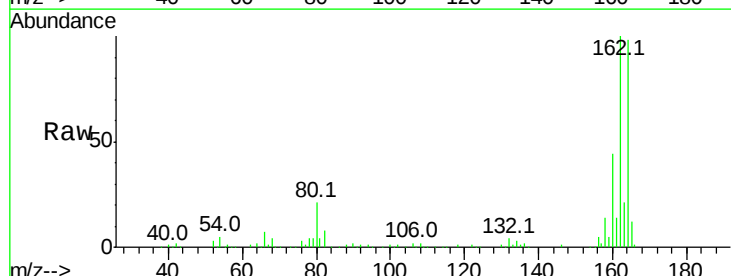


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

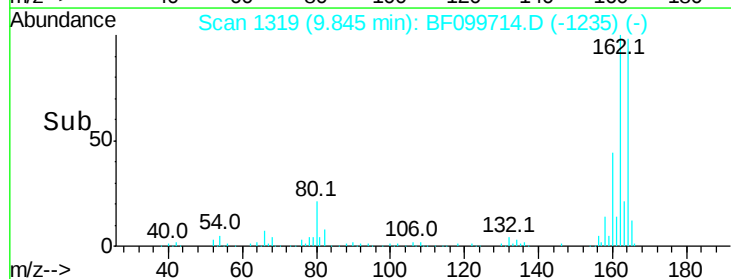
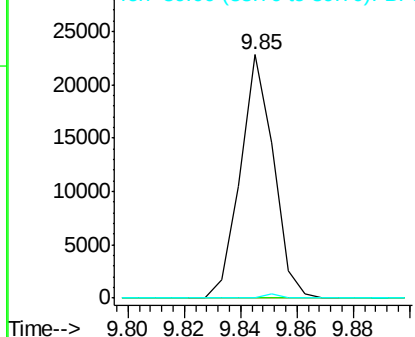


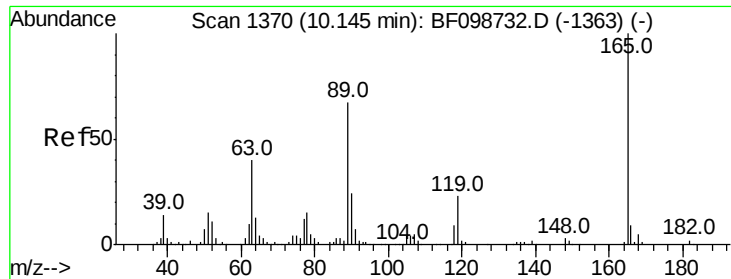
#50
2,6-Dinitrotoluene
Concen: 7.568 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.19 min
Lab File: BF099714.D
Acq: 20 Oct 2017 21:25

Tgt Ion:165 Resp: 18560
Ion Ratio Lower Upper
165 100
63 0.0 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

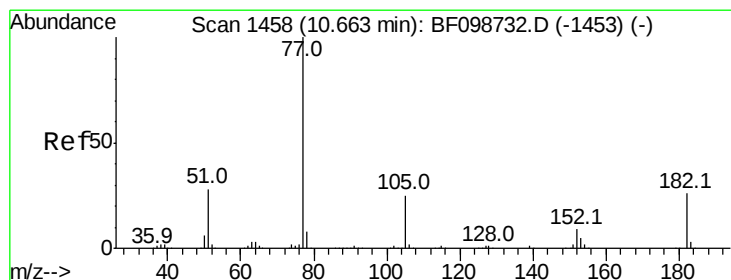
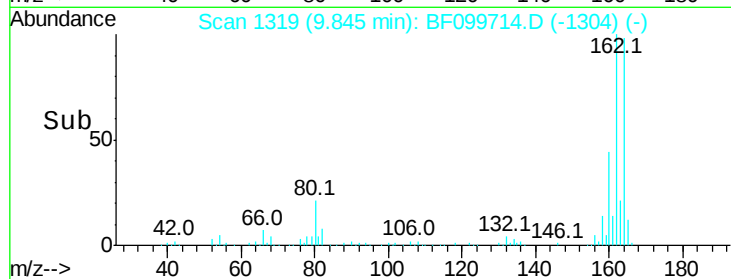
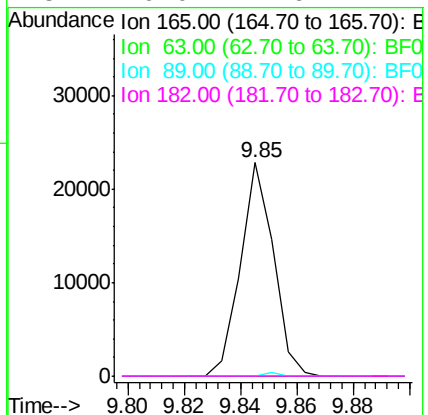
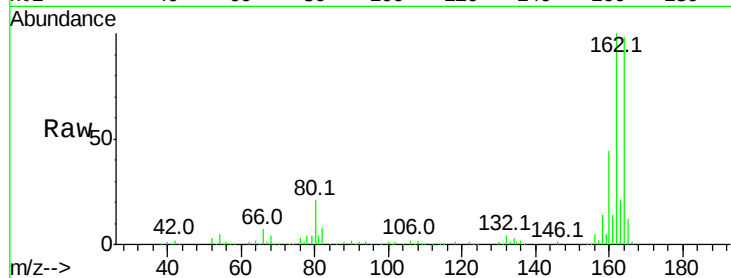




#56
 2,4-Dinitrotoluene
 Concen: 5.831 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

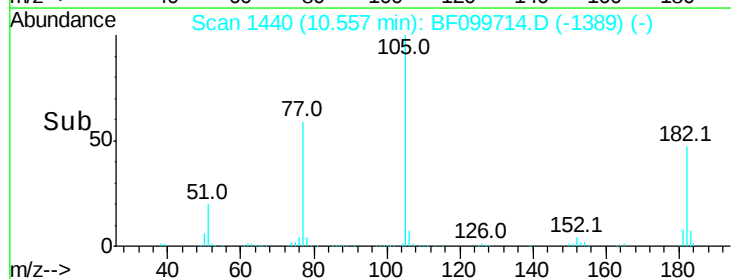
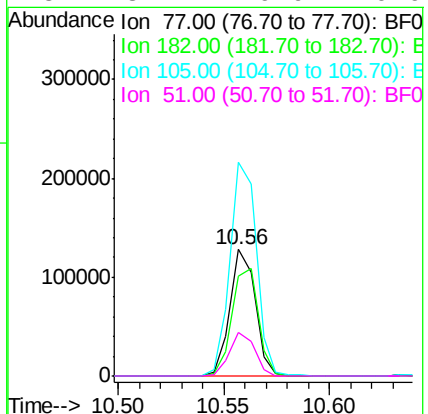
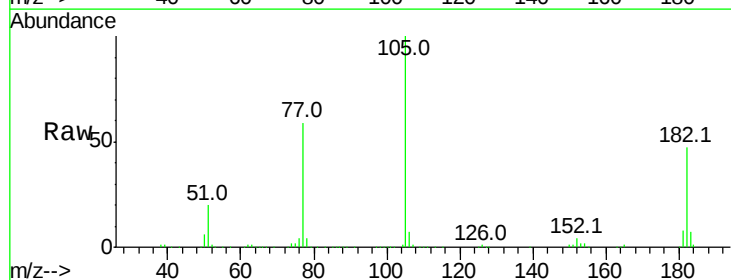
Instrument :
 BNA_F
 ClientSampleId :

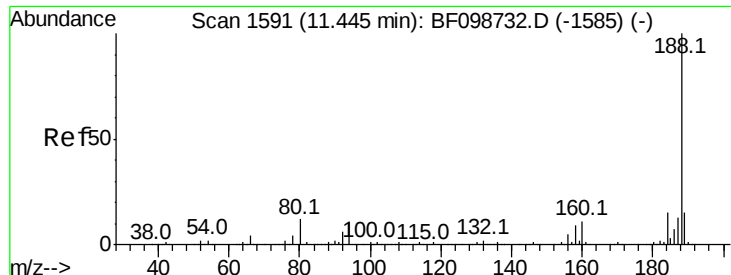
Tot Ion:	165	Resp:	18560
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 10.470 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Tgt Ion:	77	Resp:	105968
Ion	Ratio	Lower	Upper
77	100		
182	79.3	1.7	41.7#
105	169.2	3.0	43.0#
51	34.2	9.9	49.9

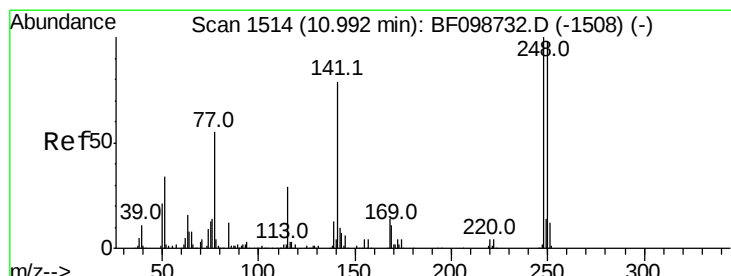
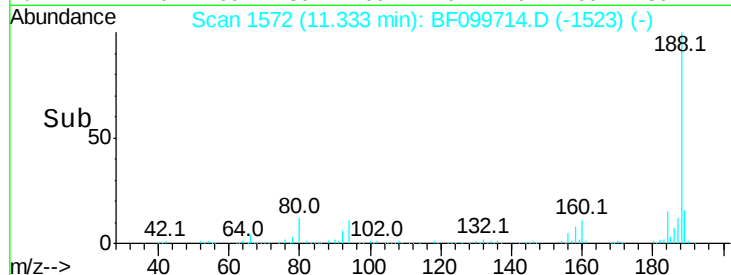
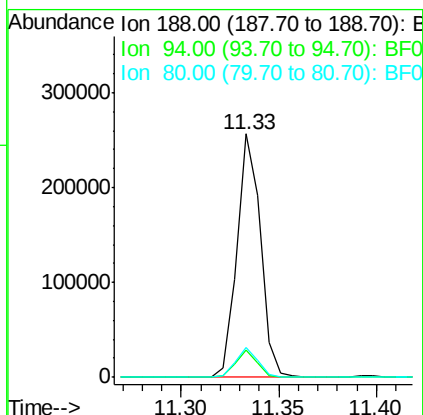
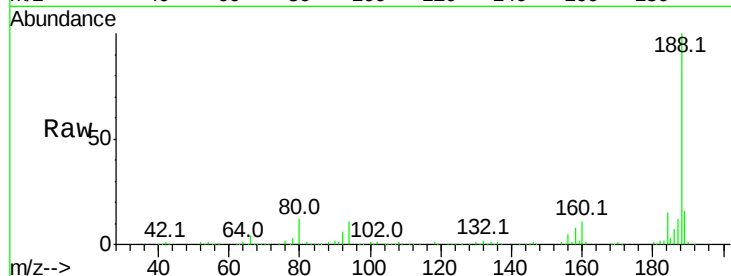




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

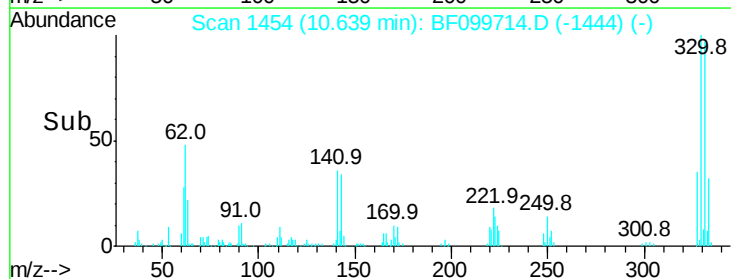
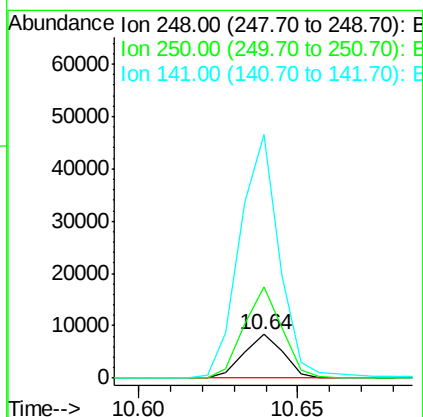
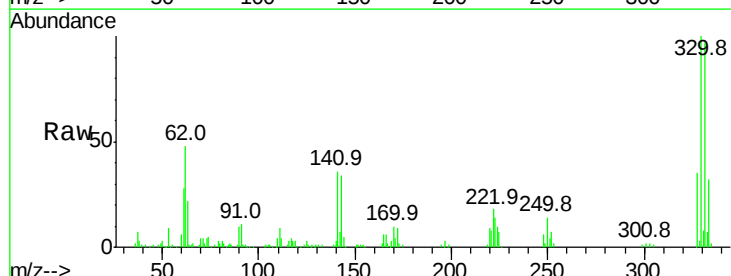
Instrument :
 BNA_F
 ClientSampleId :

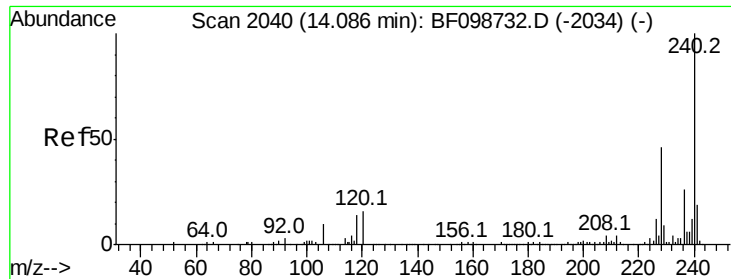
Tot Ion:188 Resp: 214204
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 12.1 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.414 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Tgt Ion:248 Resp: 7158
 Ion Ratio Lower Upper
 248 100
 250 209.3 76.9 115.3#
 141 558.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

Instrument :

BNA_F

ClientSampleId :

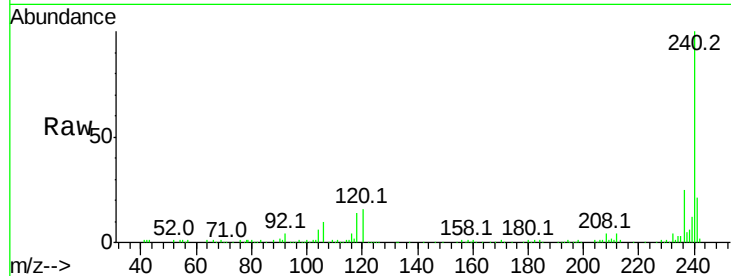
Tot Ion:240 Resp: 165277

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

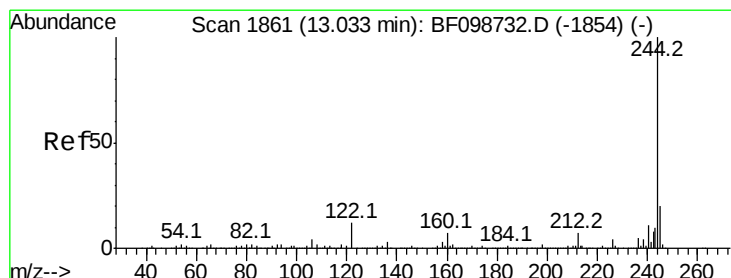
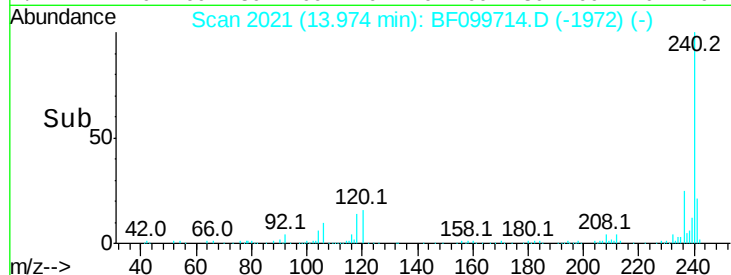
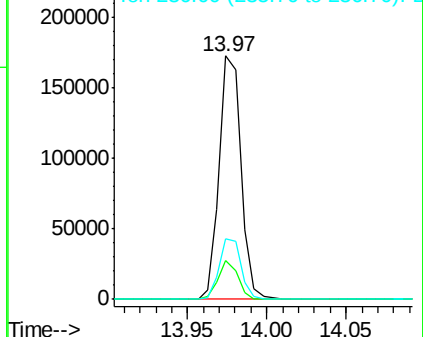
236 25.1 20.7 31.1



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: 50.349 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099714.D

Acq: 20 Oct 2017 21:25

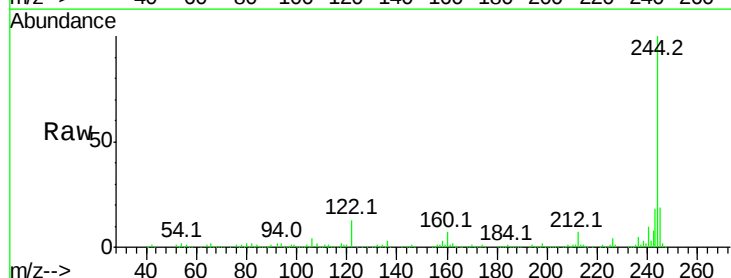
Tgt Ion:244 Resp: 365913

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

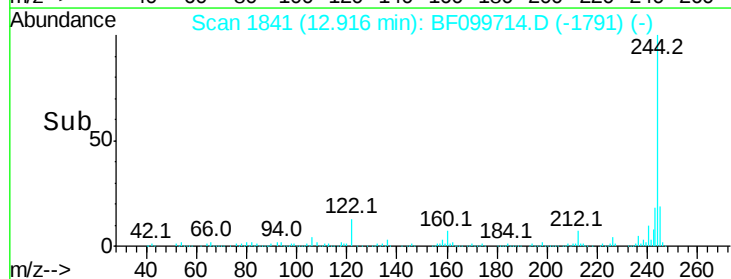
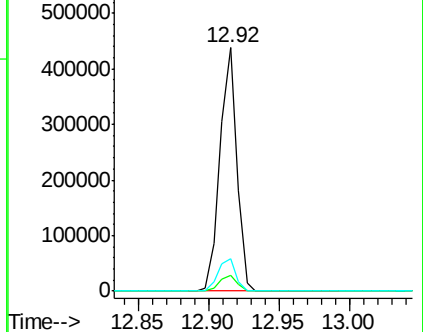
122 13.4 11.0 16.4

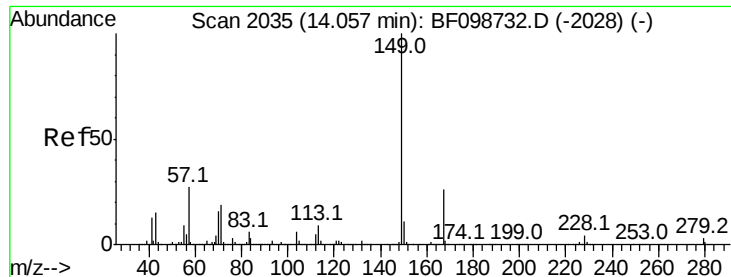


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

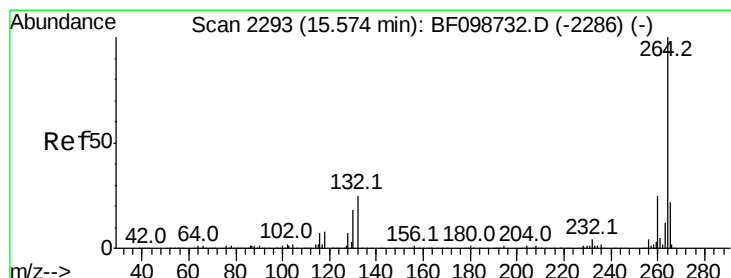
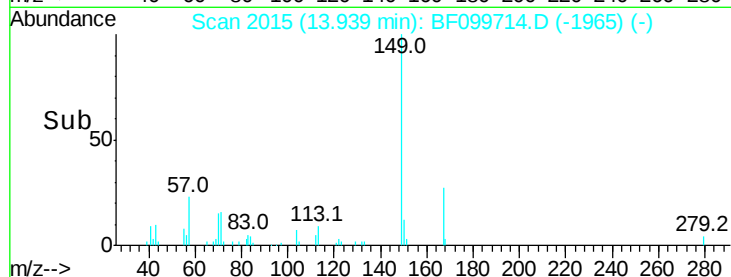
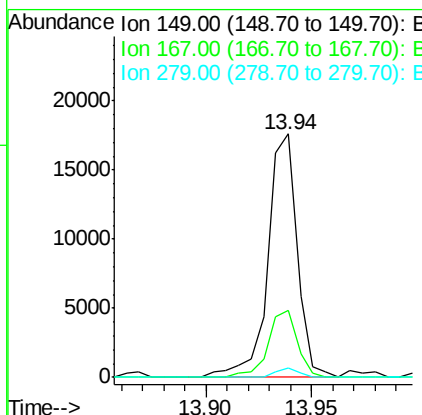
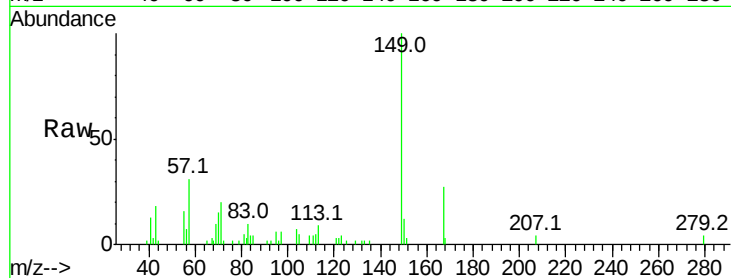




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.091 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.7	3.0	4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099714.D
 Acq: 20 Oct 2017 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3

