

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099697.D
 Acq On : 20 Oct 2017 13:34
 Operator : SJ/JU
 Sample : I5922-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 17:55:22 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

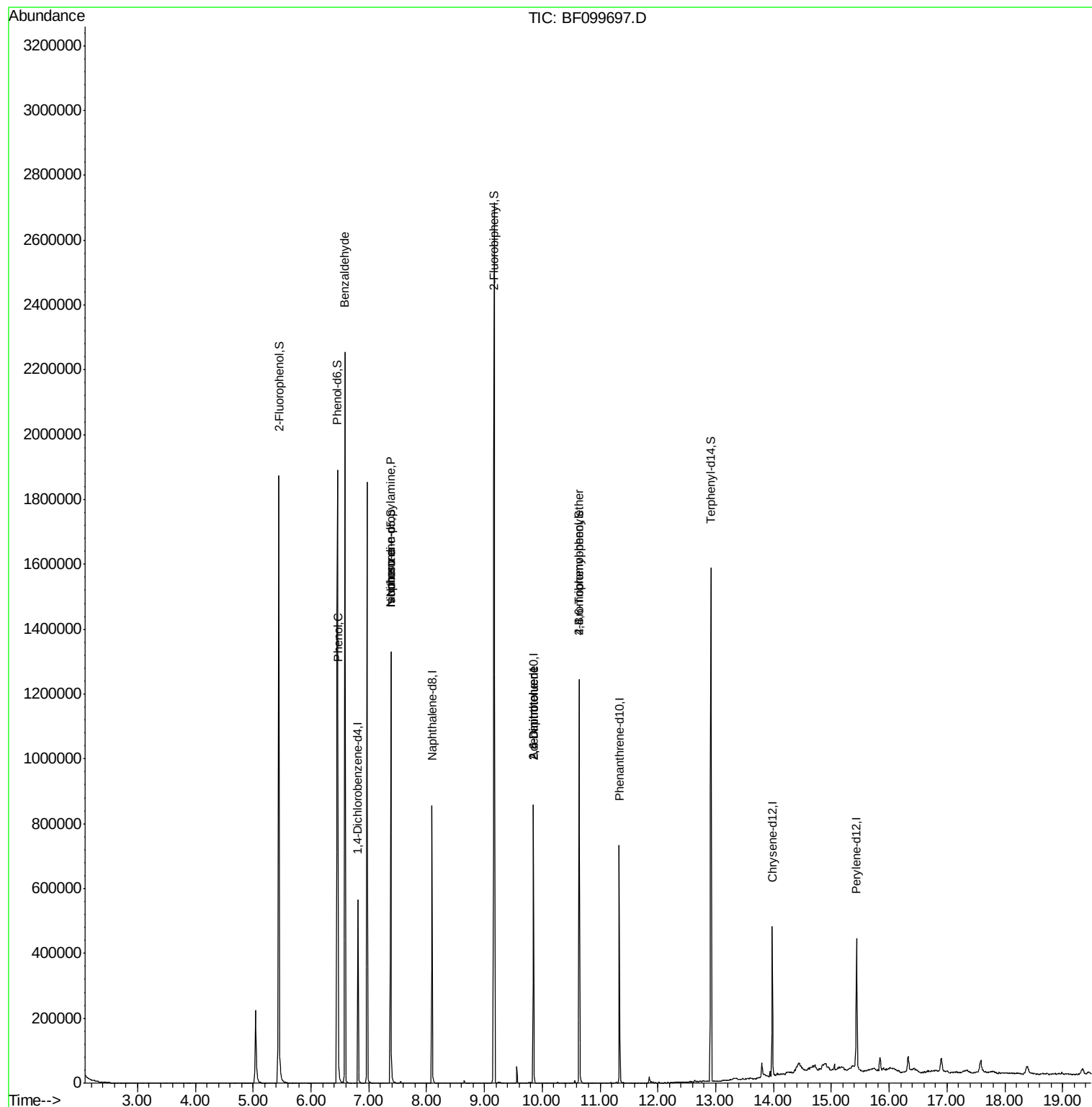
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	94495	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	389313	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	168411	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	251470	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	154882	20.00	ng	0.00
86) Perylene-d12	15.44	264	169083	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	645613	108.76	ng	0.00
7) Phenol-d6	6.46	99	774985	105.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	454596	74.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	144774	105.06	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	871093	86.35	ng	0.00
78) Terphenyl-d14	12.92	244	492922	72.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	12093	2.847	ng	89
10) Phenol	6.47	94	41611	5.081	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	56990	12.190	ng	# 72
25) Isophorone	7.38	82	454596	36.219	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	21504	7.771	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	21504	5.988	ng	# 22
66) 4-Bromophenyl-phenylether	10.64	248	9748	3.960	ng	# 1

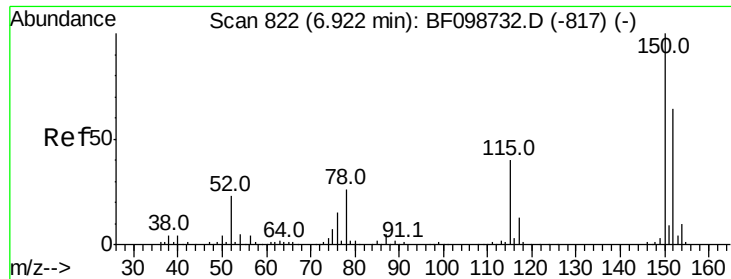
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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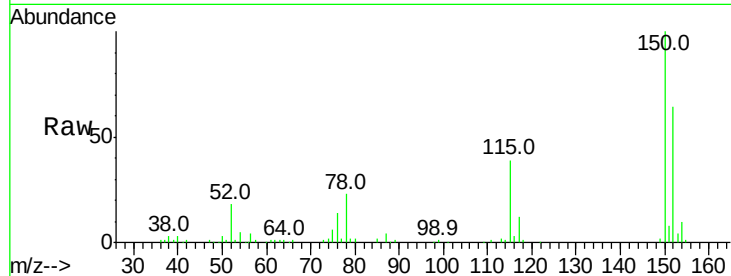


#1

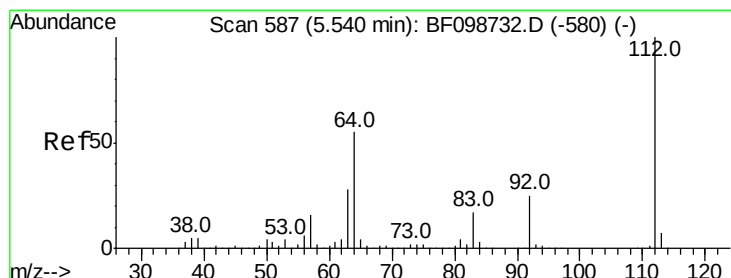
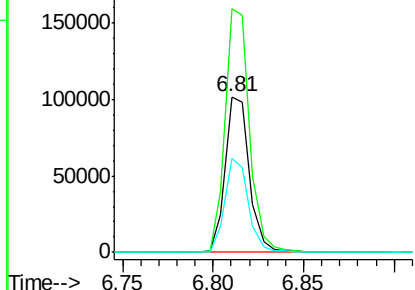
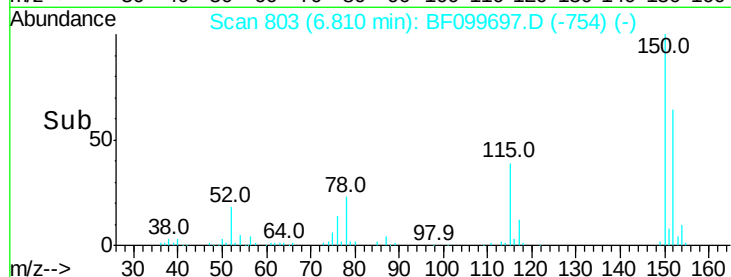
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099697.D
Acq: 20 Oct 2017 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94495
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 60.8 50.1 75.1



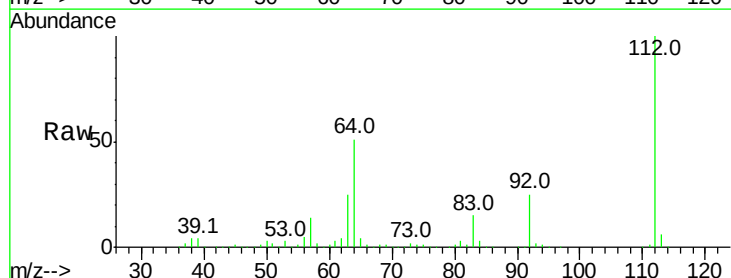
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



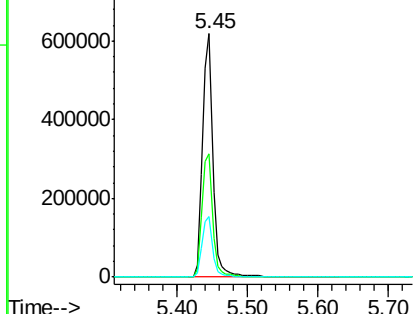
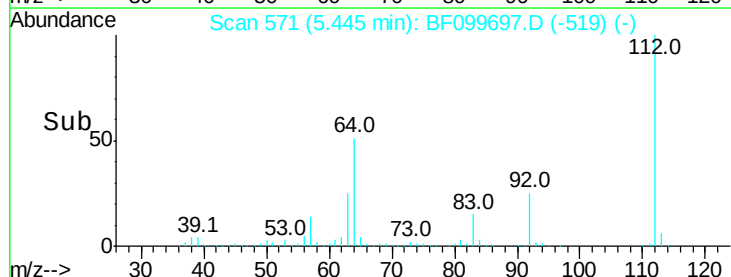
#5

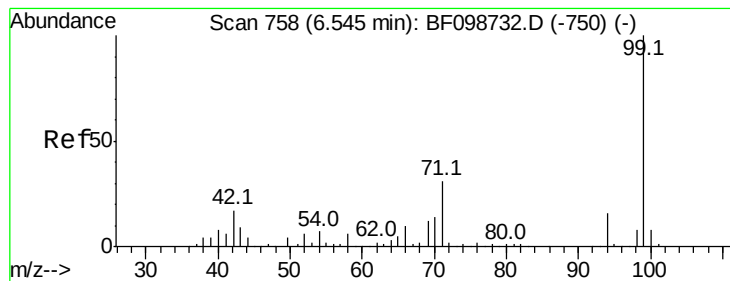
2-Fluorophenol
Concen: 108.763 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099697.D
Acq: 20 Oct 2017 13:34

Tgt Ion:112 Resp: 645613
Ion Ratio Lower Upper
112 100
64 50.6 47.9 71.9
63 25.1 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: 105.833 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Instrument :

BNA_F

ClientSampled :

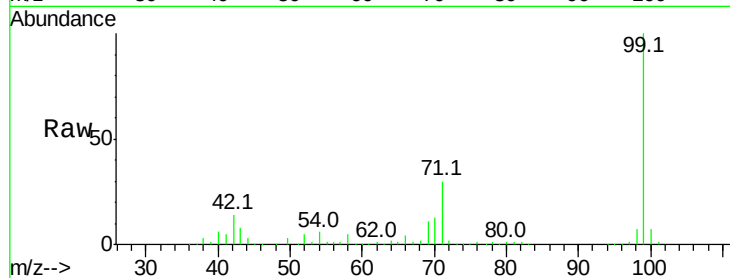
Tot Ion: 99 Resp: 774985

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

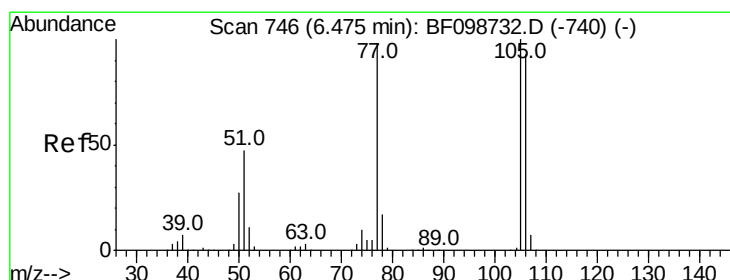
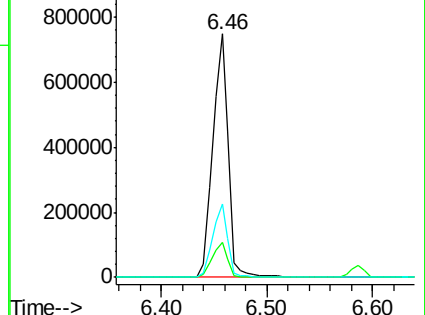
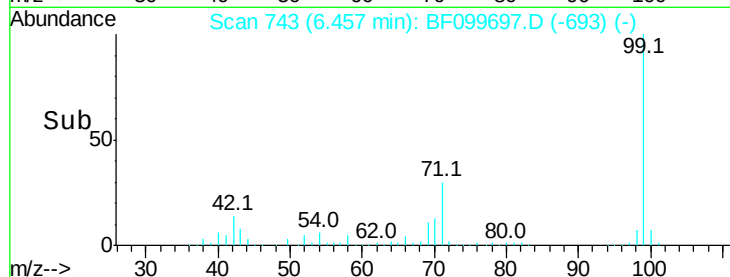
71 30.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.847 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

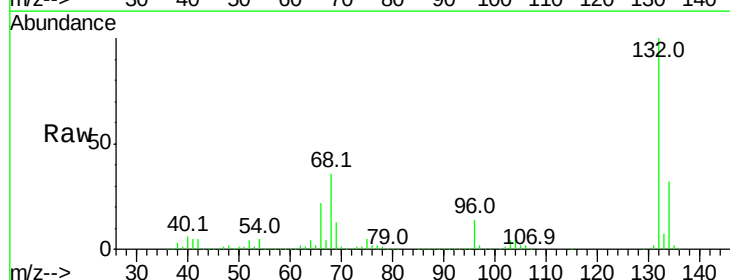
Tgt Ion: 77 Resp: 12093

Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

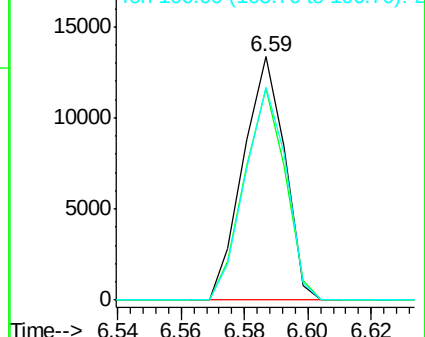
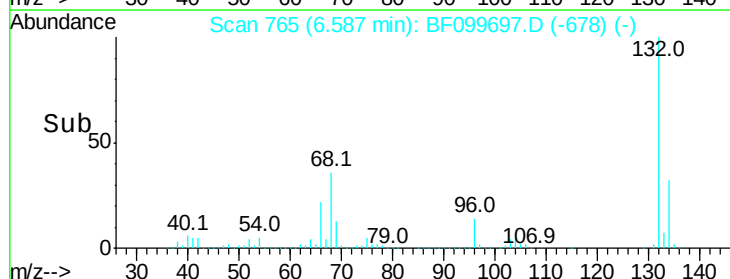
106 87.6 74.5 114.5

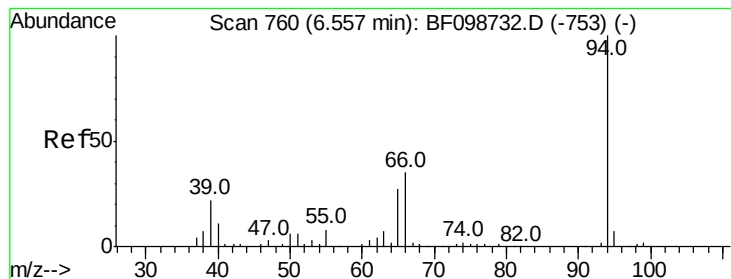


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 5.081 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Instrument :

BNA_F

ClientSampleId :

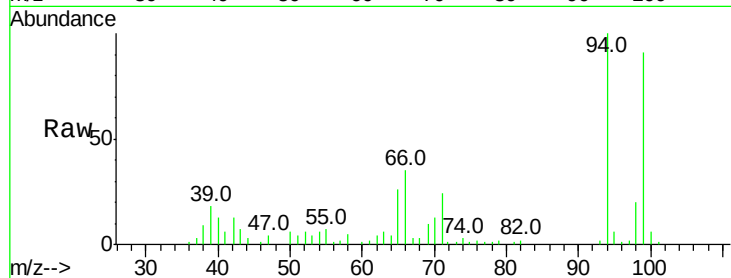
Tot Ion: 94 Resp: 41611

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

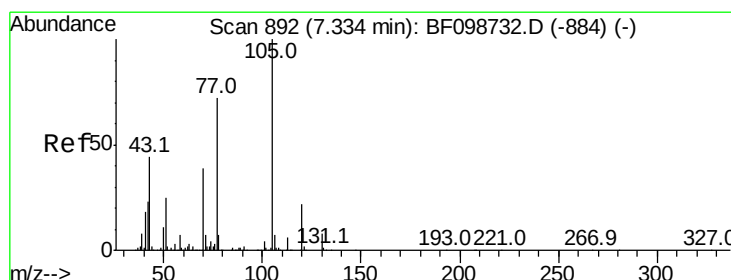
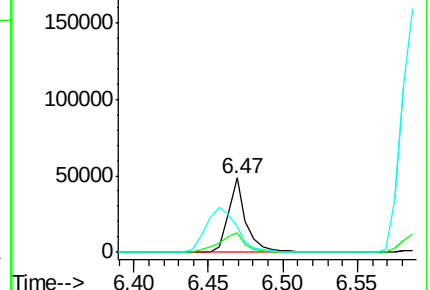
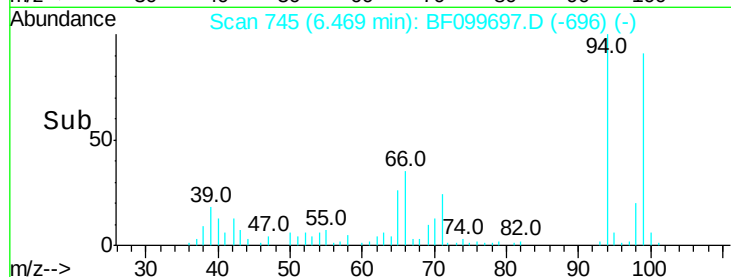
66 34.7 16.2 56.2



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: 12.190 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Tgt Ion: 70 Resp: 56990

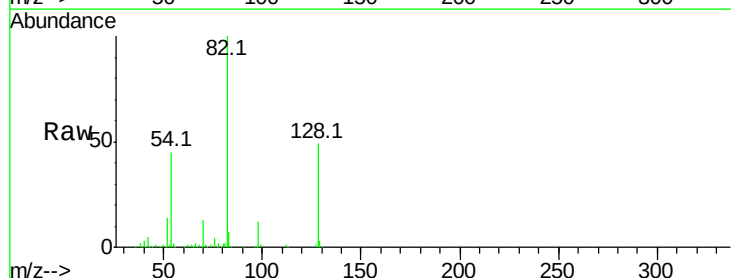
Ion Ratio Lower Upper

70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

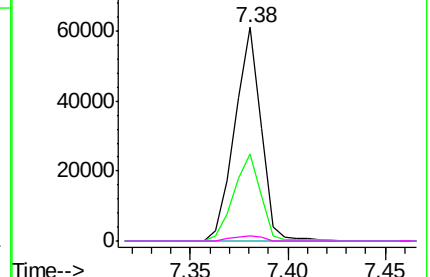
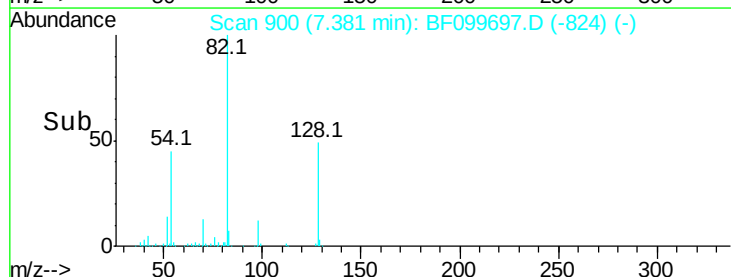


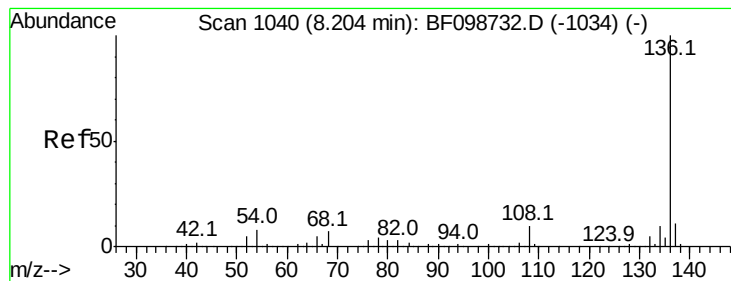
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

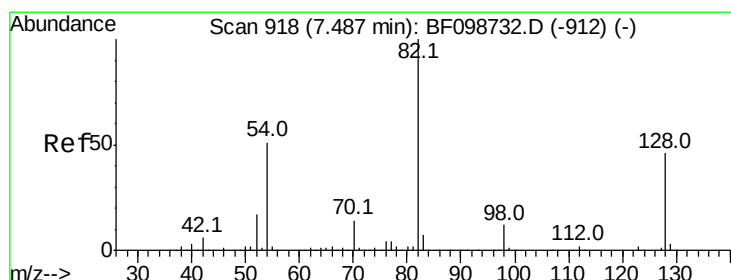
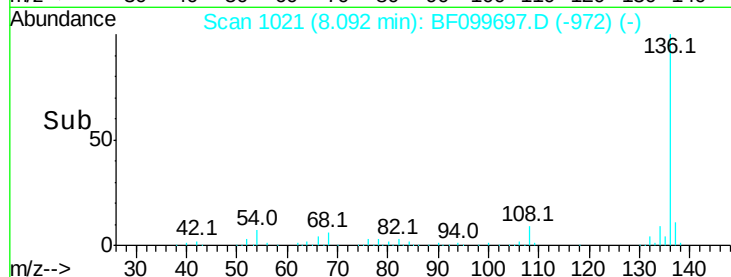
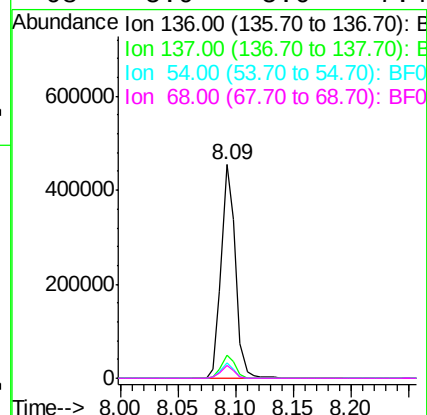
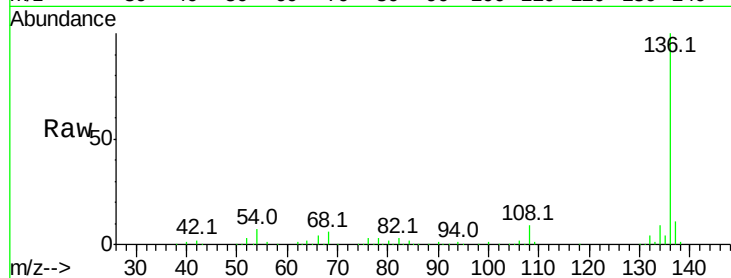




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099697.D
Acq: 20 Oct 2017 13:34

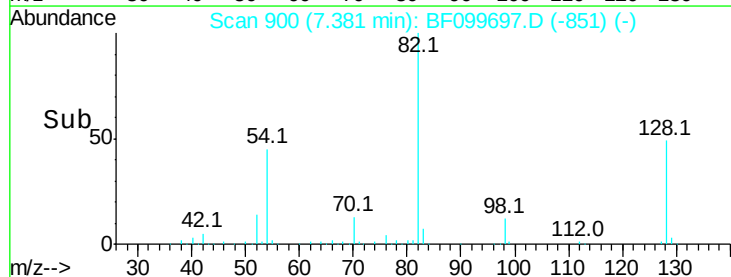
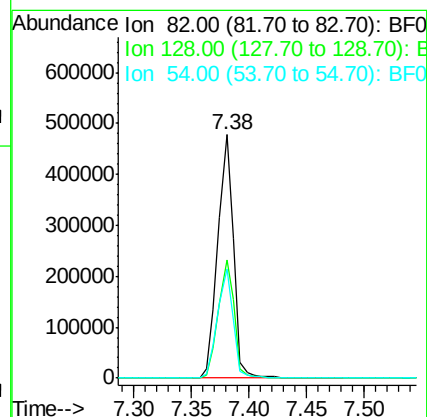
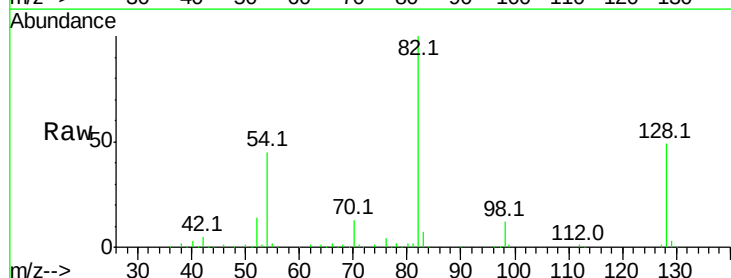
Instrument :
BNA_F
ClientSampleId :

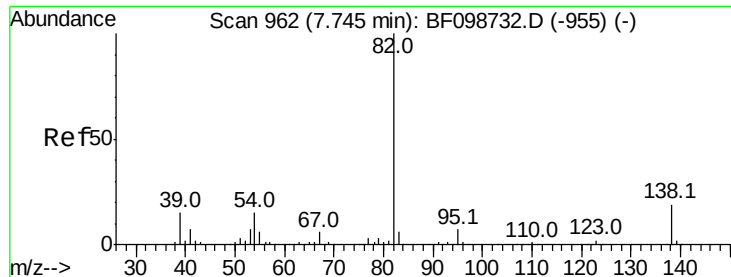
Tot Ion:	136	Resp:	389313
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	6.6	9.8
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.884 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099697.D
Acq: 20 Oct 2017 13:34

Tgt Ion:	82	Resp:	454596
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	44.8	41.4	62.2





#25

Isophorone

Concen: 36.219 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Instrument :

BNA_F

ClientSampleId :

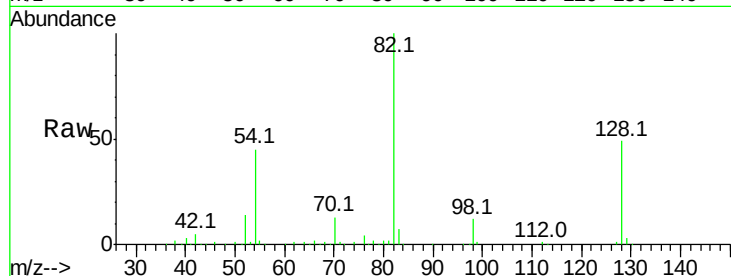
Tot Ion: 82 Resp: 454596

Ion Ratio Lower Upper

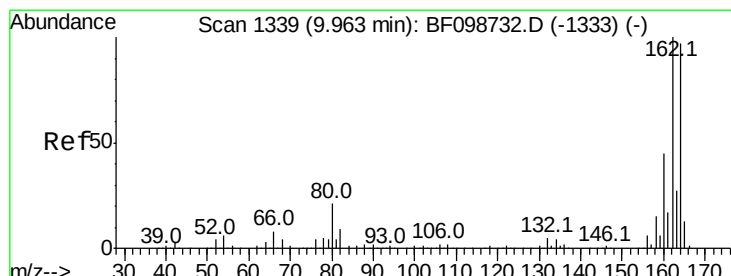
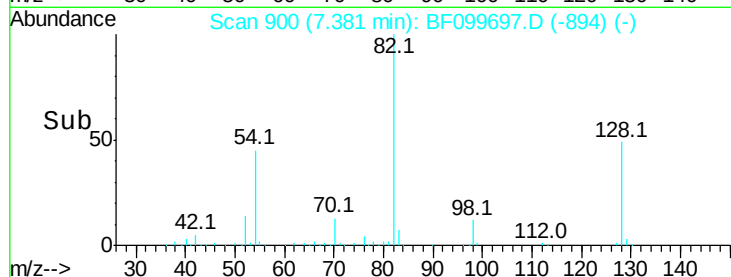
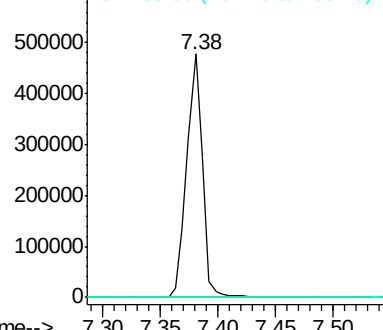
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

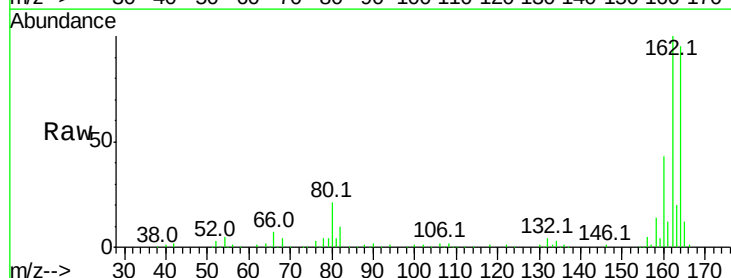
Tgt Ion:164 Resp: 168411

Ion Ratio Lower Upper

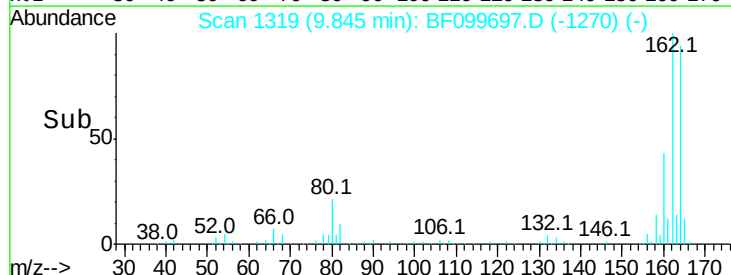
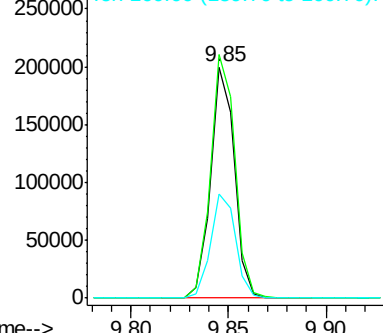
164 100

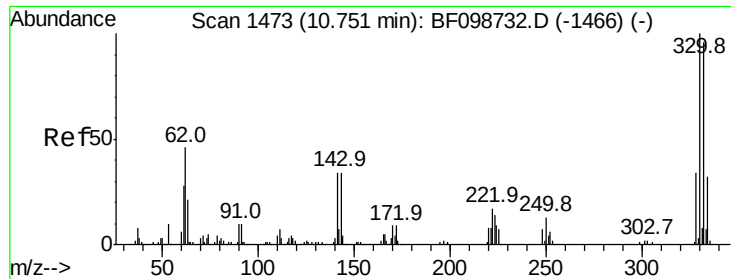
162 105.3 86.1 129.1

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

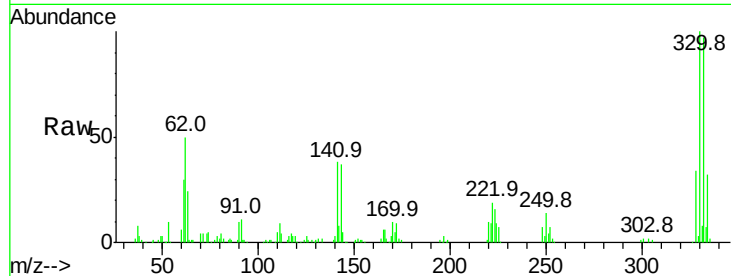




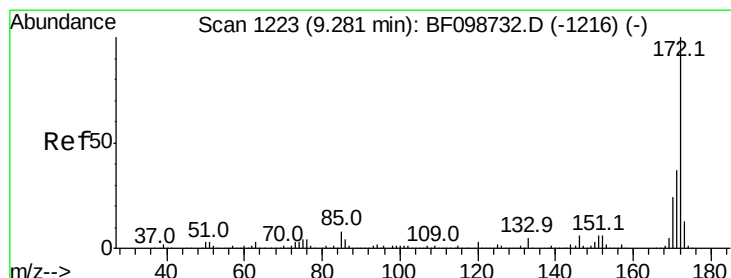
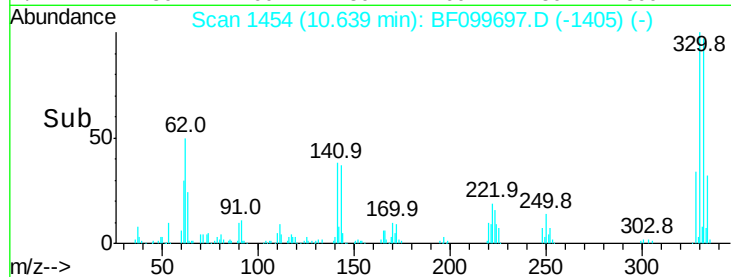
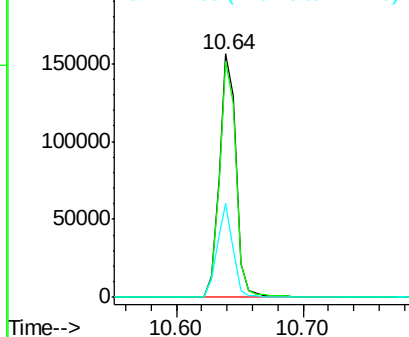
#41
 2,4,6-Tribromophenol
 Concen: 105.056 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	37.0	29.9	44.9

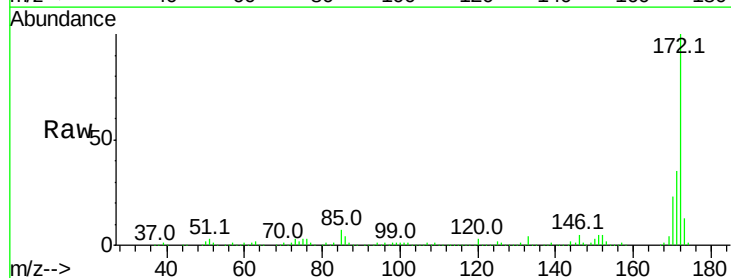


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

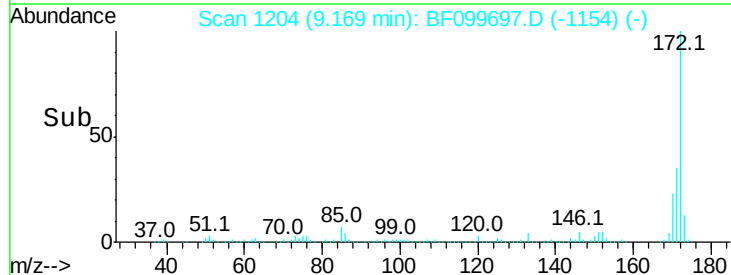
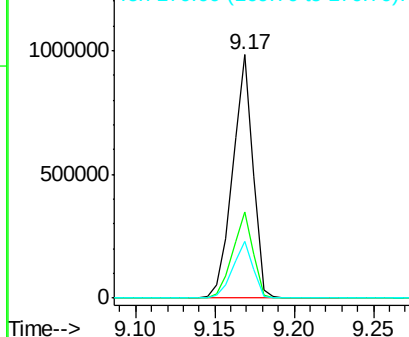


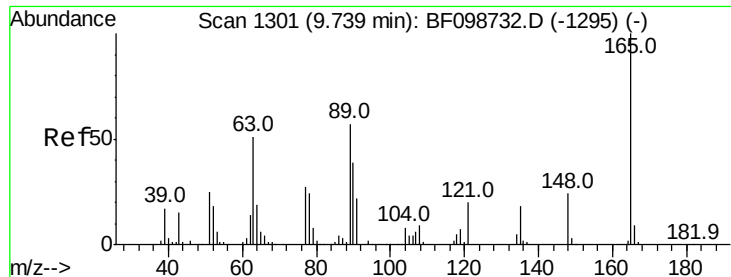
#44
 2-Fluorobiphenyl
 Concen: 86.349 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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





#50

2,6-Dinitrotoluene

Concen: 7.771 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.19 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Instrument :

BNA_F

ClientSampleId :

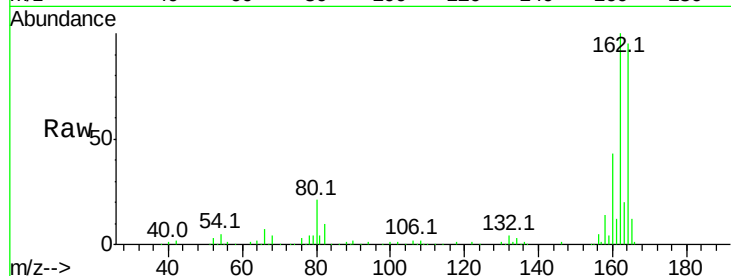
Tot Ion:165 Resp: 21504

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

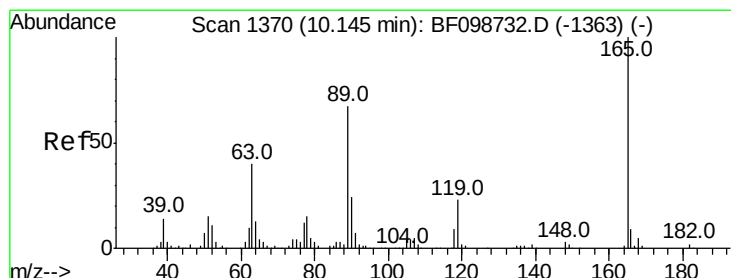
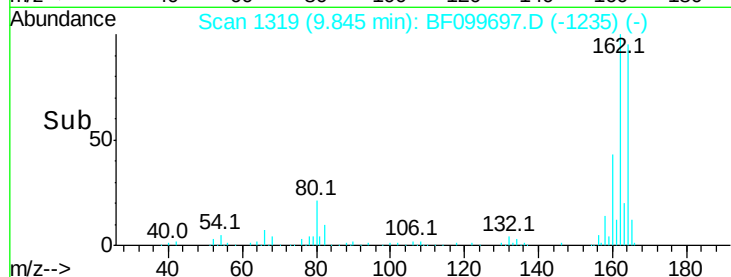
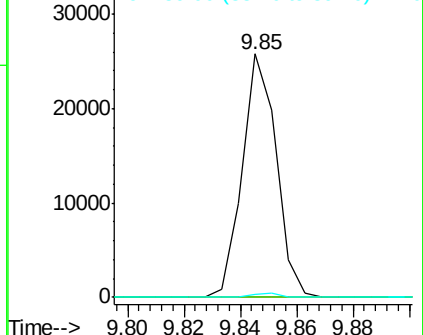
89 1.3 44.0 66.0#



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: 5.988 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF099697.D

Acq: 20 Oct 2017 13:34

Tgt Ion:165 Resp: 21504

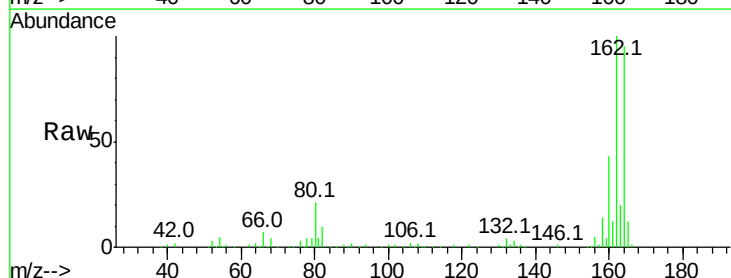
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

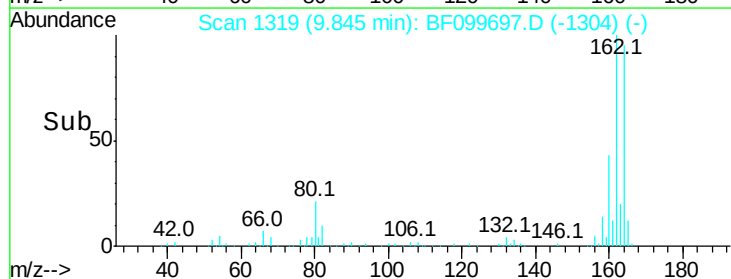
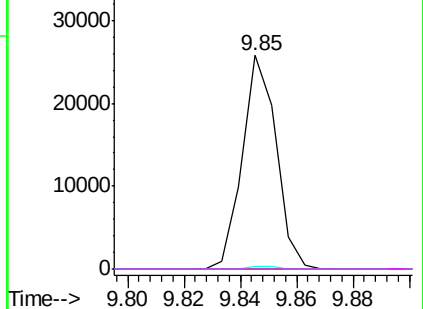


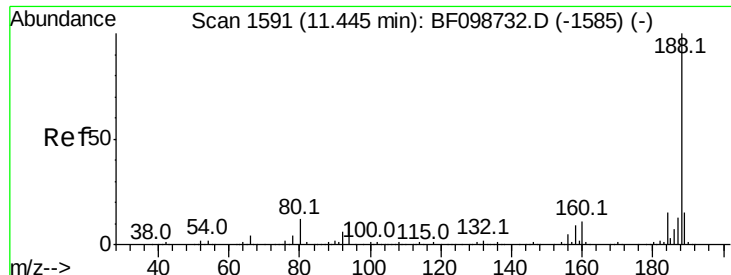
Abundance Ion 165.00 (164.70 to 165.70): E

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

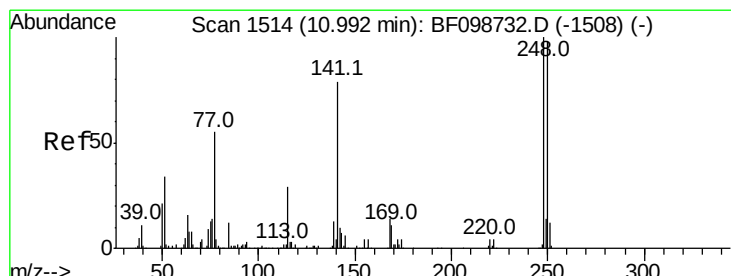
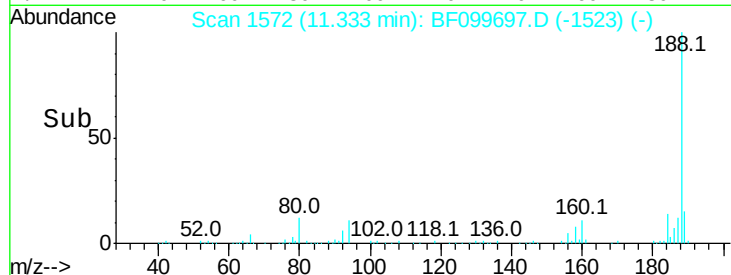
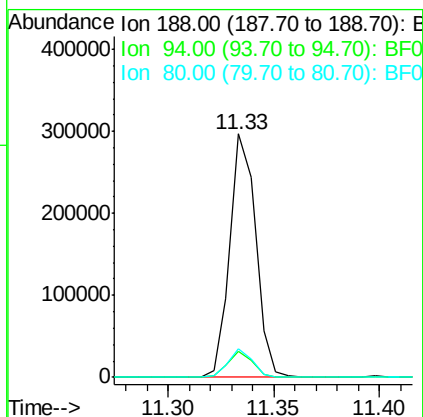
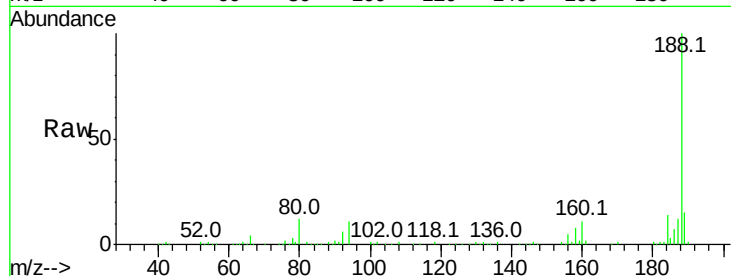




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

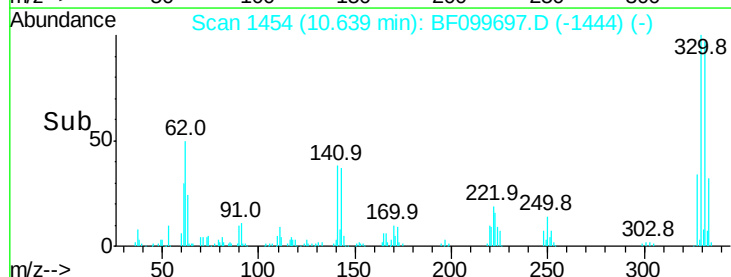
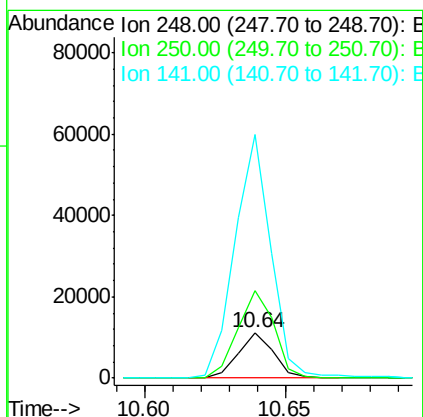
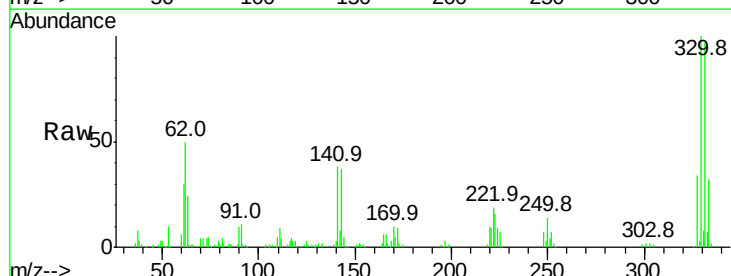
Instrument :
 BNA_F
 ClientSampleId :

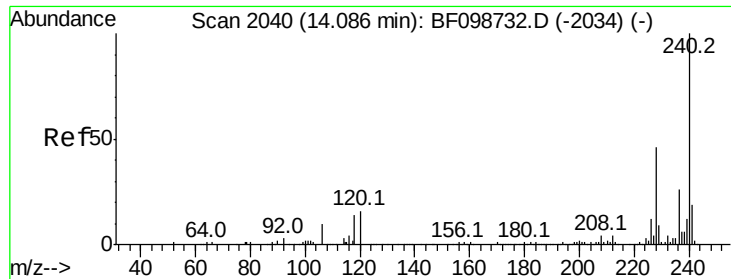
Tot Ion:188 Resp: 251470
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.7 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.960 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

Tgt Ion:248 Resp: 9748
 Ion Ratio Lower Upper
 248 100
 250 193.3 76.9 115.3#
 141 534.9 74.4 111.6#

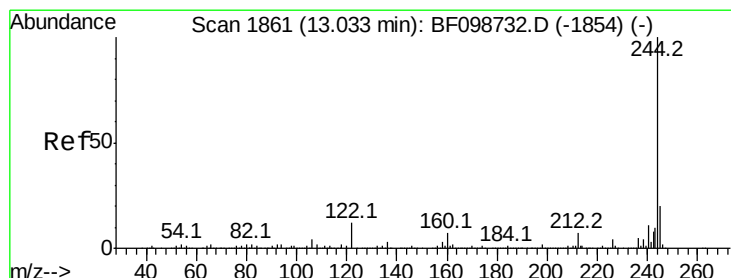
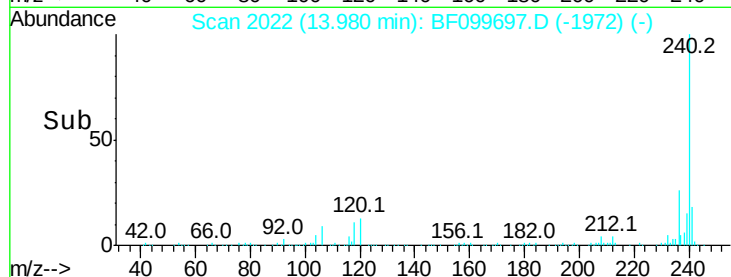
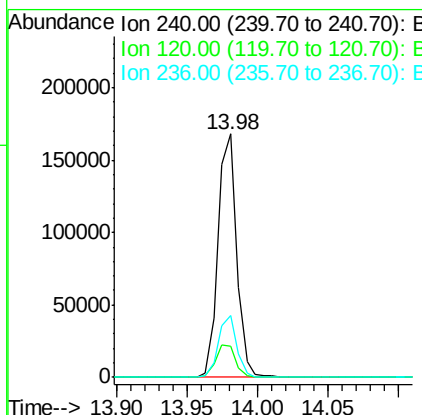
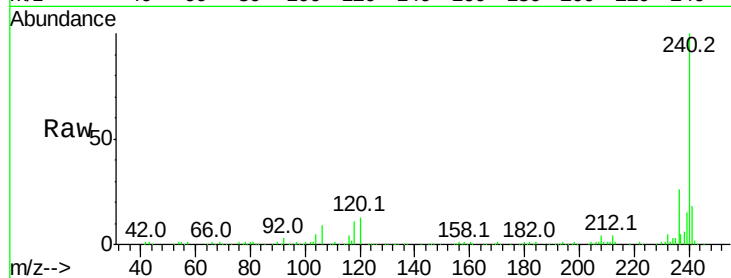




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

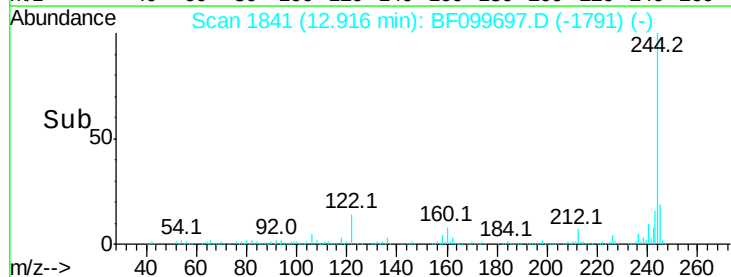
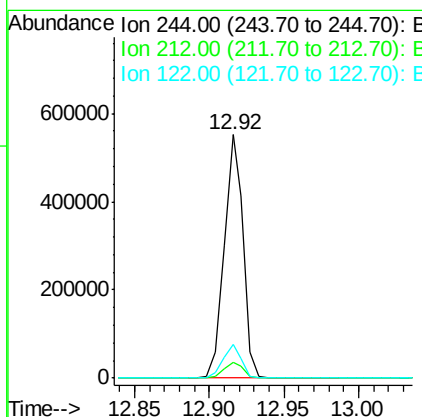
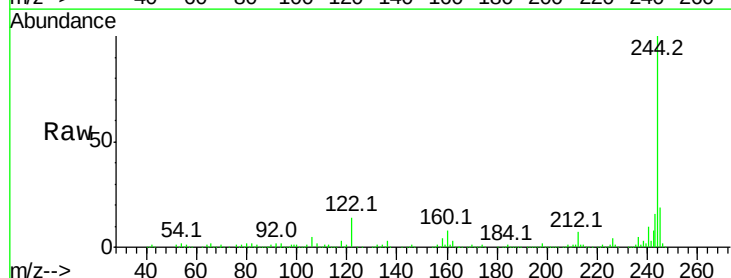
Instrument :
 BNA_F
 ClientSampleId :

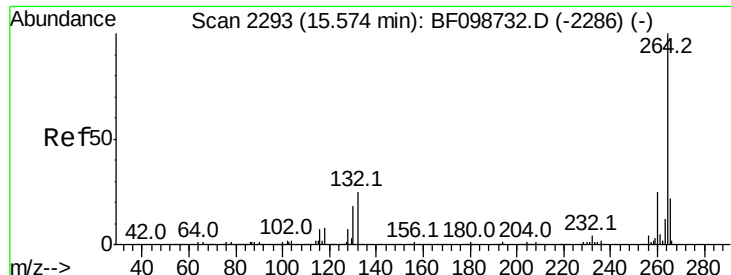
Tot Ion:240 Resp: 154882
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 72.378 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

Tgt Ion:244 Resp: 492922
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 14.1 11.0 16.4

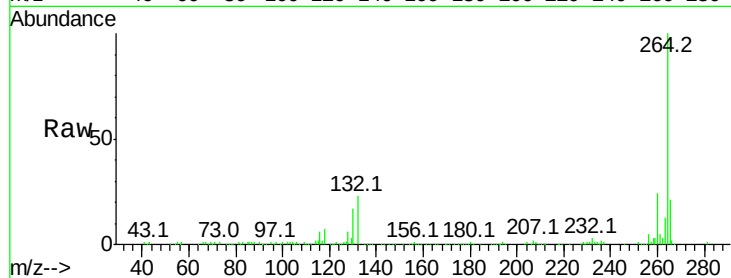




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099697.D
 Acq: 20 Oct 2017 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	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

