

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099642.D
 Acq On : 19 Oct 2017 2:46
 Operator : SJ/JU
 Sample : I5899-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 16:21:02 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 22:24:53 2017
 Response via : Initial Calibration

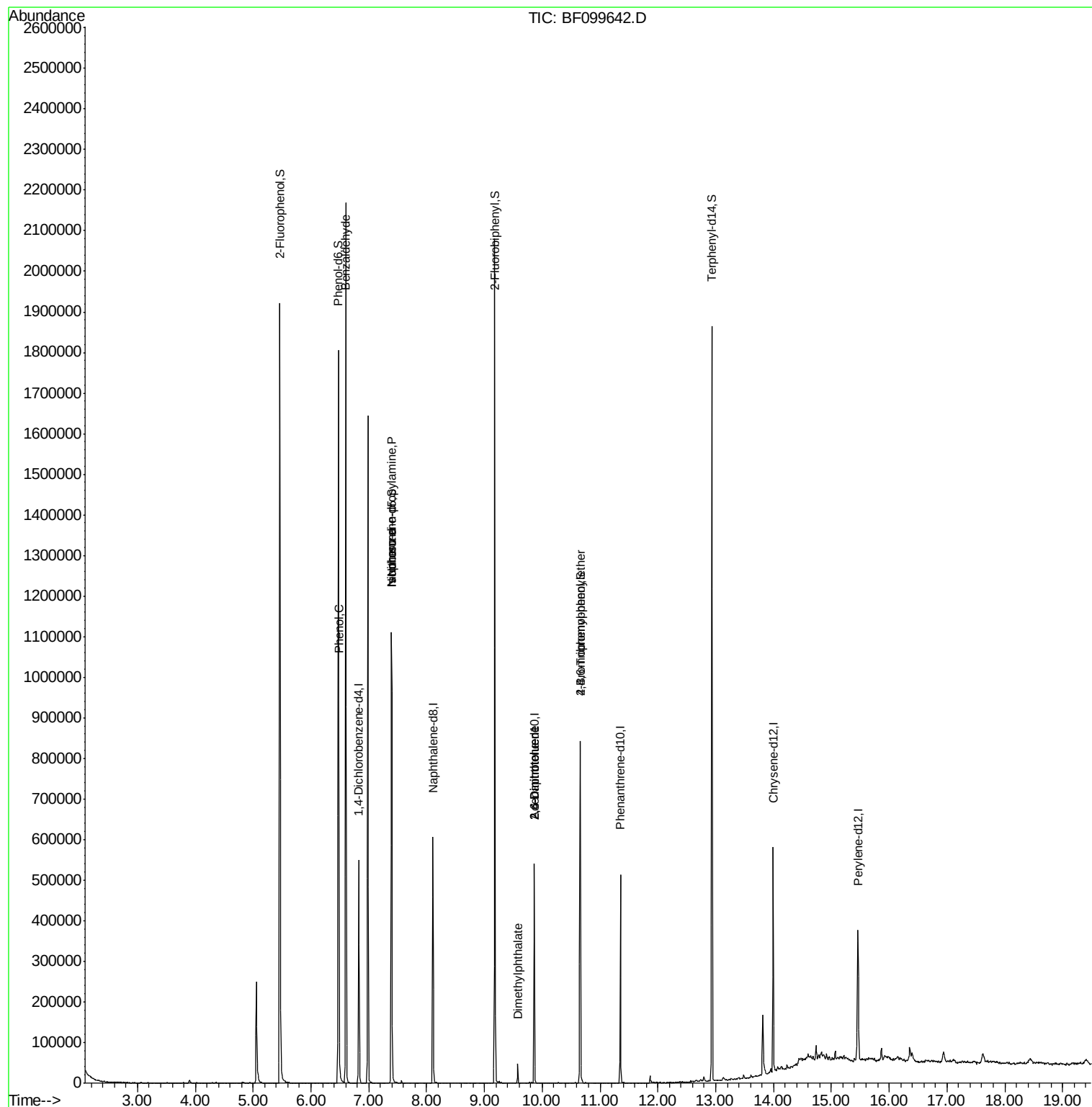
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	79121	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	276631	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	100027	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	169816	20.00	ng	0.00
75) Chrysene-d12	13.99	240	174196	20.00	ng	0.00
86) Perylene-d12	15.46	264	137504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	619086	124.56	ng	0.01
7) Phenol-d6	6.47	99	708486	115.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	381362	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	103755	126.76	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	660788	110.28	ng	0.00
78) Terphenyl-d14	12.93	244	588850	76.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	11059	3.109	ng	90
10) Phenol	6.49	94	31222	4.553	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	48026	12.268	ng	# 74
25) Isophorone	7.39	82	381359	42.761	ng	# 64
49) Dimethylphthalate	9.57	163	19766	2.618	ng	98
50) 2,6-Dinitrotoluene	9.86	165	12342	7.509	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	12342	5.786	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	6623	3.984	ng	# 1

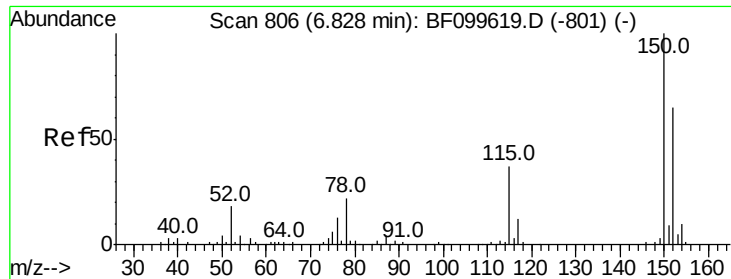
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099642.D
Acq On : 19 Oct 2017 2:46
Operator : SJ/JU
Sample : I5899-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 19 16:21:02 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 22:24:53 2017
Response via : Initial Calibration



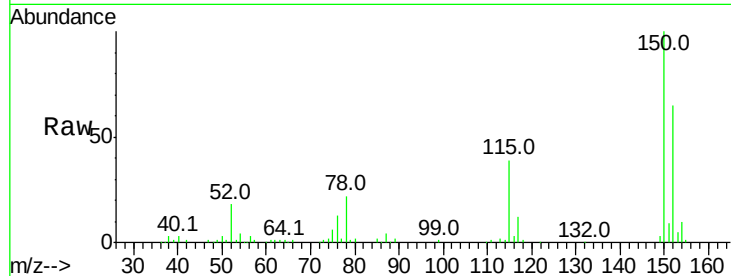


#1

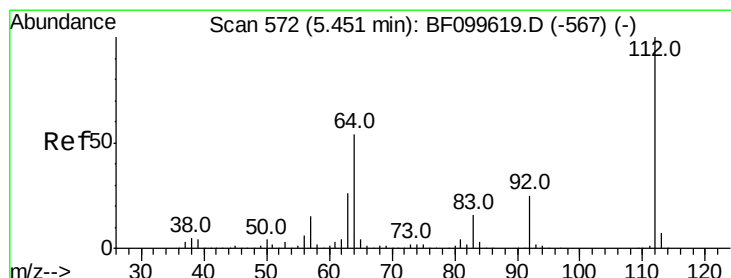
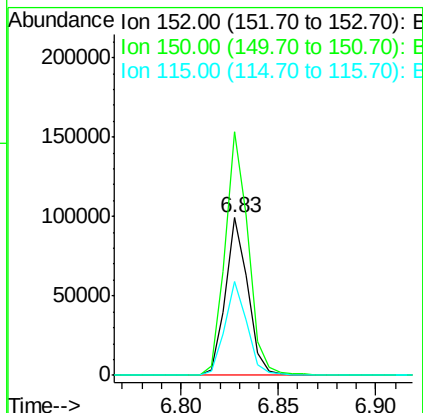
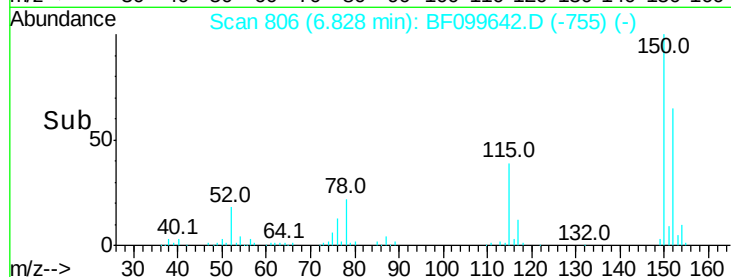
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79121
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 60.0 50.1 75.1



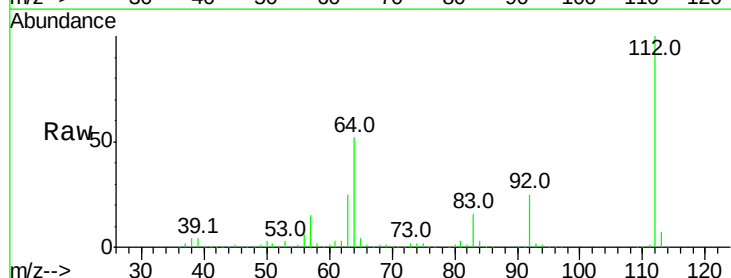
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



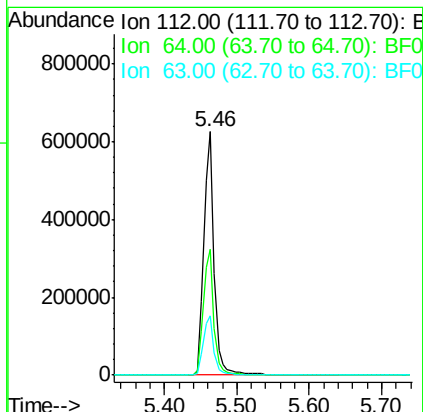
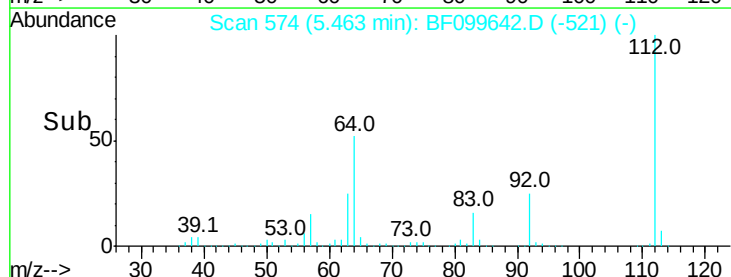
#5

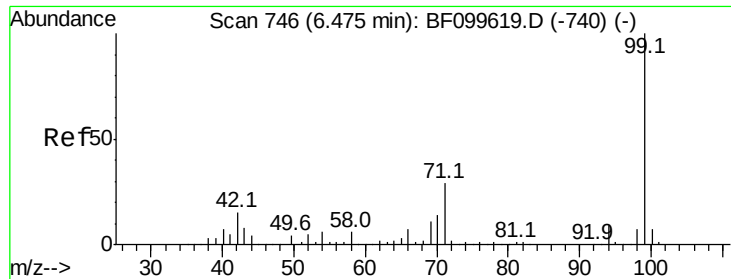
2-Fluorophenol
Concen: 124.559 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Tgt Ion:112 Resp: 619086
Ion Ratio Lower Upper
112 100
64 51.6 47.9 71.9
63 24.6 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: 115.552 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampled :

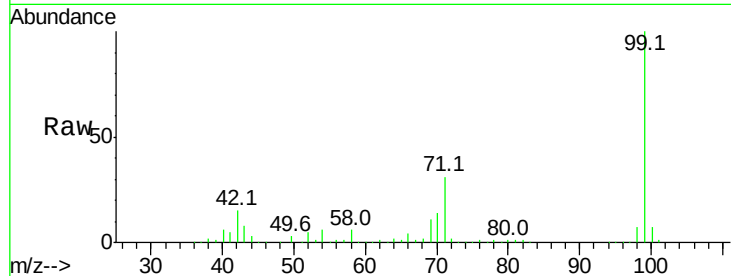
Tot Ion: 99 Resp: 708486

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

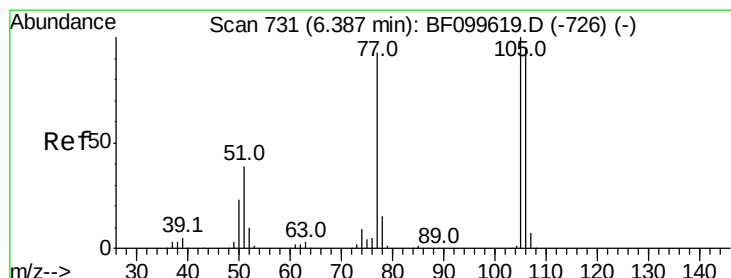
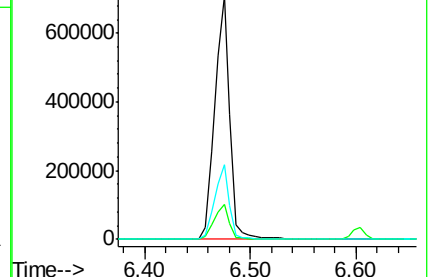
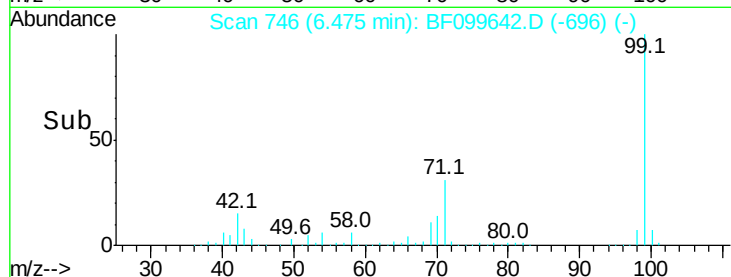
71 30.6 25.4 38.0



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: 3.109 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

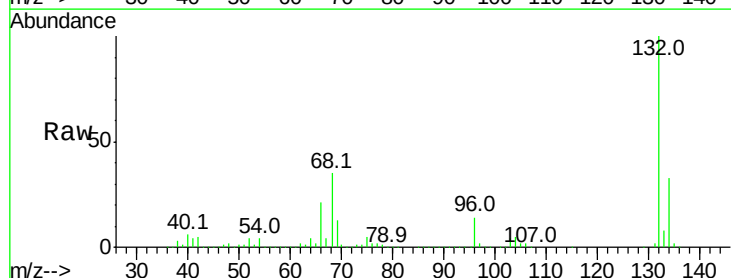
Tgt Ion: 77 Resp: 11059

Ion Ratio Lower Upper

77 100

105 87.4 81.1 121.1

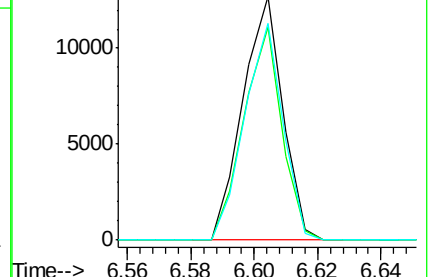
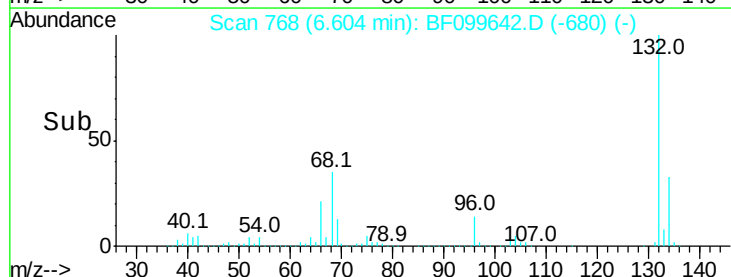
106 89.1 74.5 114.5

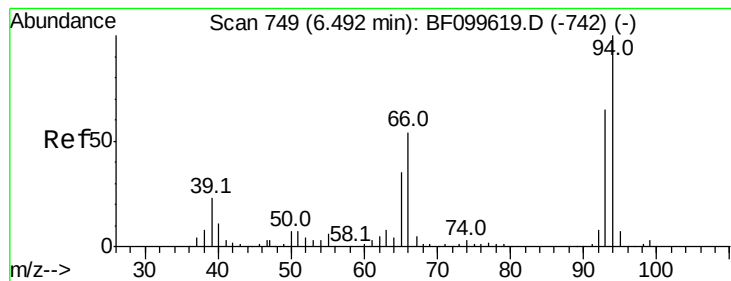


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.553 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

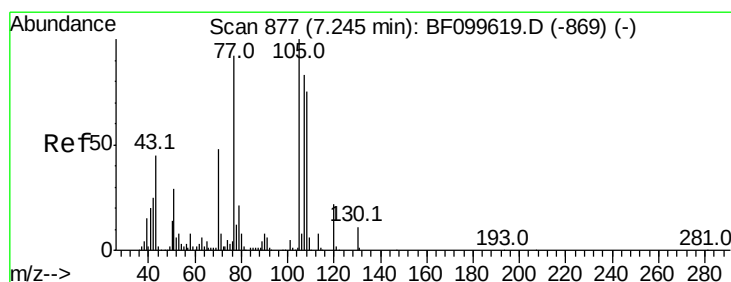
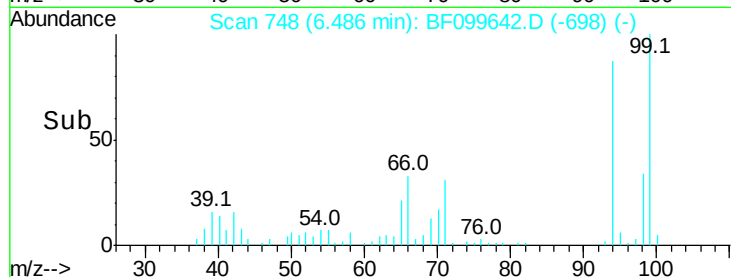
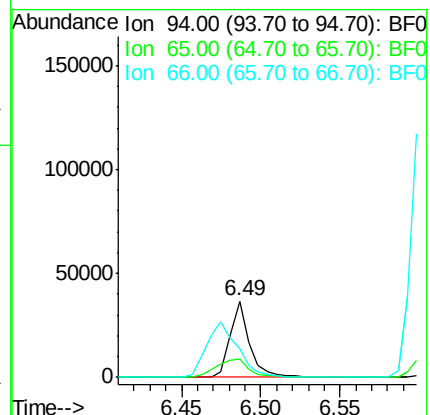
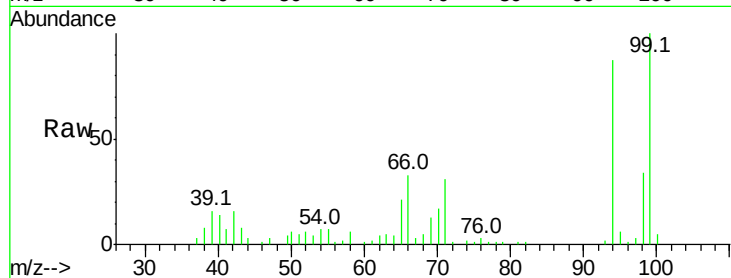
Tot Ion: 94 Resp: 31222

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

66 37.8 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.268 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Tgt Ion: 70 Resp: 48026

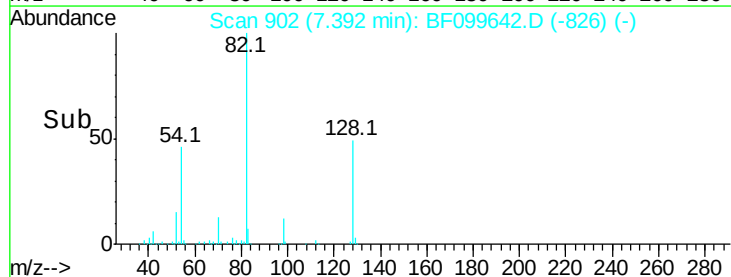
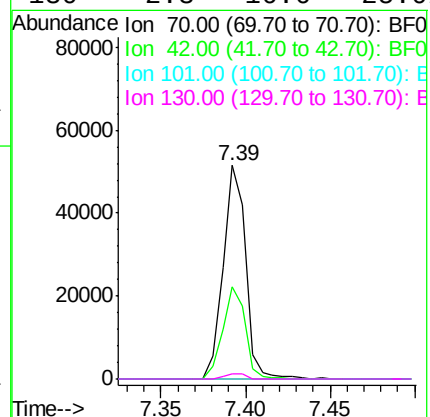
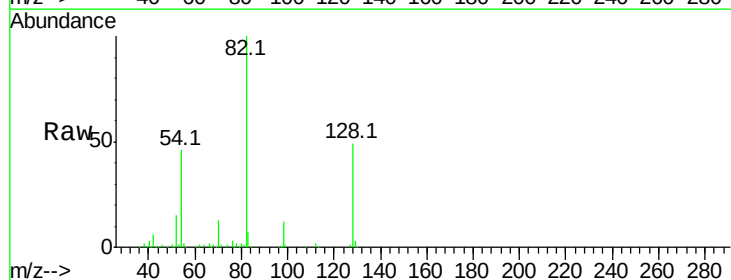
Ion Ratio Lower Upper

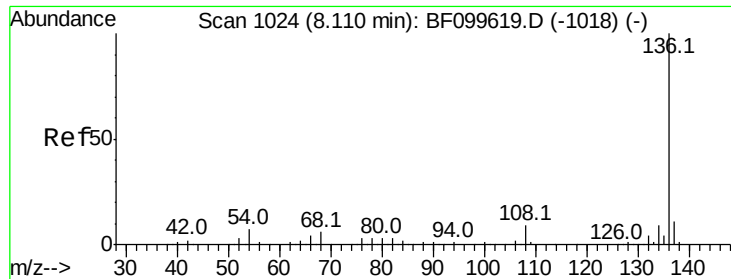
70 100

42 43.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

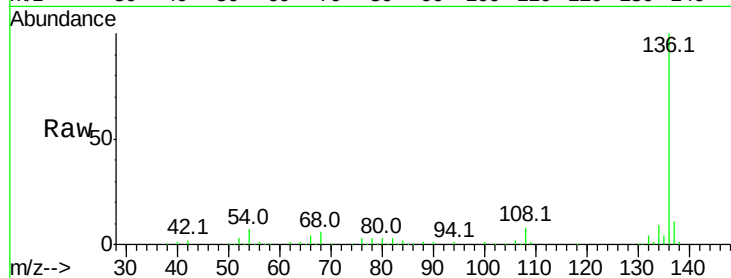




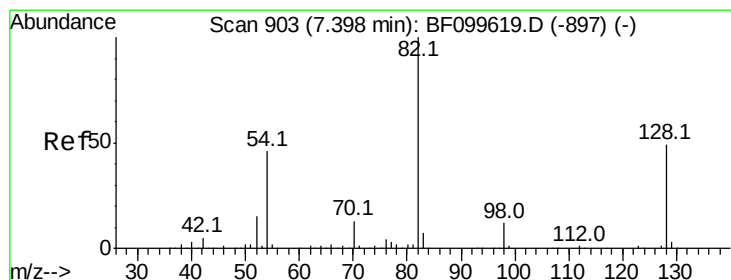
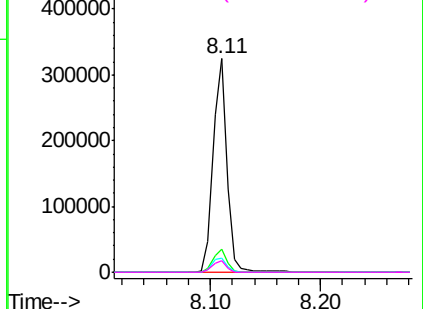
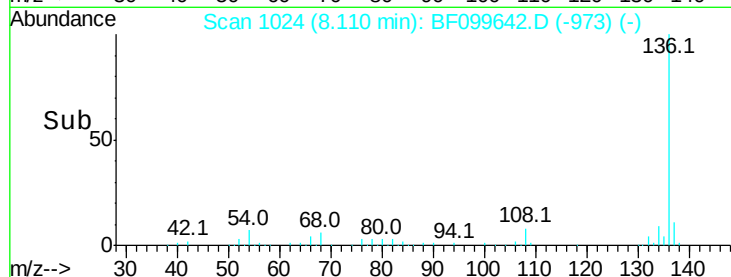
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	276631
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.6	5.0	7.4

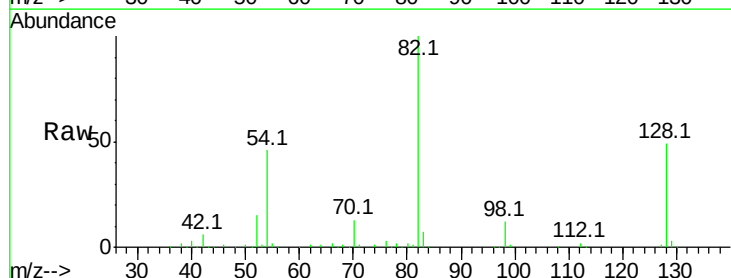


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

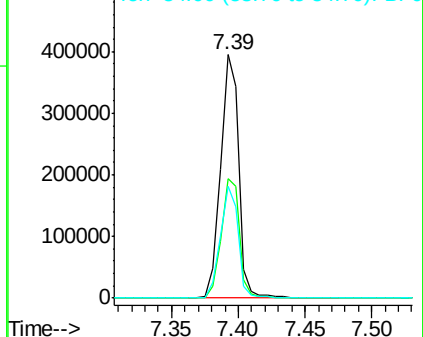
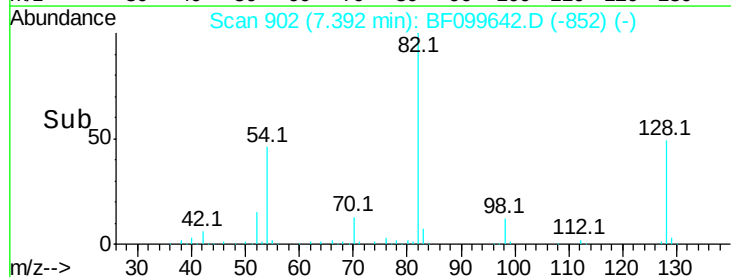


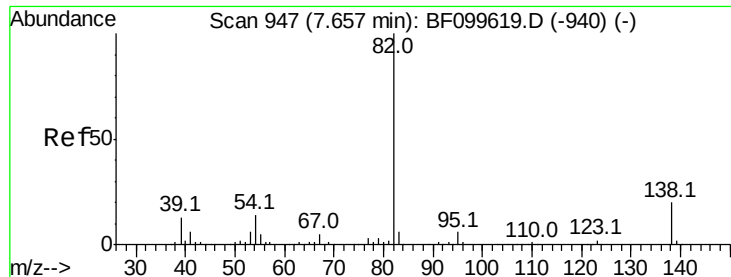
#23
Nitrobenzene-d5
Concen: 88.409 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Tgt Ion:	82	Resp:	381362
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	45.7	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: 42.761 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

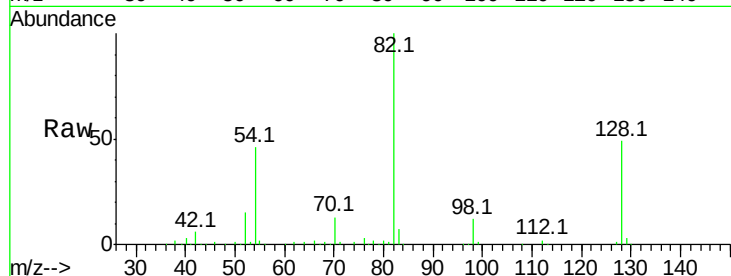
Tot Ion: 82 Resp: 381359

Ion Ratio Lower Upper

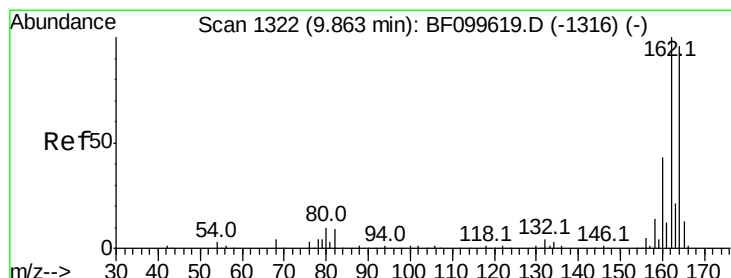
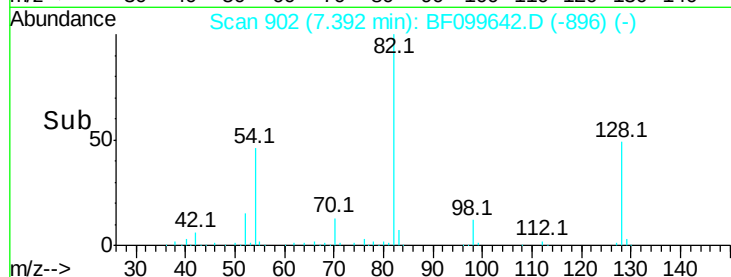
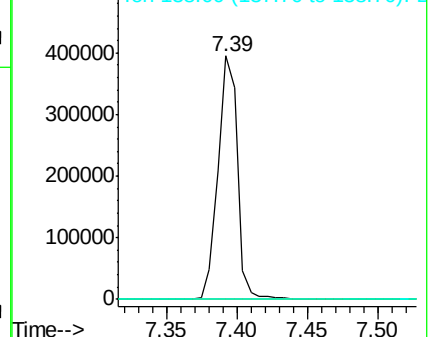
82 100

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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

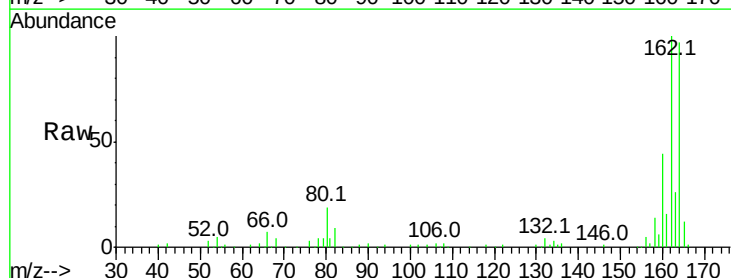
Tgt Ion:164 Resp: 100027

Ion Ratio Lower Upper

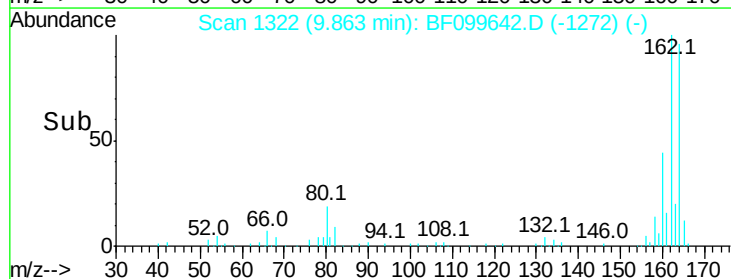
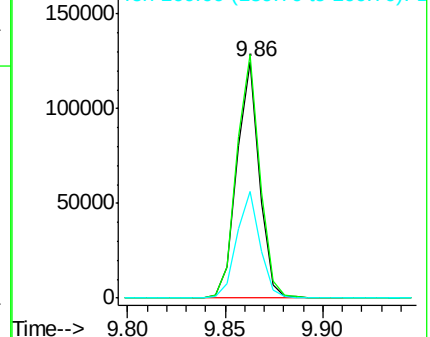
164 100

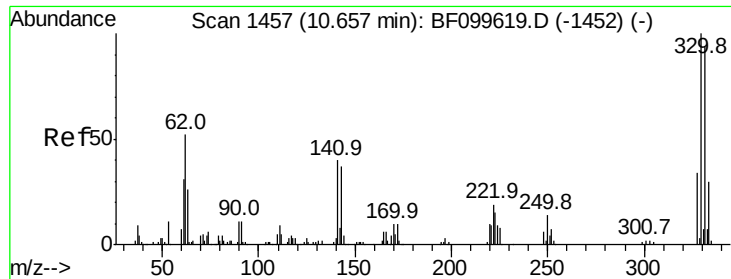
162 103.2 86.1 129.1

160 45.2 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

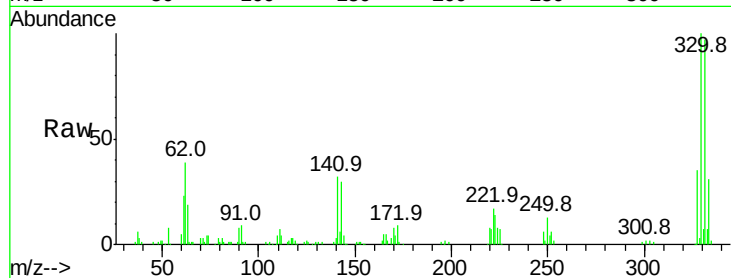




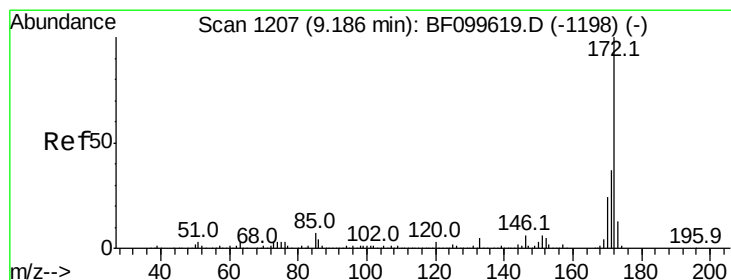
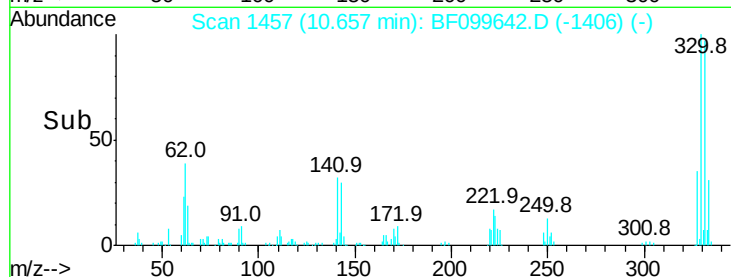
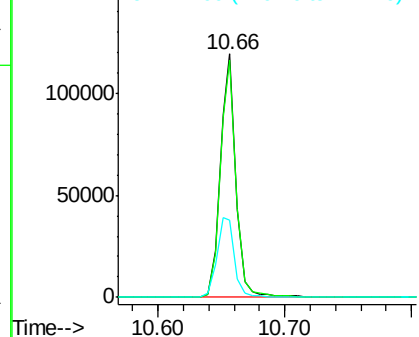
#41
 2,4,6-Tribromophenol
 Concen: 126.764 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	36.7	29.9	44.9

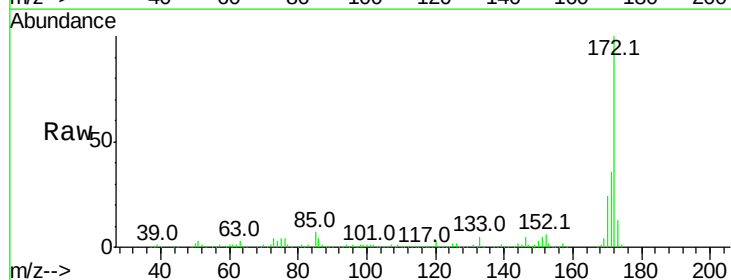


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

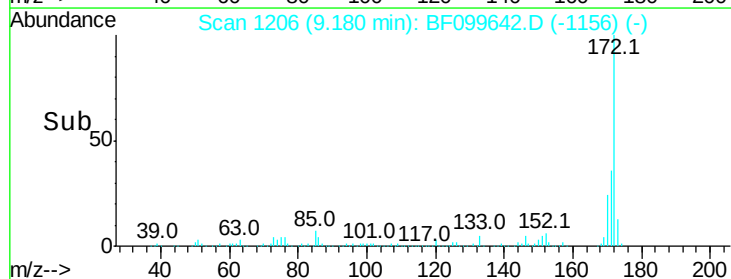
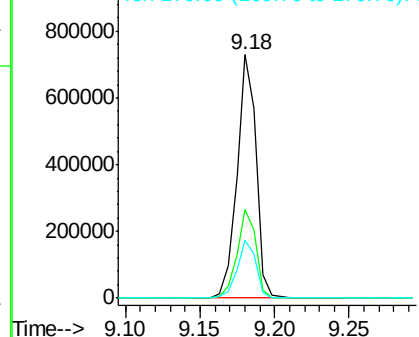


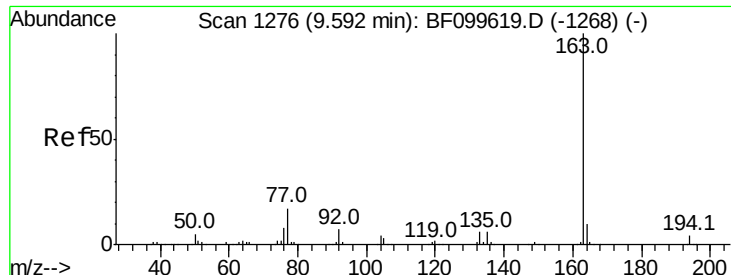
#44
 2-Fluorobiphenyl
 Concen: 110.283 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	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





#49

Dimethylphthalate

Concen: 2.618 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

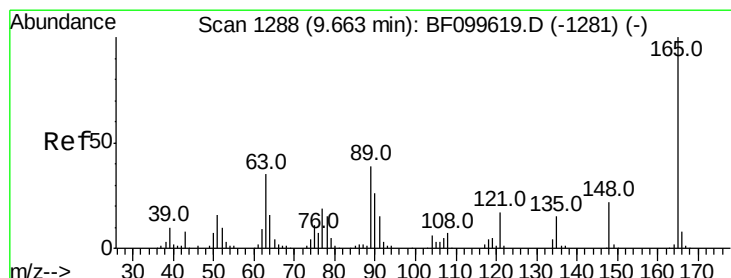
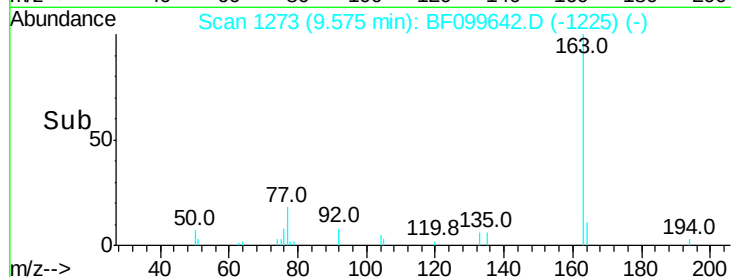
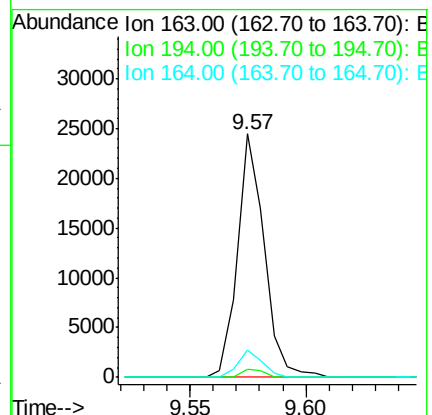
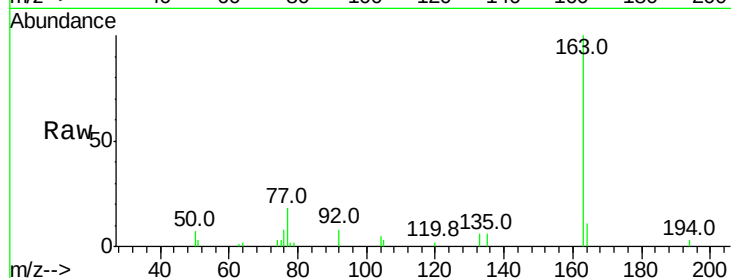
Tot Ion:163 Resp: 19766

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

164 11.2 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 7.509 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.21 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

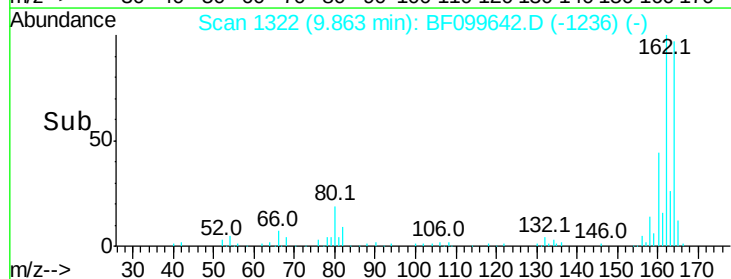
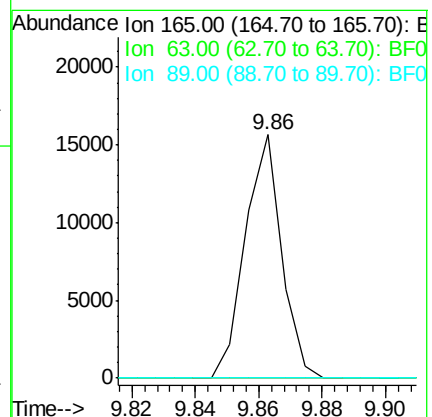
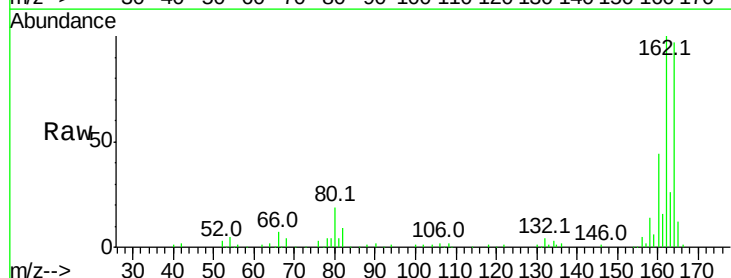
Tgt Ion:165 Resp: 12342

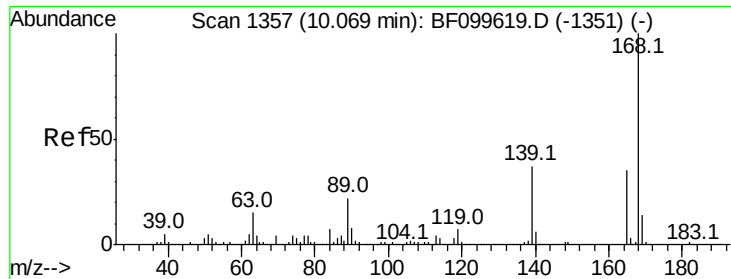
Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

89 0.0 44.0 66.0#

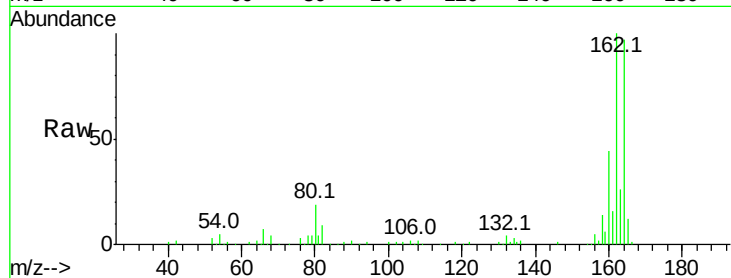




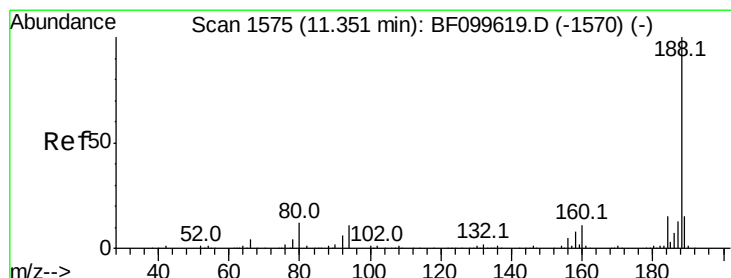
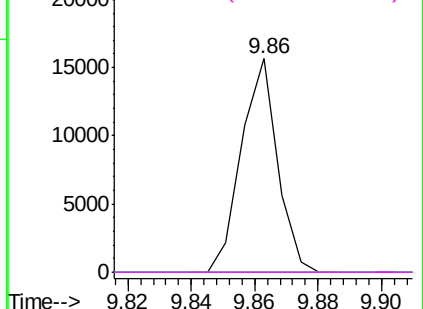
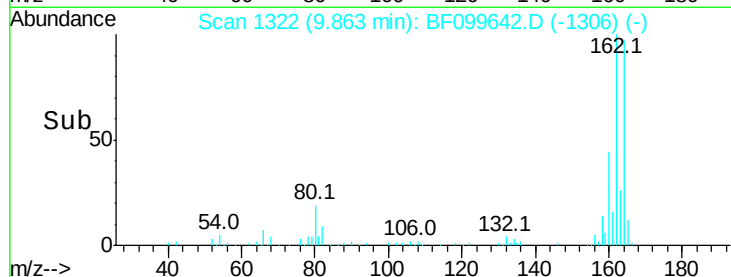
#56
 2,4-Dinitrotoluene
 Concen: 5.786 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	12342
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#

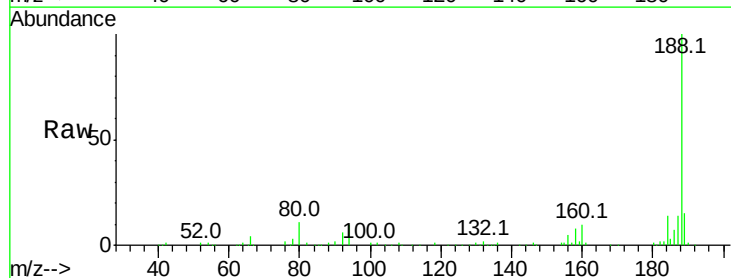


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

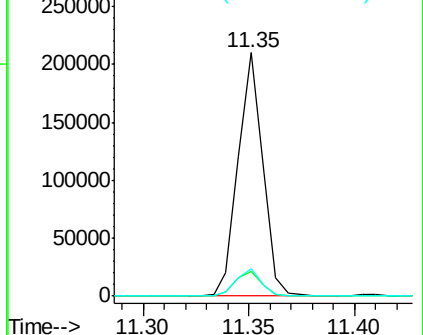
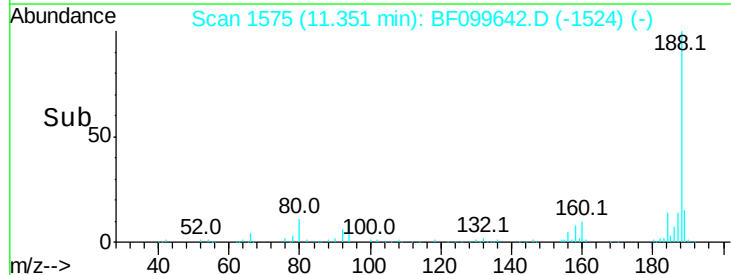


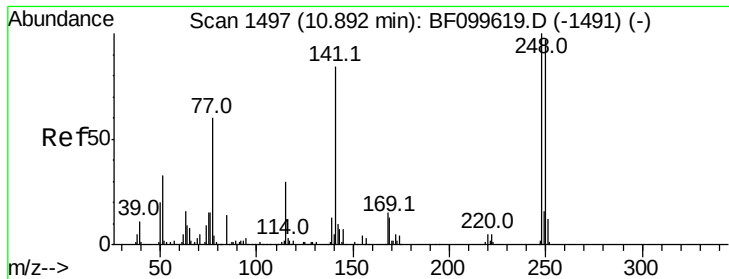
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099642.D
 Acq: 19 Oct 2017 2:46

Tgt Ion:	188	Resp:	169816
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.3	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

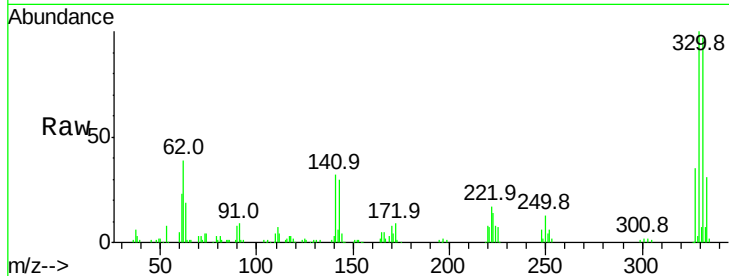




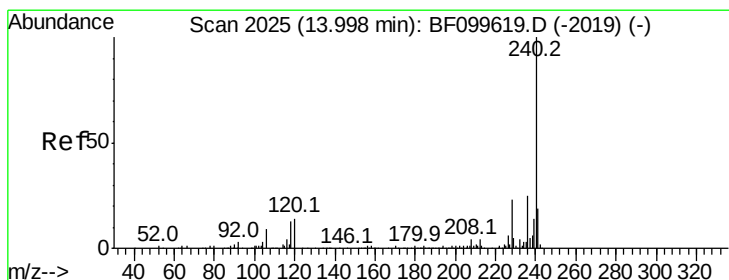
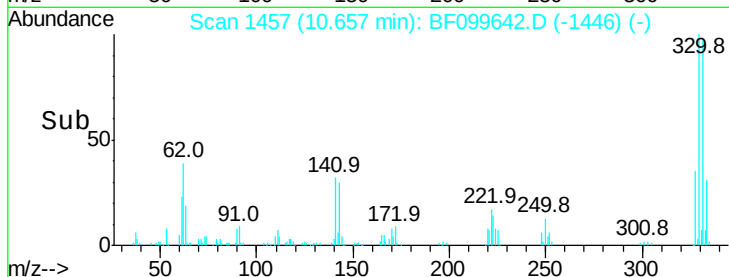
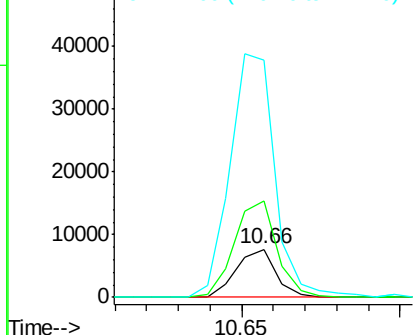
#66
4-Bromophenyl-phenylether
Concen: 3.984 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.23 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6623
Ion Ratio Lower Upper
248 100
250 200.7 76.9 115.3#
141 491.3 74.4 111.6#

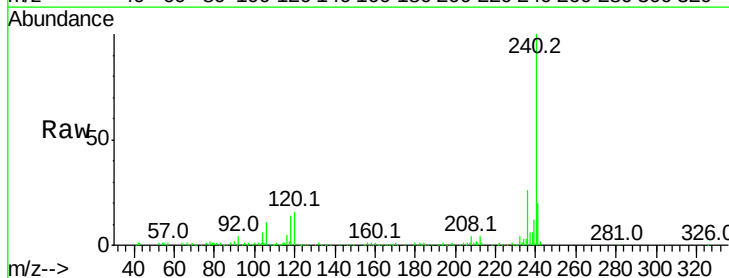


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

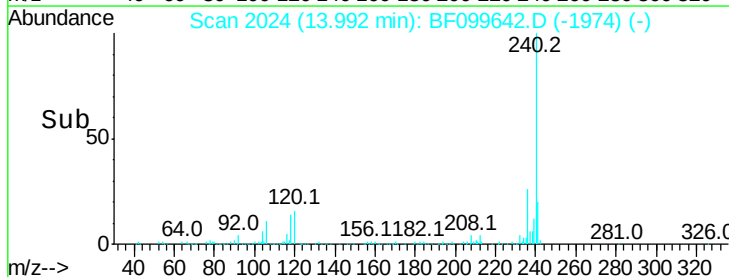
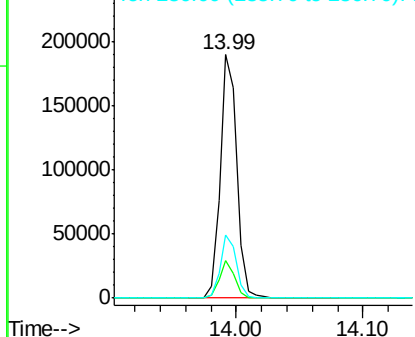


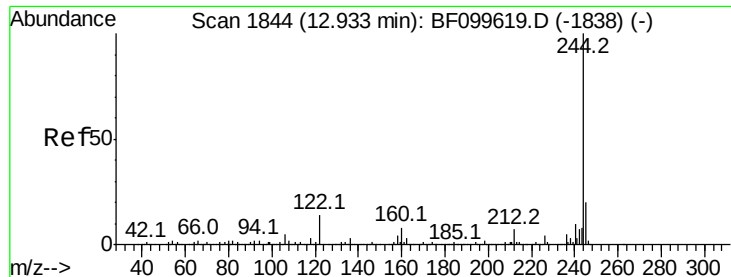
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099642.D
Acq: 19 Oct 2017 2:46

Tgt Ion:240 Resp: 174196
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 26.1 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: 76.877 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

Instrument :

BNA_F

ClientSampleId :

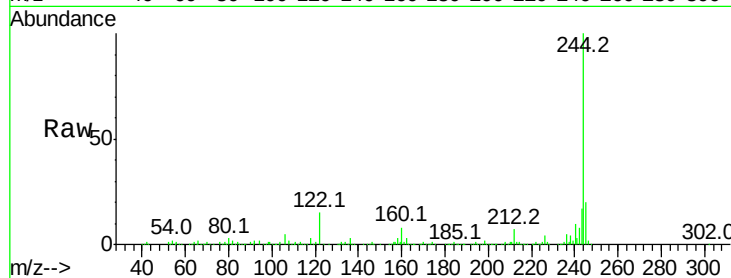
Tot Ion:244 Resp: 588850

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.6 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

800000

600000

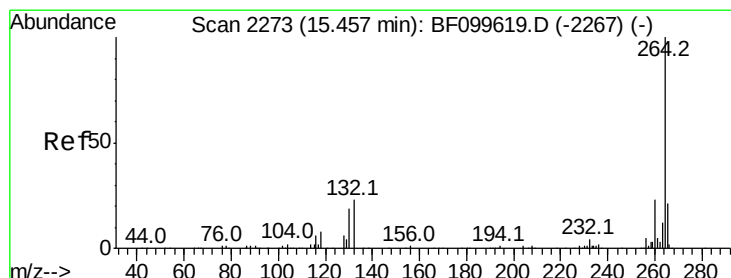
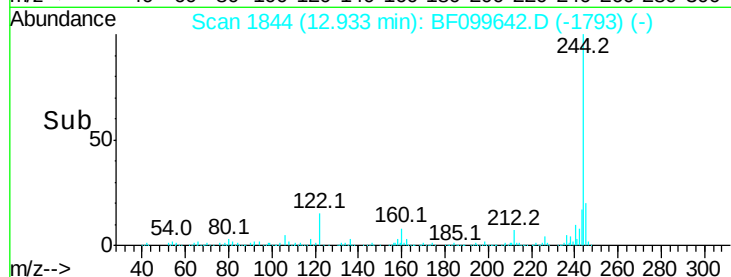
400000

200000

0

12.93

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099642.D

Acq: 19 Oct 2017 2:46

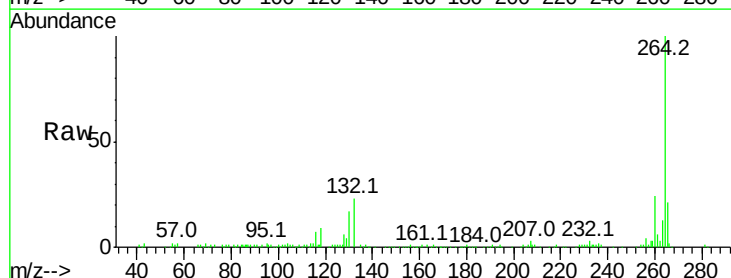
Tgt Ion:264 Resp: 137504

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 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

150000

100000

50000

0

15.46

Time-->

