

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099432.D
 Acq On : 13 Oct 2017 10:11
 Operator : SJ/JU
 Sample : I5780-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Quant Time: Oct 13 13:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

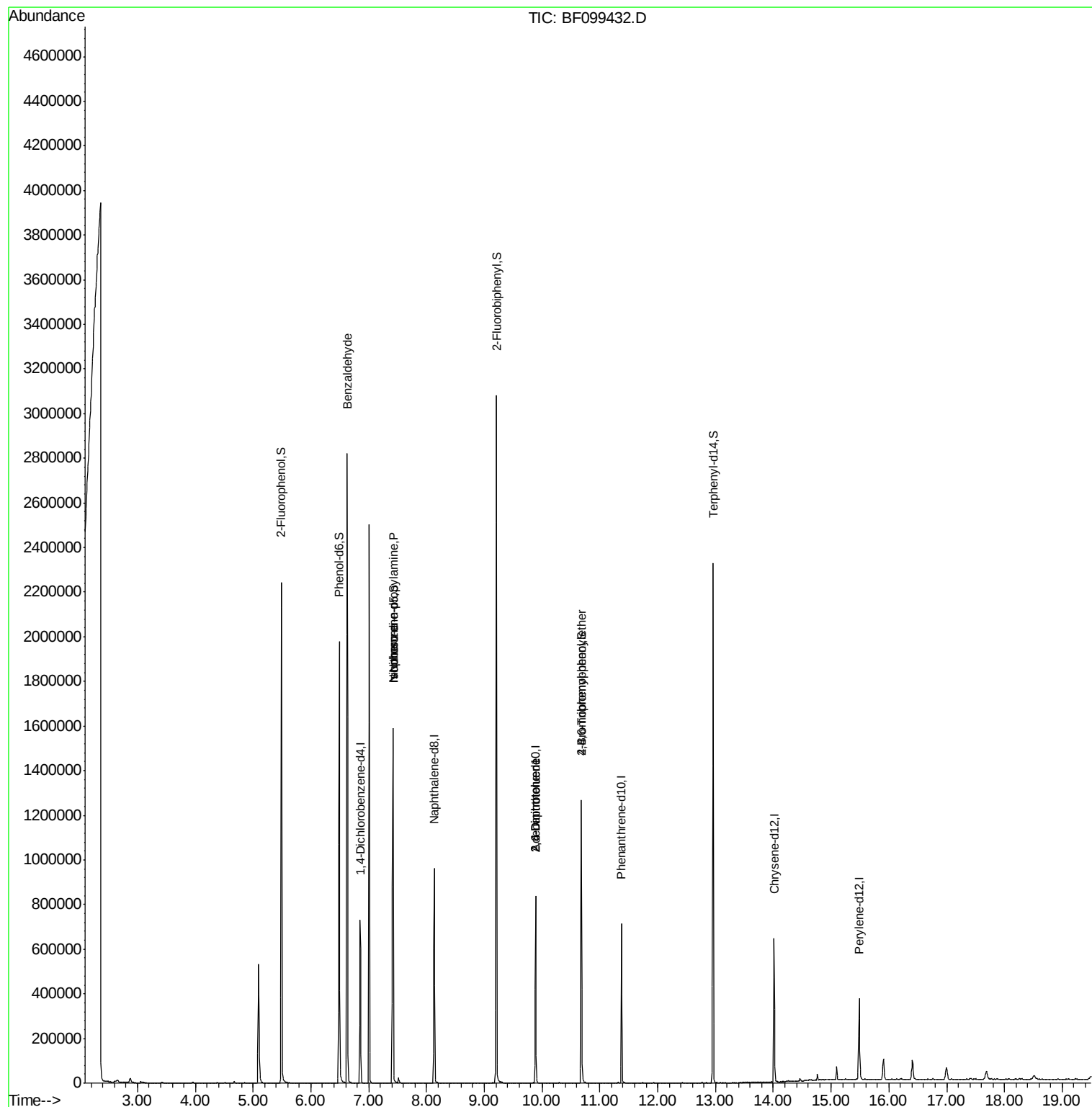
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	423037	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	158585	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	240960	20.00	ng	0.00
75) Chrysene-d12	14.02	240	209215	20.00	ng	0.00
86) Perylene-d12	15.49	264	149208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	766824	112.20	ng	0.02
7) Phenol-d6	6.49	99	792322	93.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	597006	90.50	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	157083	121.05	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1032525	108.69	ng	0.00
78) Terphenyl-d14	12.96	244	777520	84.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	16300	3.333	ng	86
19) n-Nitroso-di-n-propylamine	7.42	70	77319	14.363	ng	# 72
25) Isophorone	7.42	82	596997	43.773	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	20085	7.708	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	20085	5.939	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	10488	4.447	ng	# 1

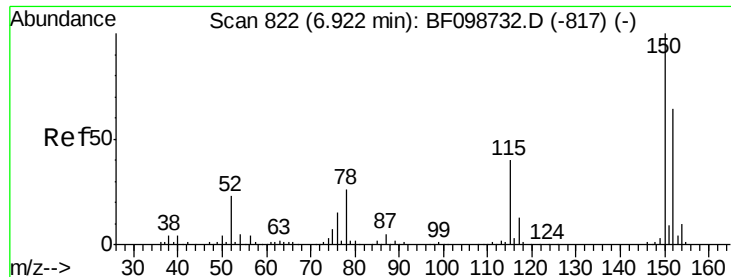
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101217\
Data File : BF099432.D
Acq On : 13 Oct 2017 10:11
Operator : SJ/JU
Sample : I5780-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1-8-COMP

Quant Time: Oct 13 13:19:57 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



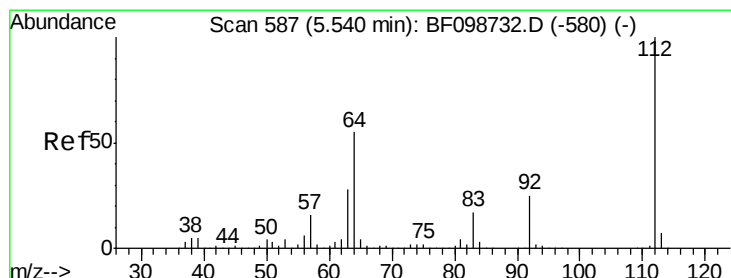
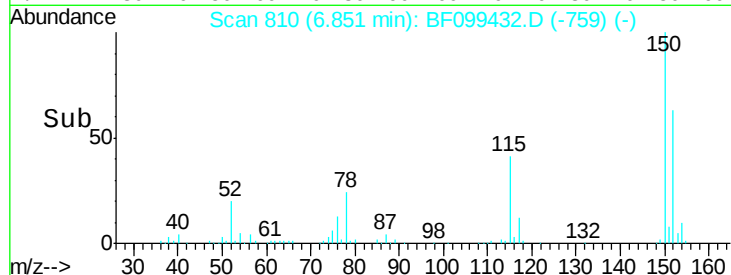
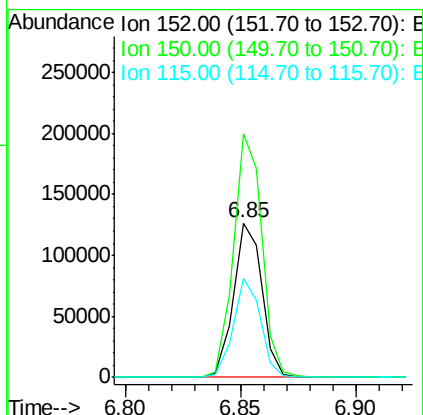
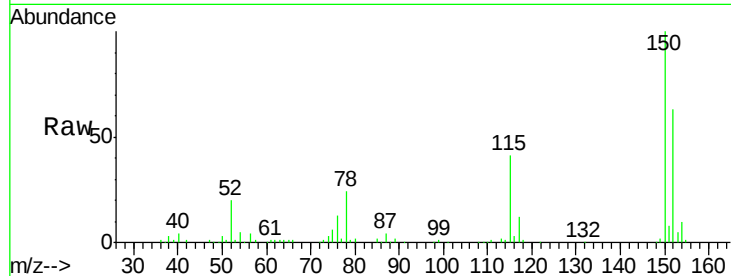


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099432.D
Acq: 13 Oct 2017 10:11

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1-8-COMP

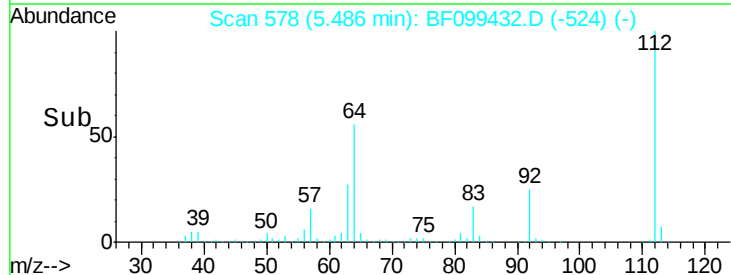
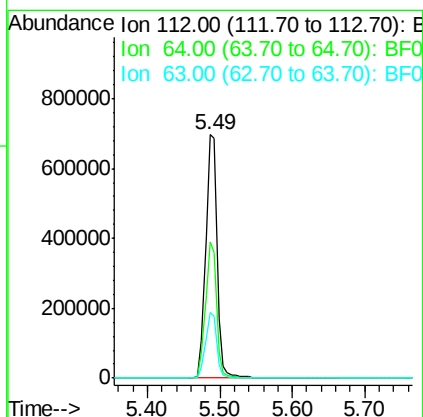
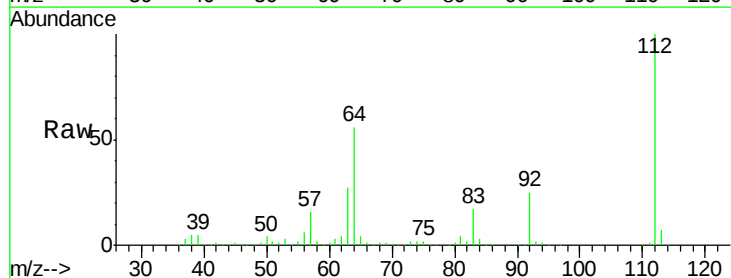
Tgt Ion:152 Resp: 108802
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 64.5 50.1 75.1

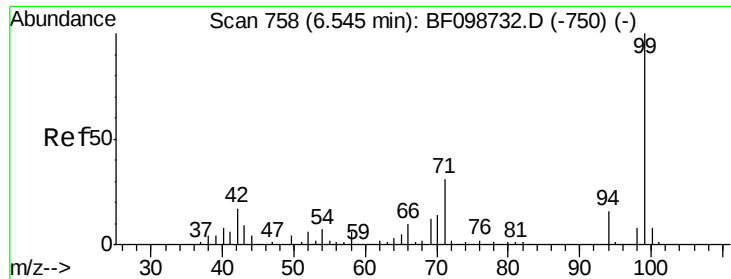


#5

2-Fluorophenol
Concen: 112.195 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099432.D
Acq: 13 Oct 2017 10:11

Tgt Ion:112 Resp: 766824
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 93.973 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099432.D

Acq: 13 Oct 2017 10:11

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-1-8-COMP

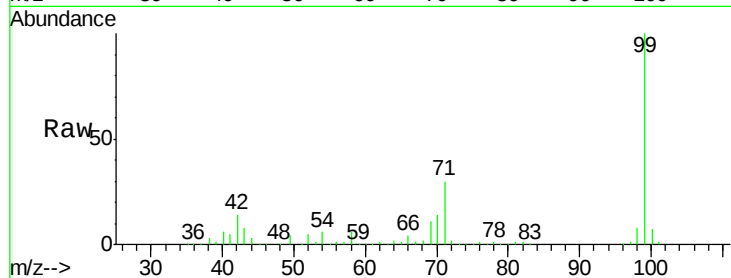
Tgt Ion: 99 Resp: 792322

Ion Ratio Lower Upper

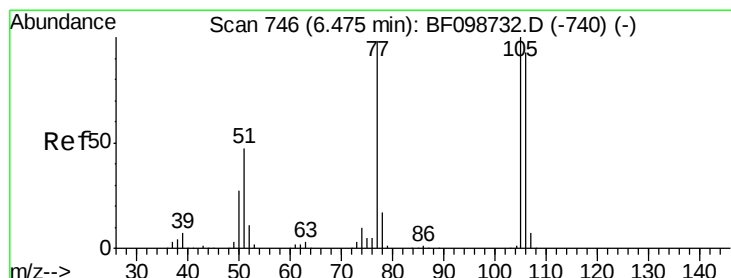
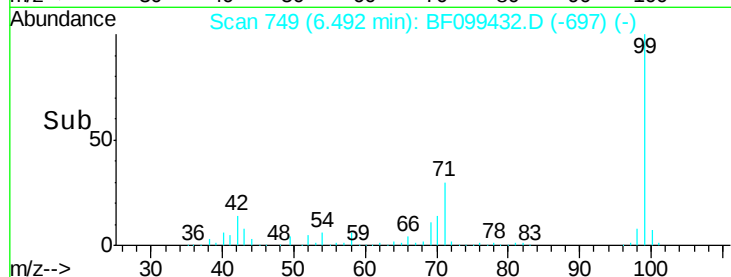
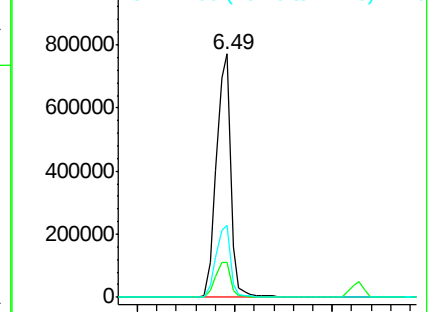
99 100

42 14.5 14.5 21.7

71 29.8 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: 3.333 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099432.D

Acq: 13 Oct 2017 10:11

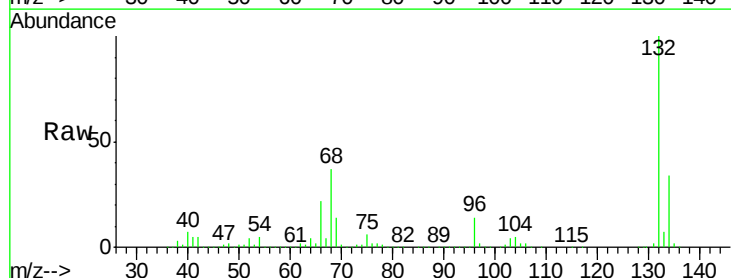
Tgt Ion: 77 Resp: 16300

Ion Ratio Lower Upper

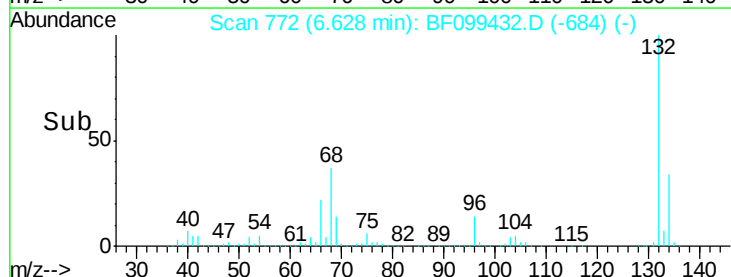
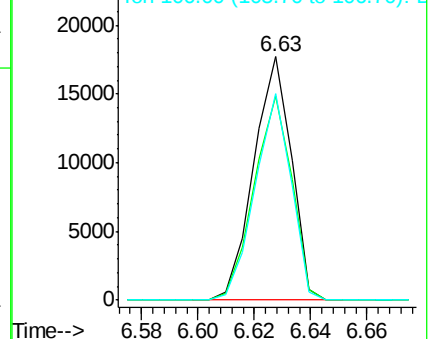
77 100

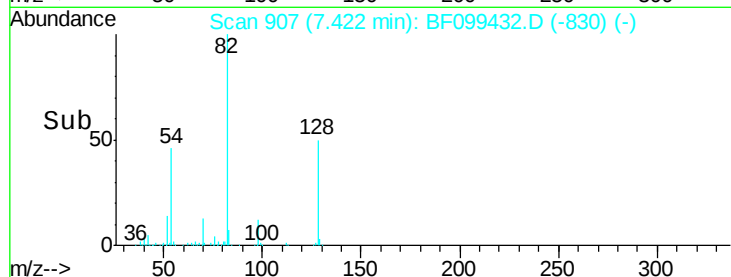
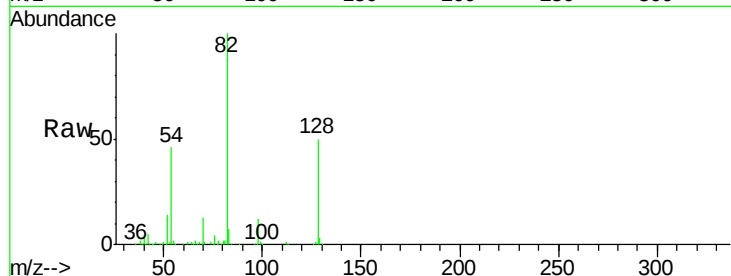
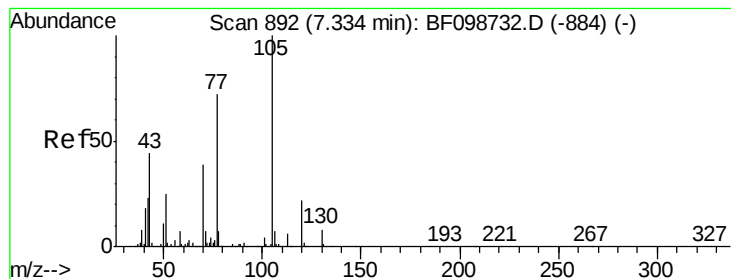
105 83.9 81.1 121.1

106 84.7 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





#19

n-Nitroso-di-n-propylamine

Concen: 14.363 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099432.D

Acq: 13 Oct 2017 10:11

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-1-8-COMP

Tgt Ion: 70 Resp: 77319

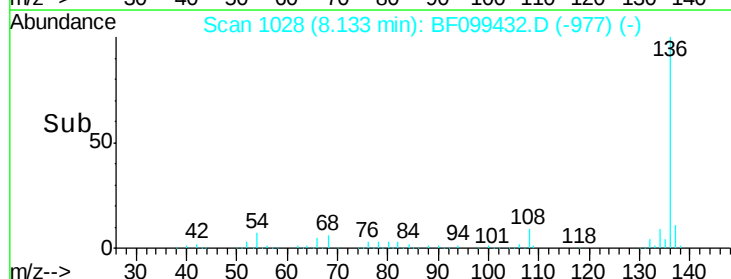
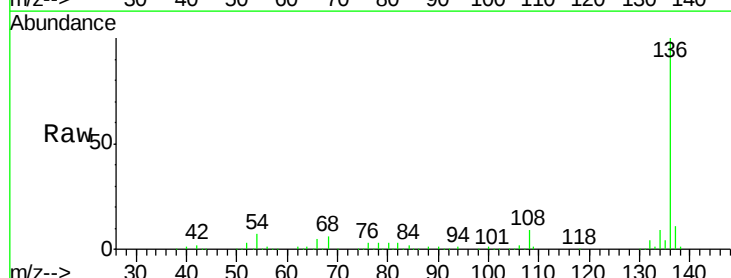
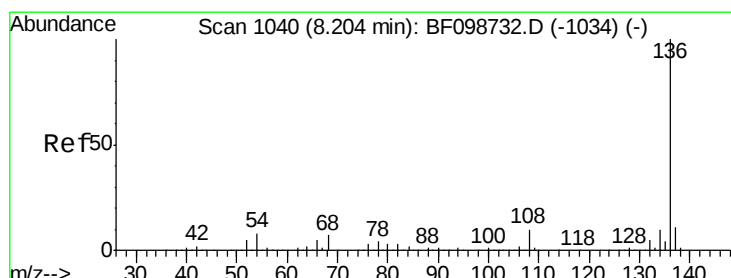
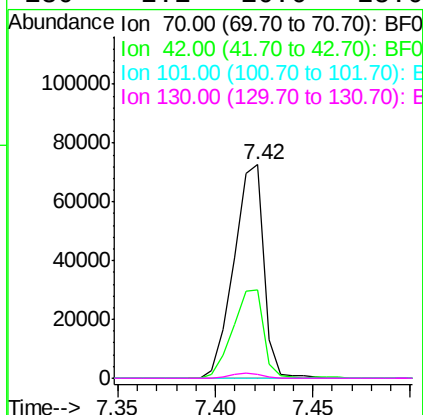
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099432.D

Acq: 13 Oct 2017 10:11

Tgt Ion: 136 Resp: 423037

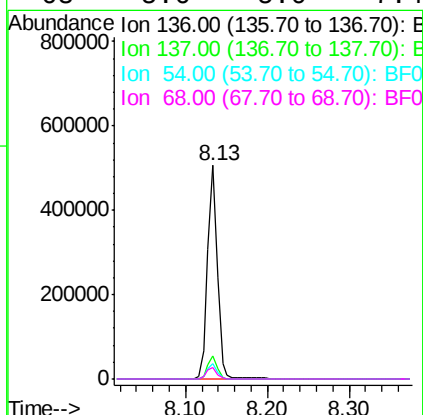
Ion Ratio Lower Upper

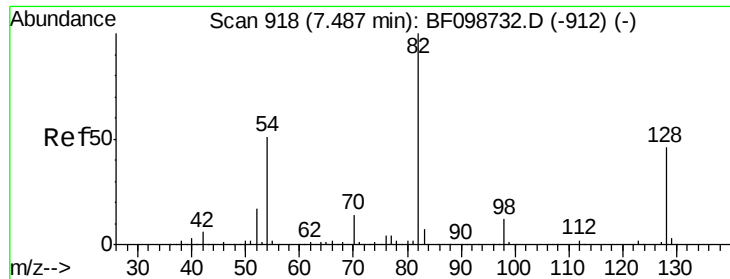
136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

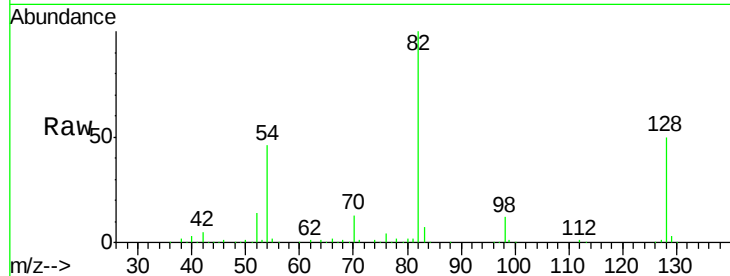




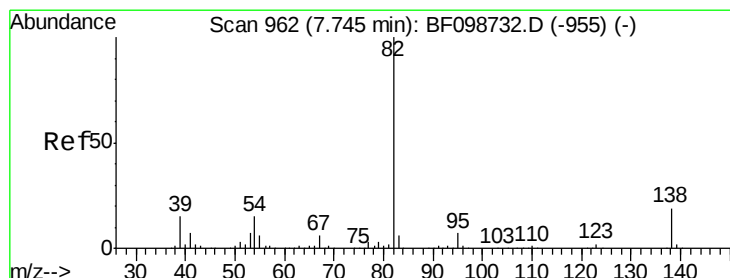
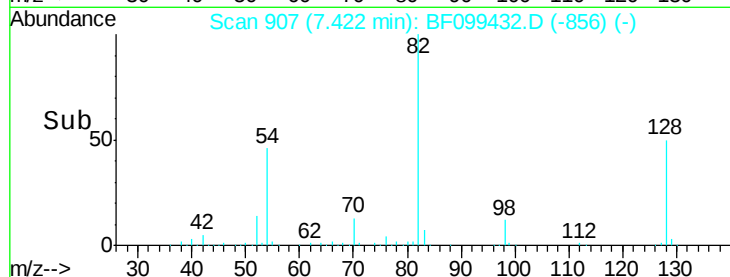
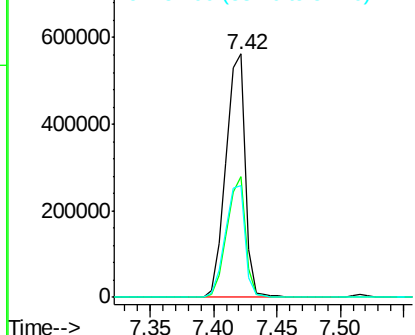
#23
 Nitrobenzene-d5
 Concen: 90.503 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion: 82 Resp: 597006
 Ion Ratio Lower Upper
 82 100
 128 49.7 36.1 54.1
 54 46.0 41.4 62.2

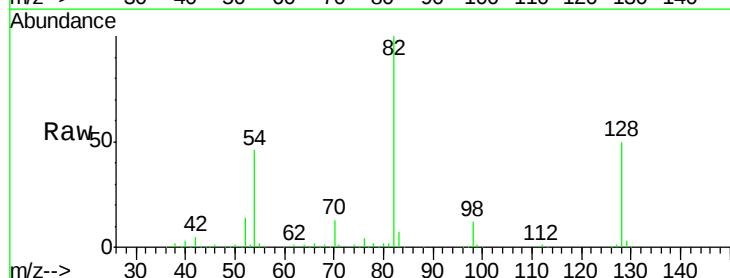


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

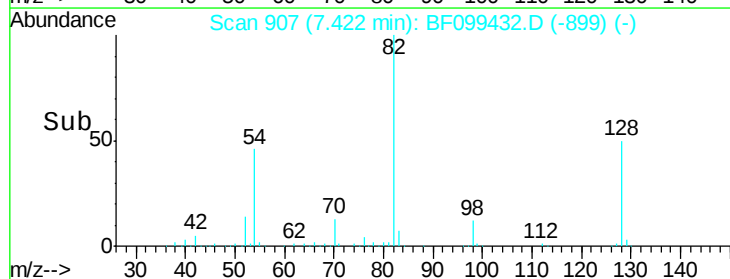
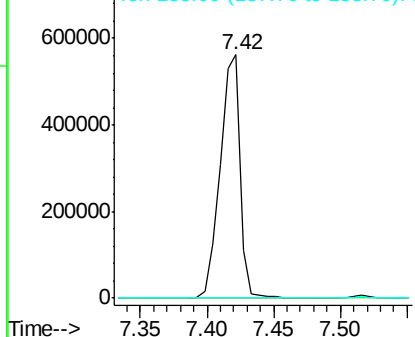


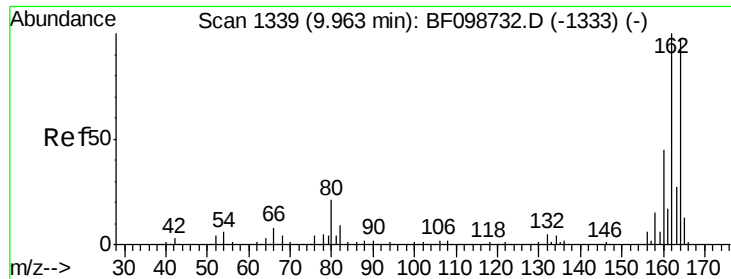
#25
 Isophorone
 Concen: 43.773 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.25 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Tgt Ion: 82 Resp: 596997
 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

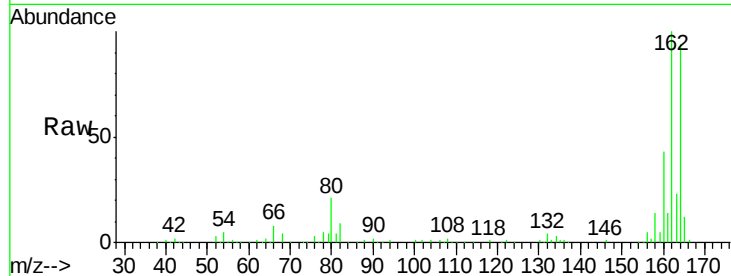




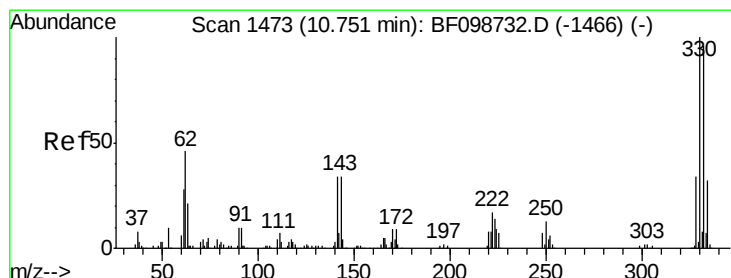
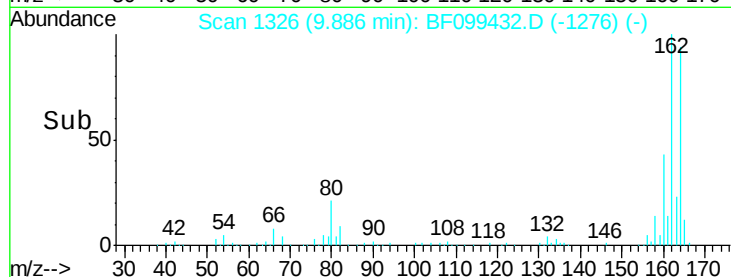
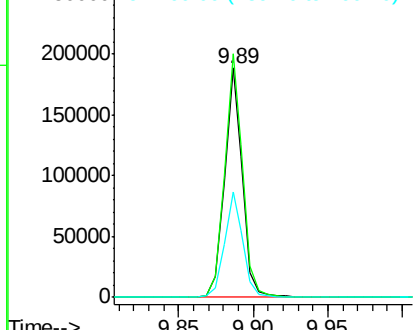
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion:164 Resp: 158585
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.0 38.3 57.5

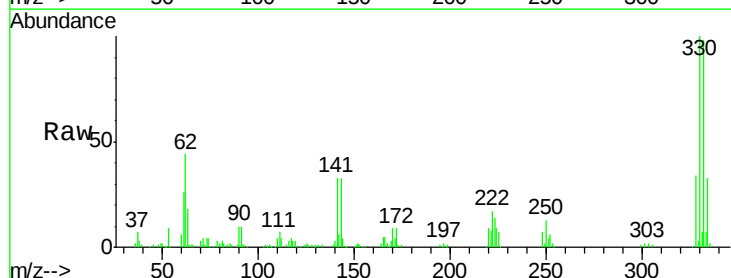


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

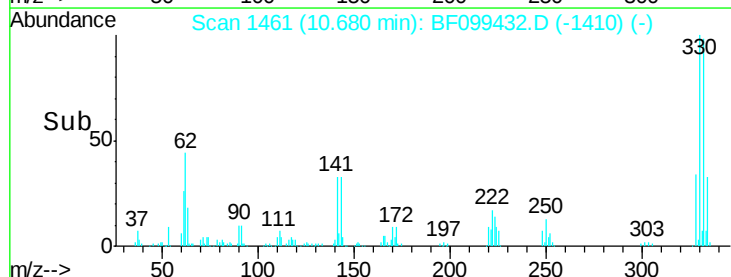
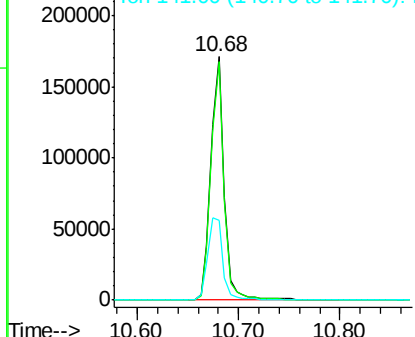


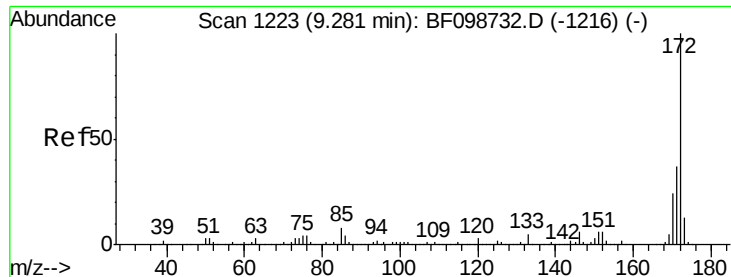
#41
 2,4,6-Tribromophenol
 Concen: 121.051 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Tgt Ion:330 Resp: 157083
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.5 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

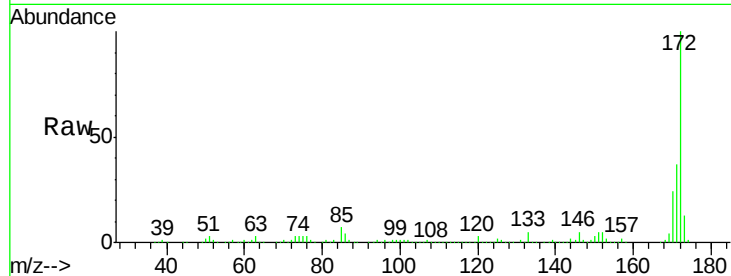




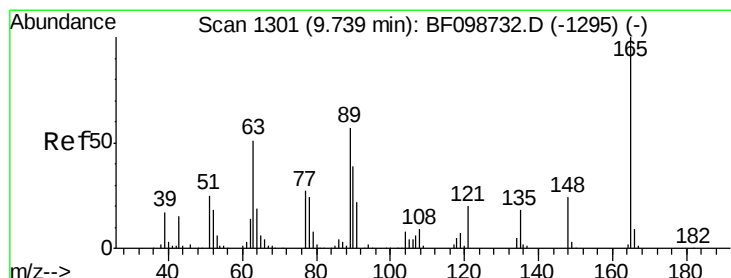
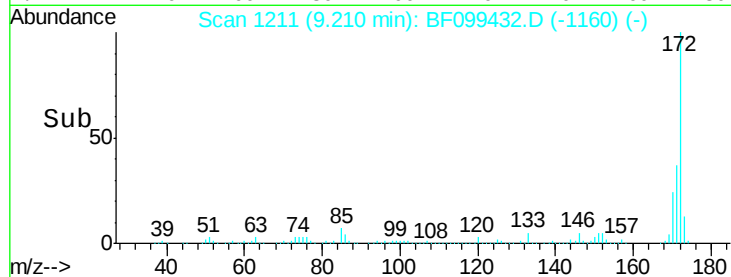
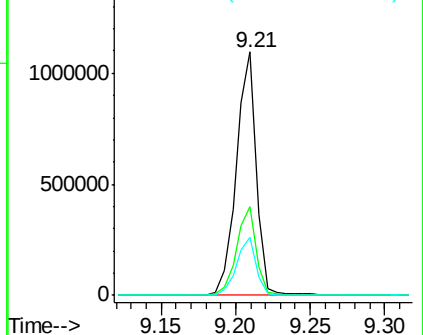
#44
 2-Fluorobiphenyl
 Concen: 108.693 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion:172 Resp: 1032525
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 19.6 29.4

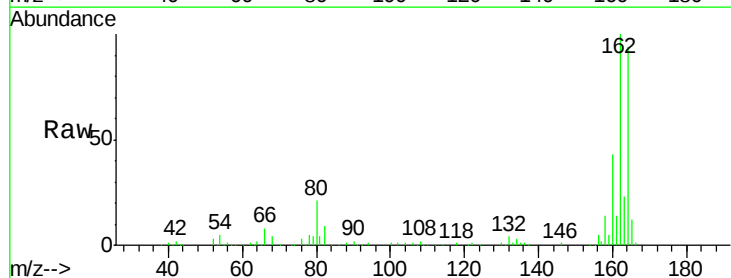


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

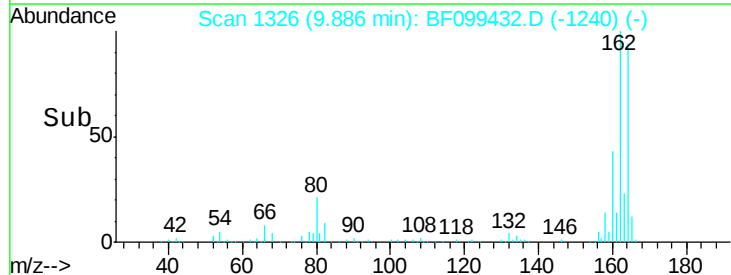
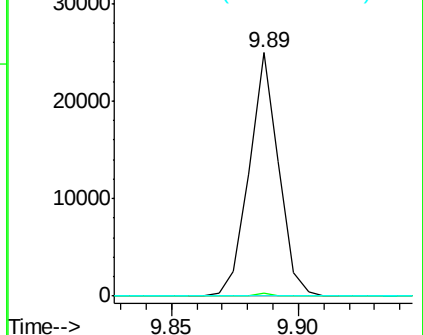


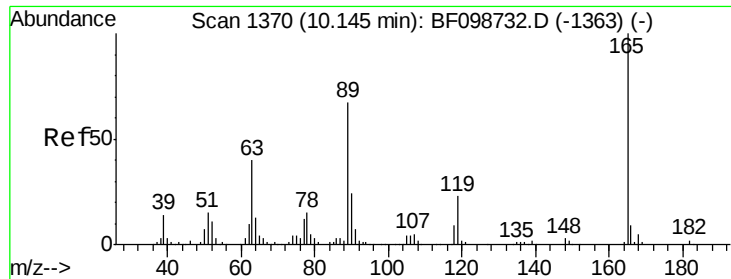
#50
 2,6-Dinitrotoluene
 Concen: 7.708 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Tgt Ion:165 Resp: 20085
 Ion Ratio Lower Upper
 165 100
 63 1.3 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

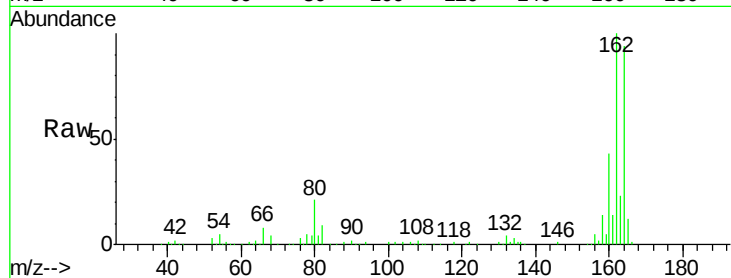




#56
 2,4-Dinitrotoluene
 Concen: 5.939 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion:	165	Resp:	20085
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

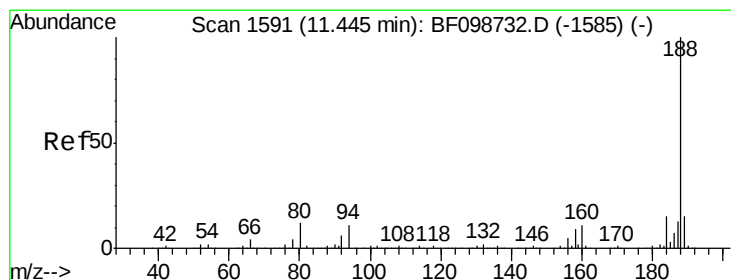
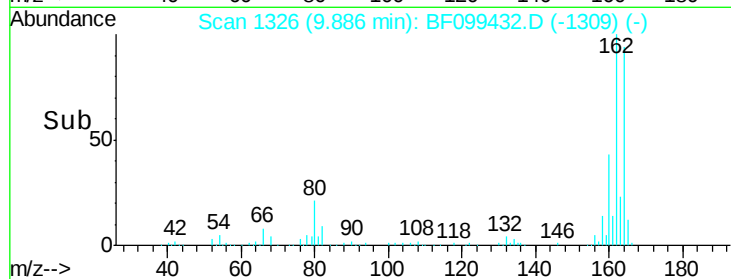
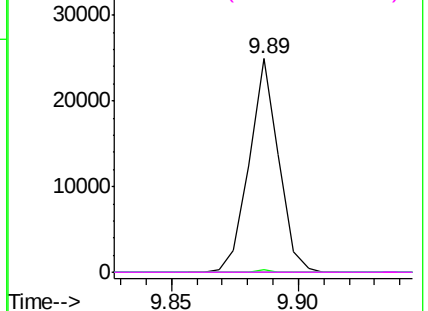


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

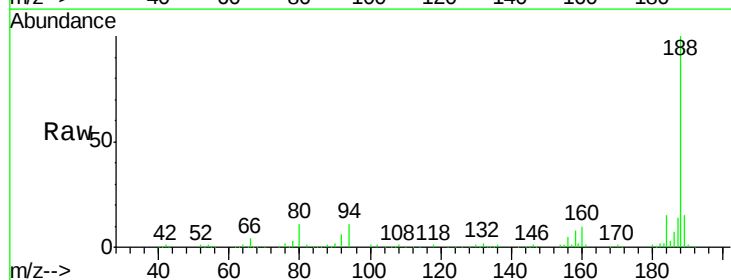
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

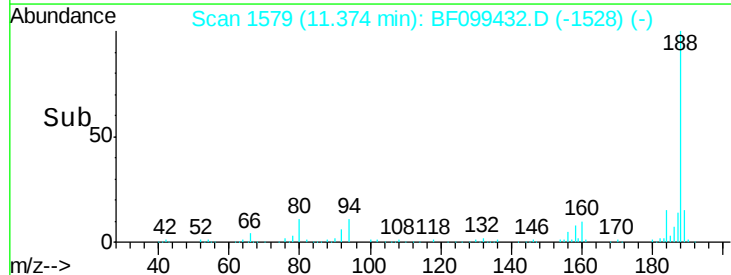
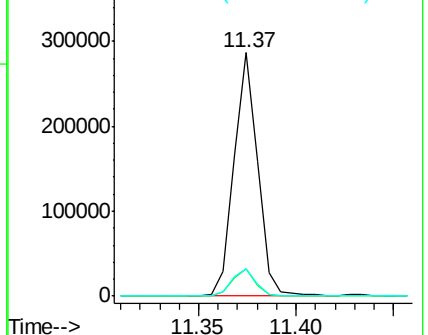
Tgt Ion:	188	Resp:	240960
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8

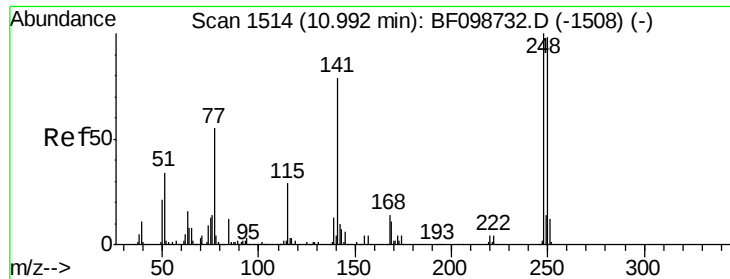


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

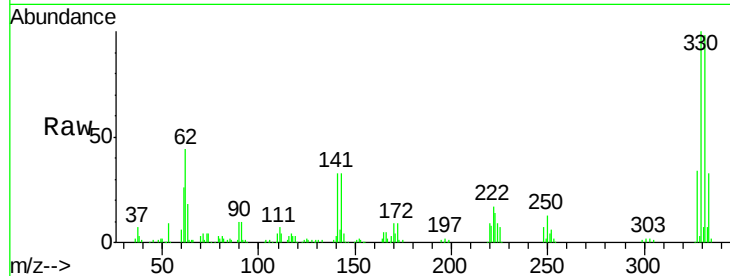




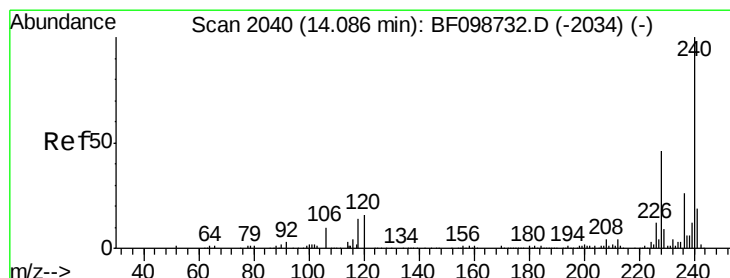
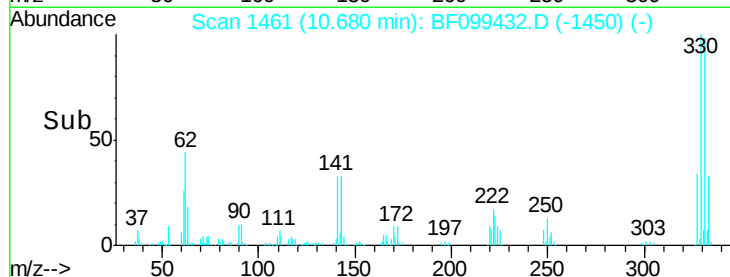
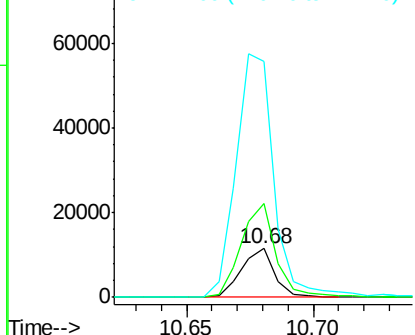
#66
 4-Bromophenyl-phenylether
 Concen: 4.447 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion:248 Resp: 10488
 Ion Ratio Lower Upper
 248 100
 250 191.2 76.9 115.3#
 141 483.0 74.4 111.6#

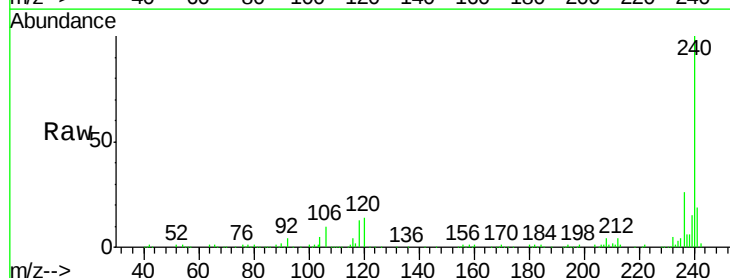


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

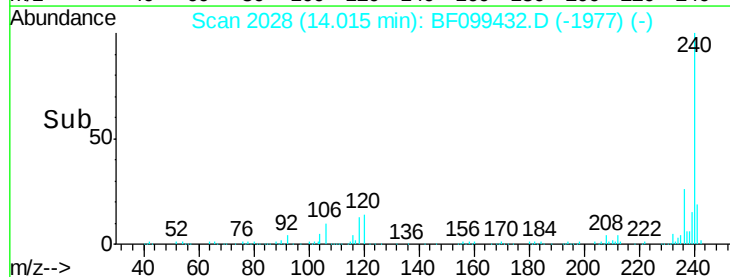
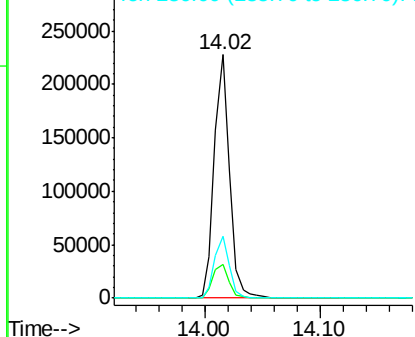


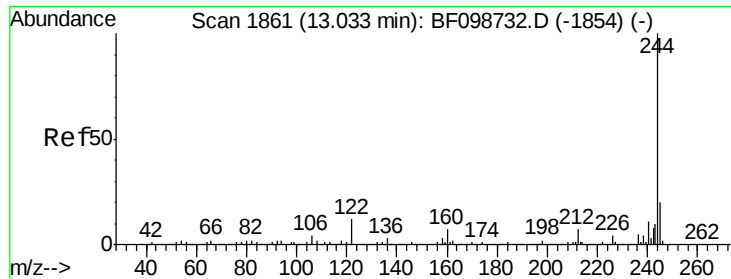
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Tgt Ion:240 Resp: 209215
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 25.6 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

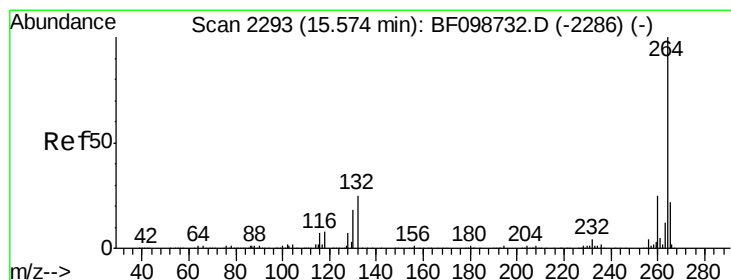
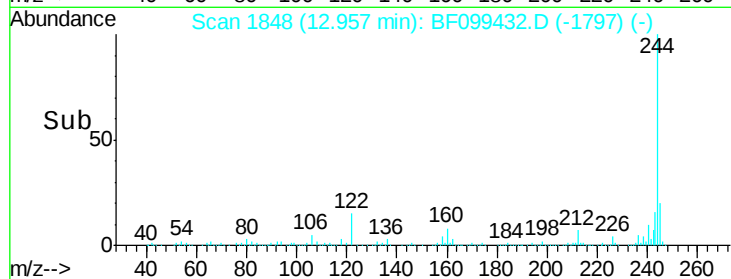
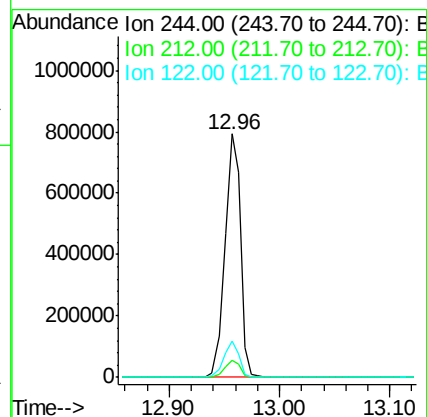
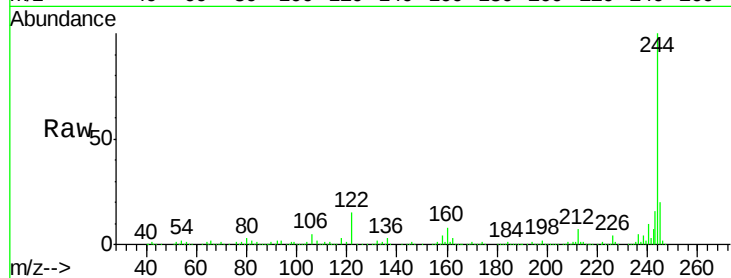




#78
 Terphenyl-d14
 Concen: 84.518 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1-8-COMP

Tgt Ion: 244 Resp: 777520
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099432.D
 Acq: 13 Oct 2017 10:11

Tgt Ion: 264 Resp: 149208
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.4 17.5 26.3

