

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099636.D
 Acq On : 19 Oct 2017 00:01
 Operator : SJ/JU
 Sample : I5935-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 00:41:50 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

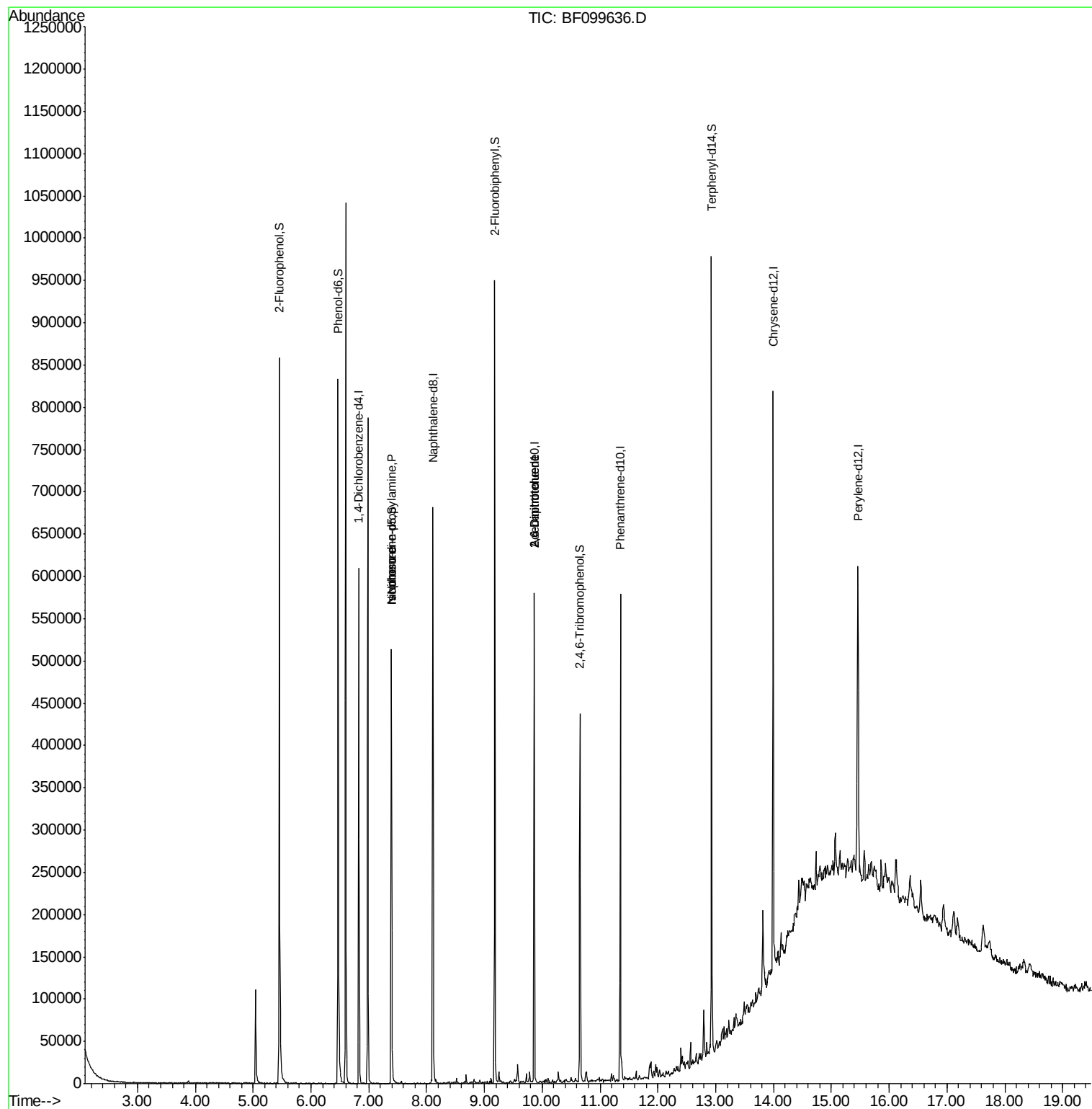
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88812	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	311418	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	112177	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	199275	20.00	ng	0.00
75) Chrysene-d12	13.99	240	210942	20.00	ng	0.00
86) Perylene-d12	15.46	264	166230	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	270852	48.55	ng	0.00
7) Phenol-d6	6.47	99	306197	44.49	ng	-0.01
23) Nitrobenzene-d5	7.39	82	162482	33.46	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	46085	50.21	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	283224	42.15	ng	0.00
78) Terphenyl-d14	12.93	244	262481	28.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	19883	4.525	ng	# 75
25) Isophorone	7.39	82	162481	16.184	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	14321	7.770	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	14321	5.987	ng	# 21

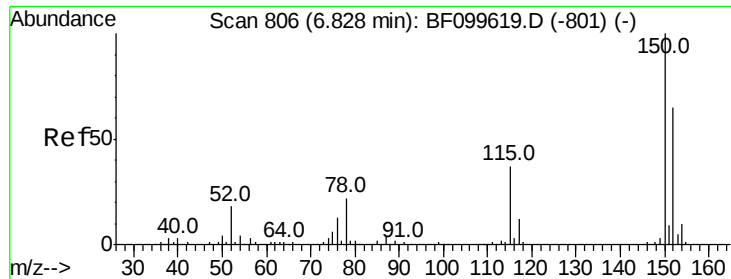
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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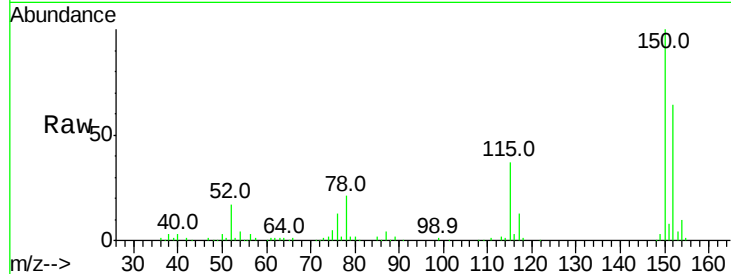


#1

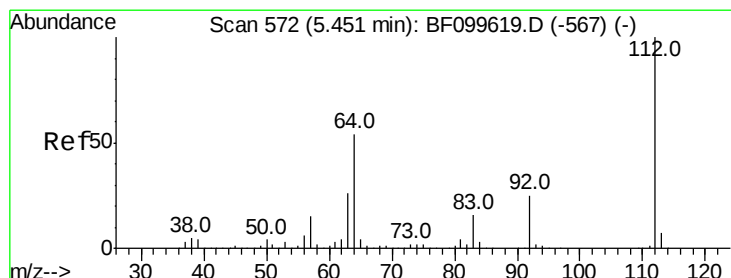
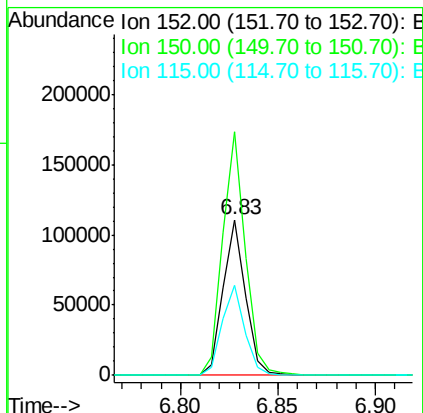
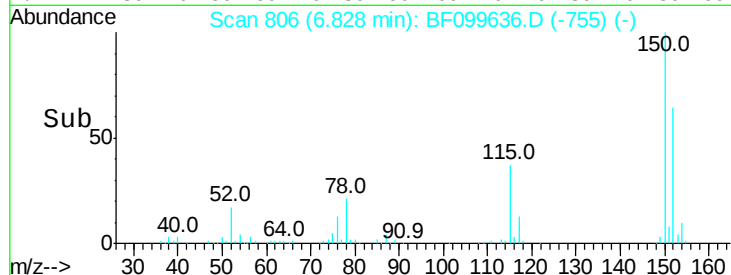
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 88812
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.1 50.1 75.1



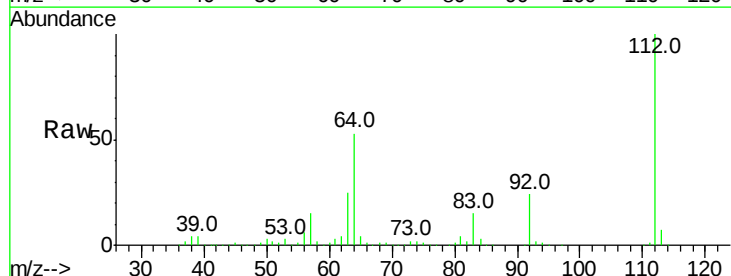
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



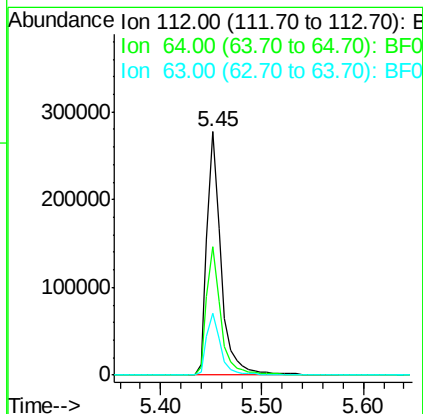
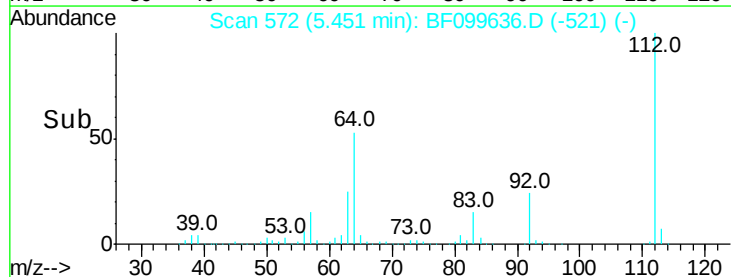
#5

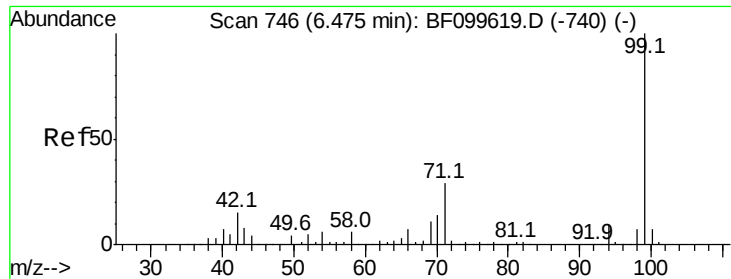
2-Fluorophenol
Concen: 48.549 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Tgt Ion:112 Resp: 270852
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 25.2 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: 44.490 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Instrument :

BNA_F

ClientSampleId :

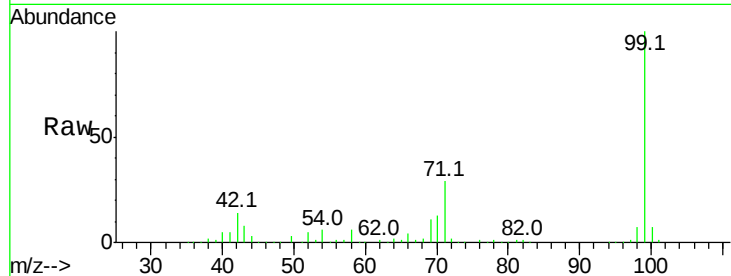
Tot Ion: 99 Resp: 306197

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

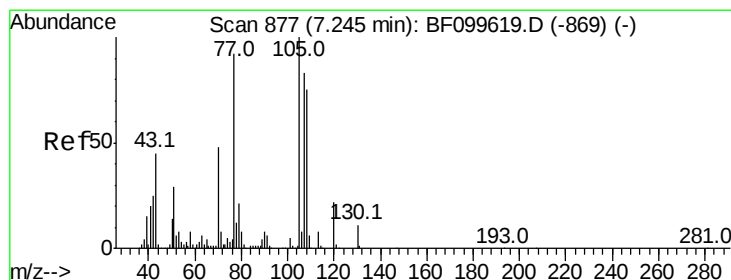
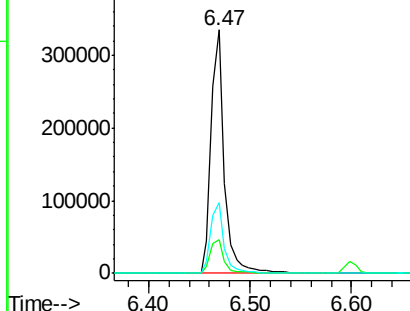
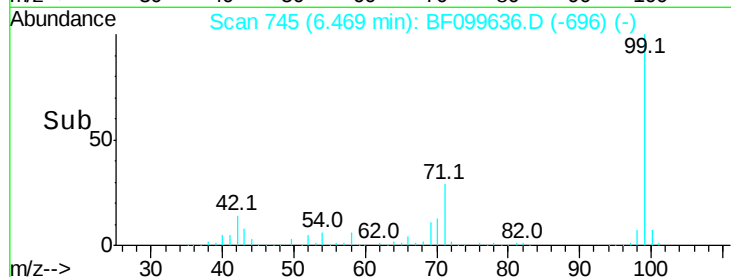
71 29.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.525 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Tgt Ion: 70 Resp: 19883

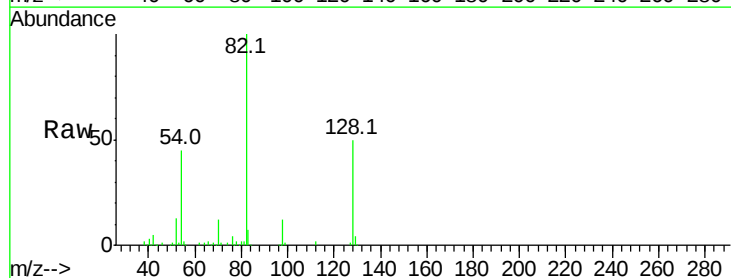
Ion Ratio Lower Upper

70 100

42 44.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

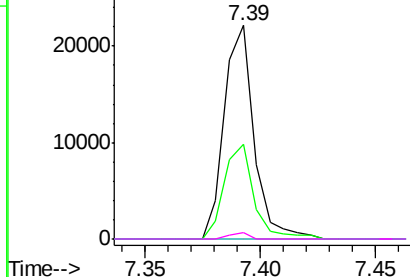
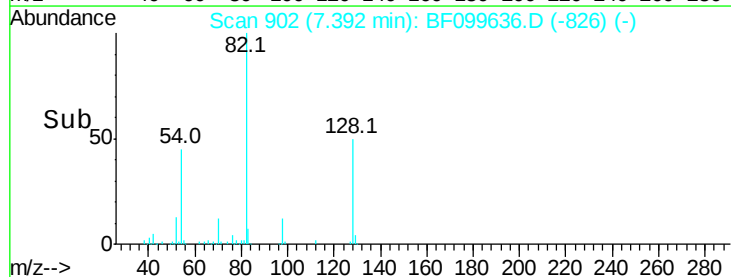


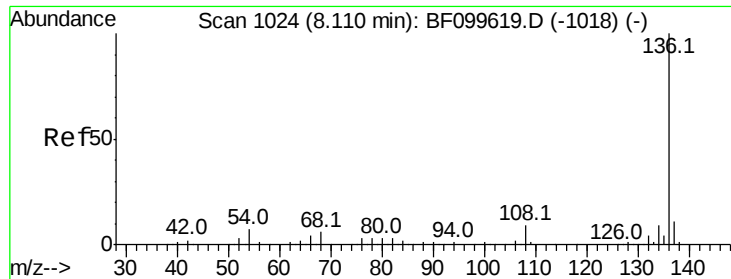
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

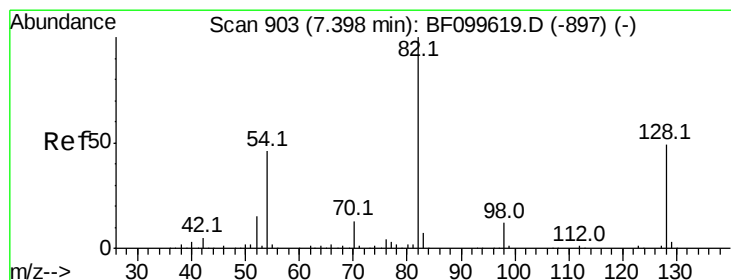
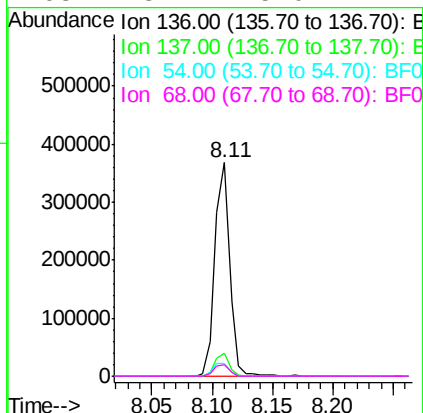
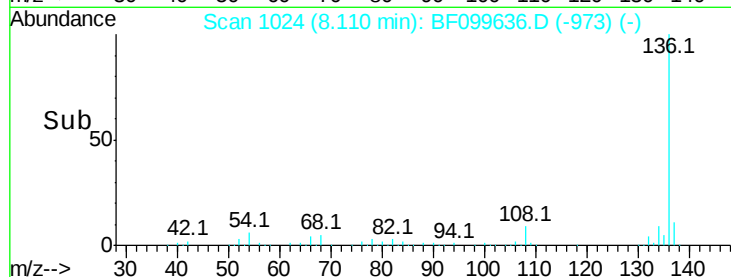
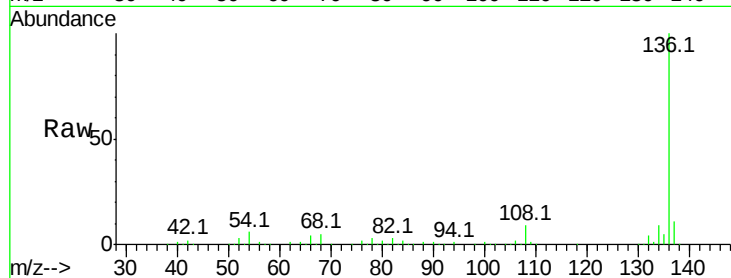




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

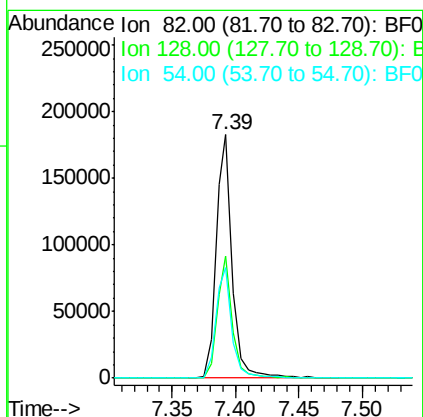
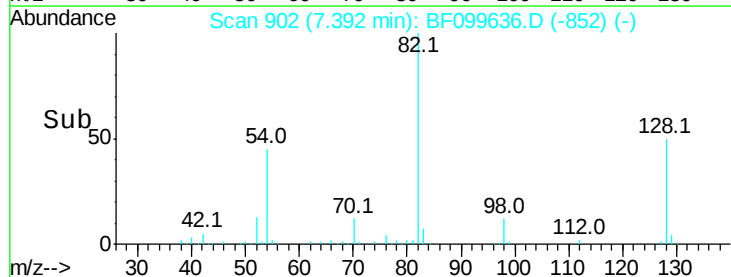
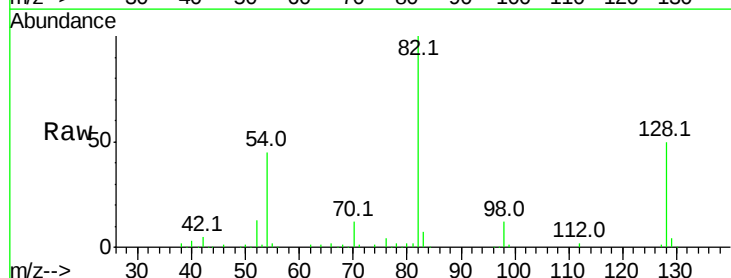
Instrument :
BNA_F
ClientSampleId :

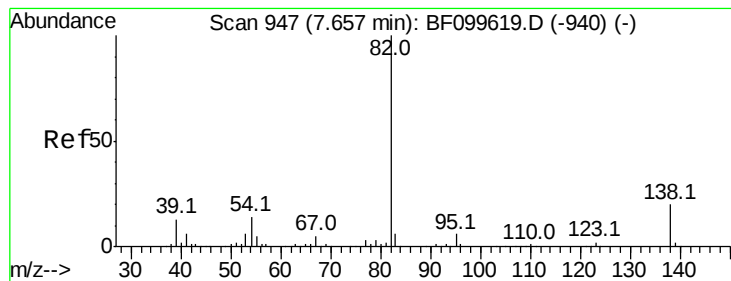
Tot Ion:	136	Resp:	311418
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 33.460 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Tgt Ion:	82	Resp:	162482
Ion	Ratio	Lower	Upper
82	100		
128	50.3	36.1	54.1
54	45.5	41.4	62.2





#25

Isophorone

Concen: 16.184 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

Instrument :

BNA_F

ClientSampled :

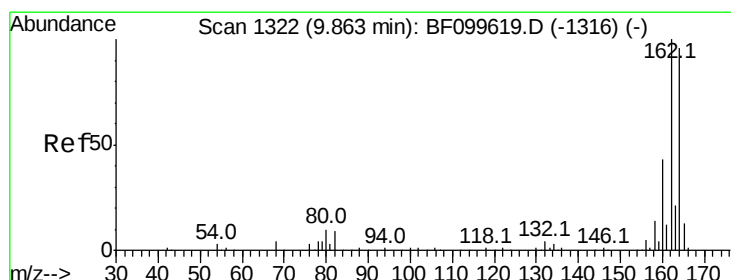
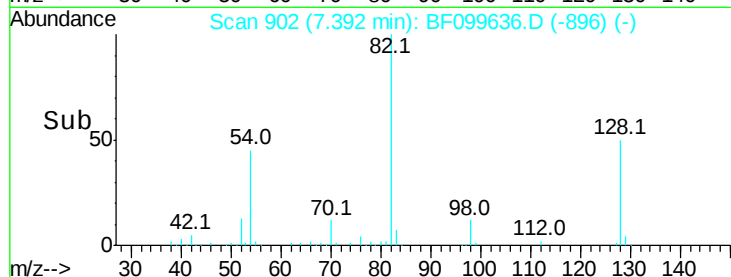
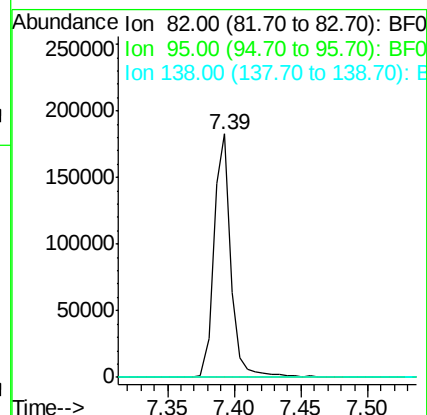
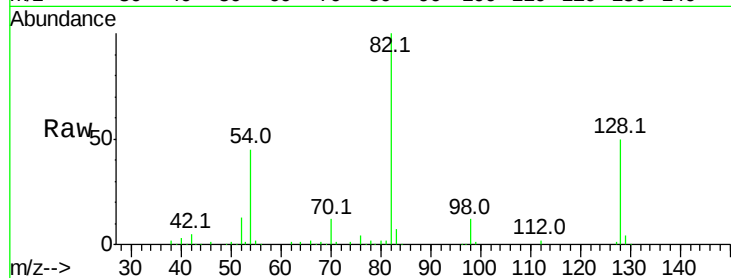
Tot Ion: 82 Resp: 162481

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099636.D

Acq: 19 Oct 2017 00:01

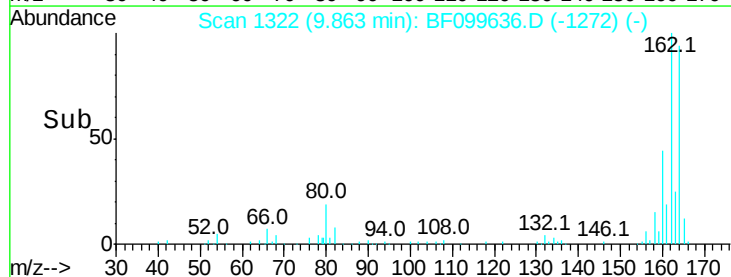
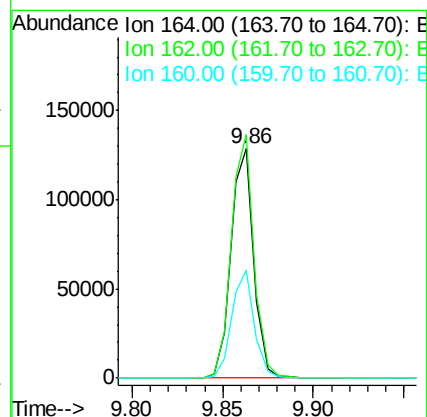
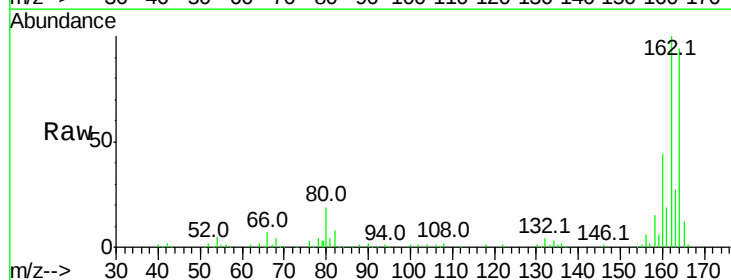
Tgt Ion: 164 Resp: 112177

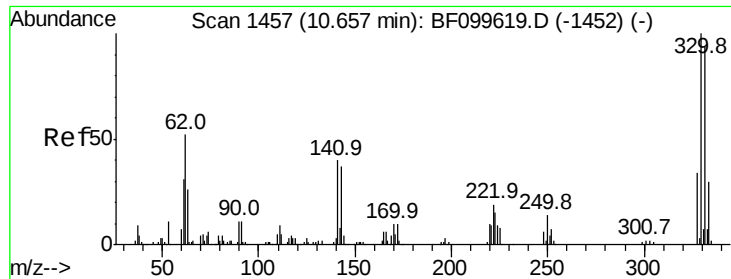
Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

160 46.8 38.3 57.5

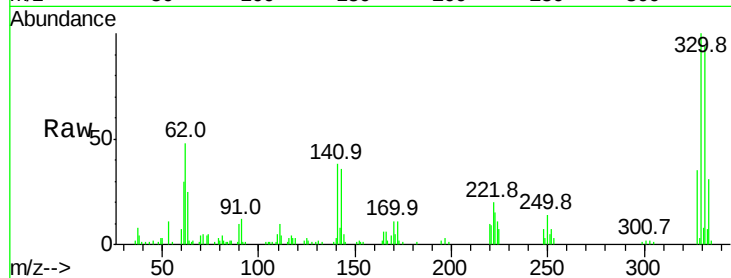




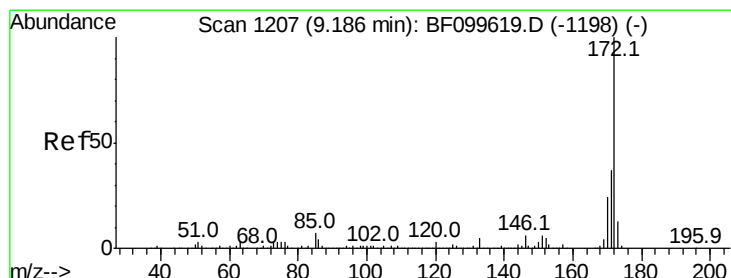
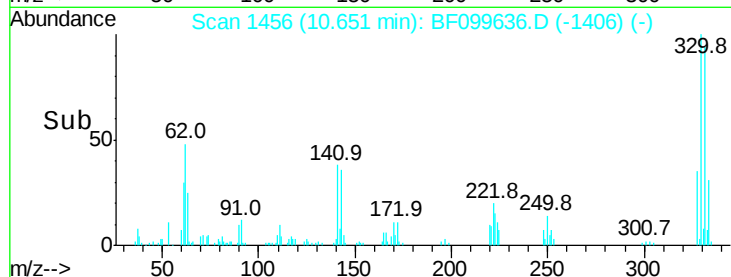
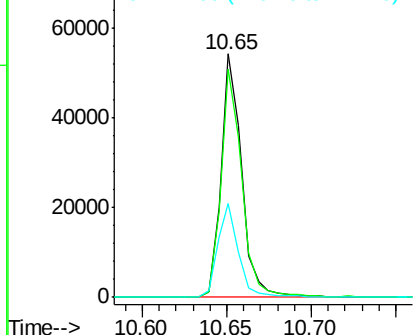
#41
 2,4,6-Tribromophenol
 Concen: 50.206 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 46085
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 38.8 29.9 44.9

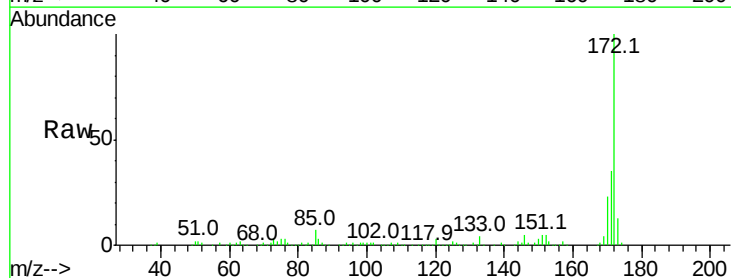


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

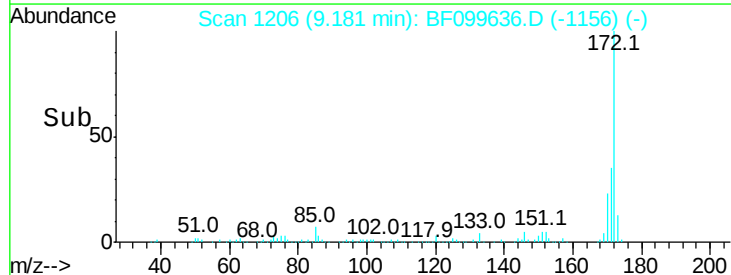
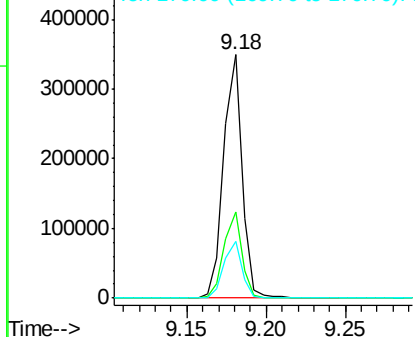


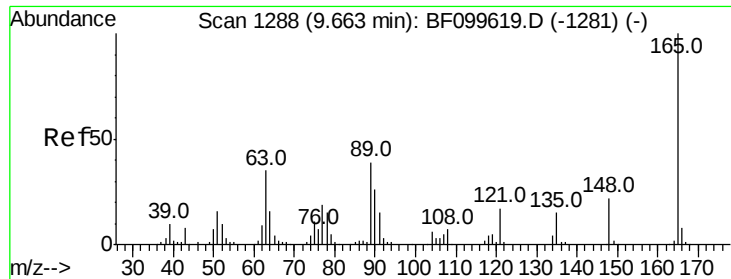
#44
 2-Fluorobiphenyl
 Concen: 42.149 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Tgt Ion:172 Resp: 283224
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

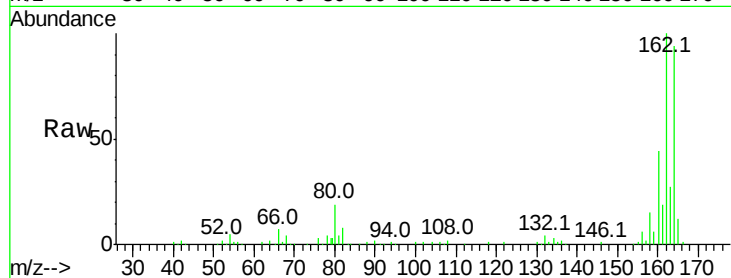




#50
 2,6-Dinitrotoluene
 Concen: 7.770 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :

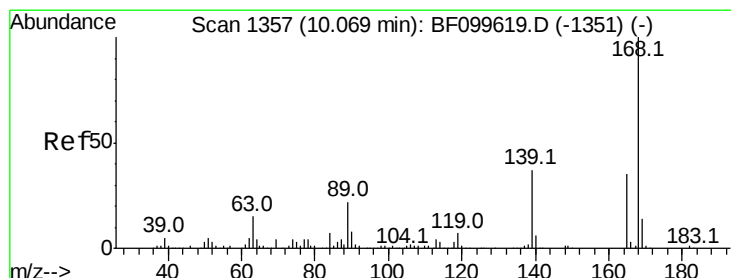
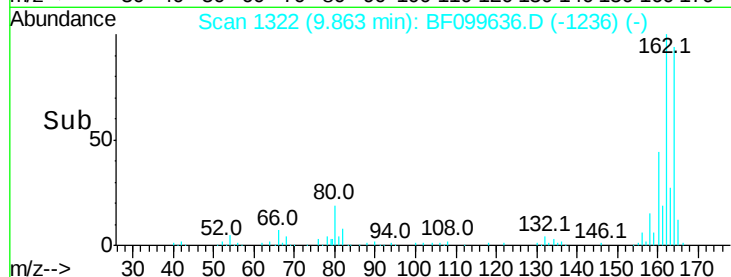
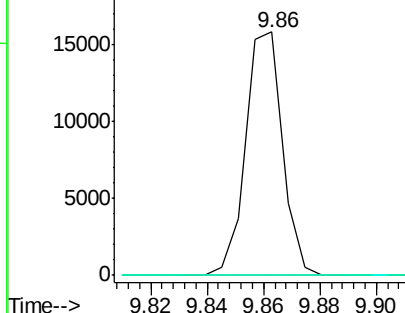
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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: 5.987 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.21 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

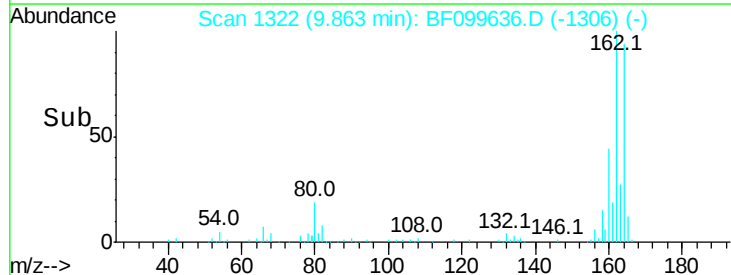
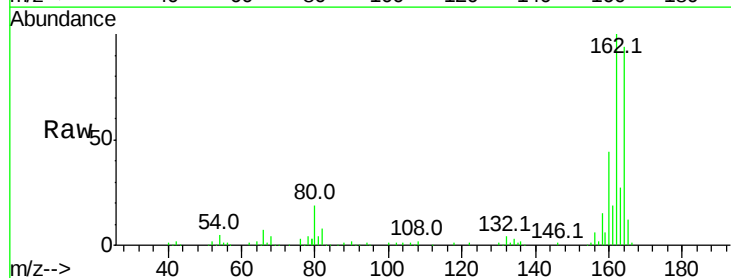
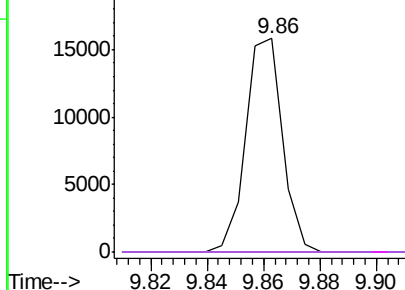
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

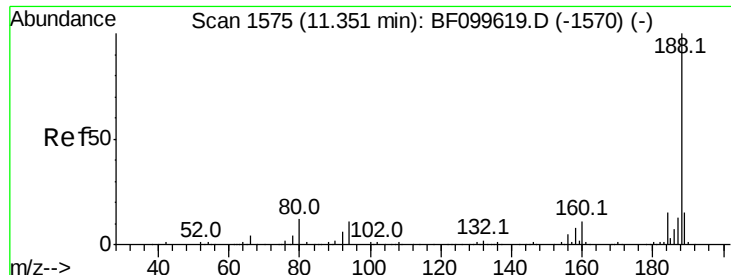
Abundance Ion 165.00 (164.70 to 165.70): E

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

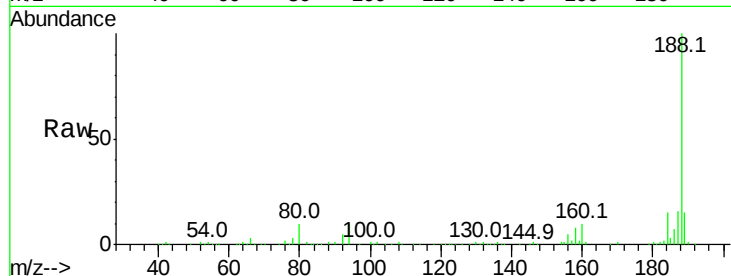




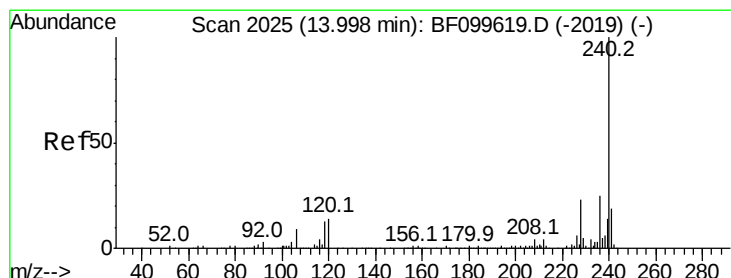
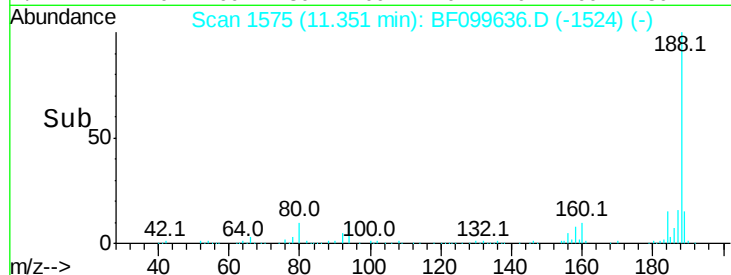
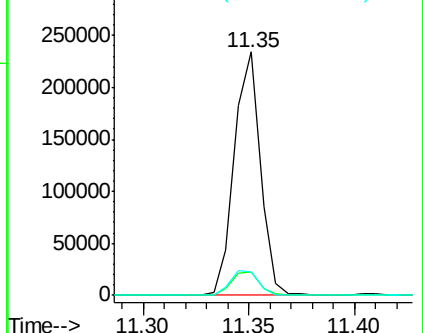
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8

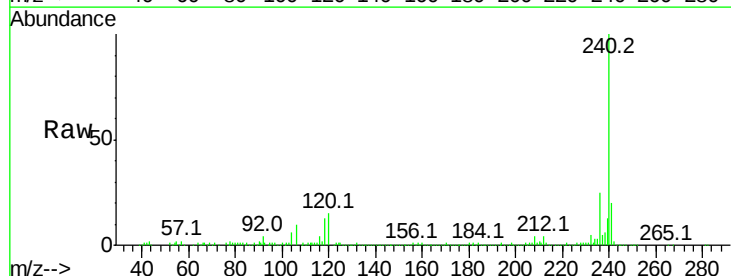


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

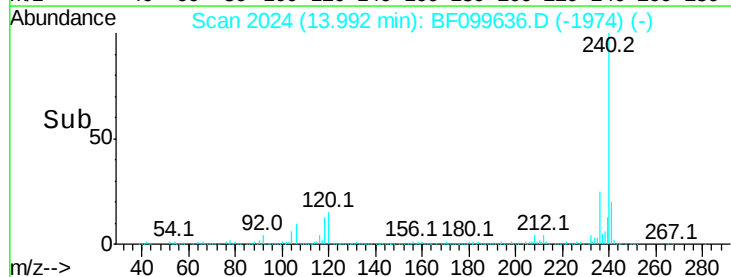
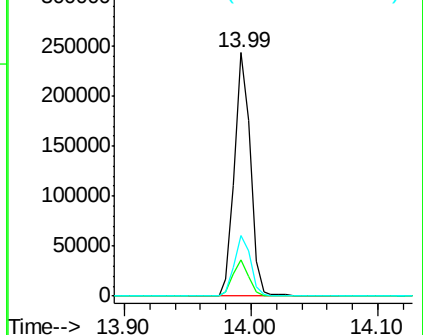


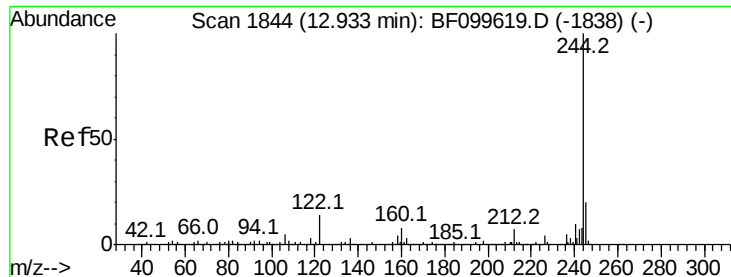
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099636.D
Acq: 19 Oct 2017 00:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	25.0	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

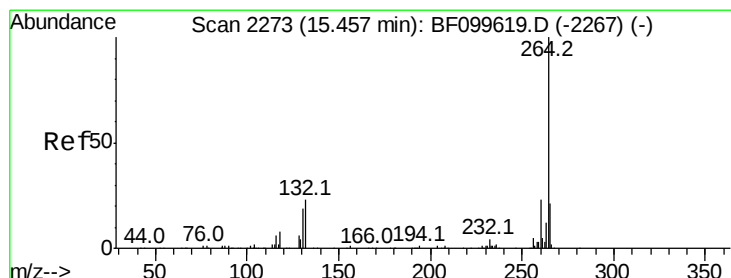
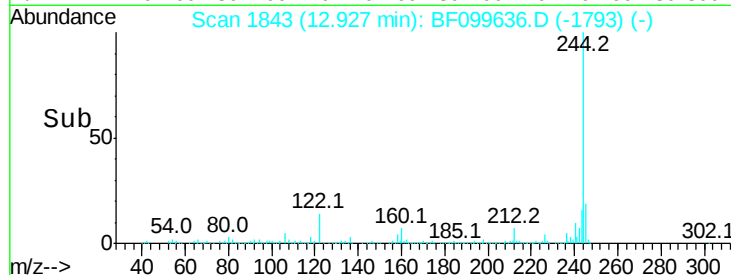
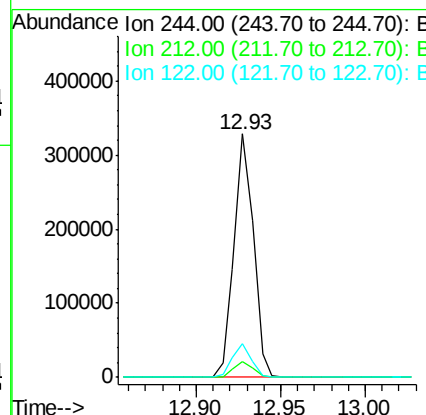
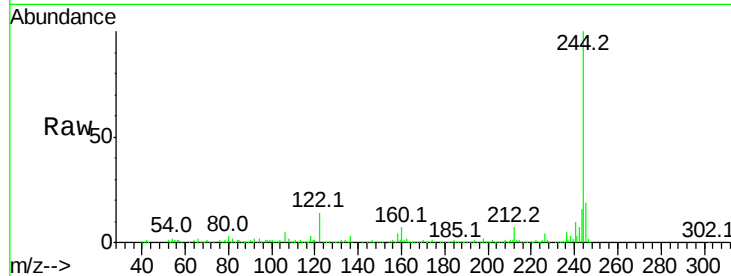




#78
 Terphenyl-d14
 Concen: 28.299 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 262481
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF099636.D
 Acq: 19 Oct 2017 00:01

Tgt Ion:264 Resp: 166230
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.2 17.5 26.3

