

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099663.D
 Acq On : 19 Oct 2017 18:06
 Operator : SJ/JU
 Sample : I5869-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 12:48:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 19 19:55:56 2017
 Response via : Initial Calibration

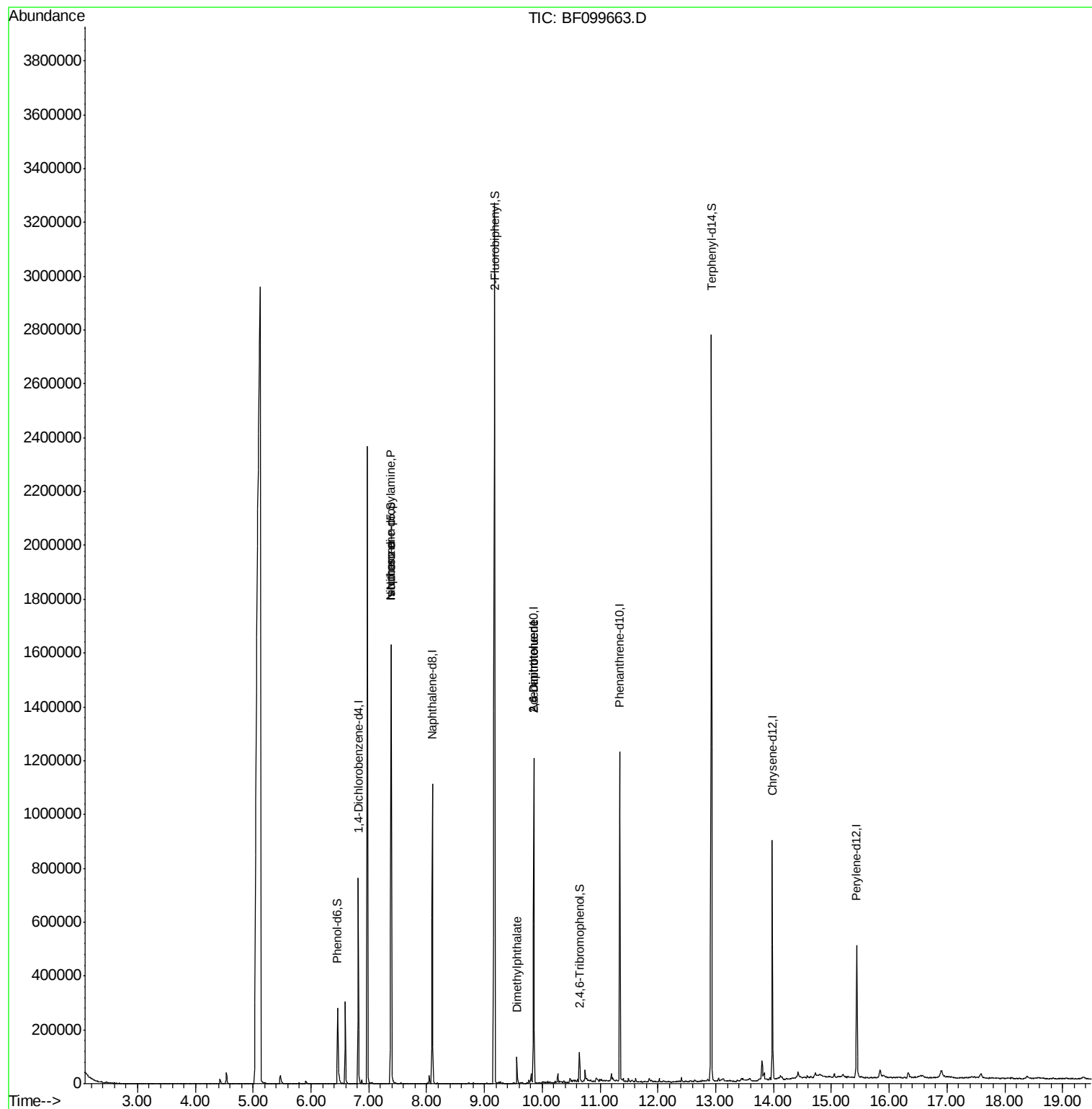
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	124011	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	508447	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	238345	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	421329	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	272181	20.00	ng	-0.02
86) Perylene-d12	15.44	264	213004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	15578	2.00	ng	0.02
7) Phenol-d6	6.46	99	121757	12.67	ng	-0.02
23) Nitrobenzene-d5	7.39	82	667880	84.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	13403	6.87	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1239787	86.84	ng	-0.01
78) Terphenyl-d14	12.93	244	1030322	86.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	84050	13.699	ng	# 73
25) Isophorone	7.39	82	667872	40.744	ng	# 64
49) Dimethylphthalate	9.57	163	42932	2.387	ng	99
50) 2,6-Dinitrotoluene	9.85	165	29765	7.600	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	29765	5.856	ng	# 23

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

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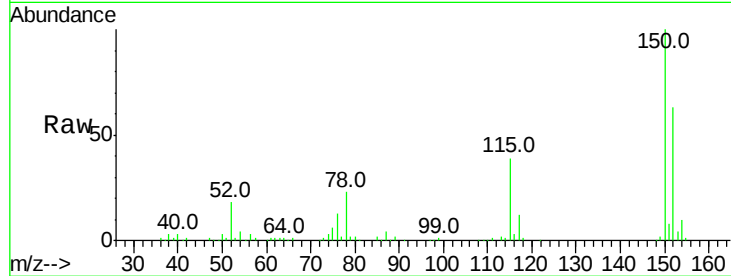


#1

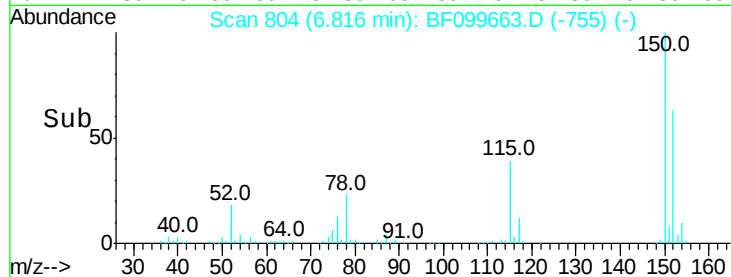
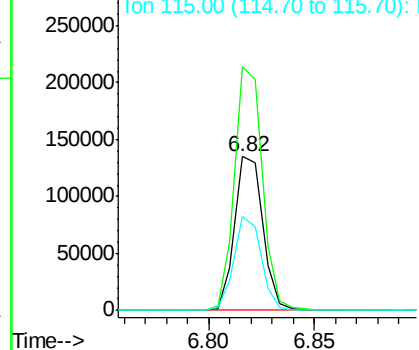
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 124011
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 61.3 50.1 75.1



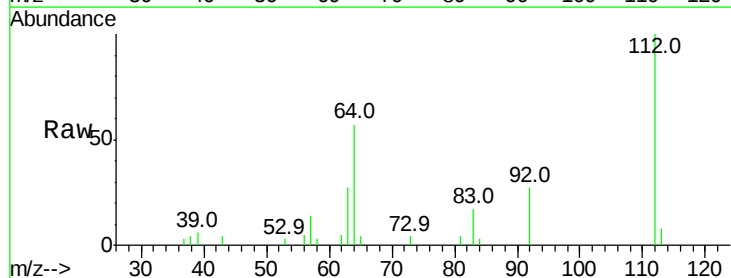
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



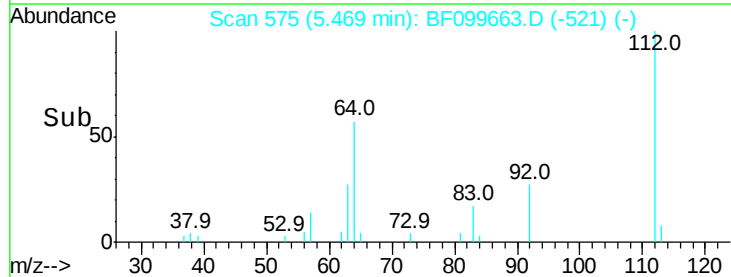
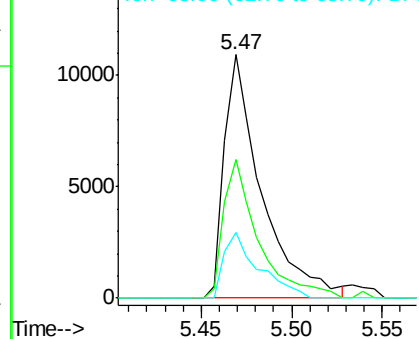
#5

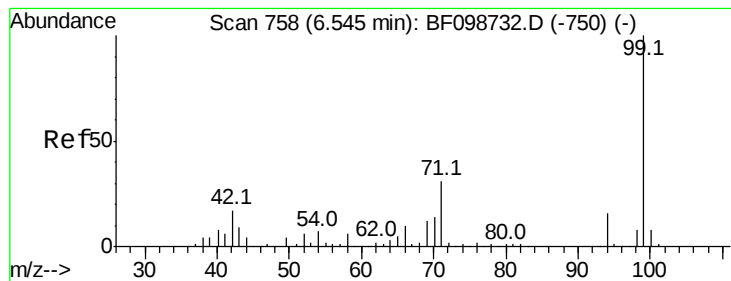
2-Fluorophenol
 Concen: 2.000 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Tgt Ion:112 Resp: 15578
 Ion Ratio Lower Upper
 112 100
 64 56.7 47.9 71.9
 63 27.1 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: 12.670 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

Instrument :

BNA_F

ClientSampled :

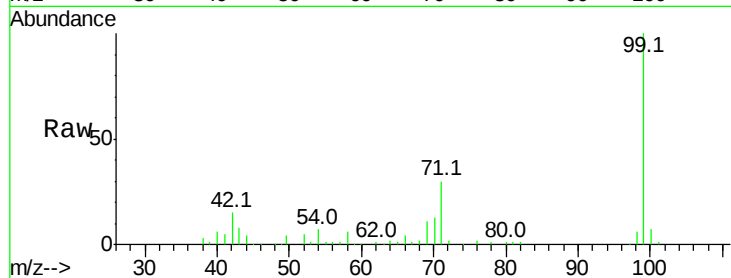
Tot Ion: 99 Resp: 121757

Ion Ratio Lower Upper

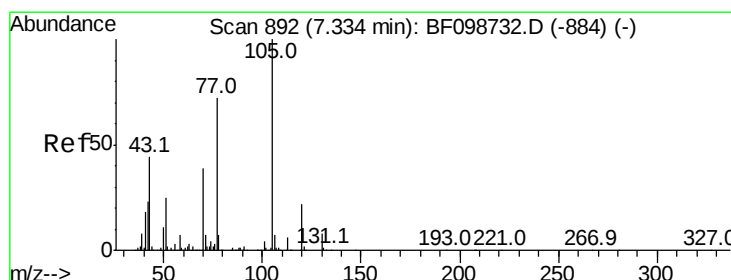
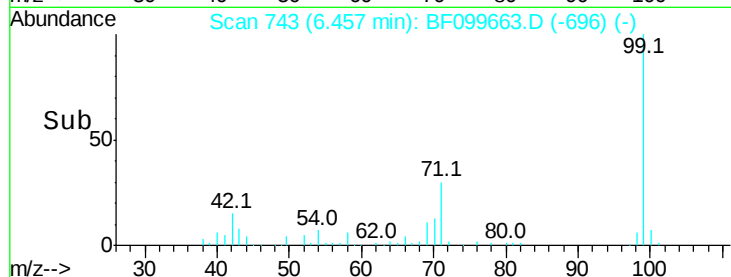
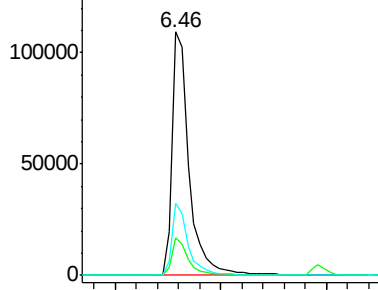
99 100

42 15.5 14.5 21.7

71 29.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.699 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

Tgt Ion: 70 Resp: 84050

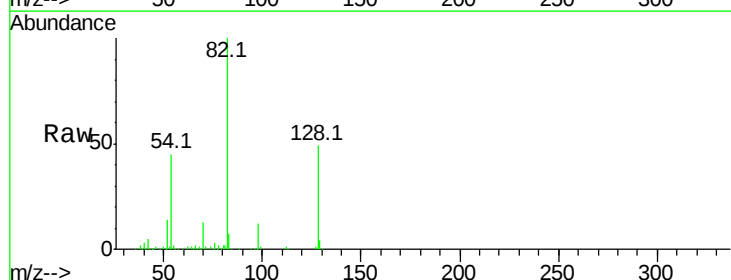
Ion Ratio Lower Upper

70 100

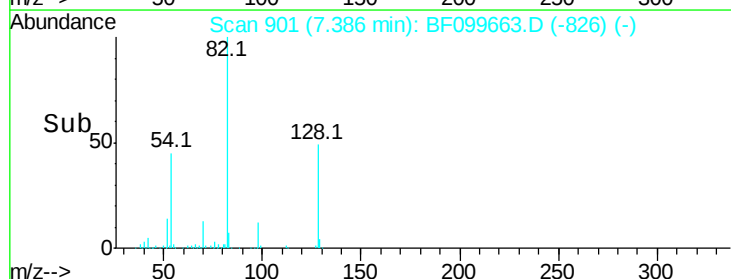
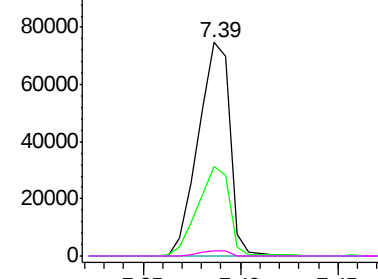
42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 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

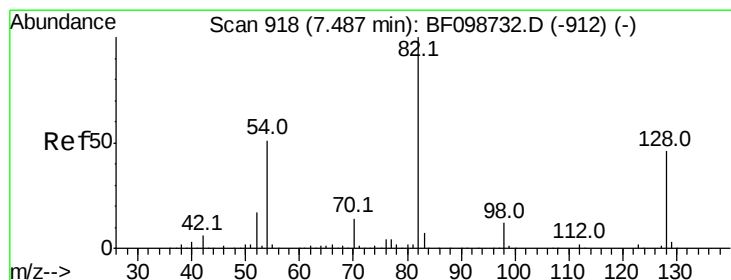
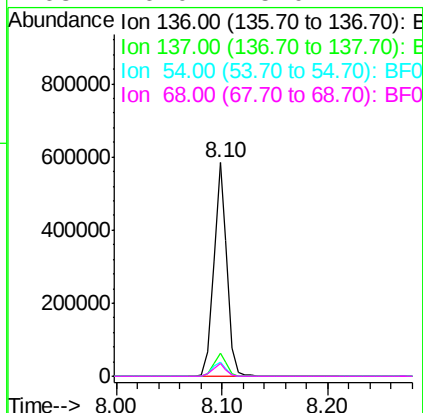
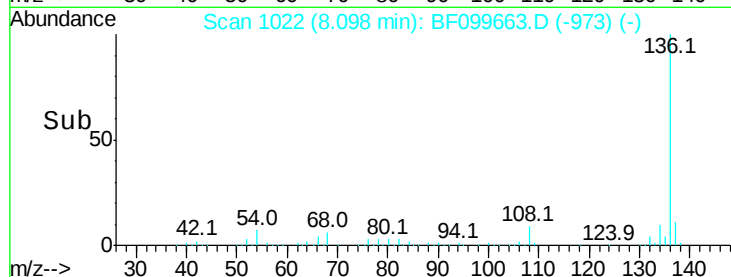
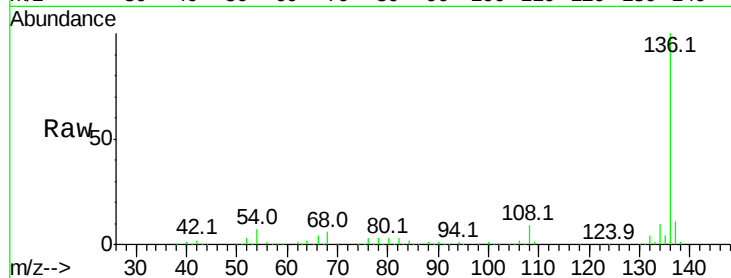




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

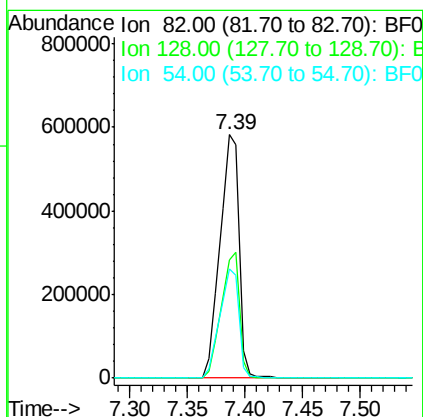
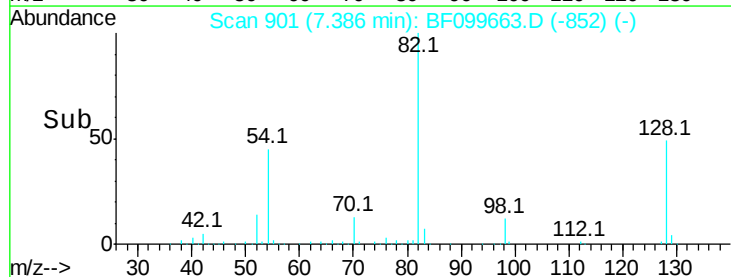
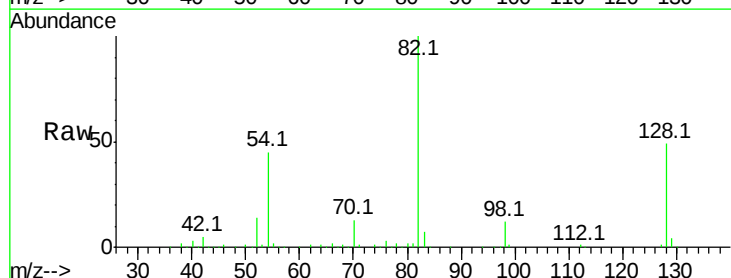
Instrument :
BNA_F
ClientSampleId :

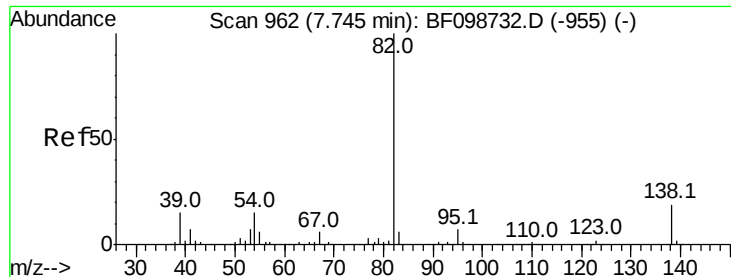
Tot Ion:	136	Resp:	508447
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.239 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Tgt Ion:	82	Resp:	667880
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	45.1	41.4	62.2





#25

Isophorone

Concen: 40.744 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

Instrument :

BNA_F

ClientSampleId :

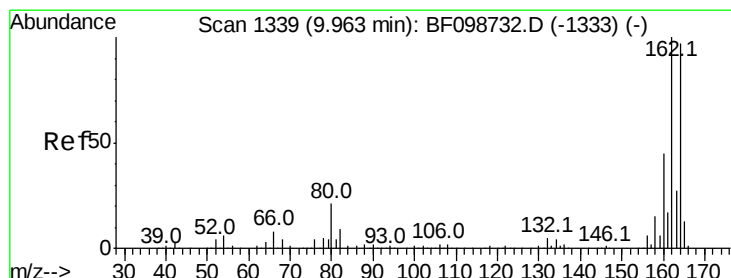
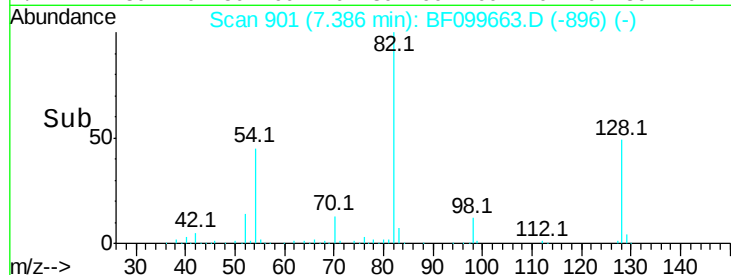
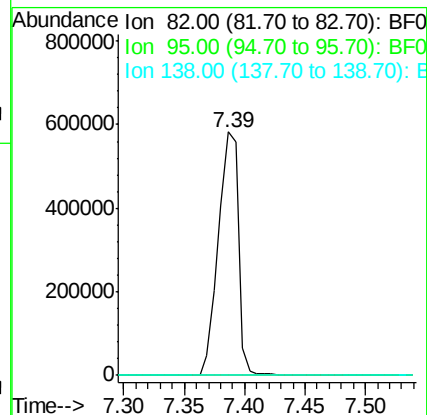
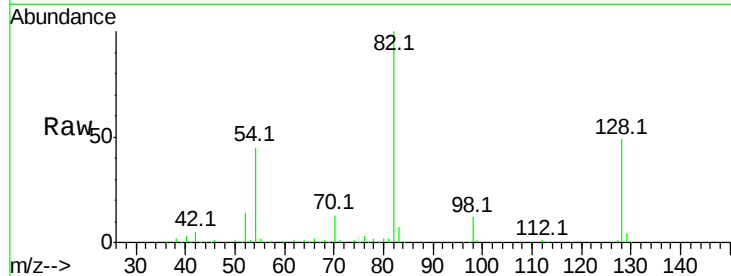
Tot Ion: 82 Resp: 667872

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: 9.85 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

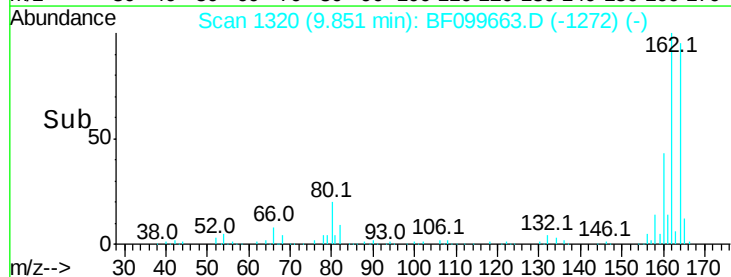
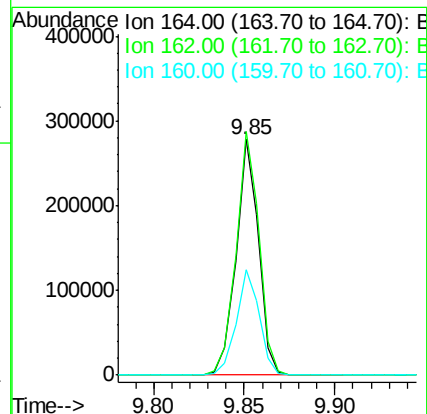
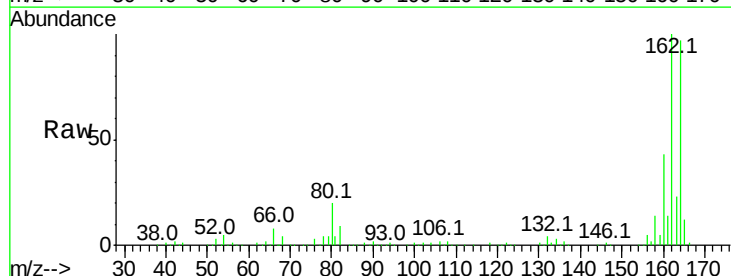
Tgt Ion:164 Resp: 238345

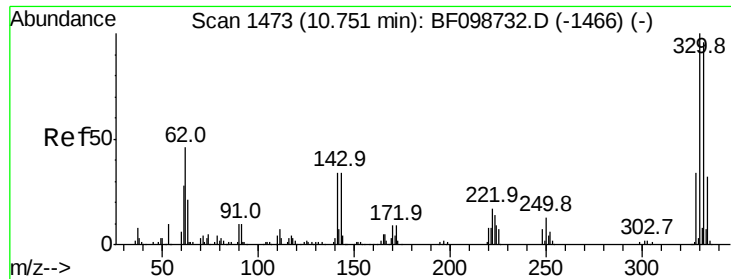
Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

160 44.6 38.3 57.5

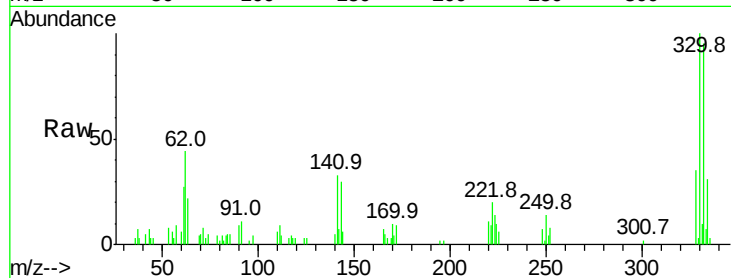




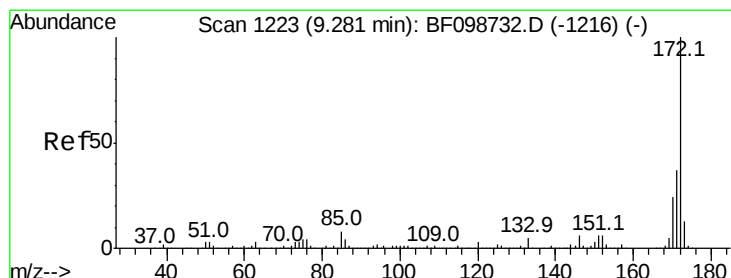
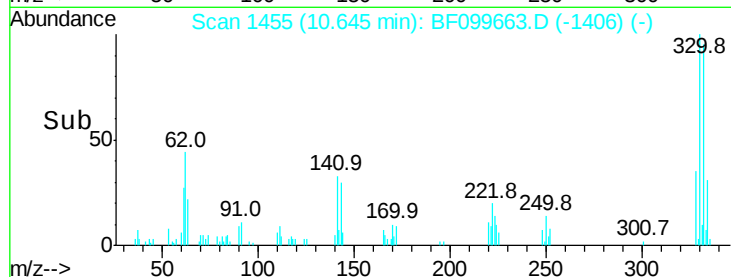
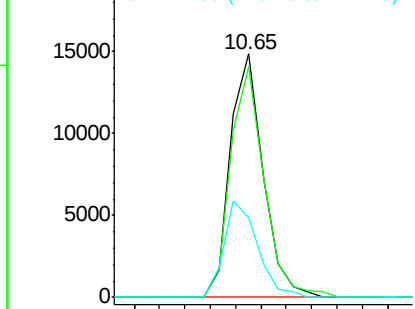
#41
 2,4,6-Tribromophenol
 Concen: 6.872 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 13403
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.5 29.9 44.9

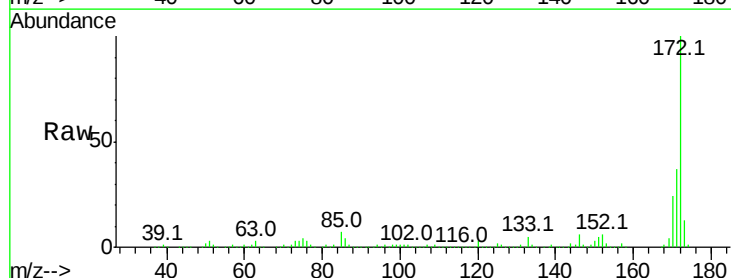


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

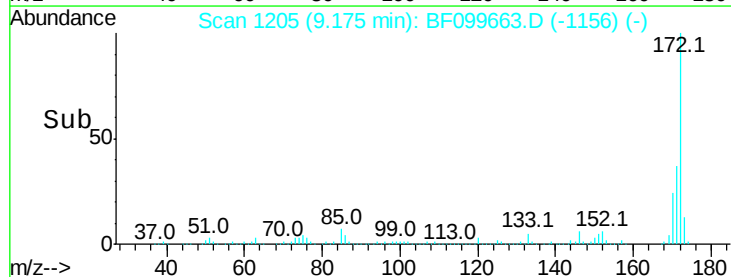
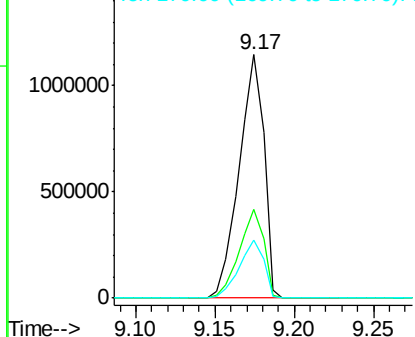


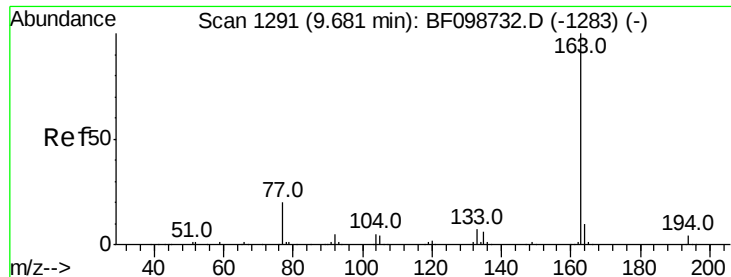
#44
 2-Fluorobiphenyl
 Concen: 86.837 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Tgt Ion:172 Resp: 1239787
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

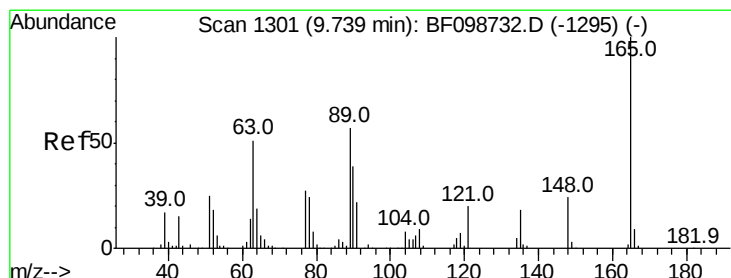
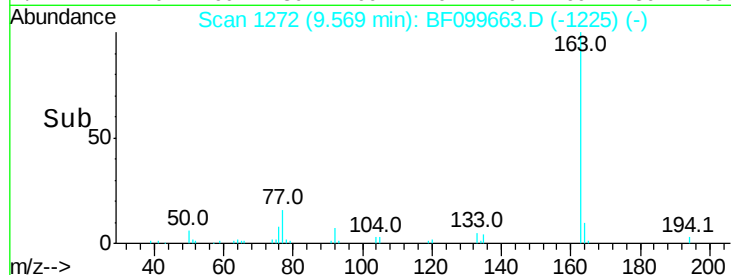
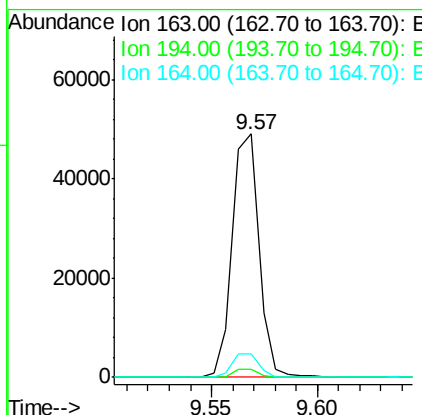
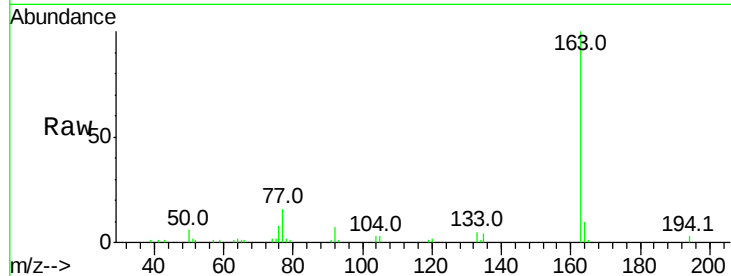




#49
Dimethylphthalate
Concen: 2.387 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

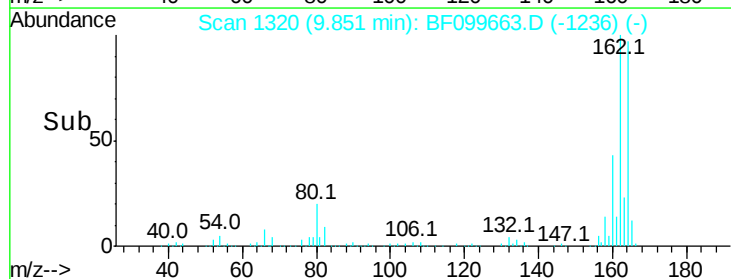
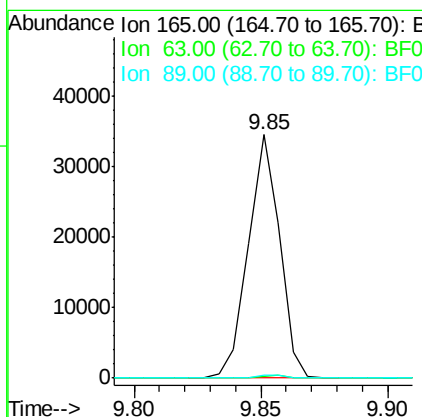
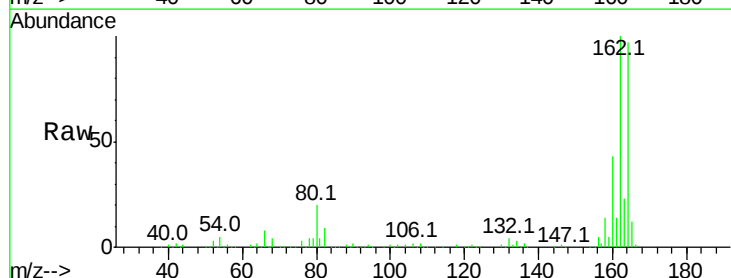
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 42932
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.600 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.19 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Tgt Ion:165 Resp: 29765
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.2 44.0 66.0#

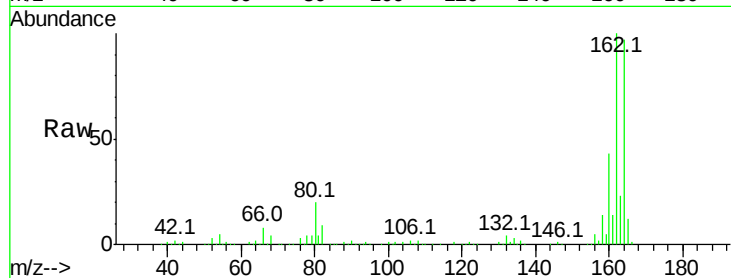




#56
 2,4-Dinitrotoluene
 Concen: 5.856 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.22 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

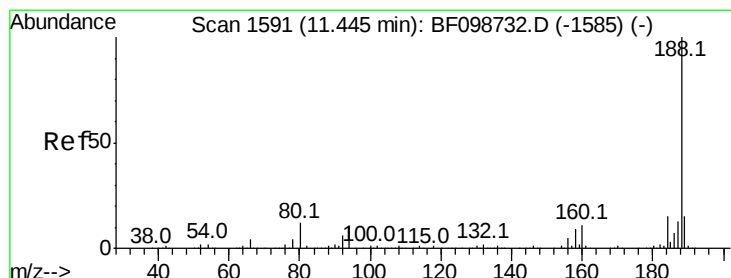
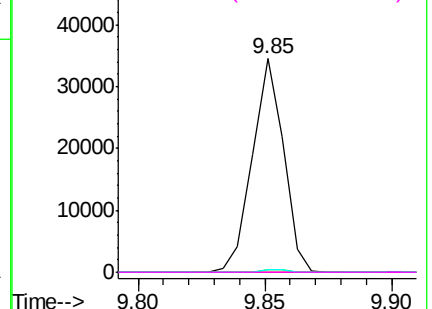
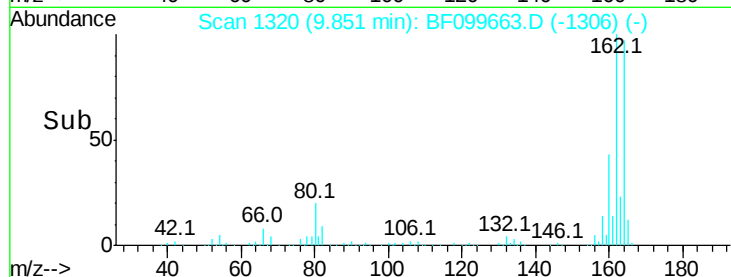


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

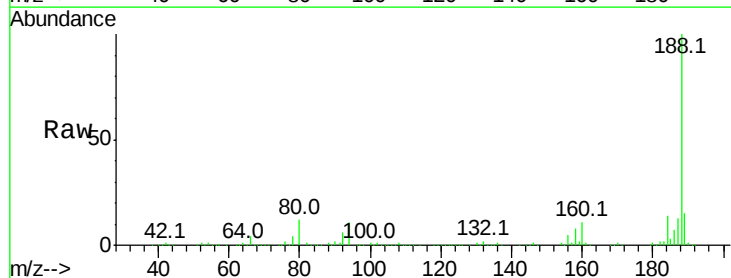
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

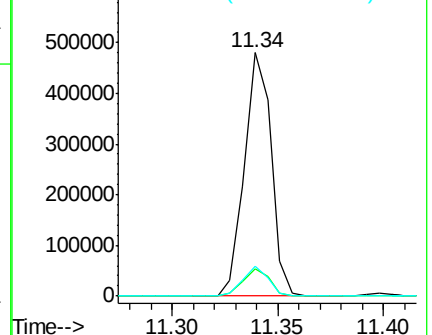
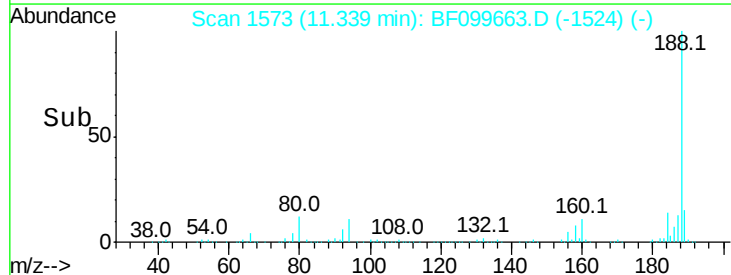
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.5	9.2	13.8

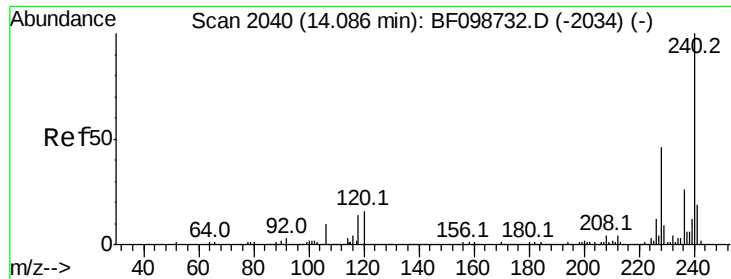


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

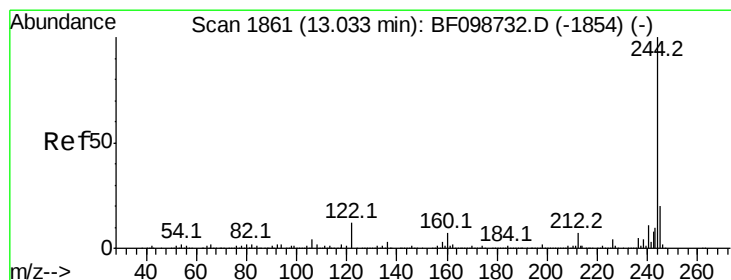
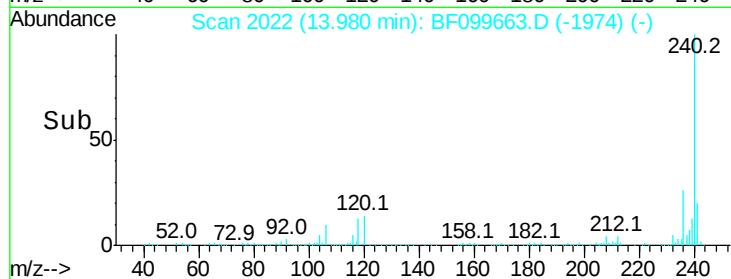
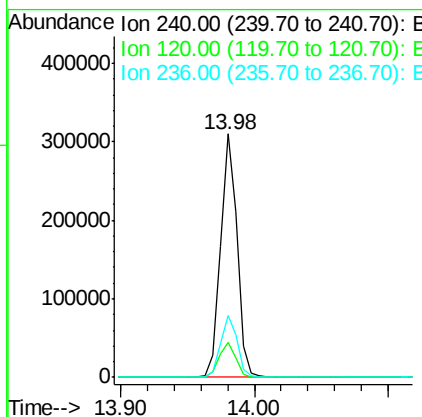
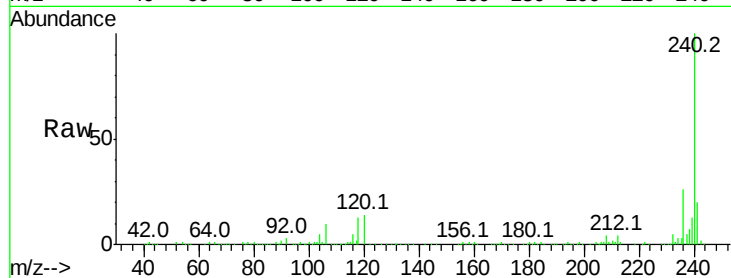




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

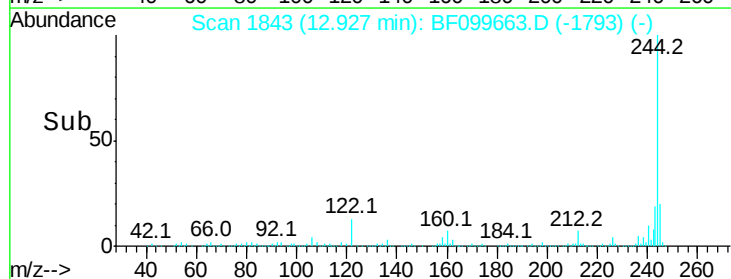
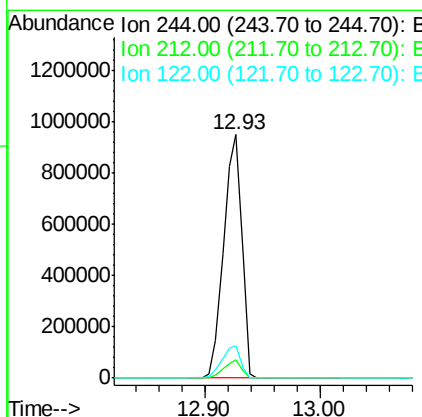
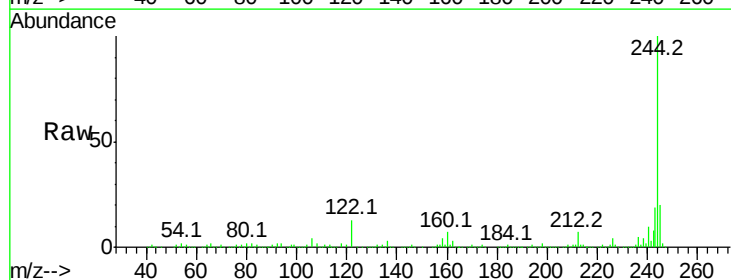
Instrument :
 BNA_F
 ClientSampleId :

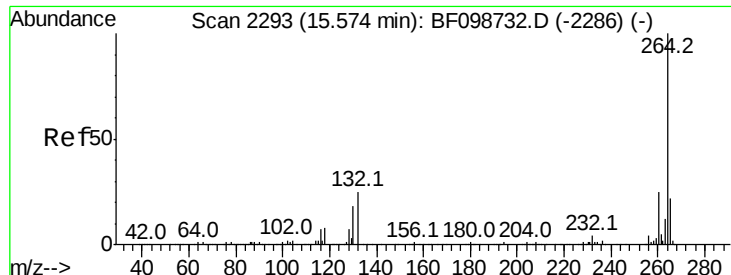
Tot Ion:240 Resp: 272181
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 86.088 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Tgt Ion:244 Resp: 1030322
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.3 11.0 16.4

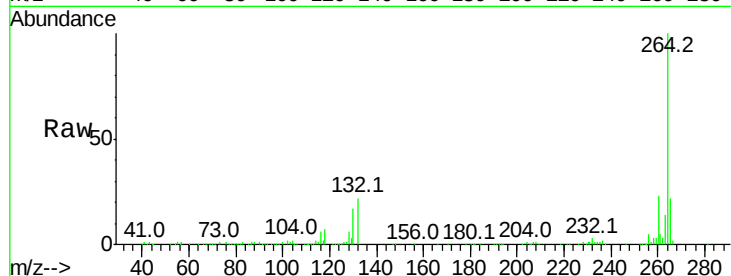




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	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

