

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099924.D
 Acq On : 28 Oct 2017 18:26
 Operator : SJ/JU
 Sample : I6141-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 02:00:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

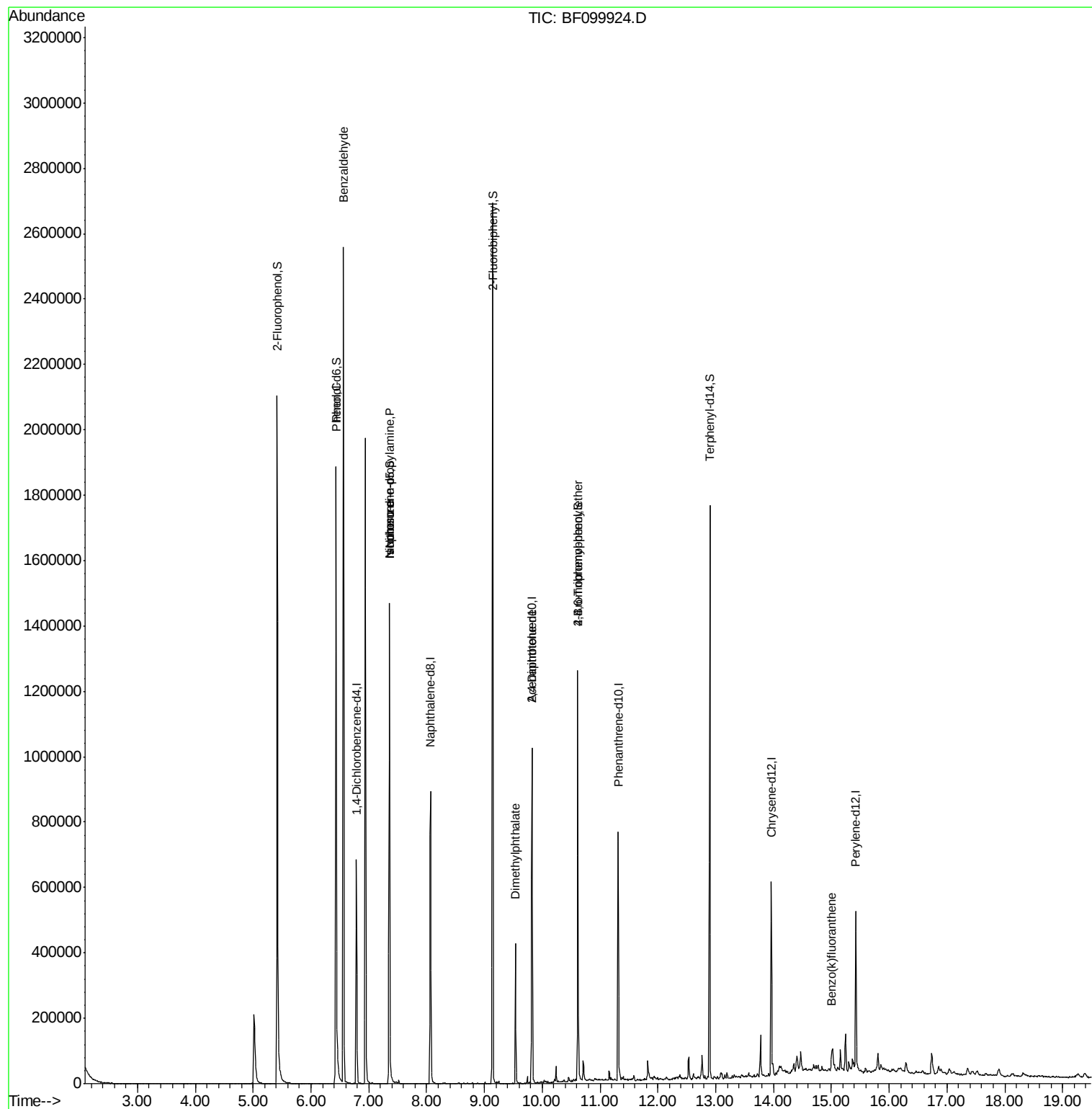
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	112770	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	452063	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	197031	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	291148	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	189608	20.00	ng	-0.03
86) Perylene-d12	15.42	264	207058	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	777769	108.28	ng	0.00
7) Phenol-d6	6.43	99	928292	108.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	530127	75.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	159060	88.58	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	963618	75.46	ng	-0.01
78) Terphenyl-d14	12.90	244	569464	65.63	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	13423	2.637	ng	95
10) Phenol	6.45	94	20930	2.238	ng	78
19) n-Nitroso-di-n-propylamine	7.36	70	65427	13.109	ng	# 73
25) Isophorone	7.36	82	530127	41.606	ng	# 64
49) Dimethylphthalate	9.54	163	175877	11.272	ng	99
56) 2,4-Dinitrotoluene	9.82	165	24853	6.291	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	10762	3.511	ng	# 1
88) Benzo(k)fluoranthene	15.00	252	25371	2.058	ng	# 92

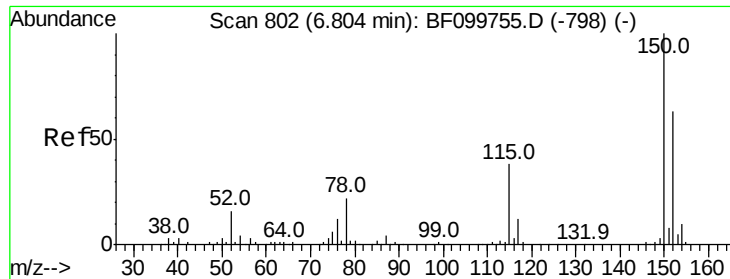
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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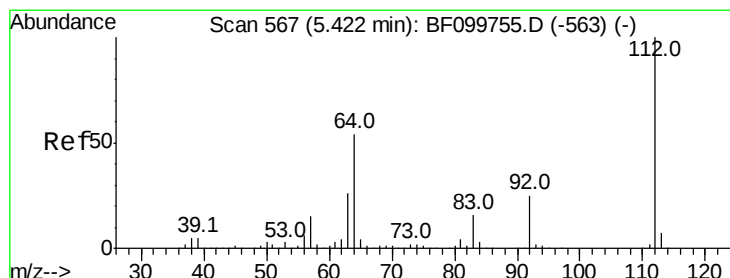
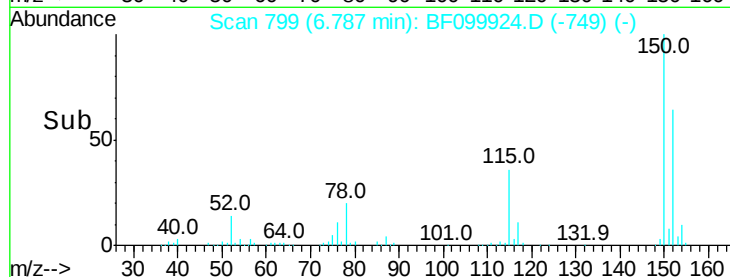
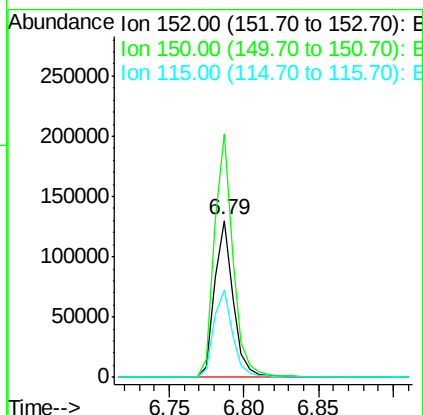
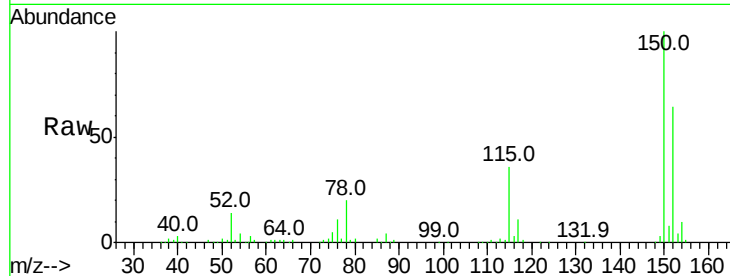


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

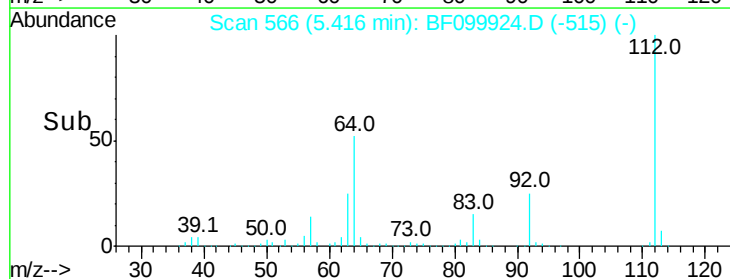
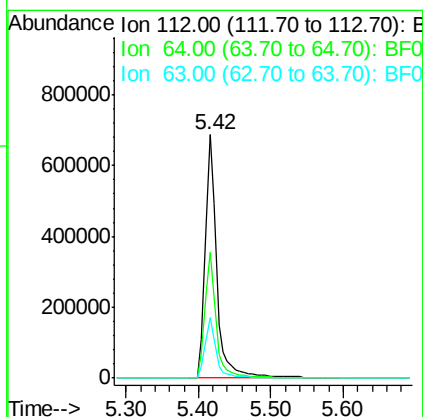
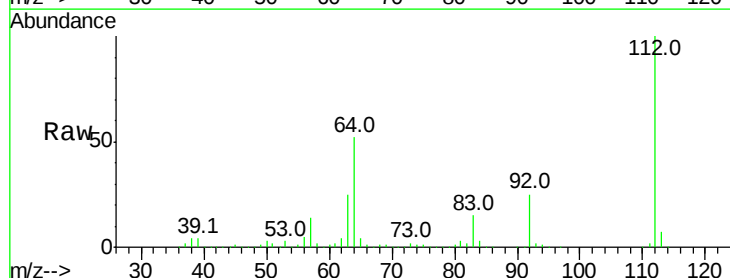
Tot Ion:152 Resp: 112770
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 55.4 50.1 75.1



#5

2-Fluorophenol
 Concen: 108.280 ng
 RT: 5.42 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

Tgt Ion:112 Resp: 777769
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 24.9 23.7 35.5





#7

Phenol-d6

Concen: 108.993 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

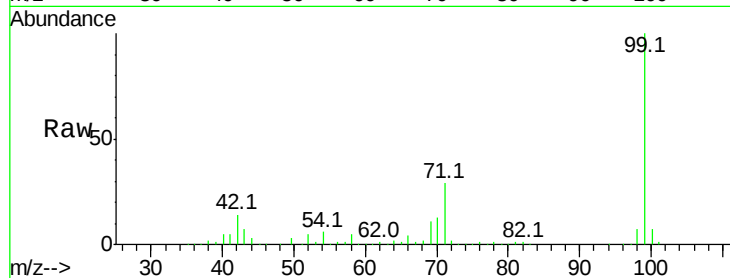
Instrument :

BNA_F

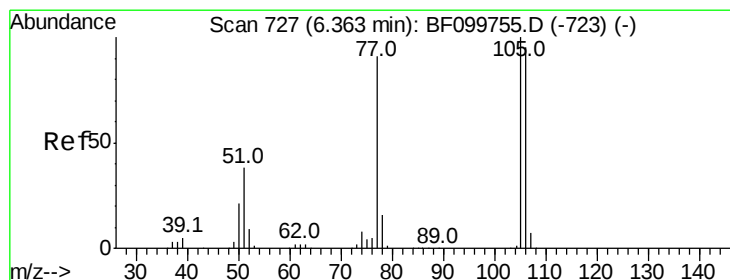
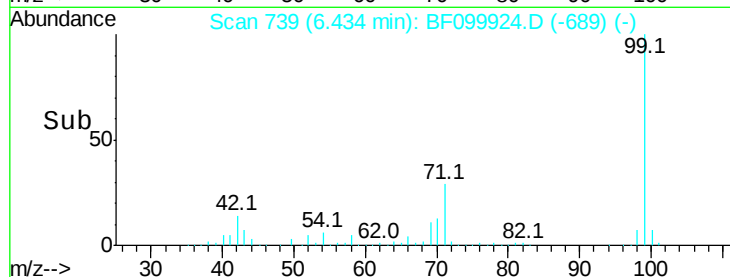
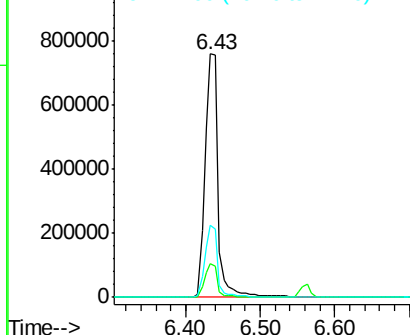
ClientSampled :

Tot Ion: 99 Resp: 928292

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	29.4	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: 2.637 ng

RT: 6.56 min Scan# 761

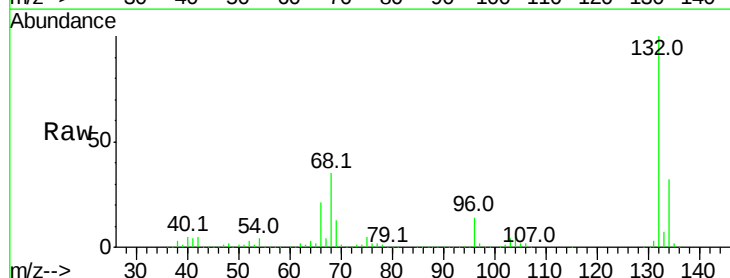
Delta R.T. 0.21 min

Lab File: BF099924.D

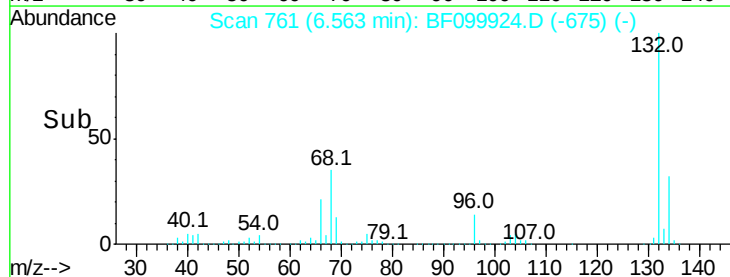
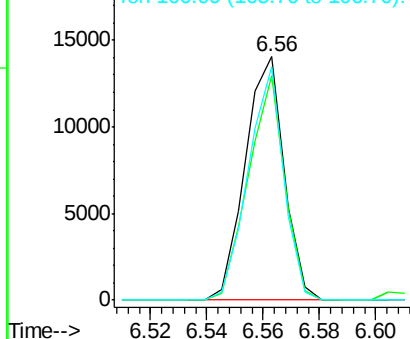
Acq: 28 Oct 2017 18:26

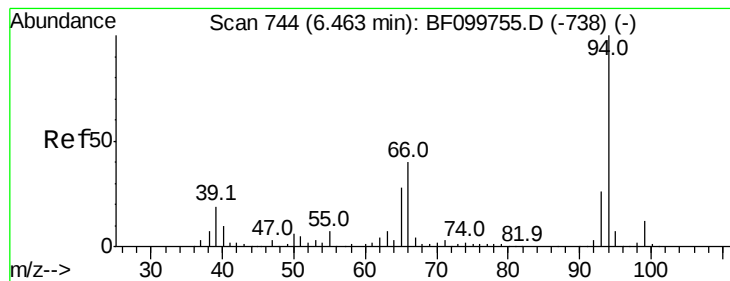
Tgt Ion: 77 Resp: 13423

Ion	Ratio	Lower	Upper
77	100		
105	92.1	81.1	121.1
106	96.0	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: 2.238 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

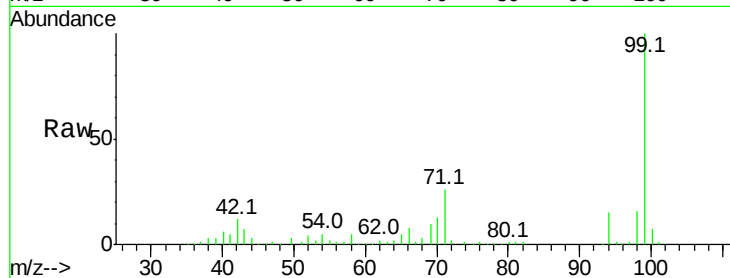
Tot Ion: 94 Resp: 20930

Ion Ratio Lower Upper

94 100

65 31.8 7.9 47.9

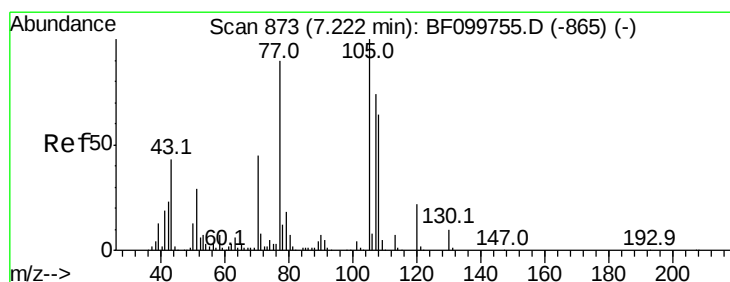
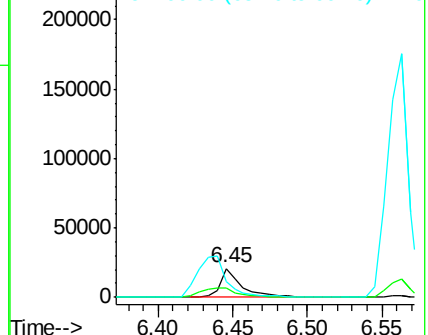
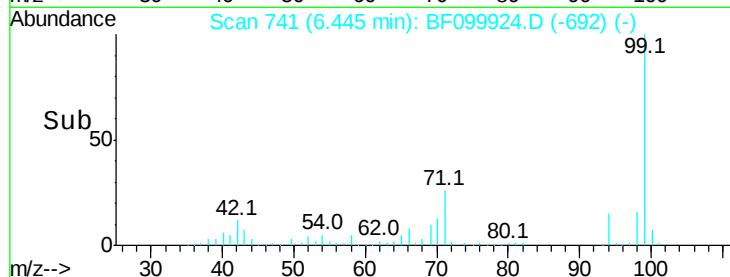
66 55.2 16.2 56.2



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: 13.109 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Tgt Ion: 70 Resp: 65427

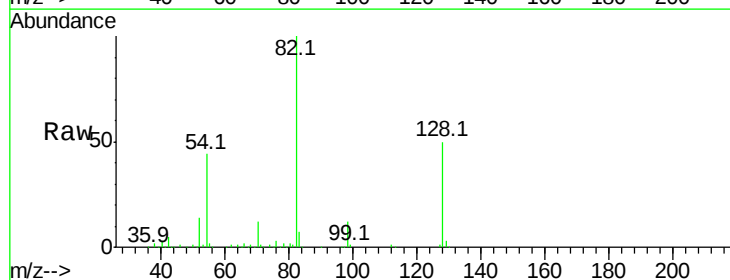
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

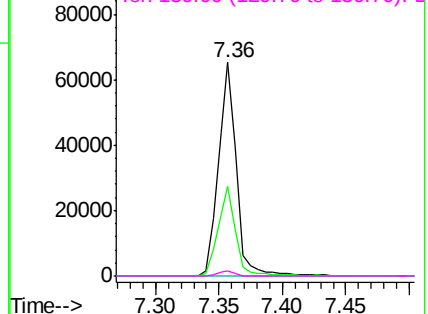
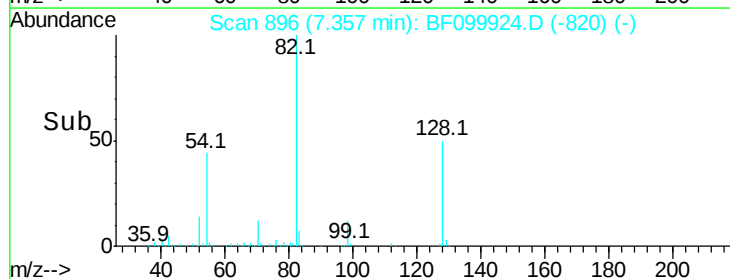


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

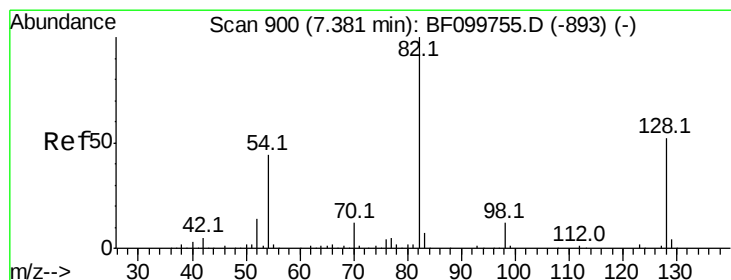
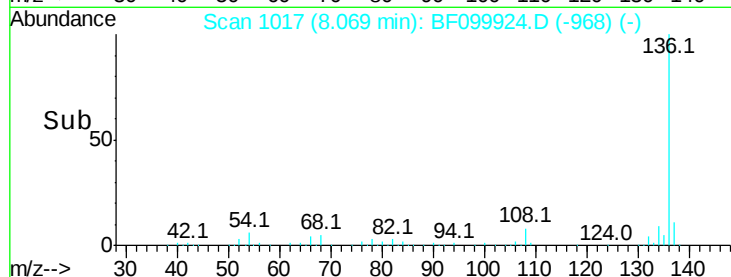
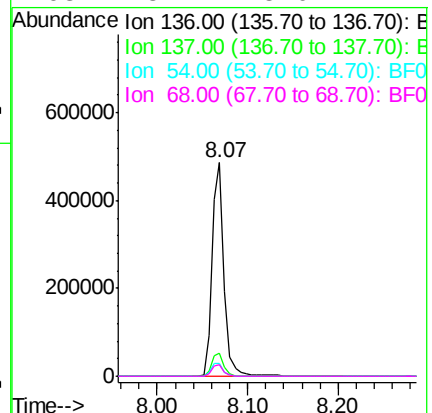
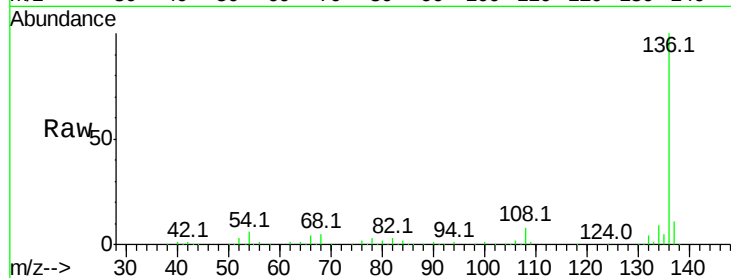




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099924.D
Acq: 28 Oct 2017 18:26

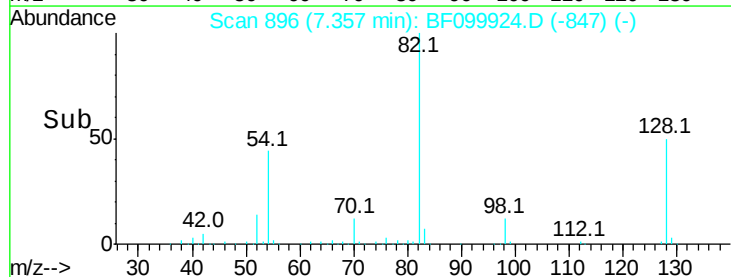
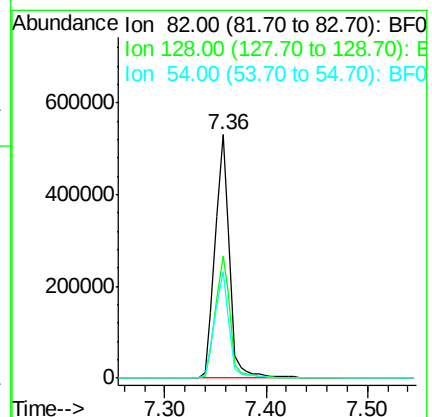
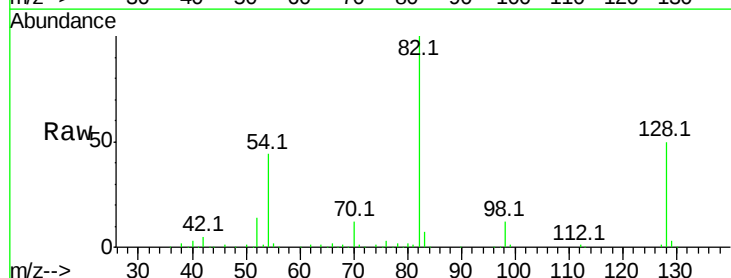
Instrument :
BNA_F
ClientSampleId :

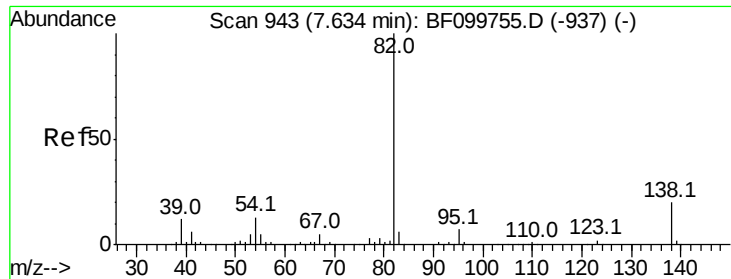
Tot Ion:	136	Resp:	452063
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.0	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.498 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099924.D
Acq: 28 Oct 2017 18:26

Tgt Ion:	82	Resp:	530127
Ion	Ratio	Lower	Upper
82	100		
128	50.2	36.1	54.1
54	43.6	41.4	62.2





#25

Isophorone

Concen: 41.606 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

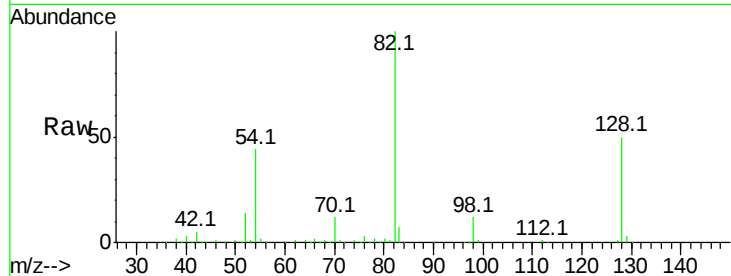
Tot Ion: 82 Resp: 530127

Ion Ratio Lower Upper

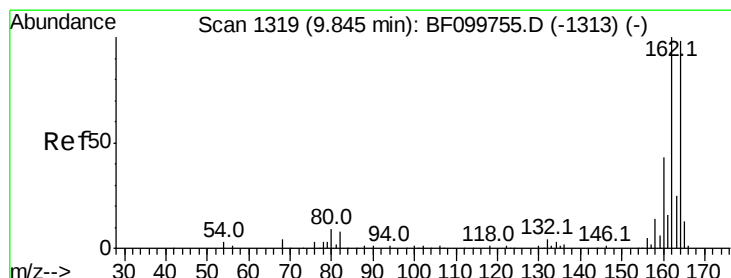
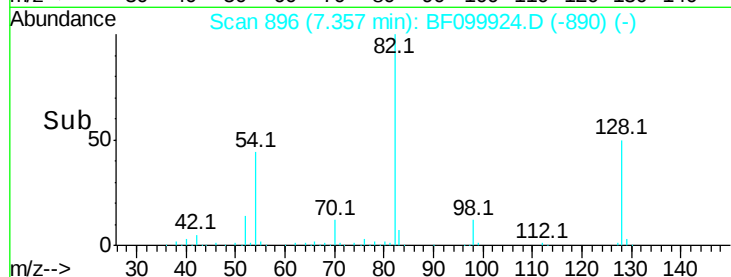
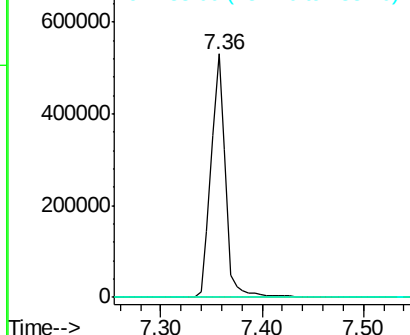
82 100

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: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

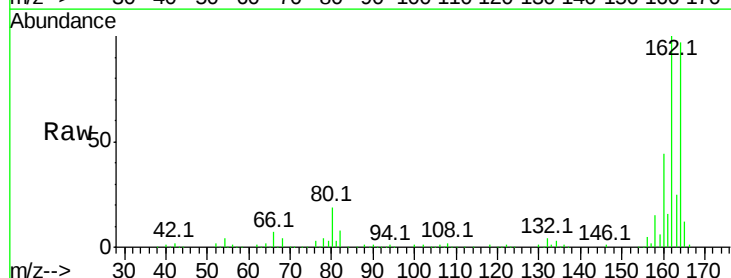
Tgt Ion: 164 Resp: 197031

Ion Ratio Lower Upper

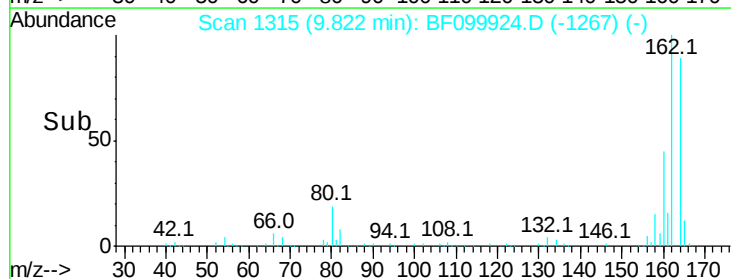
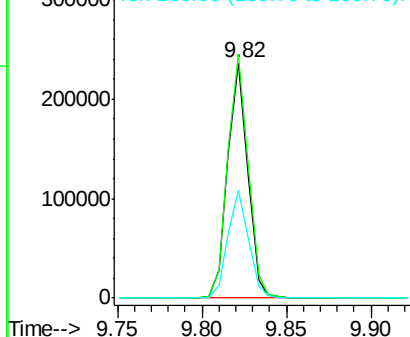
164 100

162 103.6 86.1 129.1

160 46.1 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: 88.584 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

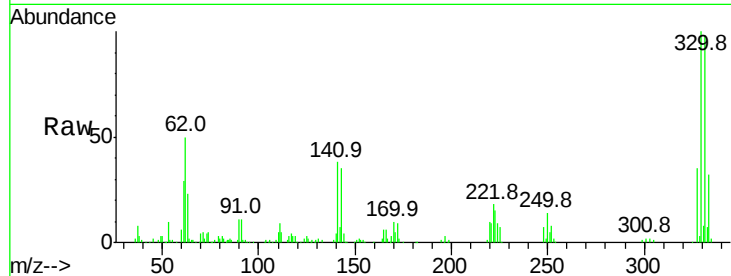
Tot Ion:330 Resp: 159060

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

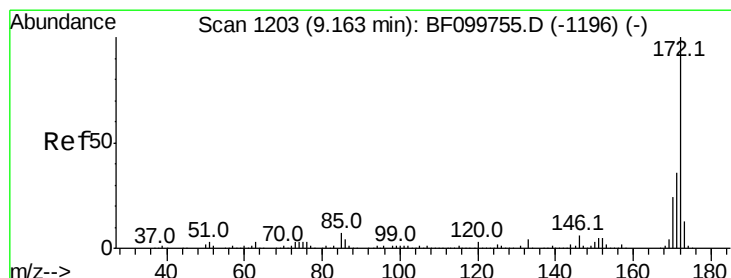
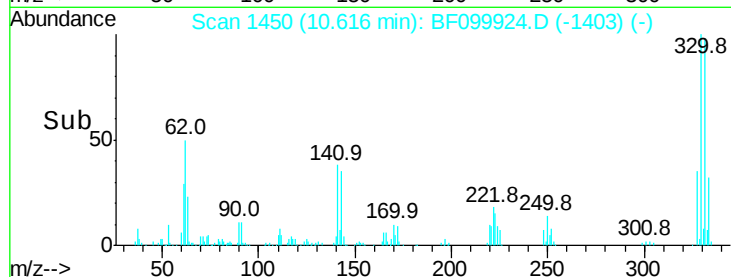
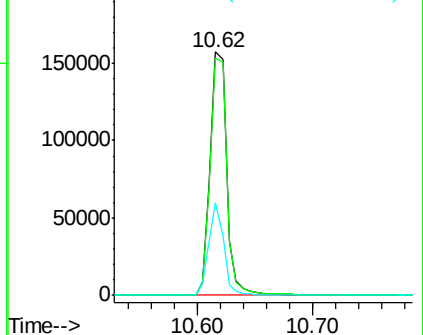
141 34.5 29.9 44.9



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: 75.456 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

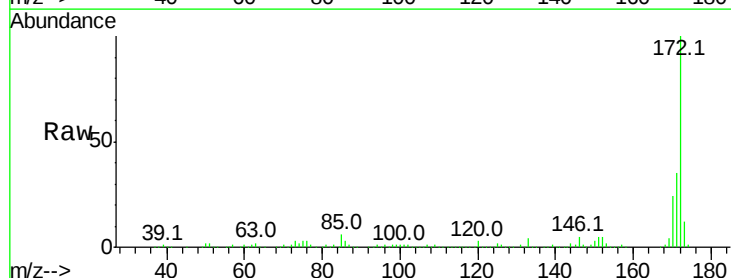
Tgt Ion:172 Resp: 963618

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

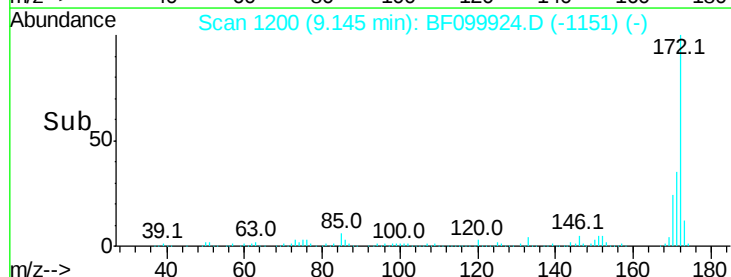
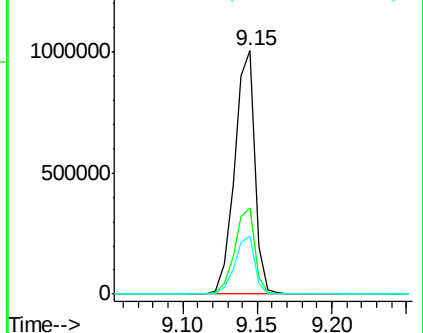
170 23.7 19.6 29.4

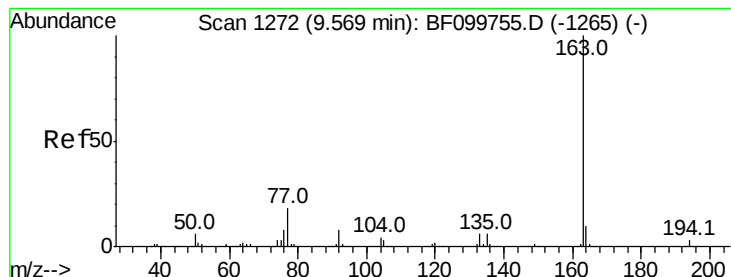


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 11.272 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

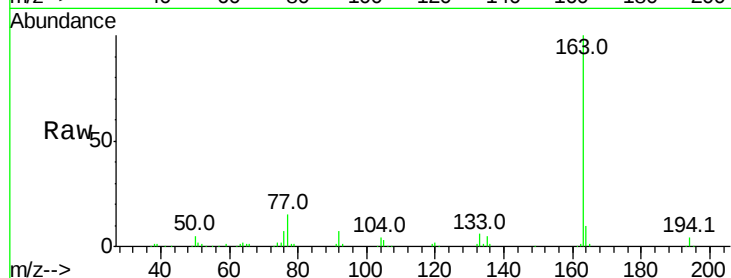
Tot Ion:163 Resp: 175877

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

164 9.6 8.2 12.2

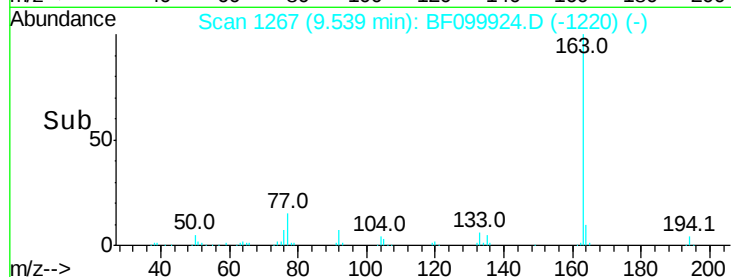


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

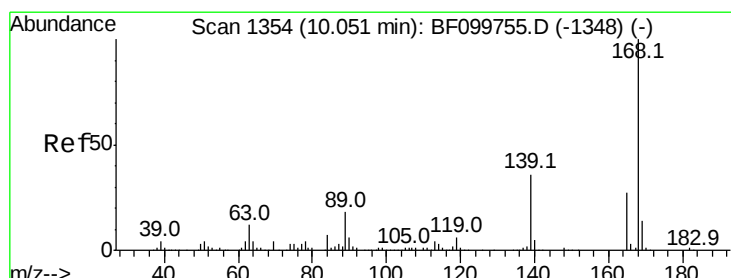
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#56

2,4-Dinitrotoluene

Concen: 6.291 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.23 min

Lab File: BF099924.D

Acq: 28 Oct 2017 18:26

Tgt Ion:165 Resp: 24853

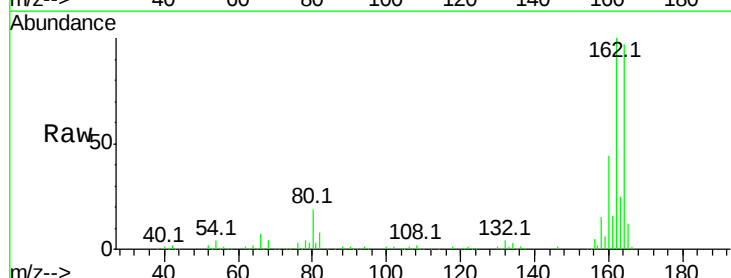
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#



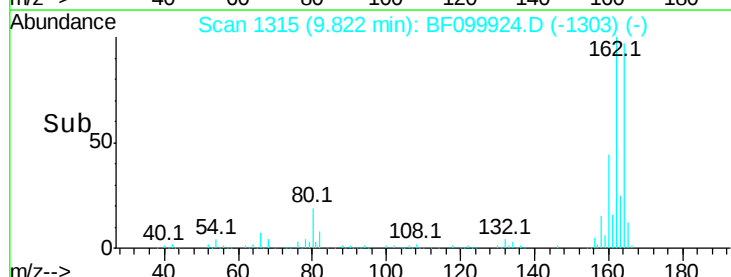
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

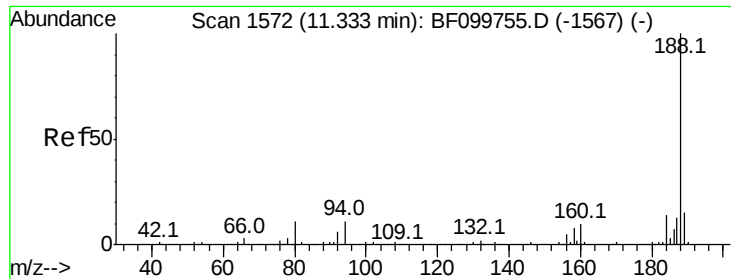
Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

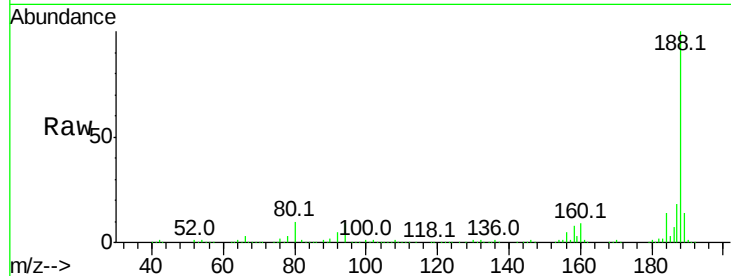
Time-->



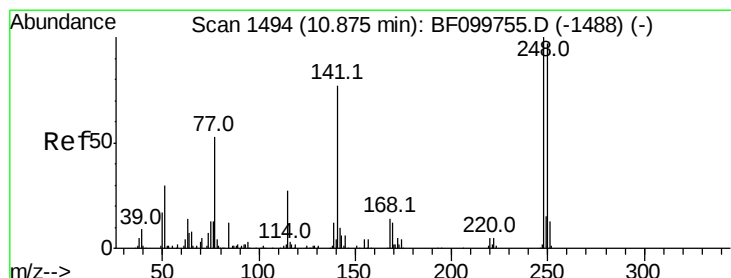
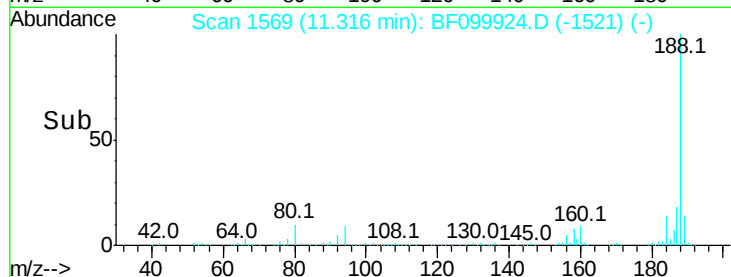
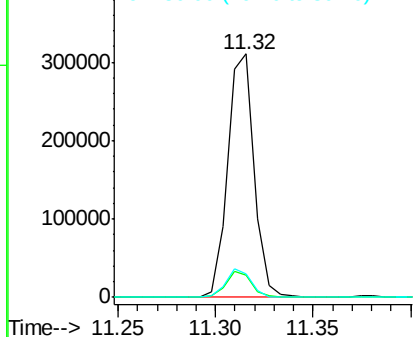
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.6	9.2	13.8

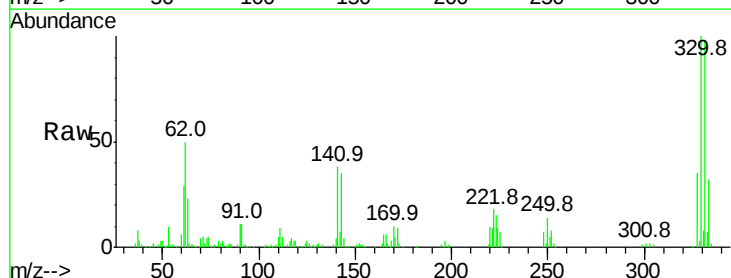


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

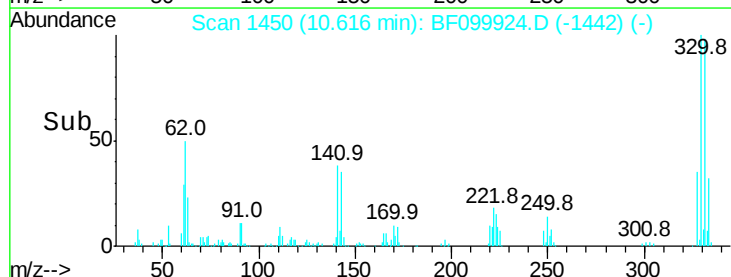
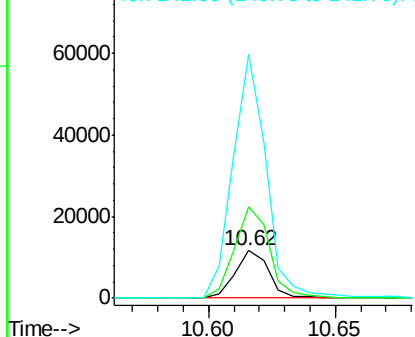


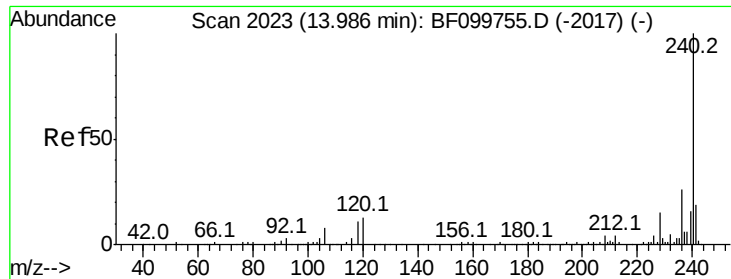
#66
 4-Bromophenyl-phenylether
 Concen: 3.511 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	511.1	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

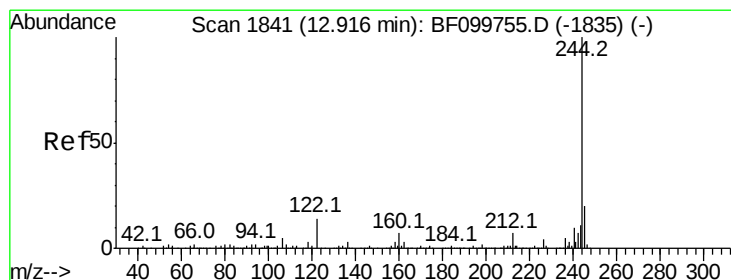
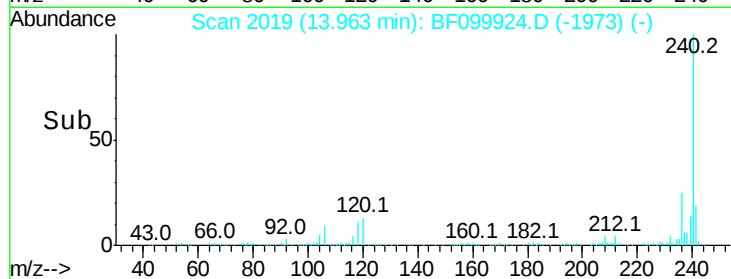
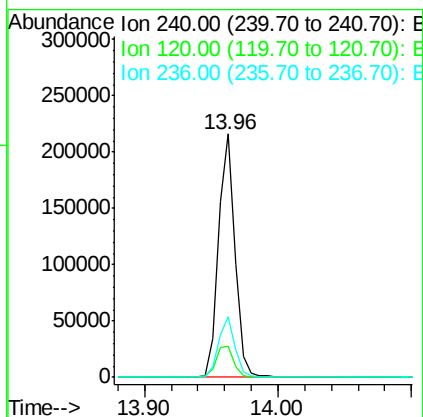
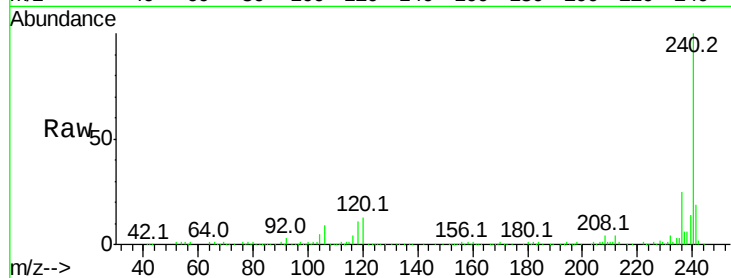




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

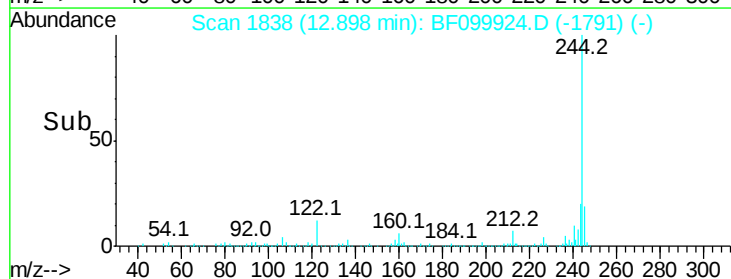
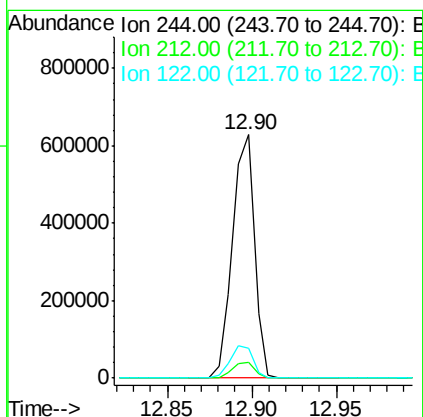
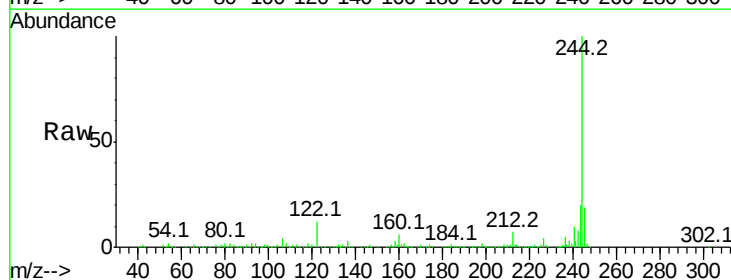
Instrument :
 BNA_F
 ClientSampleId :

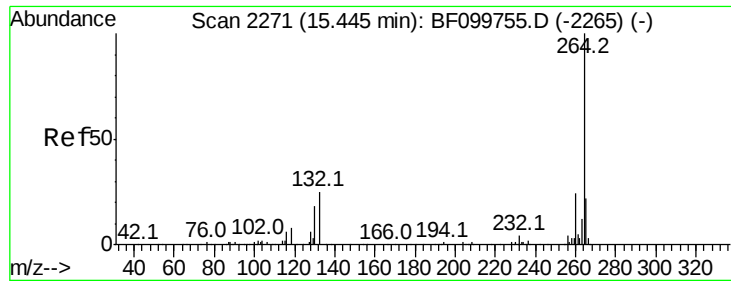
Tot Ion:240 Resp: 189608
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 24.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 65.635 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF099924.D
 Acq: 28 Oct 2017 18:26

Tgt Ion:244 Resp: 569464
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.1 11.0 16.4

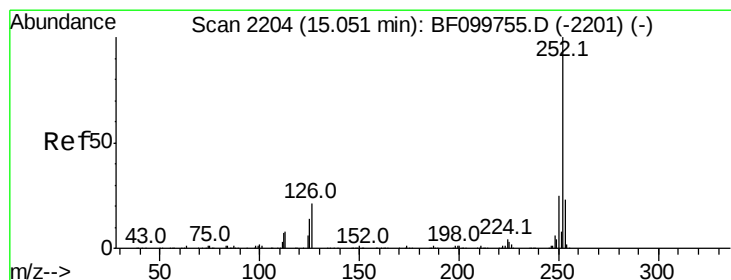
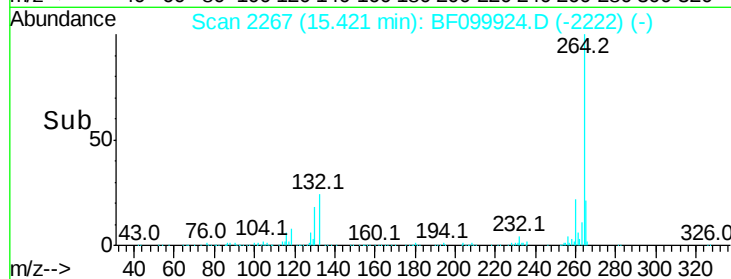
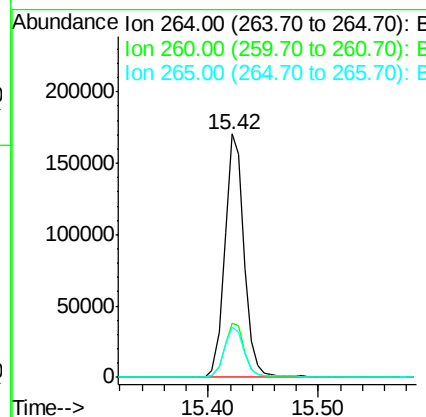
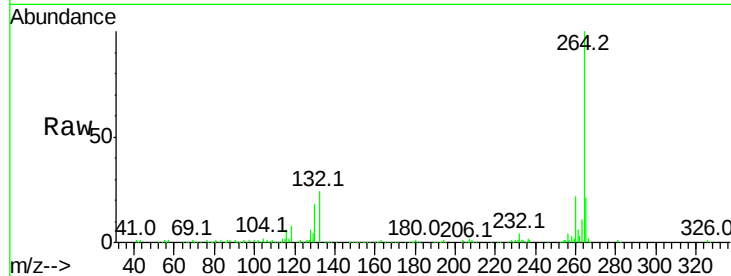




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.04 min
Lab File: BF099924.D
Acq: 28 Oct 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 207058
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 20.9 17.5 26.3



#88
Benzo(k)fluoranthene
Concen: 2.058 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.06 min
Lab File: BF099924.D
Acq: 28 Oct 2017 18:26

Tgt Ion:252 Resp: 25371
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 17.3 10.2 15.2#

