

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099911.D
 Acq On : 28 Oct 2017 12:25
 Operator : SJ/JU
 Sample : I6138-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:54:41 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	78076	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	278575	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	108730	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	100786	20.00	ng	0.00
75) Chrysene-d12	13.99	240	135219	20.00	ng	0.00
86) Perylene-d12	15.44	264	138621	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	462068	92.91	ng	0.00
7) Phenol-d6	6.43	99	510563	86.58	ng	0.00
23) Nitrobenzene-d5	7.35	82	274729	63.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	80444	81.18	ng	-0.02
44) 2-Fluorobiphenyl	9.14	172	523661	74.31	ng	-0.02
78) Terphenyl-d14	12.94	244	225700	36.48	ng	0.02

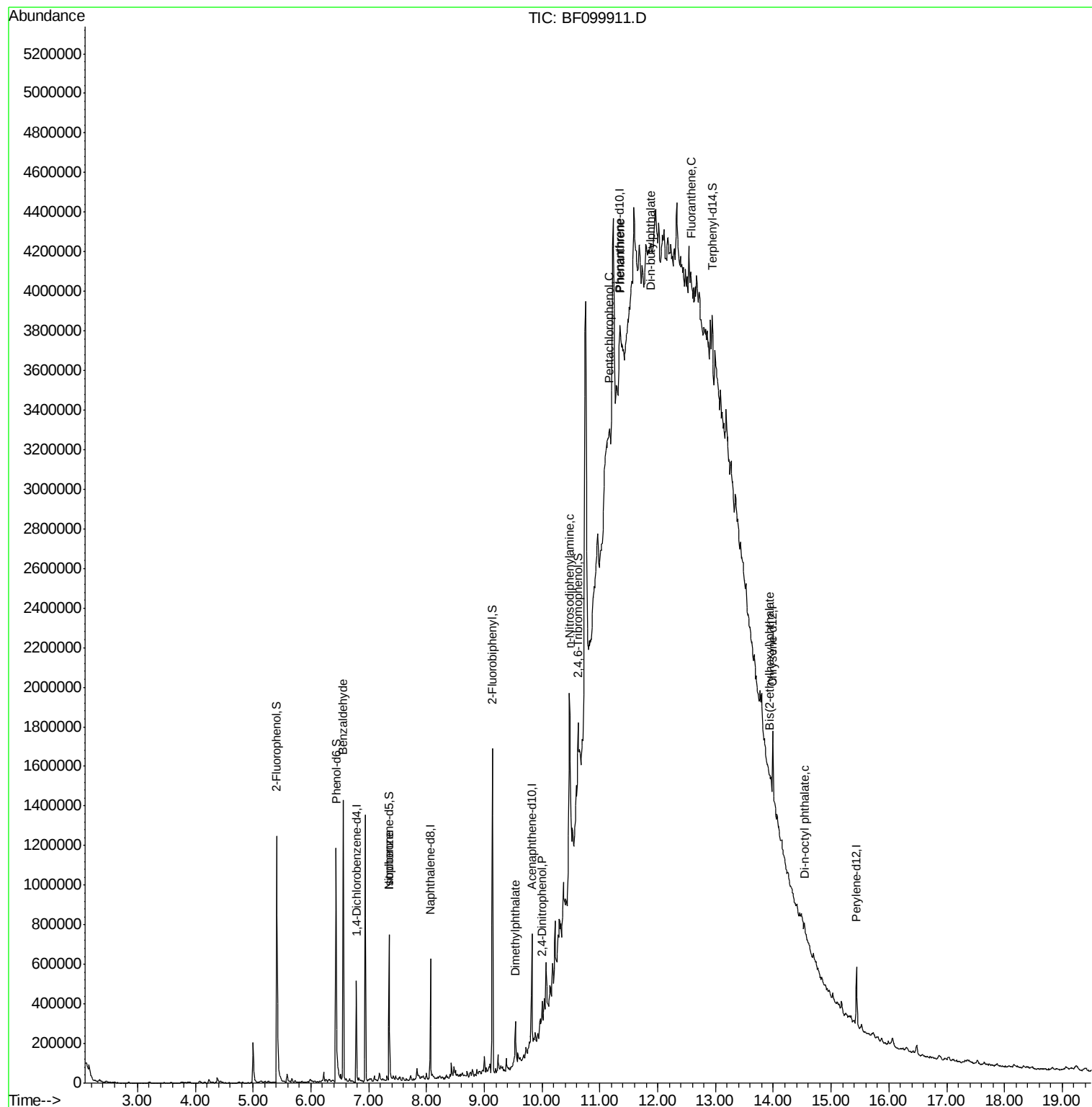
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	8069	2.290	ng	85
25) Isophorone	7.35	82	274478	34.958	ng	# 64
49) Dimethylphthalate	9.54	163	53655	6.231	ng	97
53) 2,4-Dinitrophenol	10.01	184	118	5.914	ng	# 1
65) n-Nitrosodiphenylamine	10.48	169	33999	9.138	ng	# 46
69) Pentachlorophenol	11.16	266	946	2.040	ng	# 26
70) Phenanthrene	11.36	178	42756	7.517	ng	# 40
73) Di-n-butylphthalate	11.89	149	25578	3.694	ng	# 21
74) Fluoranthene	12.59	202	37096	6.276	ng	# 60
83) Bis(2-ethylhexyl)phthalate	13.93	149	16669	2.344	ng	# 61
84) Di-n-octyl phthalate	14.54	149	27985	2.293	ng	# 75

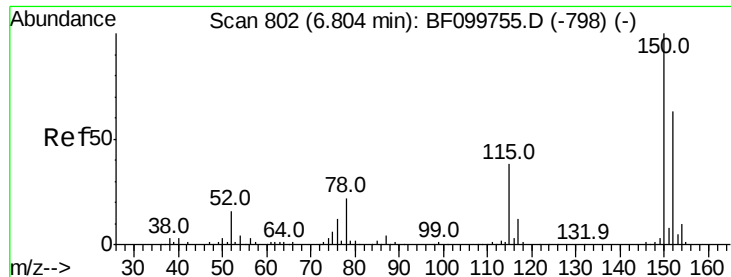
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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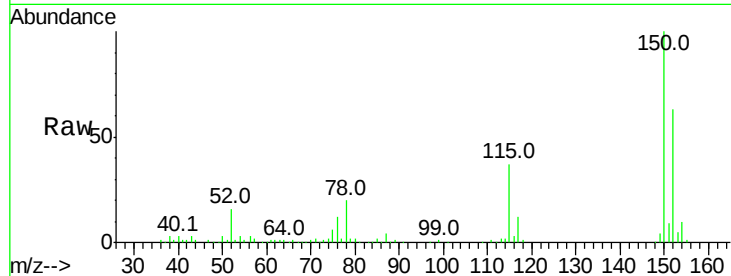


#1

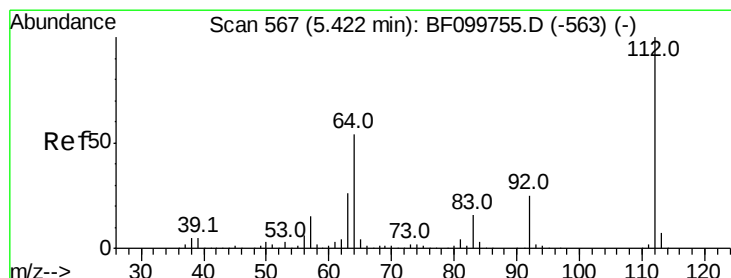
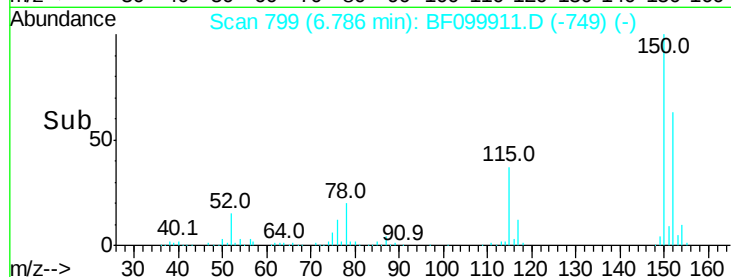
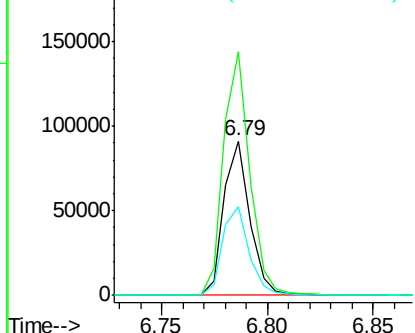
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 78076
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 57.7 50.1 75.1



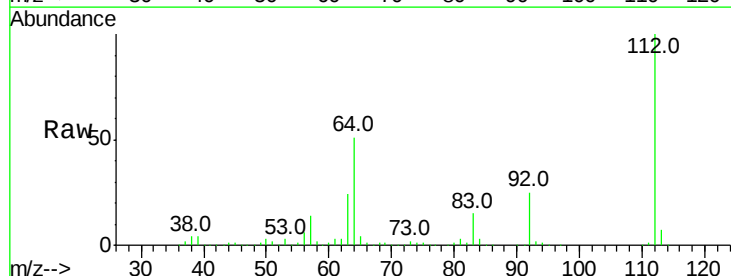
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



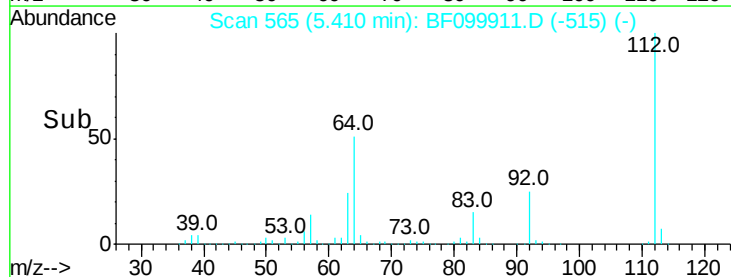
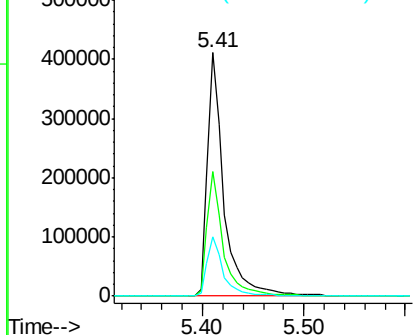
#5

2-Fluorophenol
 Concen: 92.913 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Tgt Ion:112 Resp: 462068
 Ion Ratio Lower Upper
 112 100
 64 51.2 47.9 71.9
 63 24.3 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: 86.584 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

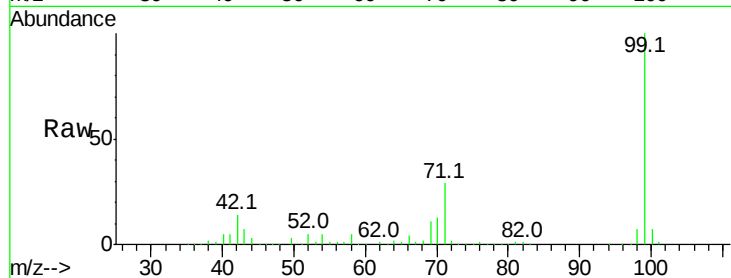
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 510563

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	29.2	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

6.43

400000

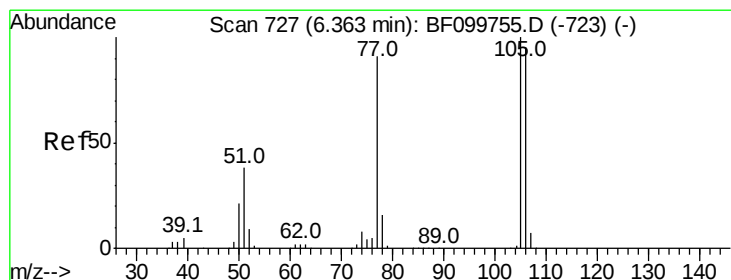
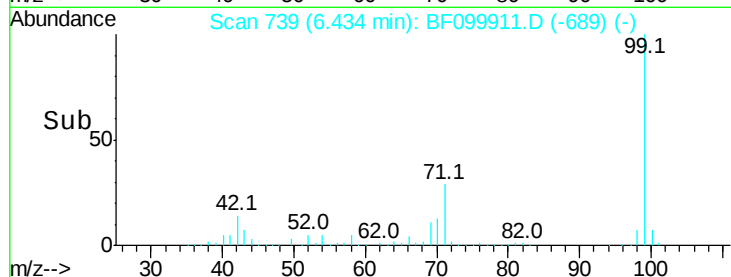
300000

200000

100000

0

Time-->



#9

Benzaldehyde

Concen: 2.290 ng

RT: 6.56 min Scan# 760

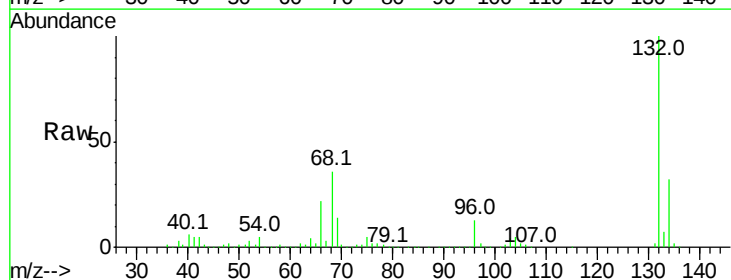
Delta R.T. 0.20 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Tgt Ion: 77 Resp: 8069

Ion	Ratio	Lower	Upper
77	100		
105	91.5	81.1	121.1
106	75.0	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

10000

8000

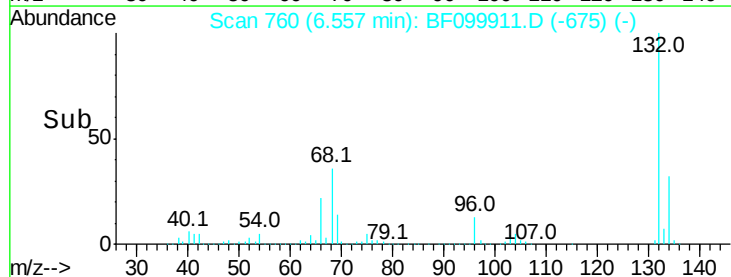
6000

4000

2000

0

Time-->

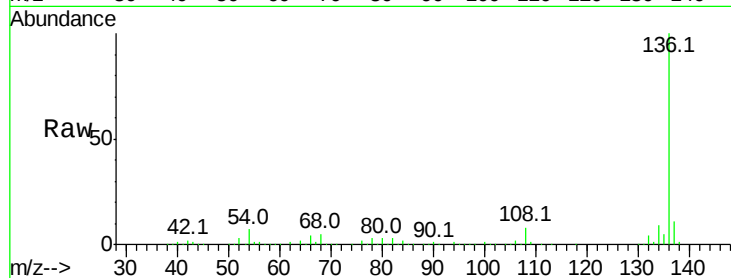




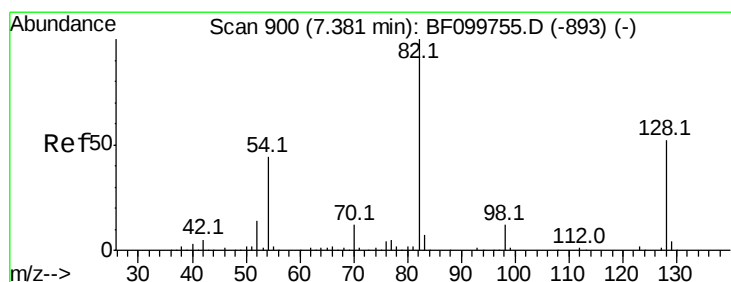
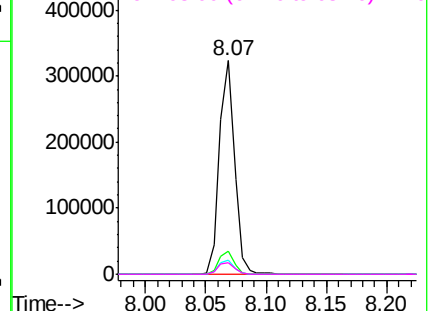
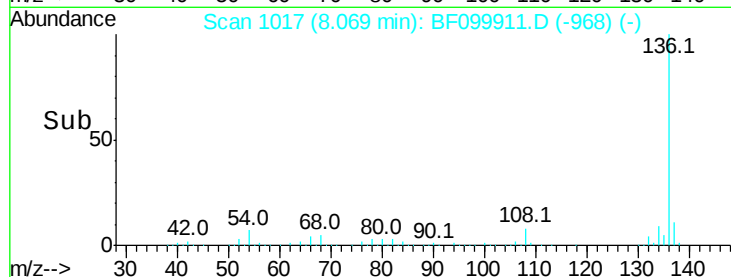
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	278575
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.5	5.0	7.4

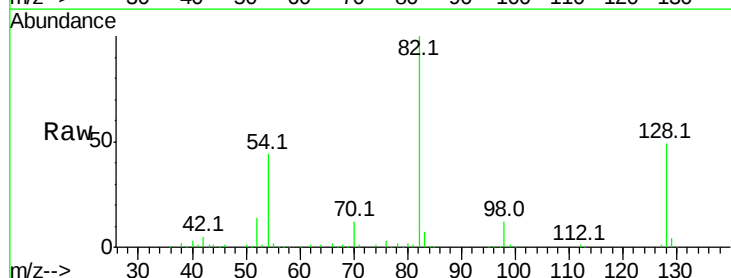


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

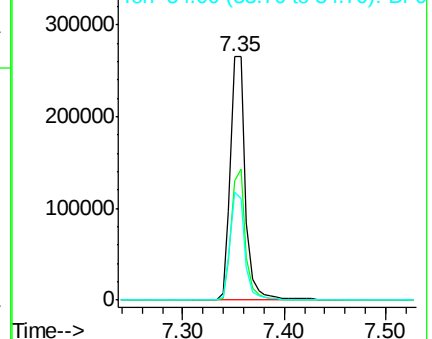
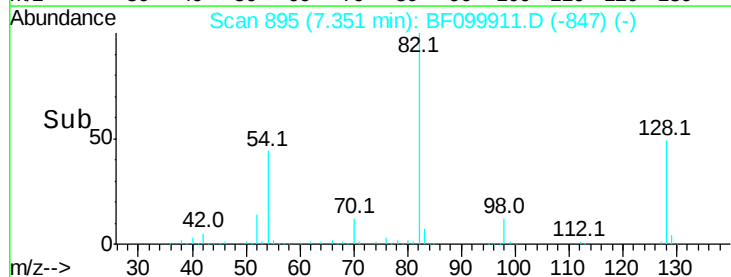


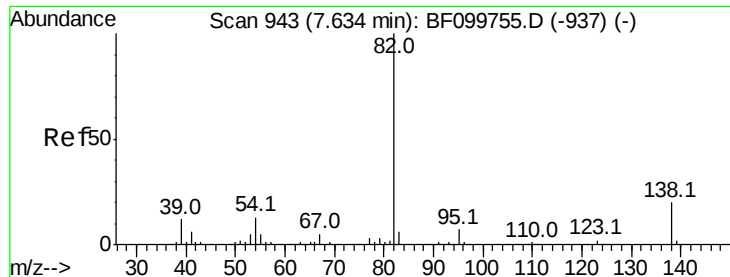
#23
Nitrobenzene-d5
Concen: 63.492 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Tgt Ion:	82	Resp:	274729
Ion	Ratio	Lower	Upper
82	100		
128	48.9	36.1	54.1
54	44.2	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: 34.958 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.27 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

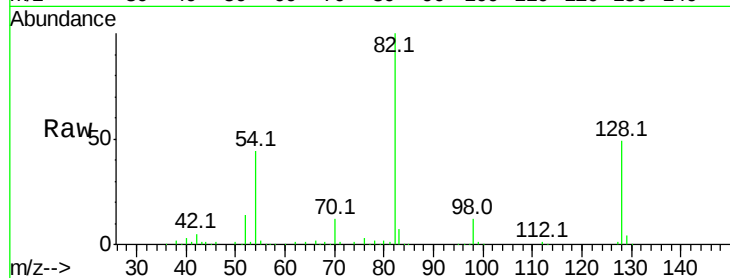
Tot Ion: 82 Resp: 274478

Ion Ratio Lower Upper

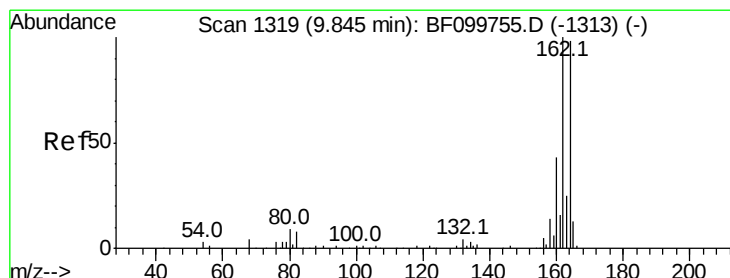
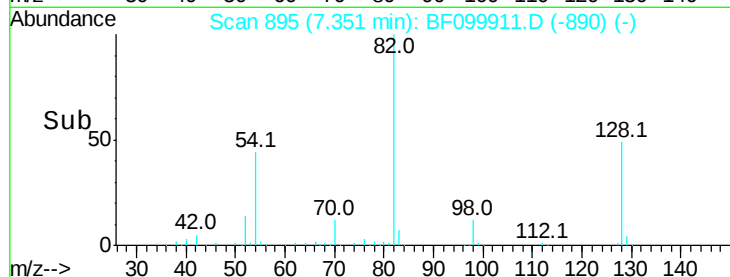
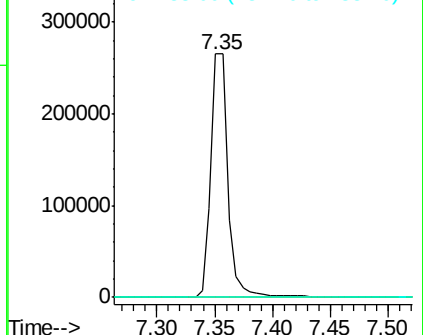
82 100

95 0.1 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: BF099911.D

Acq: 28 Oct 2017 12:25

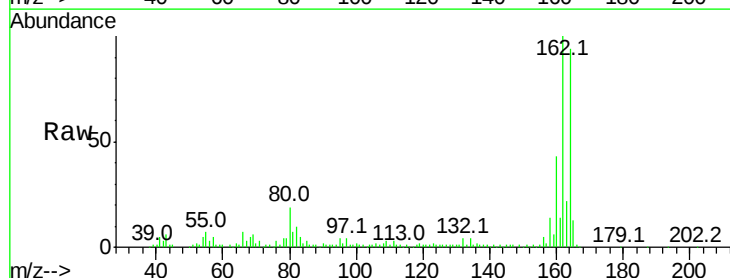
Tgt Ion:164 Resp: 108730

Ion Ratio Lower Upper

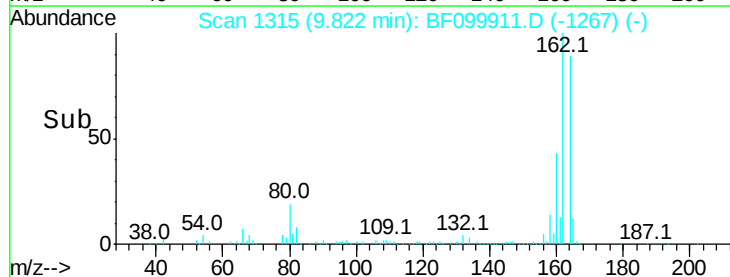
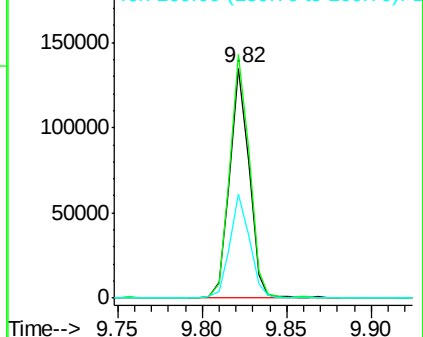
164 100

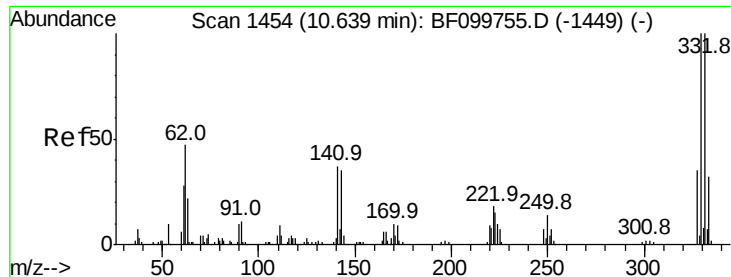
162 106.0 86.1 129.1

160 45.3 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

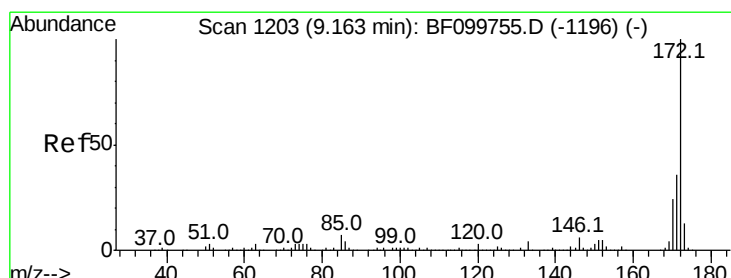
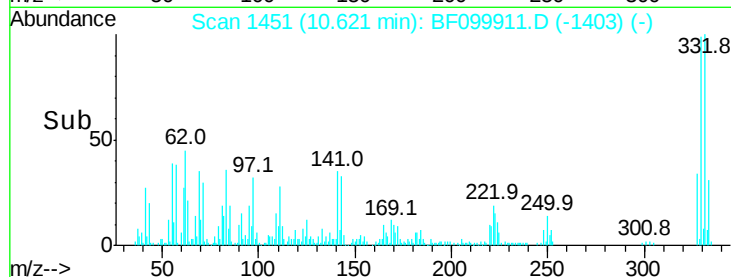
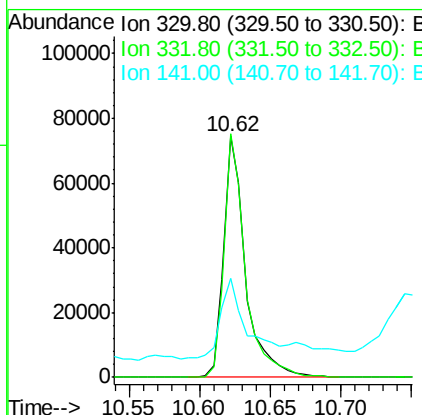
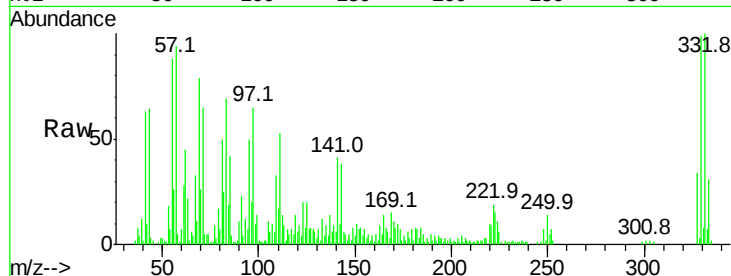




#41
 2,4,6-Tribromophenol
 Concen: 81.185 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

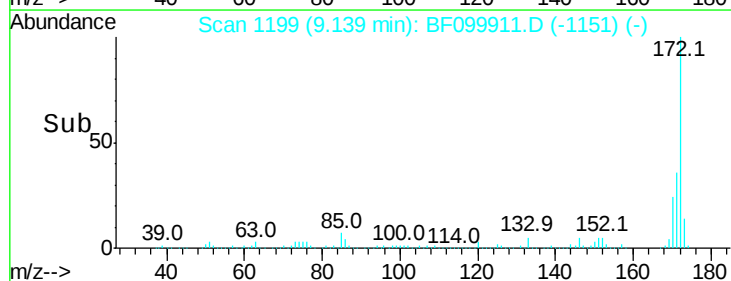
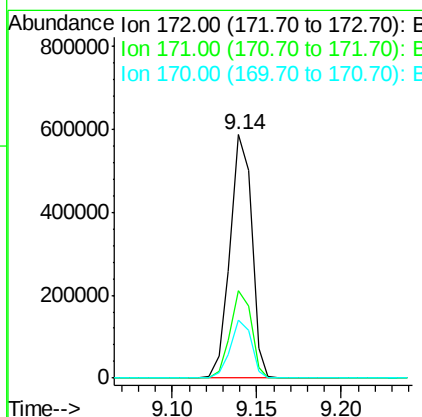
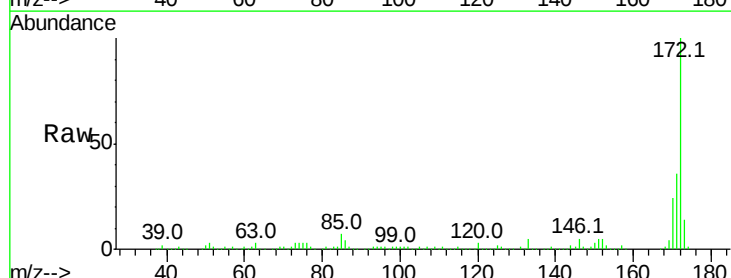
Instrument :
 BNA_F
 ClientSampleId :

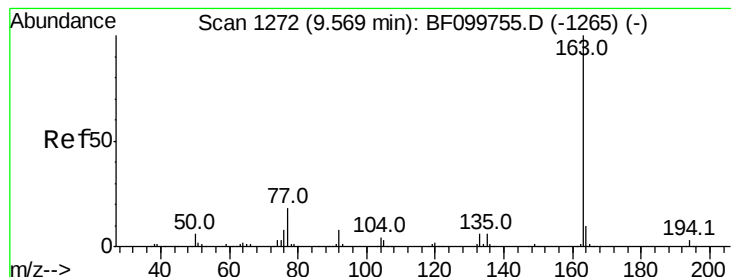
Tot Ion:330 Resp: 80444
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 38.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 74.306 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Tgt Ion:172 Resp: 523661
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4





#49

Dimethylphthalate

Concen: 6.231 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

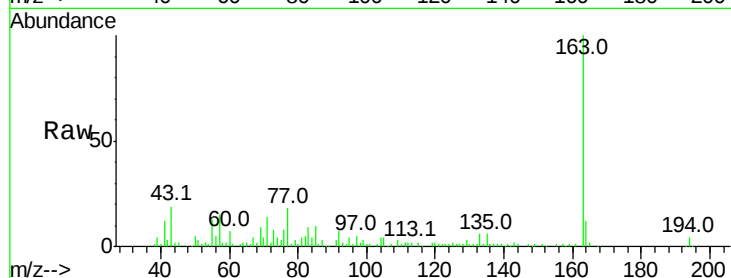
Tot Ion:163 Resp: 53655

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

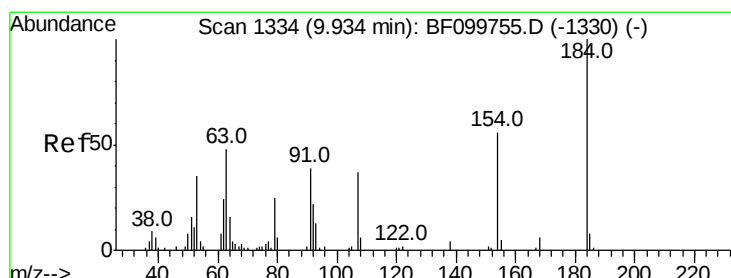
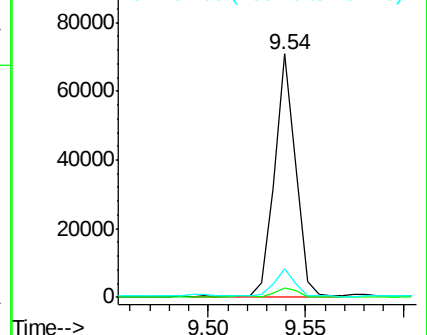
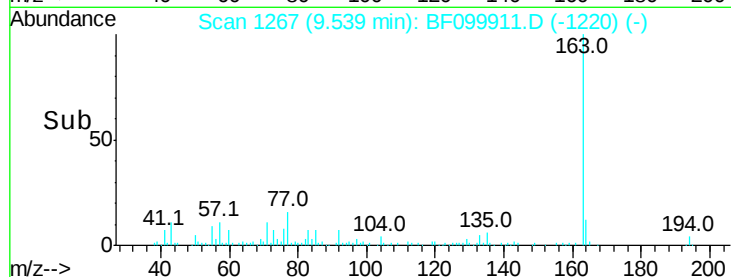
164 11.6 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 5.914 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.07 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

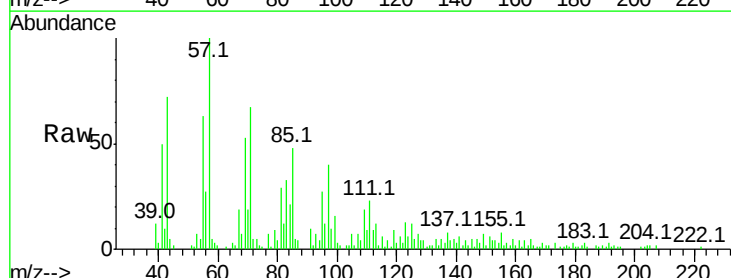
Tgt Ion:184 Resp: 118

Ion Ratio Lower Upper

184 100

63 93.7 54.2 81.2#

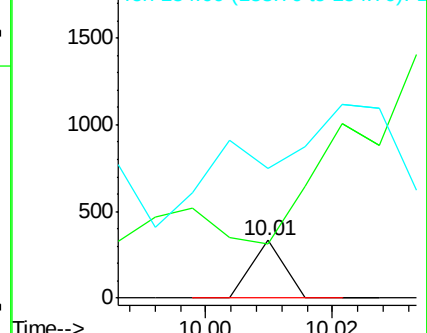
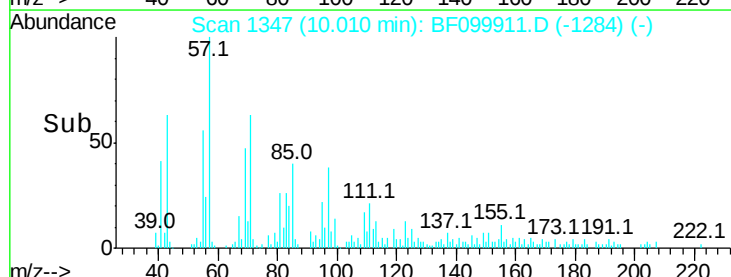
154 225.5 53.5 80.3#

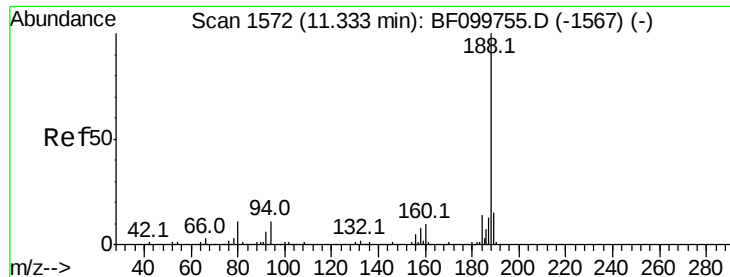


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

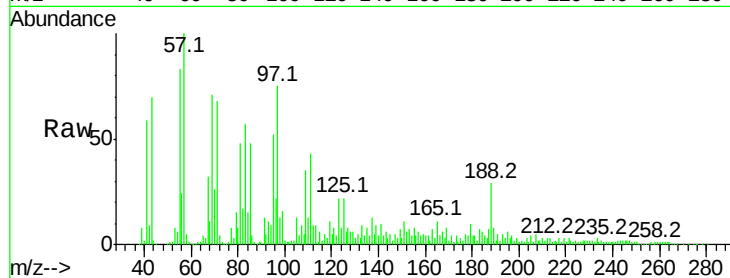
Tot Ion:188 Resp: 100786

Ion Ratio Lower Upper

188 100

94 29.1 8.5 12.7#

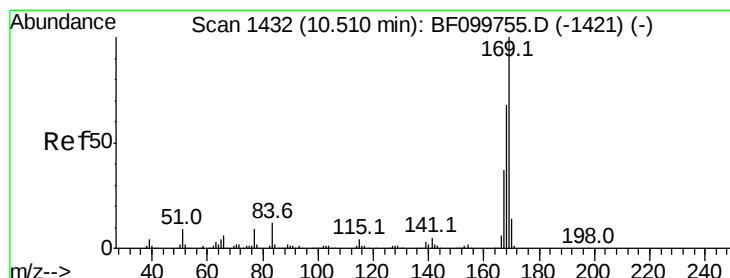
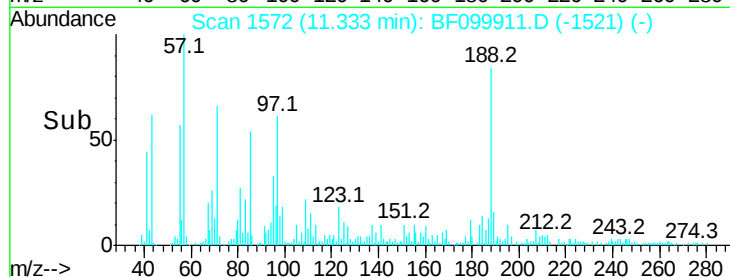
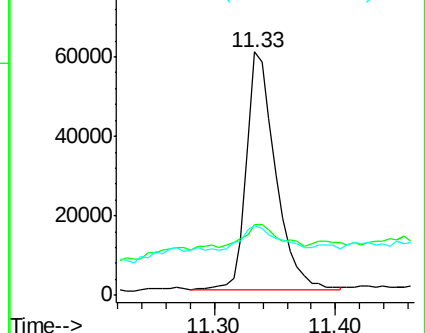
80 28.8 9.2 13.8#



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



#65

n-Nitrosodiphenylamine

Concen: 9.138 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

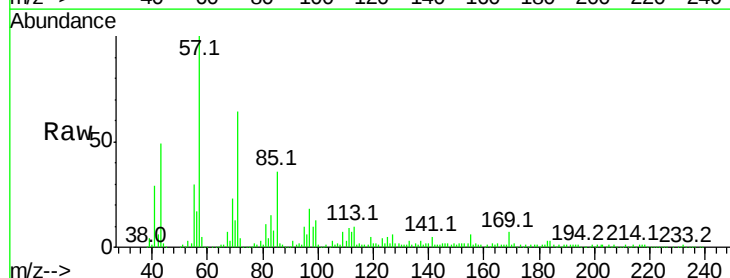
Tgt Ion:169 Resp: 33999

Ion Ratio Lower Upper

169 100

168 18.2 54.4 81.6#

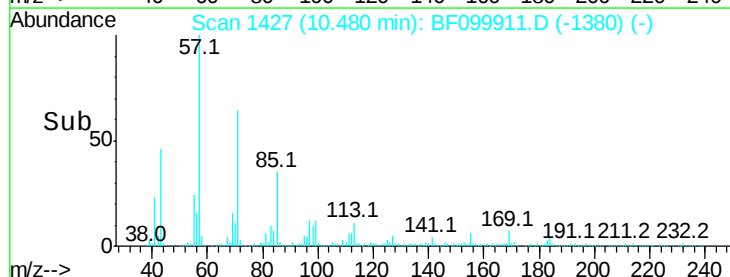
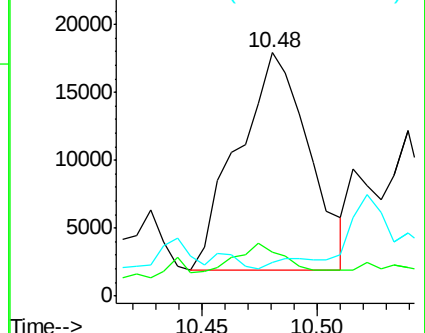
167 13.7 29.8 44.6#

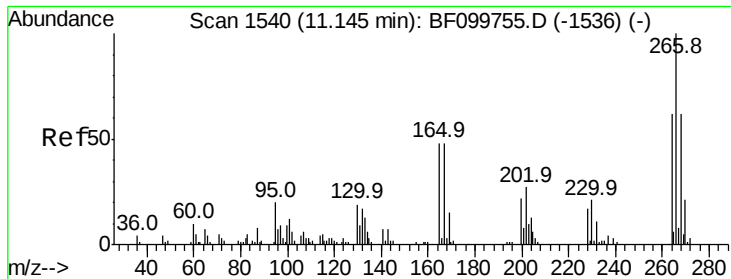


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

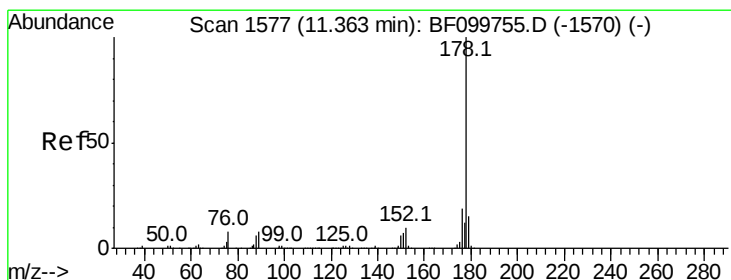
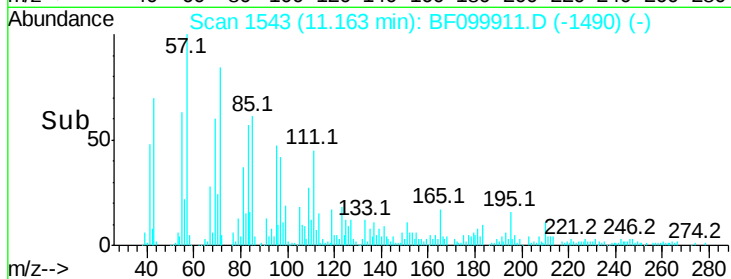
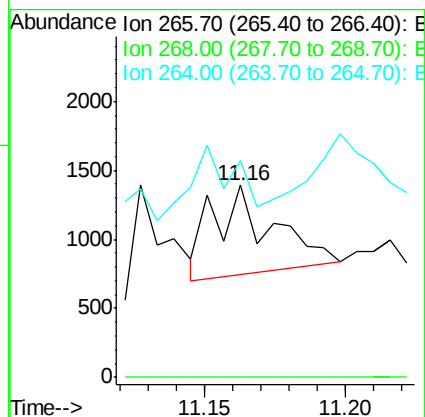
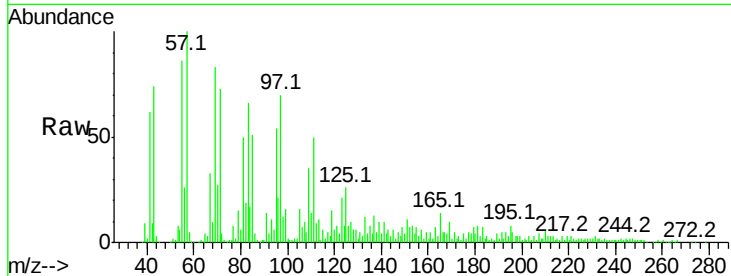




#69
 Pentachlorophenol
 Concen: 2.040 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

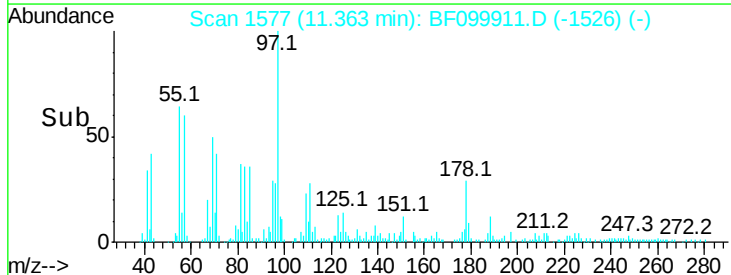
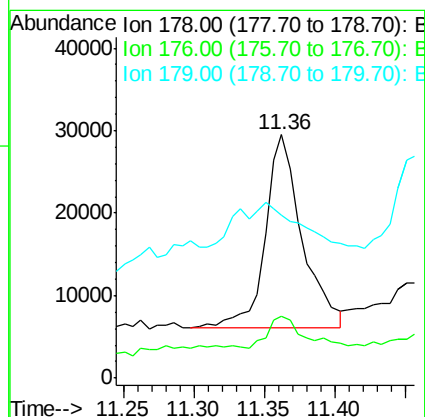
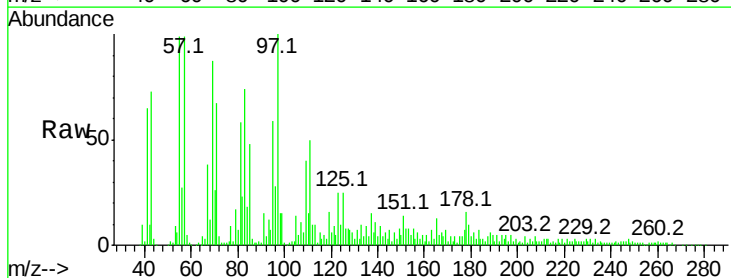
Instrument :
 BNA_F
 ClientSampled :

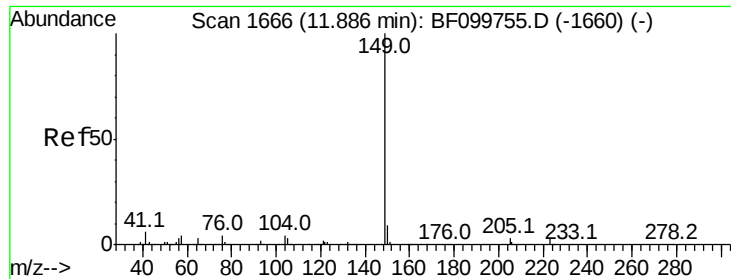
Tot Ion:266 Resp: 946
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 112.8 49.5 74.3#



#70
 Phenanthrene
 Concen: 7.517 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Tgt Ion:178 Resp: 42756
 Ion Ratio Lower Upper
 178 100
 176 25.3 15.8 23.8#
 179 66.9 13.0 19.6#





#73

Di-n-butylphthalate

Concen: 3.694 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

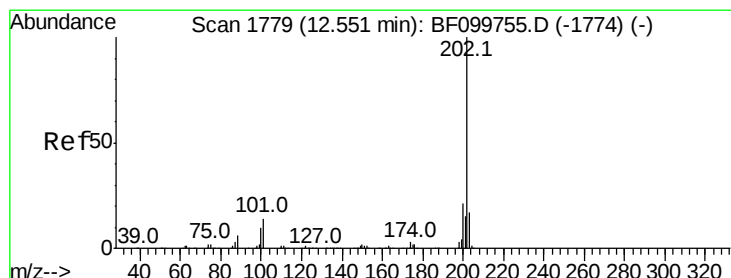
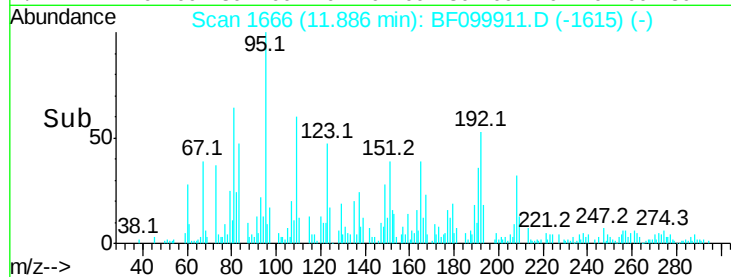
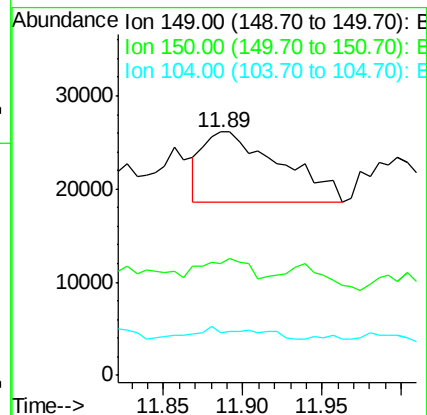
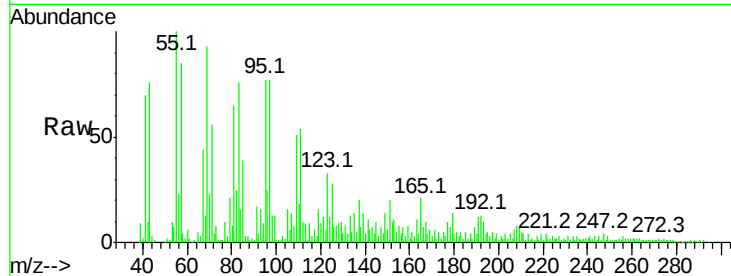
Tot Ion:149 Resp: 25578

Ion Ratio Lower Upper

149 100

150 46.1 7.8 11.6#

104 17.8 3.8 5.8#



#74

Fluoranthene

Concen: 6.276 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.04 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

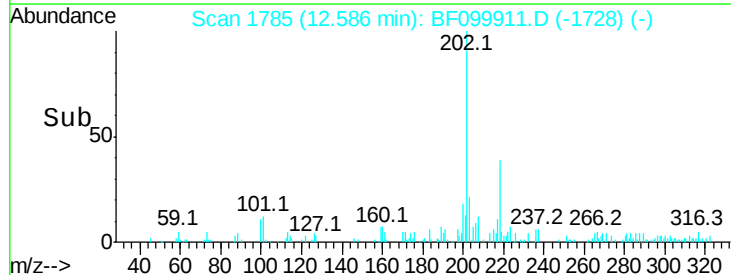
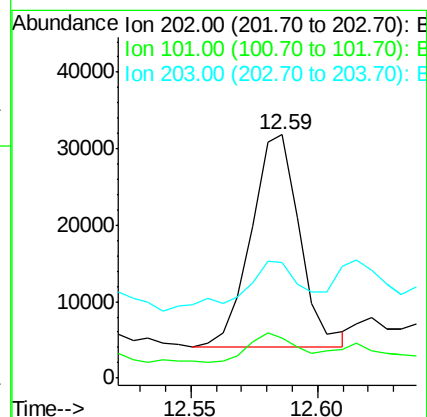
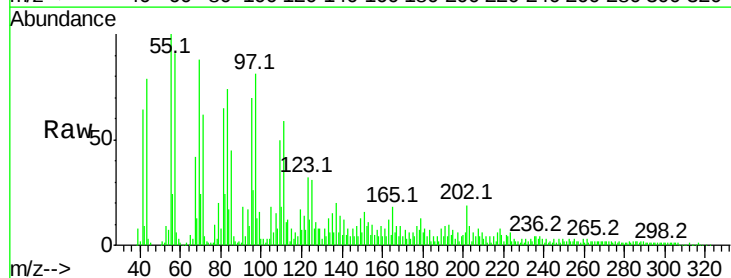
Tgt Ion:202 Resp: 37096

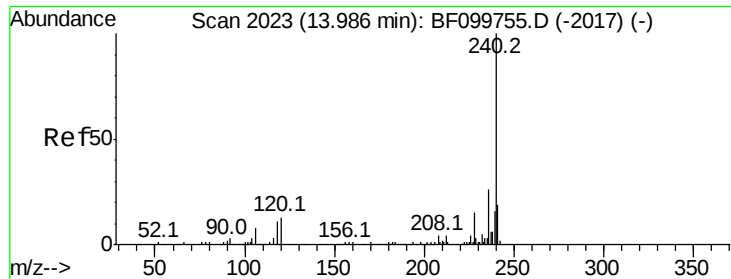
Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.1

203 47.7 0.0 38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

Instrument :

BNA_F

ClientSampleId :

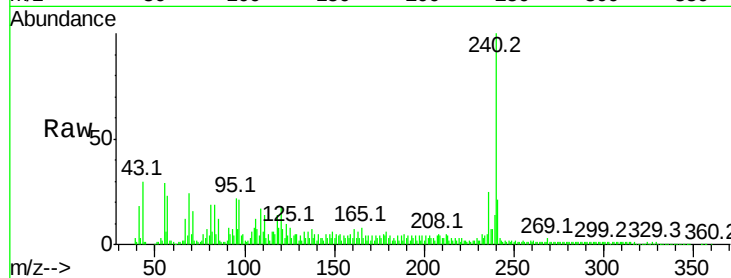
Tot Ion:240 Resp: 135219

Ion Ratio Lower Upper

240 100

120 17.5 9.5 14.3#

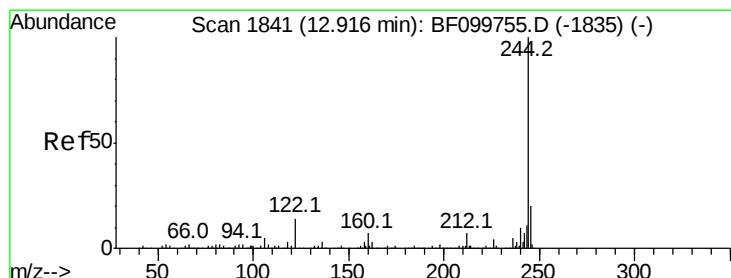
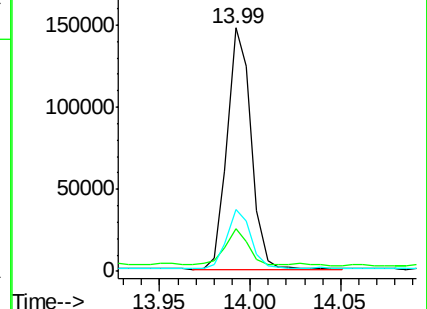
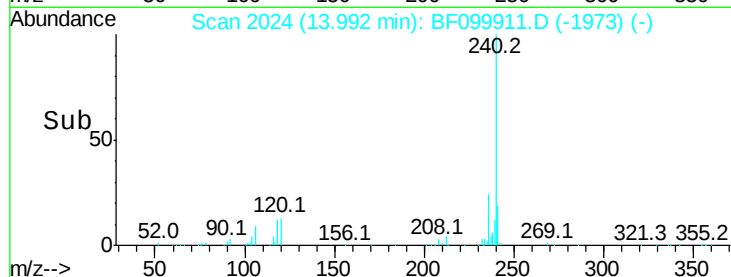
236 25.4 20.7 31.1



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: 36.477 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.02 min

Lab File: BF099911.D

Acq: 28 Oct 2017 12:25

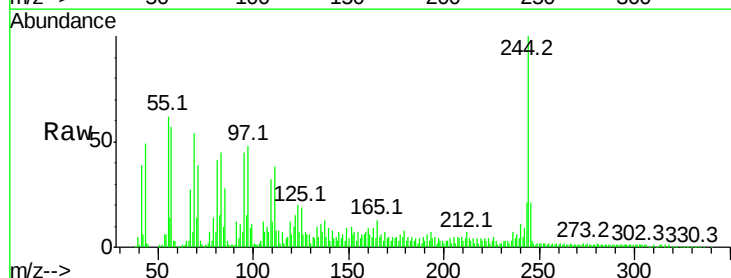
Tgt Ion:244 Resp: 225700

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

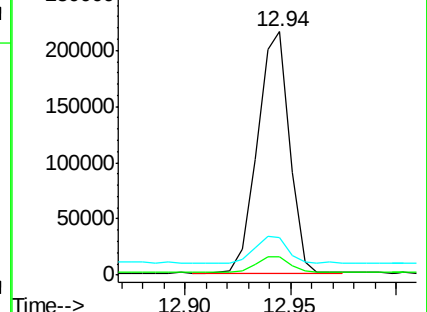
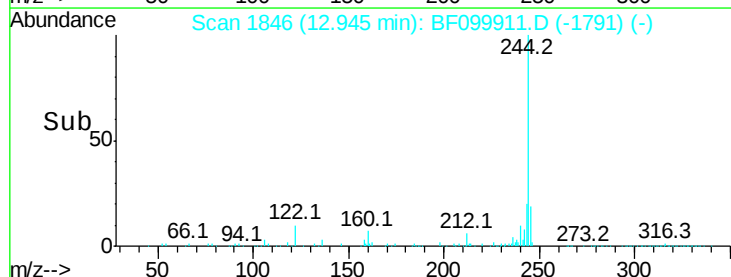
122 15.5 11.0 16.4

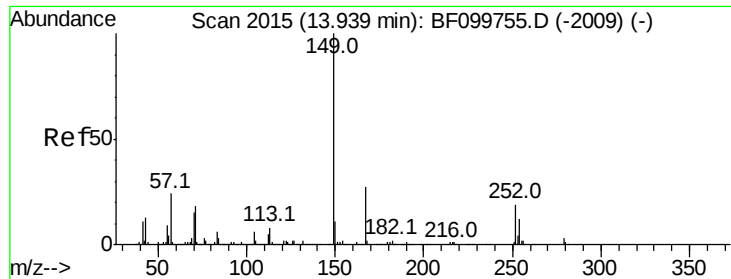


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

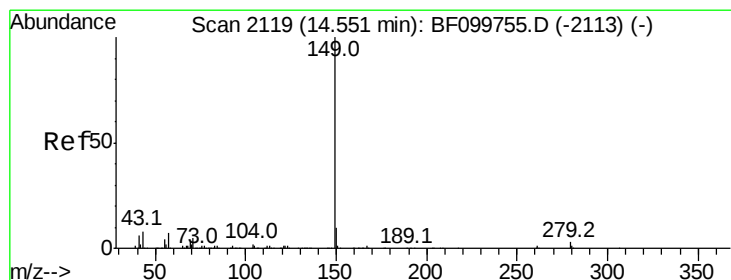
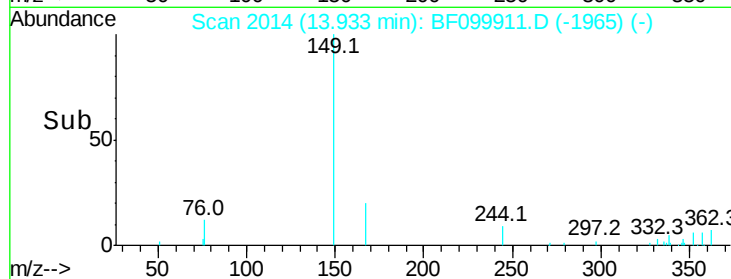
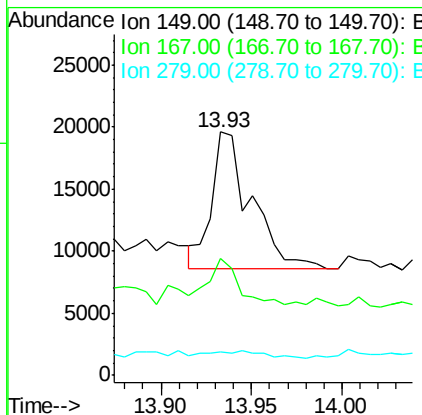
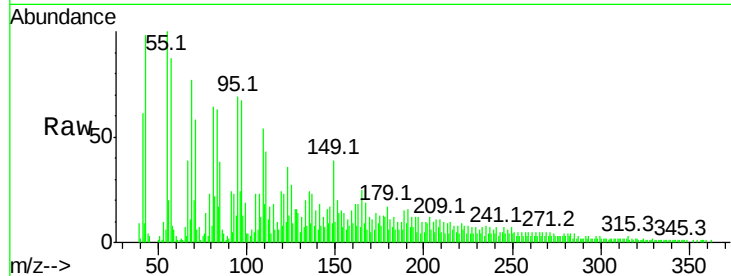




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.344 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

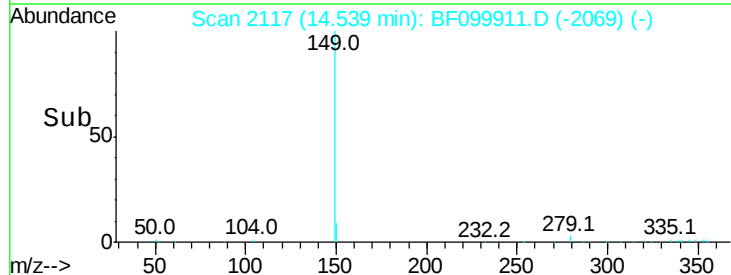
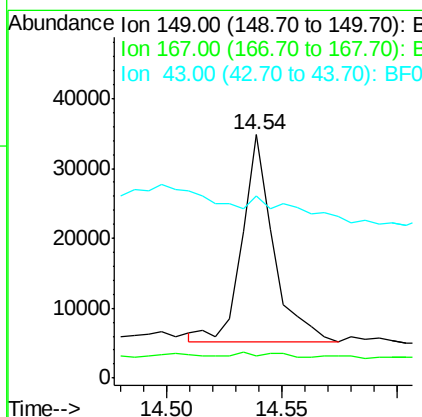
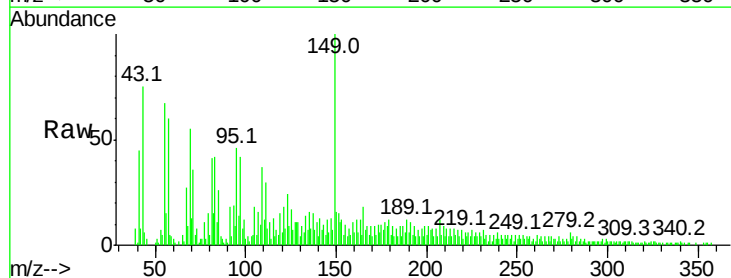
Instrument :
 BNA_F
 ClientSampled :

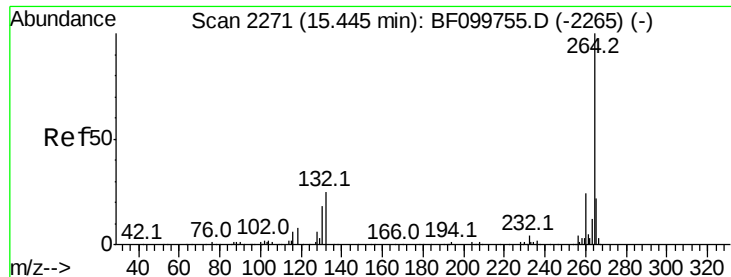
Tot Ion:149 Resp: 16669
 Ion Ratio Lower Upper
 149 100
 167 48.2 21.3 31.9#
 279 9.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 2.293 ng
 RT: 14.54 min Scan# 2117
 Delta R.T. -0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Tgt Ion:149 Resp: 27985
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.4 12.6#

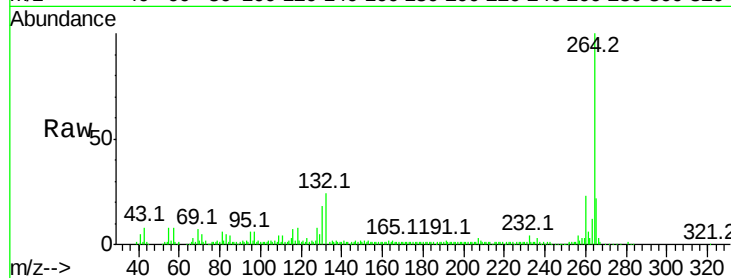




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.5	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

