

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 :
 220-3A-B-STONES

Quant Time: Oct 30 02:20:57 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

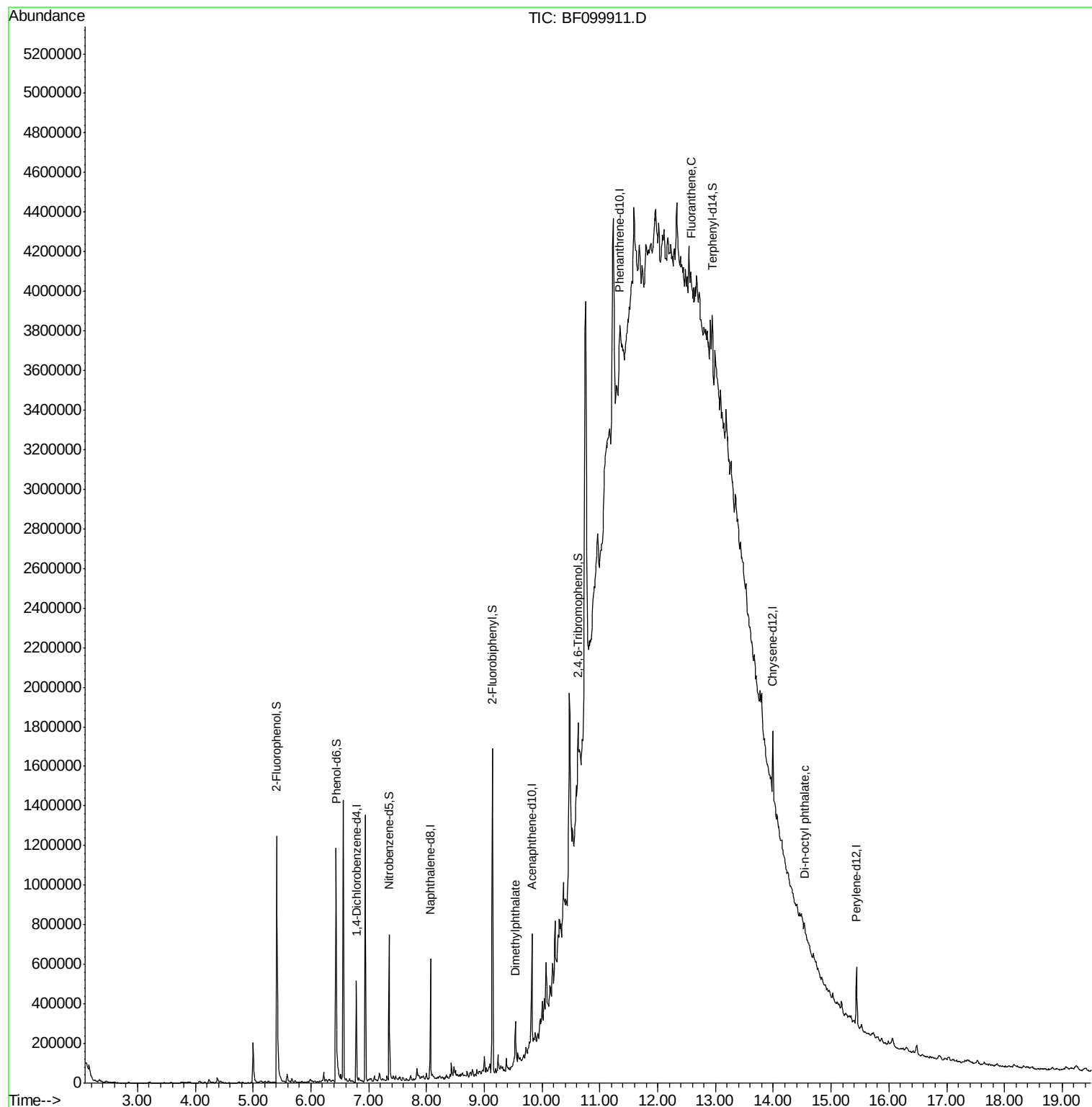
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78076	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	278575	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	108730	20.00	ng	-0.02
63) Phenanthrene-d10	11.33	188	100786	20.00	ng	0.00
75) Chrysene-d12	13.99	240	135219	20.00	ng	0.00
86) Perylene-d12	15.44	264	138621	20.00	ng	-0.02
System Monitoring Compounds						
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						
49) Dimethylphthalate	9.54	163	53655	6.231	ng	97
74) Fluoranthene	12.59	202	37096	6.276	ng	# 60
84) Di-n-octyl phthalate	14.54	149	27985	2.293	ng	# 75

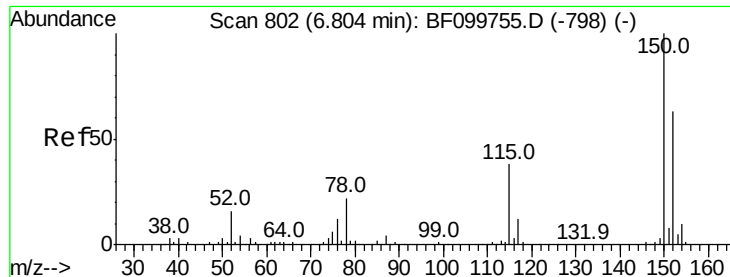
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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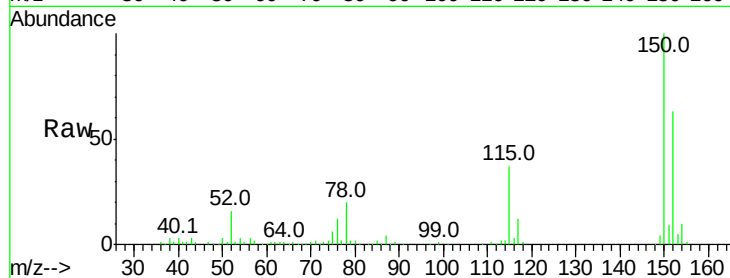


#1

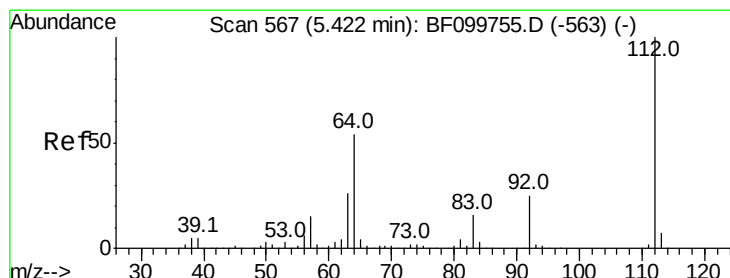
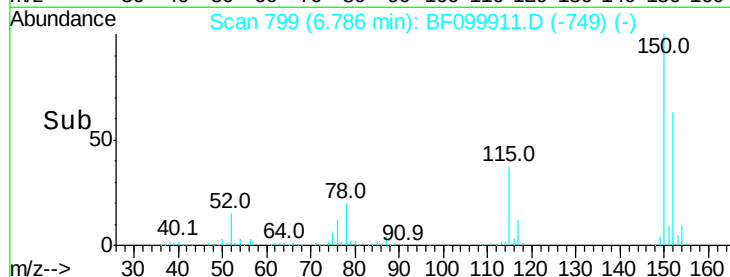
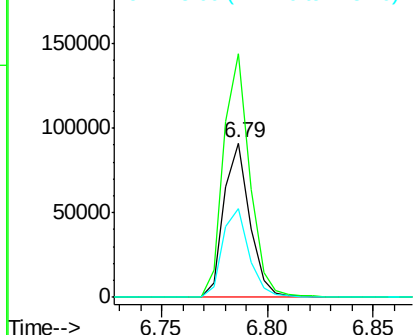
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Instrument :
BNA_F
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220-3A-B-STONES

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



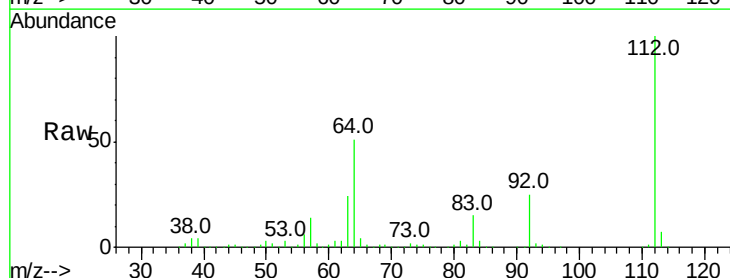
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



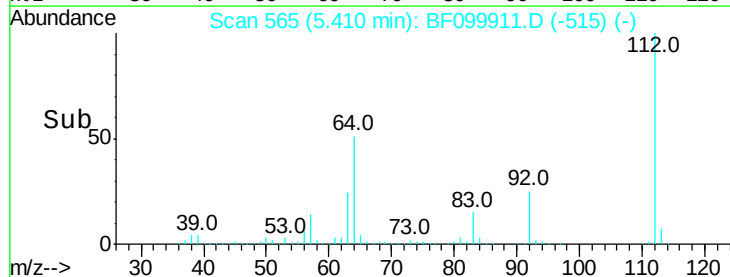
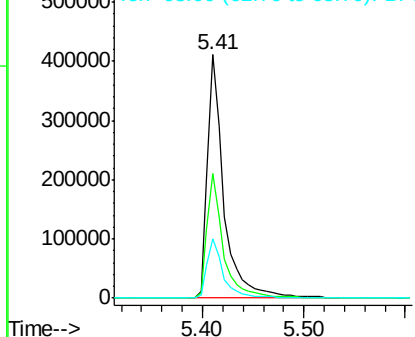
#5

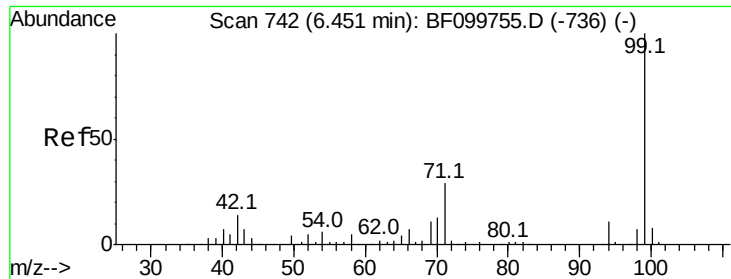
2-Fluorophenol
Concen: 92.913 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

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 :

220-3A-B-STONES

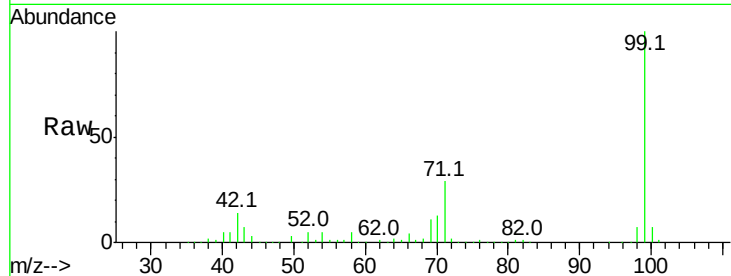
Tot Ion: 99 Resp: 510563

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

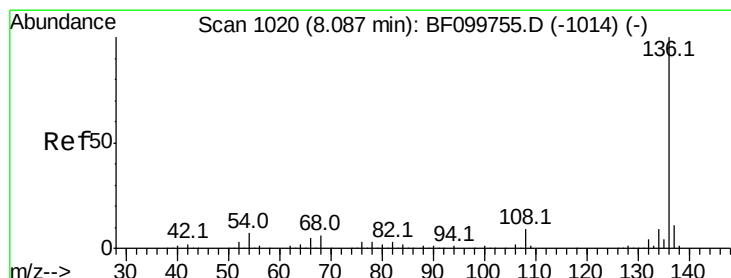
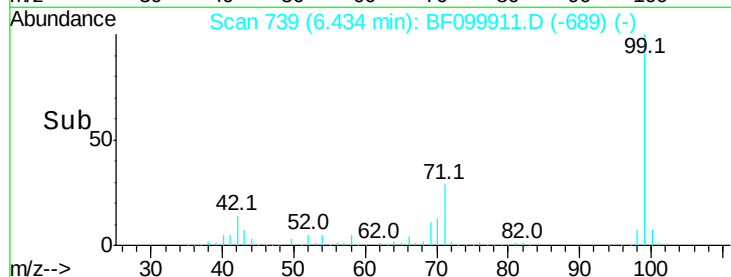
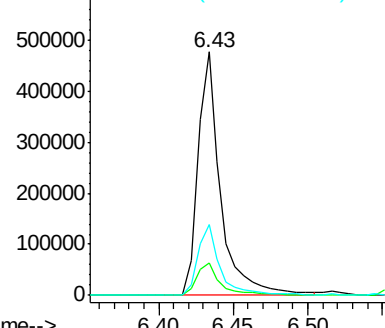
71 29.2 25.4 38.0



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



#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

Tgt Ion:136 Resp: 278575

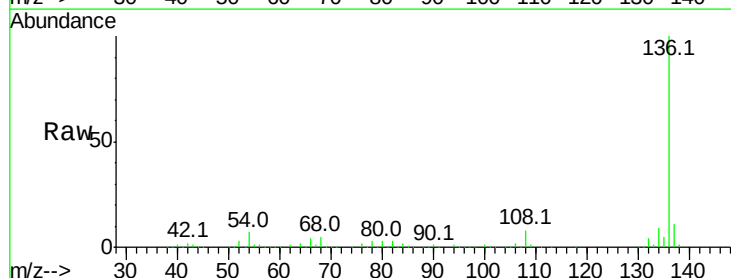
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

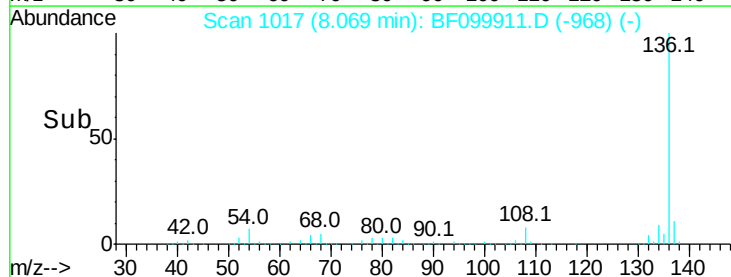
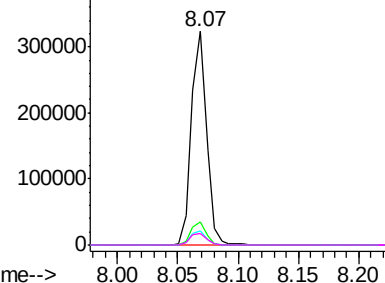


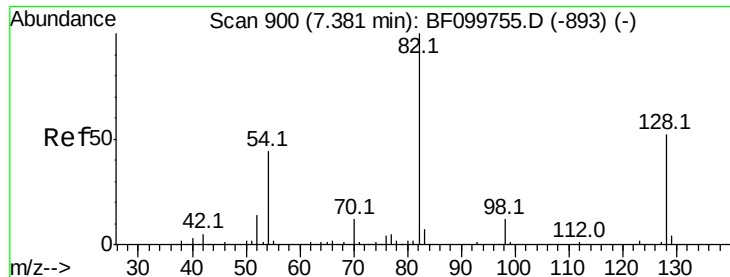
Abundance Ion 136.00 (135.70 to 136.70): E

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

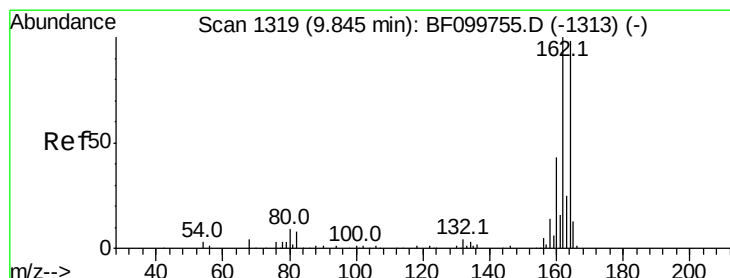
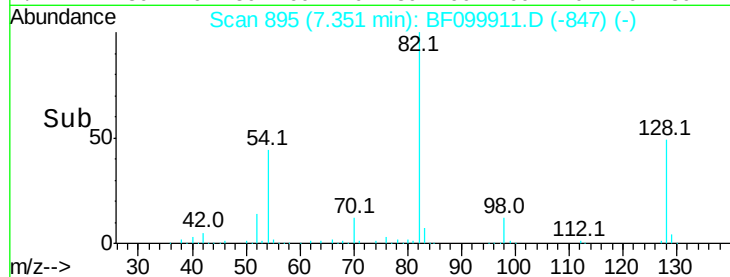
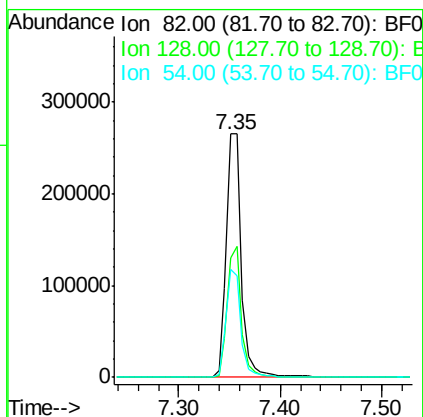
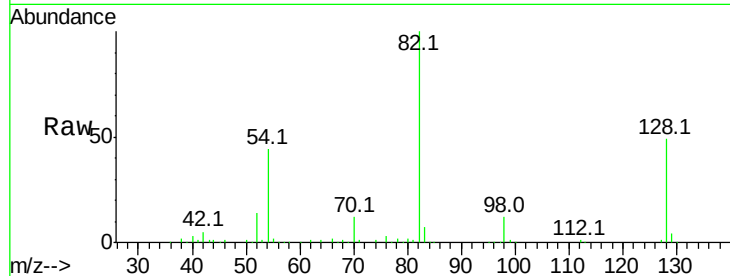




#23
Nitrobenzene-d5
Concen: 63.492 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

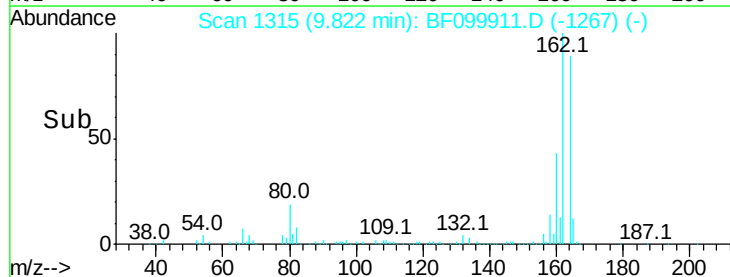
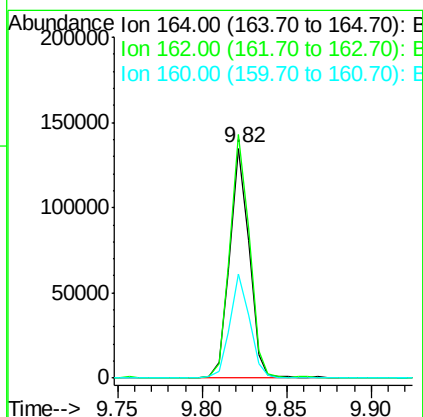
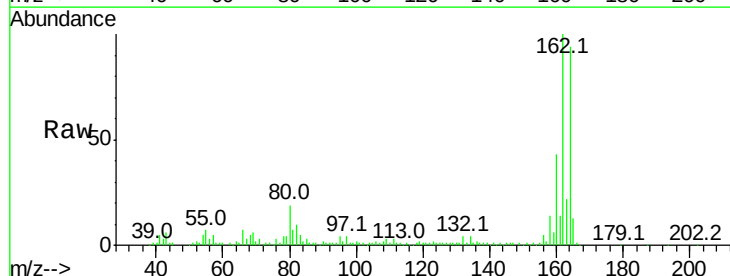
Instrument :
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220-3A-B-STONES

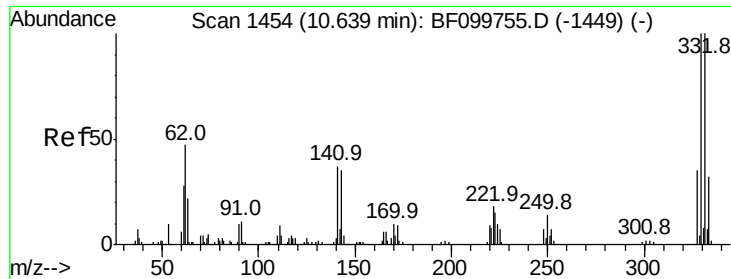
Tot Ion: 82 Resp: 274729
Ion Ratio Lower Upper
82 100
128 48.9 36.1 54.1
54 44.2 41.4 62.2



#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

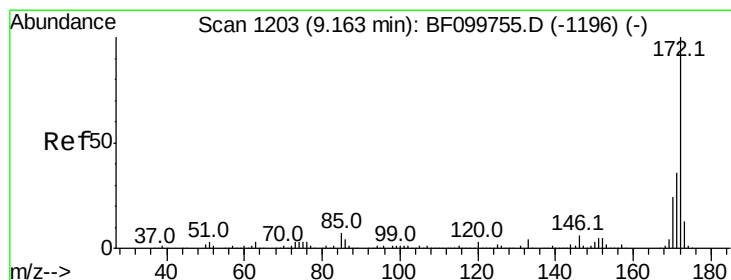
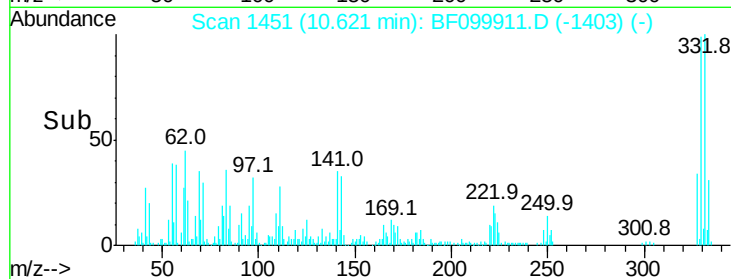
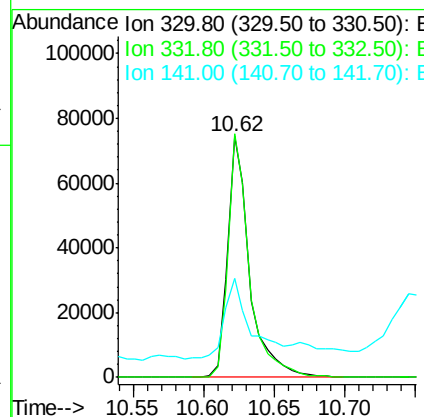
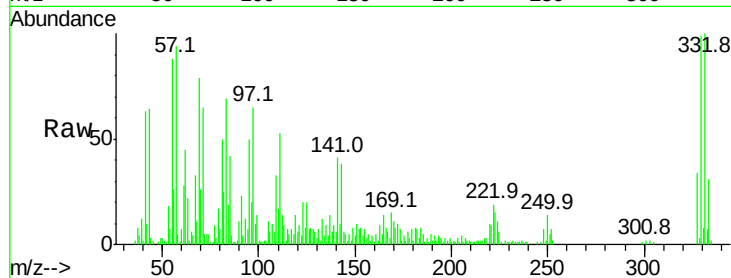




#41
 2,4,6-Tribromophenol
 Concen: 81.185 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

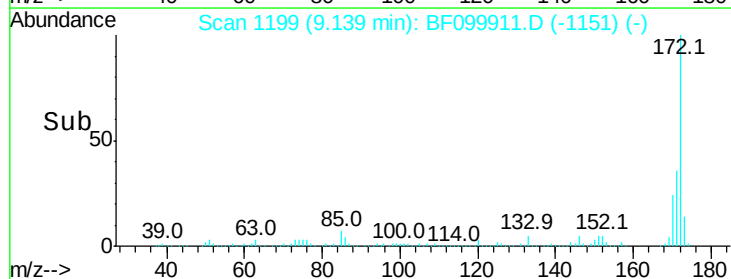
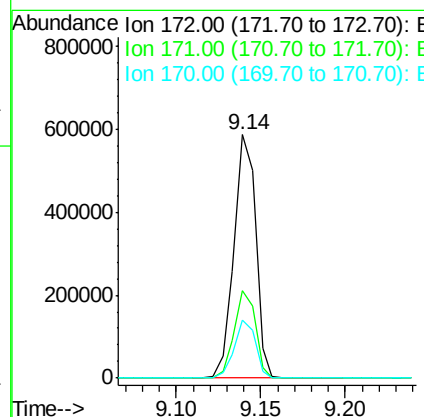
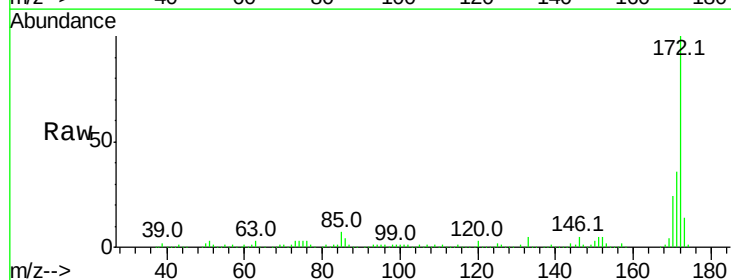
Instrument :
 BNA_F
 ClientSampleId :
 220-3A-B-STONES

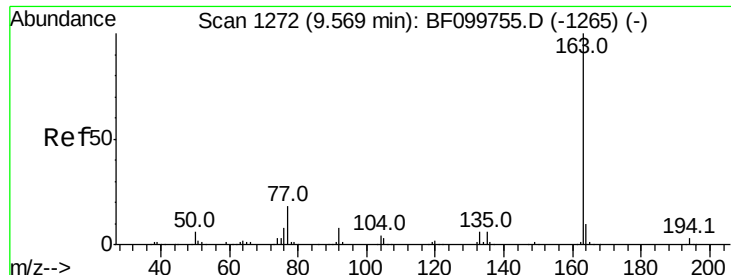
Tot Ion:330 Resp: 80444
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 38.7 29.9 44.9



#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

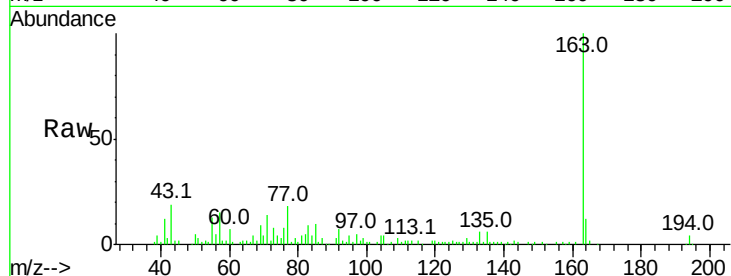




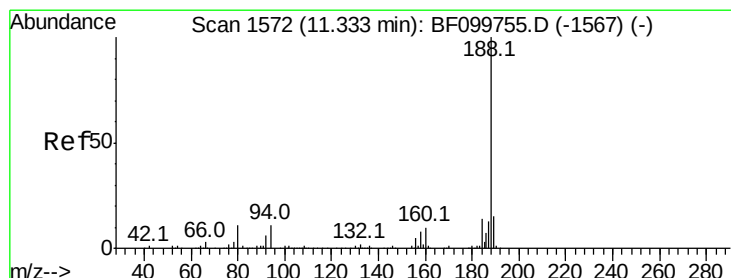
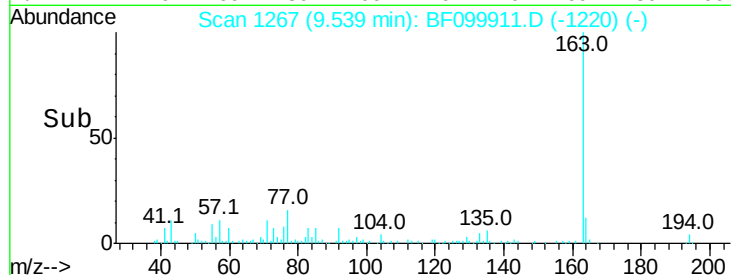
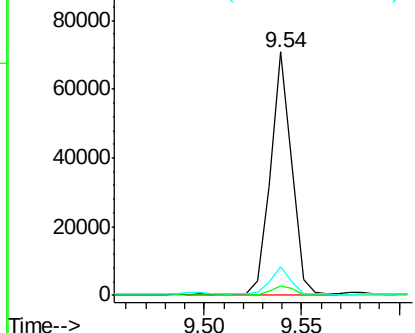
#49
Dimethylphthalate
Concen: 6.231 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Instrument :
BNA_F
ClientSampleId :
220-3A-B-STONES

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	11.6	8.2	12.2

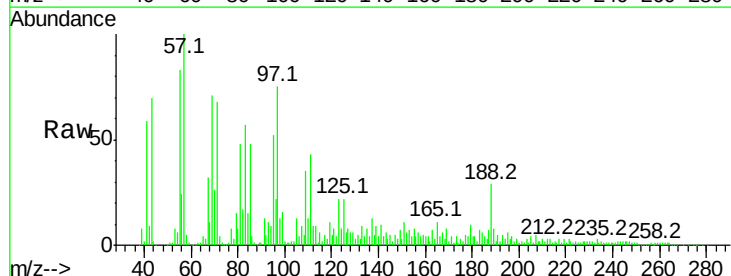


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

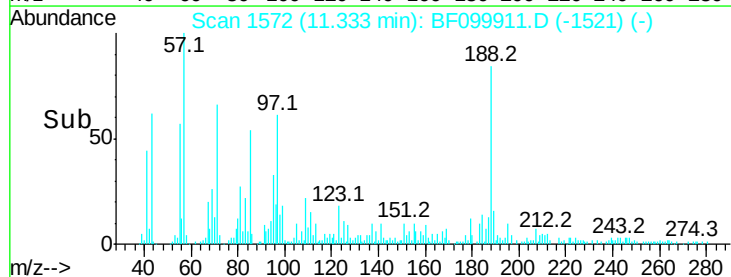
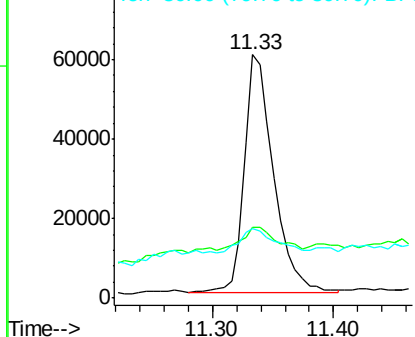


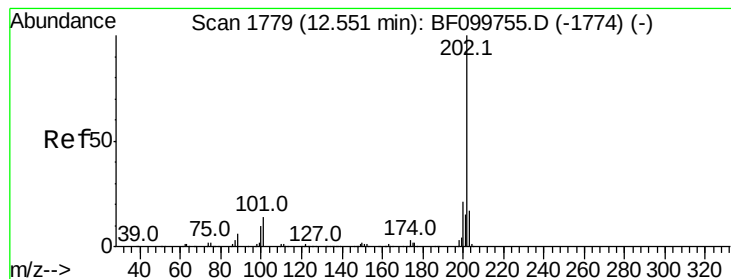
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099911.D
Acq: 28 Oct 2017 12:25

Tgt 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





#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

Instrument :

BNA_F

ClientSampleId :

220-3A-B-STONES

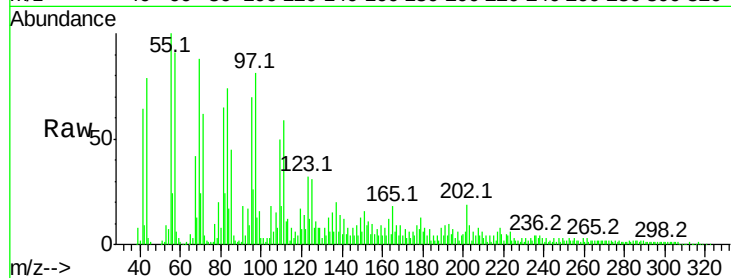
Tot Ion:202 Resp: 37096

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.1

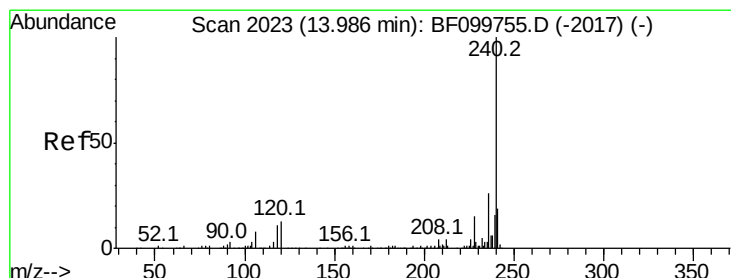
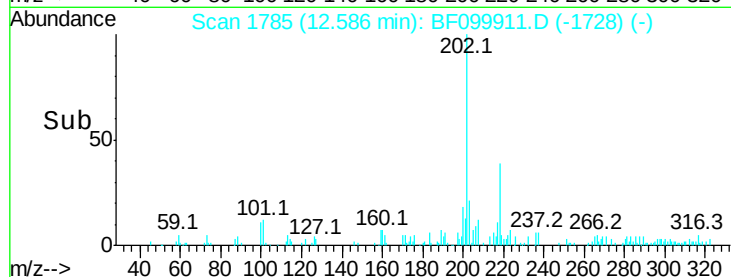
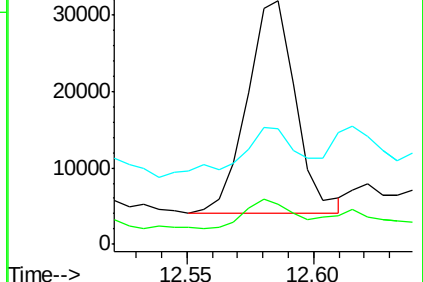
203 47.7 0.0 38.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#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

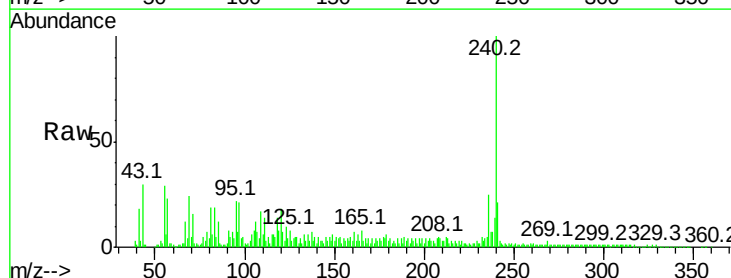
Tgt Ion:240 Resp: 135219

Ion Ratio Lower Upper

240 100

120 17.5 9.5 14.3#

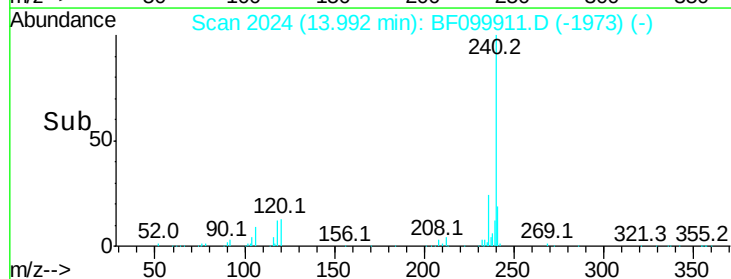
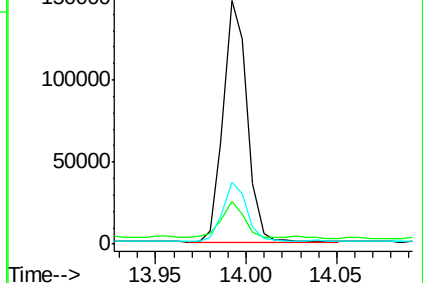
236 25.4 20.7 31.1

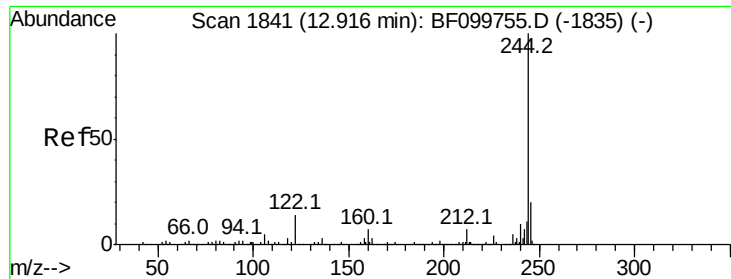


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

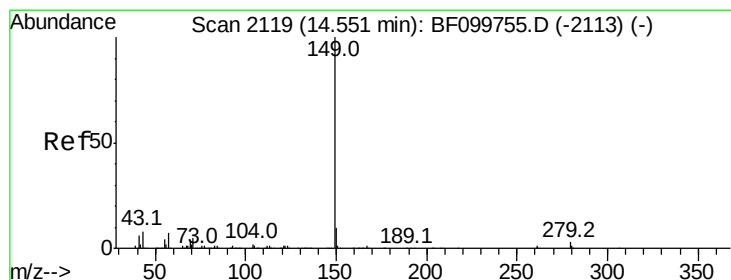
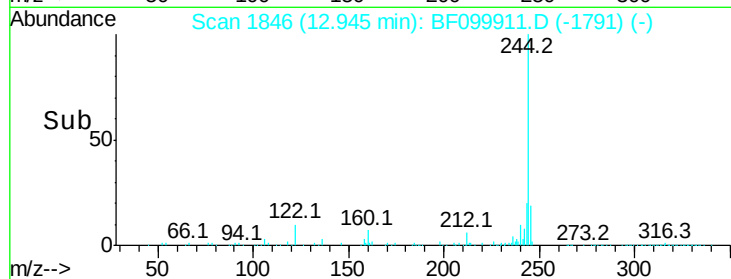
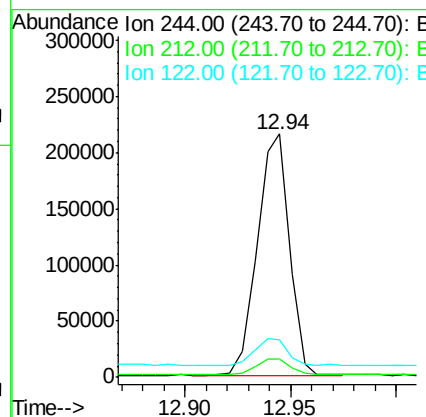
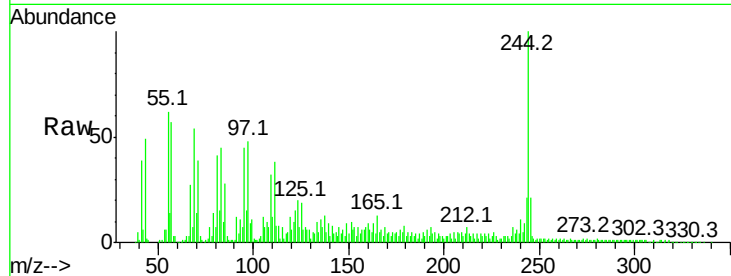




#78
 Terphenyl-d14
 Concen: 36.477 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

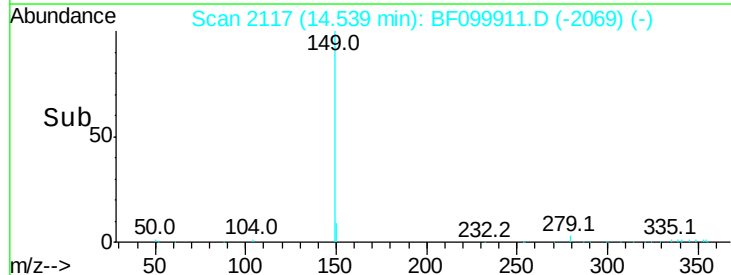
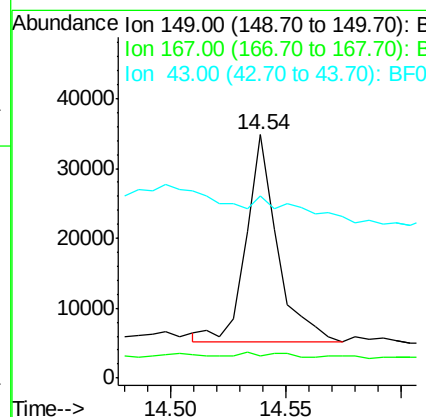
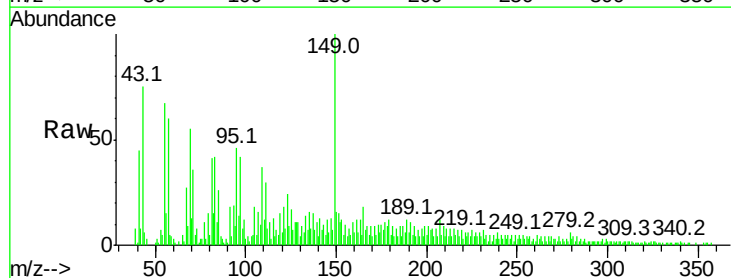
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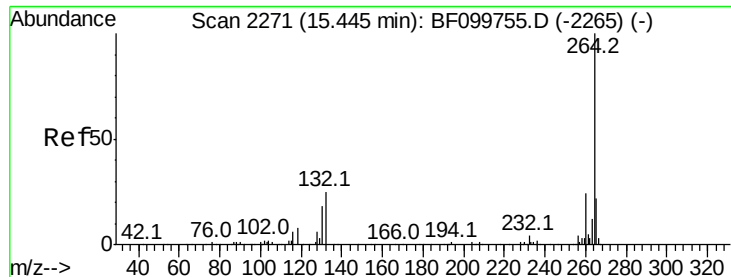
Tot Ion:244 Resp: 225700
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 15.5 11.0 16.4



#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#

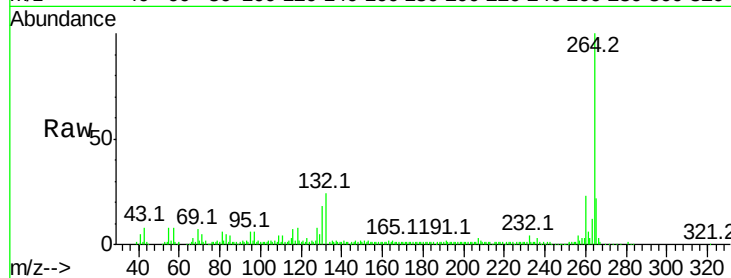




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BF099911.D
 Acq: 28 Oct 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :
 220-3A-B-STONES

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

