

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095066.D
 Acq On : 10 May 2017 20:38
 Operator : SJ/MA
 Sample : I3049-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-M4935

Quant Time: May 11 07:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

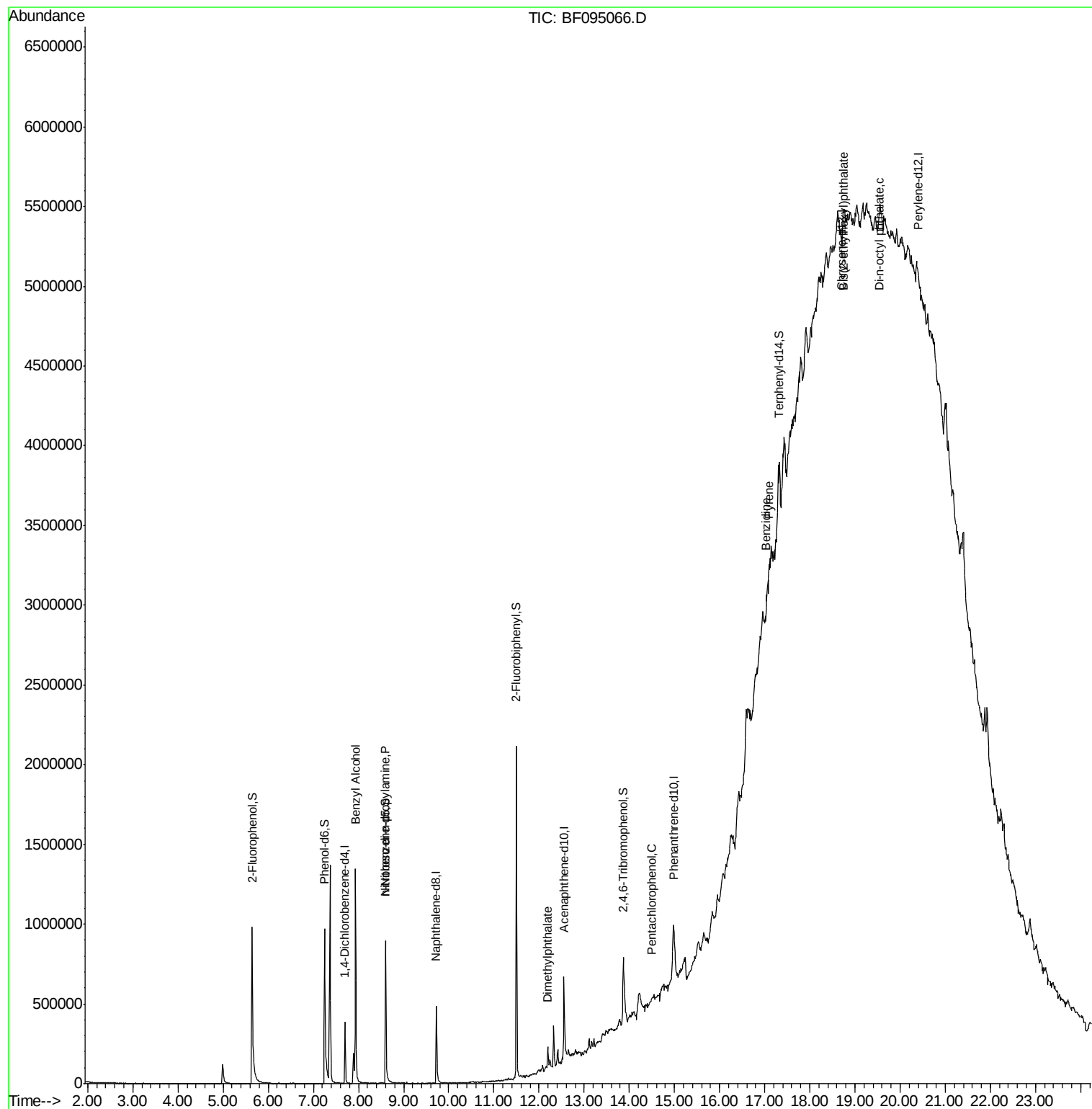
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	78018	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	351035	20.00	ng	-0.03
38) Acenaphthene-d10	12.55	164	150820	20.00	ng	-0.03
63) Phenanthrene-d10	14.98	188	237388	20.00	ng	0.00
75) Chrysene-d12	18.71	240	89171	20.00	ng	0.05
86) Perylene-d12	20.41	264	78548	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	609612	130.27	ng	-0.04
7) Phenol-d6	7.25	99	662426	117.98	ng	-0.03
23) Nitrobenzene-d5	8.60	82	437170	78.53	ng	-0.04
41) 2,4,6-Tribromophenol	13.87	330	143201	115.94	ng	-0.02
44) 2-Fluorobiphenyl	11.50	172	876238	83.62	ng	-0.03
78) Terphenyl-d14	17.32	244	461277	113.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.94	79	7536	2.09	ng	# 50
19) n-Nitroso-di-n-propylamine	8.60	70	55953	14.73	ng	# 77
49) Dimethylphthalate	12.20	163	80396	6.49	ng	# 98
69) Pentachlorophenol	14.48	266	153	5.99	ng	# 18
76) Benzidine	17.04	184	307	6.70	ng	# 1
77) Pyrene	17.09	202	13650	2.05	ng	# 24
83) Bis(2-ethylhexyl)phthalate	18.75	149	241951	54.74	ng	# 93
84) Di-n-octyl phthalate	19.53	149	18503	2.55	ng	# 75

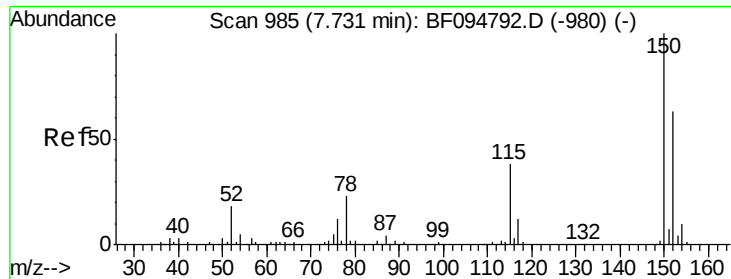
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

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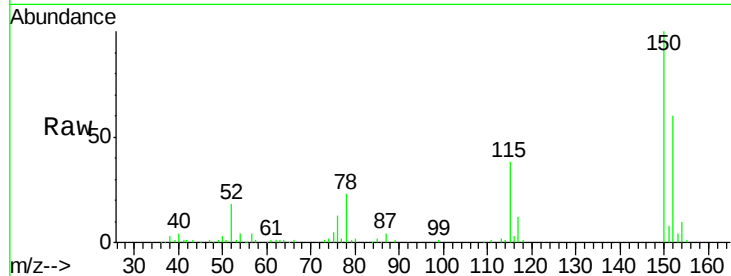
Tgt Ion:152 Resp: 78018

Ion Ratio Lower Upper

152 100

150 165.6 126.2 189.2

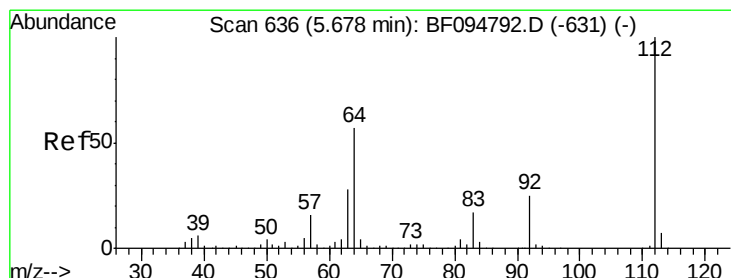
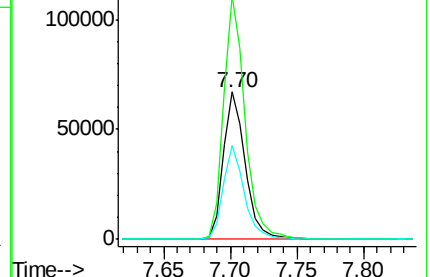
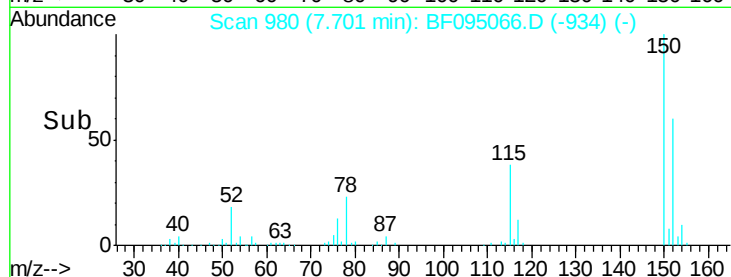
115 63.5 52.2 78.2



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: 130.27 ng

RT: 5.64 min Scan# 630

Delta R.T. -0.04 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

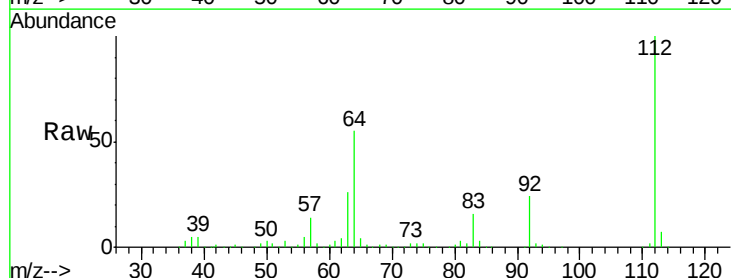
Tgt Ion:112 Resp: 609612

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

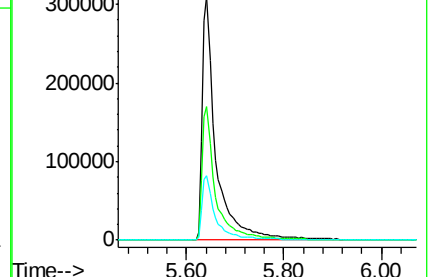
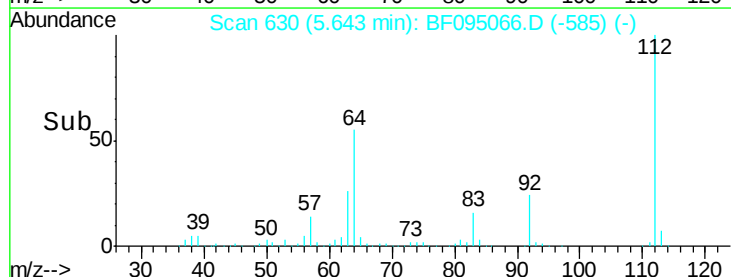
63 26.2 23.4 35.0



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: 117.98 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

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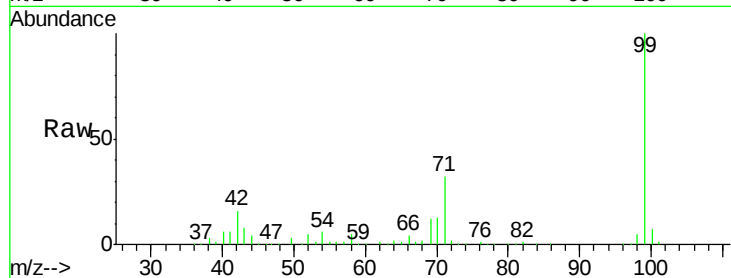
Tgt Ion: 99 Resp: 662426

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

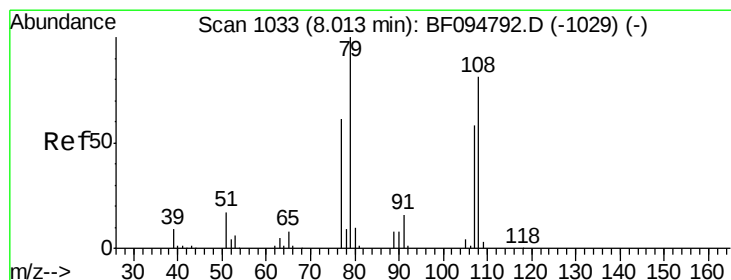
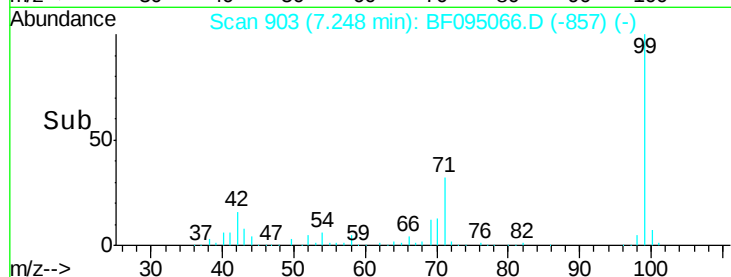
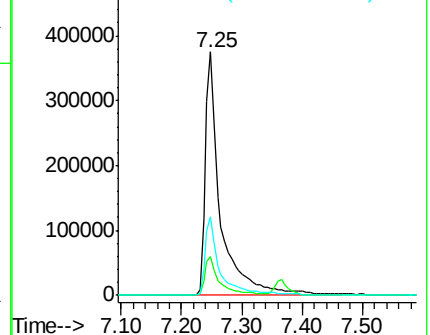
71 32.2 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

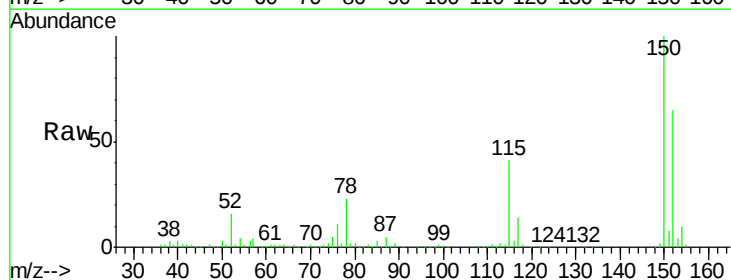
Tgt Ion: 79 Resp: 7536

Ion Ratio Lower Upper

79 100

108 27.7 63.4 95.0#

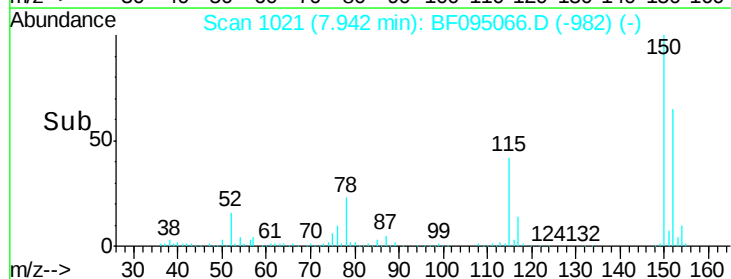
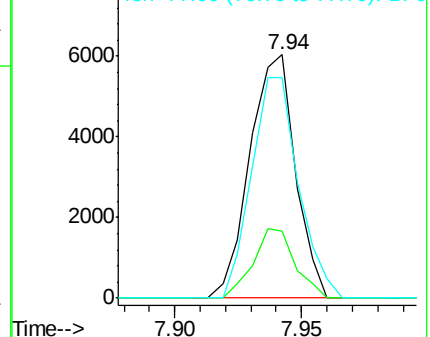
77 90.4 49.2 73.8#

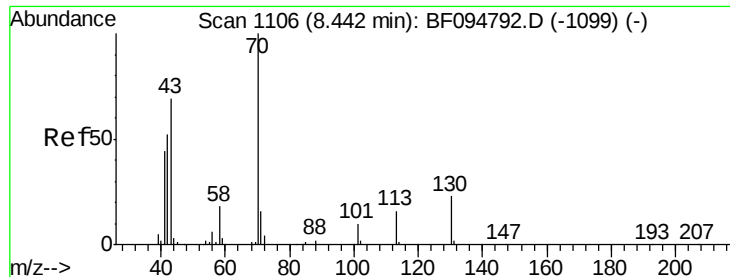


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

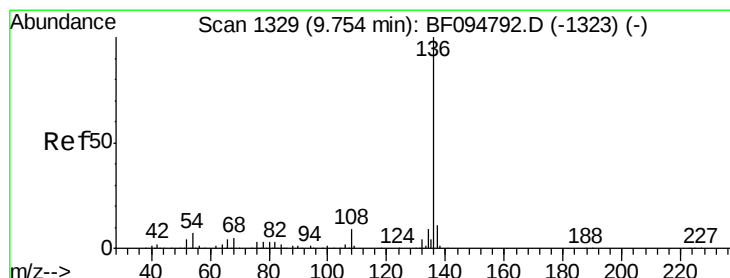
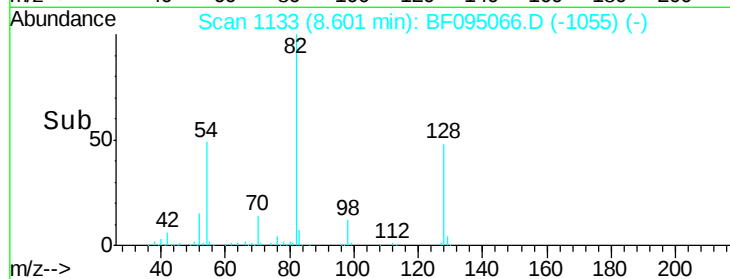
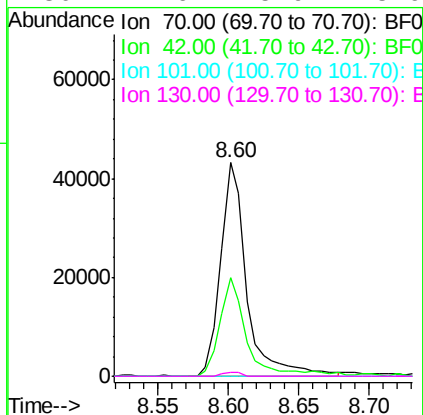
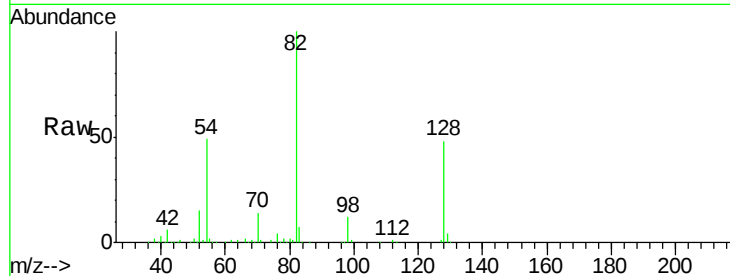




#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.16 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

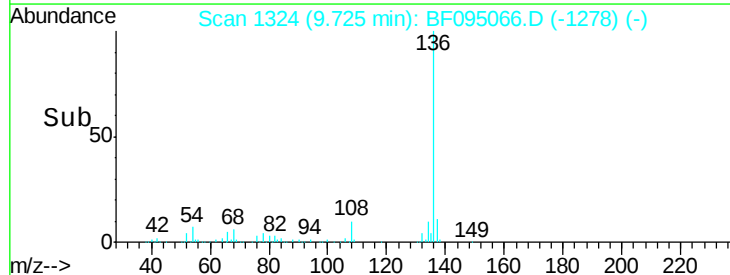
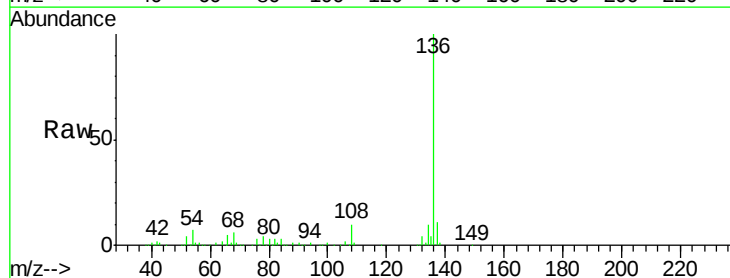
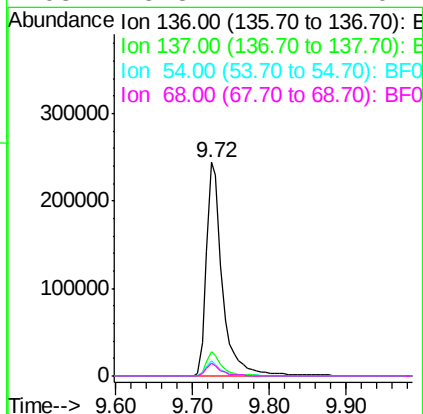
Instrument :
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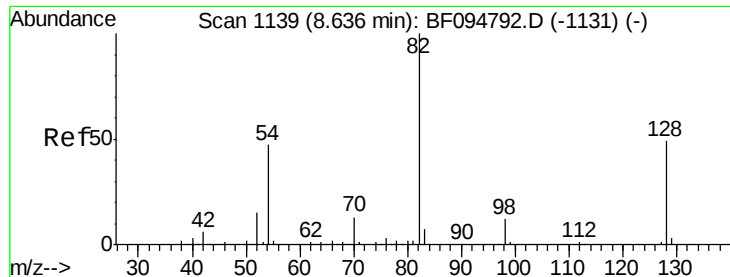
Tgt Ion: 70 Resp: 55953
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 1.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

Tgt Ion: 136 Resp: 351035
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 7.1 4.9 7.3
68 5.8 4.1 6.1

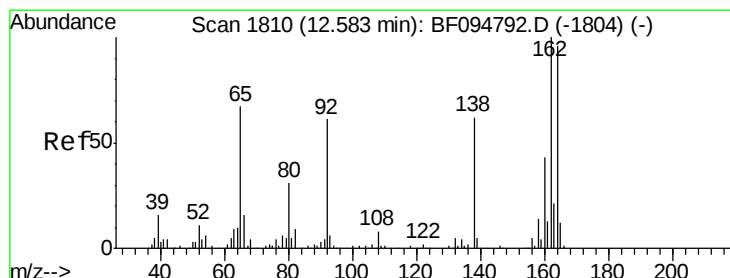
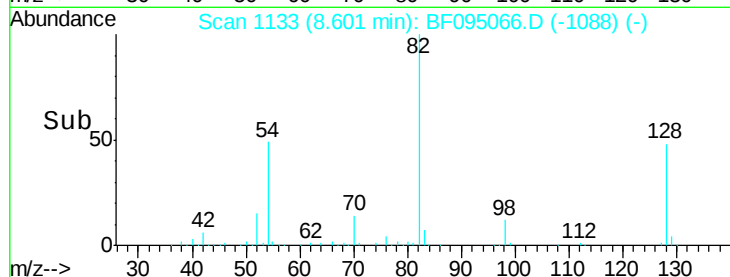
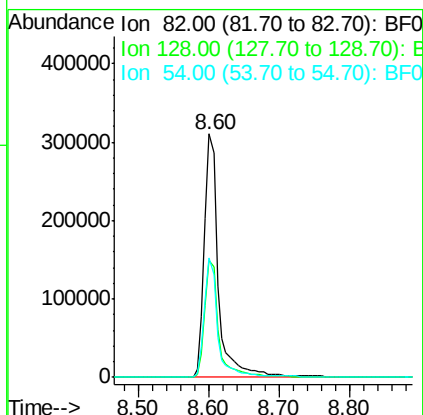
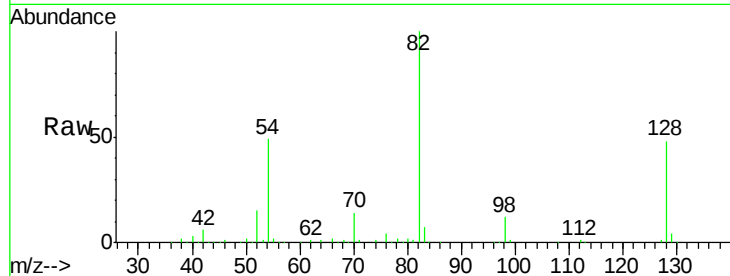




#23
 Nitrobenzene-d5
 Concen: 78.53 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.04 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

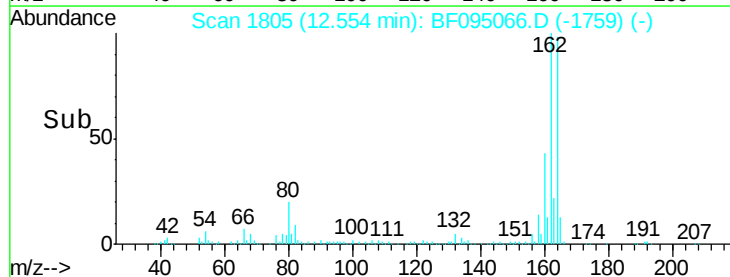
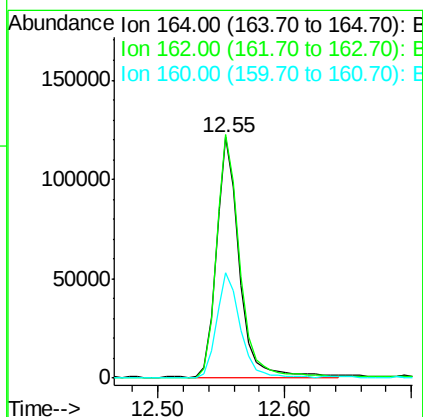
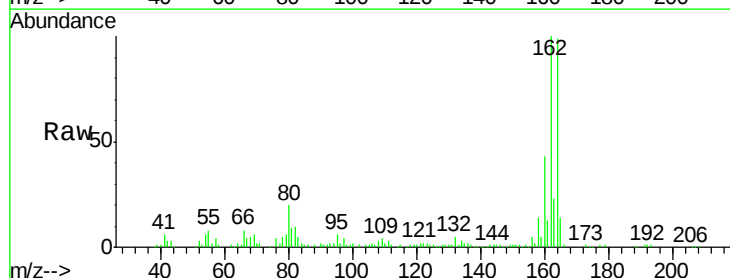
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-M4935

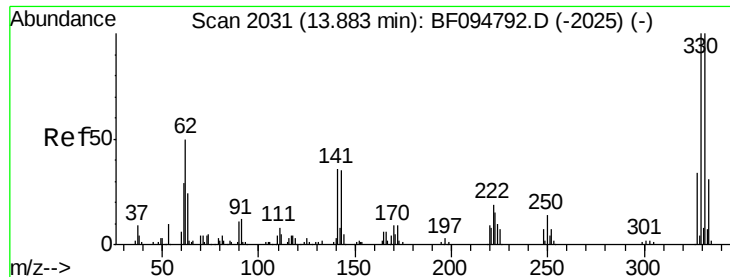
Tgt Ion: 82 Resp: 437170
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 49.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1805
 Delta R.T. -0.03 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

Tgt Ion: 164 Resp: 150820
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 43.8 36.2 54.2

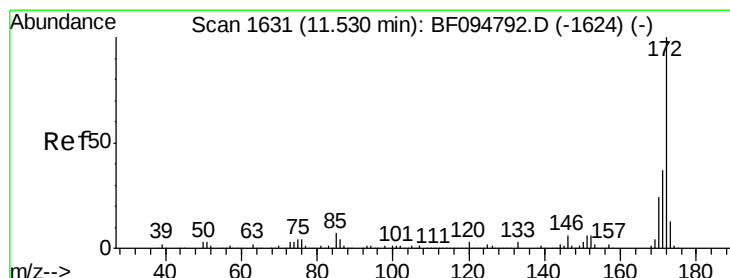
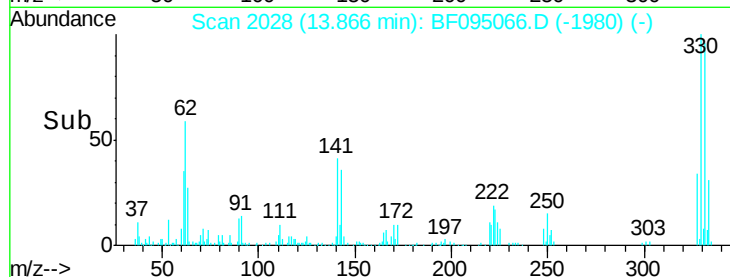
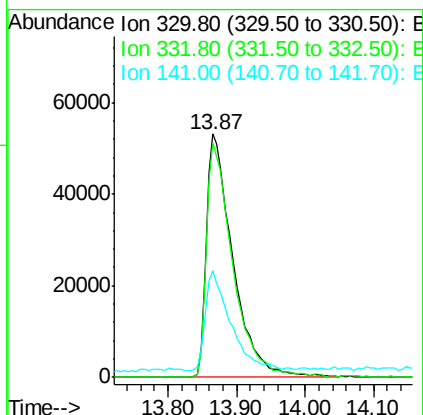
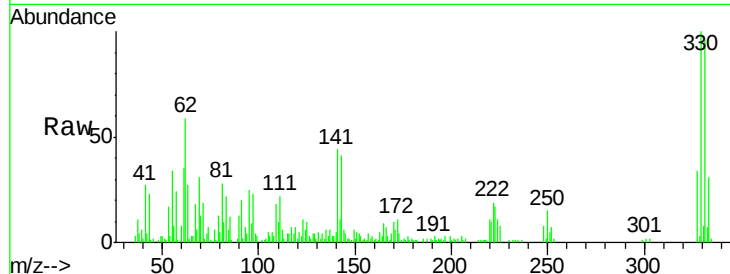




#41
 2,4,6-Tribromophenol
 Concen: 115.94 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

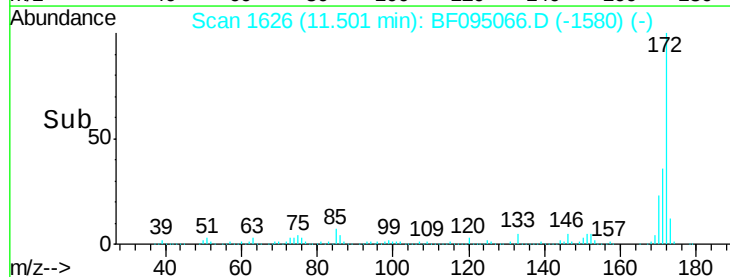
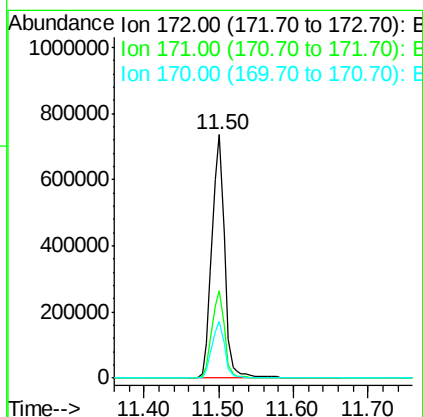
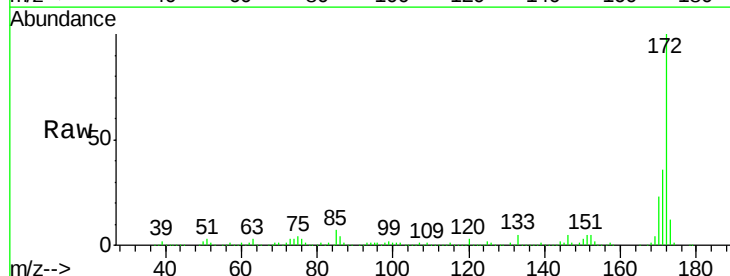
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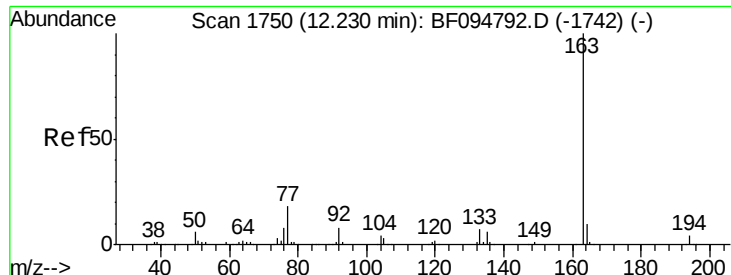
Tgt Ion:330 Resp: 143201
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 39.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 83.62 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. -0.03 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

Tgt Ion:172 Resp: 876238
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.3 19.8 29.8

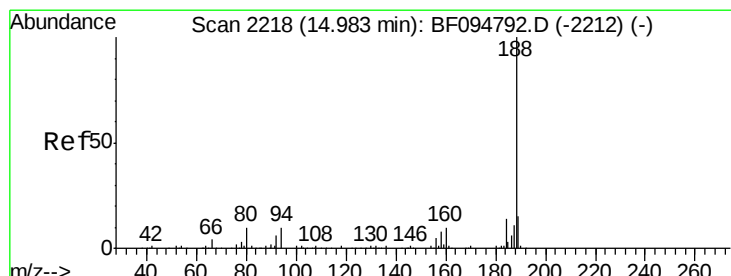
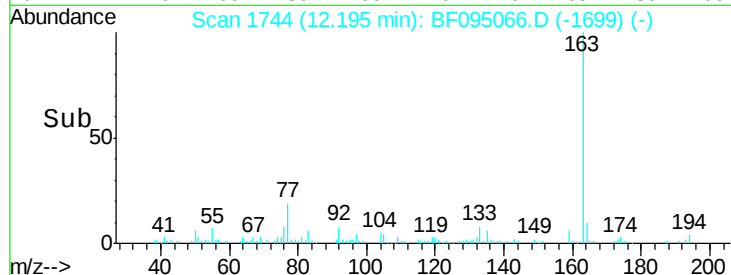
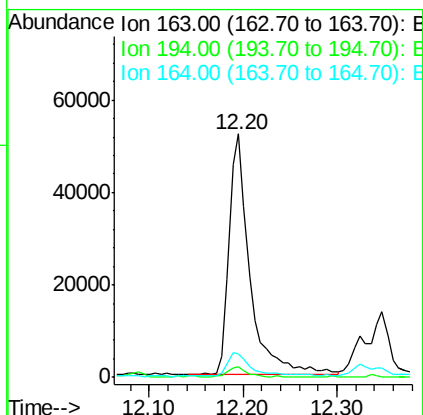
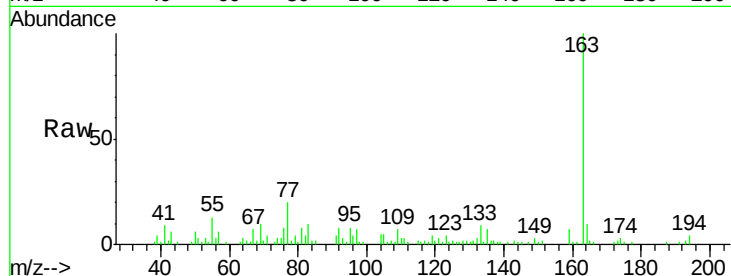




#49
Dimethylphthalate
Concen: 6.49 ng
RT: 12.20 min Scan# 1744
Delta R.T. -0.04 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

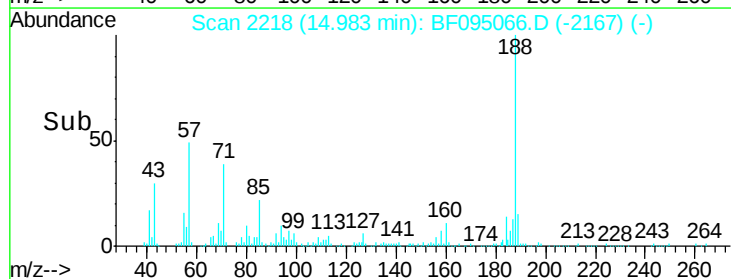
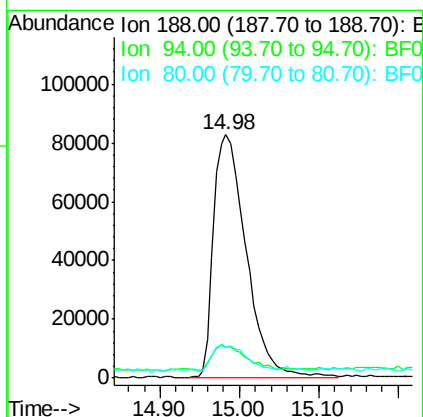
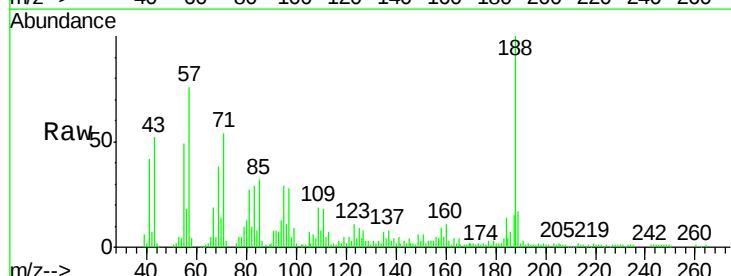
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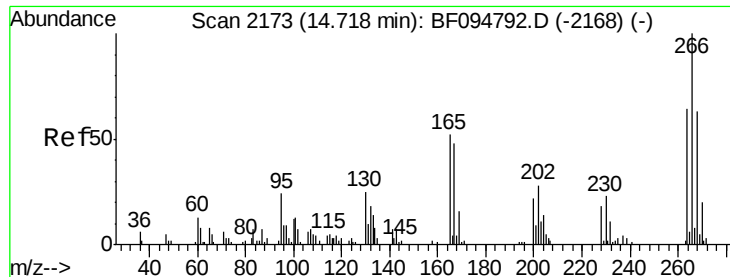
Tgt Ion:163 Resp: 80396
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 9.9 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.98 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

Tgt Ion:188 Resp: 237388
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.0 10.2 15.2

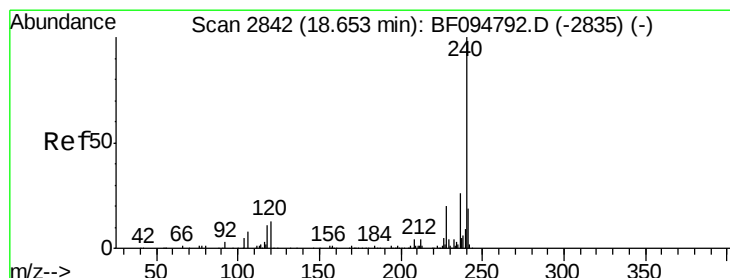
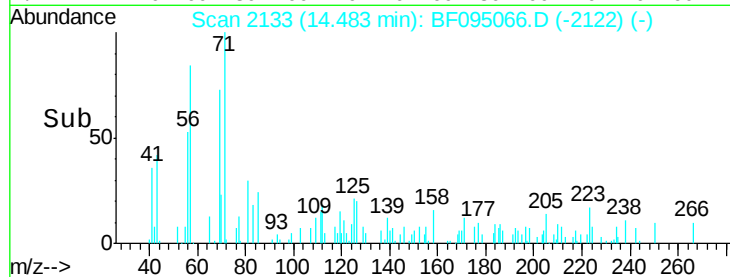
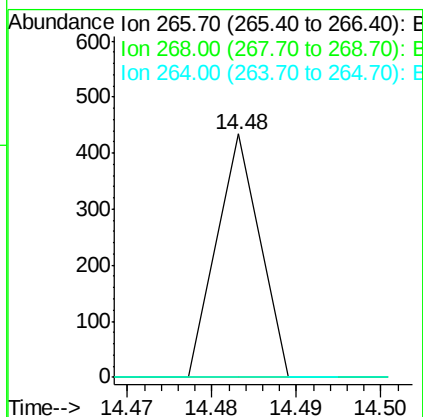
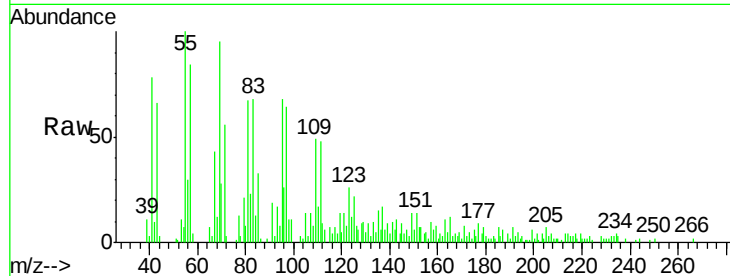




#69
 Pentachlorophenol
 Concen: 5.99 ng
 RT: 14.48 min Scan# 2133
 Delta R.T. -0.24 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

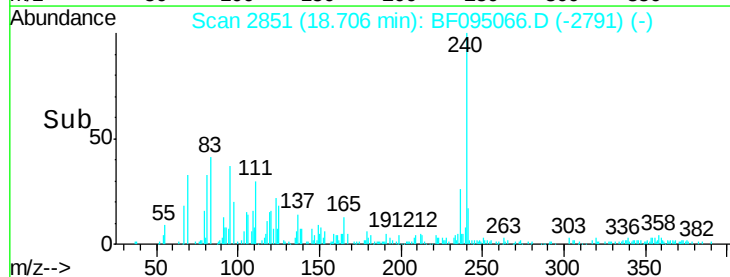
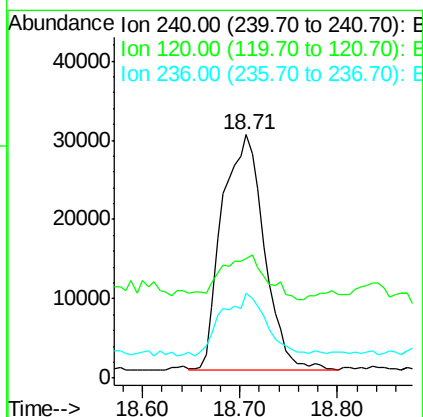
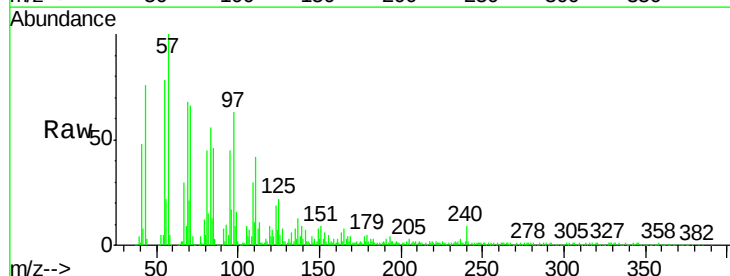
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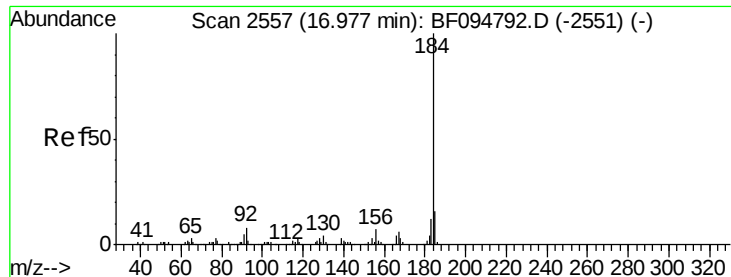
Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	51.7	77.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. 0.05 min
 Lab File: BF095066.D
 Acq: 10 May 2017 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	49.0	5.8	8.8#
236	35.1	20.5	30.7#





#76

Benzidine

Concen: 6.70 ng

RT: 17.04 min Scan# 2567

Delta R.T. 0.06 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

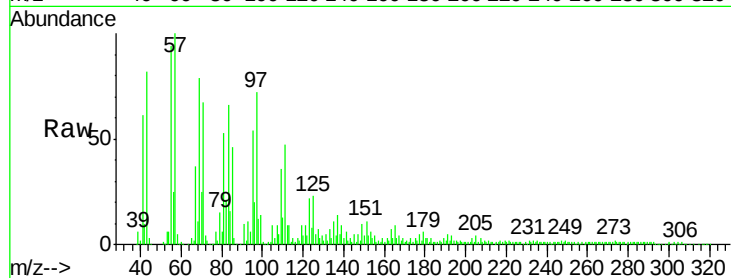
Tgt Ion:184 Resp: 307

Ion Ratio Lower Upper

184 100

185 200.1 15.5 23.3#

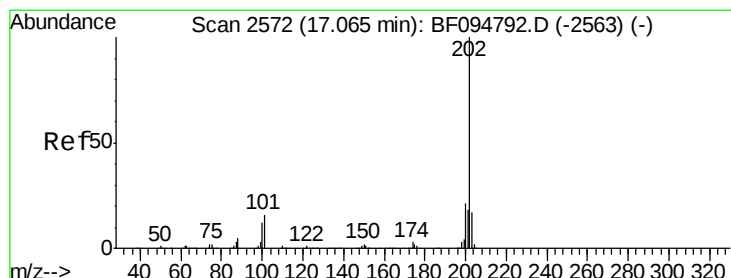
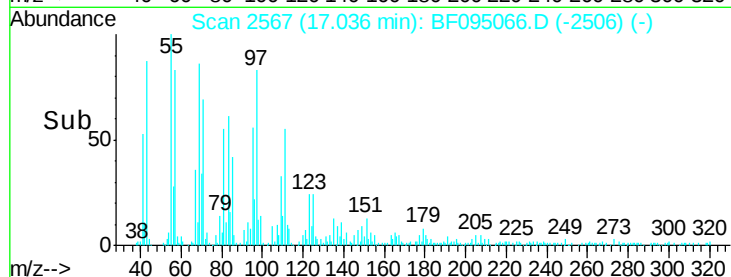
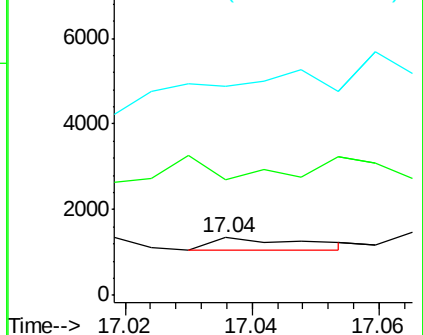
183 360.8 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.05 ng

RT: 17.09 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

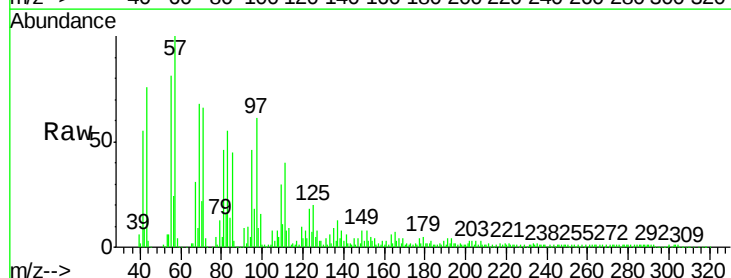
Tgt Ion:202 Resp: 13650

Ion Ratio Lower Upper

202 100

200 30.6 17.6 26.4#

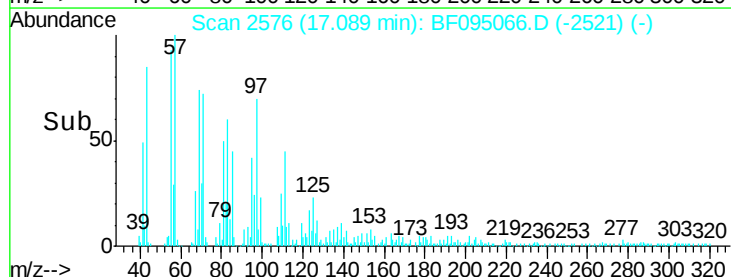
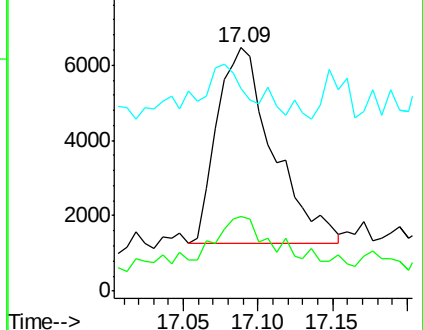
203 83.2 14.4 21.6#

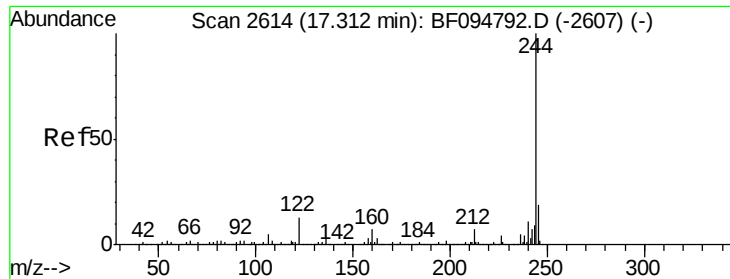


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 113.94 ng

RT: 17.32 min Scan# 2615

Delta R.T. 0.01 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

Instrument :

BNA_F

ClientSampleId :

DRUM-M4935

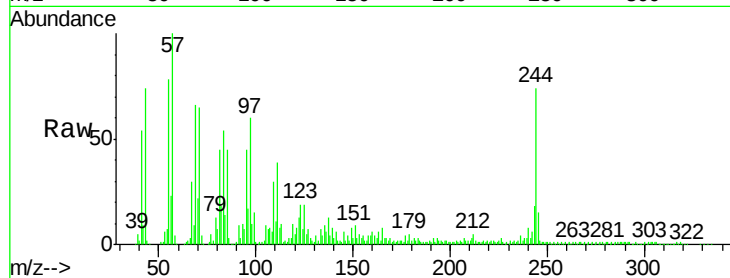
Tgt Ion:244 Resp: 461277

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 17.3 10.3 15.5#

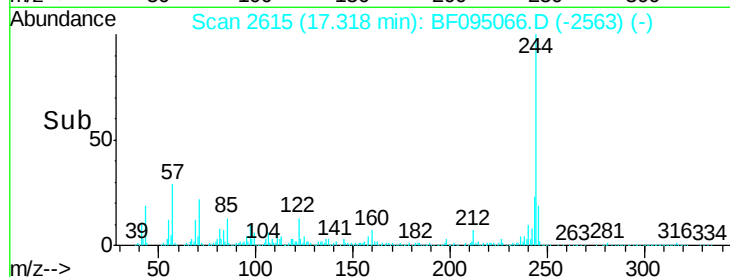


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



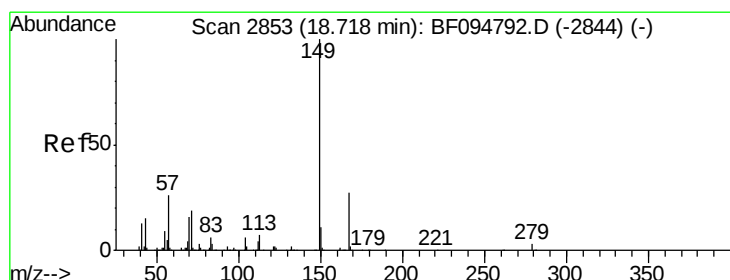
Abundance

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

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.74 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095066.D

Acq: 10 May 2017 20:38

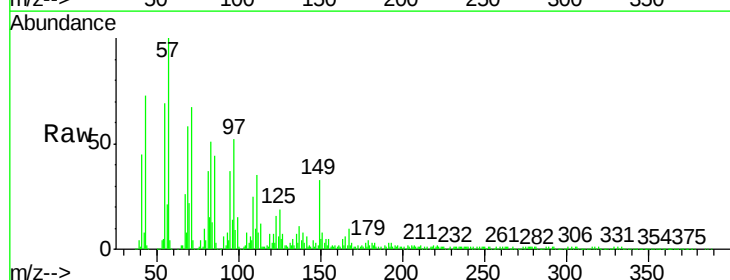
Tgt Ion:149 Resp: 241951

Ion Ratio Lower Upper

149 100

167 29.9 21.0 31.4

279 4.3 1.9 2.9#

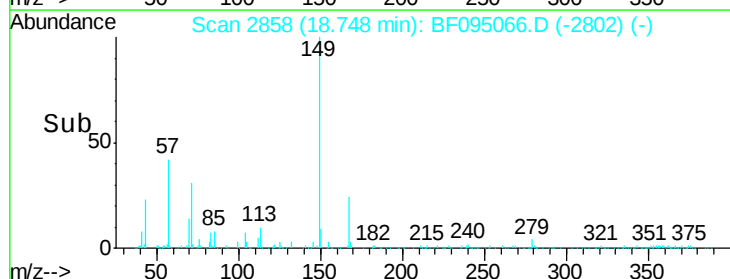


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



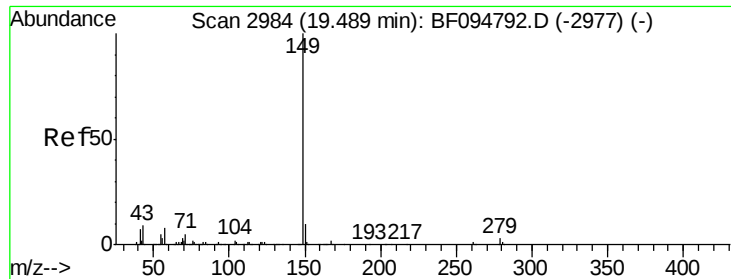
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

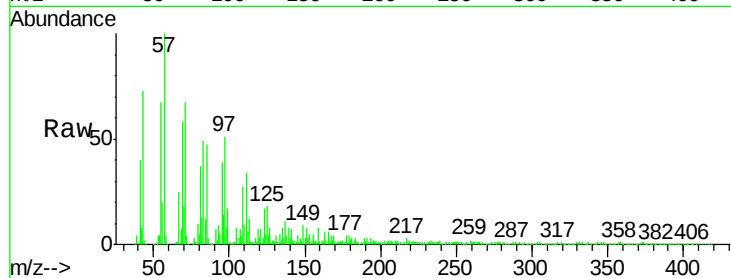
Time-->



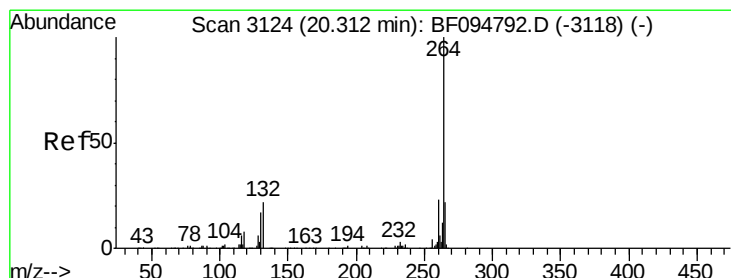
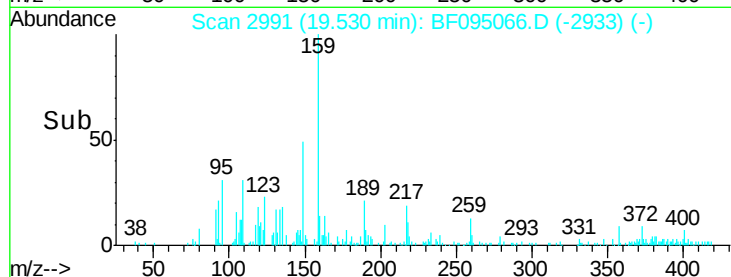
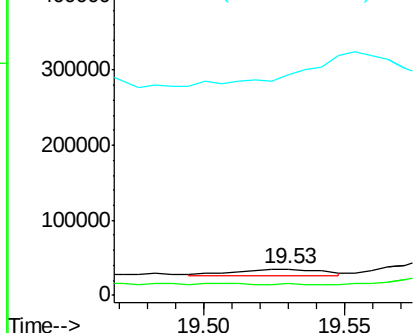
#84
Di-n-octyl phthalate
Concen: 2.55 ng
RT: 19.53 min Scan# 2991
Delta R.T. 0.04 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

Instrument :
BNA_F
ClientSampleId :
DRUM-M4935

Tgt Ion:149 Resp: 18503
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.5 12.7#

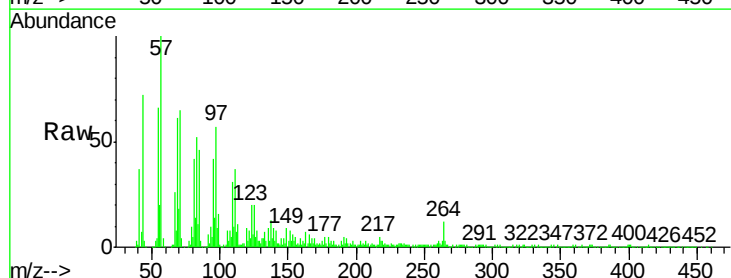


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.41 min Scan# 3140
Delta R.T. 0.09 min
Lab File: BF095066.D
Acq: 10 May 2017 20:38

Tgt Ion:264 Resp: 78548
Ion Ratio Lower Upper
264 100
260 27.0 19.5 29.3
265 26.3 17.2 25.8#



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

