

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093917.D
 Acq On : 2 Sep 2017 00:22
 Operator : SJ/JU
 Sample : I4963-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3837-DB

Quant Time: Sep 02 01:22:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

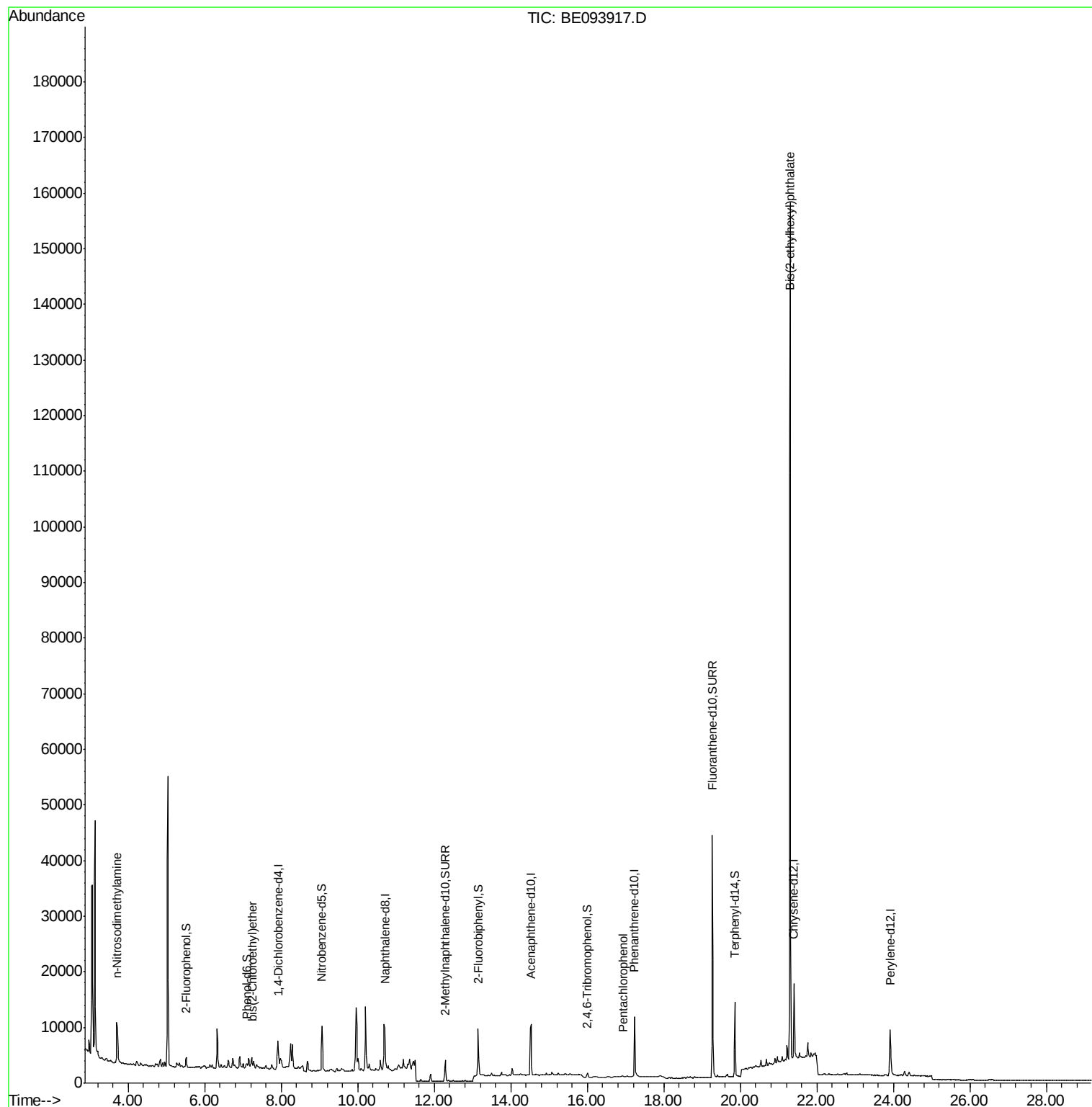
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2231	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11617	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6820	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18267	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16716	0.40	ng	-0.01
34) Perylene-d12	23.92	264	14259	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1031	0.15	ng	0.00
5) Phenol-d6	7.10	99	908	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	3400	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5880	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	702	0.38	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	8184	0.30	ng	-0.01
25) Fluoranthene-d10	19.27	212	62351	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	12236	0.40	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	1099	0.322	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	493	0.061	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	10	Below Cal	#	16
21) Hexachlorobenzene	16.55	284	12	Below Cal	#	100
22) Pentachlorophenol	16.94	266	96	0.034	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	185719	1.775	ng	100

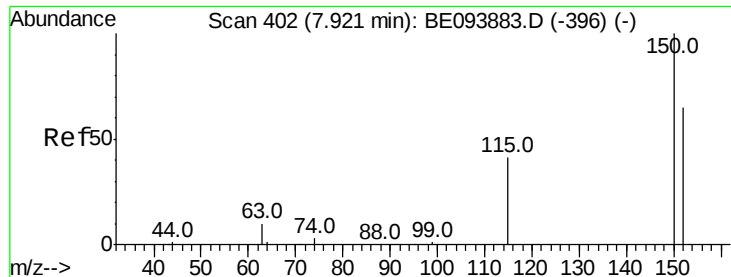
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

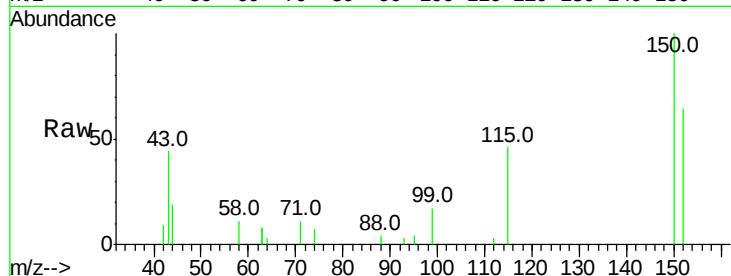
Tot Ion:152 Resp: 2231

Ion Ratio Lower Upper

152 100

150 155.4 121.8 182.6

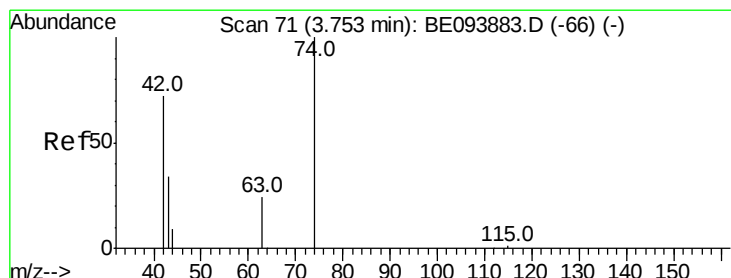
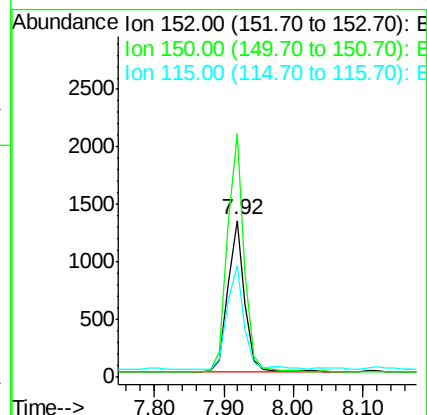
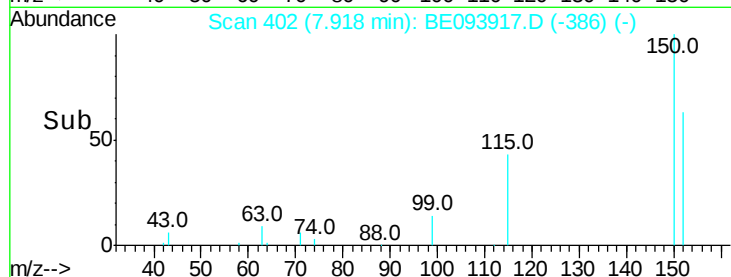
115 71.0 52.6 79.0



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



#3

n-Nitrosodimethylamine

Concen: 0.322 ng

RT: 3.70 min Scan# 67

Delta R.T. -0.05 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

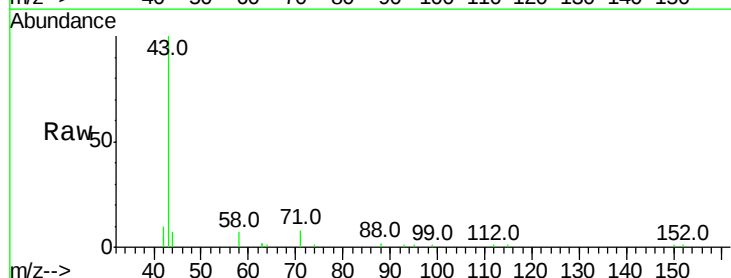
Tgt Ion: 42 Resp: 1099

Ion Ratio Lower Upper

42 100

74 0.5 104.0 156.0#

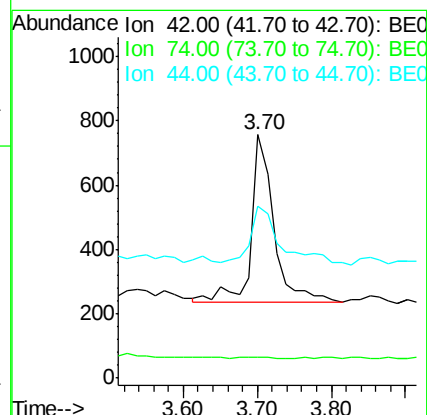
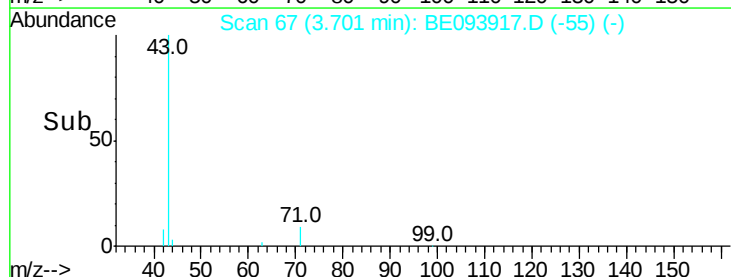
44 48.3 13.8 20.8#

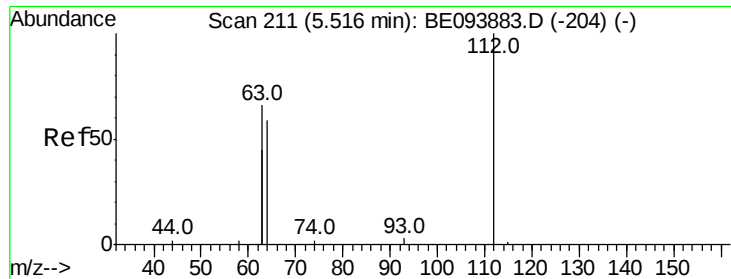


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

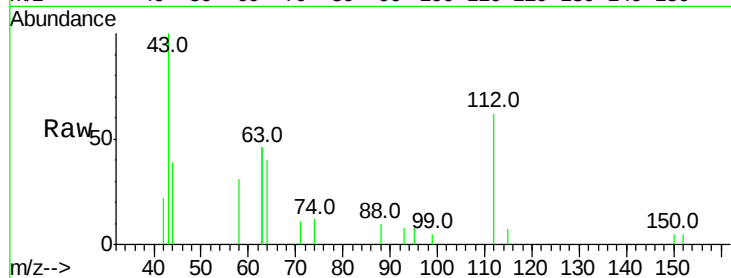
Tot Ion:112 Resp: 1031

Ion Ratio Lower Upper

112 100

64 72.9 57.7 86.5

63 157.9 116.0 174.0

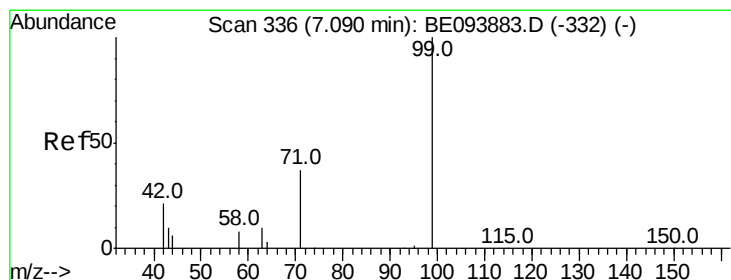
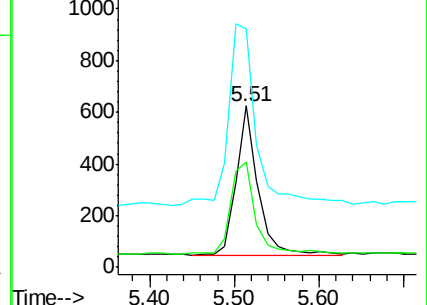
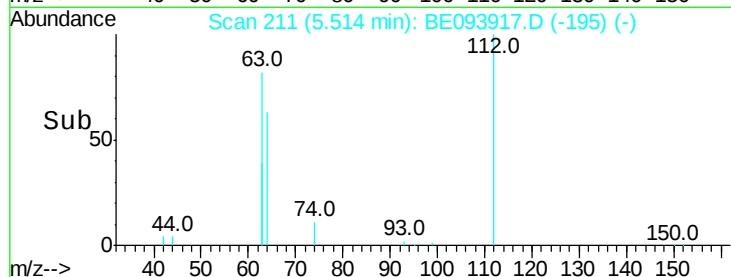


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



#5

Phenol-d6

Concen: 0.087 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

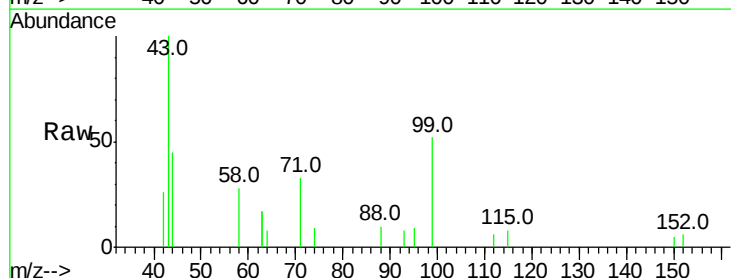
Tgt Ion: 99 Resp: 908

Ion Ratio Lower Upper

99 100

42 0.0 17.1 25.7#

71 52.2 26.6 39.8#

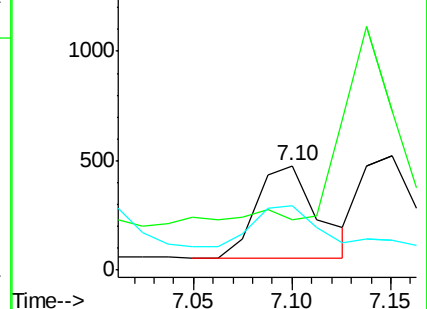
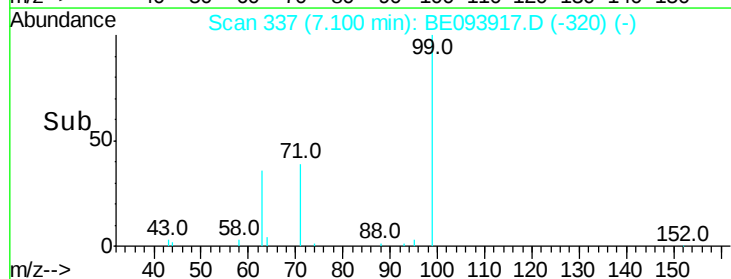


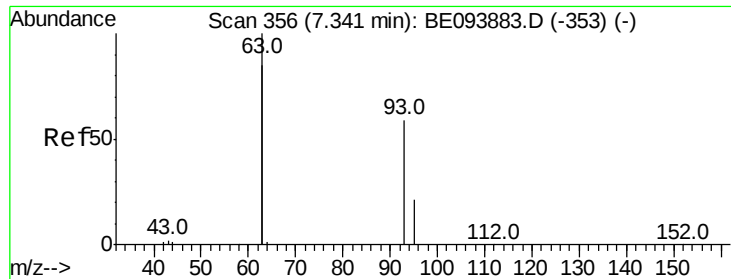
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.061 ng

RT: 7.25 min Scan# 349

Delta R.T. -0.09 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

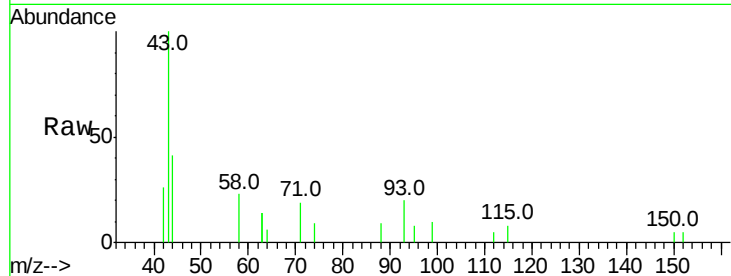
Tot Ion: 93 Resp: 493

Ion Ratio Lower Upper

93 100

63 18.5 283.4 425.2#

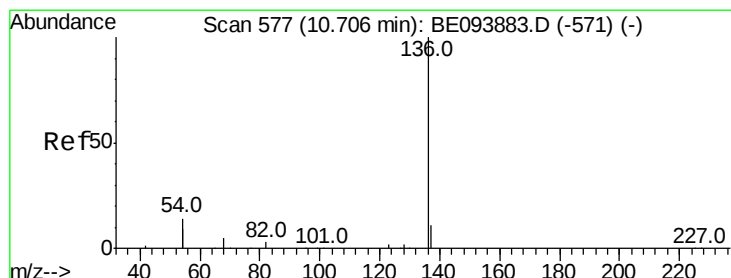
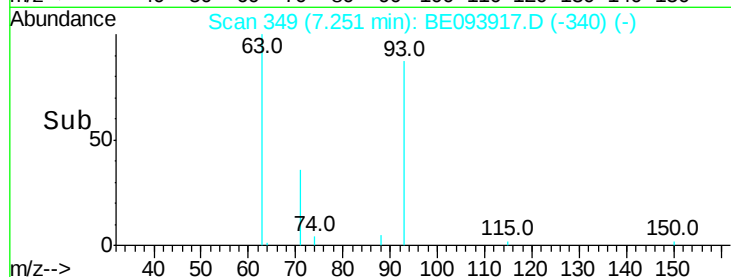
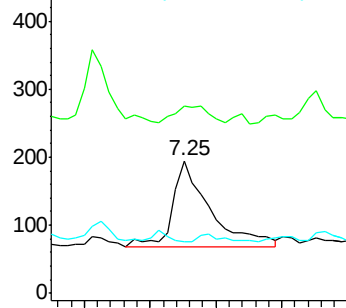
95 0.0 26.9 40.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Tgt Ion: 136 Resp: 11617

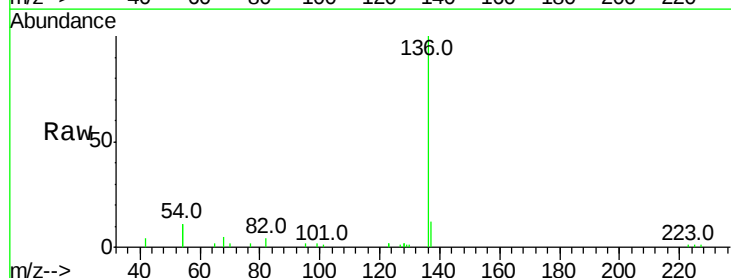
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 21.6 21.9 32.9#

68 5.3 4.6 7.0

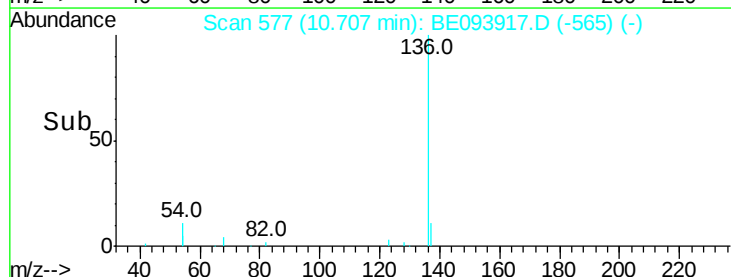
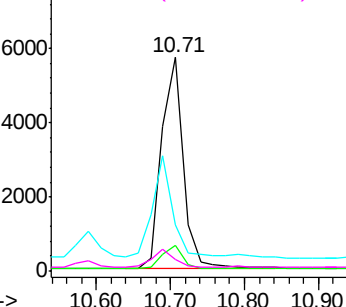


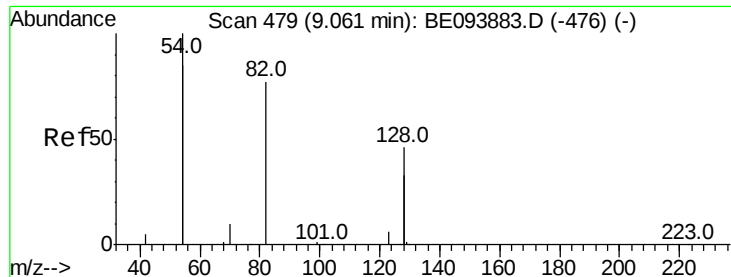
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.352 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

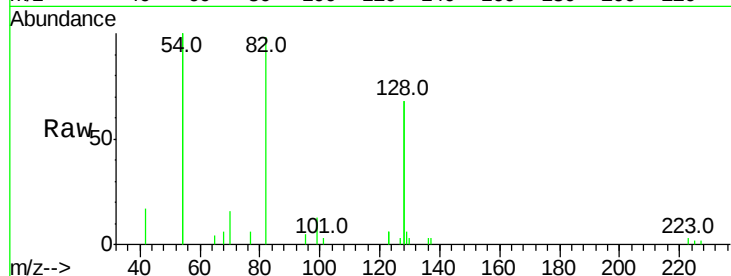
Tot Ion: 82 Resp: 3400

Ion Ratio Lower Upper

82 100

128 139.2 91.4 137.0#

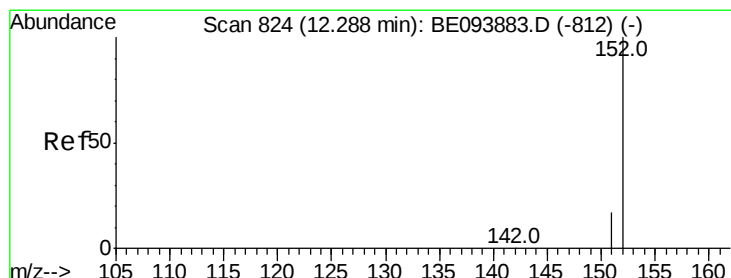
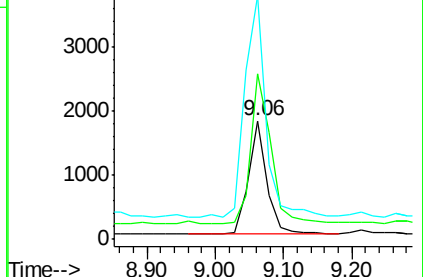
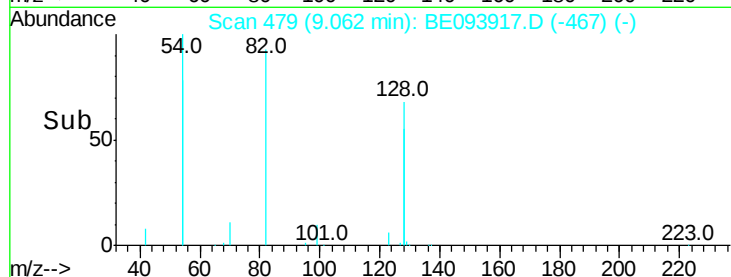
54 205.1 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE093917.D (-467) (-)

Ion 128.00 (127.70 to 128.70): BE093917.D (-467) (-)

Ion 54.00 (53.70 to 54.70): BE093917.D (-467) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.00 min

Lab File: BE093917.D

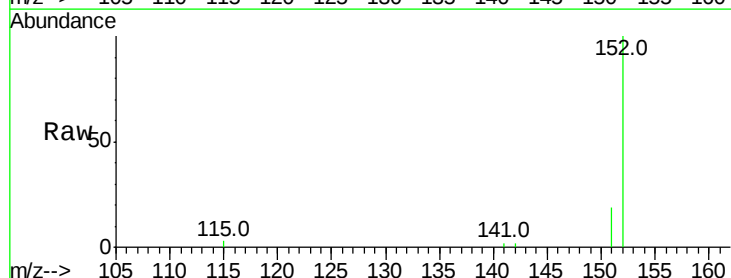
Acq: 2 Sep 2017 00:22

Tgt Ion: 152 Resp: 5880

Ion Ratio Lower Upper

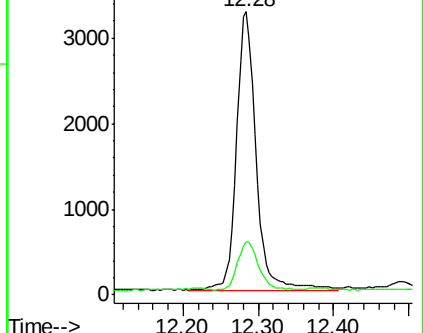
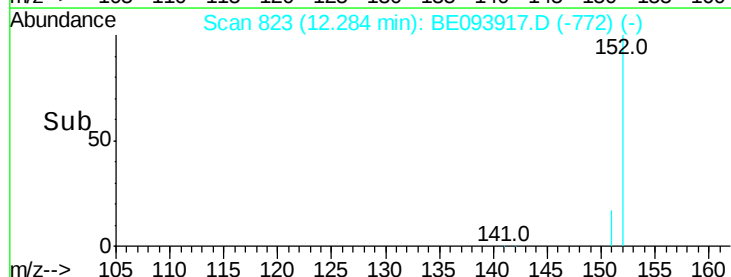
152 100

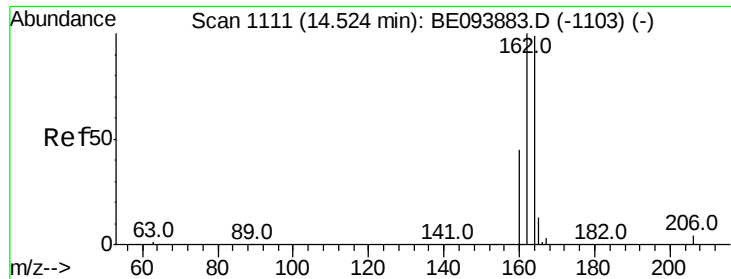
151 18.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093917.D (-772) (-)

Ion 151.00 (150.70 to 151.70): BE093917.D (-772) (-)

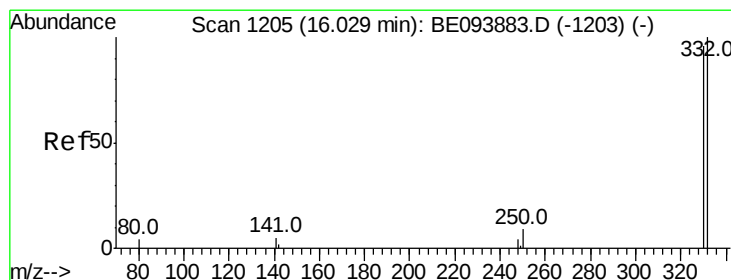
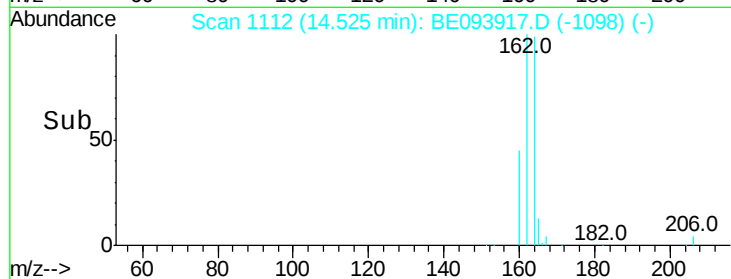
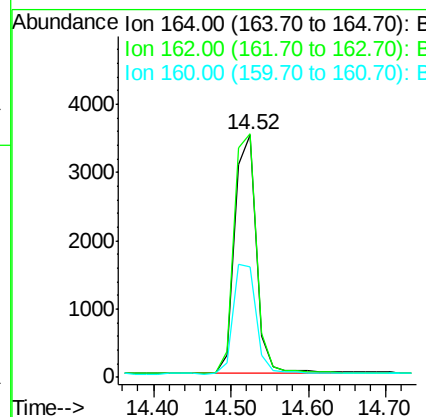
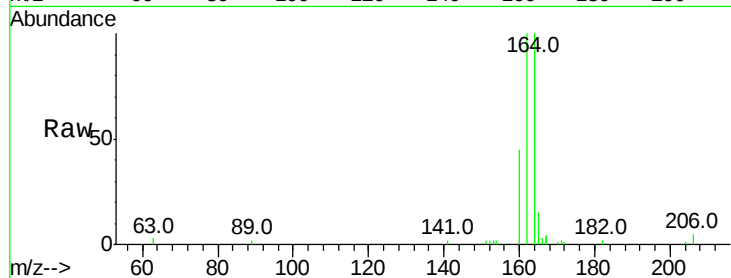




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093917.D
 Acq: 2 Sep 2017 00:22

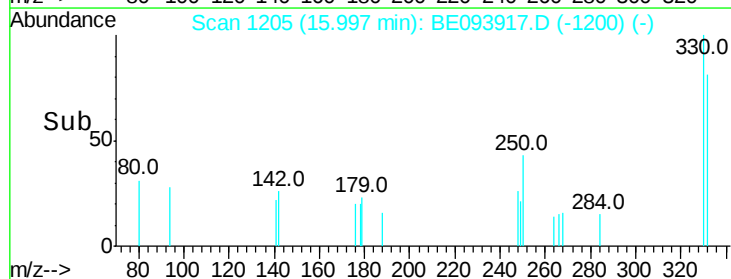
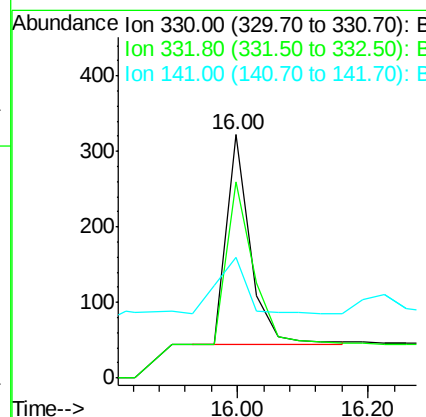
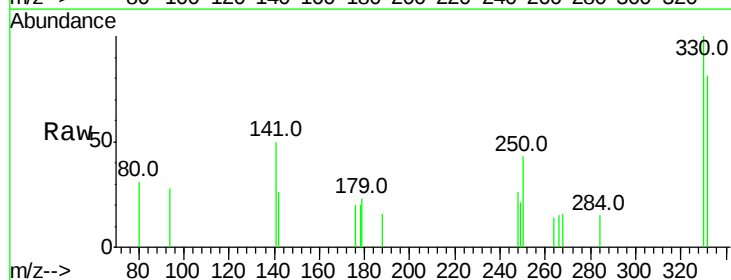
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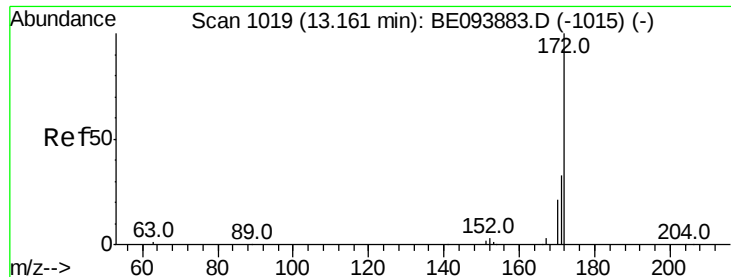
Tot Ion:164 Resp: 6820
 Ion Ratio Lower Upper
 164 100
 162 100.2 80.8 121.2
 160 45.5 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093917.D
 Acq: 2 Sep 2017 00:22

Tgt Ion:330 Resp: 702
 Ion Ratio Lower Upper
 330 100
 332 88.9 76.9 115.3
 141 33.2 0.0 0.0#

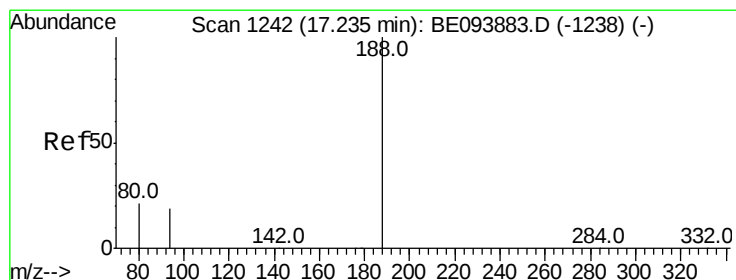
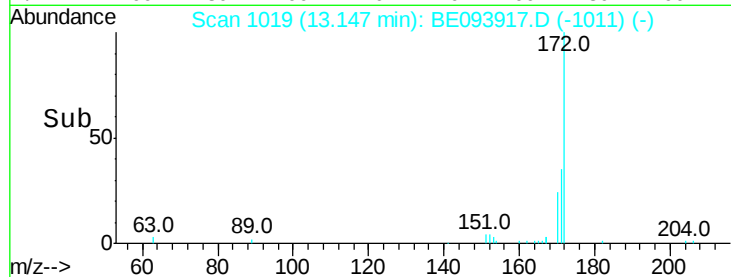
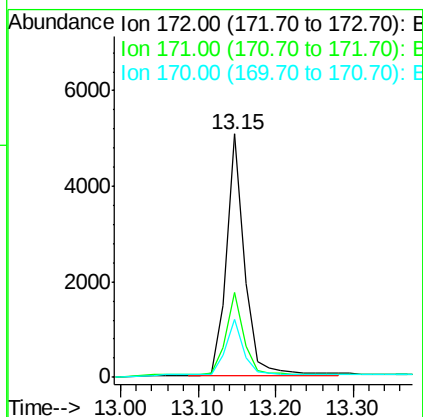
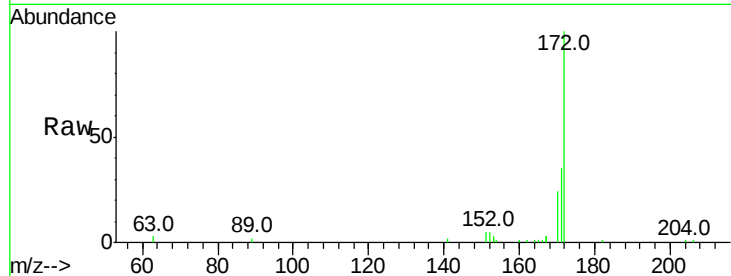




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093917.D
Acq: 2 Sep 2017 00:22

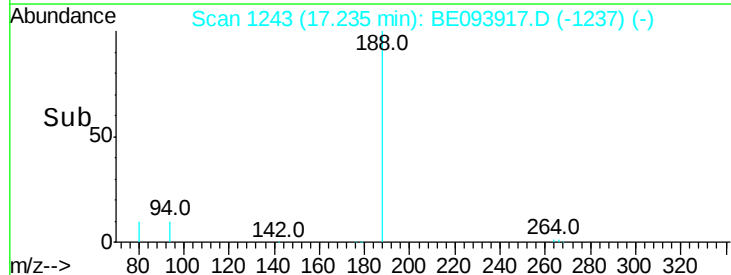
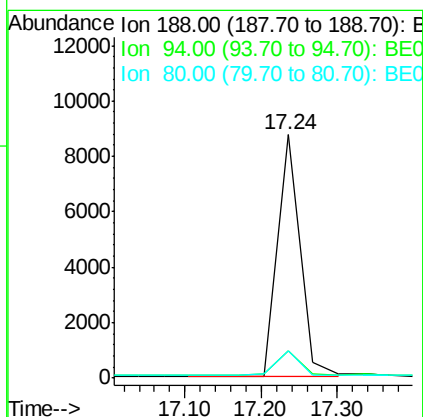
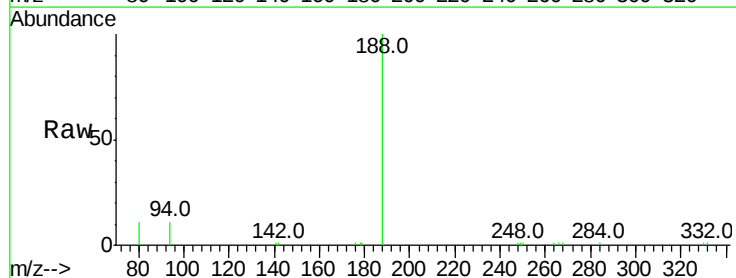
Instrument :
BNA_E
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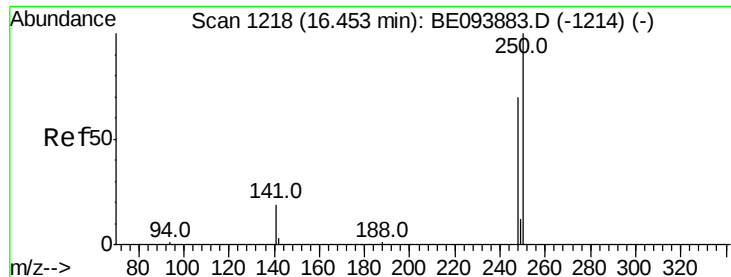
Tot Ion:172 Resp: 8184
Ion Ratio Lower Upper
172 100
171 34.6 26.9 40.3
170 23.7 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093917.D
Acq: 2 Sep 2017 00:22

Tgt Ion:188 Resp: 18267
Ion Ratio Lower Upper
188 100
94 11.4 16.1 24.1#
80 11.2 18.2 27.2#





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

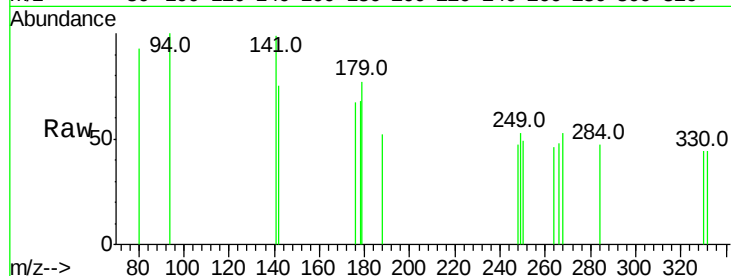
Tot Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 104.2 111.8 167.8#

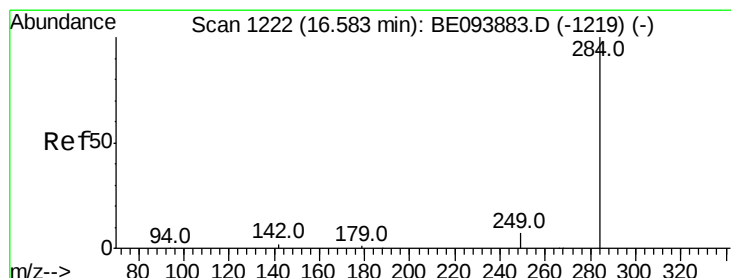
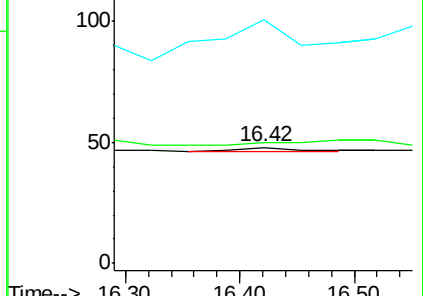
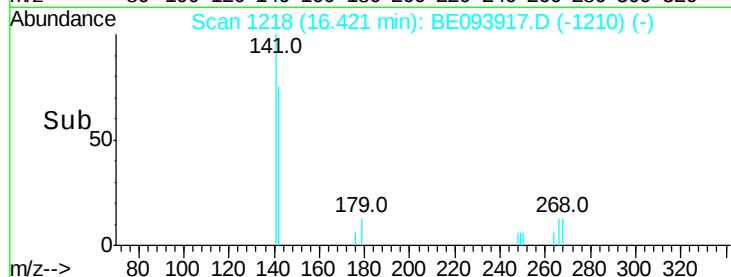
141 210.4 27.1 40.7#



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.55 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

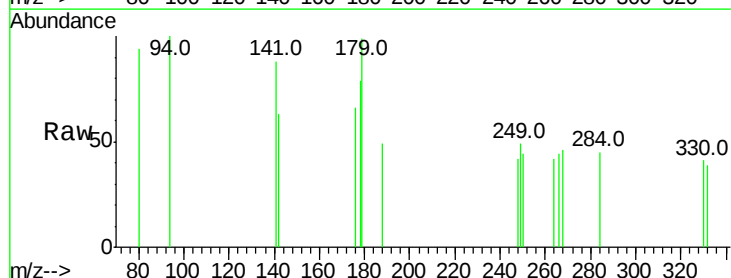
Tgt Ion:284 Resp: 12

Ion Ratio Lower Upper

284 100

142 150.0 0.0 0.0#

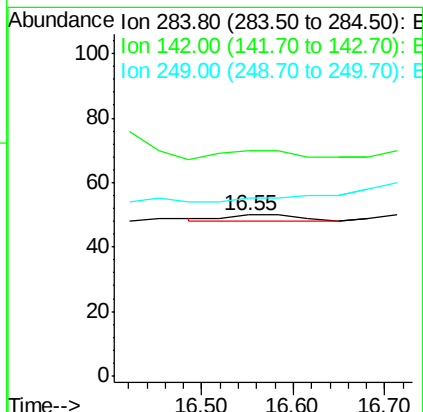
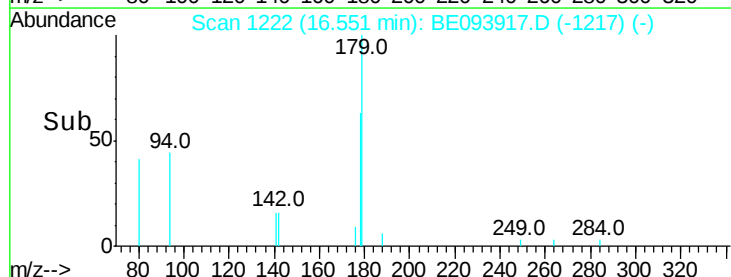
249 0.0 0.0 0.0#

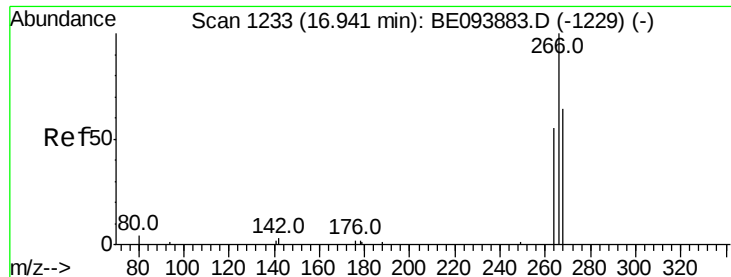


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

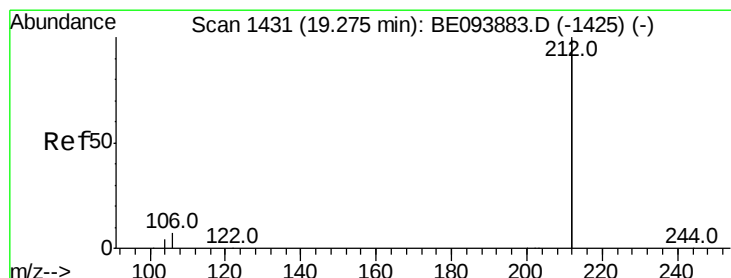
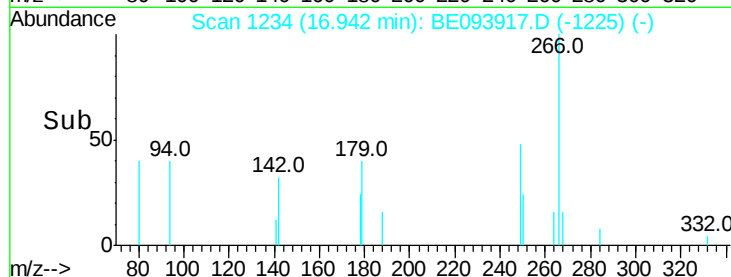
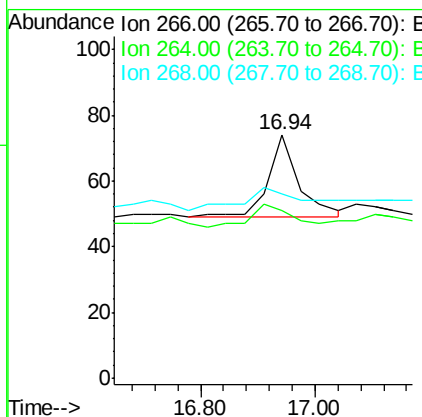
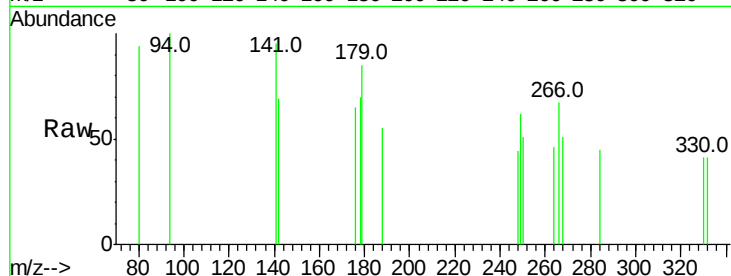




#22
 Pentachlorophenol
 Concen: 0.034 ng
 RT: 16.94 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BE093917.D
 Acq: 2 Sep 2017 00:22

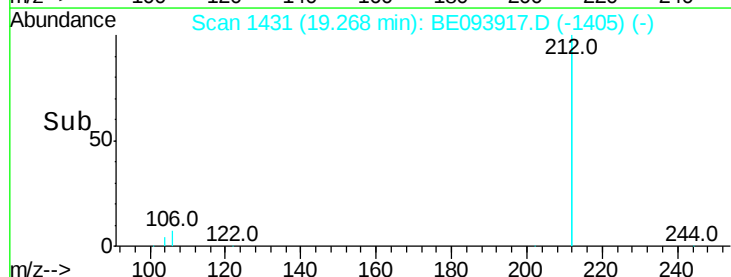
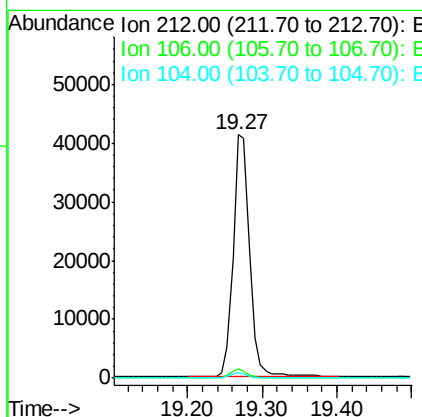
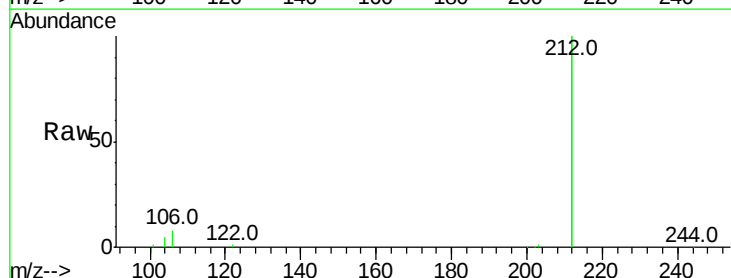
Instrument :
 BNA_E
 ClientSampled :
 3837-DB

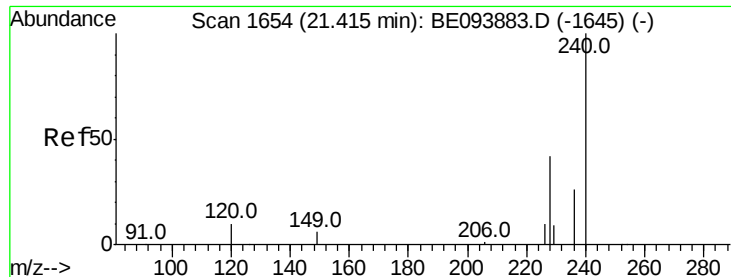
Tot Ion:266 Resp: 96
 Ion Ratio Lower Upper
 266 100
 264 68.9 53.5 80.3
 268 75.7 60.0 90.0



#25
 Fluoranthene-d10
 Concen: 0.296 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE093917.D
 Acq: 2 Sep 2017 00:22

Tgt Ion:212 Resp: 62351
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

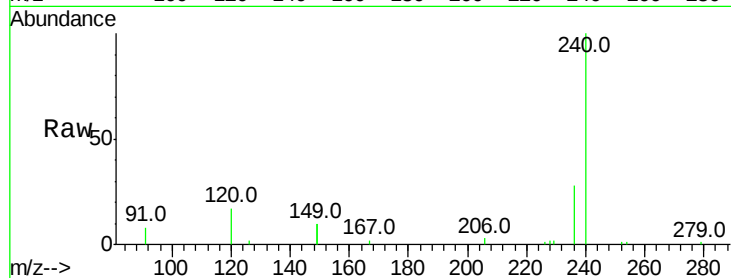
Tot Ion:240 Resp: 16716

Ion Ratio Lower Upper

240 100

120 16.6 8.7 13.1#

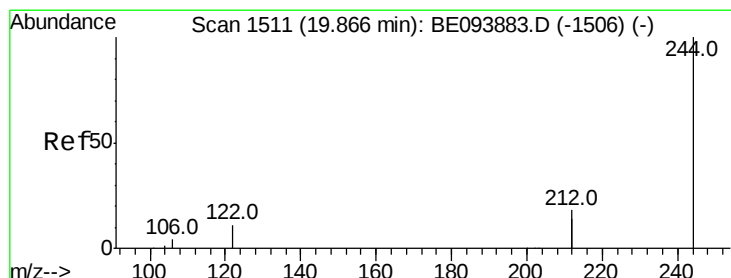
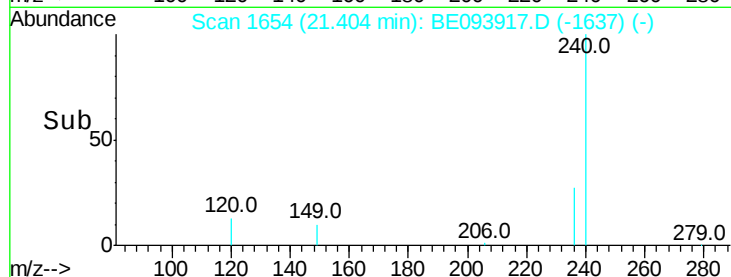
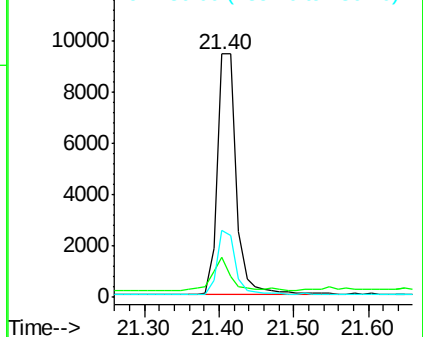
236 27.7 21.3 31.9



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



#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

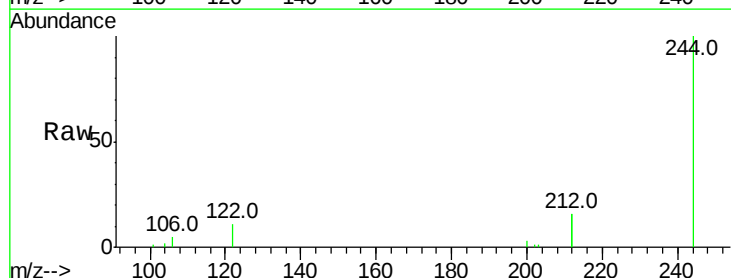
Tgt Ion:244 Resp: 12236

Ion Ratio Lower Upper

244 100

212 32.7 28.3 42.5

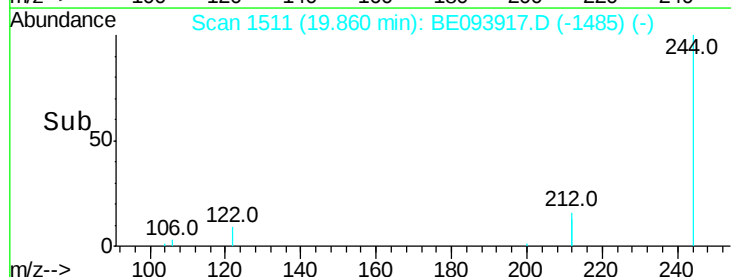
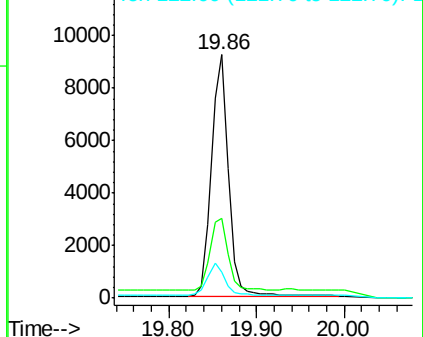
122 10.6 9.4 14.0

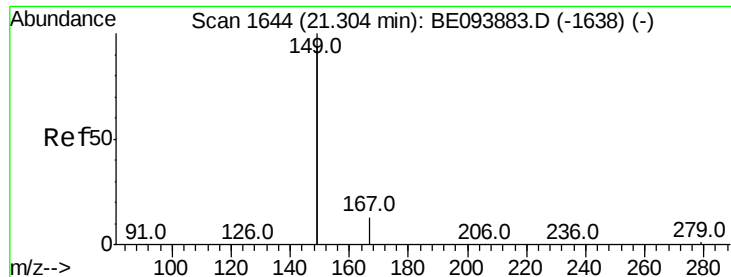


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.775 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

Instrument :

BNA_E

ClientSampleId :

3837-DB

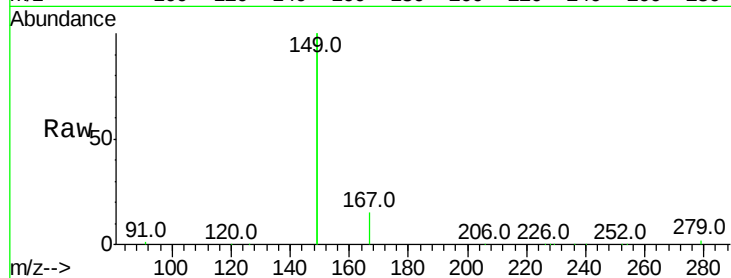
Tot Ion:149 Resp: 185719

Ion Ratio Lower Upper

149 100

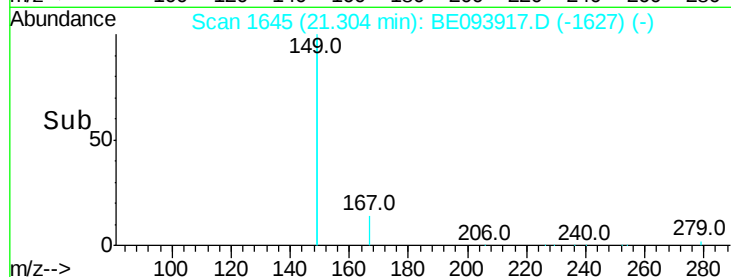
167 6.6 5.4 8.0

279 0.8 0.7 1.1

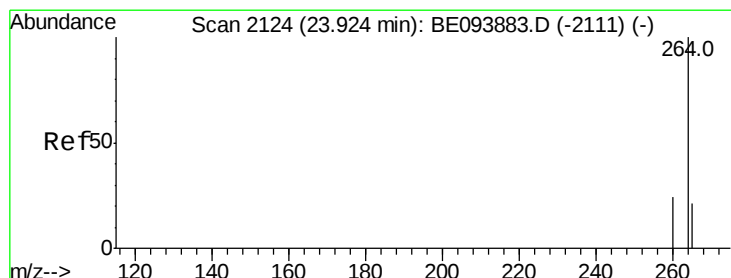


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

21.30



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093917.D

Acq: 2 Sep 2017 00:22

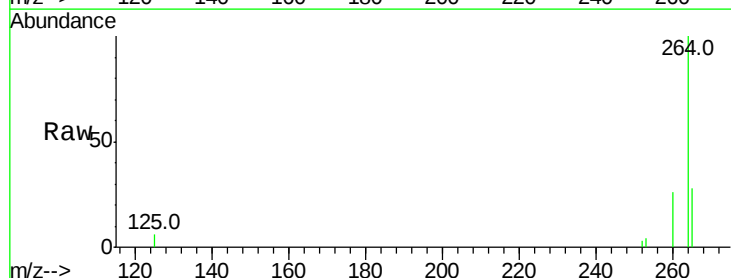
Tgt Ion:264 Resp: 14259

Ion Ratio Lower Upper

264 100

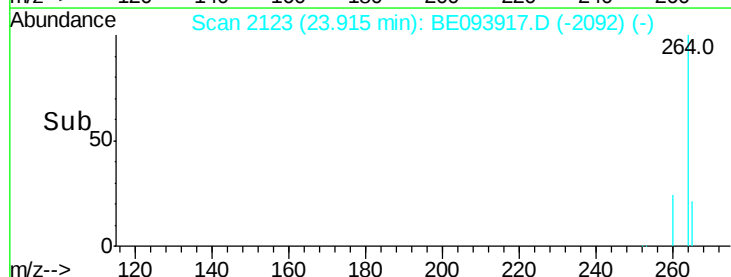
260 25.6 20.0 30.0

265 28.5 24.0 36.0



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

23.92



Time-->