

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093905.D
 Acq On : 1 Sep 2017 16:57
 Operator : SJ/JU
 Sample : I4963-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3820-PP1

Quant Time: Sep 02 01:19:47 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

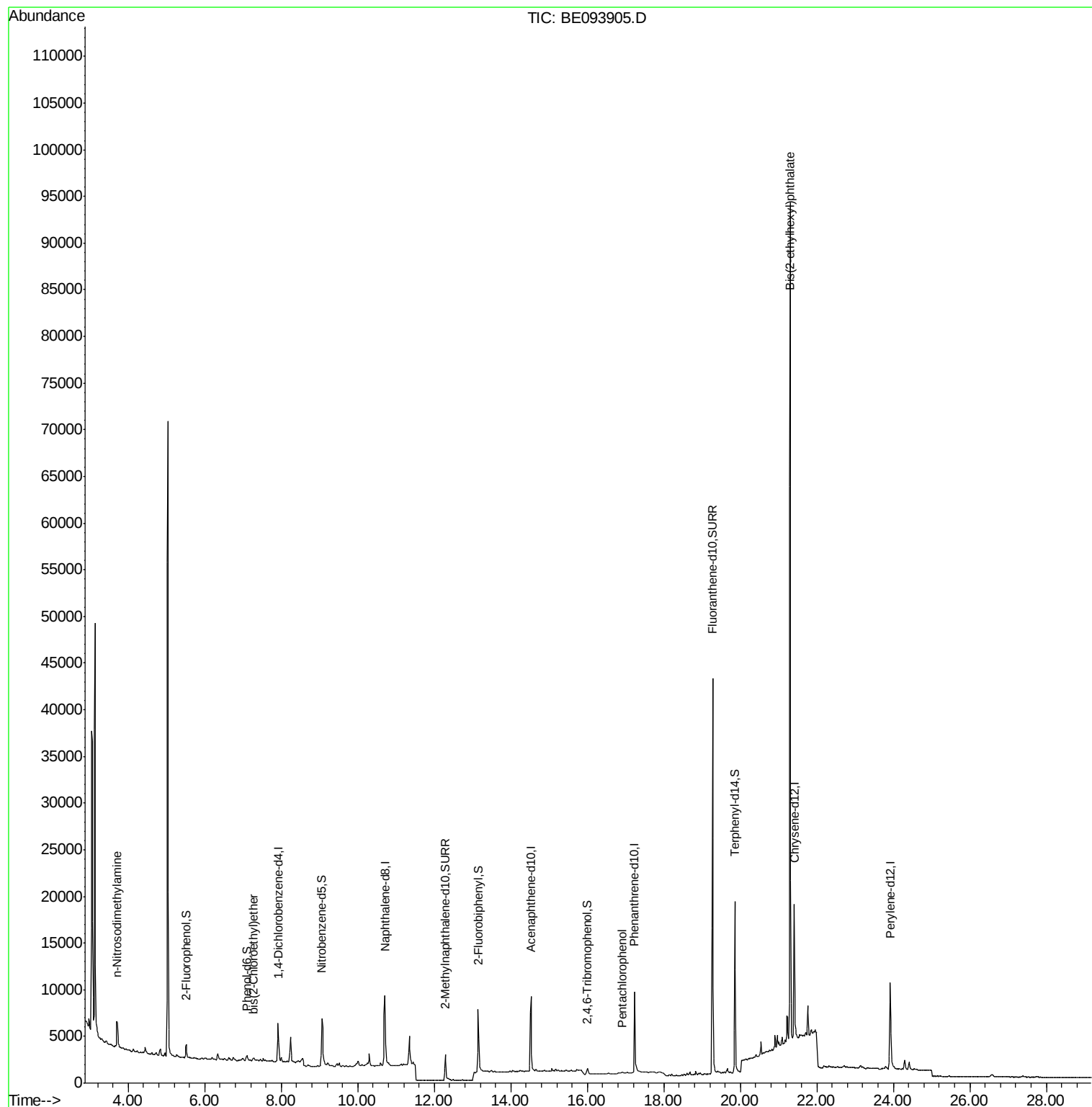
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2070	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	10330	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5929	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15559	0.40	ng	0.00
27) Chrysene-d12	21.42	240	19129	0.40	ng	0.00
34) Perylene-d12	23.92	264	15918	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	959	0.15	ng	0.00
5) Phenol-d6	7.10	99	872	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	2850	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4837	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	720	0.45	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	7915	0.34	ng	-0.01
25) Fluoranthene-d10	19.27	212	59033	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	16636	0.48	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	536	0.169	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	891	0.119	ng	# 1
20) 4-Bromophenyl-phenylether	16.49	248	2	Below Cal	#	31
21) Hexachlorobenzene	16.55	284	6	Below Cal	#	100
22) Pentachlorophenol	16.91	266	61	0.025	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.30	149	109443	0.914	ng	99

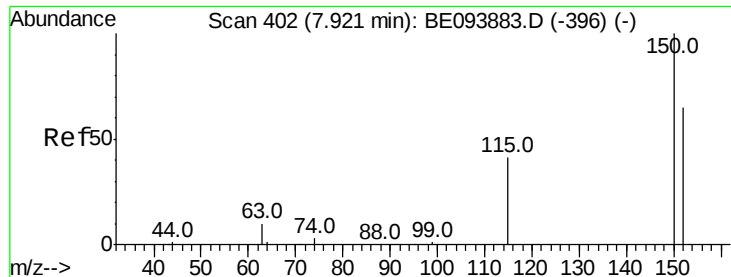
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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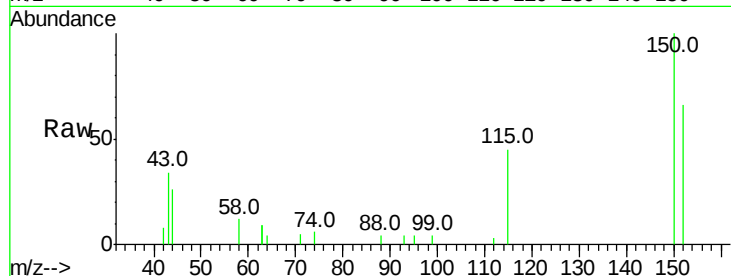


#1

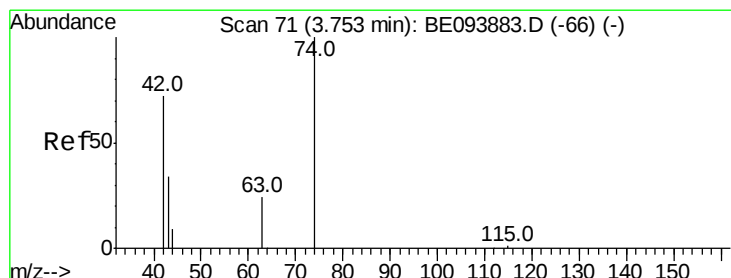
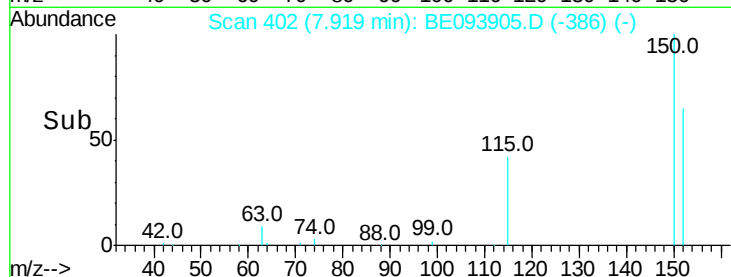
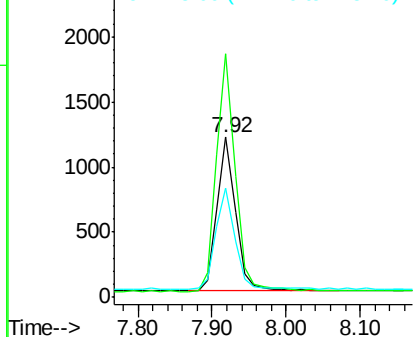
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

Instrument :
BNA_E
ClientSampleId :
3820-PP1

Tot Ion:152 Resp: 2070
Ion Ratio Lower Upper
152 100
150 151.8 121.8 182.6
115 68.0 52.6 79.0



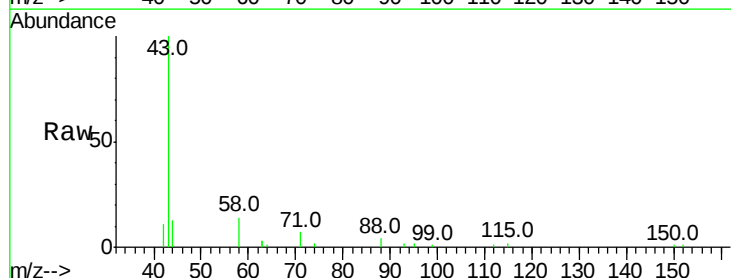
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



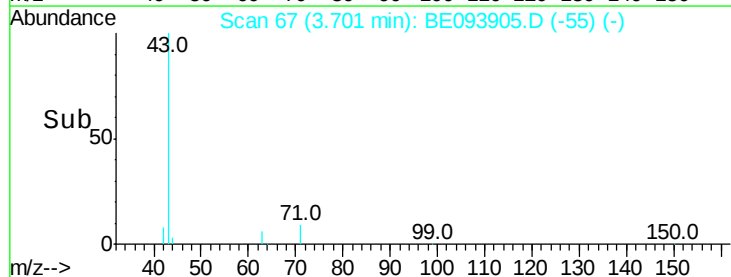
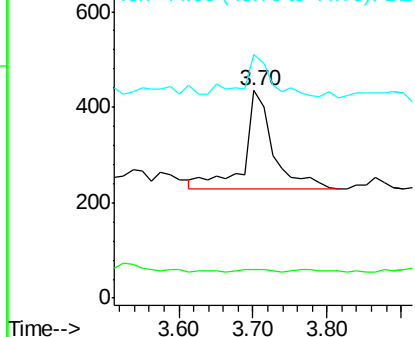
#3

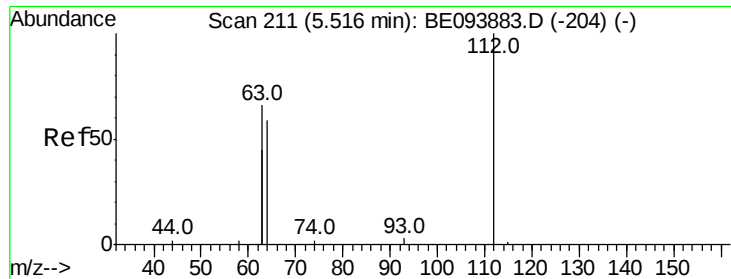
n-Nitrosodimethylamine
Concen: 0.169 ng
RT: 3.70 min Scan# 67
Delta R.T. -0.05 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

Tgt Ion: 42 Resp: 536
Ion Ratio Lower Upper
42 100
74 2.1 104.0 156.0#
44 40.5 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: 0.151 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampled :

3820-PP1

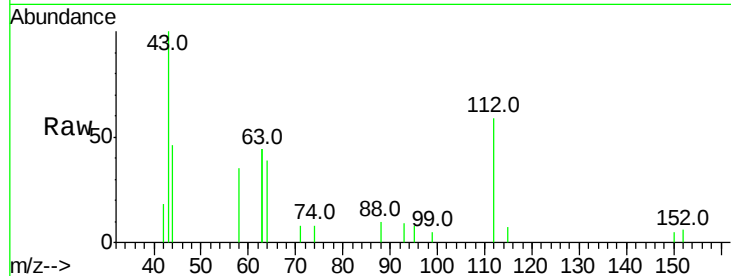
Tot Ion: 112 Resp: 959

Ion Ratio Lower Upper

112 100

64 74.2 57.7 86.5

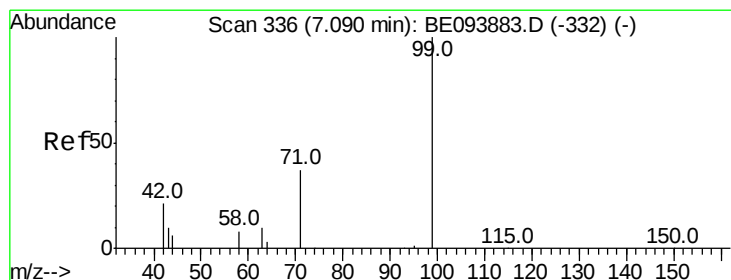
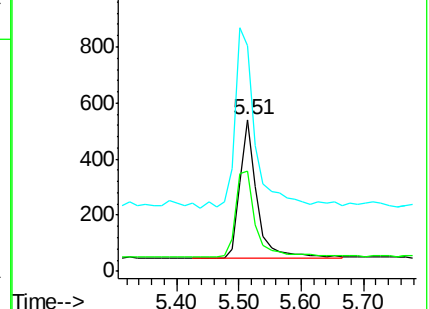
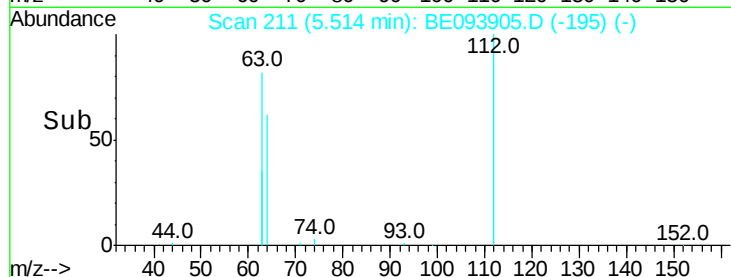
63 151.5 116.0 174.0



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.090 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

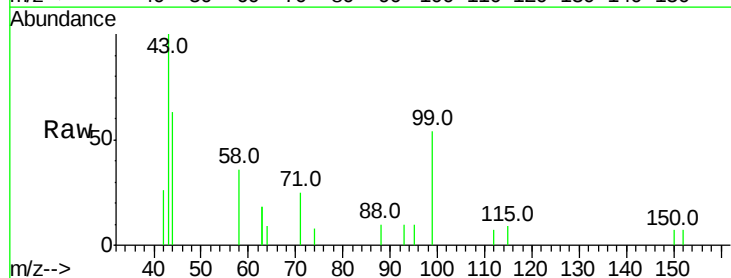
Tgt Ion: 99 Resp: 872

Ion Ratio Lower Upper

99 100

42 19.5 17.1 25.7

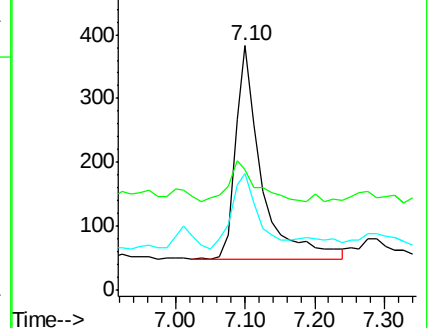
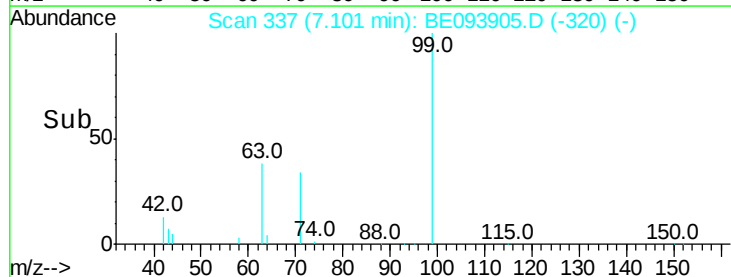
71 37.4 26.6 39.8

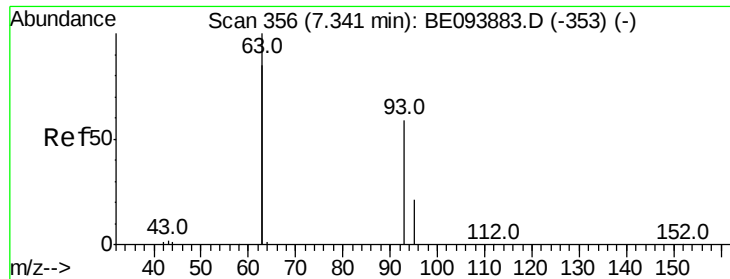


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.119 ng

RT: 7.26 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampleId :

3820-PP1

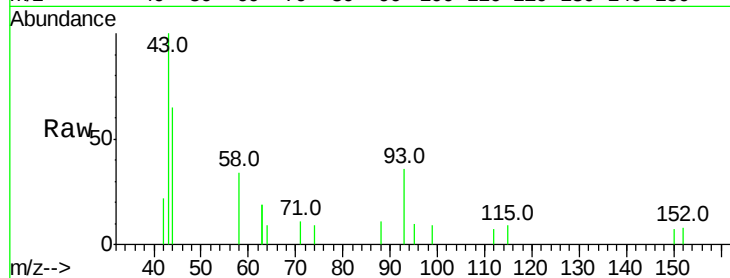
Tot Ion: 93 Resp: 891

Ion Ratio Lower Upper

93 100

63 14.6 283.4 425.2#

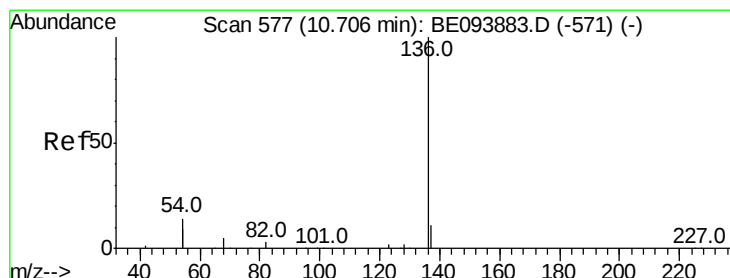
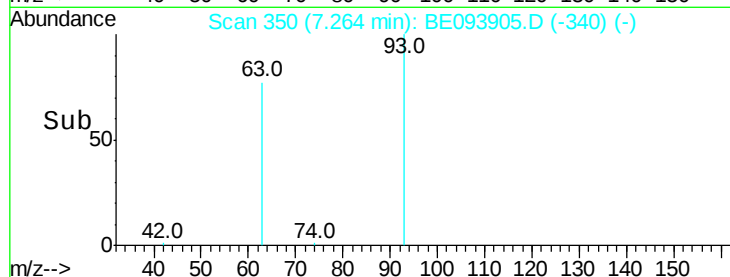
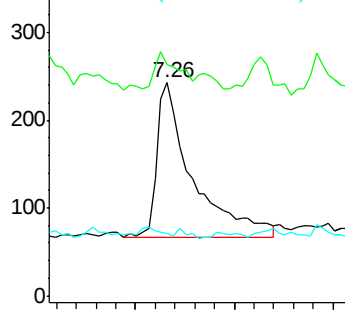
95 0.0 26.9 40.3#



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: BE093905.D

Acq: 1 Sep 2017 16:57

Tgt Ion:136 Resp: 10330

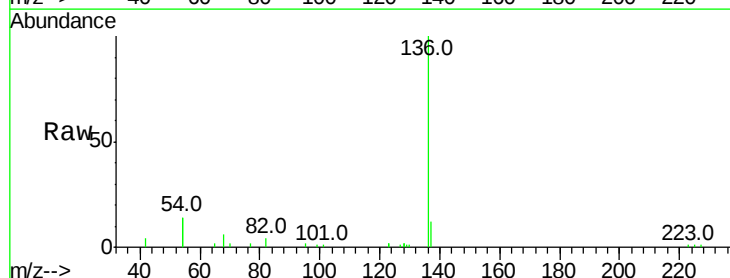
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 27.9 21.9 32.9

68 6.2 4.6 7.0

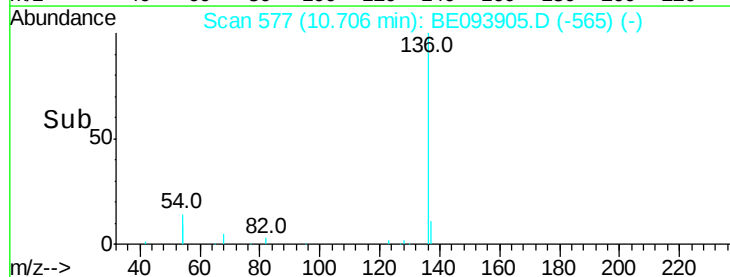
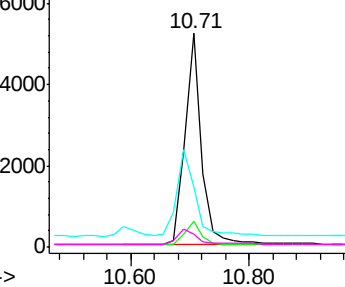


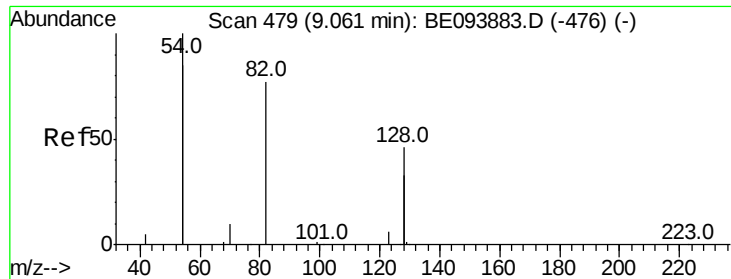
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampleId :

3820-PP1

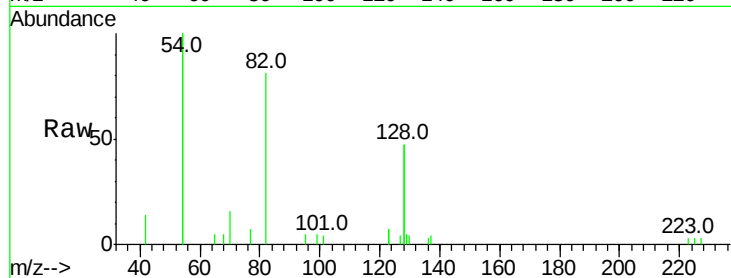
Tot Ion: 82 Resp: 2850

Ion Ratio Lower Upper

82 100

128 116.6 91.4 137.0

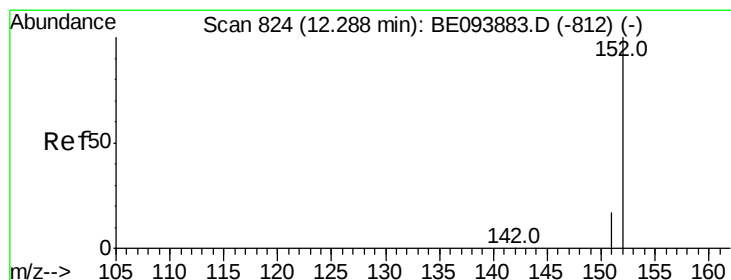
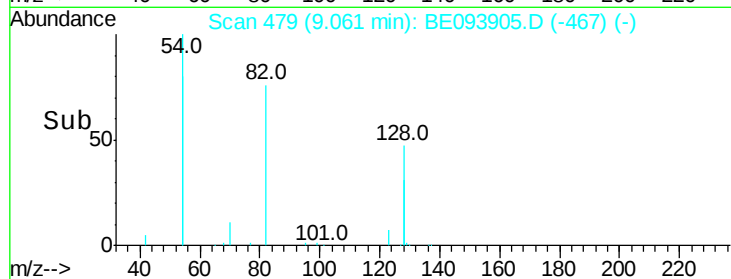
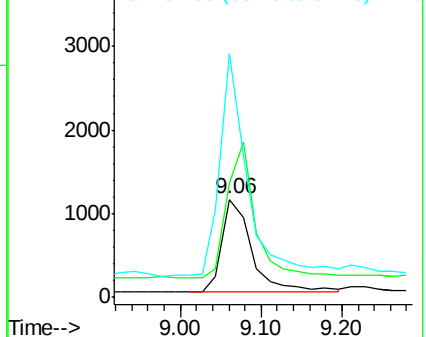
54 248.1 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE093883.D (-476) (-)

Ion 128.00 (127.70 to 128.70): BE093883.D (-476) (-)

Ion 54.00 (53.70 to 54.70): BE093883.D (-476) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.296 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093905.D

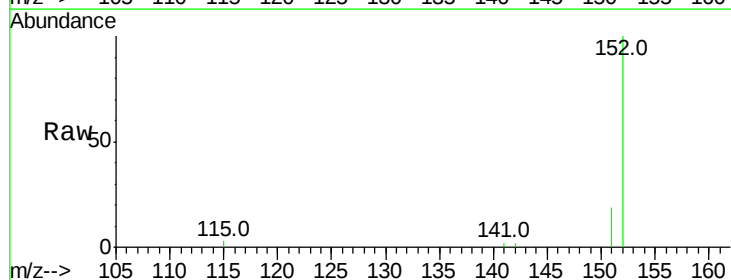
Acq: 1 Sep 2017 16:57

Tgt Ion: 152 Resp: 4837

Ion Ratio Lower Upper

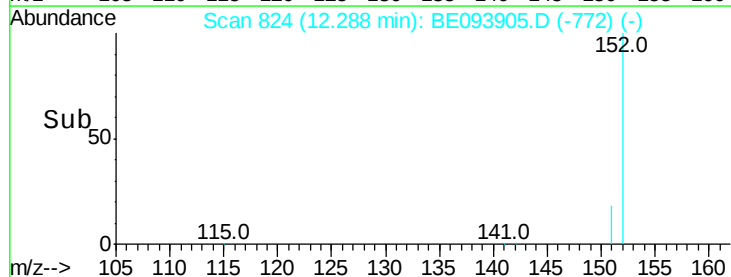
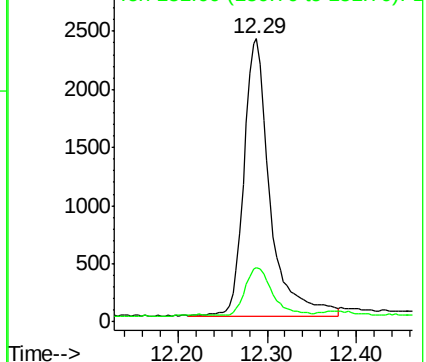
152 100

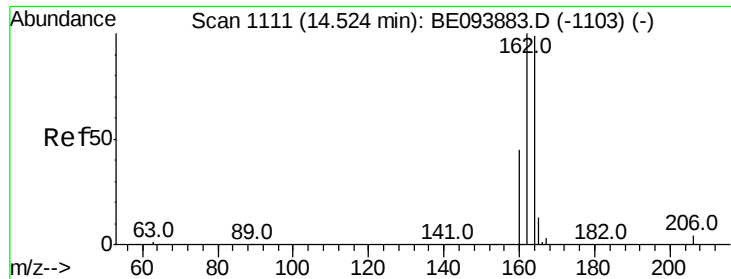
151 18.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE093883.D (-812) (-)

Ion 151.00 (150.70 to 151.70): BE093883.D (-812) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampleId :

3820-PP1

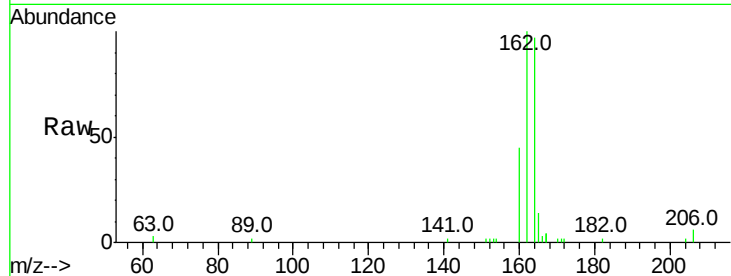
Tot Ion:164 Resp: 5929

Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

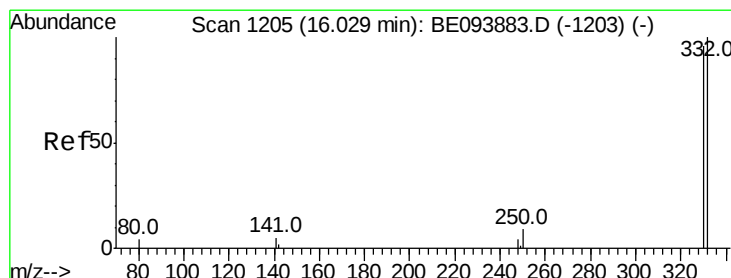
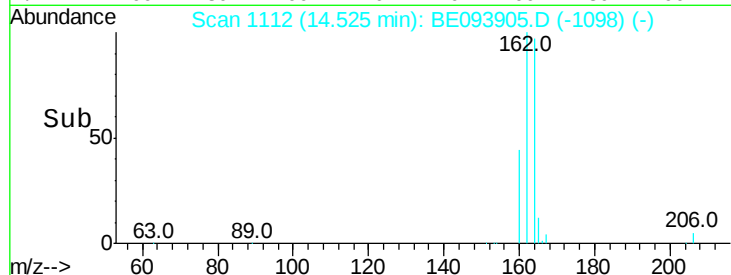
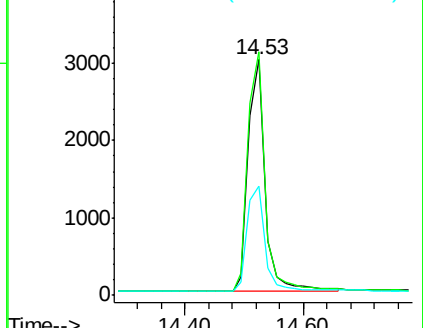
160 46.5 37.0 55.4



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



#14

2,4,6-Tribromophenol

Concen: 0.453 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

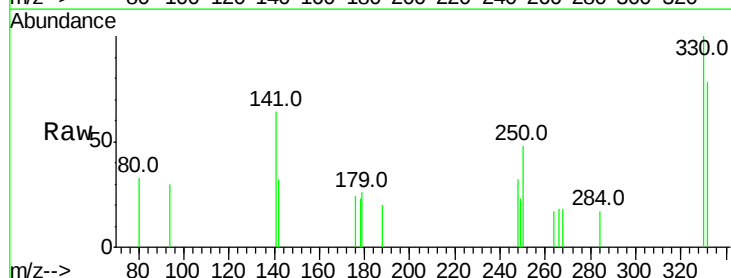
Tgt Ion:330 Resp: 720

Ion Ratio Lower Upper

330 100

332 90.1 76.9 115.3

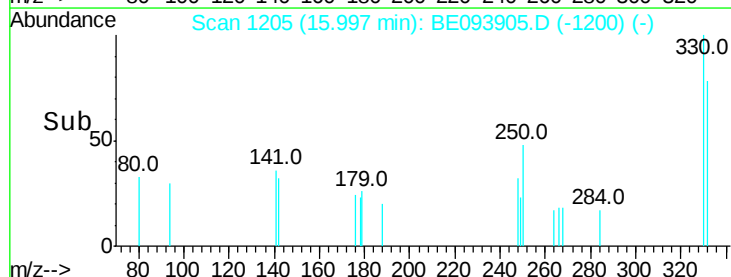
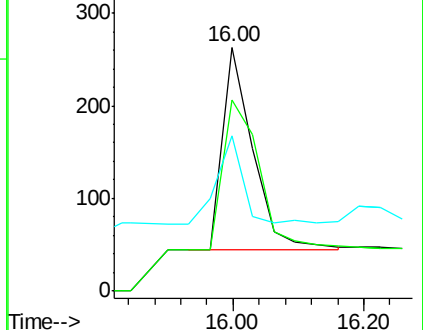
141 37.8 0.0 0.0#

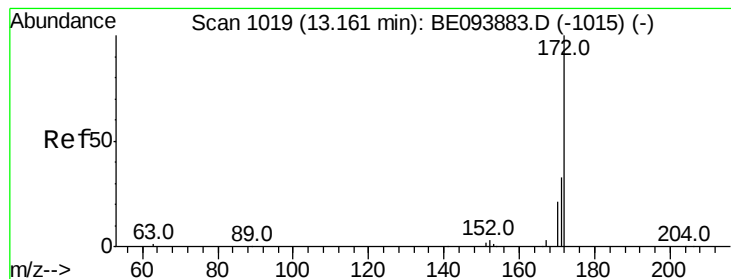


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.335 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampled :

3820-PP1

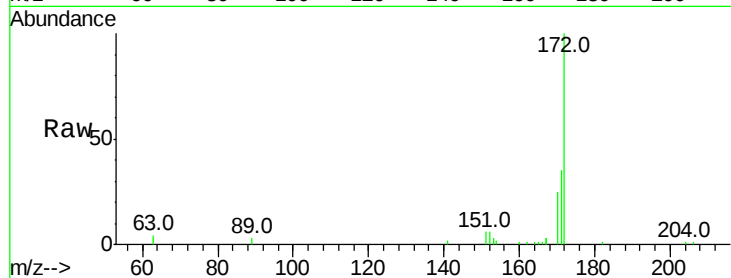
Tot Ion:172 Resp: 7915

Ion Ratio Lower Upper

172 100

171 35.2 26.9 40.3

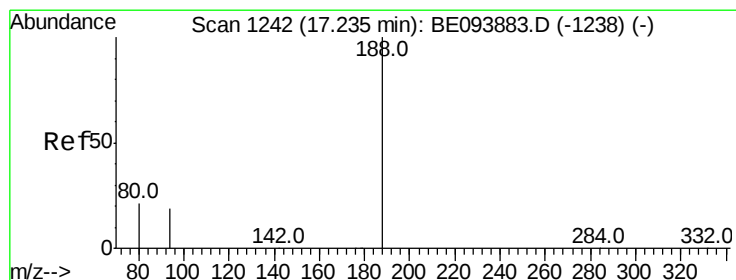
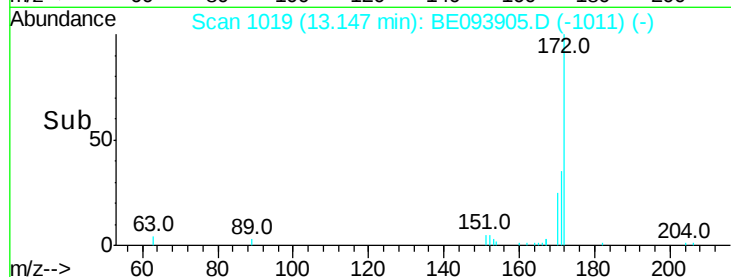
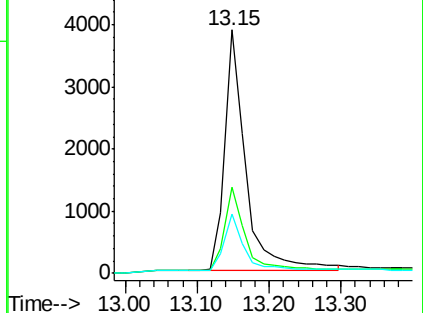
170 24.6 17.3 25.9



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

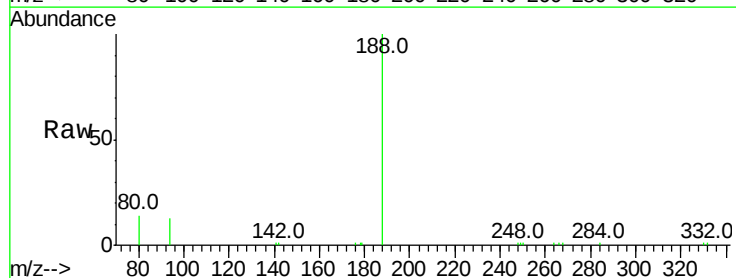
Tgt Ion:188 Resp: 15559

Ion Ratio Lower Upper

188 100

94 13.2 16.1 24.1#

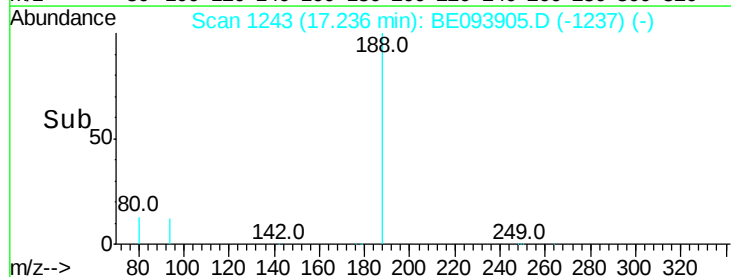
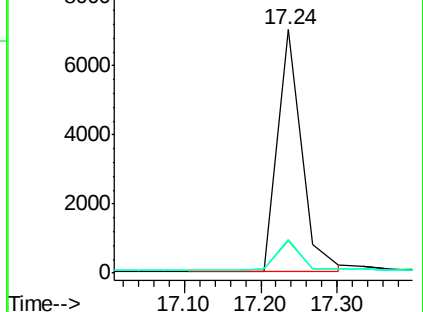
80 13.7 18.2 27.2#

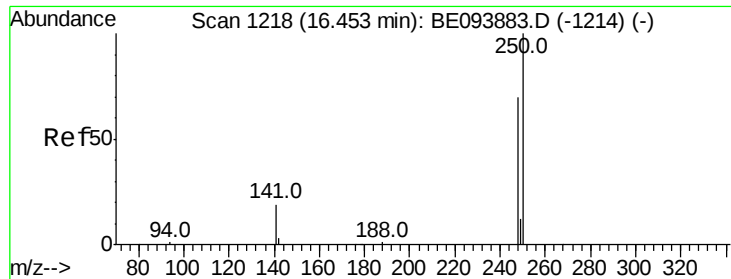


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

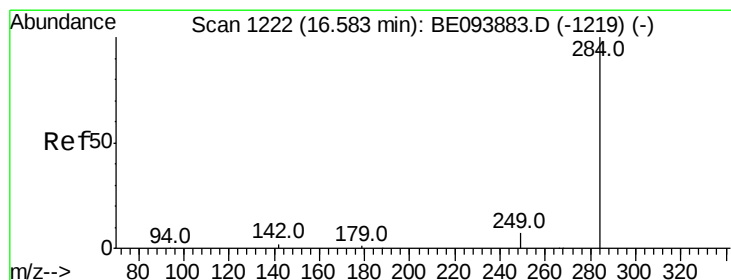
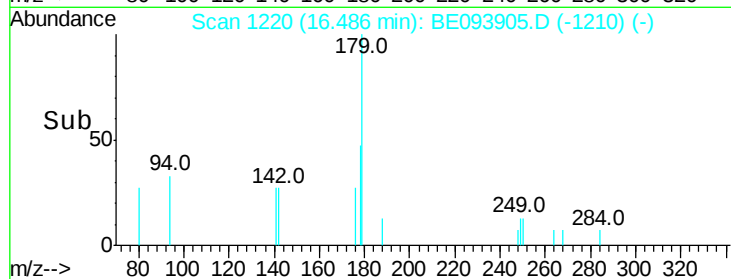
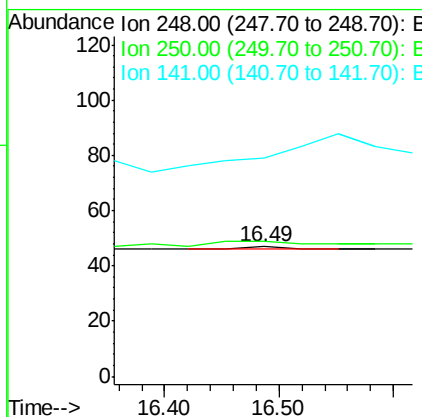
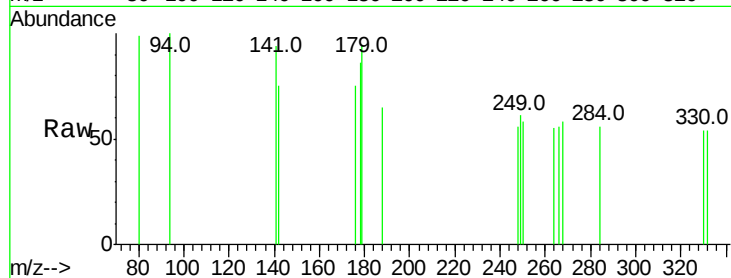




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.49 min Scan# 1220
Delta R.T. 0.03 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

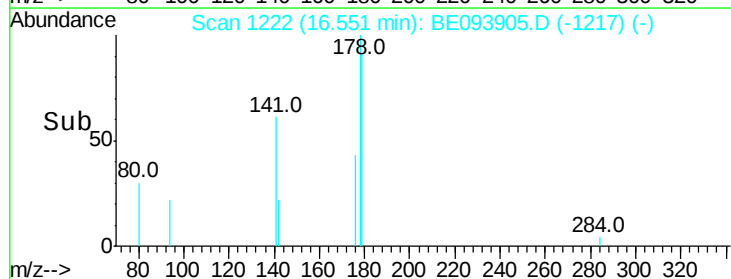
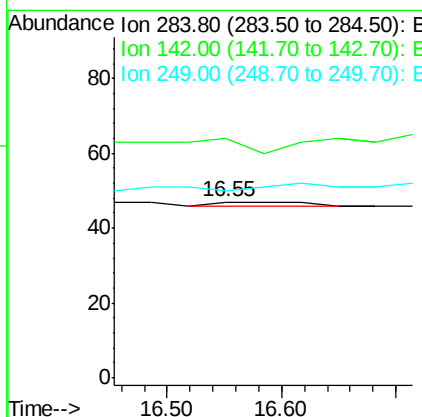
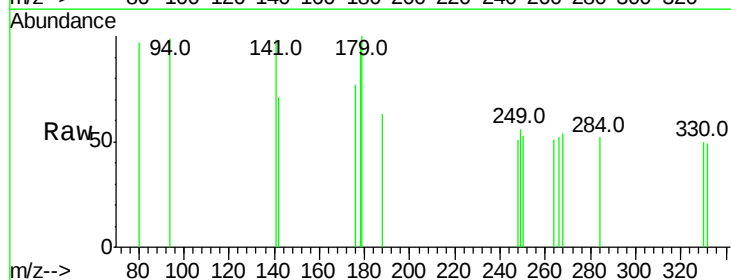
Instrument :
BNA_E
ClientSampled :
3820-PP1

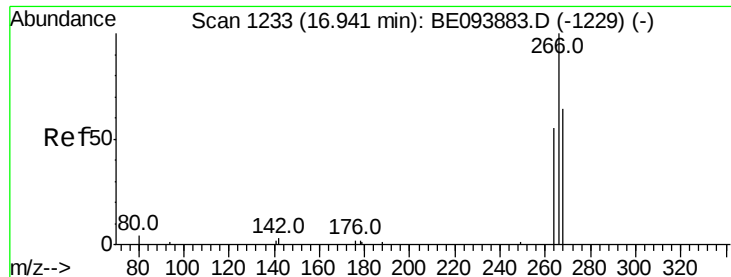
Tot Ion:248 Resp: 2
Ion Ratio Lower Upper
248 100
250 104.3 111.8 167.8#
141 168.1 27.1 40.7#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.55 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

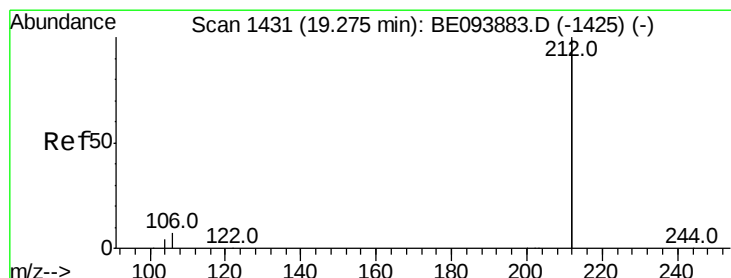
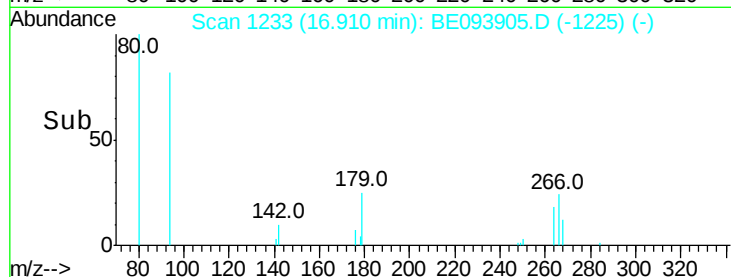
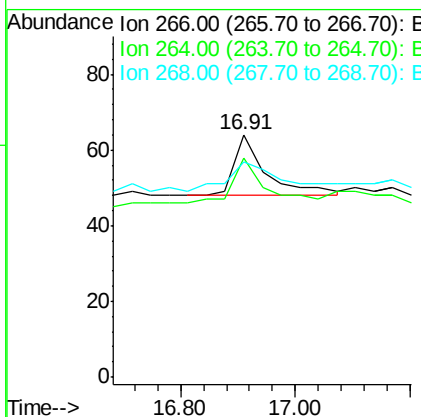
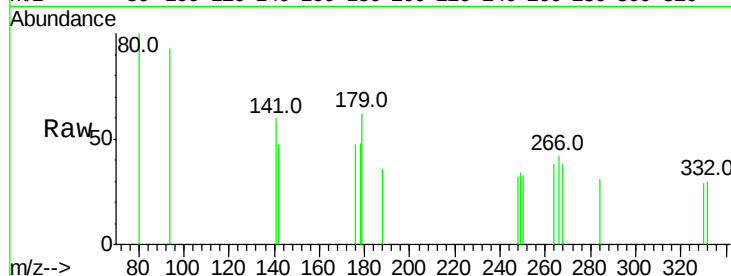




#22
 Pentachlorophenol
 Concen: 0.025 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. -0.03 min
 Lab File: BE093905.D
 Acq: 1 Sep 2017 16:57

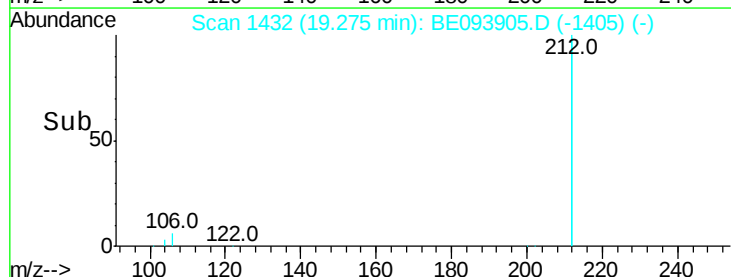
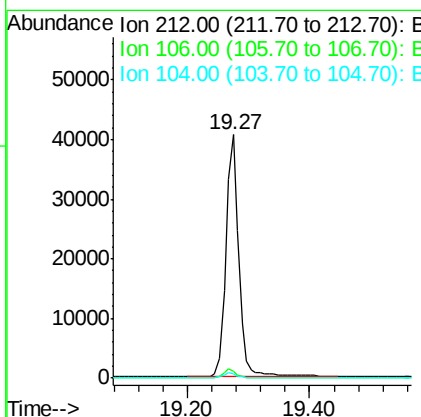
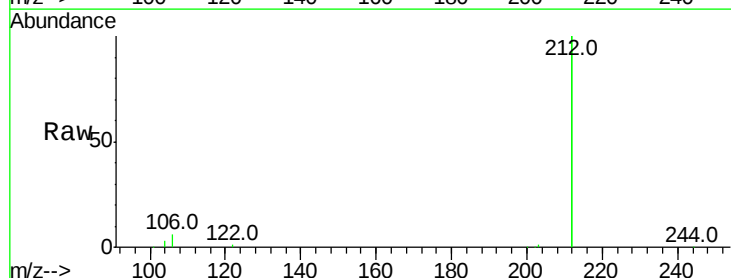
Instrument :
 BNA_E
 ClientSampleId :
 3820-PP1

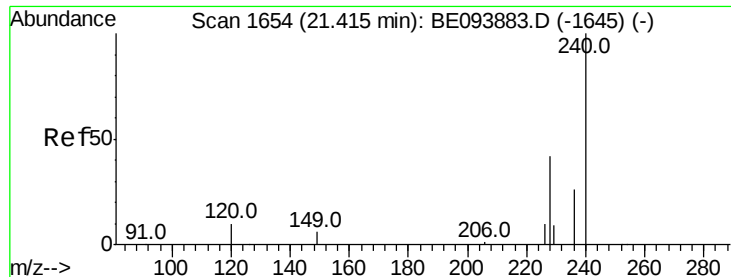
Tot Ion:266 Resp: 61
 Ion Ratio Lower Upper
 266 100
 264 90.6 53.5 80.3#
 268 89.1 60.0 90.0



#25
 Fluoranthene-d10
 Concen: 0.329 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093905.D
 Acq: 1 Sep 2017 16:57

Tgt Ion:212 Resp: 59033
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.0 1.6 2.4

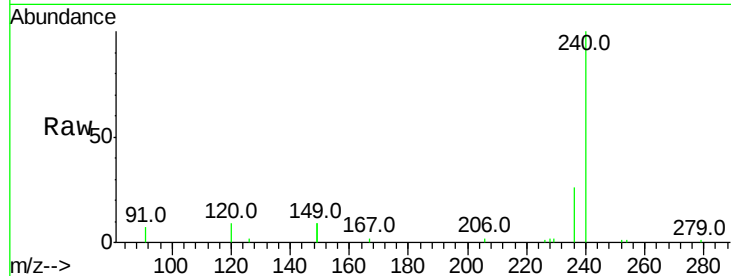




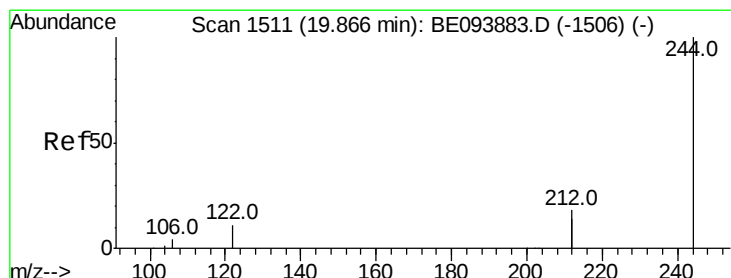
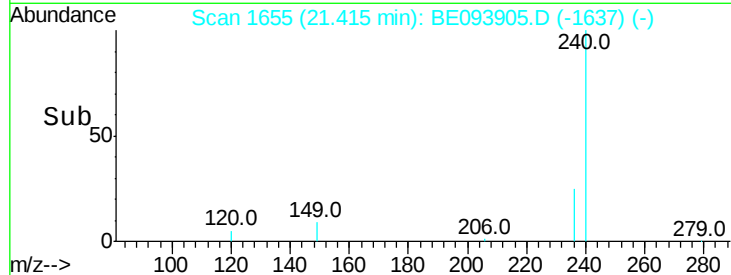
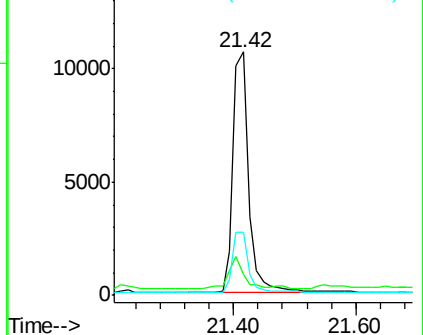
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

Instrument :
BNA_E
ClientSampled :
3820-PP1

Tot Ion:240 Resp: 19129
Ion Ratio Lower Upper
240 100
120 8.7 8.7 13.1#
236 26.0 21.3 31.9

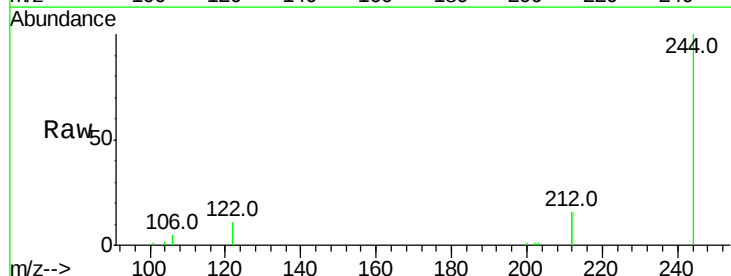


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

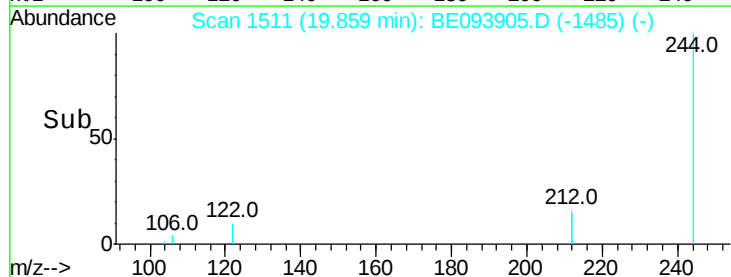
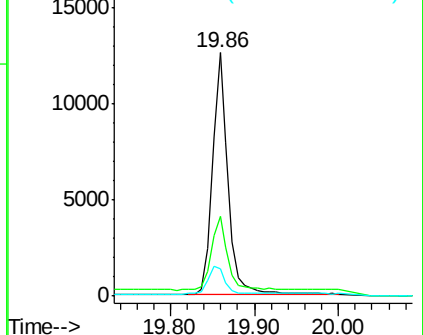


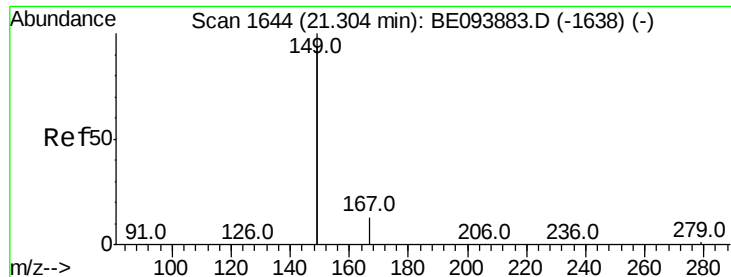
#29
Terphenyl-d14
Concen: 0.481 ng
RT: 19.86 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BE093905.D
Acq: 1 Sep 2017 16:57

Tgt Ion:244 Resp: 16636
Ion Ratio Lower Upper
244 100
212 32.7 28.3 42.5
122 11.0 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: 0.914 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

Instrument :

BNA_E

ClientSampleId :

3820-PP1

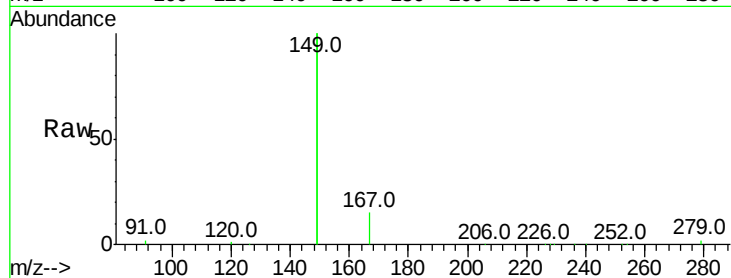
Tot Ion:149 Resp: 109443

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

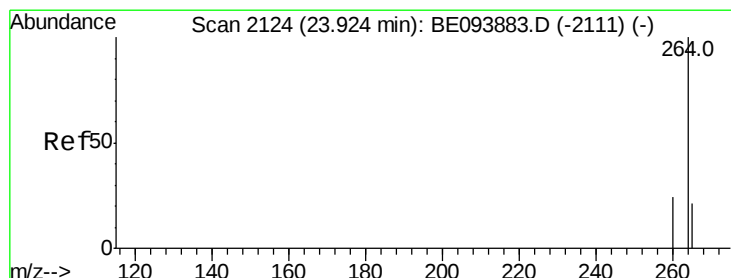
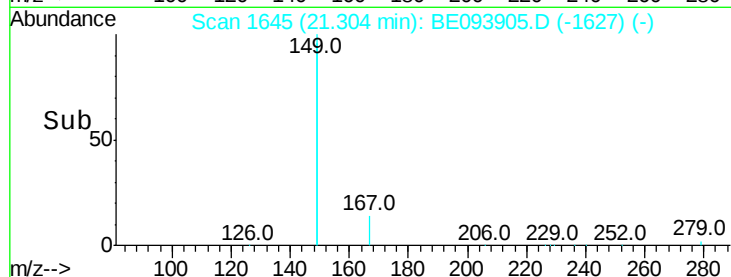
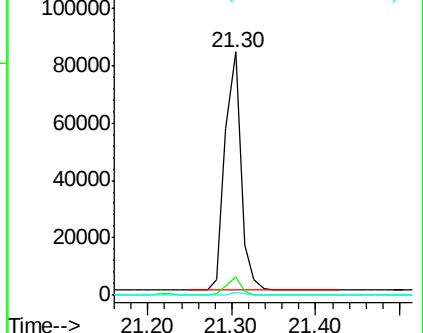
279 0.9 0.7 1.1



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093905.D

Acq: 1 Sep 2017 16:57

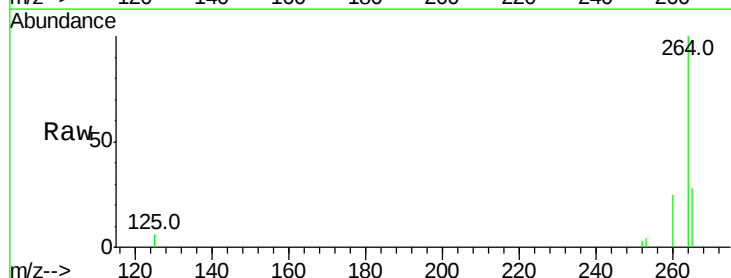
Tgt Ion:264 Resp: 15918

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 28.4 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

