

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
 Data File : BE093912.D
 Acq On : 1 Sep 2017 21:17
 Operator : SJ/JU
 Sample : I4963-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3827-SPP4

Quant Time: Sep 02 01:21:21 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	2191	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11178	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6417	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	15578	0.40	ng	0.00
27) Chrysene-d12	21.41	240	15594	0.40	ng	0.00
34) Perylene-d12	23.92	264	13806	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	928	0.14	ng	0.00
5) Phenol-d6	7.10	99	865	0.08	ng	0.01
8) Nitrobenzene-d5	9.06	82	3174	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	5510	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	694	0.40	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	8771	0.34	ng	-0.01
25) Fluoranthene-d10	19.27	212	58968	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	13197	0.47	ng	0.00

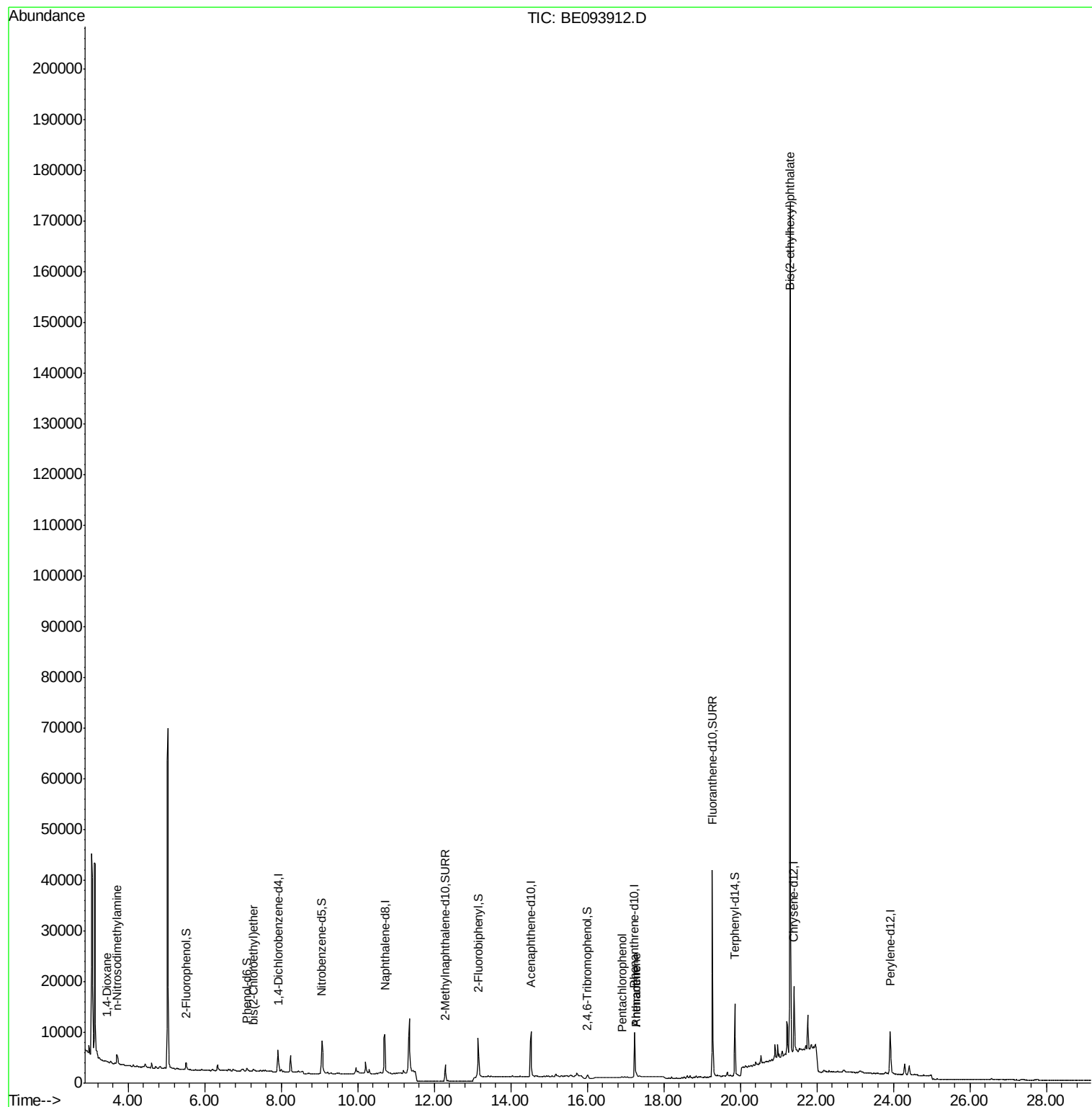
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.44	88	153	0.051	ng	# 18
3) n-Nitrosodimethylamine	3.70	42	350	0.104	ng	# 1
6) bis(2-Chloroethyl)ether	7.27	93	1130	0.142	ng	# 1
20) 4-Bromophenyl-phenylether	16.45	248	22	Below Cal		# 29
21) Hexachlorobenzene	16.58	284	10	Below Cal		# 100
22) Pentachlorophenol	16.91	266	70	0.029	ng	# 80
23) Phenanthrene	17.27	178	1013	0.026	ng	# 70
24) Anthracene	17.27	178	1013	0.021	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.31	149	211173	2.163	ng	99

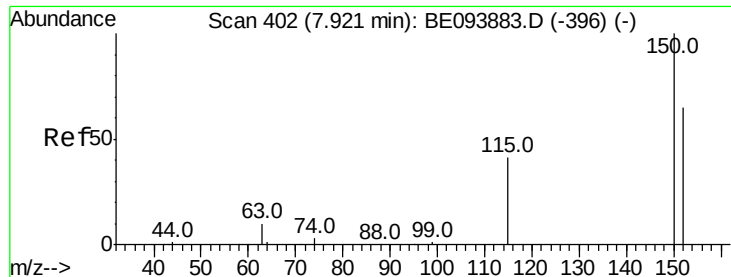
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090117\
Data File : BE093912.D
Acq On : 1 Sep 2017 21:17
Operator : SJ/JU
Sample : I4963-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Quant Time: Sep 02 01:21:21 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



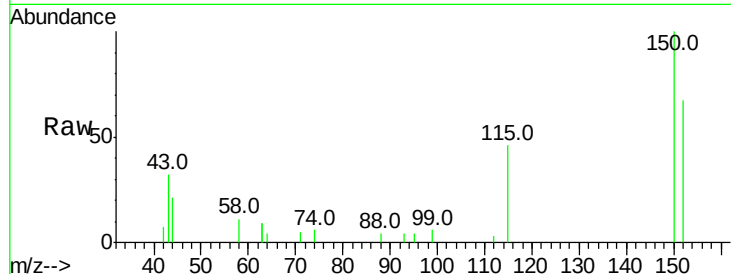


#1

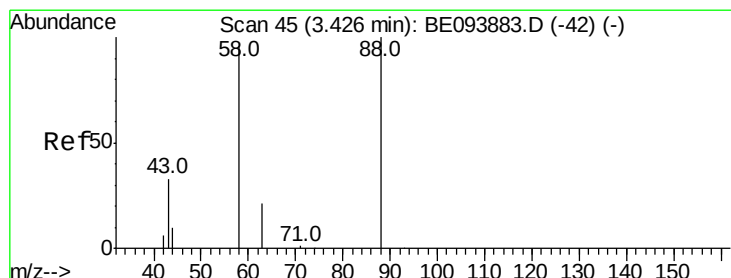
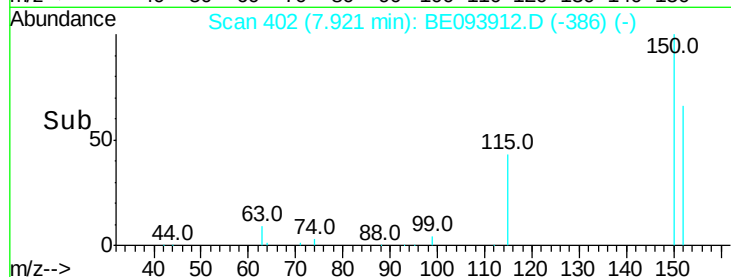
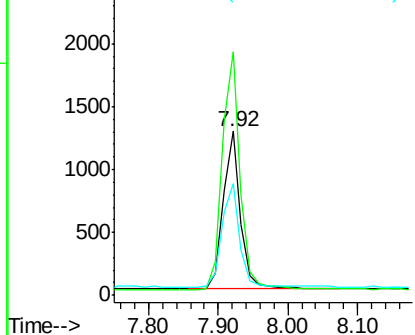
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tot Ion:152 Resp: 2191
Ion Ratio Lower Upper
152 100
150 148.5 121.8 182.6
115 67.9 52.6 79.0



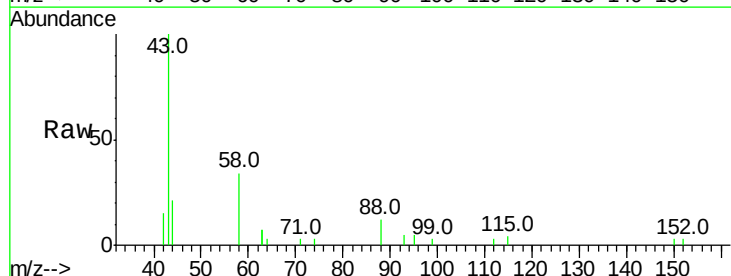
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



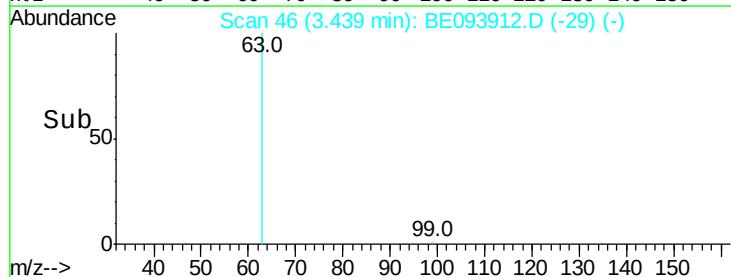
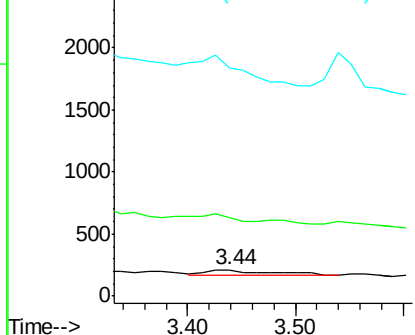
#2

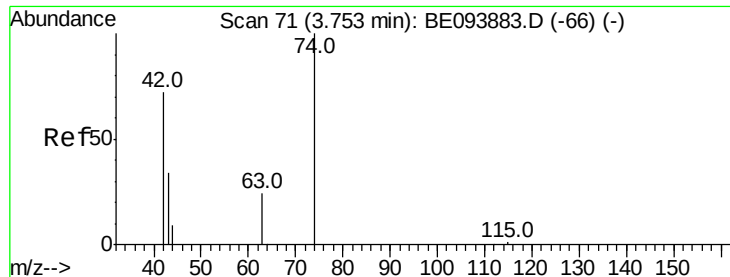
1,4-Dioxane
Concen: 0.051 ng
RT: 3.44 min Scan# 46
Delta R.T. 0.01 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Tgt Ion: 88 Resp: 153
Ion Ratio Lower Upper
88 100
58 0.0 65.4 98.0#
43 0.0 23.9 35.9#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.70 min Scan# 67

Delta R.T. -0.05 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

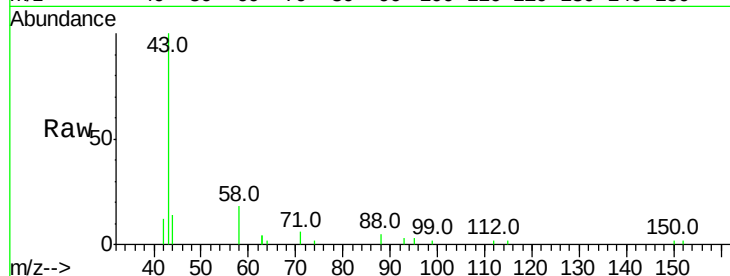
Tot Ion: 42 Resp: 350

Ion Ratio Lower Upper

42 100

74 0.0 104.0 156.0#

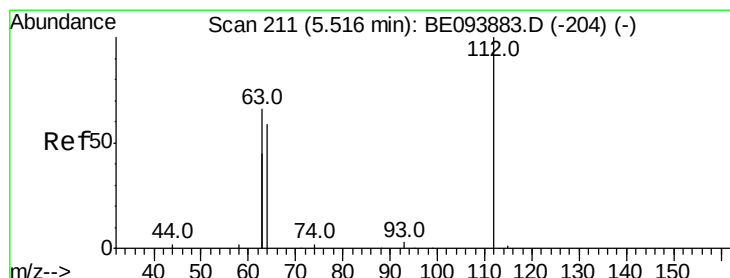
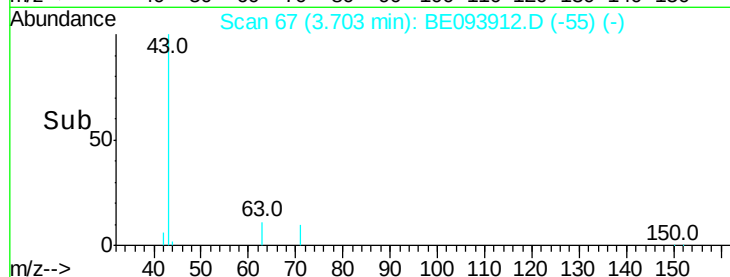
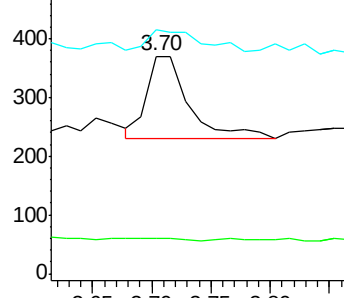
44 38.3 13.8 20.8#



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: 0.138 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

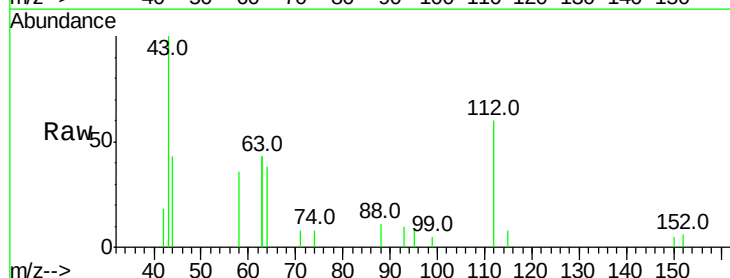
Tgt Ion: 112 Resp: 928

Ion Ratio Lower Upper

112 100

64 75.3 57.7 86.5

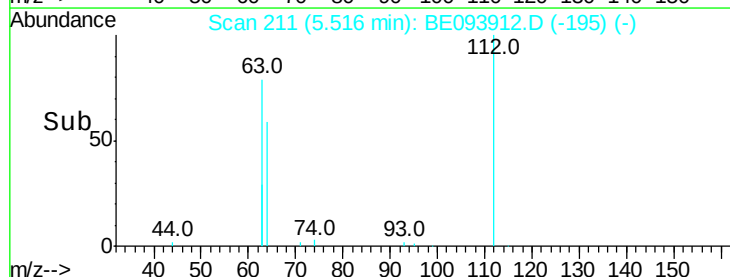
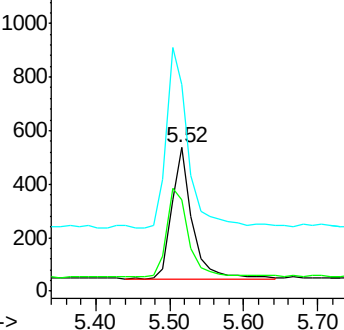
63 145.9 116.0 174.0

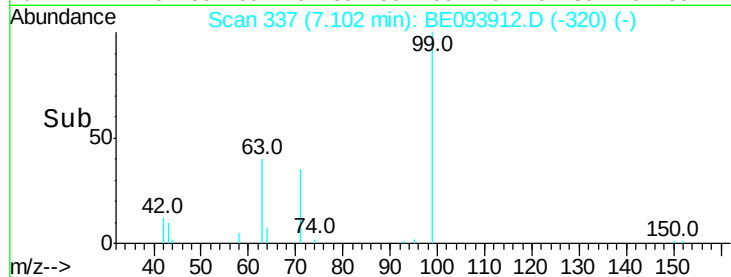
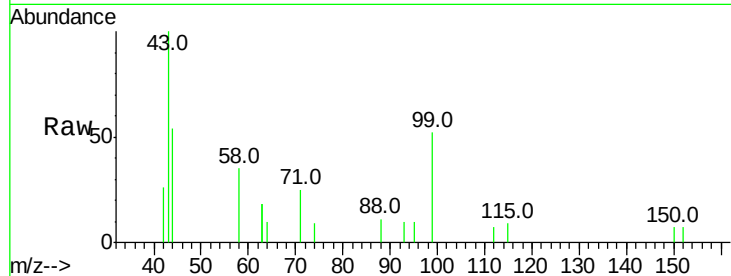
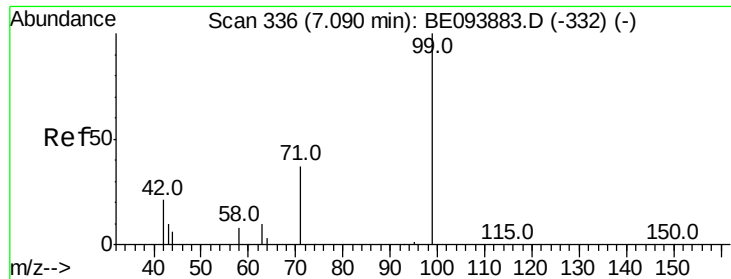


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.084 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

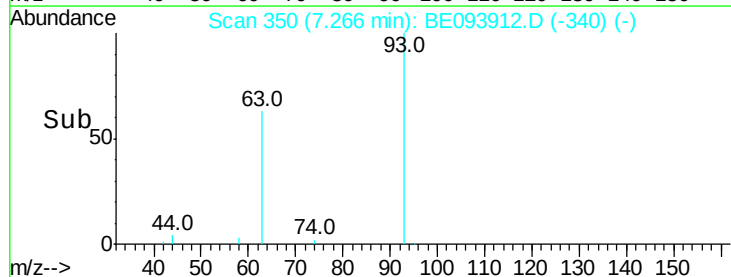
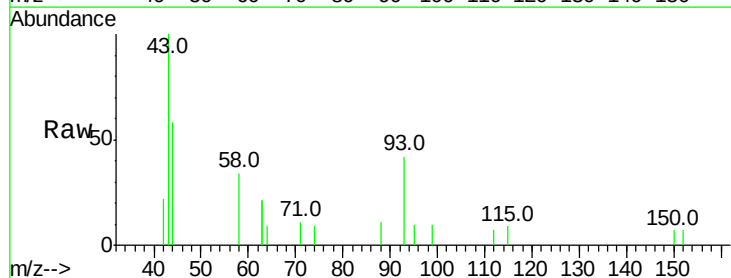
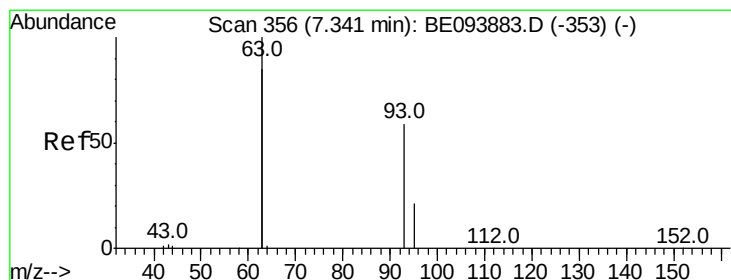
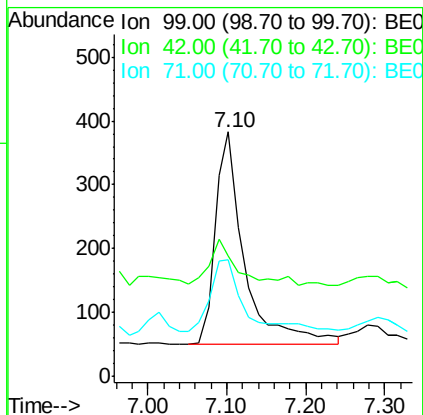
Tot Ion: 99 Resp: 865

Ion Ratio Lower Upper

99 100

42 22.5 17.1 25.7

71 40.8 26.6 39.8#



#6

bis(2-Chloroethyl)ether

Concen: 0.142 ng

RT: 7.27 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

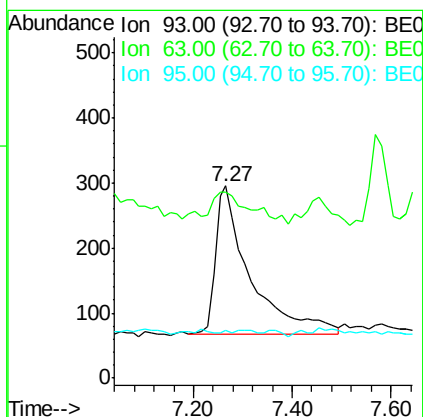
Tgt Ion: 93 Resp: 1130

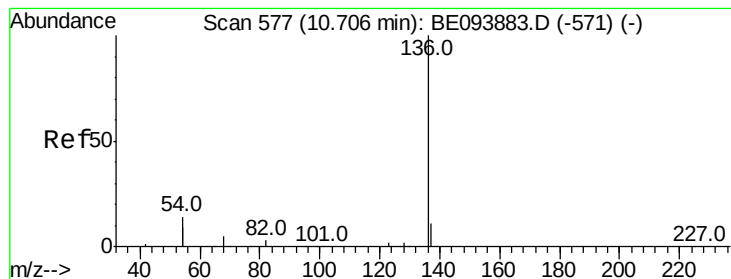
Ion Ratio Lower Upper

93 100

63 27.0 283.4 425.2#

95 0.0 26.9 40.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

Tot Ion:136 Resp: 11178

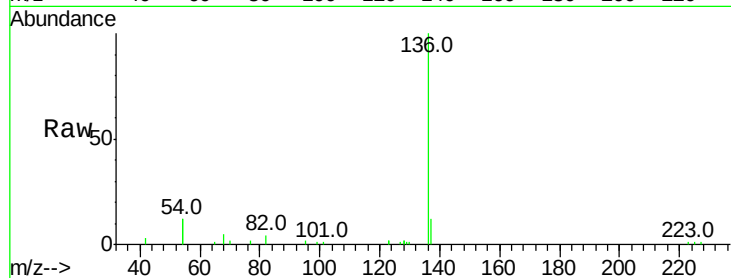
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 23.3 21.9 32.9

68 5.3 4.6 7.0

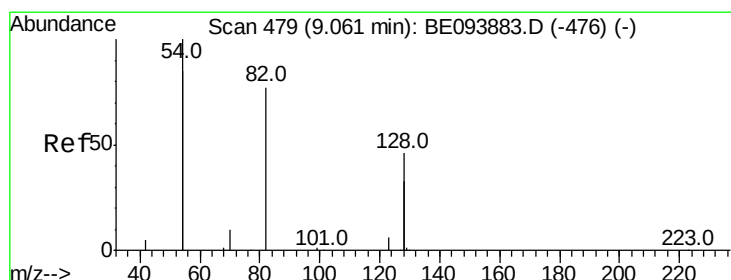
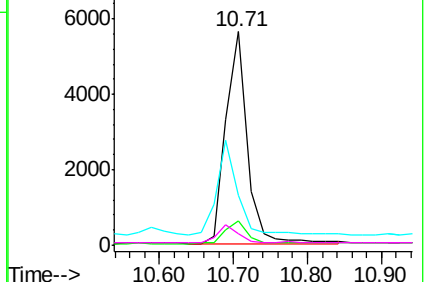
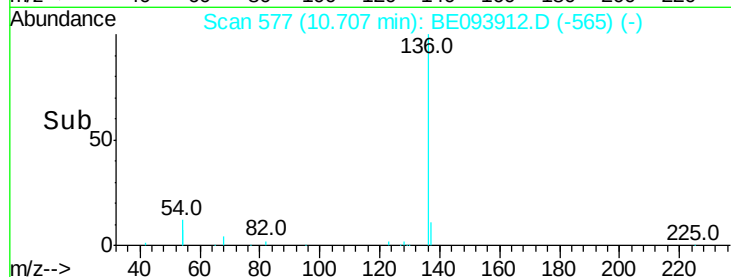


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

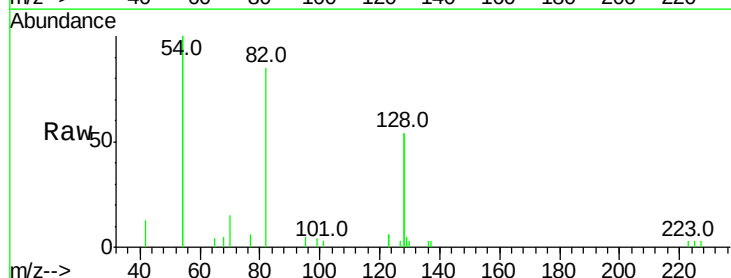
Tgt Ion: 82 Resp: 3174

Ion Ratio Lower Upper

82 100

128 125.6 91.4 137.0

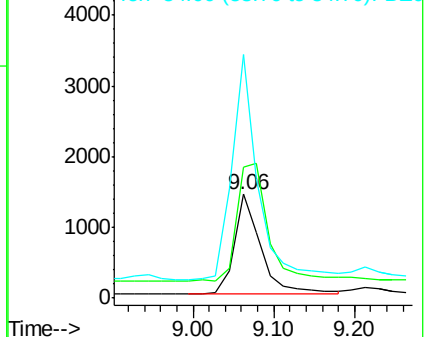
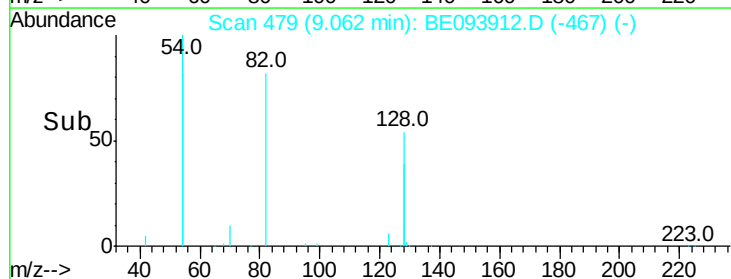
54 234.1 197.8 296.8

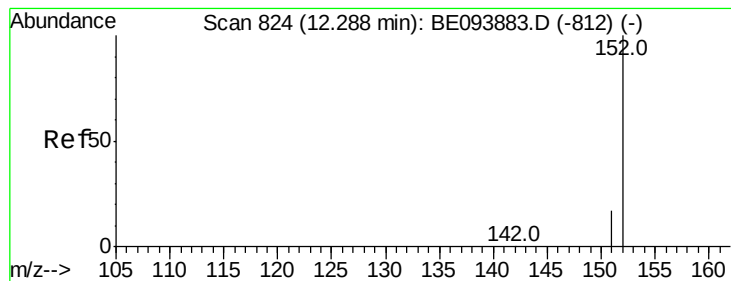


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.312 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

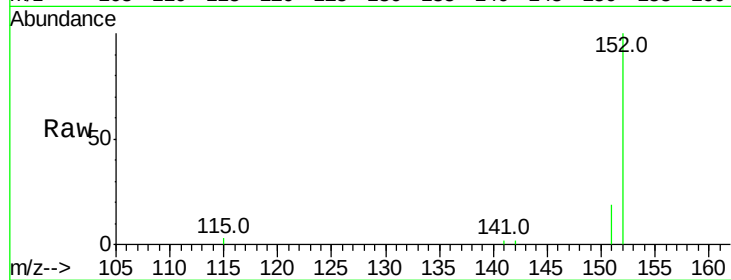
3827-SPP4

Tot Ion:152 Resp: 5510

Ion Ratio Lower Upper

152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

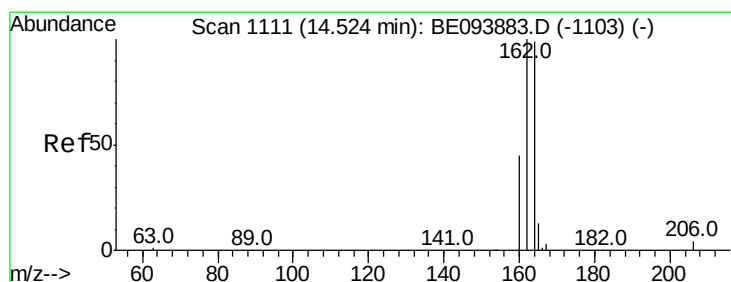
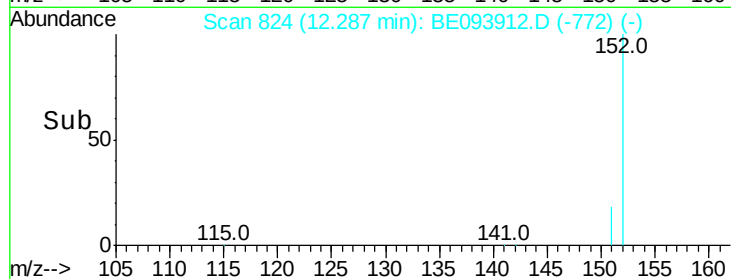
3000

2000

1000

0

Time--> 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

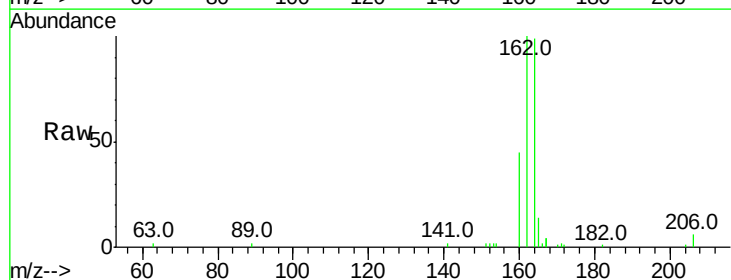
Tgt Ion:164 Resp: 6417

Ion Ratio Lower Upper

164 100

162 101.3 80.8 121.2

160 45.5 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

14.52

4000

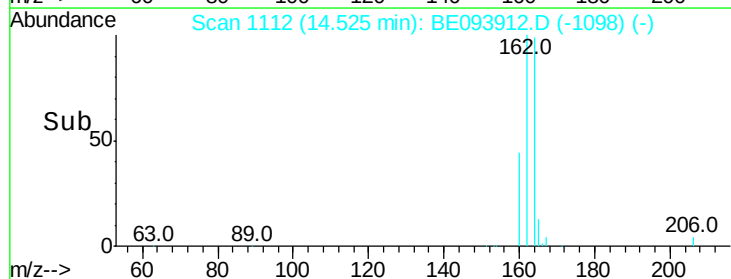
3000

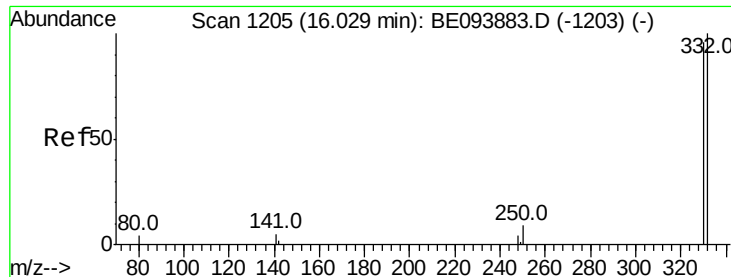
2000

1000

0

Time--> 14.40 14.60





#14

2,4,6-Tribromophenol

Concen: 0.404 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampled :

3827-SPP4

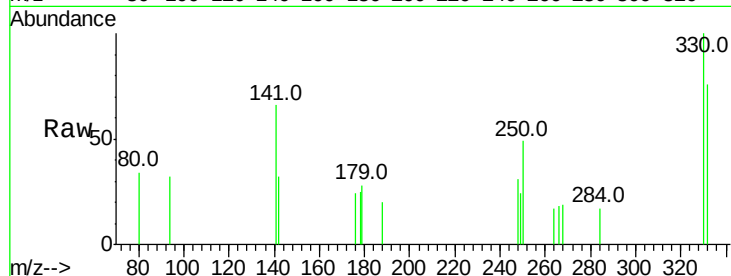
Tot Ion:330 Resp: 694

Ion Ratio Lower Upper

330 100

332 86.5 76.9 115.3

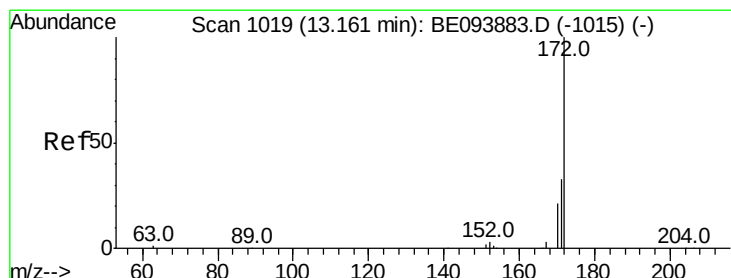
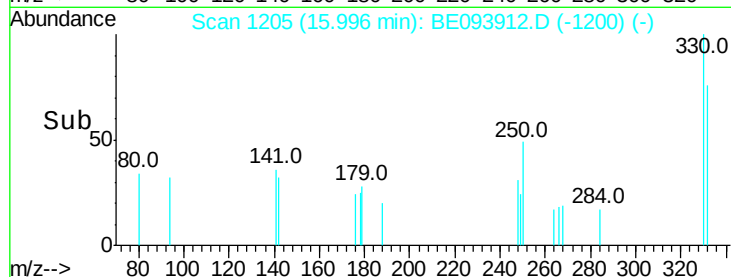
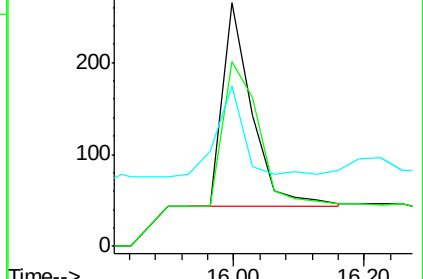
141 44.5 0.0 0.0#



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: 0.343 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

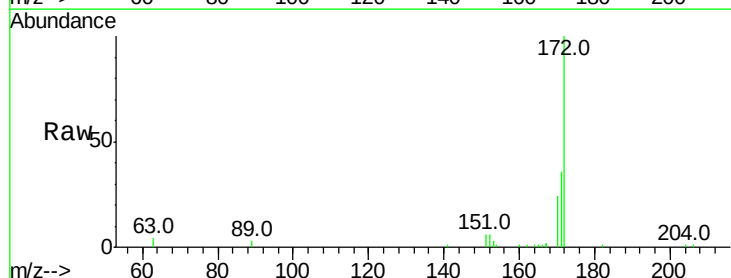
Tgt Ion:172 Resp: 8771

Ion Ratio Lower Upper

172 100

171 35.9 26.9 40.3

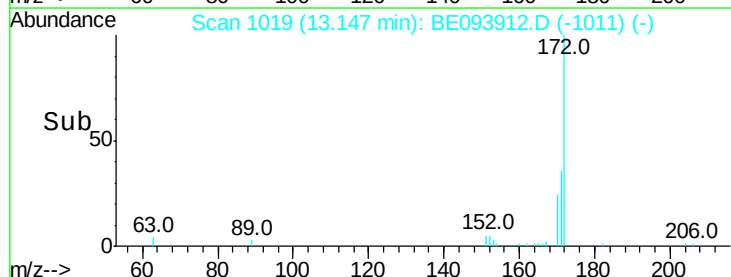
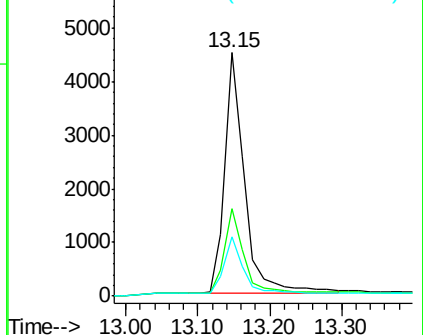
170 24.3 17.3 25.9

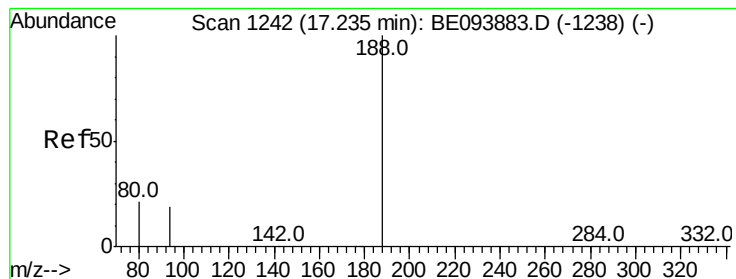


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

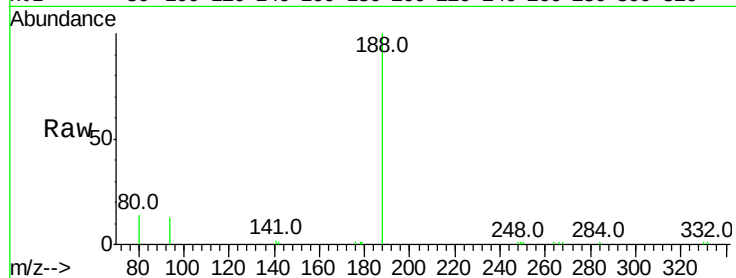
Tot Ion:188 Resp: 15578

Ion Ratio Lower Upper

188 100

94 13.5 16.1 24.1#

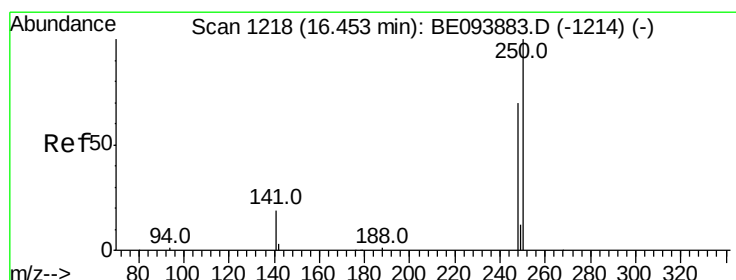
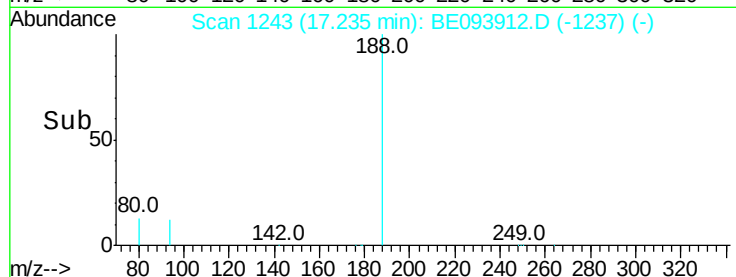
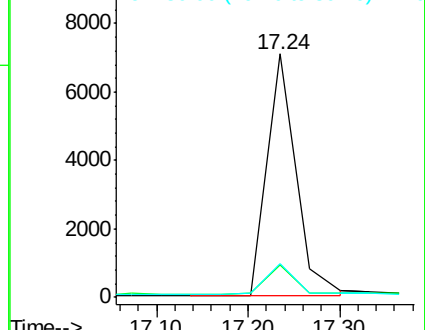
80 13.8 18.2 27.2#



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: 16.45 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

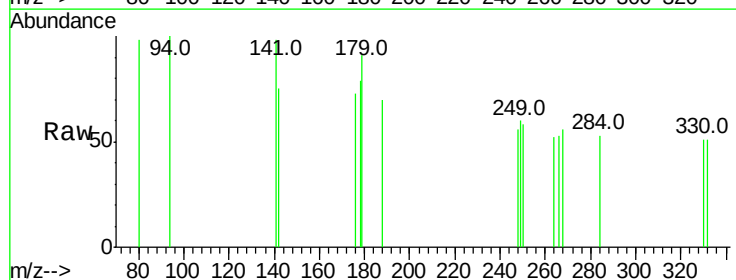
Tgt Ion:248 Resp: 22

Ion Ratio Lower Upper

248 100

250 104.0 111.8 167.8#

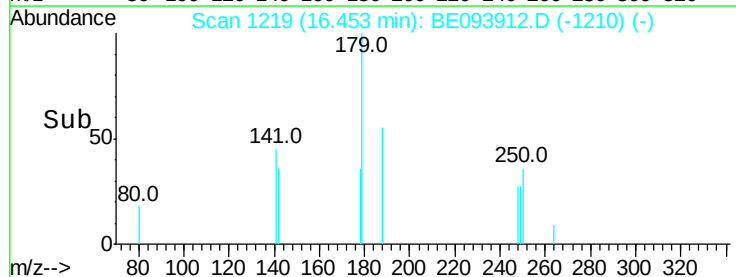
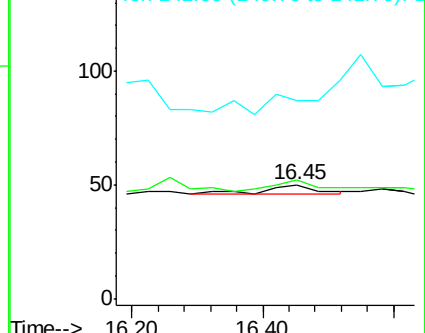
141 174.0 27.1 40.7#

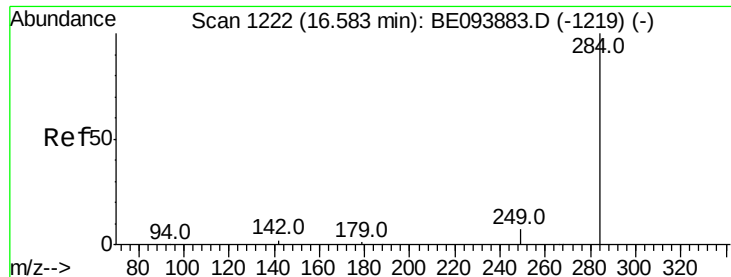


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

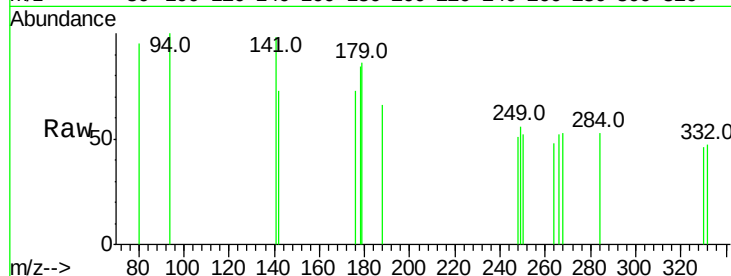
Tot Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

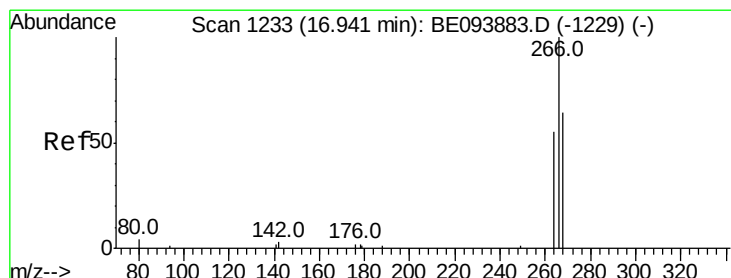
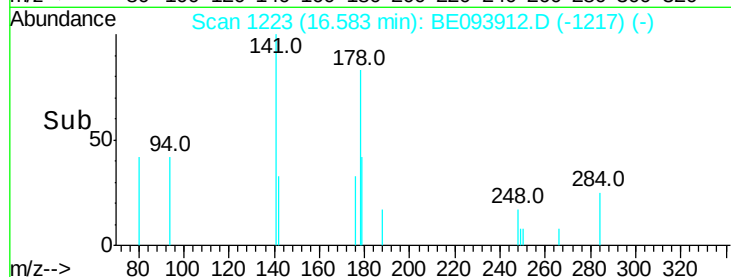
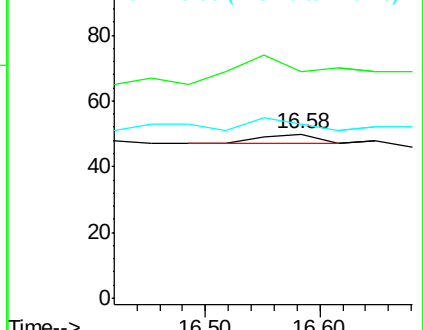
249 0.0 0.0 0.0



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: 0.029 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.03 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

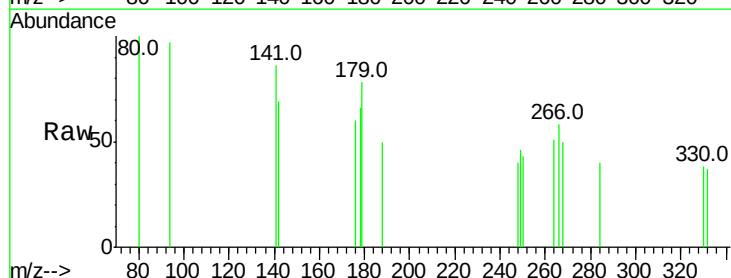
Tgt Ion:266 Resp: 70

Ion Ratio Lower Upper

266 100

264 88.4 53.5 80.3#

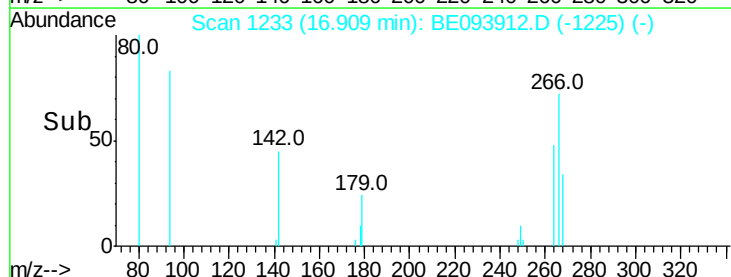
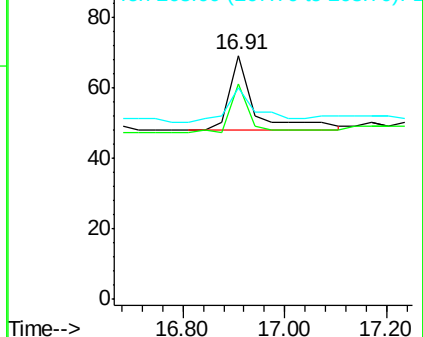
268 87.0 60.0 90.0

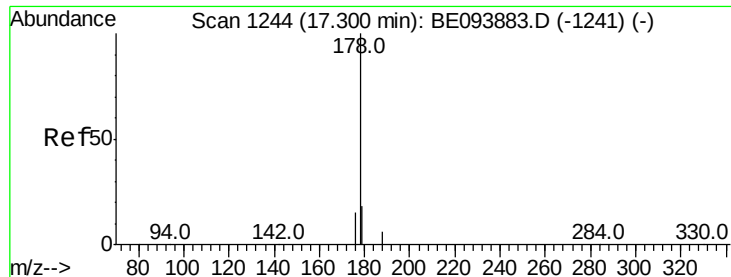


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.026 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

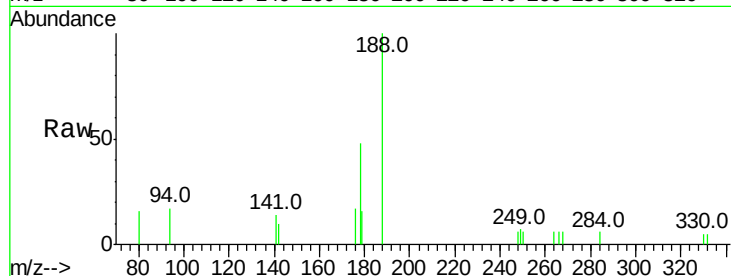
Tot Ion:178 Resp: 1013

Ion Ratio Lower Upper

178 100

176 23.9 0.0 0.0#

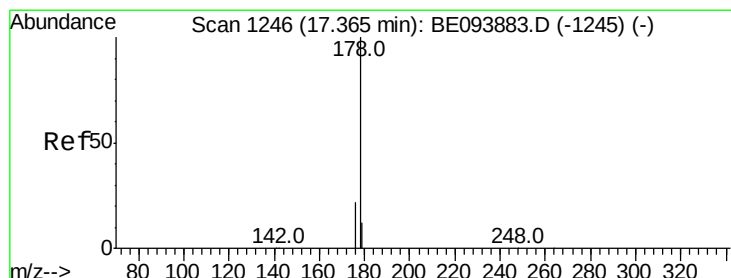
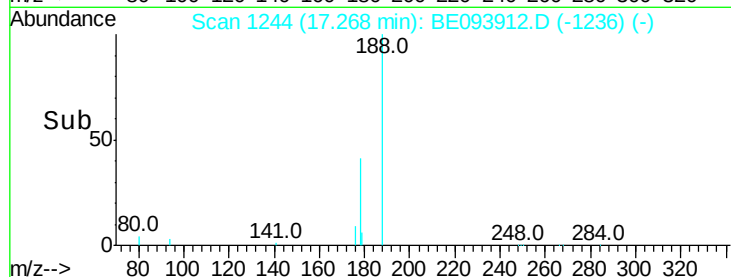
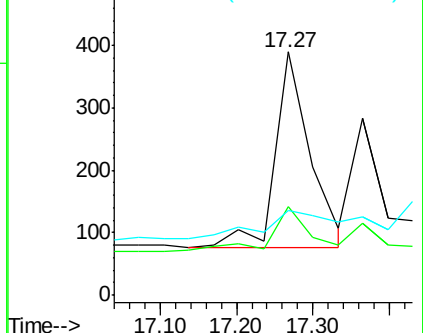
179 28.2 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.021 ng

RT: 17.27 min Scan# 1244

Delta R.T. -0.10 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

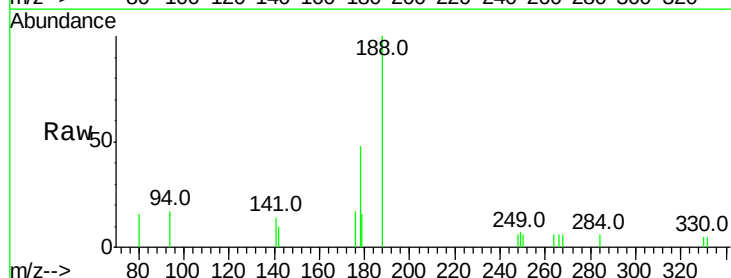
Tgt Ion:178 Resp: 1013

Ion Ratio Lower Upper

178 100

176 22.6 16.0 24.0

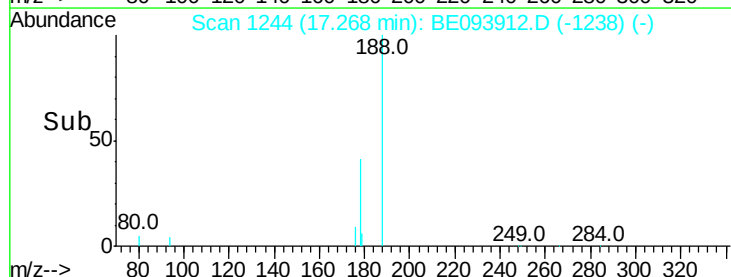
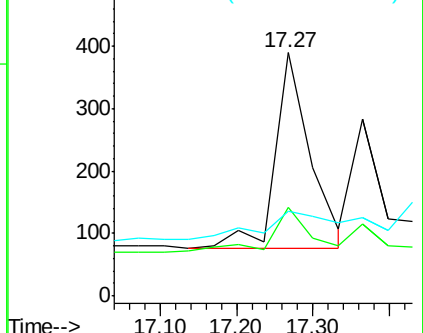
179 28.2 0.0 0.0#

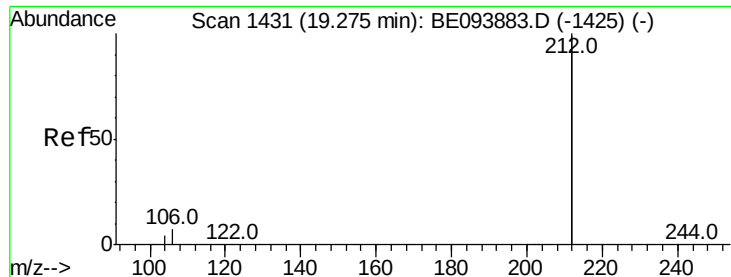


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.27 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

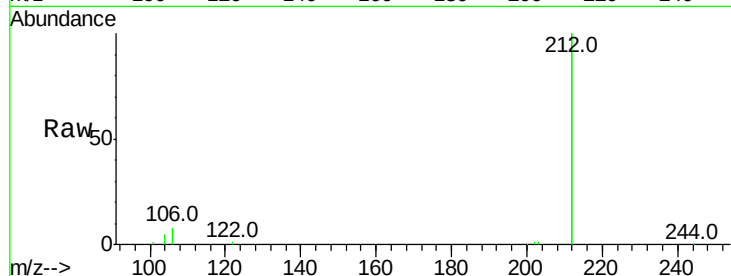
Tot Ion:212 Resp: 58968

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

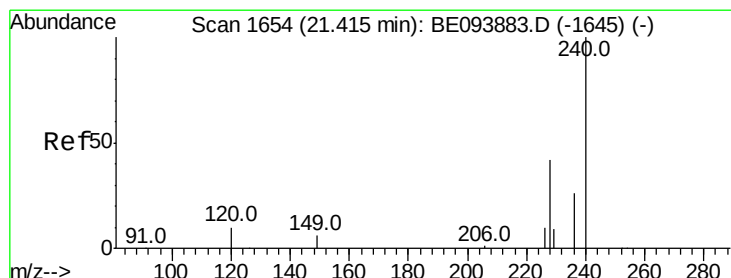
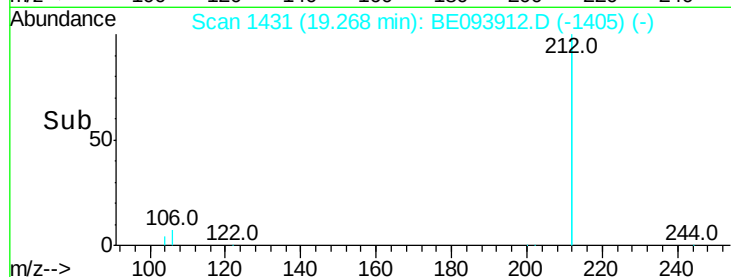
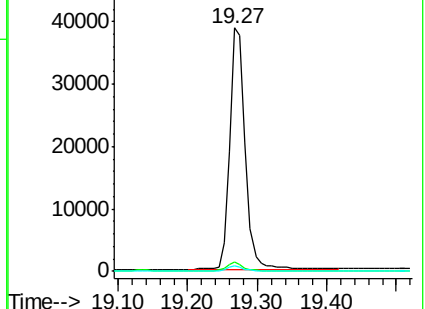
104 2.0 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

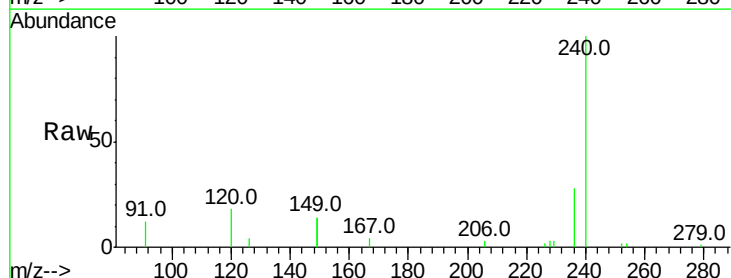
Tgt Ion:240 Resp: 15594

Ion Ratio Lower Upper

240 100

120 18.2 8.7 13.1#

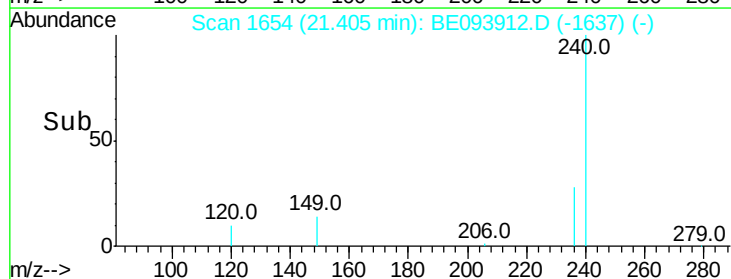
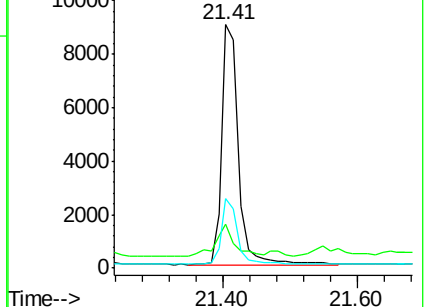
236 28.5 21.3 31.9

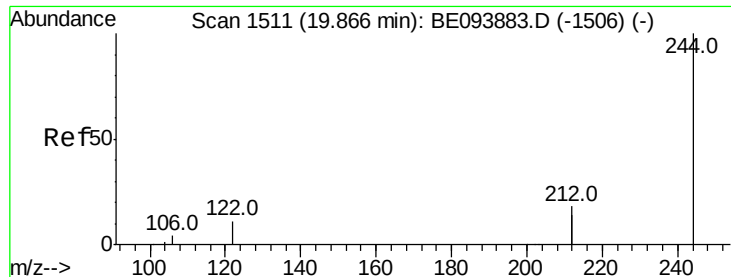


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.468 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

Instrument :

BNA_E

ClientSampleId :

3827-SPP4

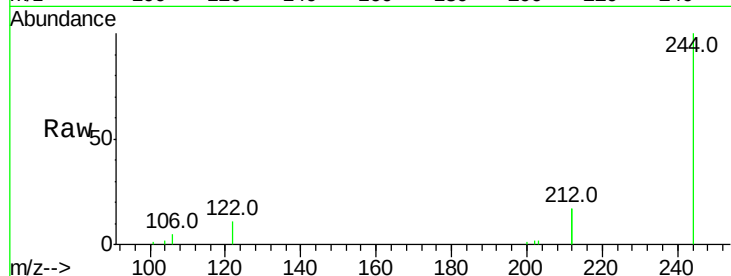
Tot Ion:244 Resp: 13197

Ion Ratio Lower Upper

244 100

212 34.0 28.3 42.5

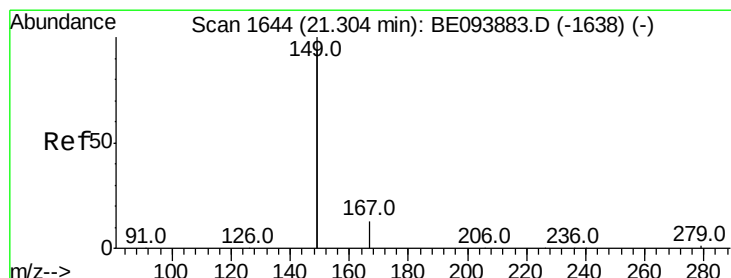
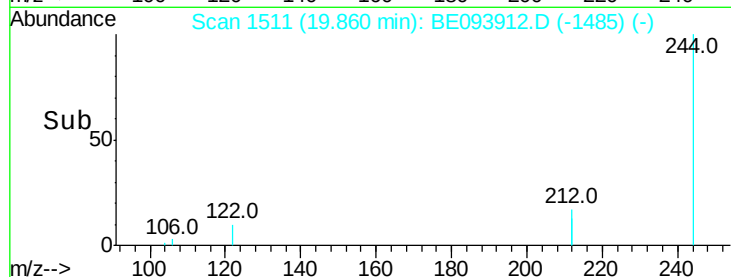
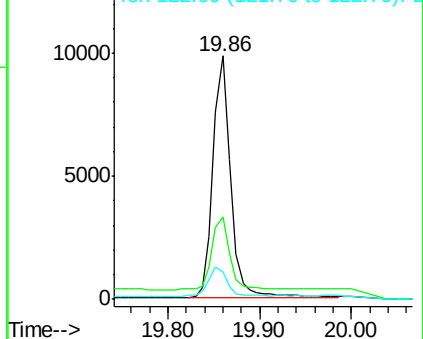
122 11.1 9.4 14.0



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: 2.163 ng

RT: 21.31 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093912.D

Acq: 1 Sep 2017 21:17

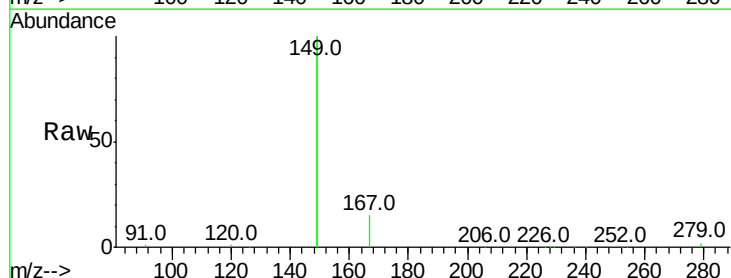
Tgt Ion:149 Resp: 211173

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

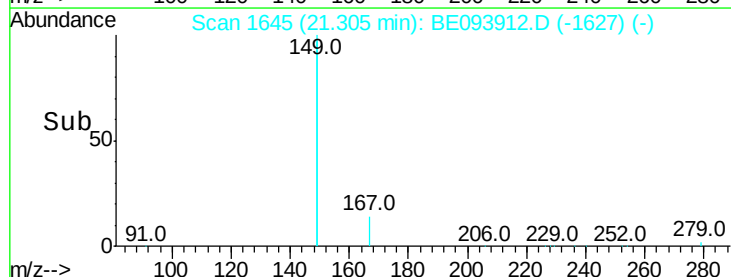
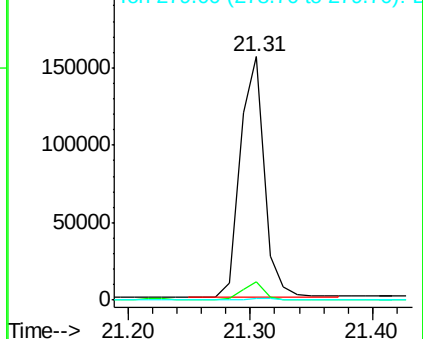
279 0.8 0.7 1.1

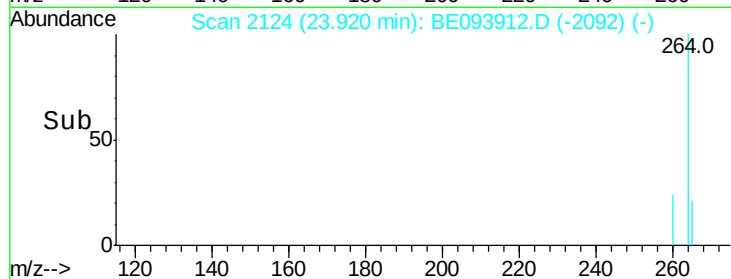
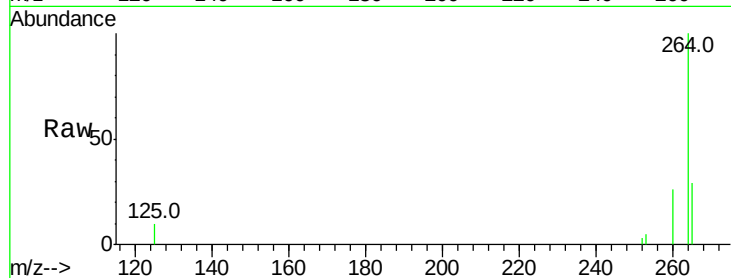
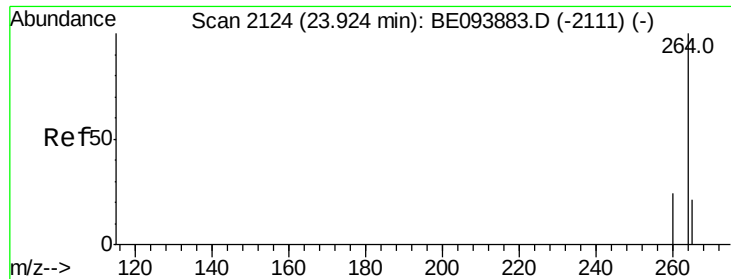


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE093912.D
Acq: 1 Sep 2017 21:17

Instrument :
BNA_E
ClientSampleId :
3827-SPP4

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	28.7	24.0	36.0

