

Data Path : U:\HPCHEM1\BNA E\DATA\BE082217\
 Data File : BE093876.D
 Acq On : 22 Aug 2017 15:23
 Operator : SJ/JU
 Sample : I4860-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS033-170816

Quant Time: Aug 23 01:52:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 14:30:21 2017
 Response via : Initial Calibration

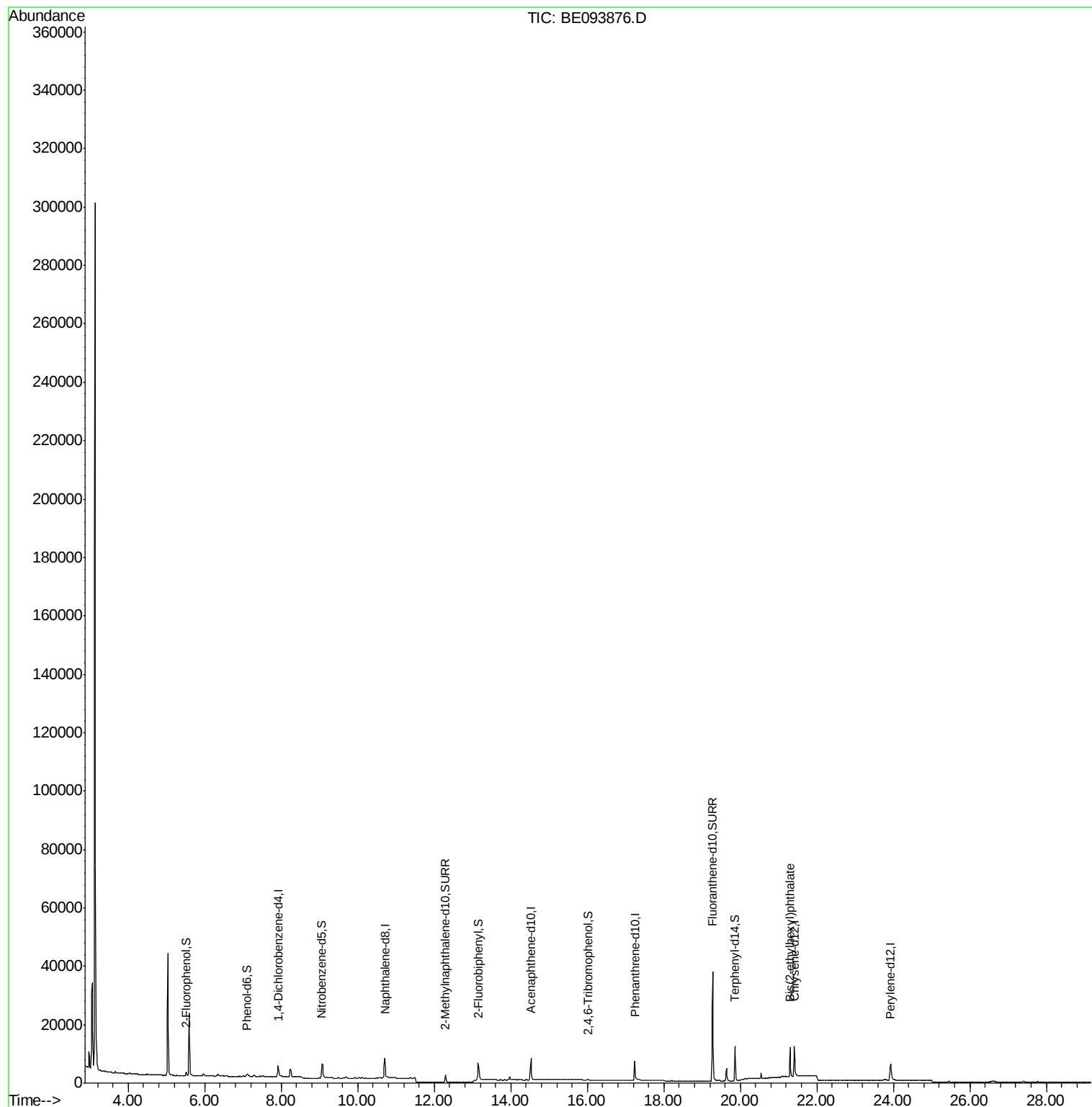
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1833	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	8994	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	5158	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11723	0.40	ng	0.00
27) Chrysene-d12	21.42	240	12509	0.40	ng	0.01
34) Perylene-d12	23.93	264	10604	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	807	0.14	ng	0.00
5) Phenol-d6	7.10	99	688	0.08	ng	0.01
8) Nitrobenzene-d5	9.06	82	2776	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4974	0.34	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	432	0.31	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	7325	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	51395	0.38	ng	0.00
29) Terphenyl-d14	19.86	244	11218	0.50	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	11805	0.139	ng	98

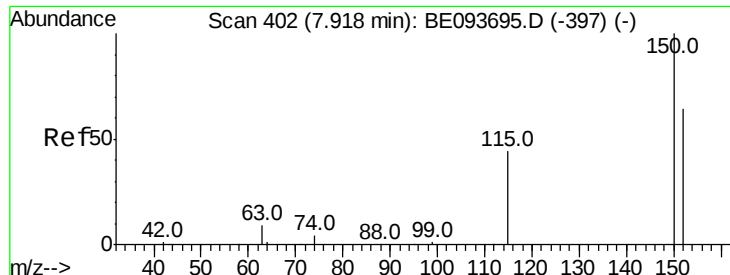
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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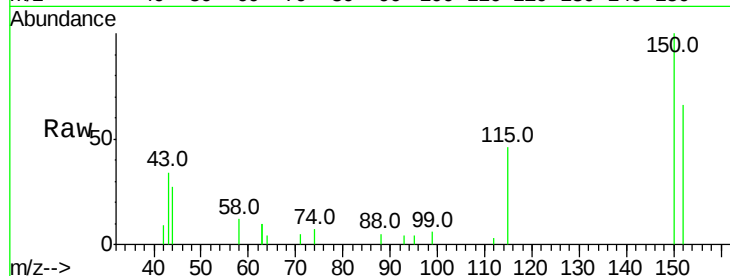


#1

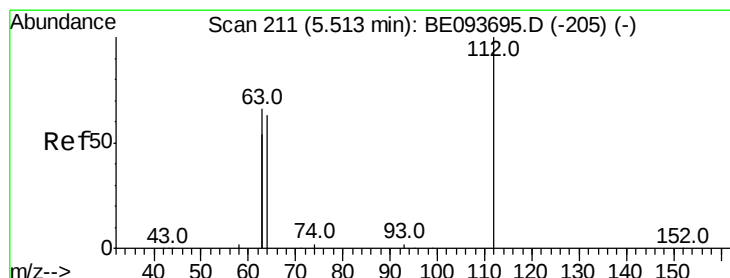
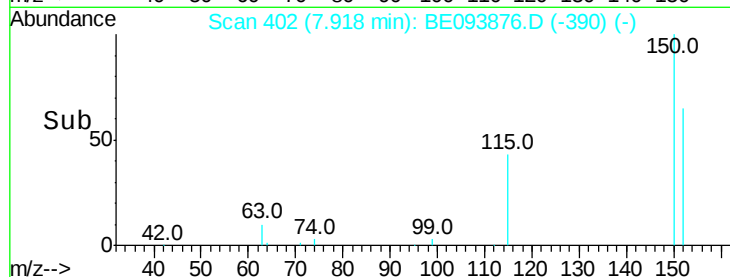
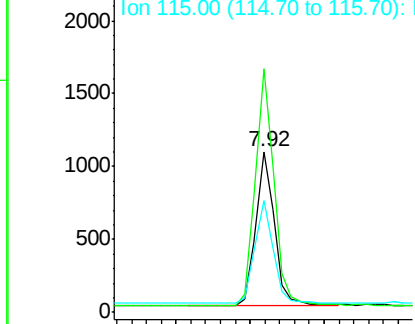
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

Instrument :
BNA_E
ClientSampleId :
KY038PS033-170816

Tot Ion:152 Resp: 1833
Ion Ratio Lower Upper
152 100
150 151.5 125.1 187.7
115 69.7 55.7 83.5



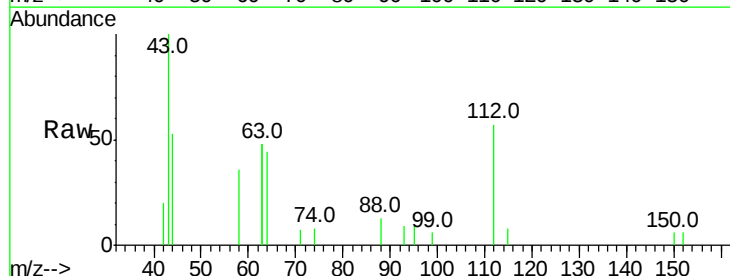
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



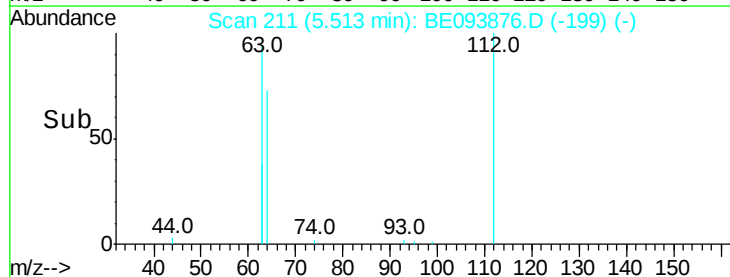
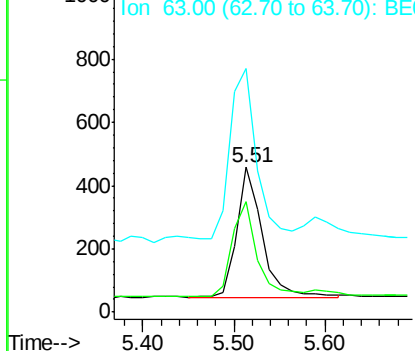
#4

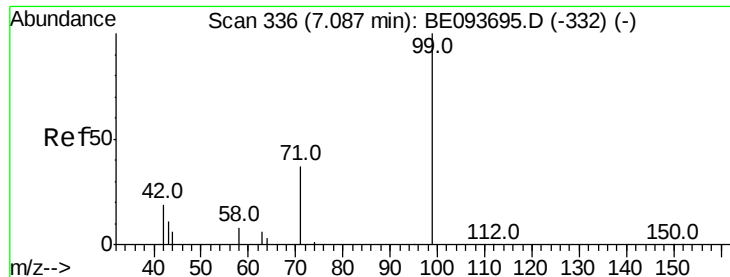
2-Fluorophenol
Concen: 0.136 ng
RT: 5.51 min Scan# 211
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

Tgt Ion:112 Resp: 807
Ion Ratio Lower Upper
112 100
64 72.9 56.4 84.6
63 134.1 29.3 43.9#



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: 0.076 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

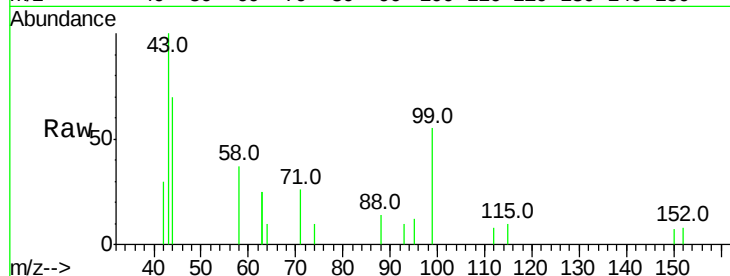
Tot Ion: 99 Resp: 688

Ion Ratio Lower Upper

99 100

42 26.5 0.0 0.0#

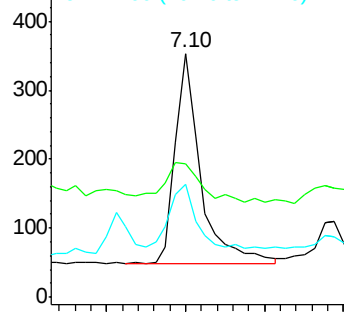
71 32.1 0.0 0.0#



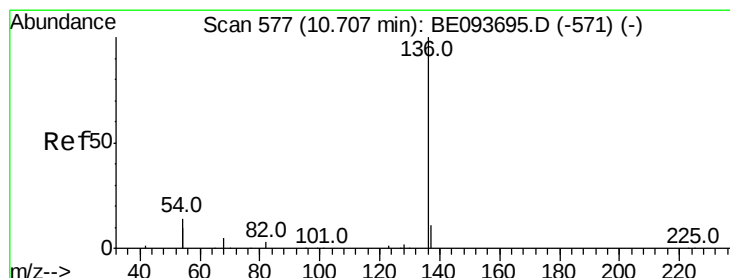
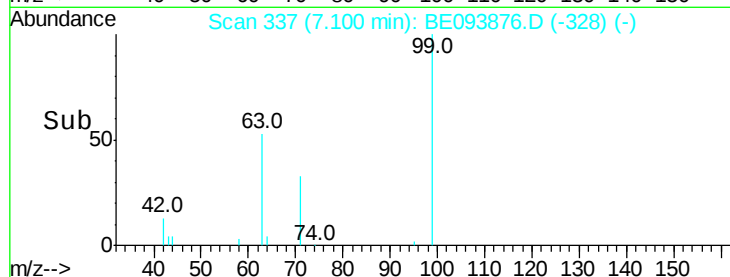
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Tgt Ion: 136 Resp: 8994

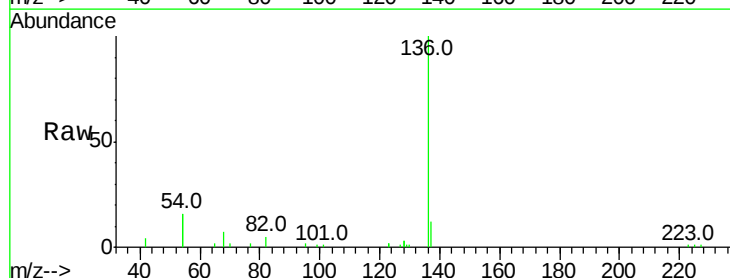
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 32.8 10.3 15.5#

68 6.7 9.0 13.4#

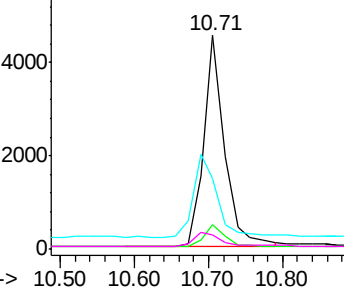


Abundance Ion 136.00 (135.70 to 136.70): E

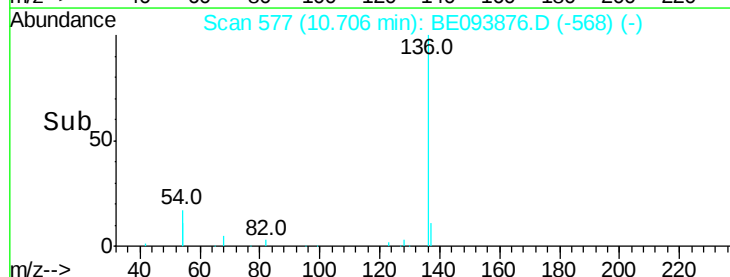
Ion 137.00 (136.70 to 137.70): E

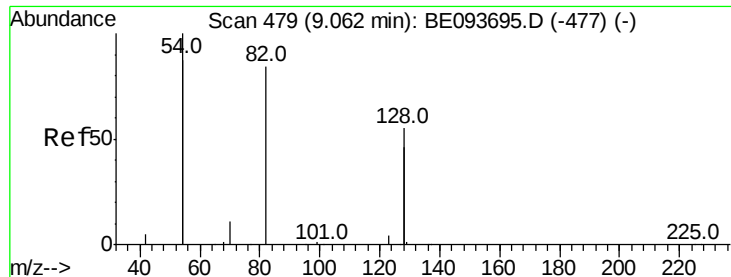
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.361 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

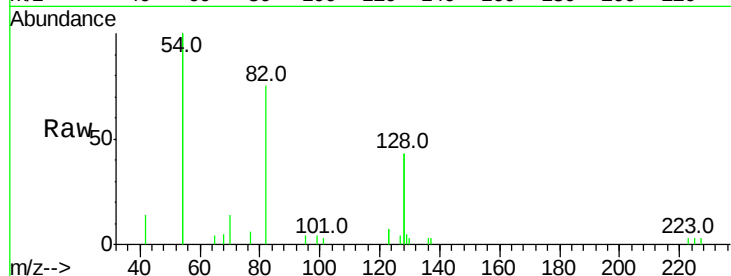
Tot Ion: 82 Resp: 2776

Ion Ratio Lower Upper

82 100

128 113.0 17.0 25.4#

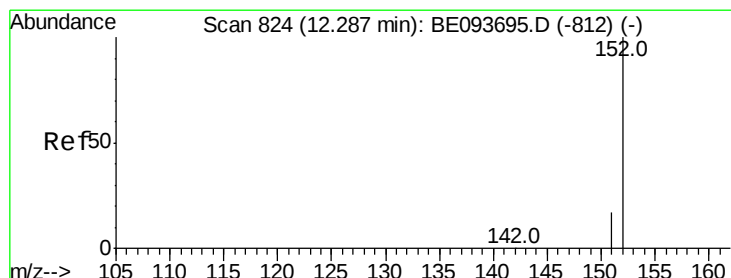
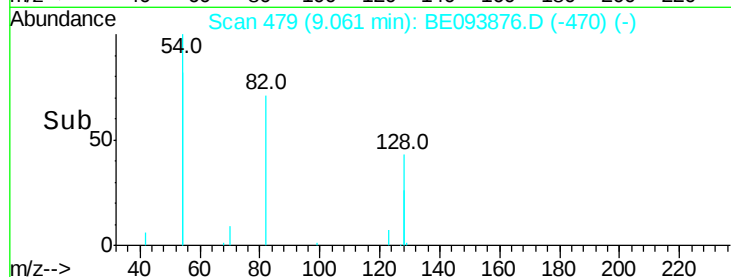
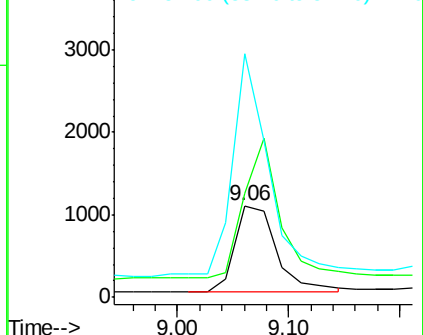
54 265.2 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093876.D (-470) (-)

Ion 128.00 (127.70 to 128.70): BE093876.D (-470) (-)

Ion 54.00 (53.70 to 54.70): BE093876.D (-470) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093876.D

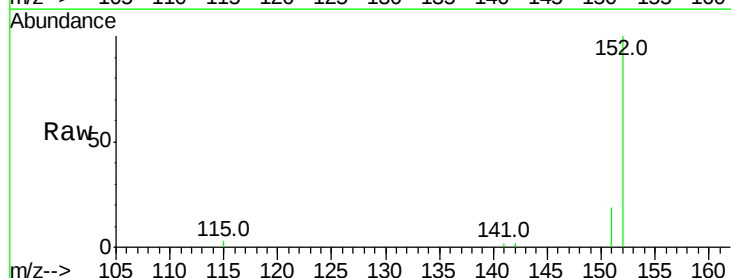
Acq: 22 Aug 2017 15:23

Tgt Ion: 152 Resp: 4974

Ion Ratio Lower Upper

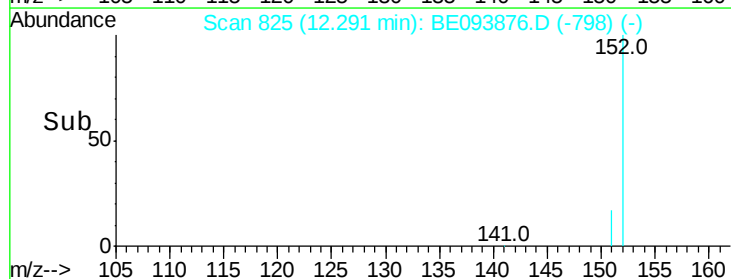
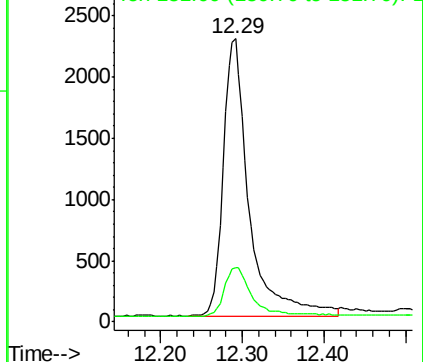
152 100

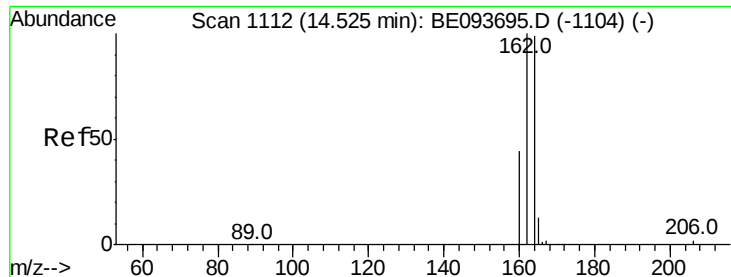
151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093876.D (-798) (-)

Ion 151.00 (150.70 to 151.70): BE093876.D (-798) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

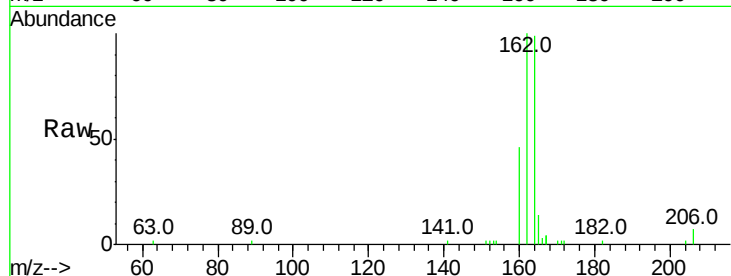
Tot Ion:164 Resp: 5158

Ion Ratio Lower Upper

164 100

162 101.2 84.6 127.0

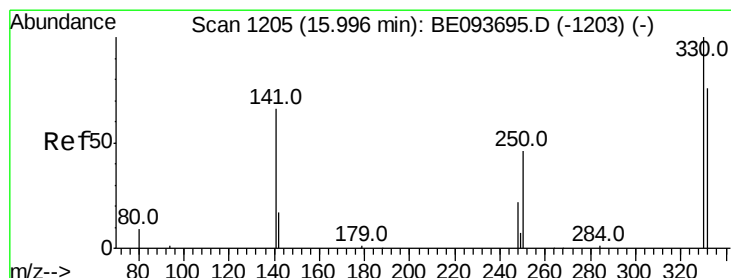
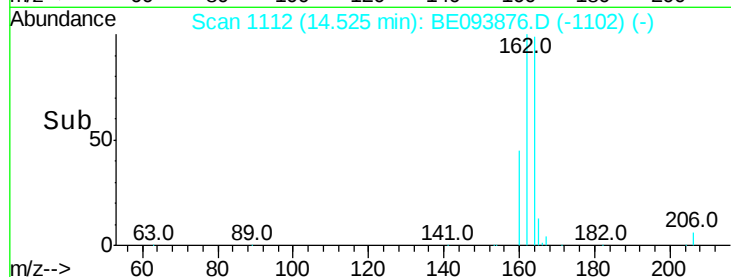
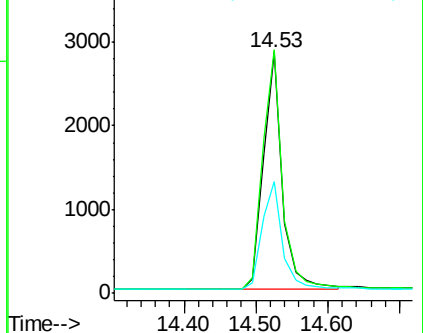
160 46.5 41.8 62.6



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: 0.306 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.03 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

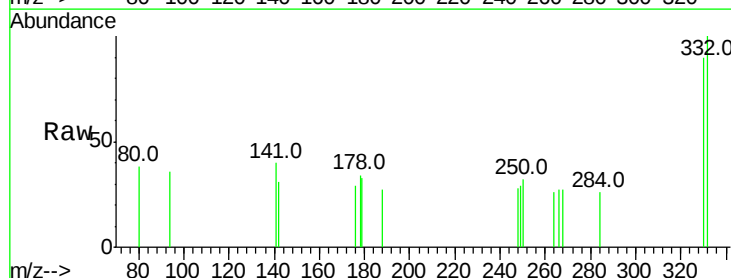
Tgt Ion:330 Resp: 432

Ion Ratio Lower Upper

330 100

332 98.1 77.7 116.5

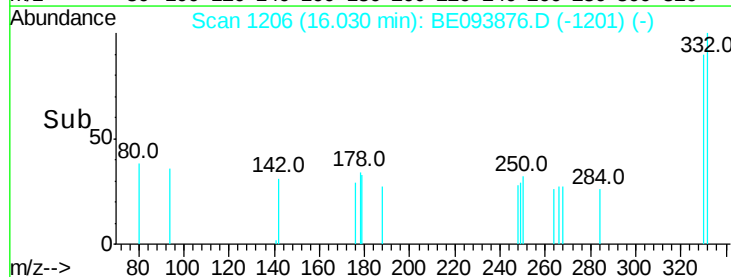
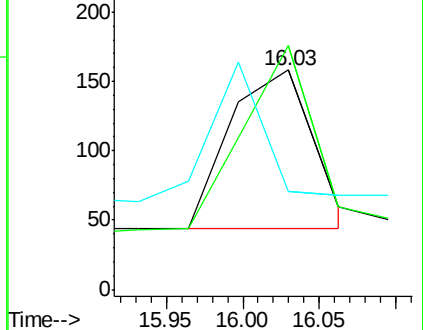
141 0.0 56.2 84.4#

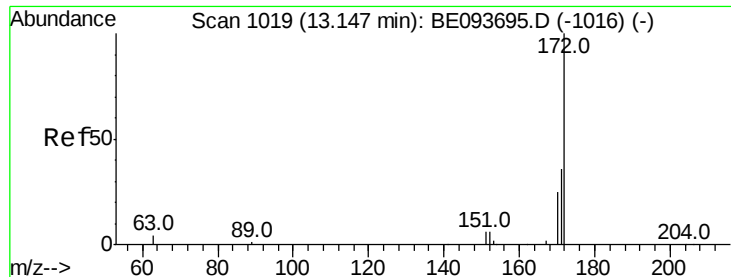


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

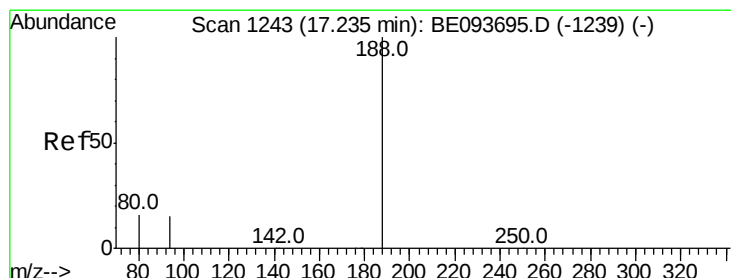
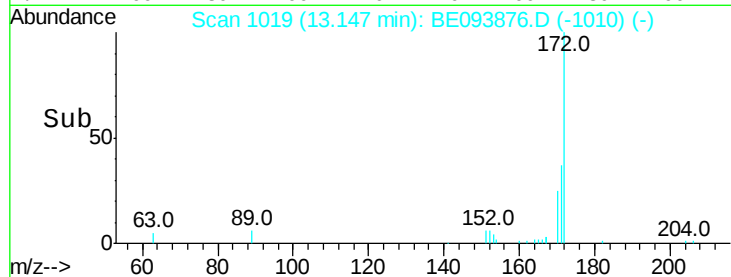
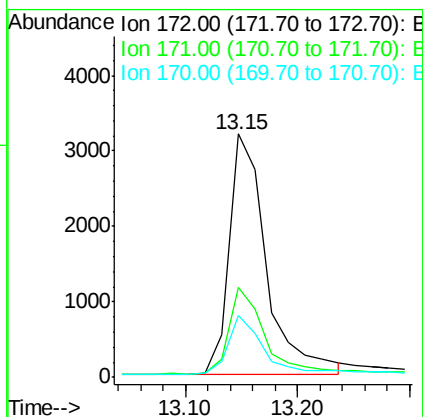
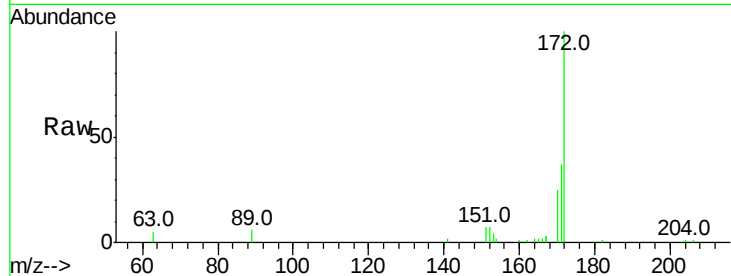




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

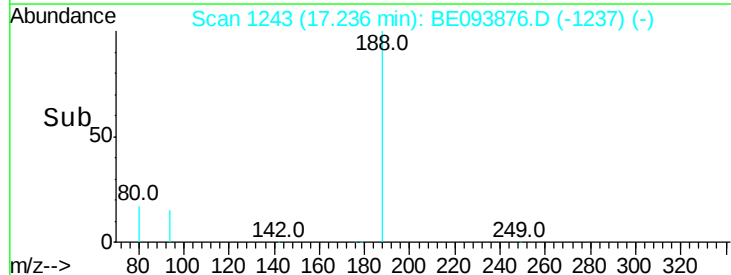
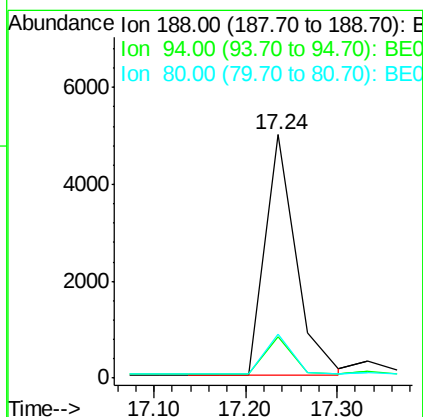
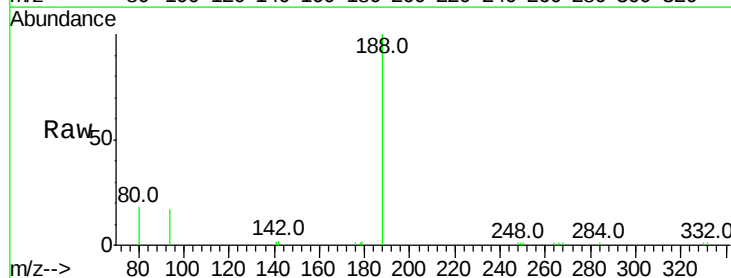
Instrument :
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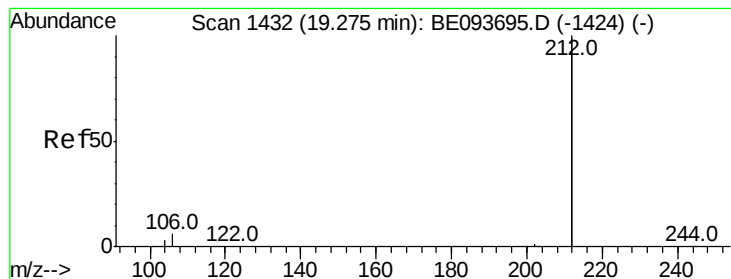
Tot Ion:172 Resp: 7325
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 25.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093876.D
Acq: 22 Aug 2017 15:23

Tgt Ion:188 Resp: 11723
Ion Ratio Lower Upper
188 100
94 16.8 11.3 16.9
80 18.0 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

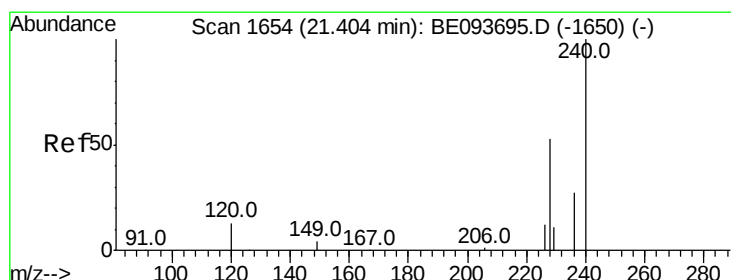
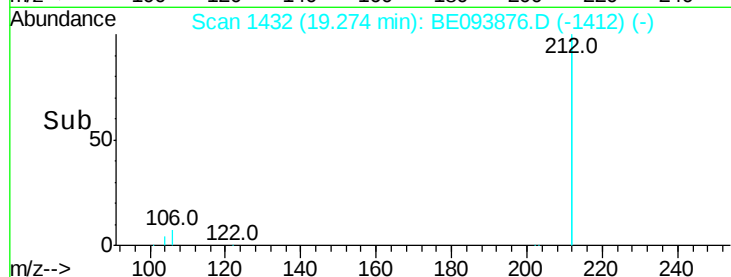
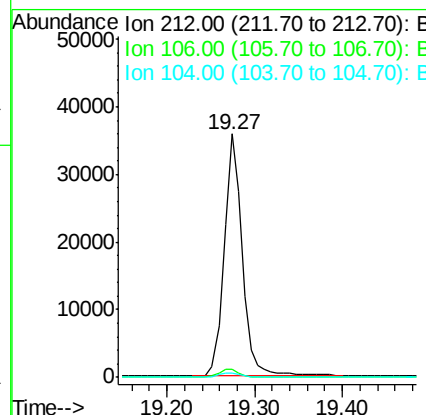
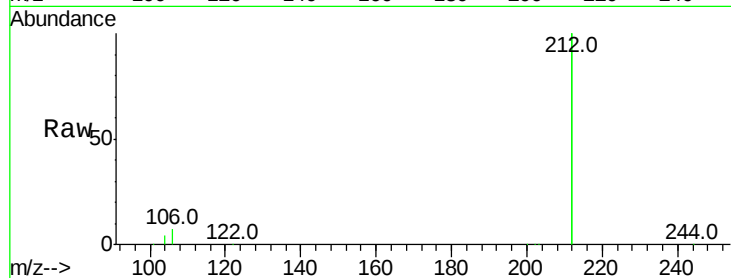
Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

Tot Ion:212	Resp:	51395
Ion Ratio	Lower	Upper
212	100	
106	3.5	2.4 3.6
104	2.1	1.6 2.4



#27

Chrysene-d12

Concen: 0.400 ng

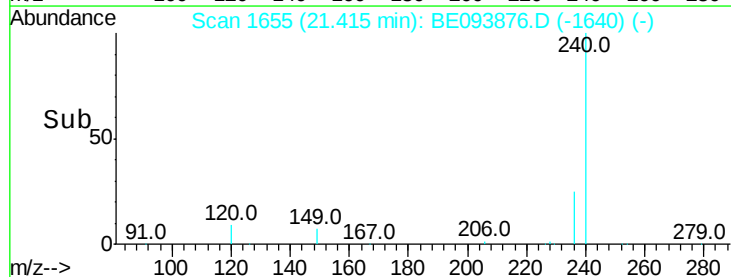
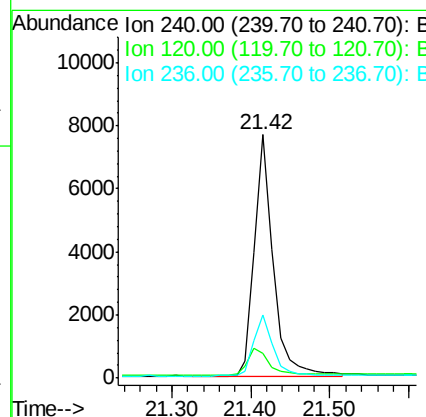
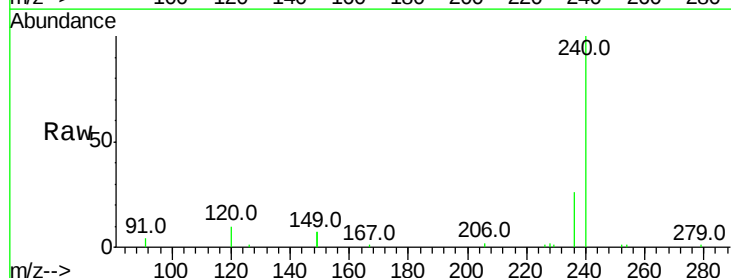
RT: 21.42 min Scan# 1655

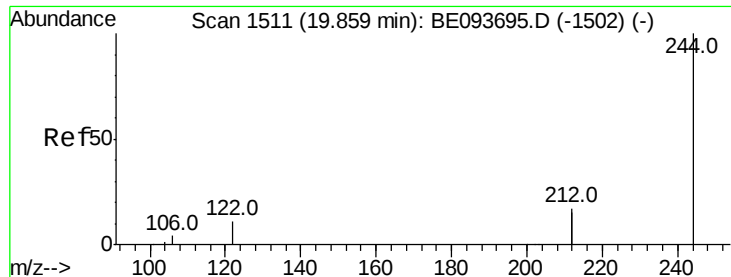
Delta R.T. 0.01 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Tgt Ion:240	Resp:	12509
Ion Ratio	Lower	Upper
240	100	
120	10.2	4.6 7.0#
236	25.8	20.8 31.2





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

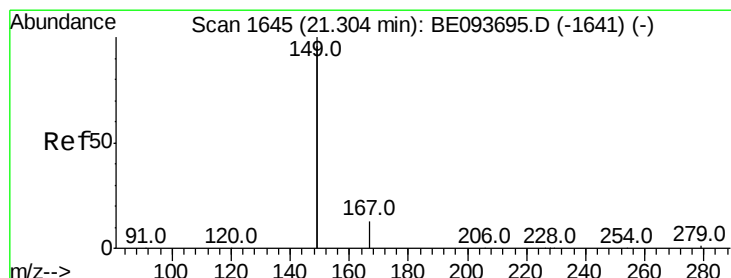
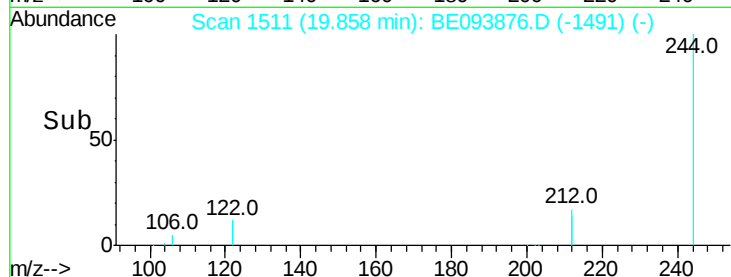
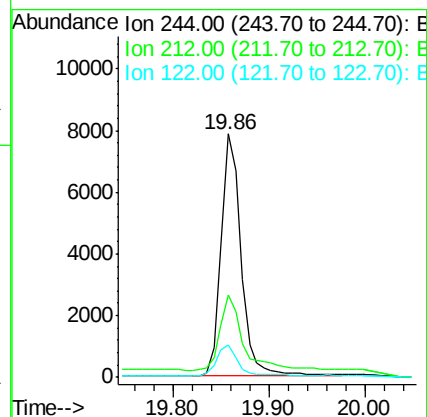
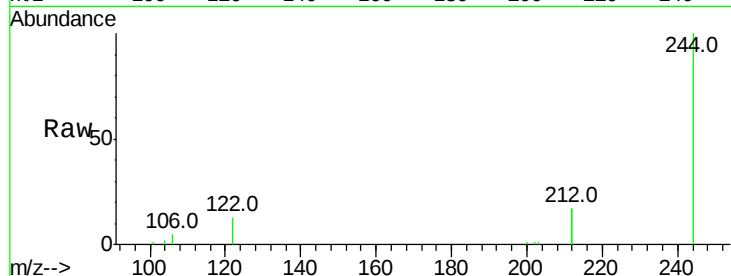
Tot Ion:244 Resp: 11218

Ion Ratio Lower Upper

244 100

212 34.0 10.6 16.0#

122 13.1 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.139 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

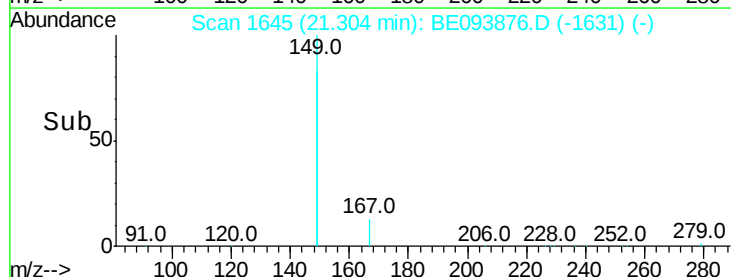
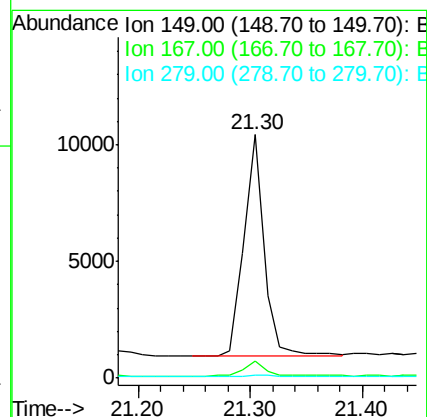
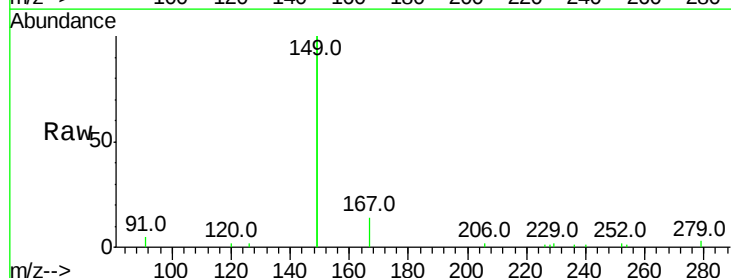
Tgt Ion:149 Resp: 11805

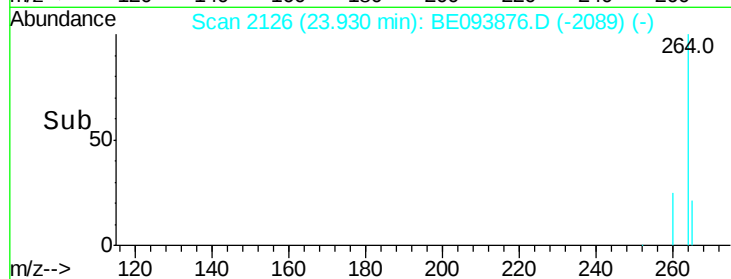
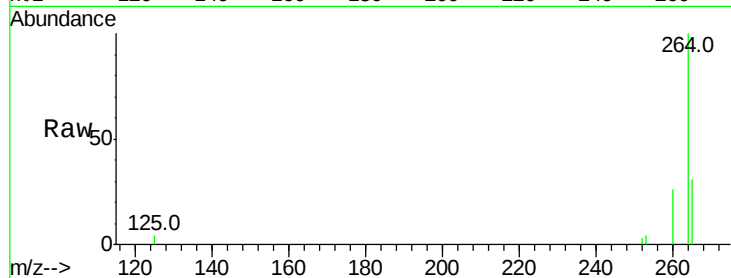
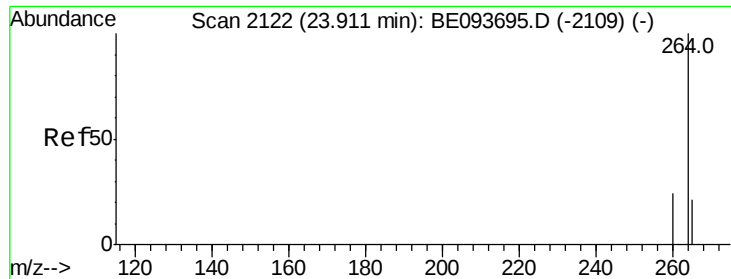
Ion Ratio Lower Upper

149 100

167 6.9 4.8 7.2

279 0.9 0.8 1.2





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. 0.02 min

Lab File: BE093876.D

Acq: 22 Aug 2017 15:23

Instrument :

BNA_E

ClientSampleId :

KY038PS033-170816

Tot Ion:264 Resp: 10604

Ion Ratio Lower Upper

264 100

260 26.2 21.0 31.4

265 30.9 24.6 36.8

