

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093925.D
 Acq On : 2 Sep 2017 8:22
 Operator : SJ/JU
 Sample : I4963-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3832-PA3-DUP

Quant Time: Sep 04 01:50:31 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

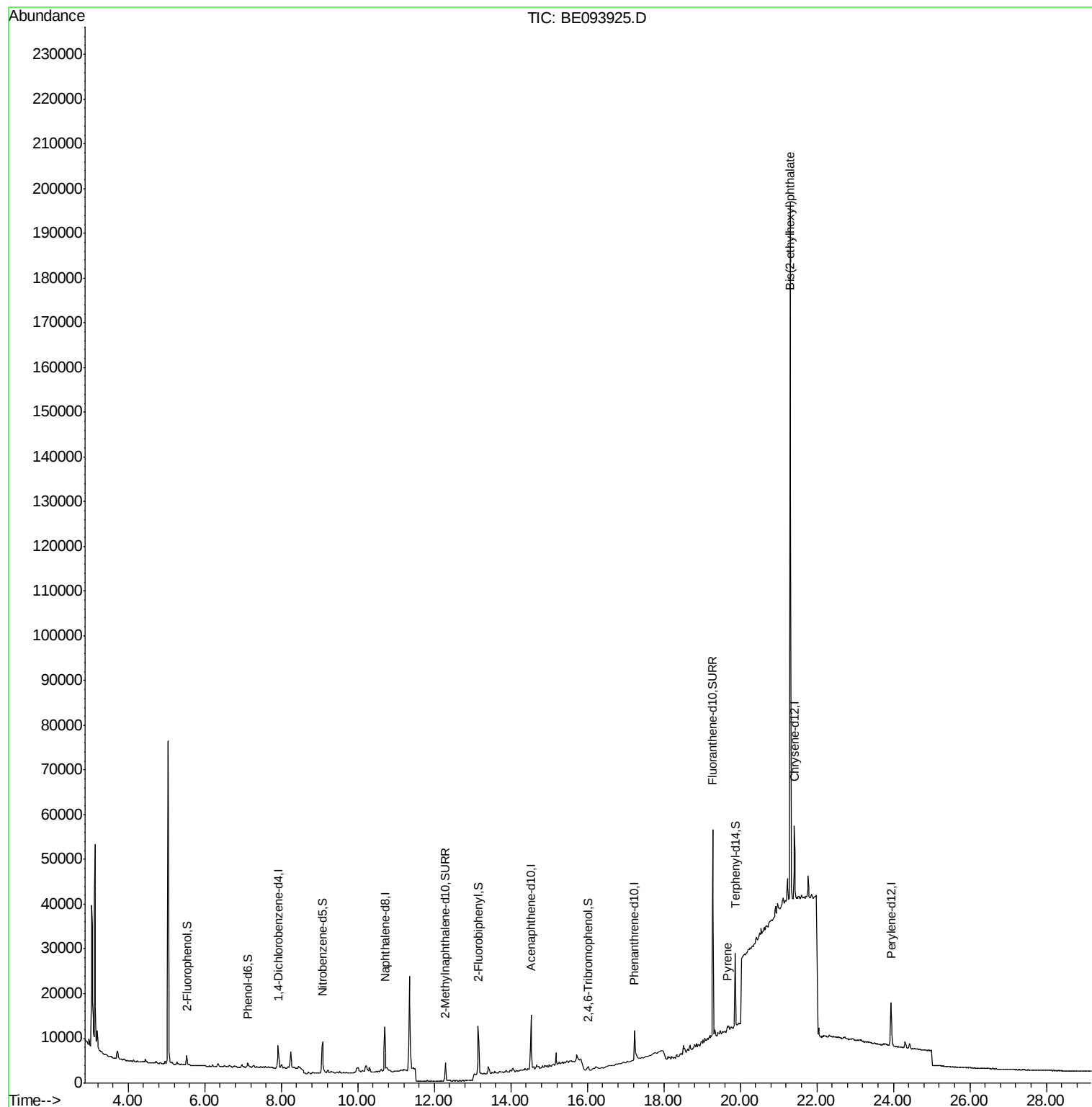
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2379	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12114	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7399	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	11045	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17355	0.40	ng	0.00
34) Perylene-d12	23.94	264	15207	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1176	0.16	ng	0.01
5) Phenol-d6	7.13	99	1225	0.11	ng	0.04
8) Nitrobenzene-d5	9.08	82	3579	0.35	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	6065	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	835	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11699	0.40	ng	-0.01
25) Fluoranthene-d10	19.28	212	62373	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	14803	0.47	ng	0.00
Target Compounds						
28) Pyrene	19.67	202	1183	0.020	ng	Qvalue # 53
32) Bis(2-ethylhexyl)phthalate	21.30	149	181888	1.674	ng	99

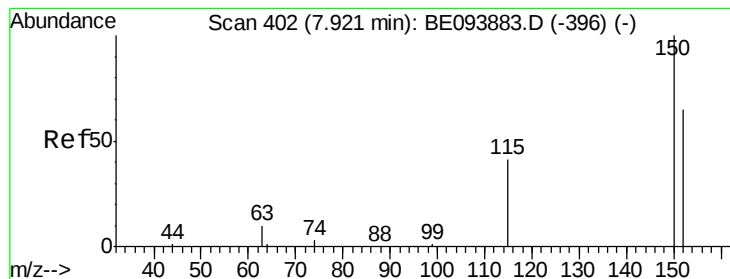
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

BNA_E

ClientSampleId :

3832-PA3-DUP

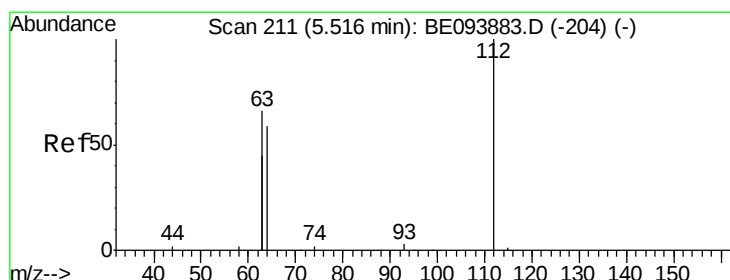
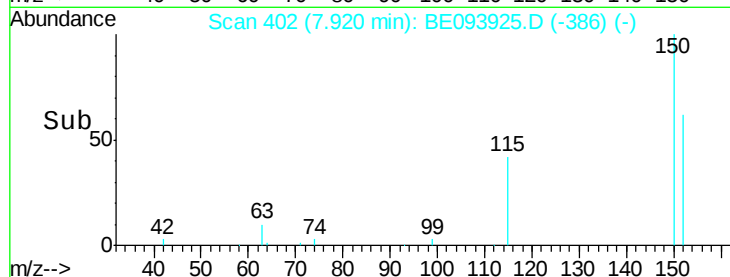
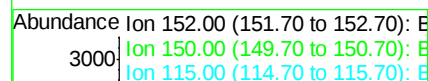
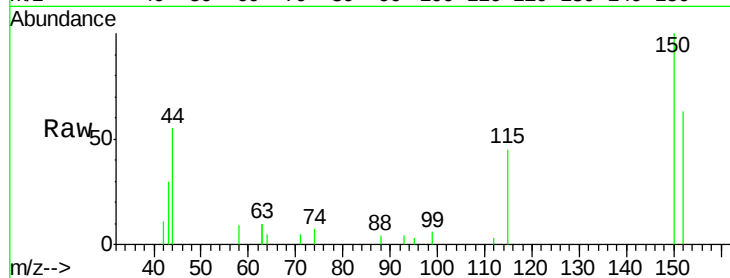
Tgt Ion:152 Resp: 2379

Ion Ratio Lower Upper

152 100

150 157.6 121.8 182.6

115 71.2 52.6 79.0



#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

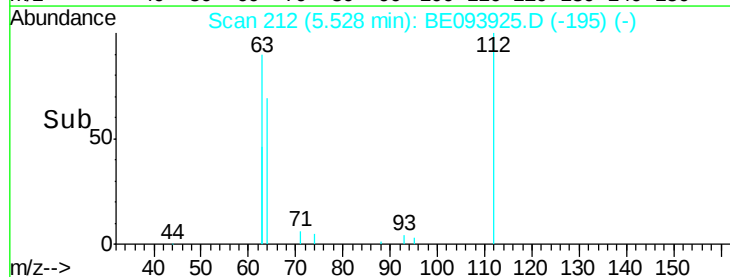
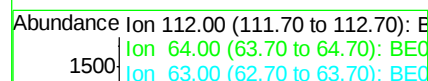
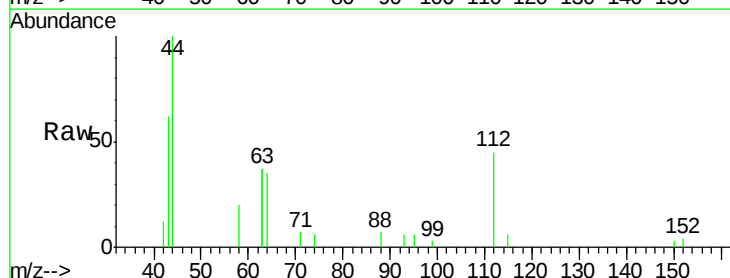
Tgt Ion:112 Resp: 1176

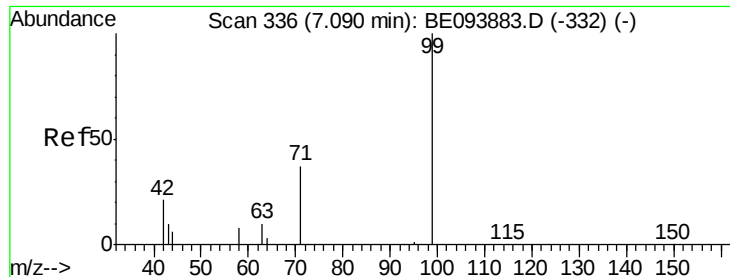
Ion Ratio Lower Upper

112 100

64 71.9 57.7 86.5

63 144.9 116.0 174.0





#5

Phenol-d6

Concen: 0.109 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.04 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

BNA_E

ClientSampleId :

3832-PA3-DUP

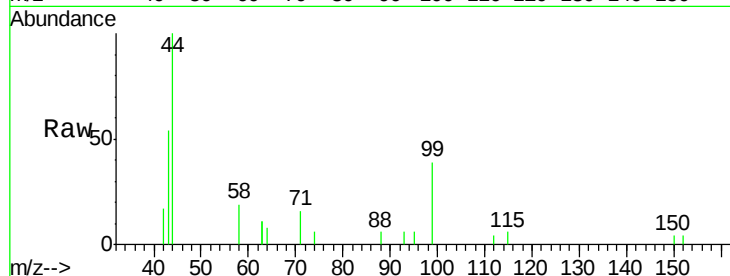
Tgt Ion: 99 Resp: 1225

Ion Ratio Lower Upper

99 100

42 17.9 17.1 25.7

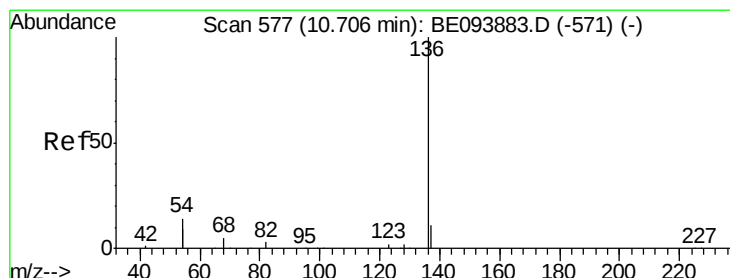
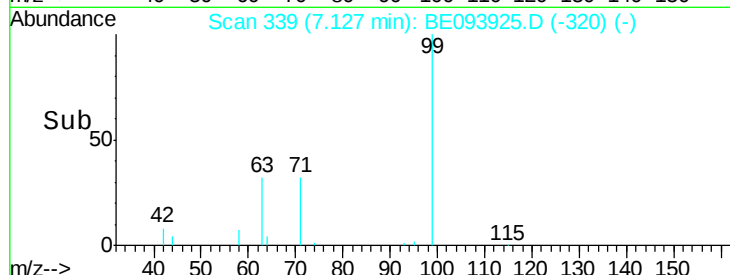
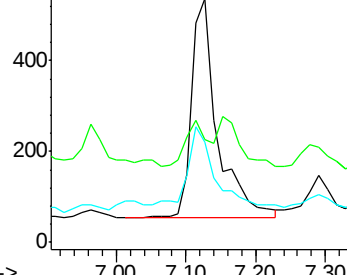
71 41.2 26.6 39.8#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Tgt Ion: 136 Resp: 12114

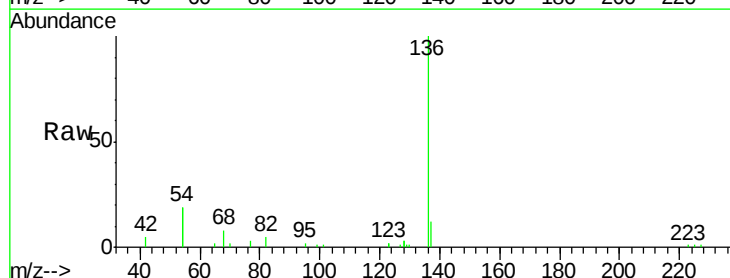
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 37.8 21.9 32.9#

68 7.9 4.6 7.0#

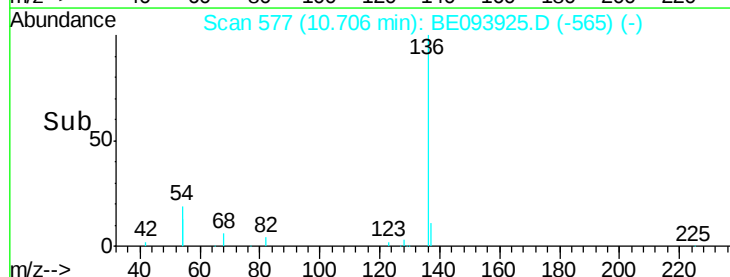
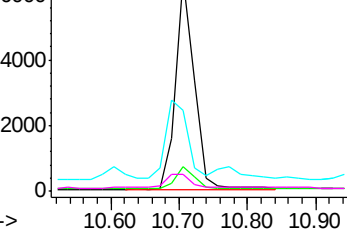


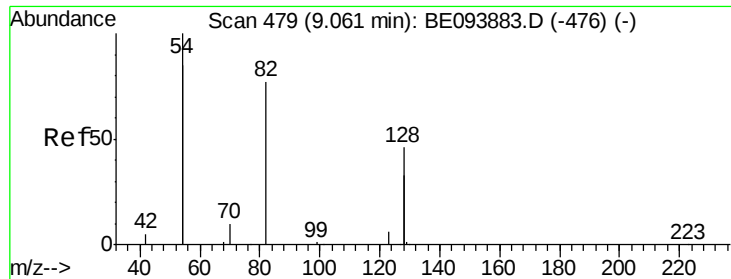
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.355 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

BNA_E

ClientSampleId :

3832-PA3-DUP

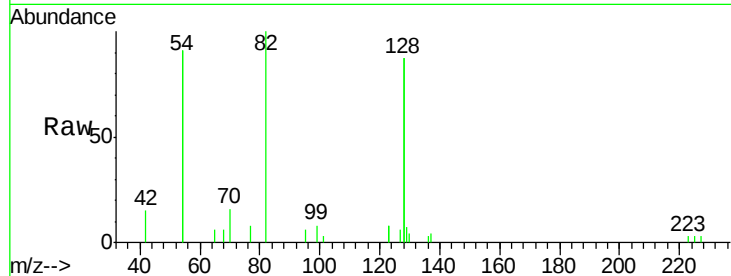
Tgt Ion: 82 Resp: 3579

Ion Ratio Lower Upper

82 100

128 173.4 91.4 137.0#

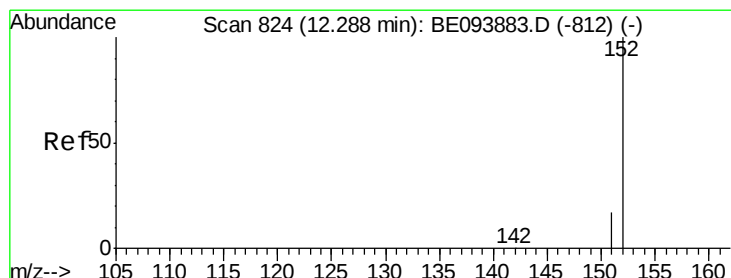
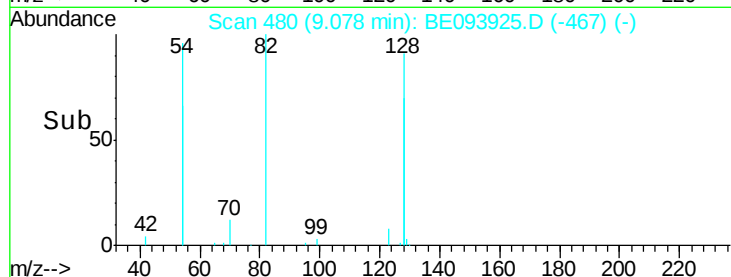
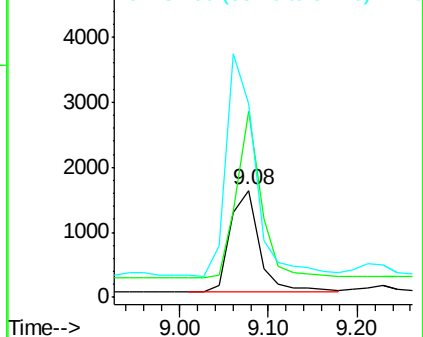
54 181.3 197.8 296.8#



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: 0.317 ng

RT: 12.29 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE093925.D

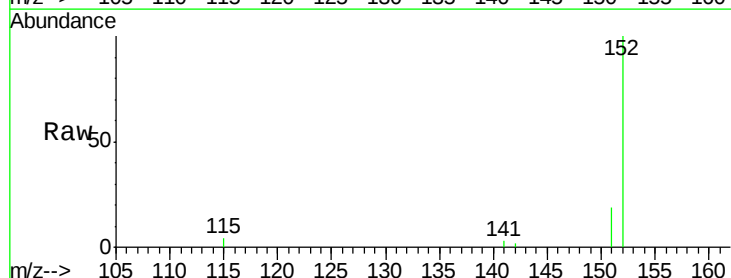
Acq: 2 Sep 2017 8:22

Tgt Ion: 152 Resp: 6065

Ion Ratio Lower Upper

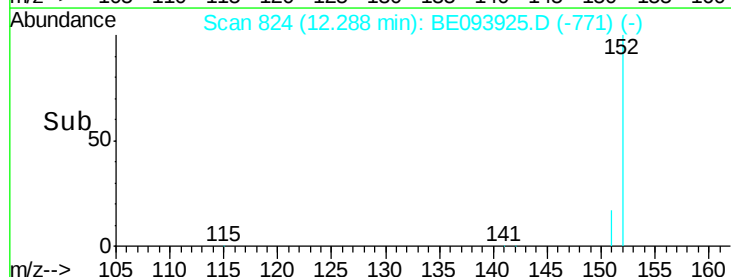
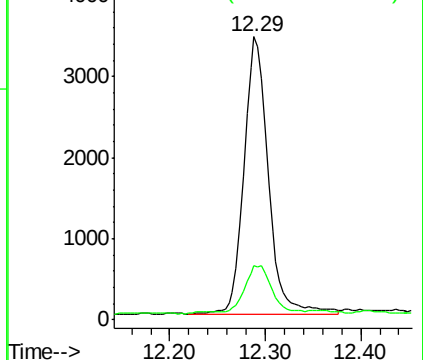
152 100

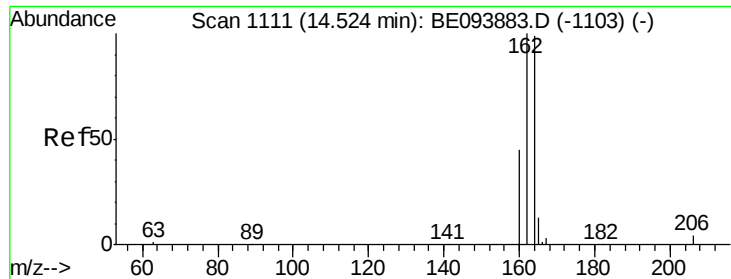
151 19.7 15.4 23.0



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

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

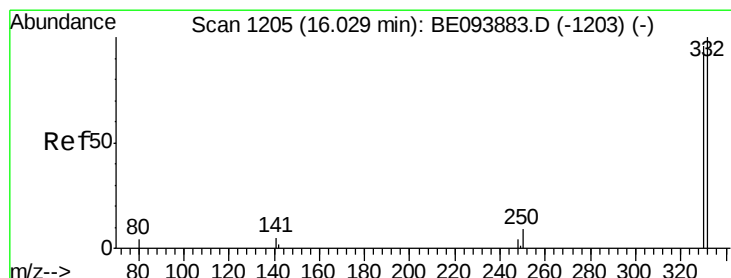
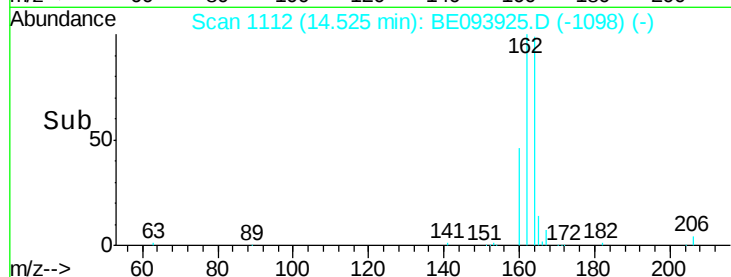
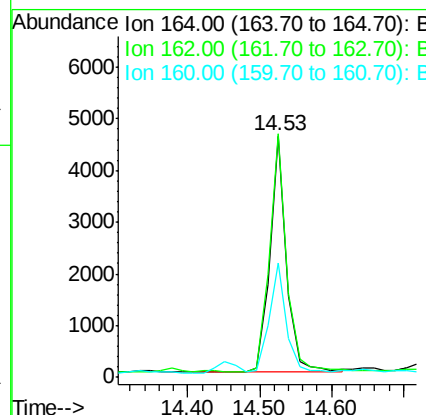
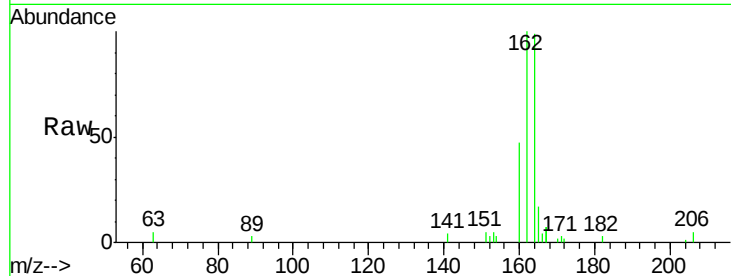




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

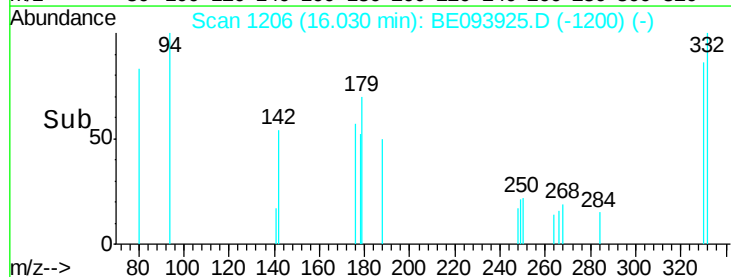
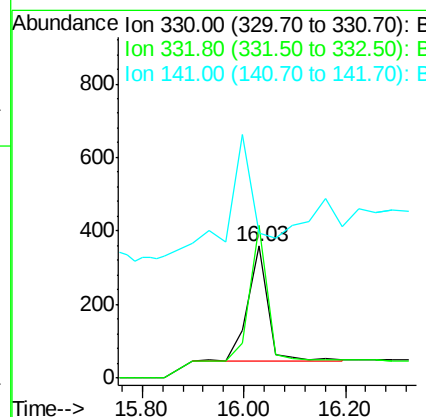
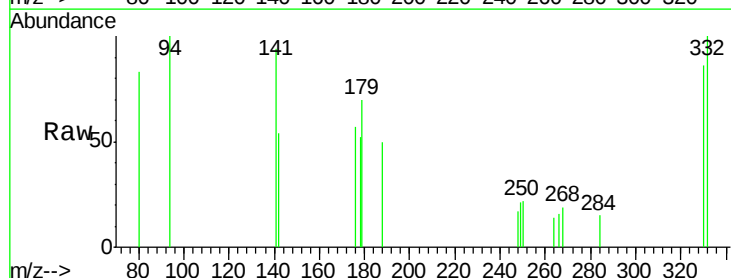
Instrument :
BNA_E
ClientSampleId :
3832-PA3-DUP

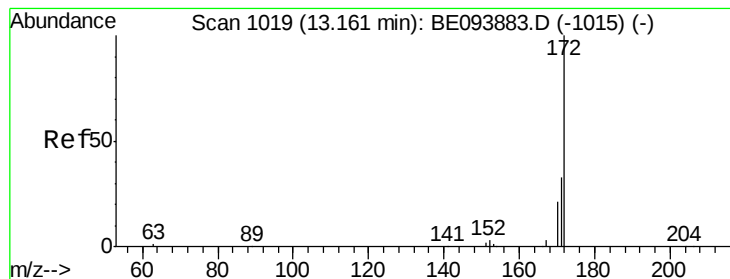
Tgt Ion:164 Resp: 7399
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 47.1 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.421 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE093925.D
Acq: 2 Sep 2017 8:22

Tgt Ion:330 Resp: 835
Ion Ratio Lower Upper
330 100
332 104.7 76.9 115.3
141 0.0 0.0 0.0





#15

2-Fluorobiphenyl

Concen: 0.397 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

BNA_E

ClientSampleId :

3832-PA3-DUP

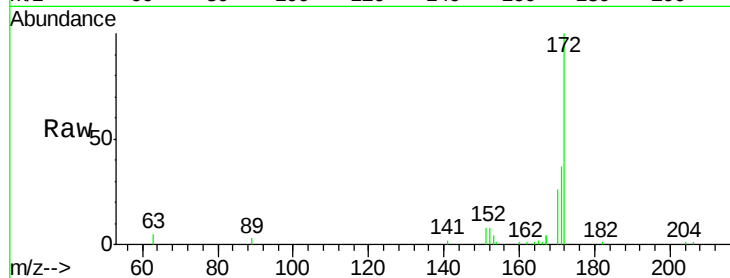
Tgt Ion:172 Resp: 11699

Ion Ratio Lower Upper

172 100

171 37.1 26.9 40.3

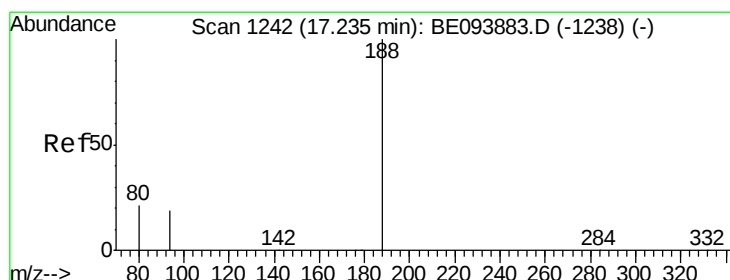
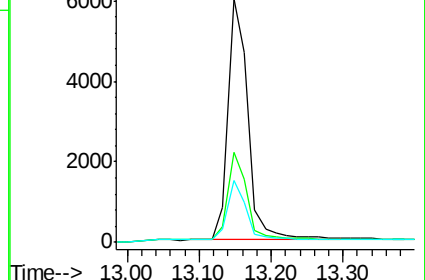
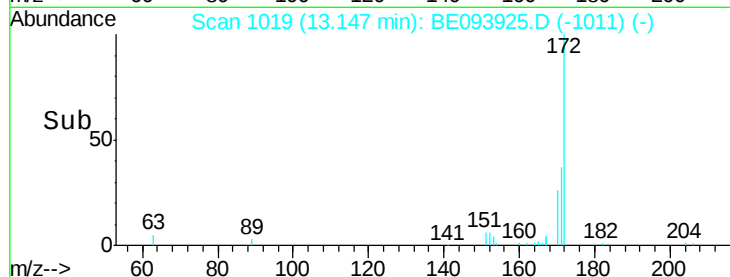
170 25.6 17.3 25.9



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: BE093925.D

Acq: 2 Sep 2017 8:22

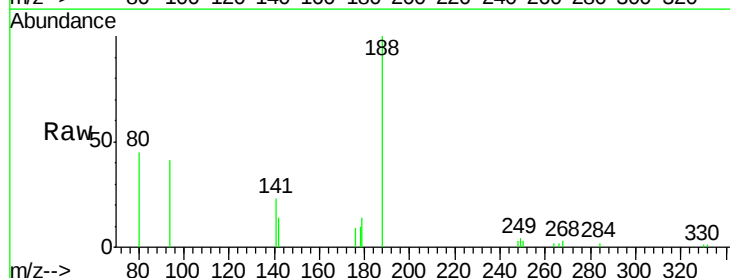
Tgt Ion:188 Resp: 11045

Ion Ratio Lower Upper

188 100

94 41.5 16.1 24.1#

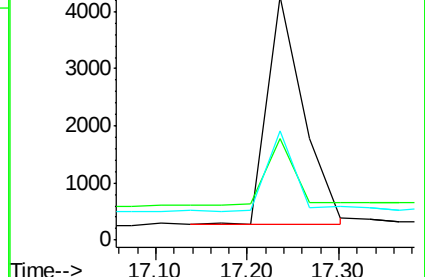
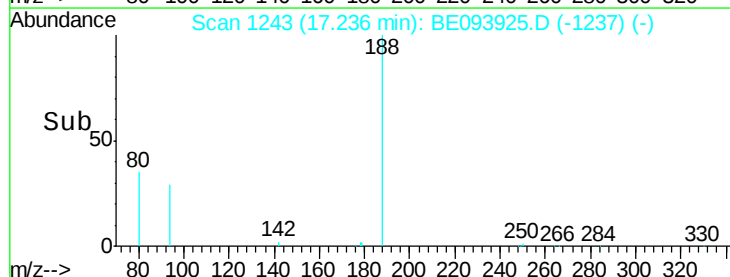
80 44.8 18.2 27.2#

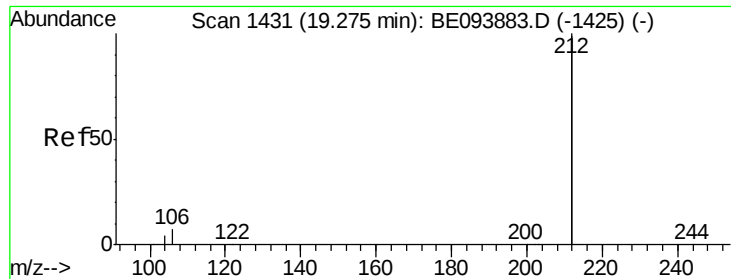


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.490 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

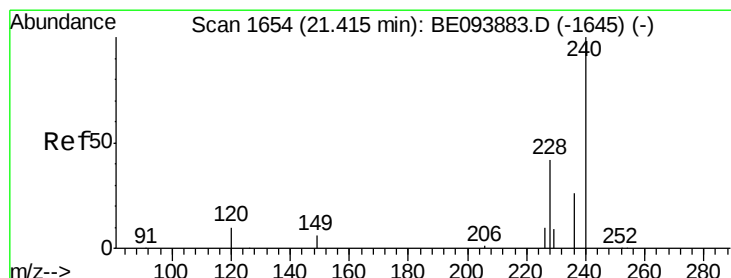
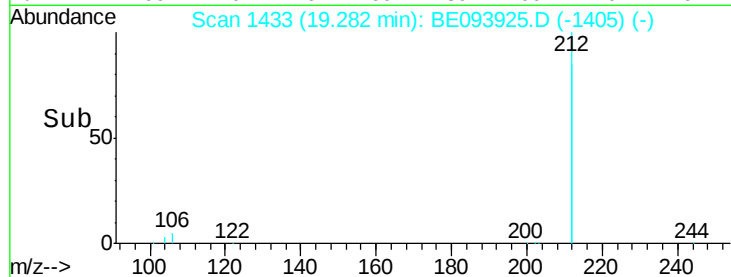
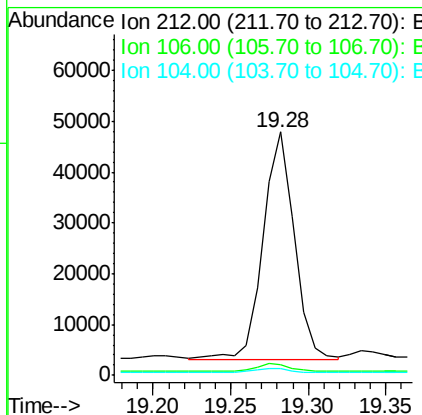
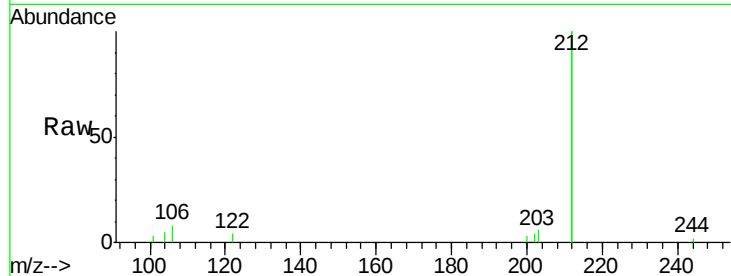
BNA_E

ClientSampleId :

3832-PA3-DUP

Tgt Ion:212 Resp: 62373

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	2.1	1.6	2.4



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1655

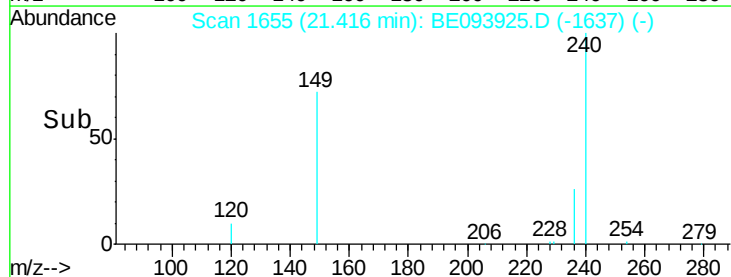
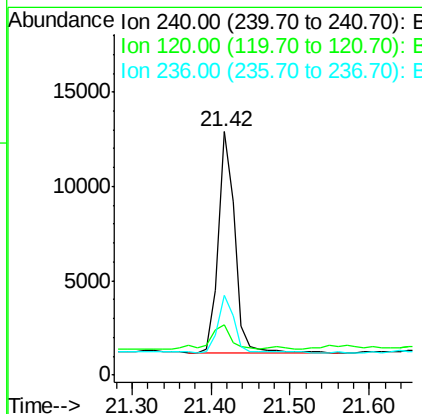
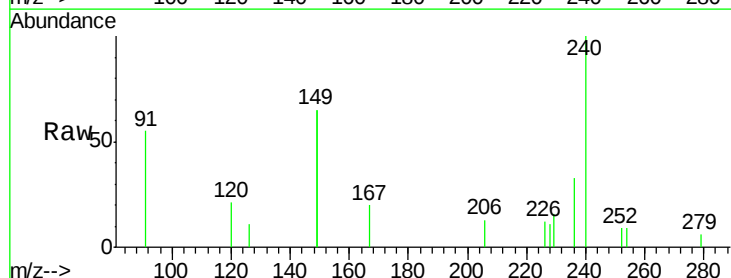
Delta R.T. 0.00 min

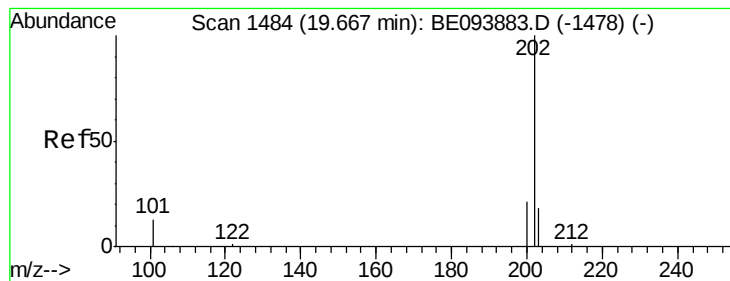
Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Tgt Ion:240 Resp: 17355

Ion	Ratio	Lower	Upper
240	100		
120	20.8	8.7	13.1#
236	32.9	21.3	31.9#





#28

Pyrene

Concen: 0.020 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

Instrument :

BNA_E

ClientSampleId :

3832-PA3-DUP

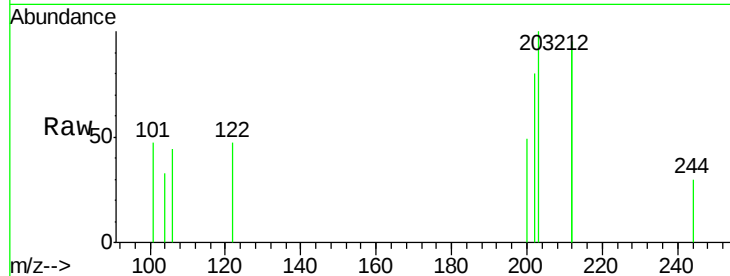
Tgt Ion:202 Resp: 1183

Ion Ratio Lower Upper

202 100

200 29.9 16.6 24.8#

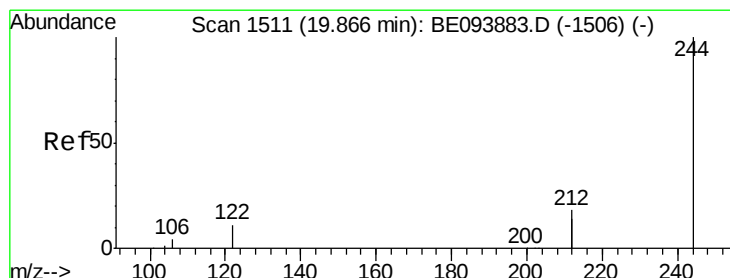
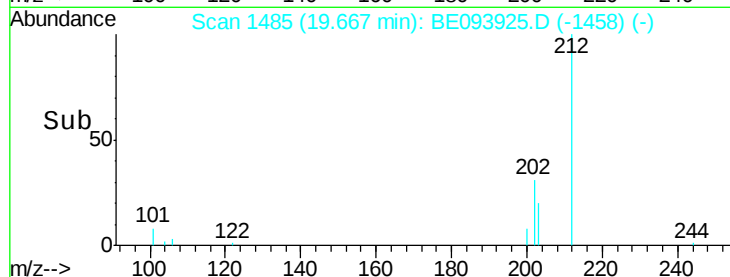
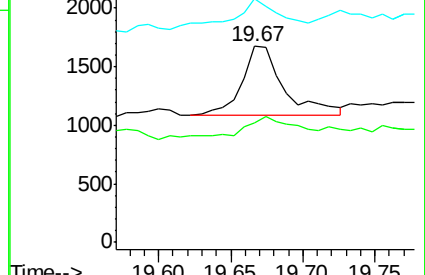
203 52.8 14.2 21.4#



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



#29

Terphenyl-d14

Concen: 0.471 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093925.D

Acq: 2 Sep 2017 8:22

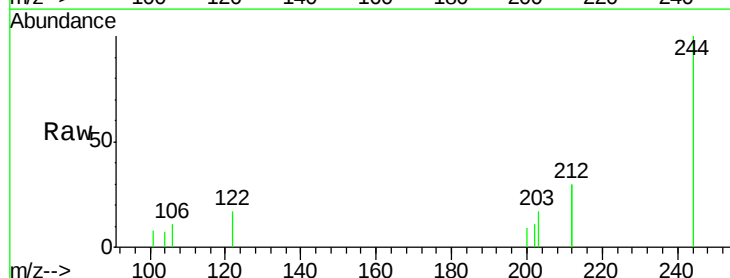
Tgt Ion:244 Resp: 14803

Ion Ratio Lower Upper

244 100

212 59.0 28.3 42.5#

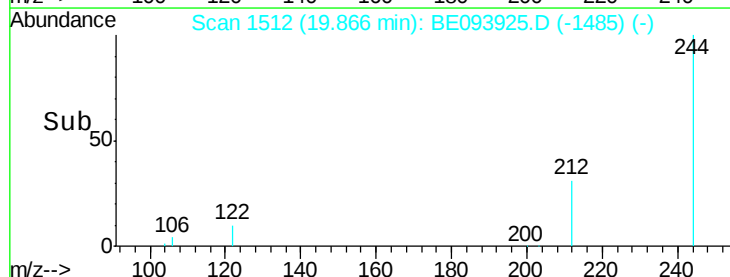
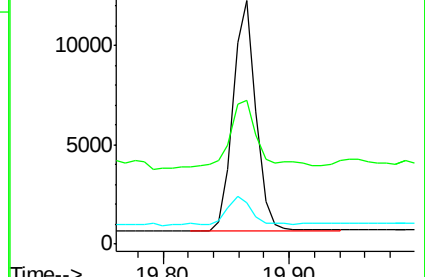
122 17.1 9.4 14.0#

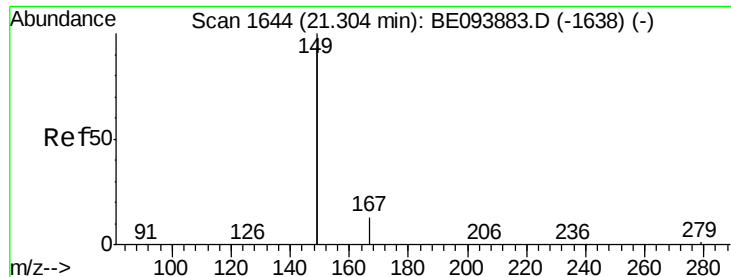


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

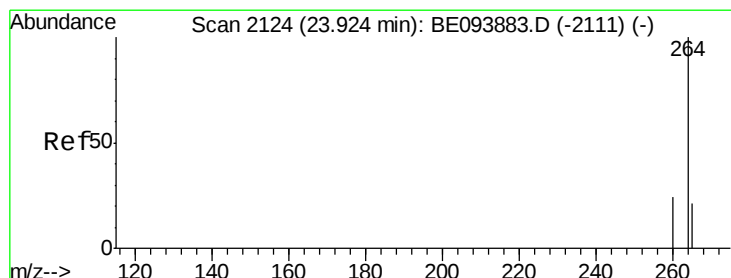
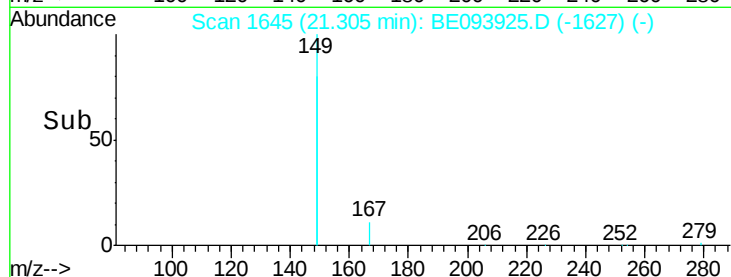
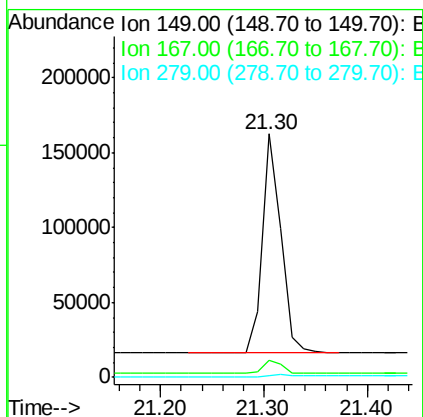
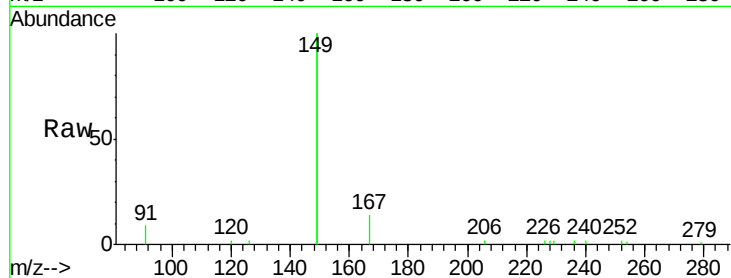




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.674 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE093925.D
 Acq: 2 Sep 2017 8:22

Instrument :
 BNA_E
 ClientSampleId :
 3832-PA3-DUP

Tgt Ion:149 Resp: 181888
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 0.9 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2127
 Delta R.T. 0.01 min
 Lab File: BE093925.D
 Acq: 2 Sep 2017 8:22

Tgt Ion:264 Resp: 15207
 Ion Ratio Lower Upper
 264 100
 260 30.3 20.0 30.0#
 265 52.9 24.0 36.0#

