

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093926.D
 Acq On : 2 Sep 2017 9:01
 Operator : SJ/JU
 Sample : I4963-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3833-PA4

Quant Time: Sep 04 01:58:39 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

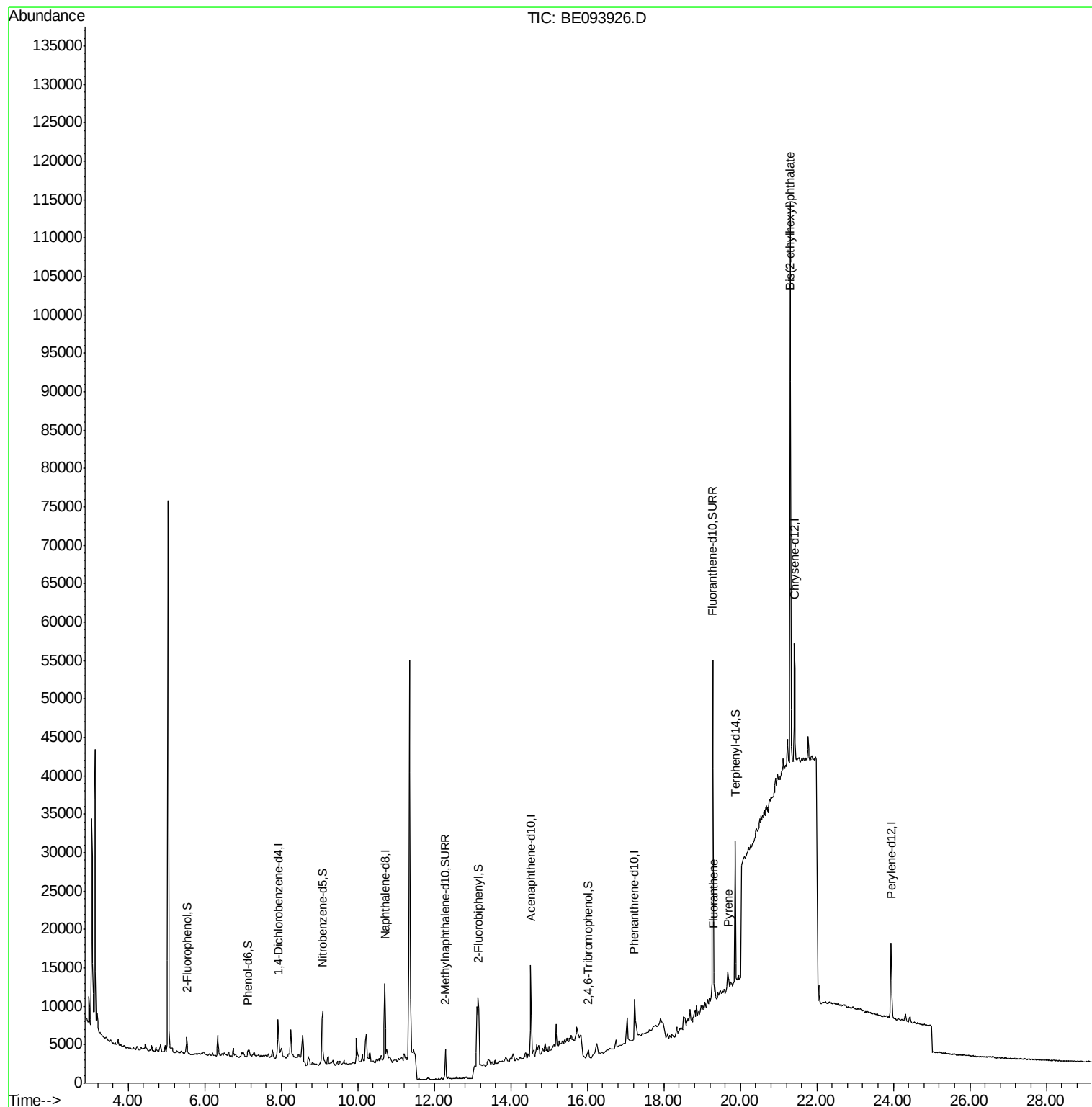
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2343	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11916	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	7079	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	9898	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17128	0.40	ng	0.00
34) Perylene-d12	23.94	264	14623	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1108	0.15	ng	0.01
5) Phenol-d6	7.13	99	1501	0.14	ng	0.04
8) Nitrobenzene-d5	9.08	82	3404	0.34	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	5767	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	941	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	9838	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	58074	0.51	ng	0.00
29) Terphenyl-d14	19.87	244	15913	0.51	ng	0.00
Target Compounds						
26) Fluoranthene	19.31	202	1954	0.057	ng	Qvalue # 75
28) Pyrene	19.67	202	2601	0.045	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.30	149	90158	0.841	ng	100

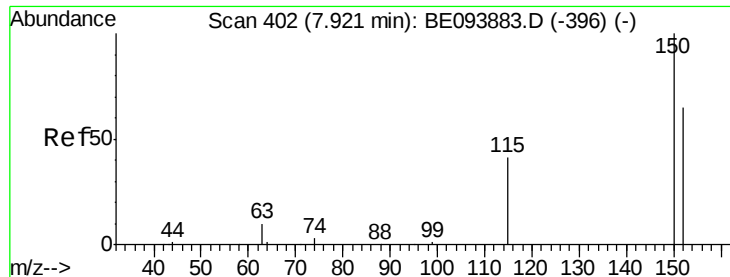
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

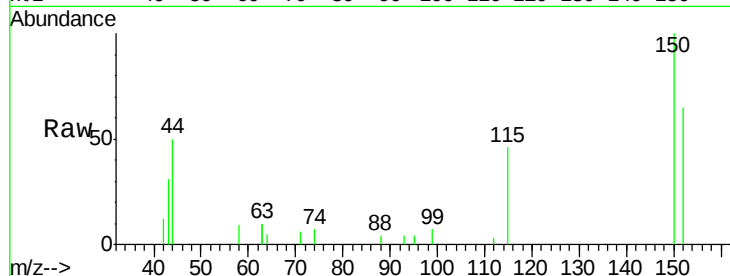
Tgt Ion:152 Resp: 2343

Ion Ratio Lower Upper

152 100

150 155.0 121.8 182.6

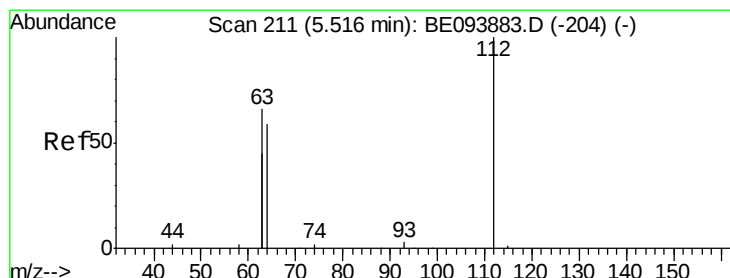
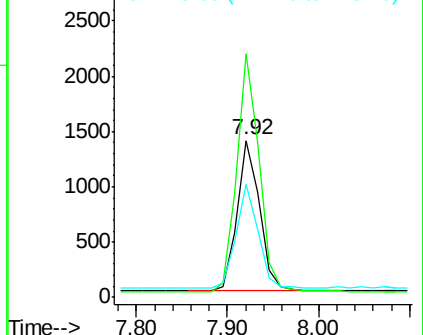
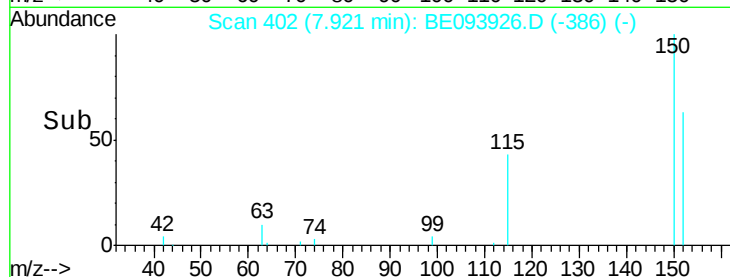
115 71.6 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

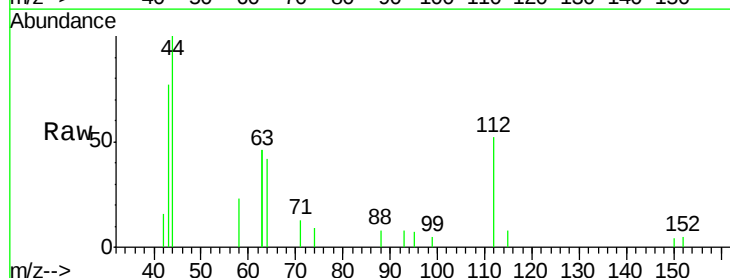
Tgt Ion:112 Resp: 1108

Ion Ratio Lower Upper

112 100

64 71.8 57.7 86.5

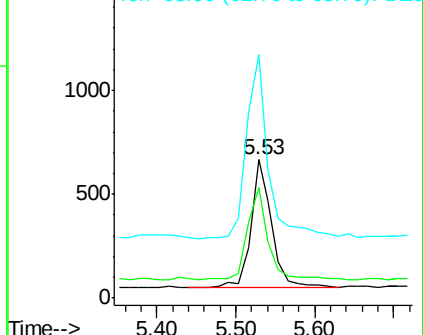
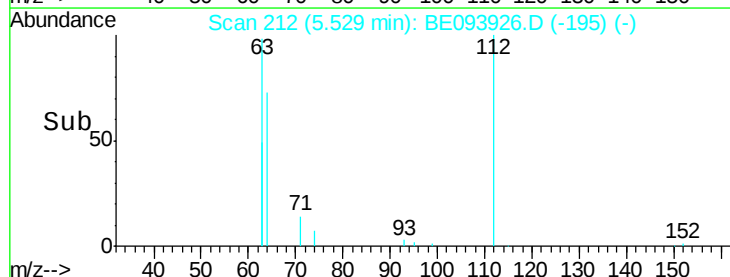
63 155.4 116.0 174.0

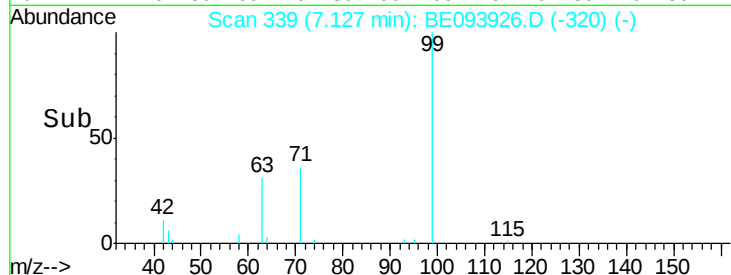
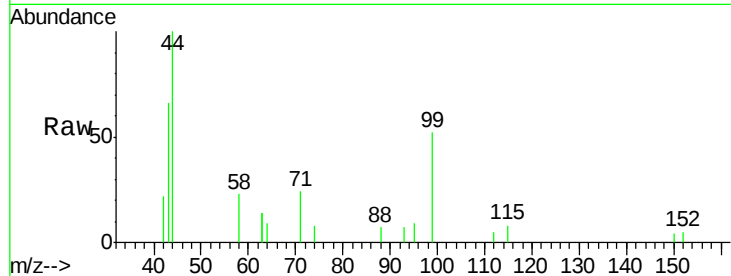
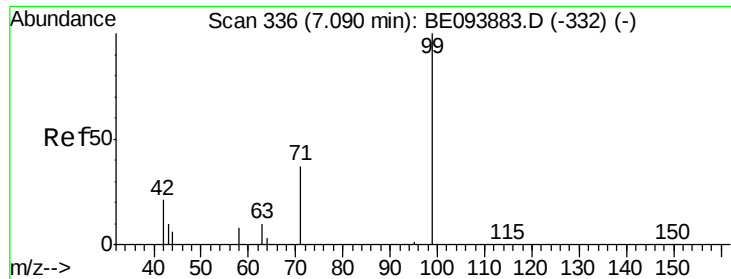


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.136 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.04 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

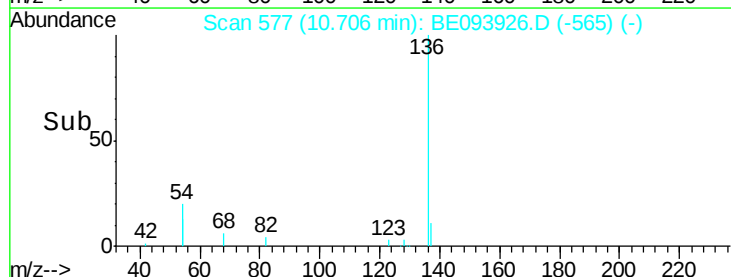
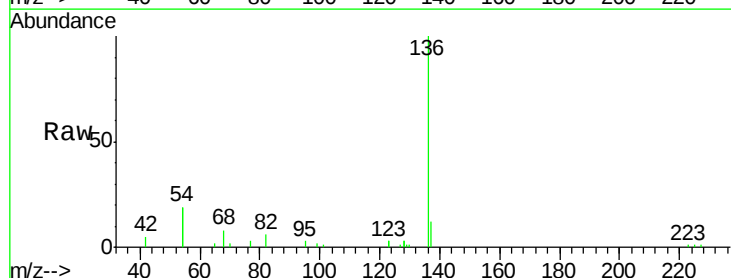
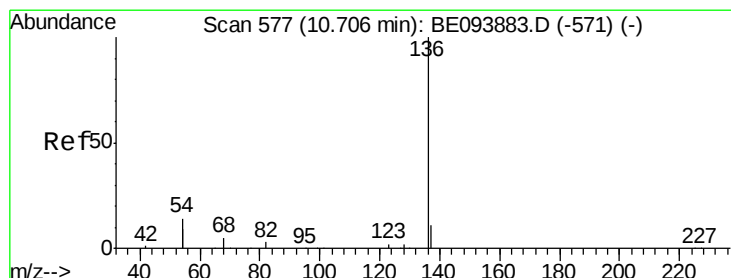
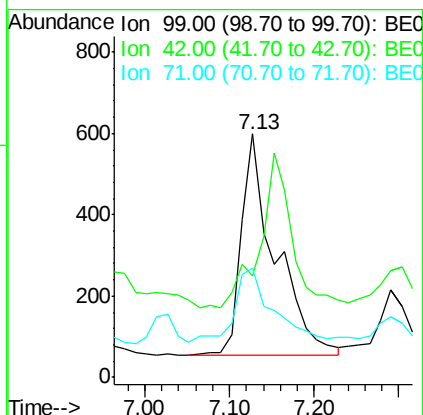
Tgt Ion: 99 Resp: 1501

Ion Ratio Lower Upper

99 100

42 0.0 17.1 25.7#

71 38.8 26.6 39.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Tgt Ion: 136 Resp: 11916

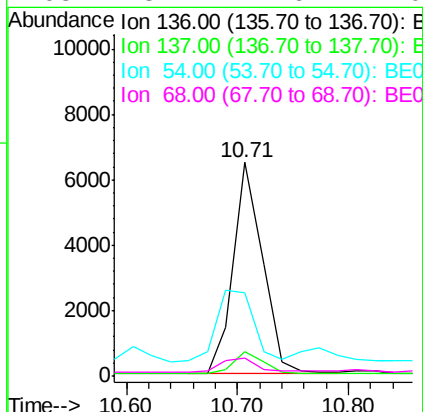
Ion Ratio Lower Upper

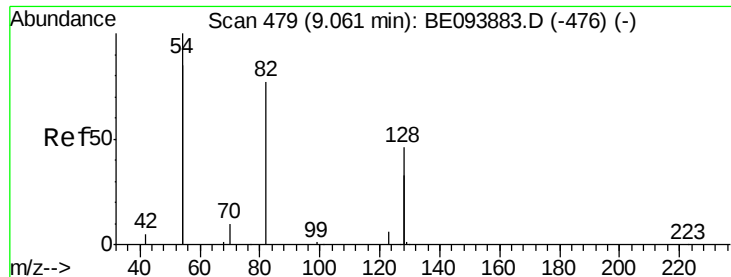
136 100

137 11.5 9.2 13.8

54 38.7 21.9 32.9#

68 8.1 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

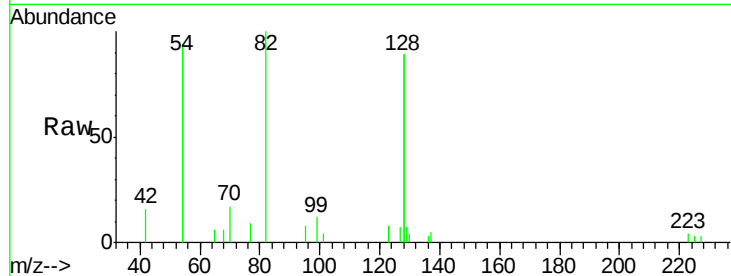
Tgt Ion: 82 Resp: 3404

Ion Ratio Lower Upper

82 100

128 178.9 91.4 137.0#

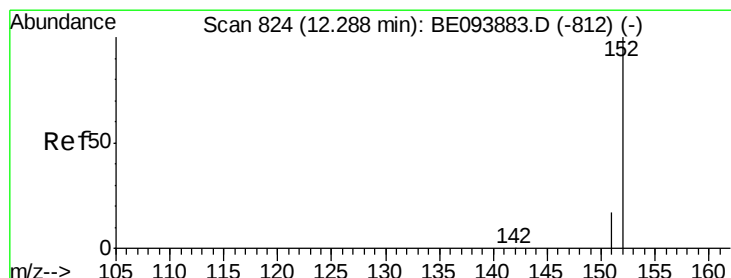
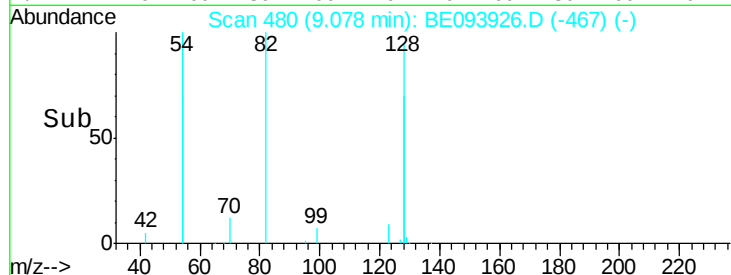
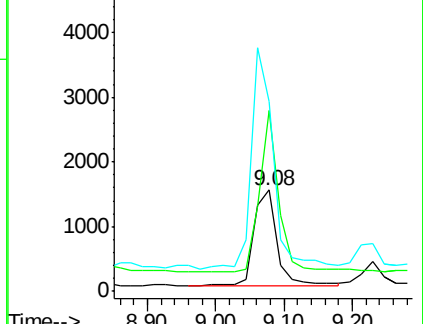
54 187.7 197.8 296.8#



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE093926.D

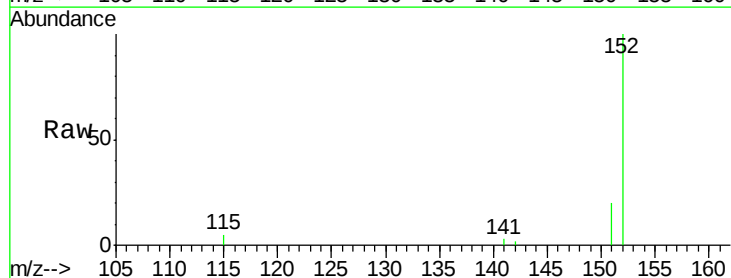
Acq: 2 Sep 2017 9:01

Tgt Ion: 152 Resp: 5767

Ion Ratio Lower Upper

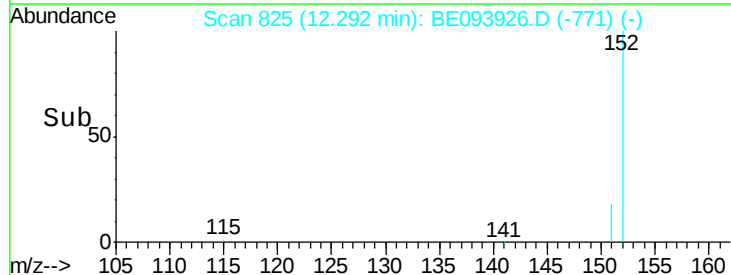
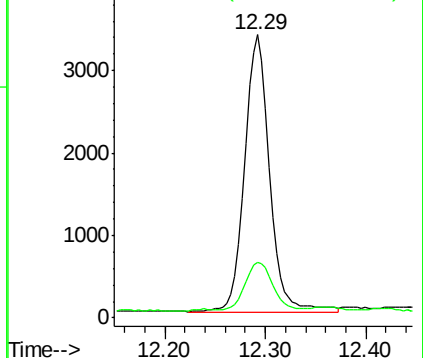
152 100

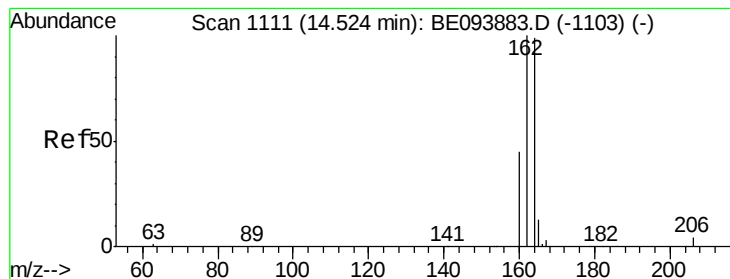
151 20.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

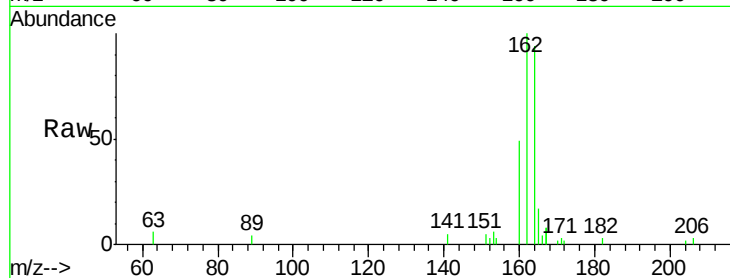
Tgt Ion:164 Resp: 7079

Ion Ratio Lower Upper

164 100

162 106.2 80.8 121.2

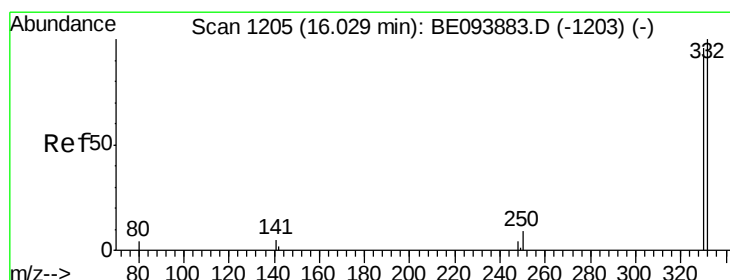
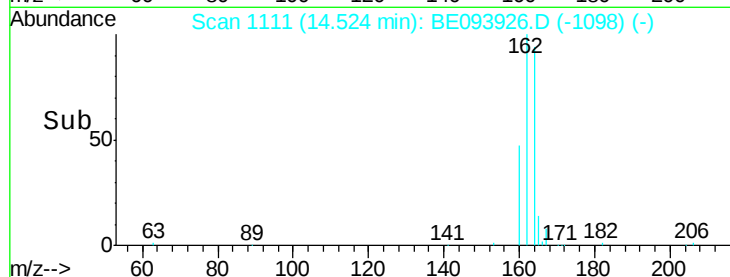
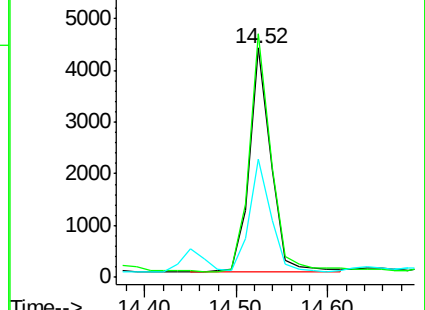
160 51.8 37.0 55.4



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: 0.496 ng

RT: 16.03 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

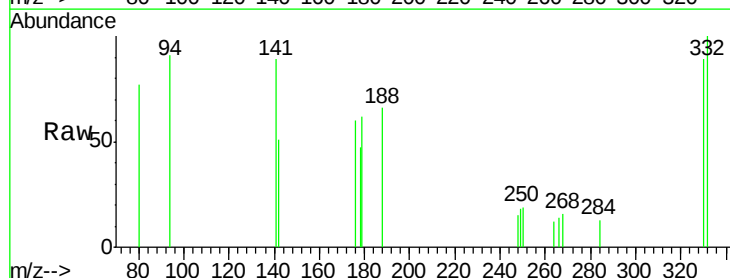
Tgt Ion:330 Resp: 941

Ion Ratio Lower Upper

330 100

332 107.9 76.9 115.3

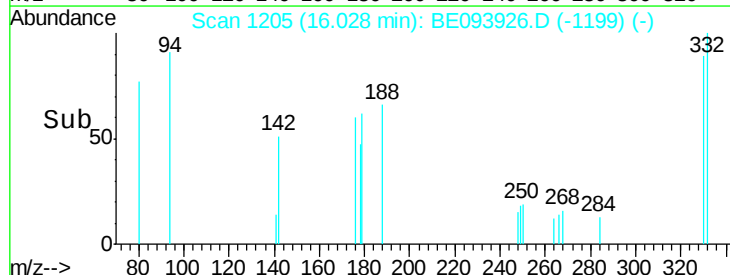
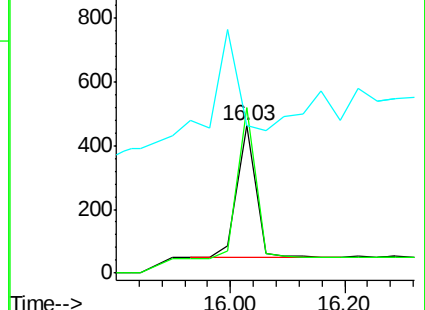
141 0.0 0.0 0.0

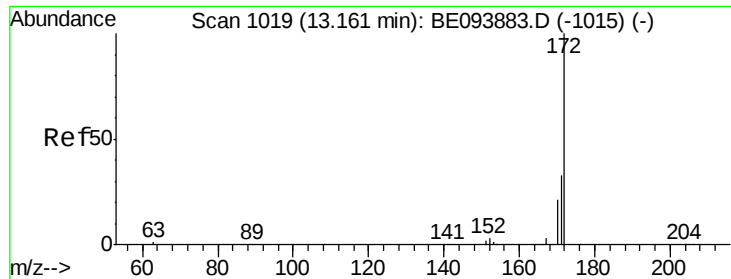


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

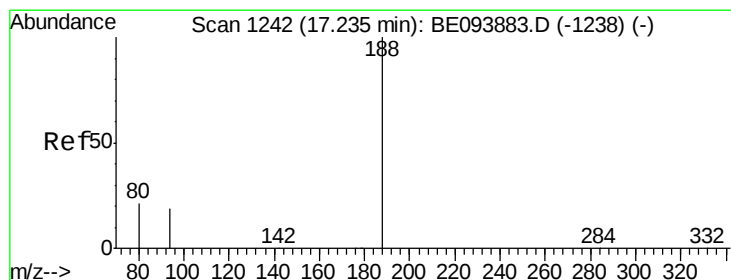
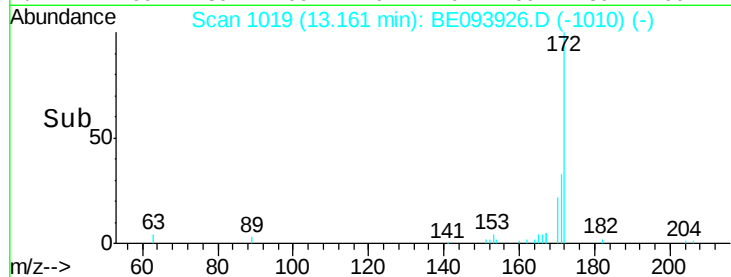
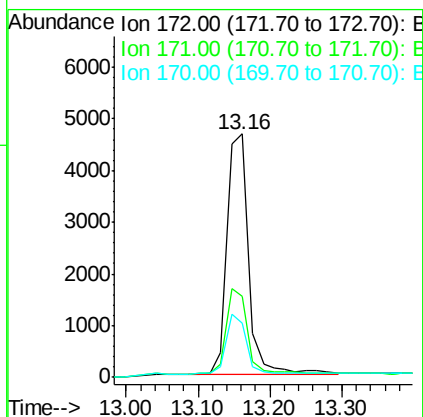
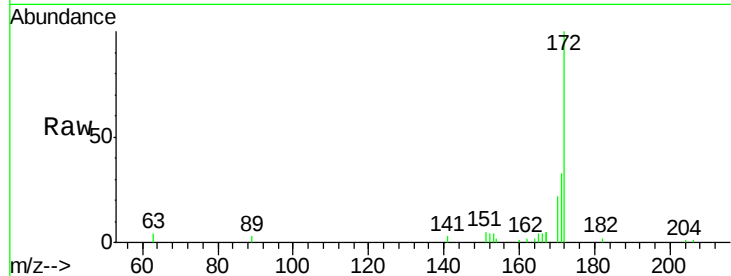




#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.16 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE093926.D
Acq: 2 Sep 2017 9:01

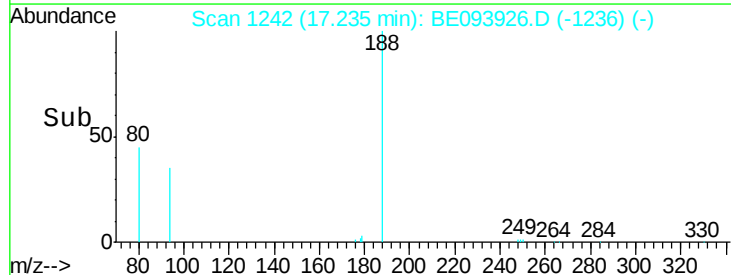
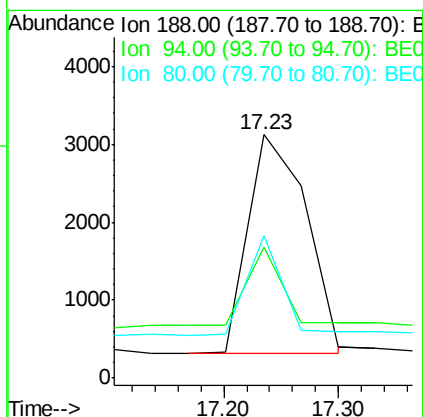
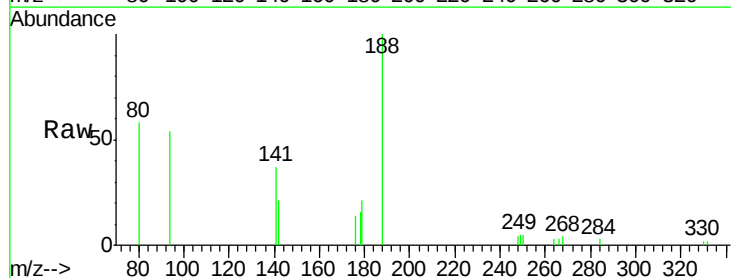
Instrument :
BNA_E
ClientSampleId :
3833-PA4

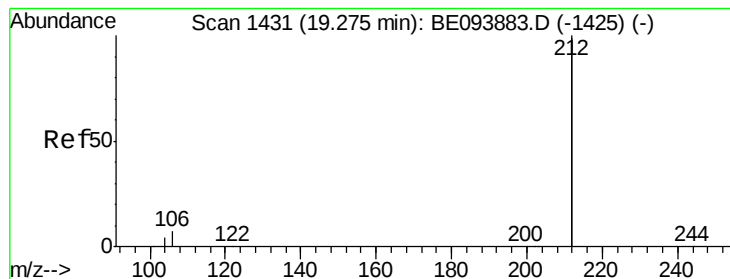
Tgt Ion:172 Resp: 9838
Ion Ratio Lower Upper
172 100
171 33.5 26.9 40.3
170 22.0 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093926.D
Acq: 2 Sep 2017 9:01

Tgt Ion:188 Resp: 9898
Ion Ratio Lower Upper
188 100
94 53.6 16.1 24.1#
80 58.5 18.2 27.2#





#25

Fluoranthene-d10

Concen: 0.509 ng

RT: 19.28 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

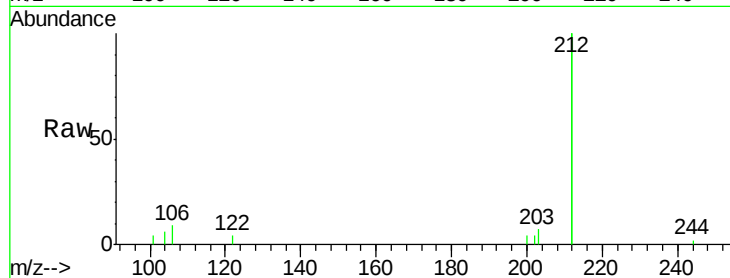
Tgt Ion: 212 Resp: 58074

Ion Ratio Lower Upper

212 100

106 3.6 2.7 4.1

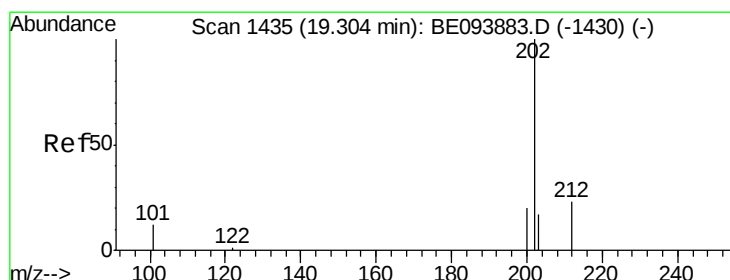
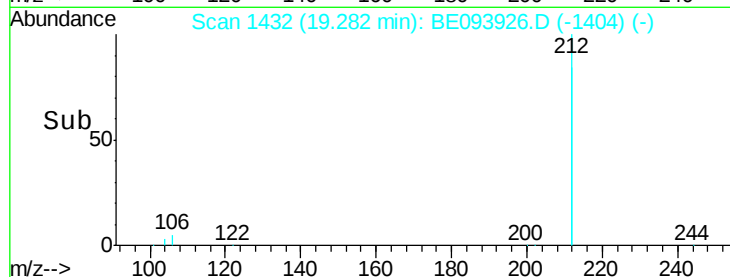
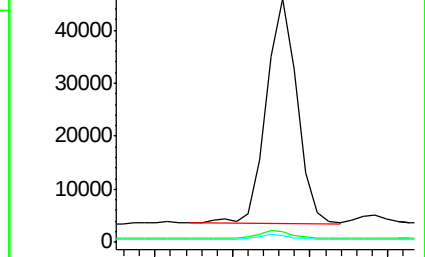
104 2.1 1.6 2.4



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



#26

Fluoranthene

Concen: 0.057 ng

RT: 19.31 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

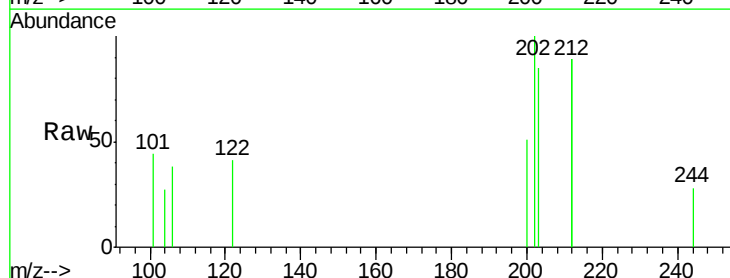
Tgt Ion: 202 Resp: 1954

Ion Ratio Lower Upper

202 100

101 28.2 9.7 14.5#

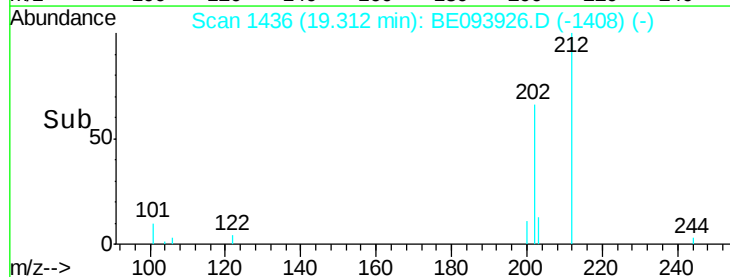
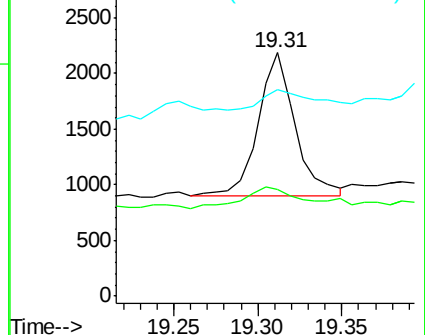
203 23.2 13.7 20.5#

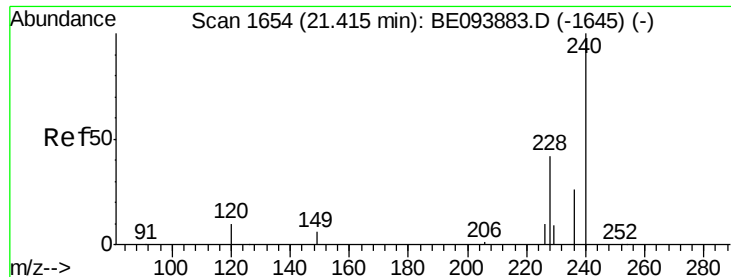


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.42 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

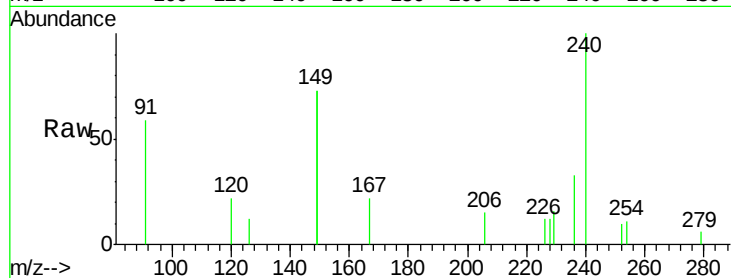
Tgt Ion:240 Resp: 17128

Ion Ratio Lower Upper

240 100

120 22.5 8.7 13.1#

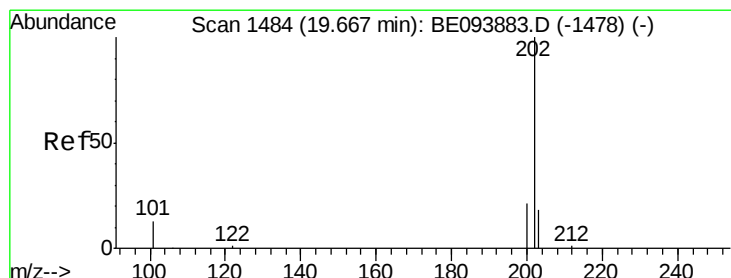
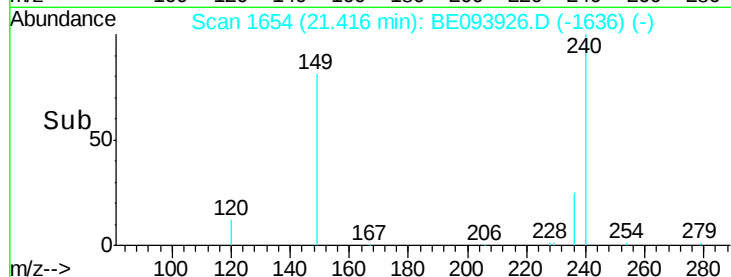
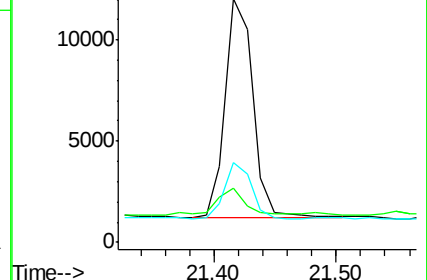
236 32.5 21.3 31.9#



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



#28

Pyrene

Concen: 0.045 ng

RT: 19.67 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

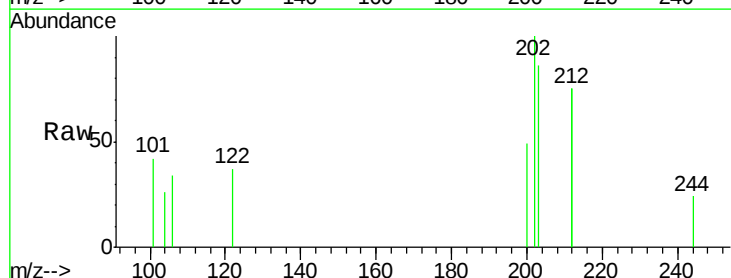
Tgt Ion:202 Resp: 2601

Ion Ratio Lower Upper

202 100

200 36.8 16.6 24.8#

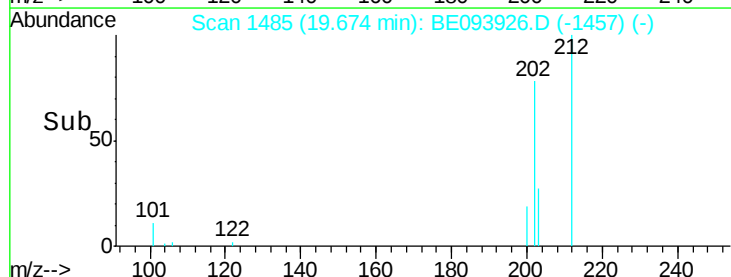
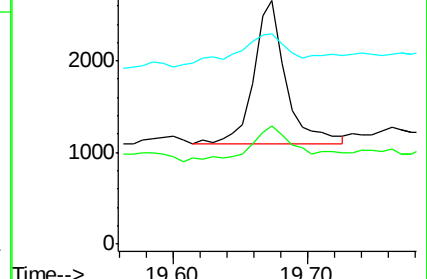
203 33.1 14.2 21.4#

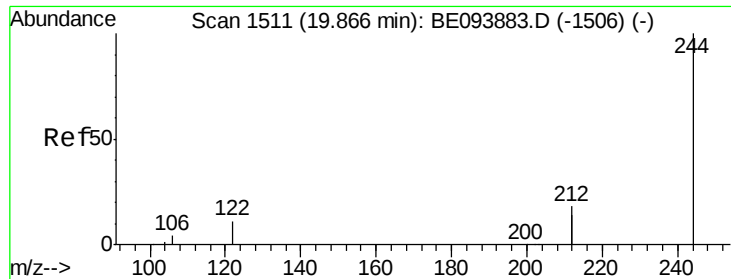


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

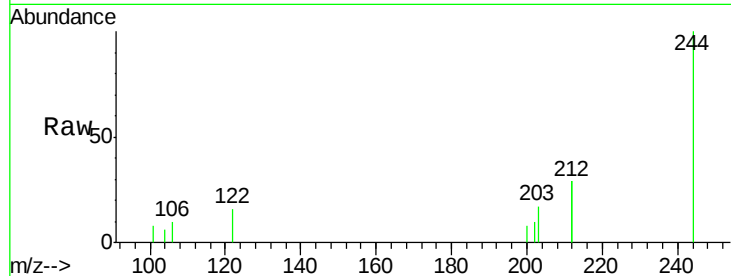
Tgt Ion:244 Resp: 15913

Ion Ratio Lower Upper

244 100

212 58.2 28.3 42.5#

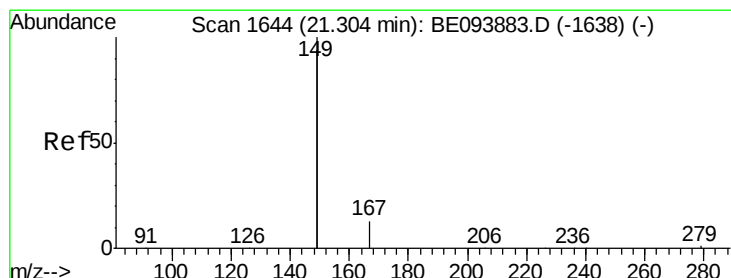
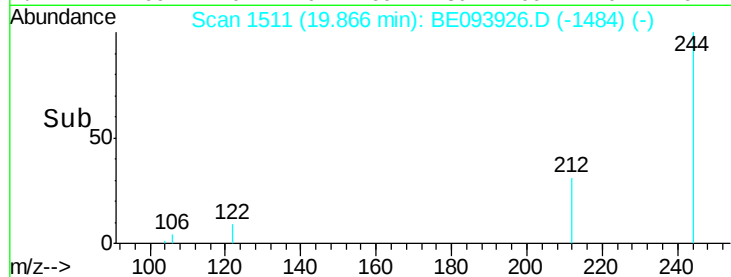
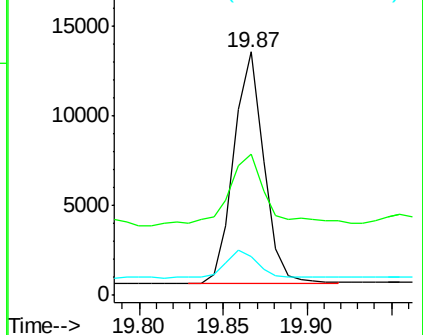
122 16.2 9.4 14.0#



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: 0.841 ng

RT: 21.30 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

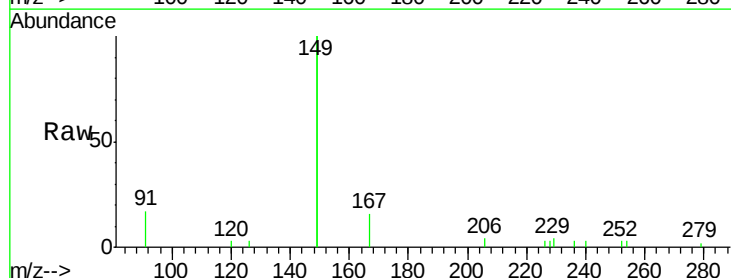
Tgt Ion:149 Resp: 90158

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

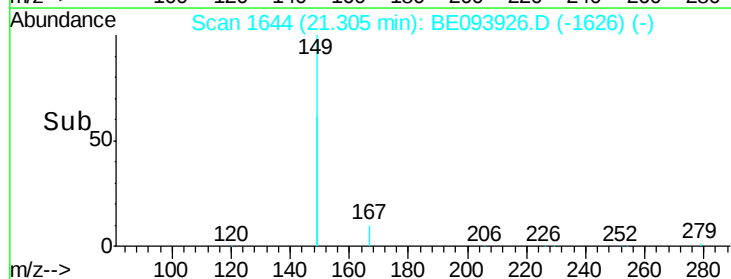
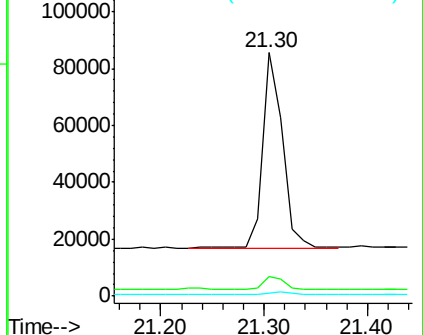
279 0.9 0.7 1.1

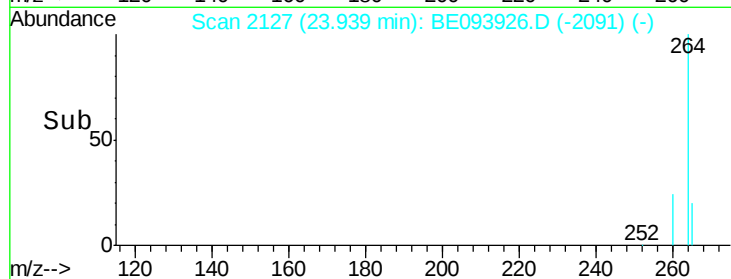
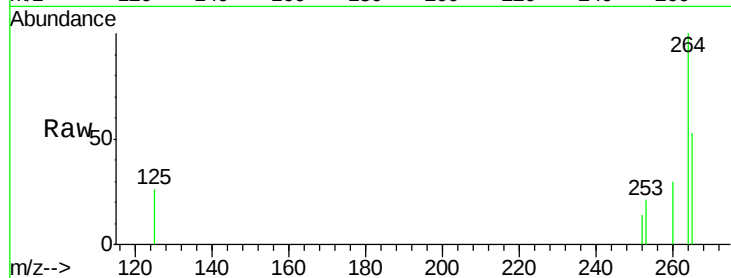
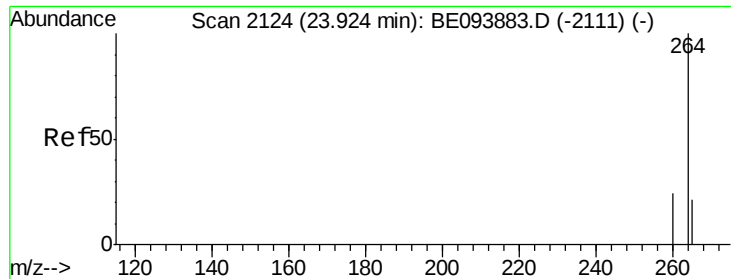


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2127

Delta R.T. 0.02 min

Lab File: BE093926.D

Acq: 2 Sep 2017 9:01

Instrument :

BNA_E

ClientSampleId :

3833-PA4

Tgt Ion: 264 Resp: 14623

Ion Ratio Lower Upper

264 100

260 30.2 20.0 30.0#

265 53.4 24.0 36.0#

