

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093924.D
 Acq On : 2 Sep 2017 7:46
 Operator : SJ/JU
 Sample : I4963-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3831-PA3

Quant Time: Sep 04 01:49:23 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

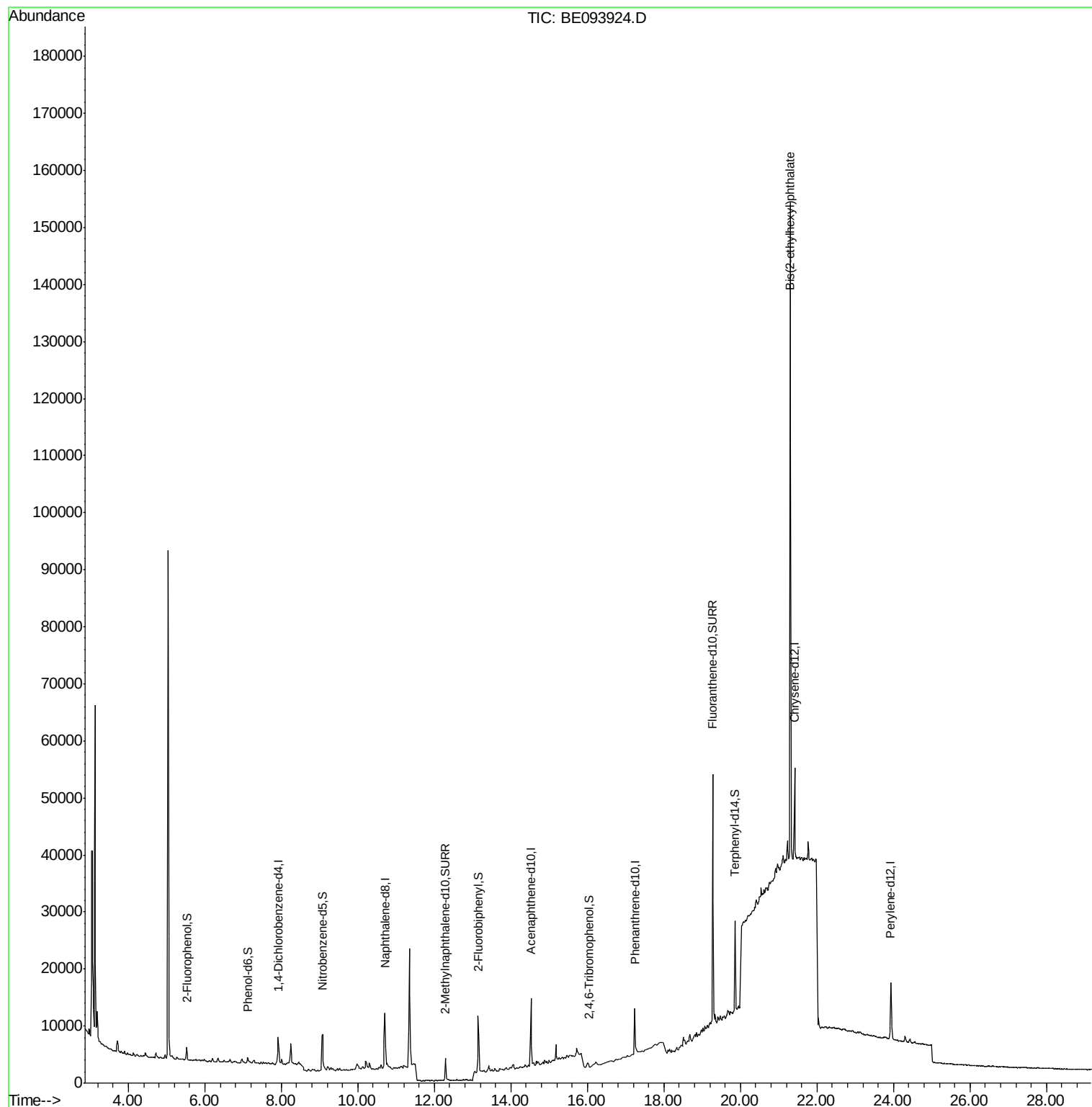
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2321	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11749	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7140	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13182	0.40	ng	0.00
27) Chrysene-d12	21.42	240	17240	0.40	ng	0.00
34) Perylene-d12	23.93	264	14966	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1220	0.17	ng	0.00
5) Phenol-d6	7.11	99	1277	0.12	ng	0.02
8) Nitrobenzene-d5	9.08	82	3382	0.35	ng	0.02
11) 2-Methylnaphthalene-d10	12.29	152	6038	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	751	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10508	0.37	ng	-0.01
25) Fluoranthene-d10	19.28	212	62437	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	14868	0.48	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.30	149	139249	1.290	ng	Qvalue 100

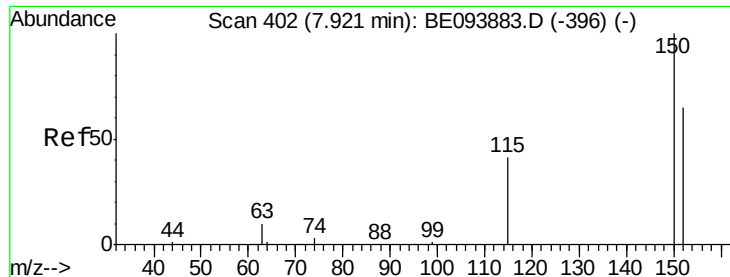
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

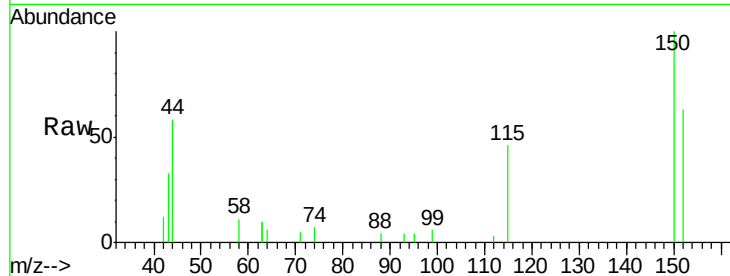
Tgt Ion:152 Resp: 2321

Ion Ratio Lower Upper

152 100

150 157.6 121.8 182.6

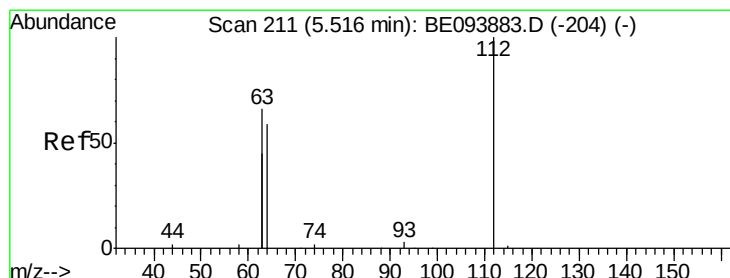
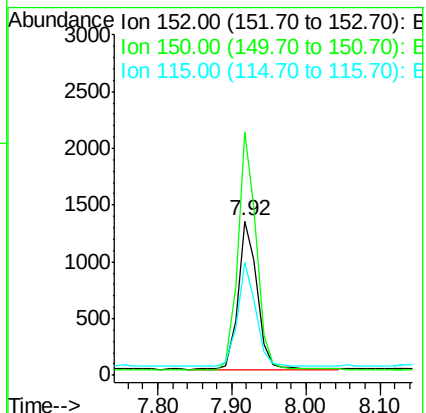
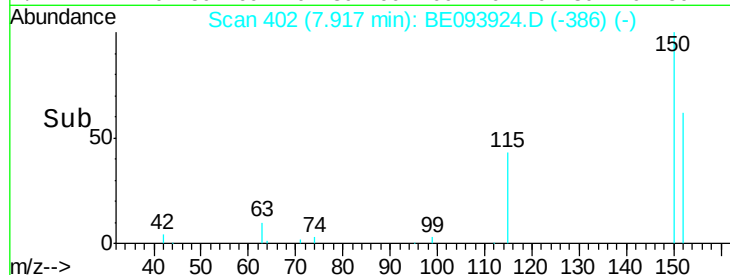
115 73.2 52.6 79.0



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: 0.171 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

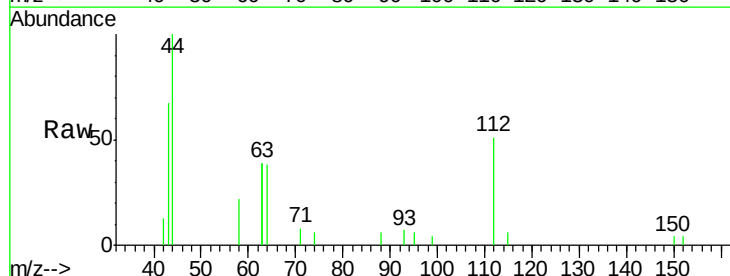
Tgt Ion:112 Resp: 1220

Ion Ratio Lower Upper

112 100

64 72.2 57.7 86.5

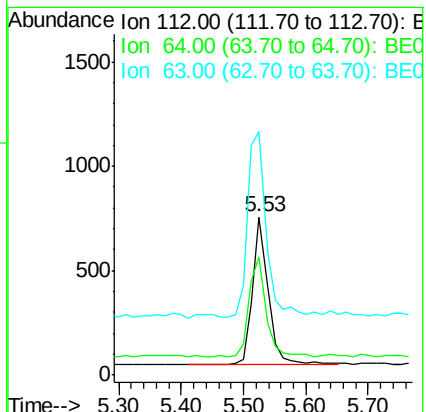
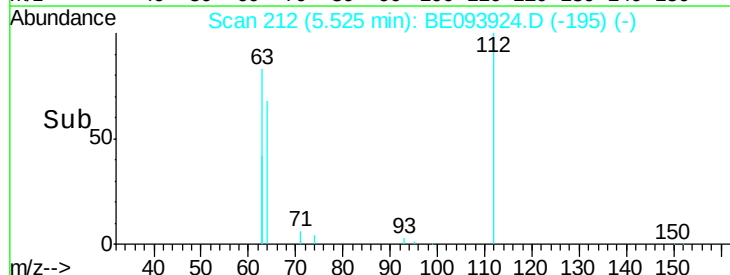
63 146.6 116.0 174.0

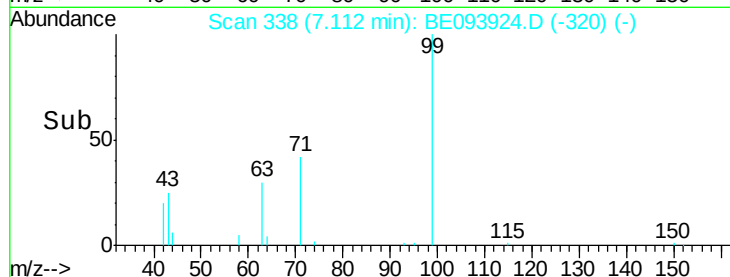
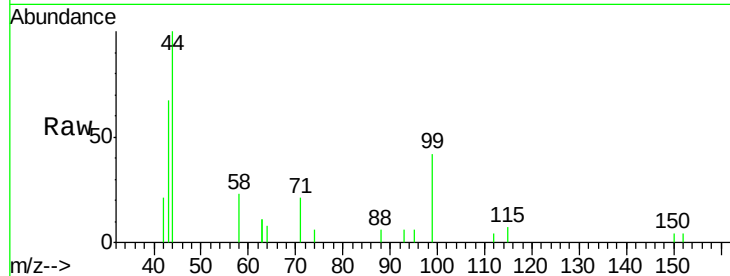
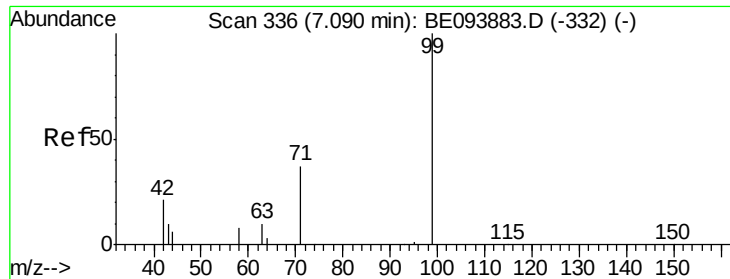


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.117 ng

RT: 7.11 min Scan# 338

Delta R.T. 0.02 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

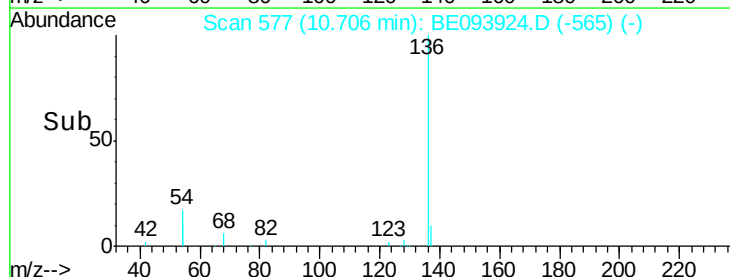
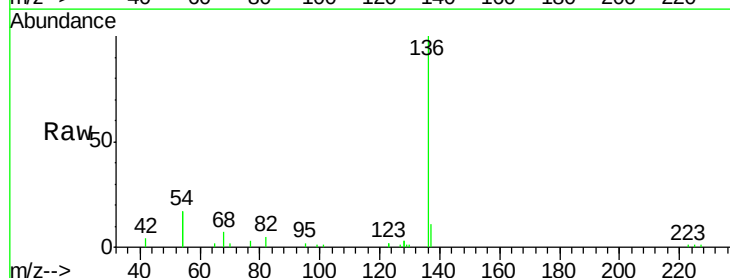
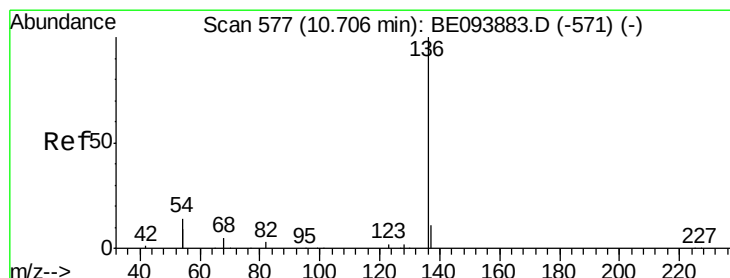
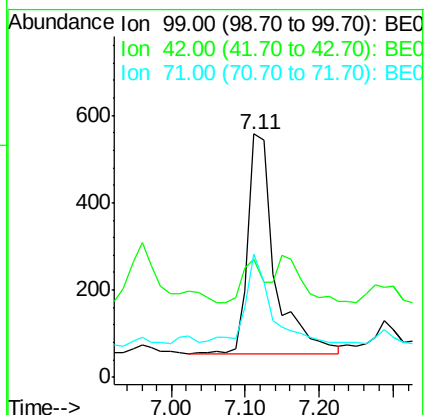
Tgt Ion: 99 Resp: 1277

Ion Ratio Lower Upper

99 100

42 17.1 17.1 25.7

71 37.6 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: BE093924.D

Acq: 2 Sep 2017 7:46

Tgt Ion: 136 Resp: 11749

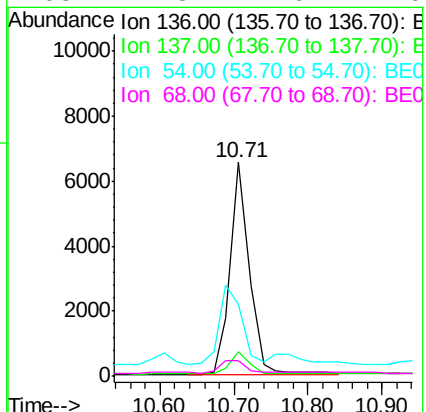
Ion Ratio Lower Upper

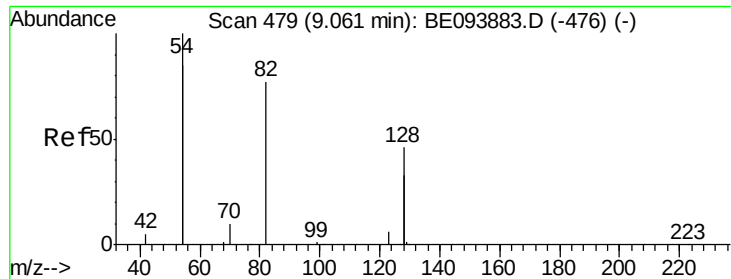
136 100

137 11.3 9.2 13.8

54 33.4 21.9 32.9#

68 7.3 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.02 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

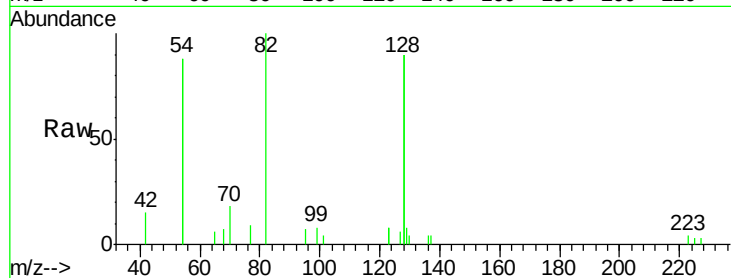
Tgt Ion: 82 Resp: 3382

Ion Ratio Lower Upper

82 100

128 179.6 91.4 137.0#

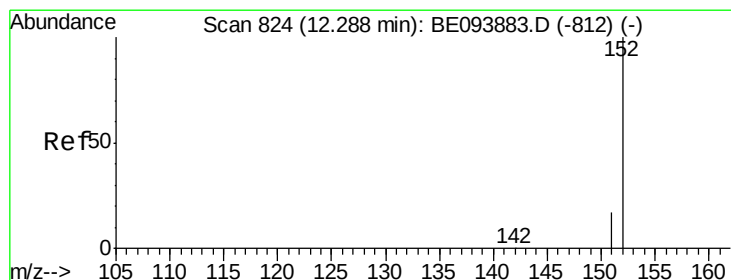
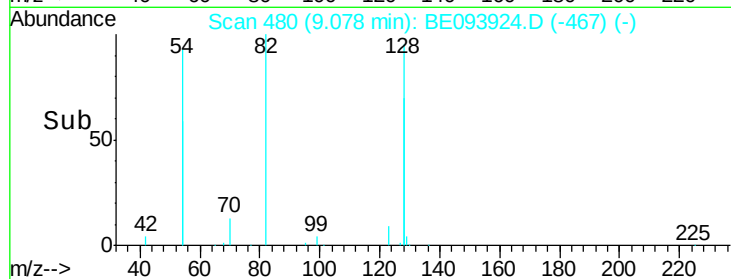
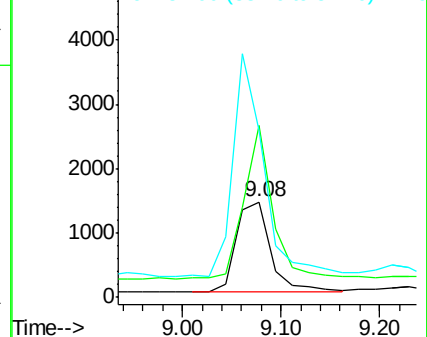
54 175.2 197.8 296.8#



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: 0.325 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE093924.D

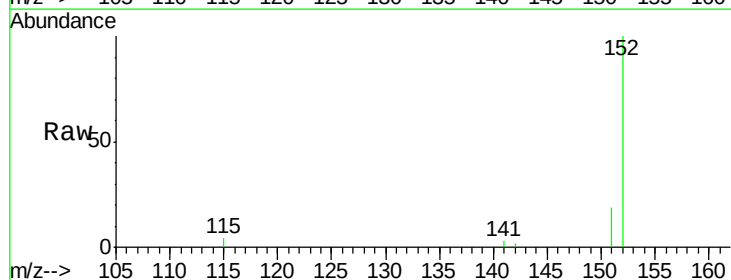
Acq: 2 Sep 2017 7:46

Tgt Ion: 152 Resp: 6038

Ion Ratio Lower Upper

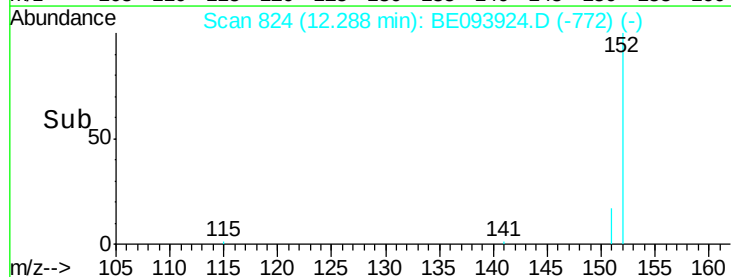
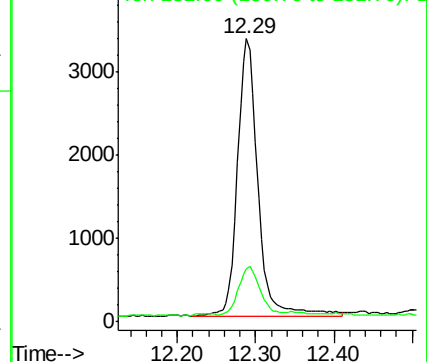
152 100

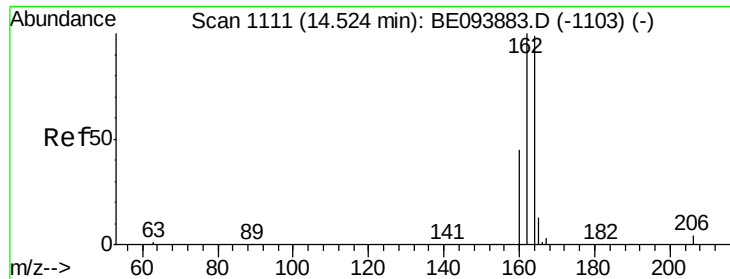
151 17.9 15.4 23.0



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: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

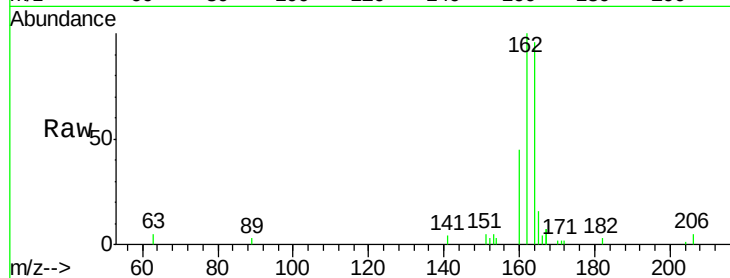
Tgt Ion:164 Resp: 7140

Ion Ratio Lower Upper

164 100

162 104.0 80.8 121.2

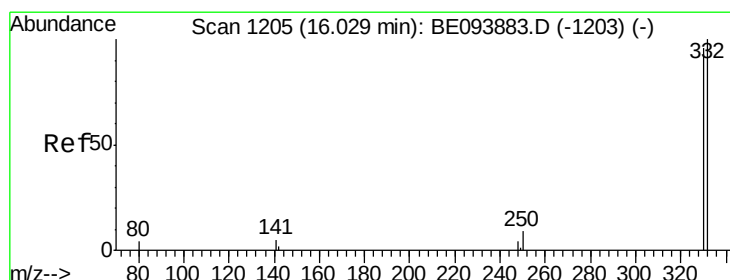
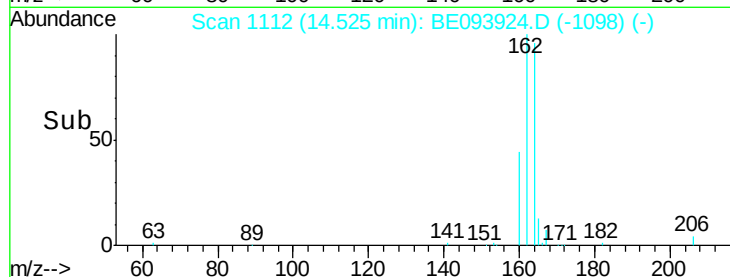
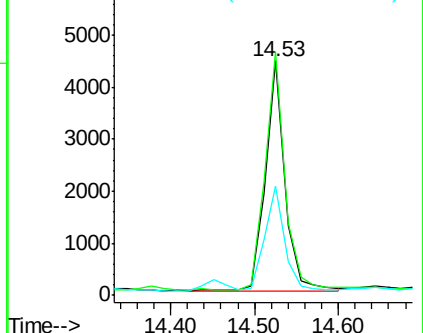
160 46.5 37.0 55.4



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: 0.392 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

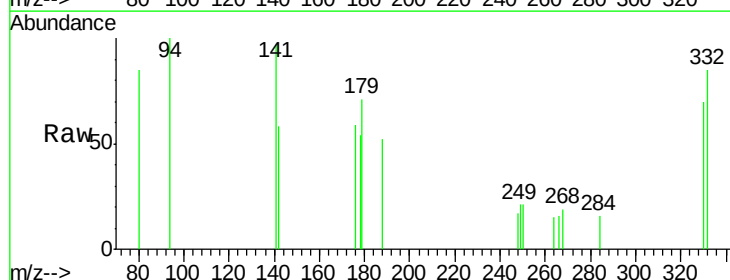
Tgt Ion:330 Resp: 751

Ion Ratio Lower Upper

330 100

332 102.4 76.9 115.3

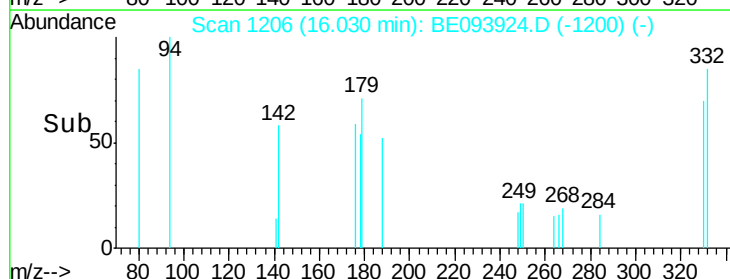
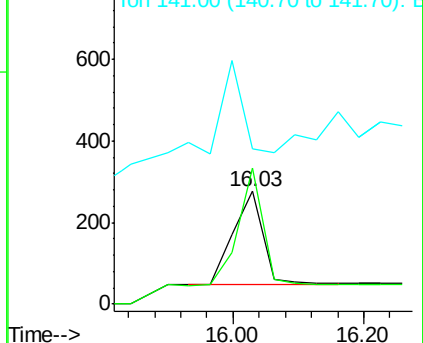
141 0.0 0.0 0.0

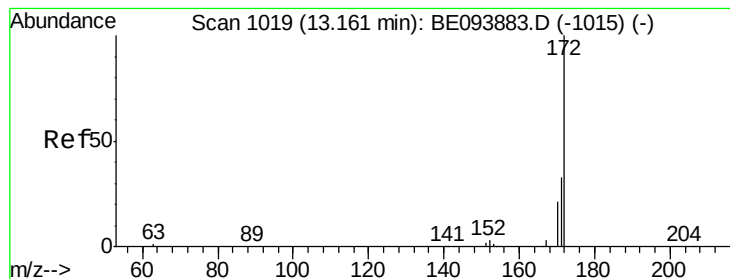


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.370 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

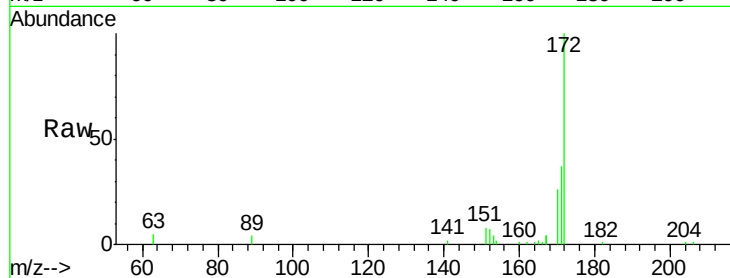
Tgt Ion:172 Resp: 10508

Ion Ratio Lower Upper

172 100

171 37.2 26.9 40.3

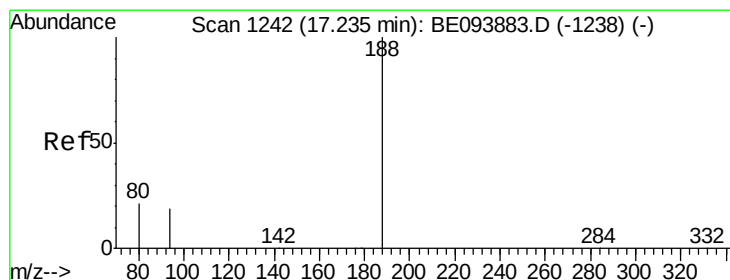
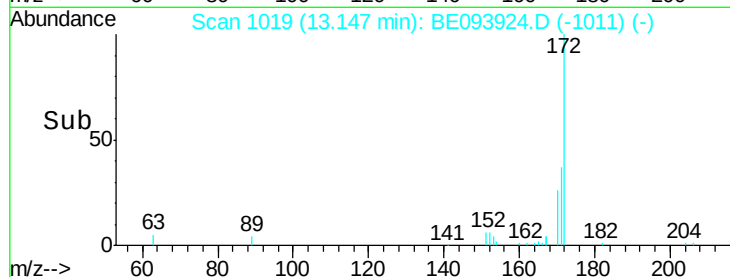
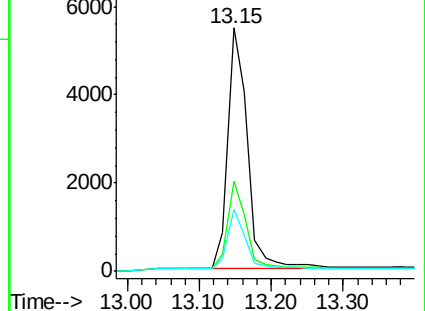
170 25.5 17.3 25.9



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: BE093924.D

Acq: 2 Sep 2017 7:46

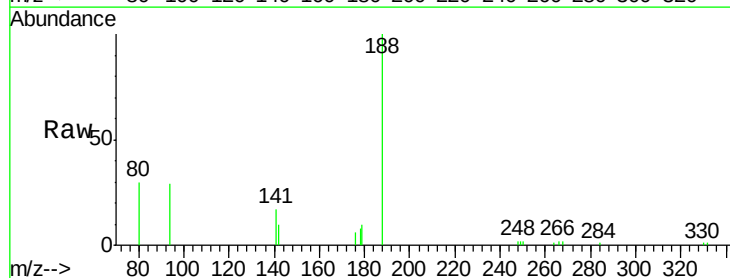
Tgt Ion:188 Resp: 13182

Ion Ratio Lower Upper

188 100

94 29.1 16.1 24.1#

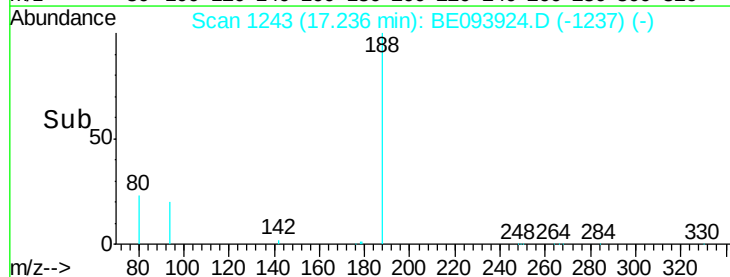
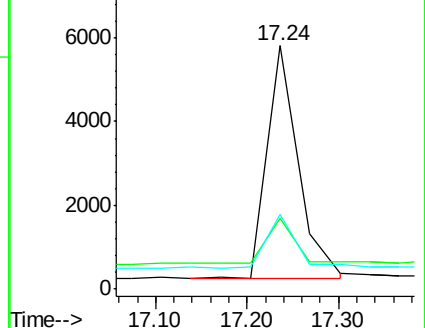
80 30.5 18.2 27.2#

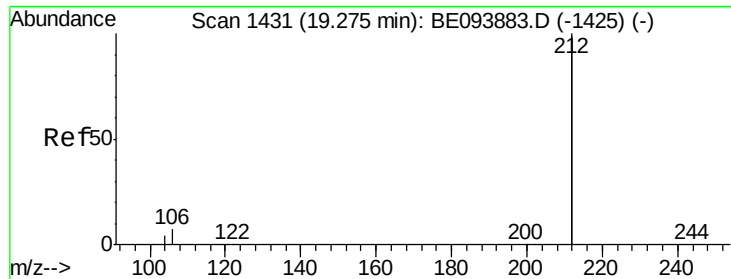


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

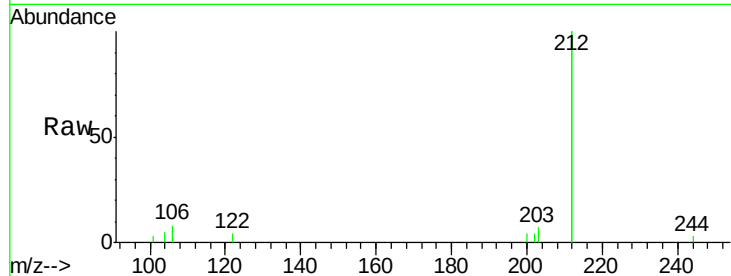
Instrument :

BNA_E

ClientSampleId :

3831-PA3

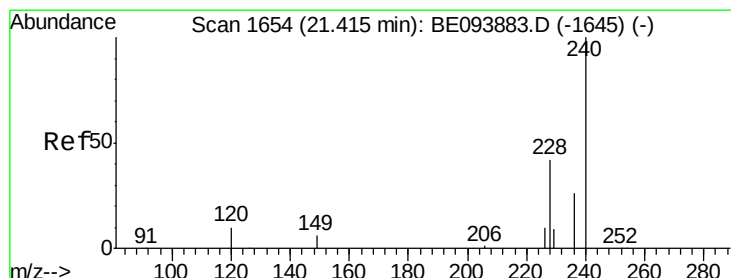
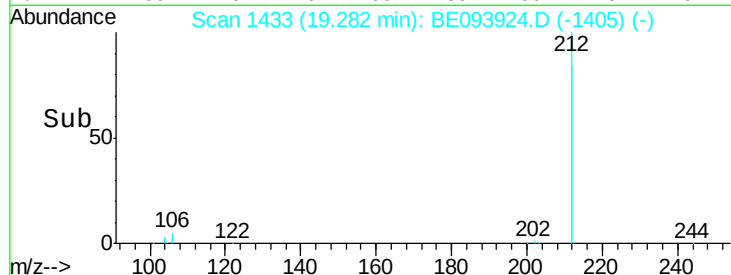
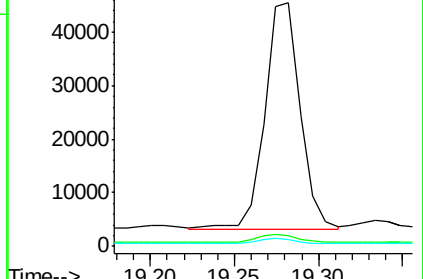
Tgt Ion:	212	Resp:	62437
Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.7	4.1
104	2.3	1.6	2.4



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

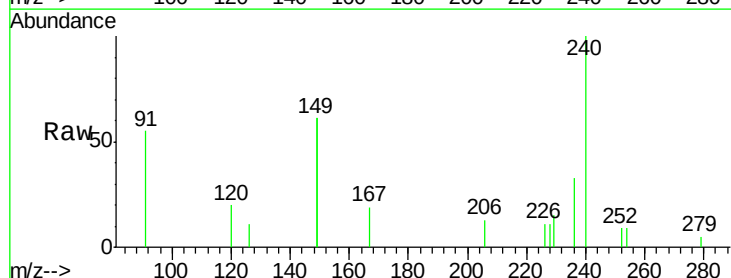
RT: 21.42 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

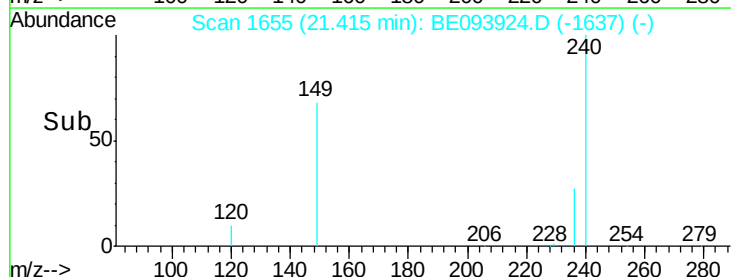
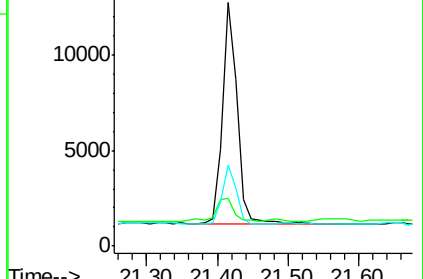
Tgt Ion:	240	Resp:	17240
Ion	Ratio	Lower	Upper
240	100		
120	19.8	8.7	13.1#
236	33.0	21.3	31.9#

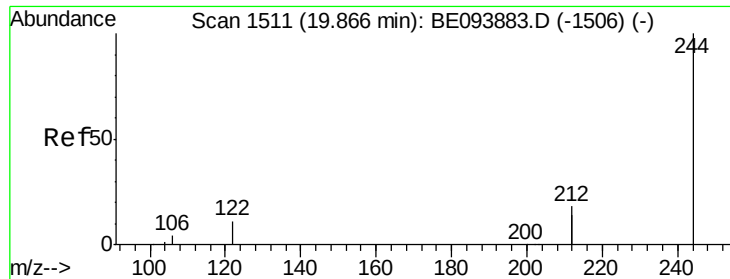


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

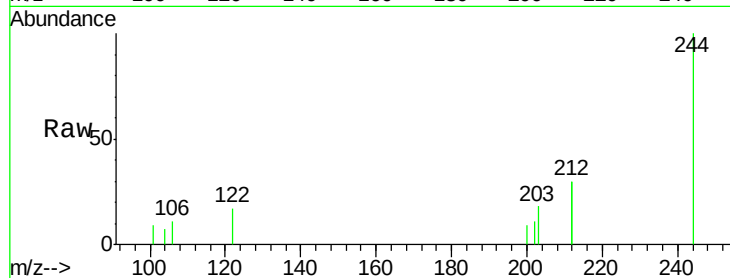
Tgt Ion:244 Resp: 14868

Ion Ratio Lower Upper

244 100

212 60.7 28.3 42.5#

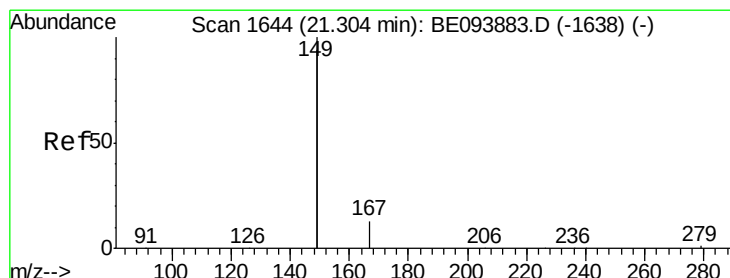
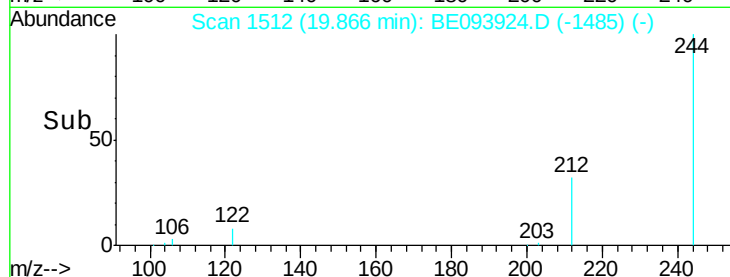
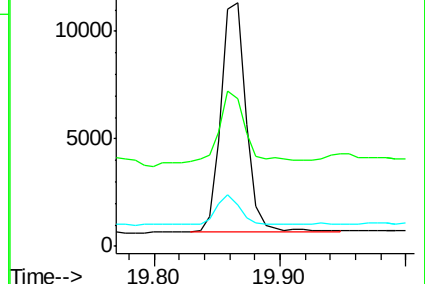
122 16.9 9.4 14.0#



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: 1.290 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

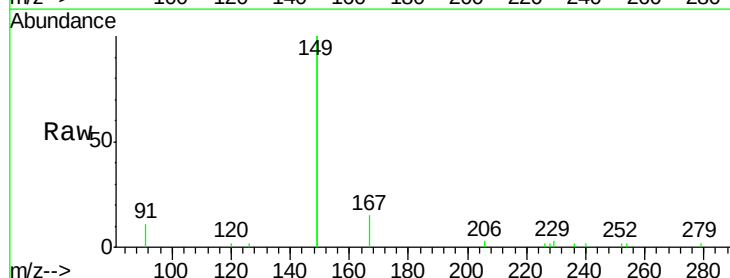
Tgt Ion:149 Resp: 139249

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

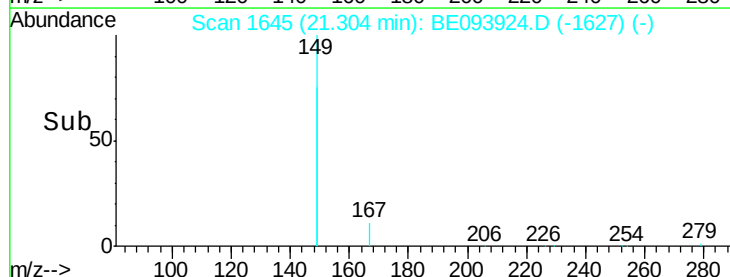
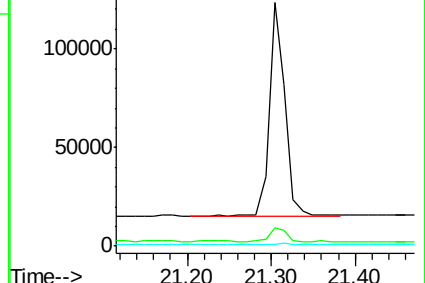
279 1.0 0.7 1.1

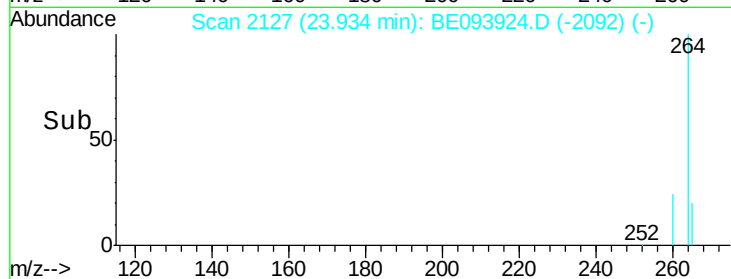
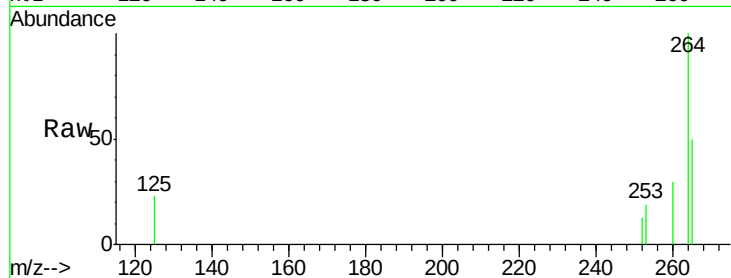
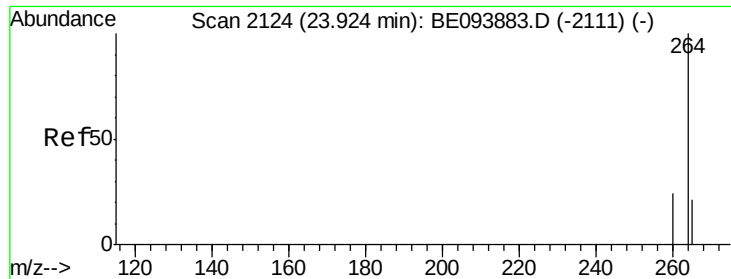


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BE093924.D

Acq: 2 Sep 2017 7:46

Instrument :

BNA_E

ClientSampleId :

3831-PA3

Tgt Ion: 264 Resp: 14966

Ion Ratio Lower Upper

264 100

260 30.5 20.0 30.0#

265 50.2 24.0 36.0#

