

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093484.D
 Acq On : 19 Jul 2017 14:44
 Operator : SJ/JU
 Sample : I4199-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3562-PP2

Quant Time: Jul 20 13:13:14 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

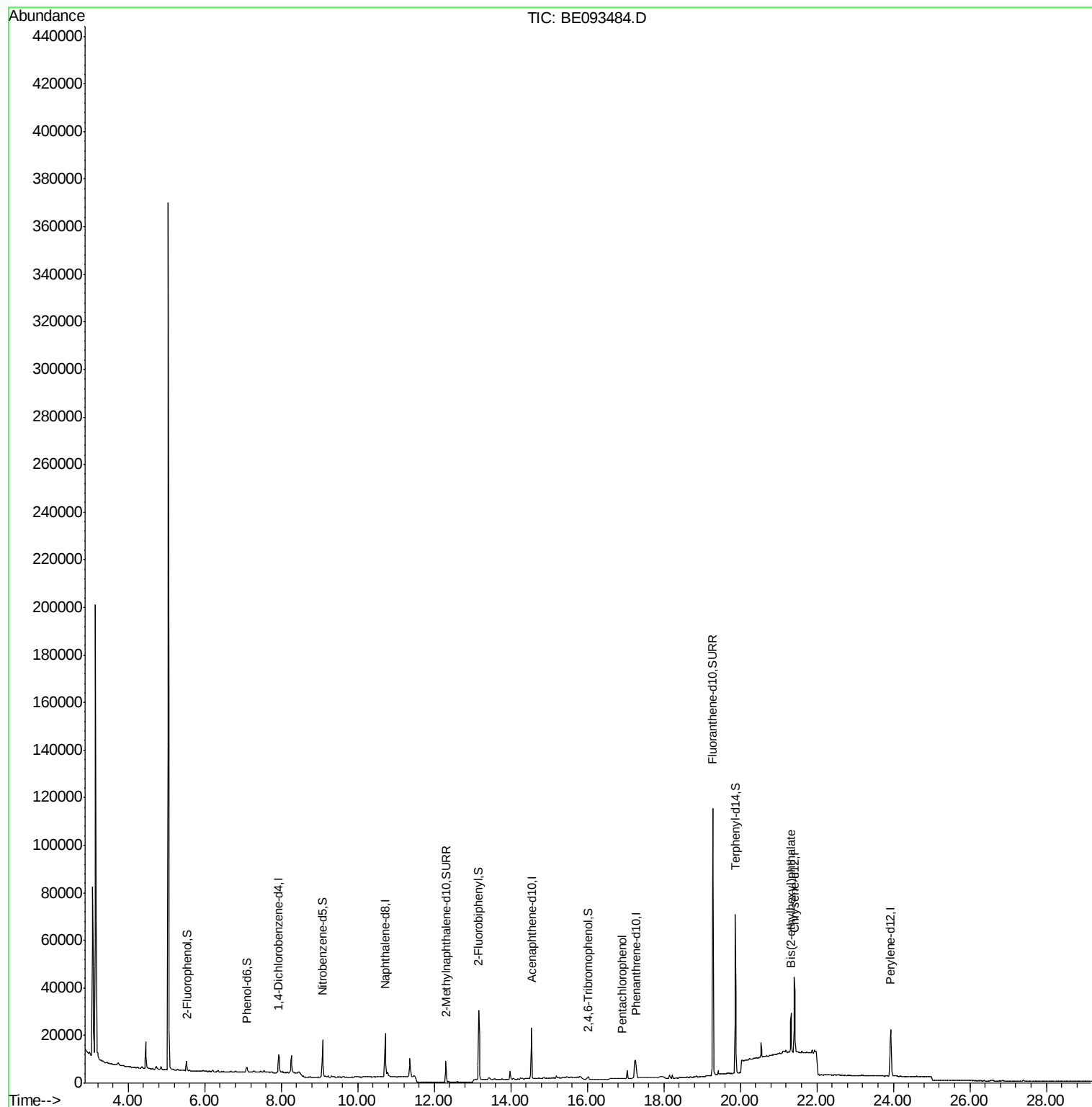
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3826	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	21359	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13445	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	20757	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35044	0.40	ng	-0.01
34) Perylene-d12	23.93	264	30490	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2108	0.18	ng	0.00
5) Phenol-d6	7.10	99	2234	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	5966	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12090	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1220	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	28401	0.54	ng	-0.01
25) Fluoranthene-d10	19.28	212	144471	0.58	ng	0.00
29) Terphenyl-d14	19.87	244	55894	0.89	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	174	0.062	ng	Qvalue 89
32) Bis(2-ethylhexyl)phthalate	21.33	149	21601	0.159	ng	# 67

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

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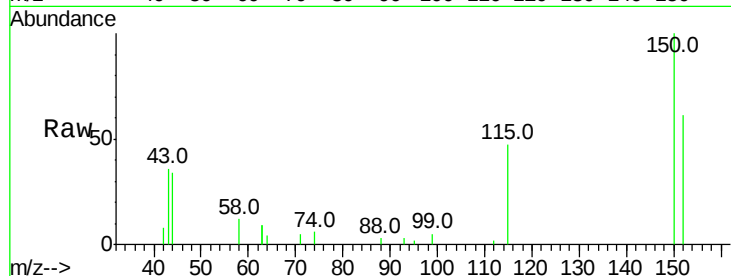


#1

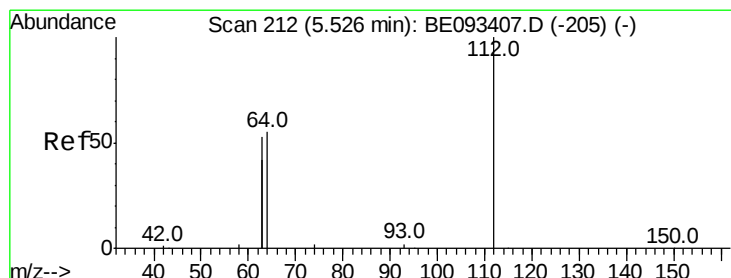
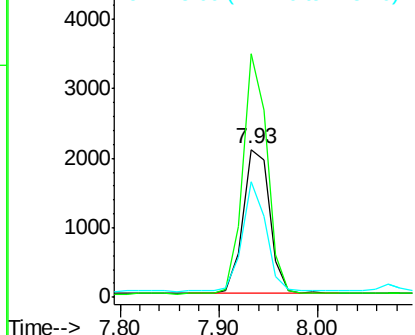
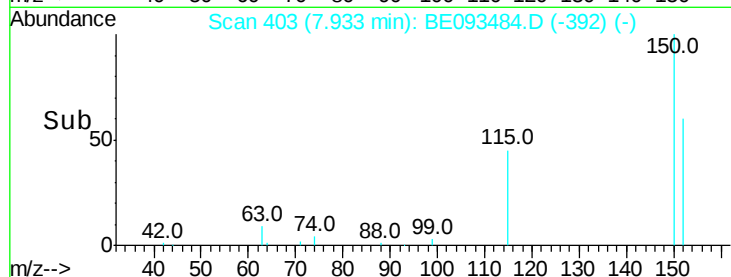
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093484.D
Acq: 19 Jul 2017 14:44

Instrument :
BNA_E
ClientSampleId :
3562-PP2

Tot Ion:152 Resp: 3826
Ion Ratio Lower Upper
152 100
150 164.6 125.1 187.7
115 77.7 55.7 83.5



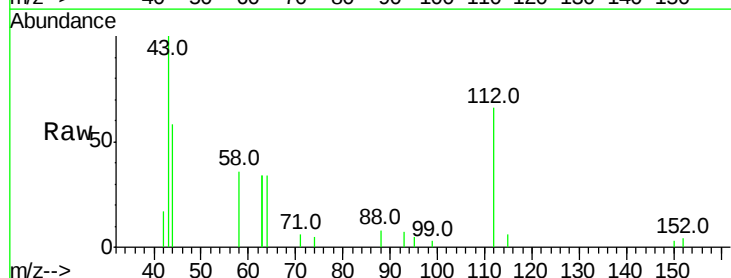
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



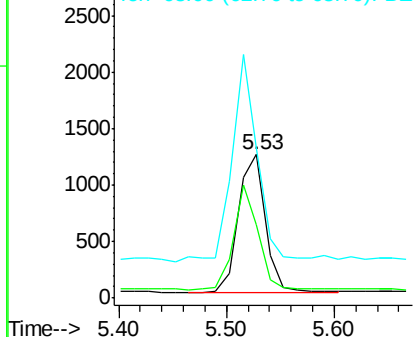
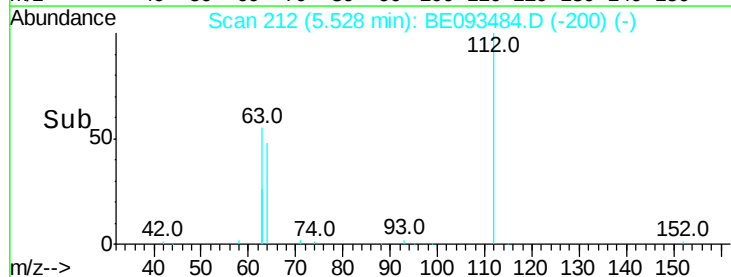
#4

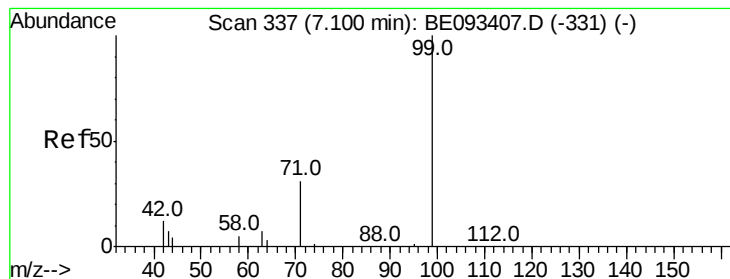
2-Fluorophenol
Concen: 0.183 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093484.D
Acq: 19 Jul 2017 14:44

Tgt Ion:112 Resp: 2108
Ion Ratio Lower Upper
112 100
64 69.3 56.4 84.6
63 142.1 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: 0.131 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

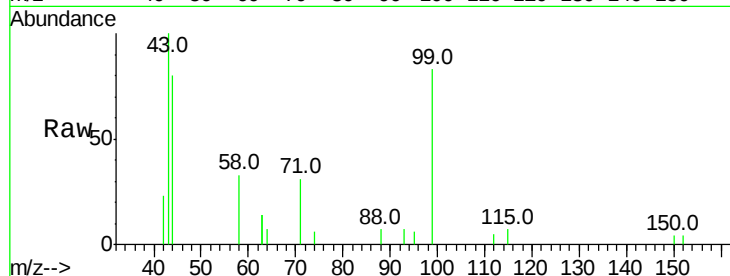
Tot Ion: 99 Resp: 2234

Ion Ratio Lower Upper

99 100

42 25.2 0.0 0.0#

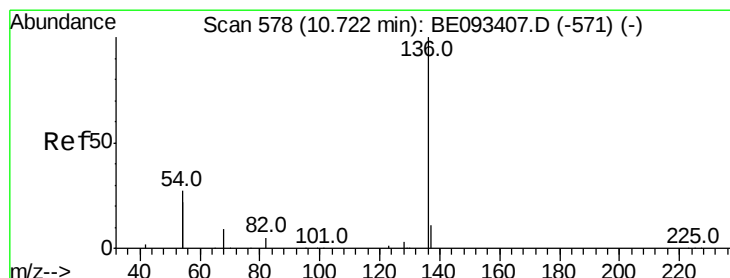
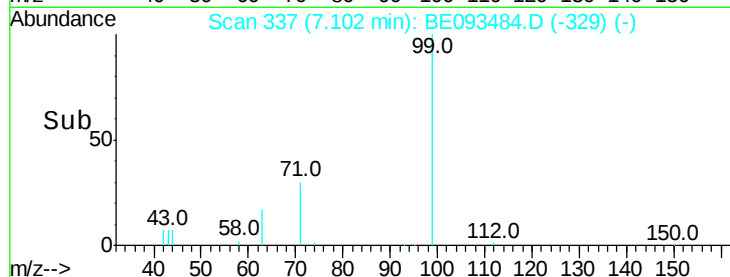
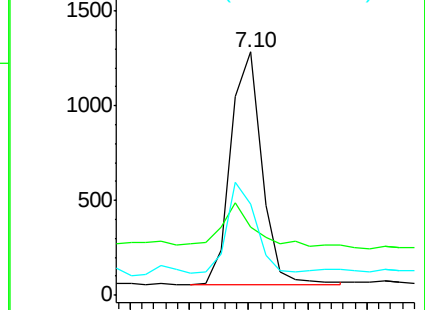
71 36.3 0.0 0.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Tgt Ion: 136 Resp: 21359

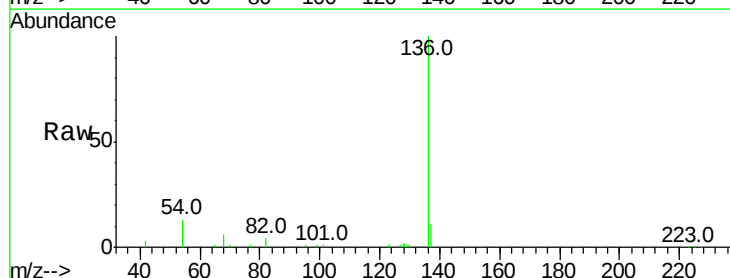
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 26.0 10.3 15.5#

68 5.6 9.0 13.4#

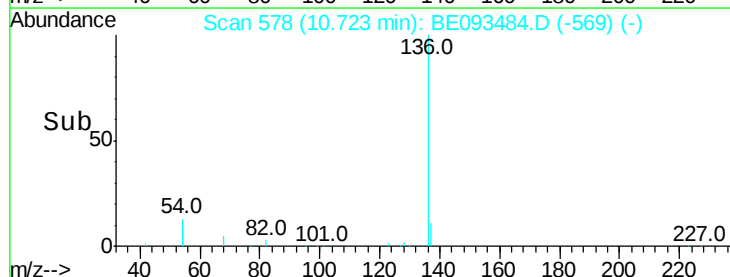
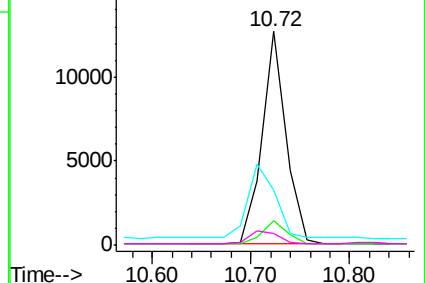


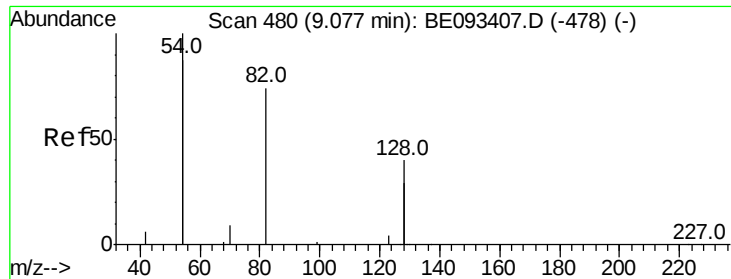
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.437 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

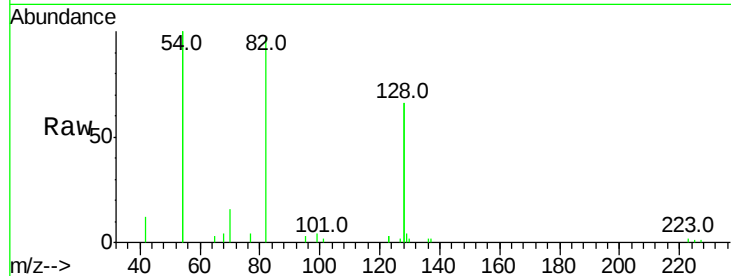
Tot Ion: 82 Resp: 5966

Ion Ratio Lower Upper

82 100

128 135.8 17.0 25.4#

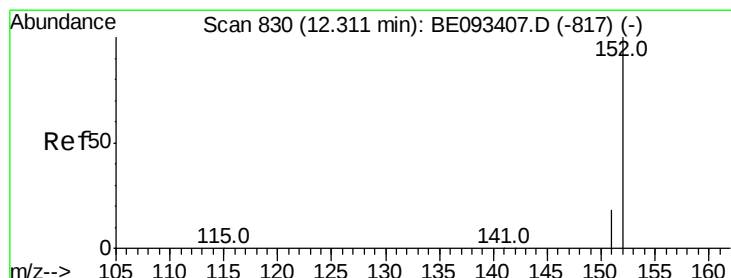
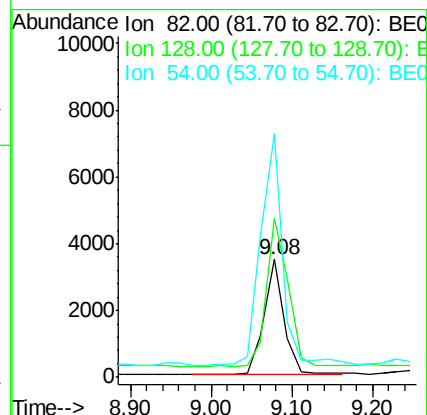
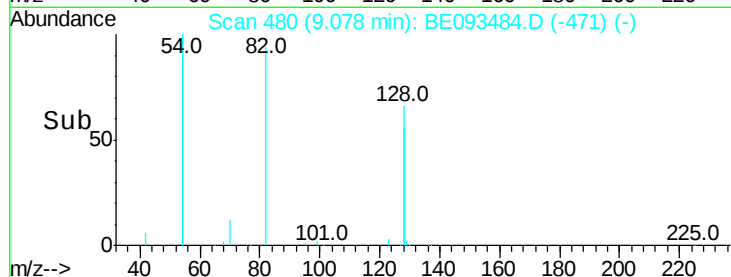
54 207.1 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093484.D

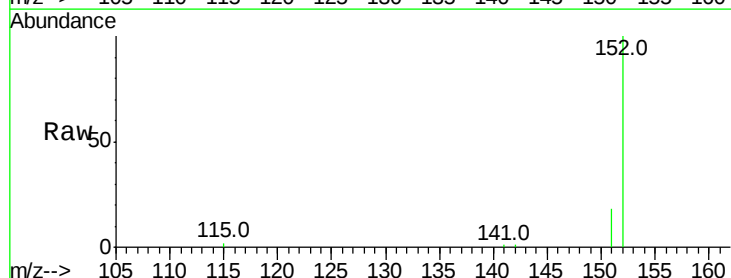
Acq: 19 Jul 2017 14:44

Tgt Ion: 152 Resp: 12090

Ion Ratio Lower Upper

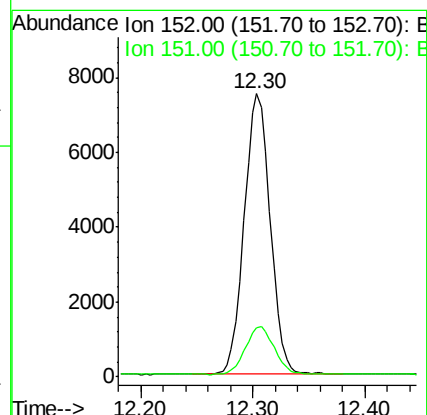
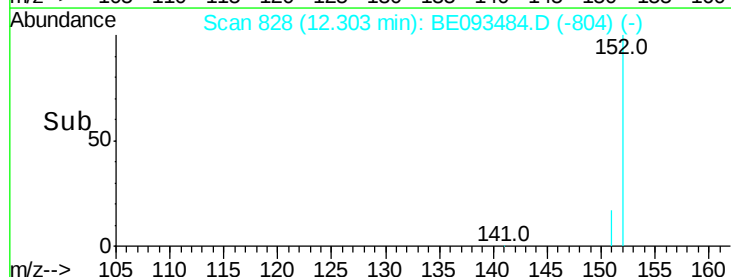
152 100

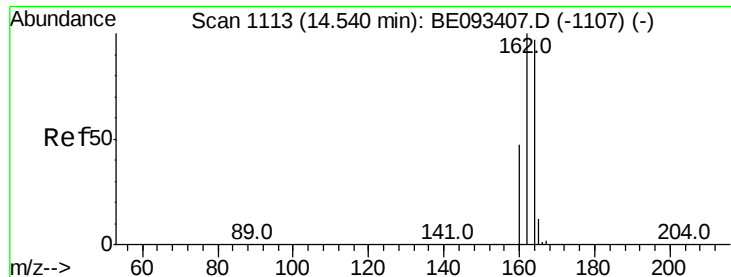
151 19.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093407.D (-817) (-)

Ion 151.00 (150.70 to 151.70): BE093407.D (-817) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

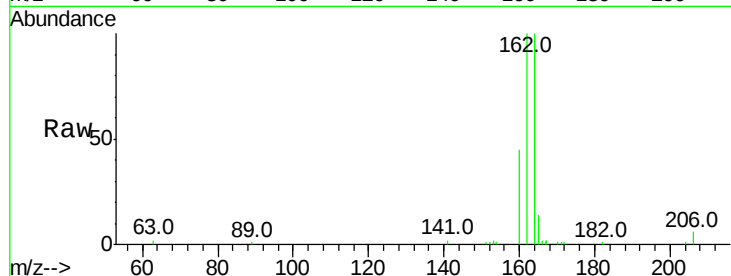
Tot Ion:164 Resp: 13445

Ion Ratio Lower Upper

164 100

162 99.9 84.6 127.0

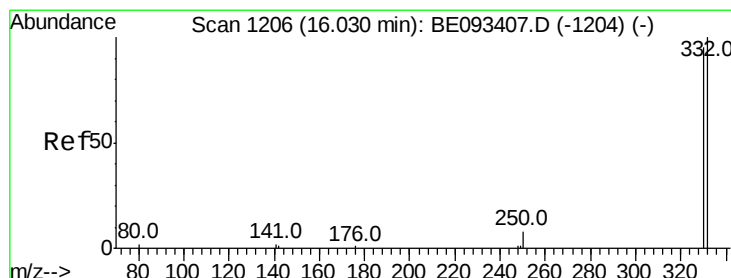
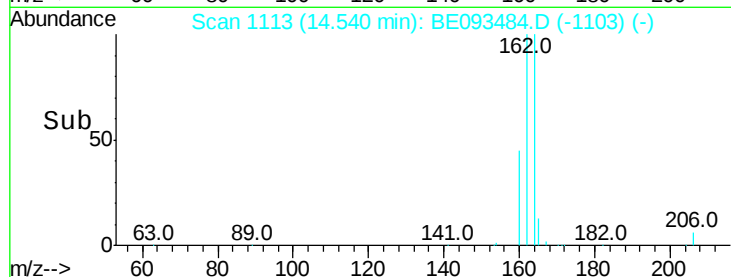
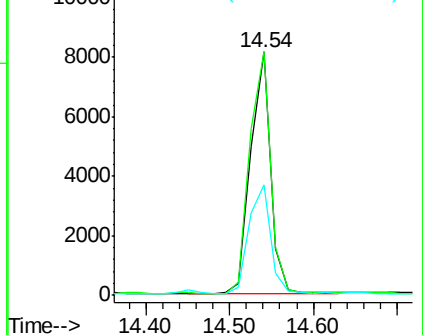
160 45.4 41.8 62.6



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: 0.289 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

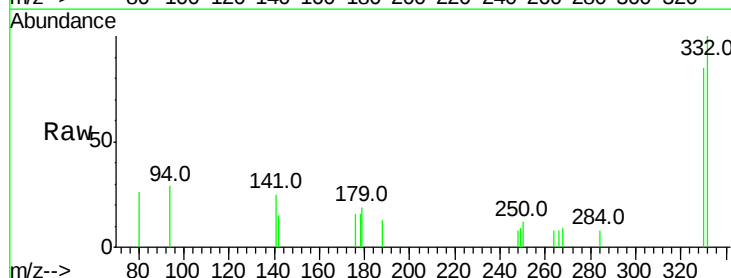
Tgt Ion:330 Resp: 1220

Ion Ratio Lower Upper

330 100

332 109.7 77.7 116.5

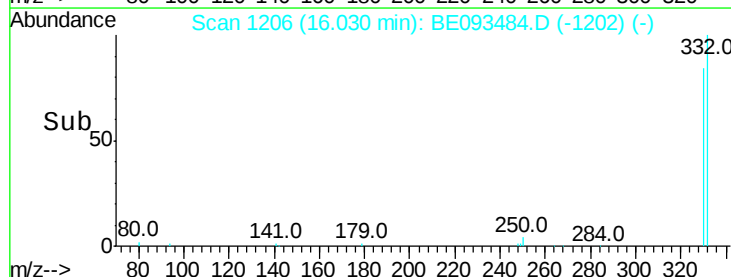
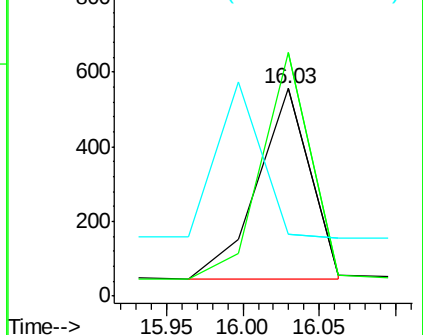
141 0.0 56.2 84.4#

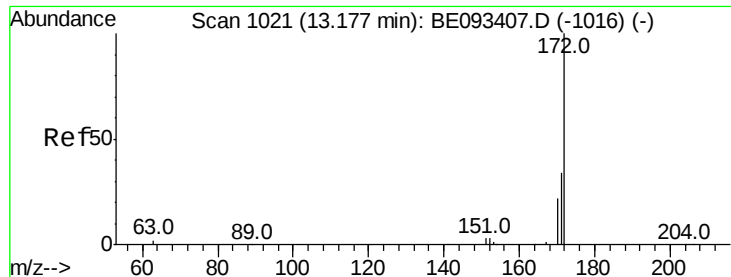


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

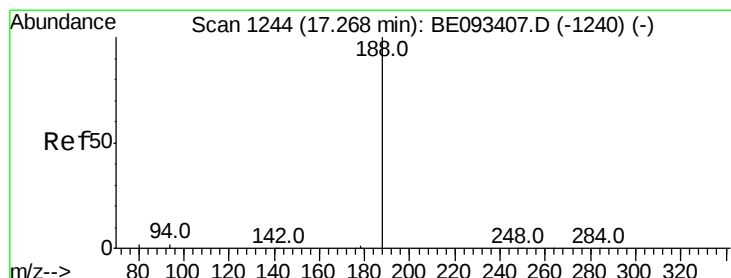
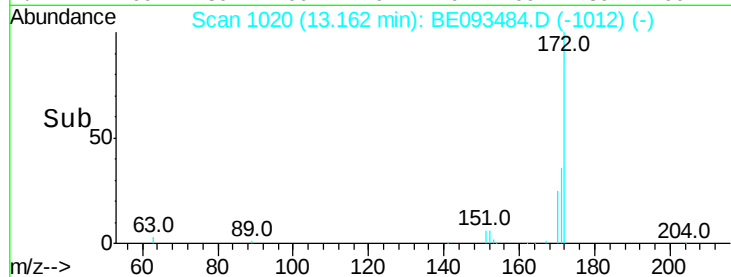
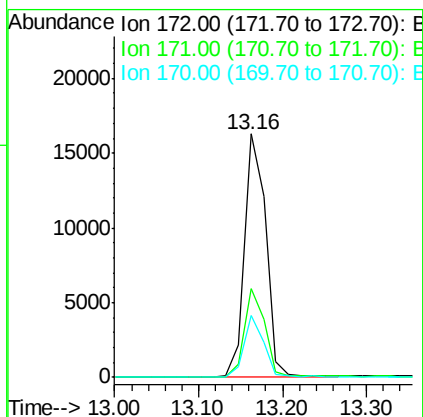
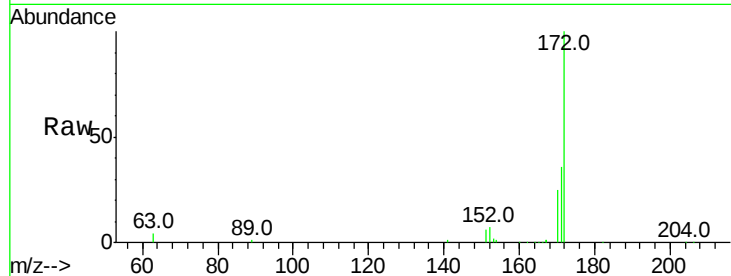




#15
2-Fluorobiphenyl
Concen: 0.544 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093484.D
Acq: 19 Jul 2017 14:44

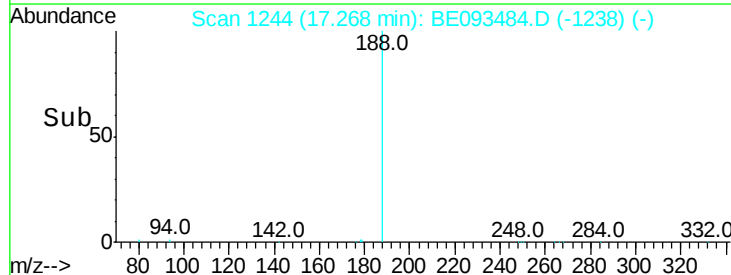
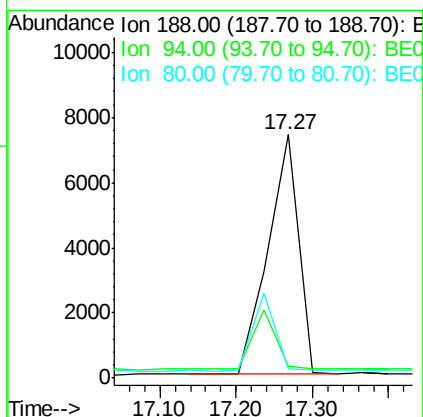
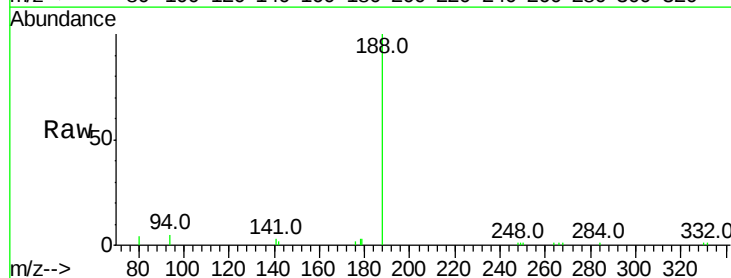
Instrument :
BNA_E
ClientSampled :
3562-PP2

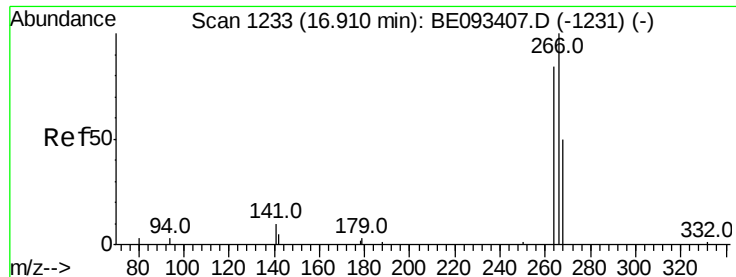
Tot Ion:172 Resp: 28401
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 25.2 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093484.D
Acq: 19 Jul 2017 14:44

Tgt Ion:188 Resp: 20757
Ion Ratio Lower Upper
188 100
94 4.8 11.3 16.9#
80 3.9 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.062 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

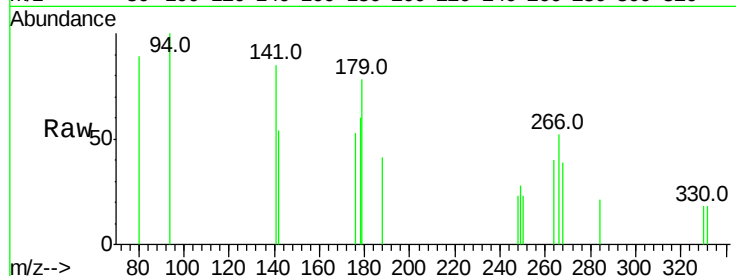
Tot Ion:266 Resp: 174

Ion Ratio Lower Upper

266 100

264 78.0 58.2 87.2

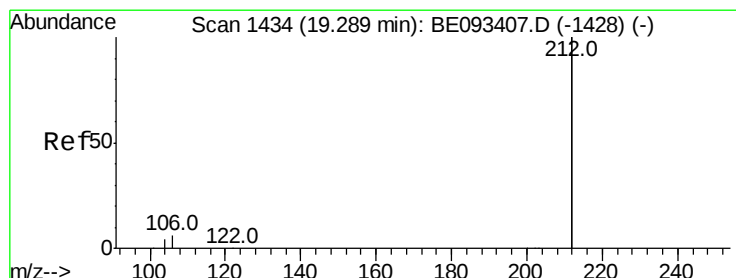
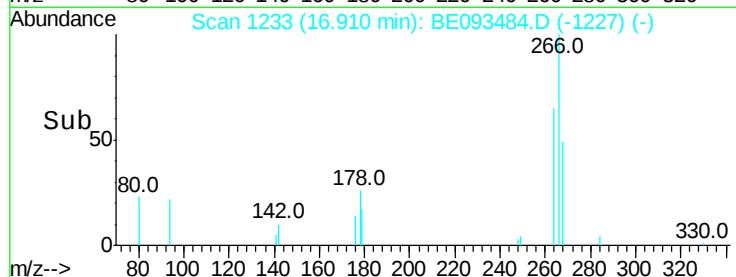
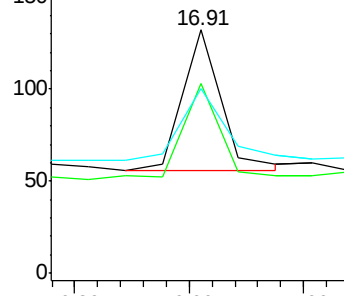
268 75.8 71.9 107.9



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



#25

Fluoranthene-d10

Concen: 0.577 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

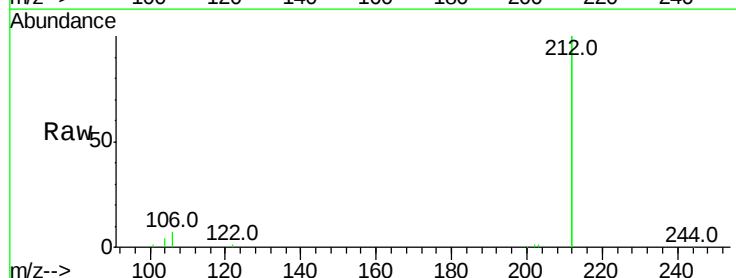
Tgt Ion:212 Resp: 144471

Ion Ratio Lower Upper

212 100

106 3.3 2.4 3.6

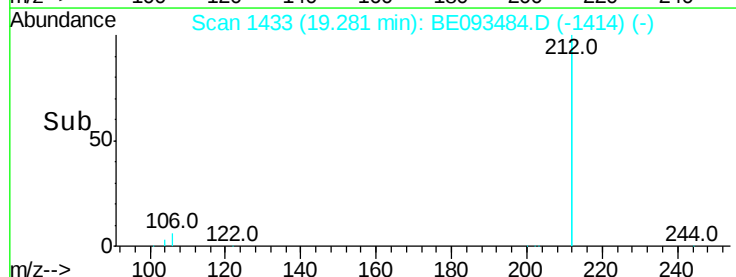
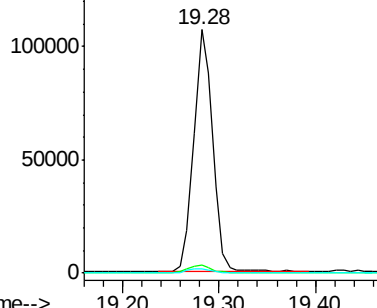
104 1.9 1.6 2.4

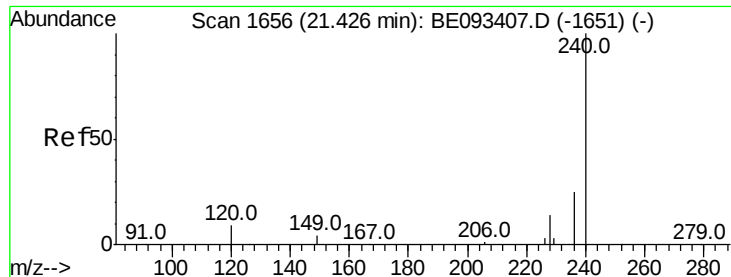


Abundance Ion 212.00 (211.70 to 212.70): E

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. -0.01 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

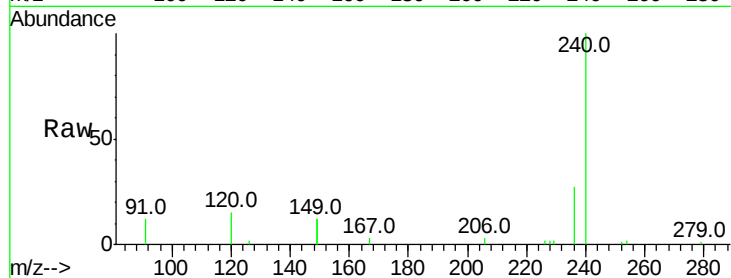
Tot Ion:240 Resp: 35044

Ion Ratio Lower Upper

240 100

120 15.2 4.6 7.0#

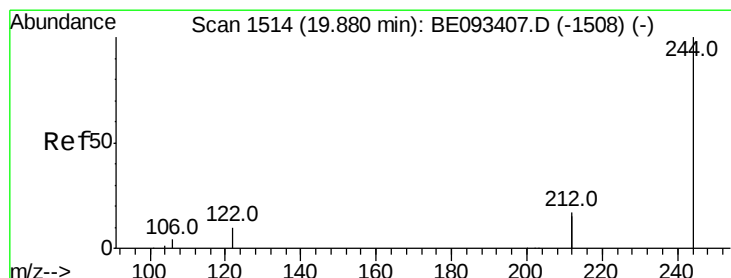
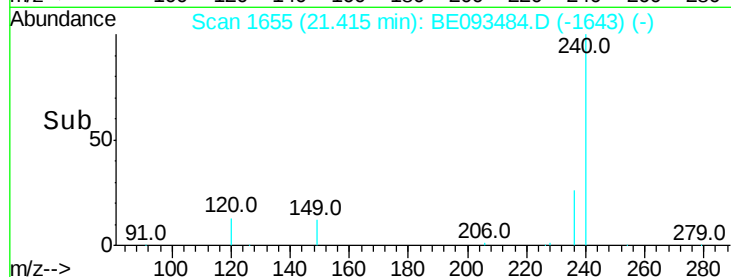
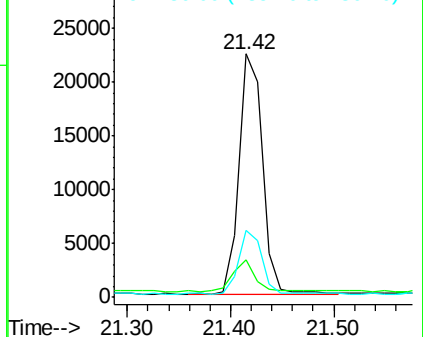
236 27.5 20.8 31.2



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: 0.893 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

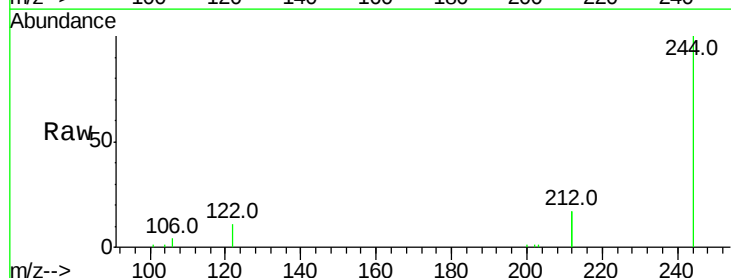
Tgt Ion:244 Resp: 55894

Ion Ratio Lower Upper

244 100

212 33.4 10.6 16.0#

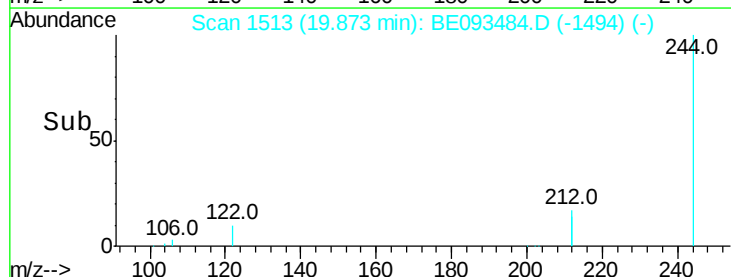
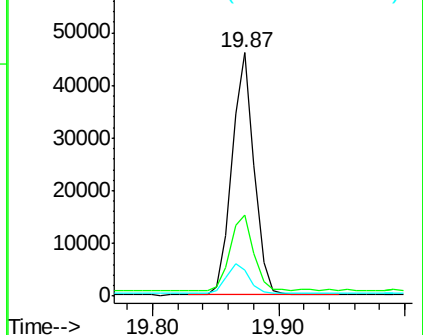
122 10.6 15.4 23.0#

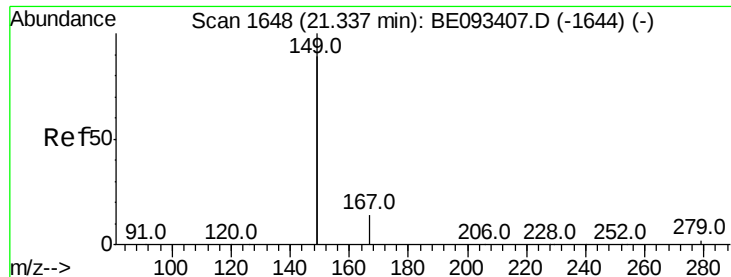


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.159 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

3562-PP2

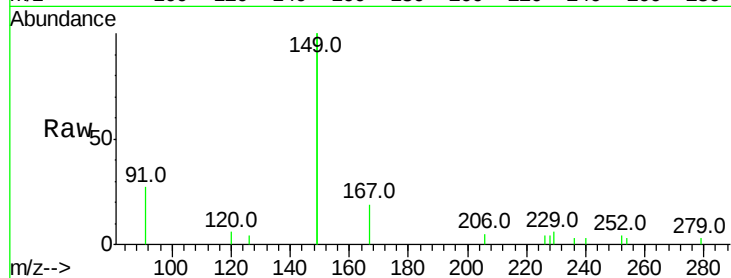
Tot Ion:149 Resp: 21601

Ion Ratio Lower Upper

149 100

167 7.1 20.1 30.1#

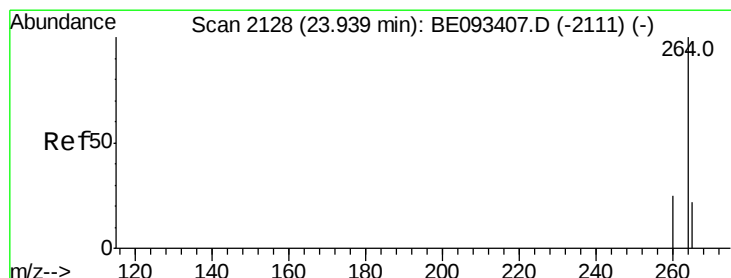
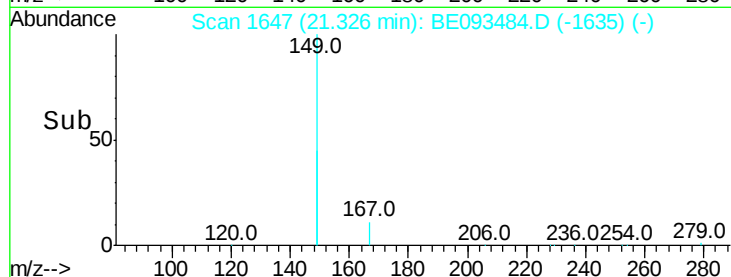
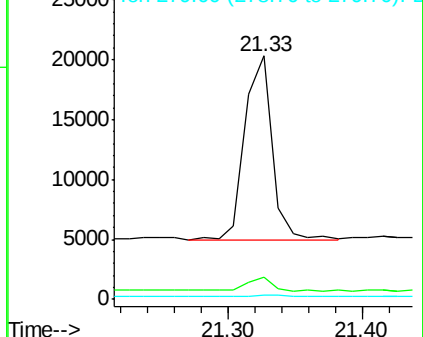
279 1.2 2.2 3.4#



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# 2126

Delta R.T. -0.01 min

Lab File: BE093484.D

Acq: 19 Jul 2017 14:44

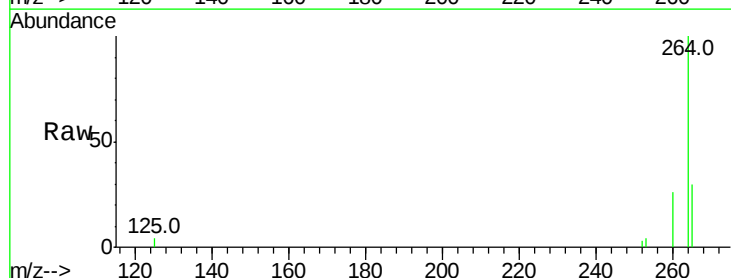
Tgt Ion:264 Resp: 30490

Ion Ratio Lower Upper

264 100

260 25.9 21.0 31.4

265 30.0 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

