

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093485.D
 Acq On : 19 Jul 2017 15:19
 Operator : SJ/JU
 Sample : I4199-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3563-PP3

Quant Time: Jul 20 13:14:41 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

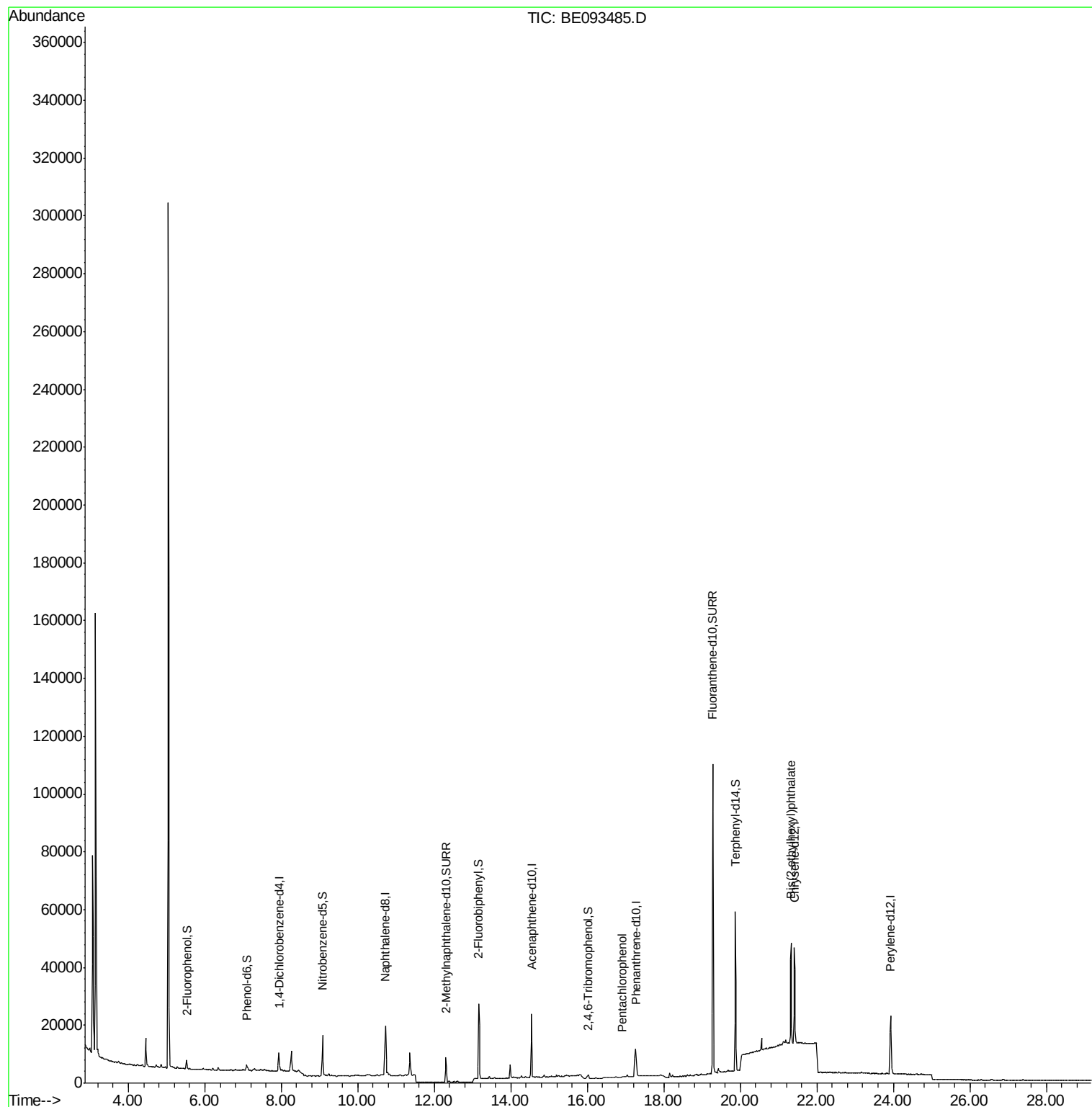
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3475	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	19609	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13174	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	23210	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35410	0.40	ng	-0.01
34) Perylene-d12	23.93	264	30826	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1709	0.16	ng	0.00
5) Phenol-d6	7.10	99	1849	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	5597	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	11266	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1160	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	25917	0.51	ng	-0.01
25) Fluoranthene-d10	19.28	212	143047	0.51	ng	0.00
29) Terphenyl-d14	19.87	244	47617	0.75	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	143	0.024	ng	Qvalue 91
32) Bis(2-ethylhexyl)phthalate	21.33	149	45567	0.331	ng	# 66

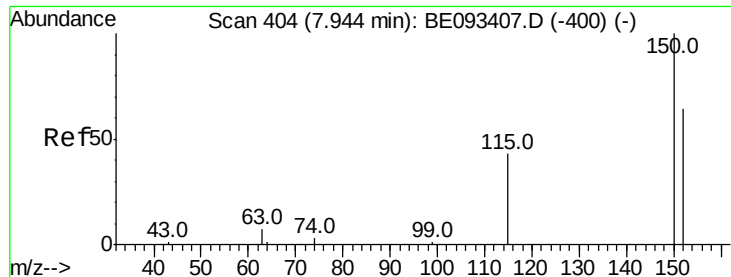
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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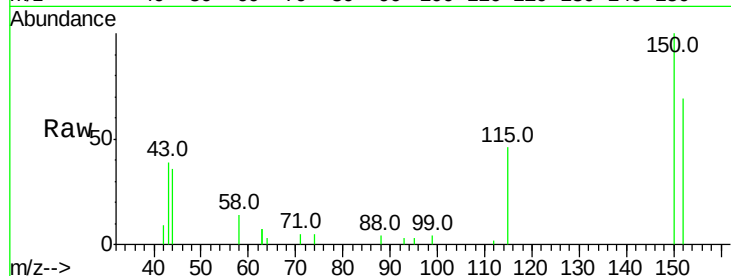


#1

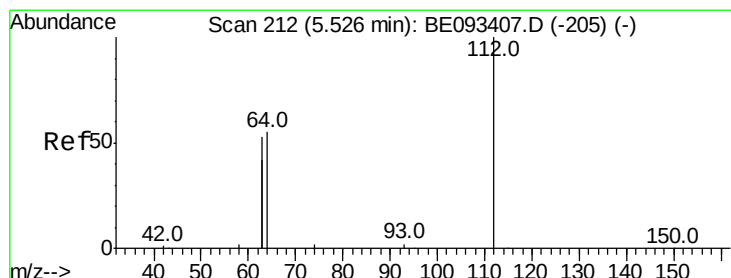
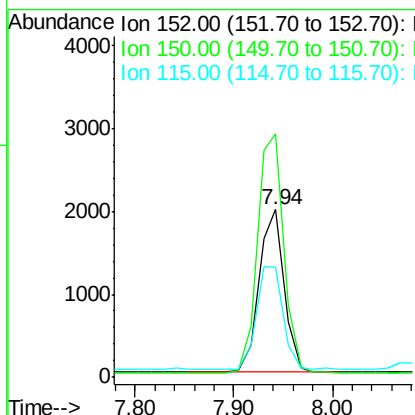
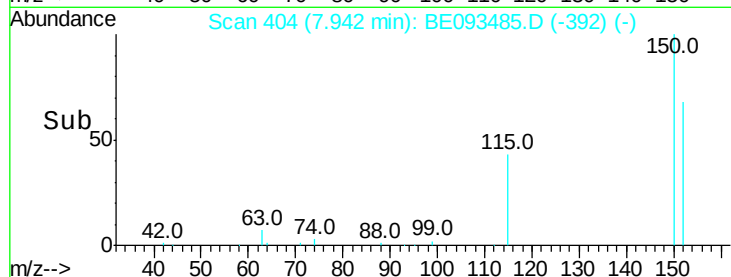
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Instrument :
BNA_E
ClientSampleId :
3563-PP3

Tot Ion:152 Resp: 3475
Ion Ratio Lower Upper
152 100
150 145.1 125.1 187.7
115 66.1 55.7 83.5



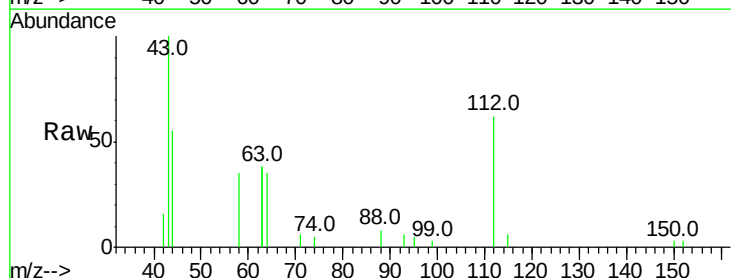
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



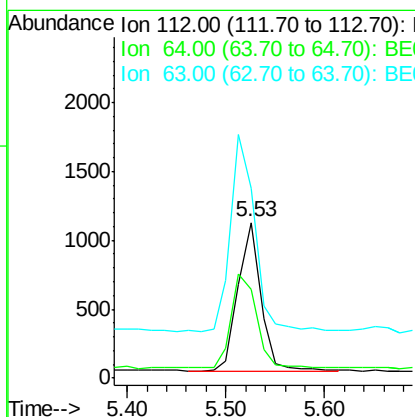
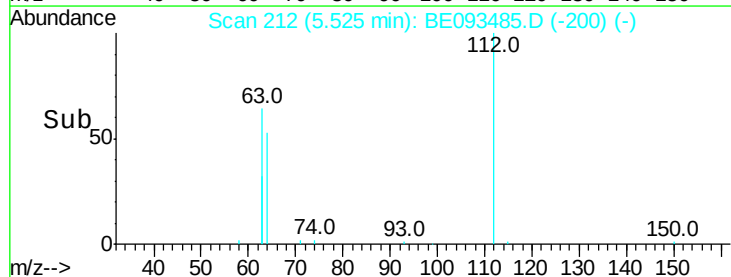
#4

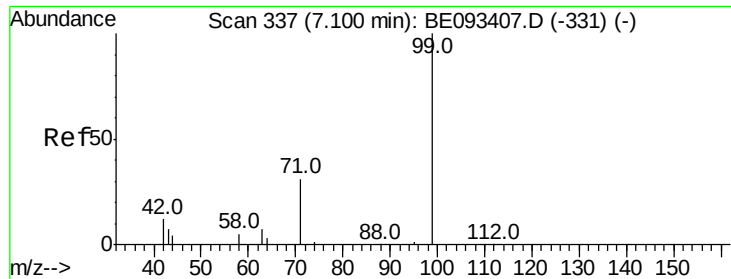
2-Fluorophenol
Concen: 0.163 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Tgt Ion:112 Resp: 1709
Ion Ratio Lower Upper
112 100
64 77.8 56.4 84.6
63 143.4 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: 0.120 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

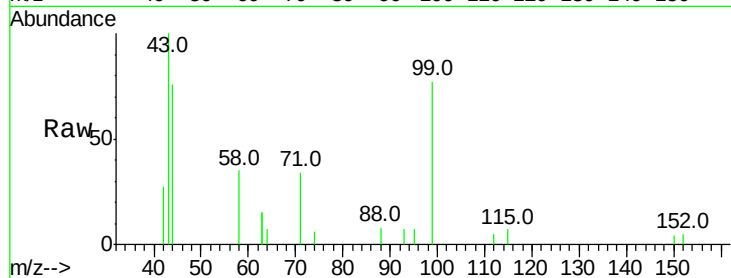
Tot Ion: 99 Resp: 1849

Ion Ratio Lower Upper

99 100

42 21.3 0.0 0.0#

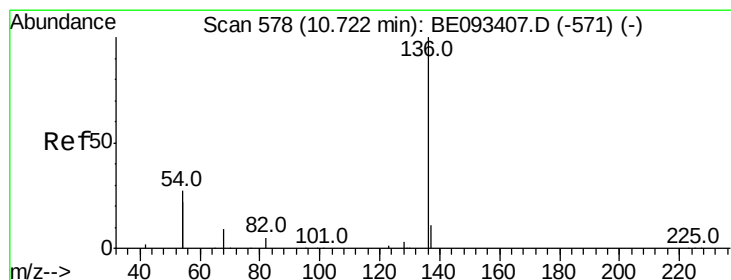
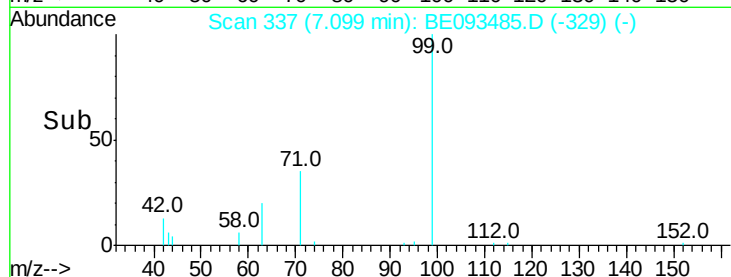
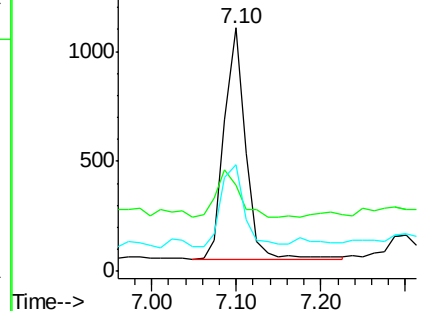
71 38.3 0.0 0.0#



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: BE093485.D

Acq: 19 Jul 2017 15:19

Tgt Ion: 136 Resp: 19609

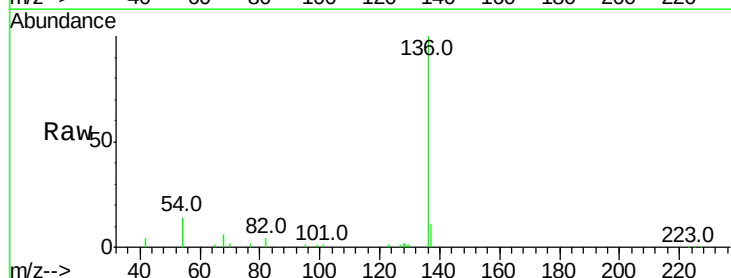
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 27.4 10.3 15.5#

68 6.1 9.0 13.4#

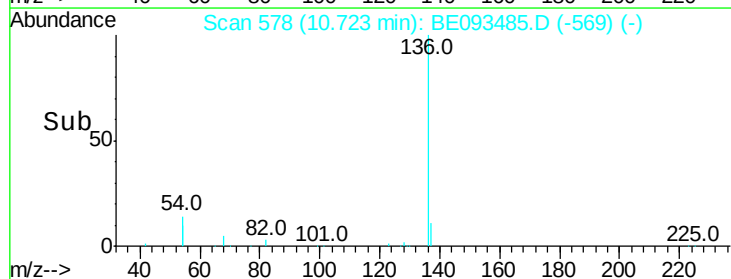
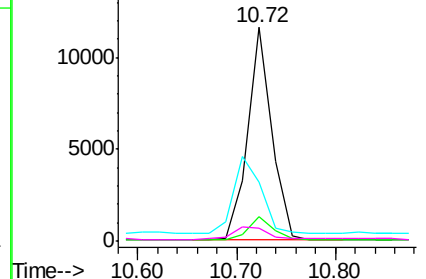


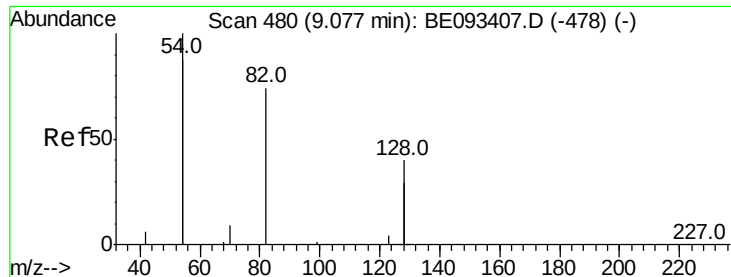
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.447 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

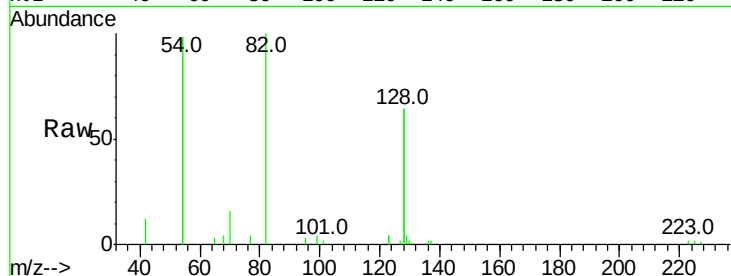
Tot Ion: 82 Resp: 5597

Ion Ratio Lower Upper

82 100

128 128.3 17.0 25.4#

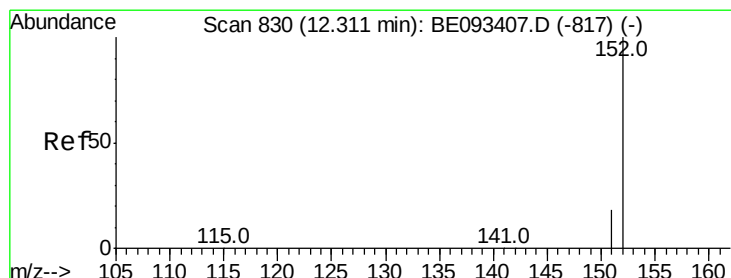
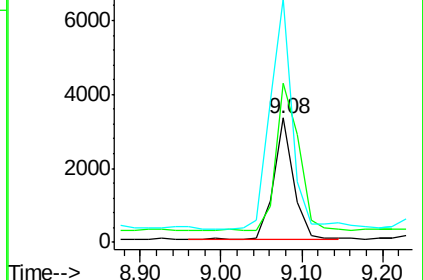
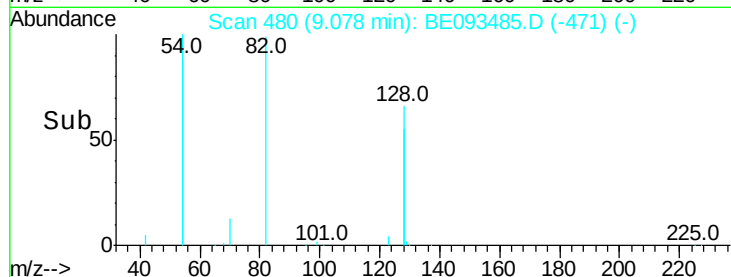
54 195.7 53.8 80.6#



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: 0.360 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093485.D

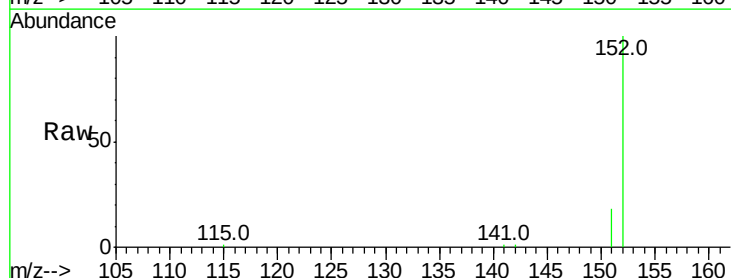
Acq: 19 Jul 2017 15:19

Tgt Ion: 152 Resp: 11266

Ion Ratio Lower Upper

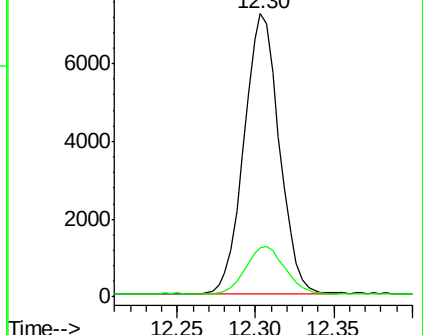
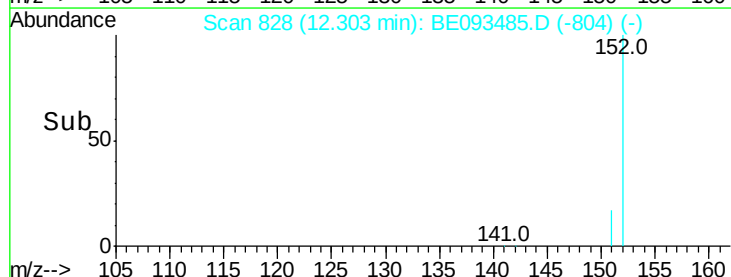
152 100

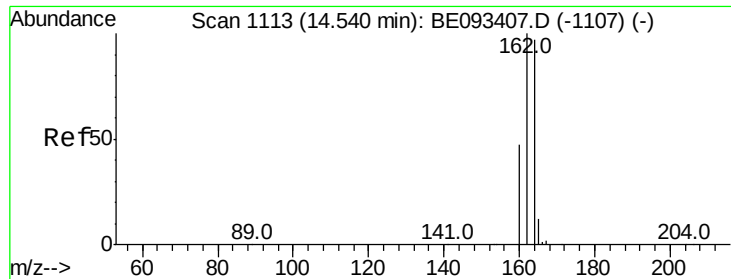
151 19.1 15.1 22.7



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: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

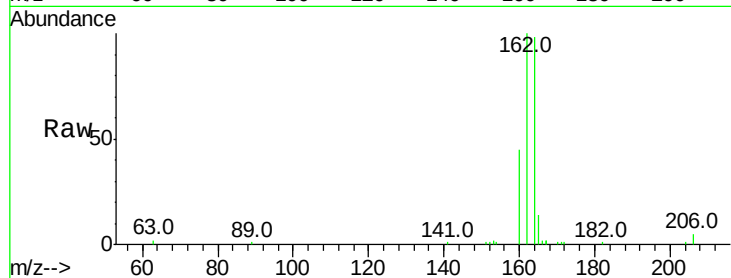
Tot Ion:164 Resp: 13174

Ion Ratio Lower Upper

164 100

162 101.8 84.6 127.0

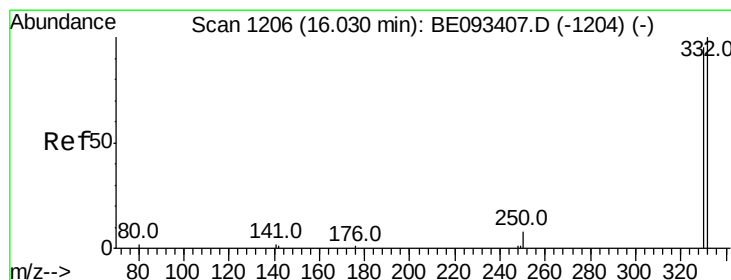
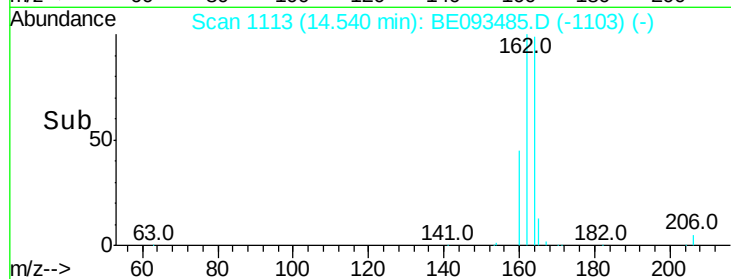
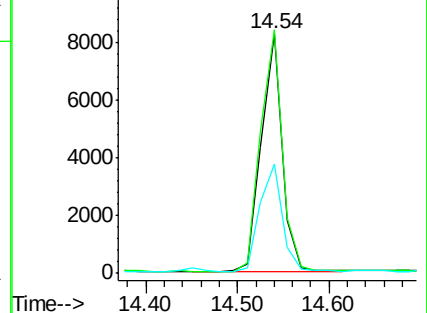
160 45.7 41.8 62.6



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: 0.280 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

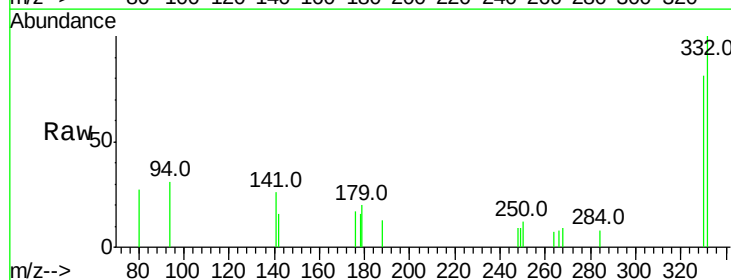
Tgt Ion:330 Resp: 1160

Ion Ratio Lower Upper

330 100

332 115.3 77.7 116.5

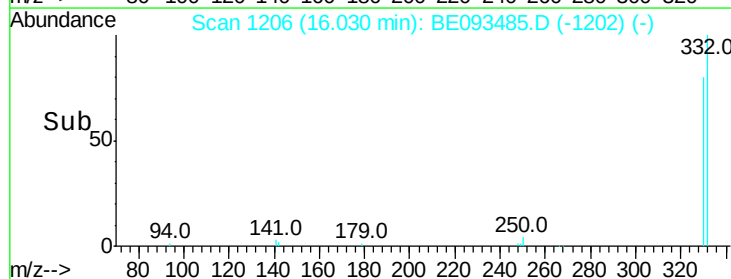
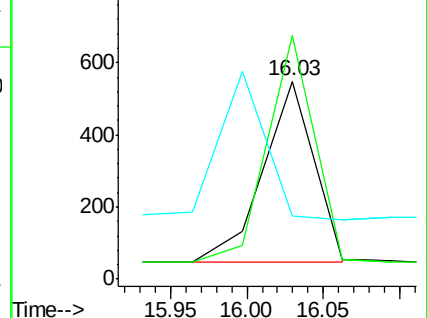
141 0.0 56.2 84.4#

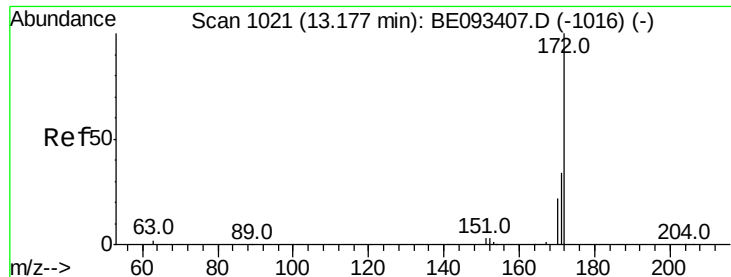


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

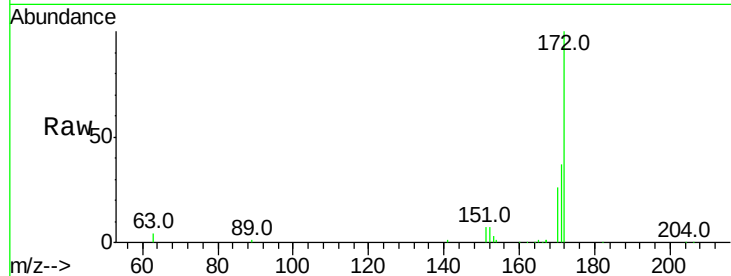




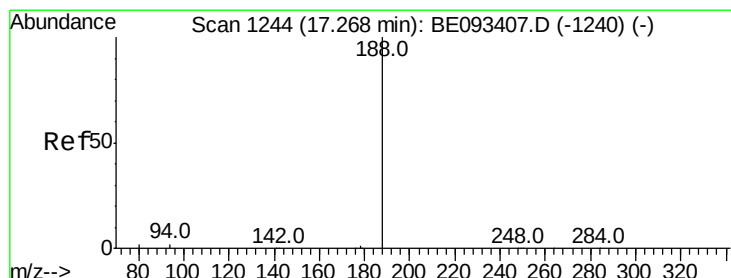
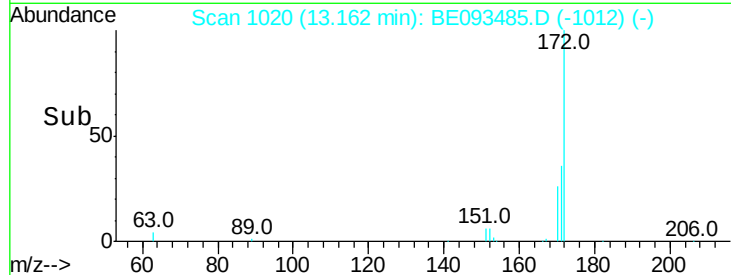
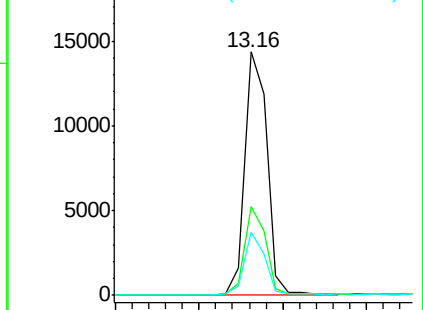
#15
2-Fluorobiphenyl
Concen: 0.507 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Instrument :
BNA_E
ClientSampleId :
3563-PP3

Tot Ion:172 Resp: 25917
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 25.9 20.7 31.1

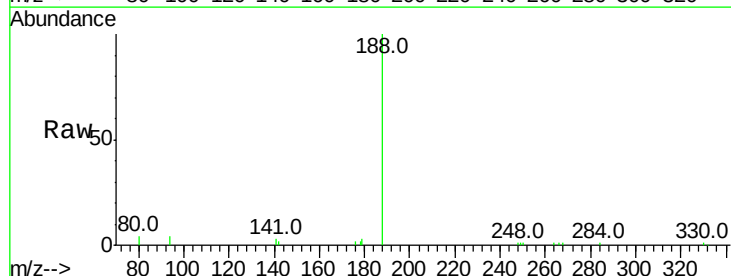


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

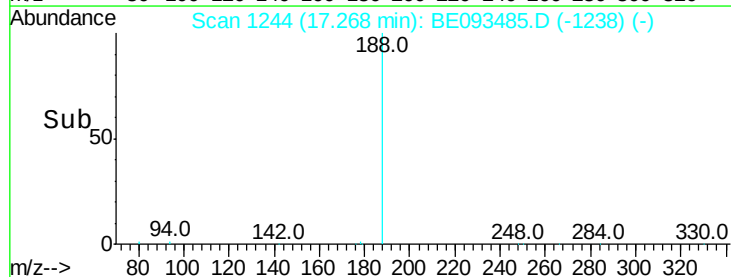
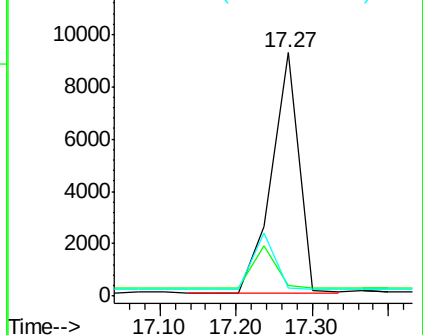


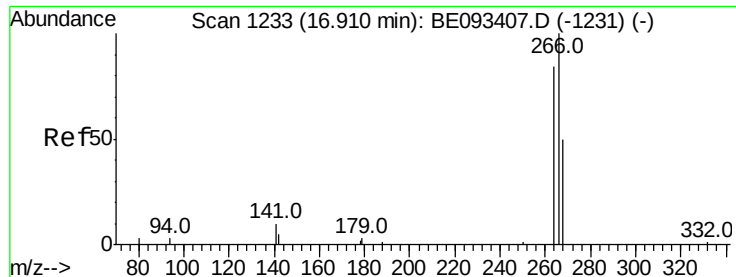
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093485.D
Acq: 19 Jul 2017 15:19

Tgt Ion:188 Resp: 23210
Ion Ratio Lower Upper
188 100
94 4.3 11.3 16.9#
80 3.6 11.7 17.5#



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





#22

Pentachlorophenol

Concen: 0.024 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

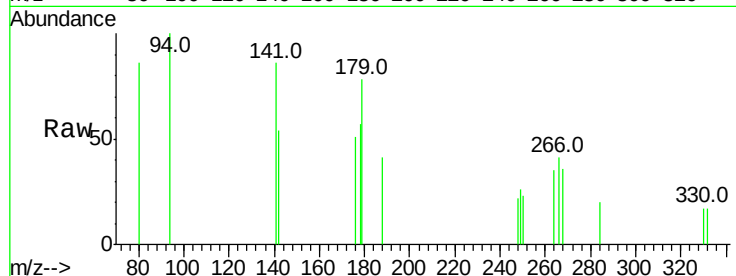
Tot Ion:266 Resp: 143

Ion Ratio Lower Upper

266 100

264 85.2 58.2 87.2

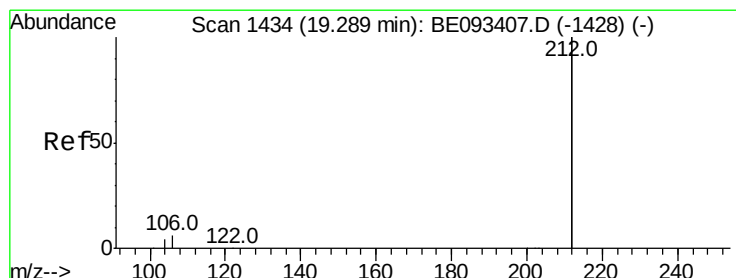
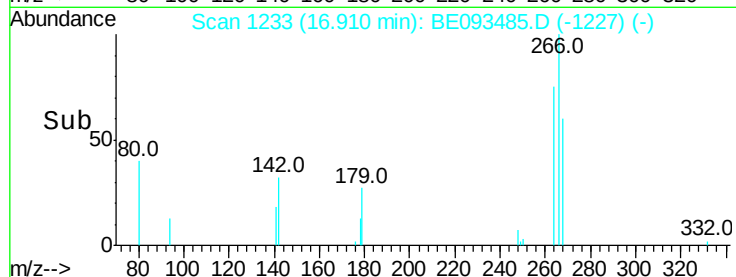
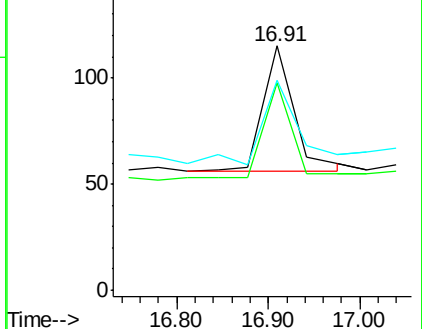
268 86.1 71.9 107.9



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: 0.511 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

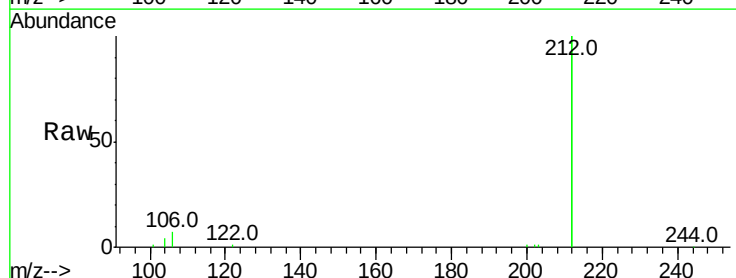
Tgt Ion:212 Resp: 143047

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

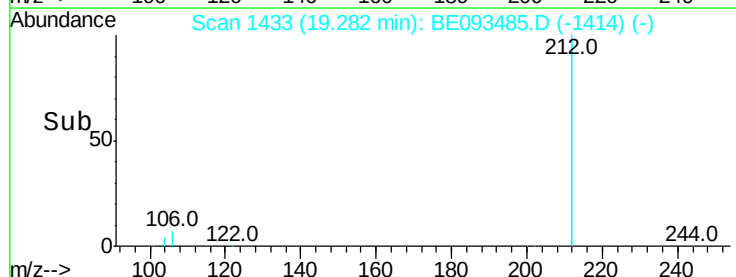
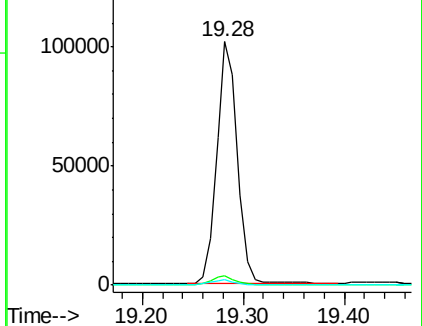
104 1.9 1.6 2.4

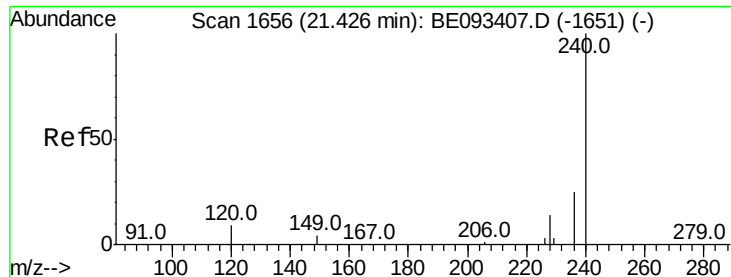


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

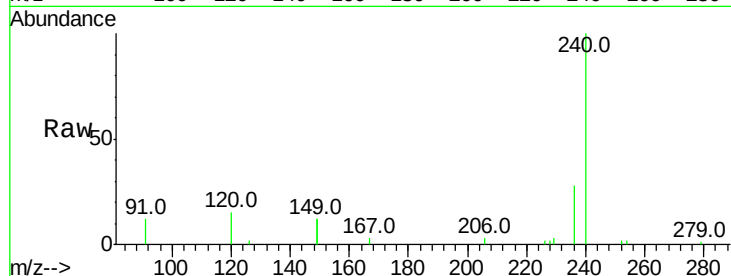
Tot Ion:240 Resp: 35410

Ion Ratio Lower Upper

240 100

120 14.6 4.6 7.0#

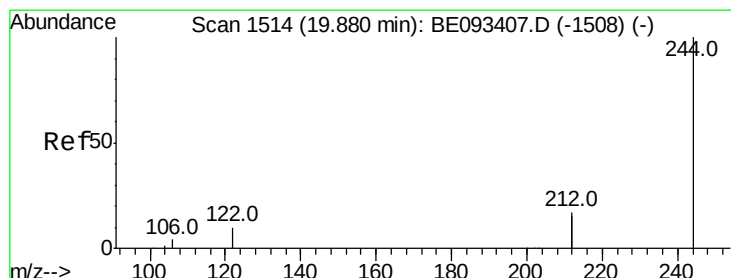
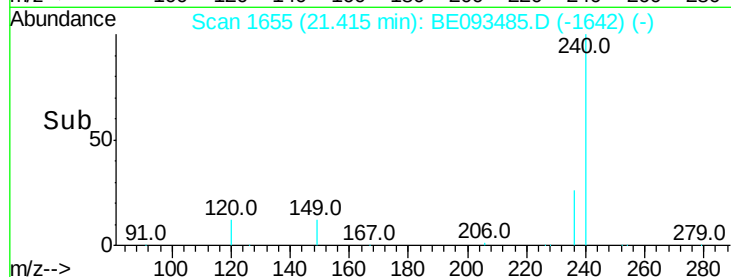
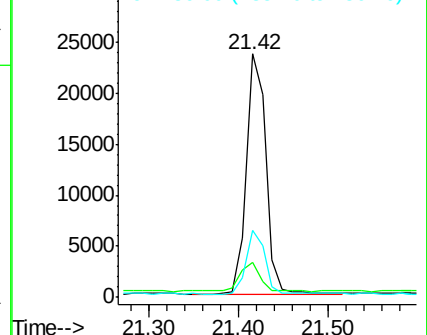
236 27.7 20.8 31.2



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: 0.753 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

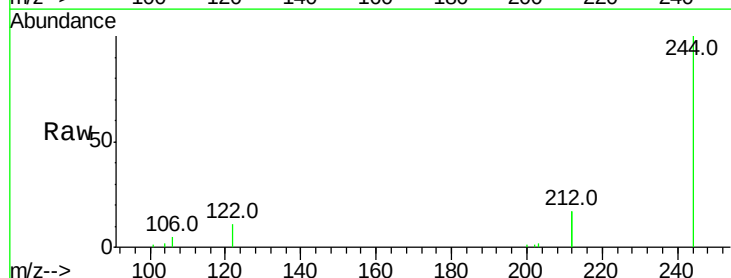
Tgt Ion:244 Resp: 47617

Ion Ratio Lower Upper

244 100

212 34.2 10.6 16.0#

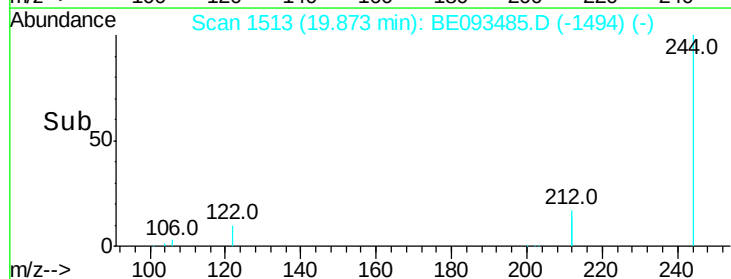
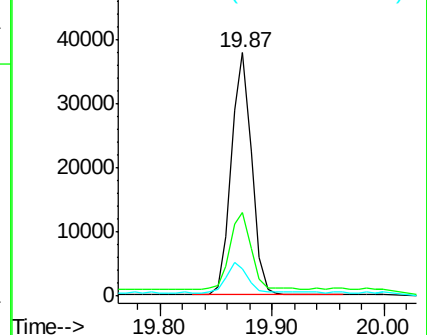
122 11.3 15.4 23.0#

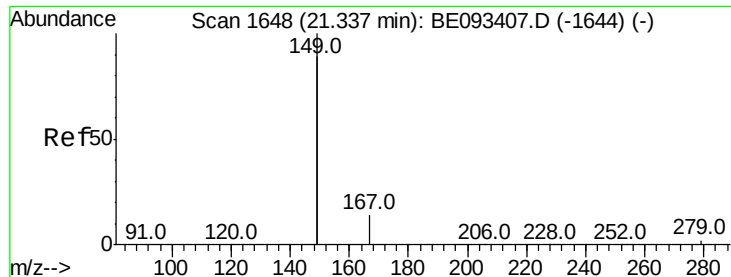


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.331 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

Instrument :

BNA_E

ClientSampleId :

3563-PP3

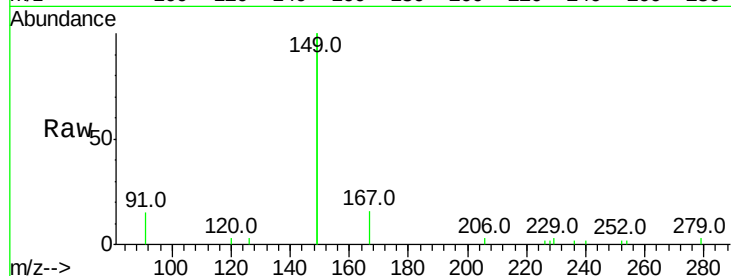
Tot Ion:149 Resp: 45567

Ion Ratio Lower Upper

149 100

167 6.6 20.1 30.1#

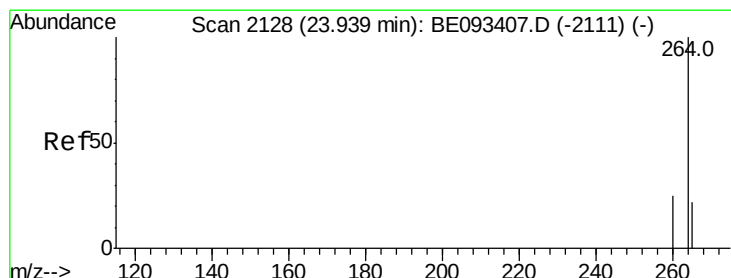
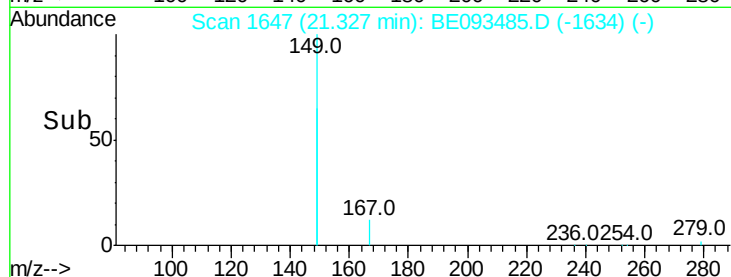
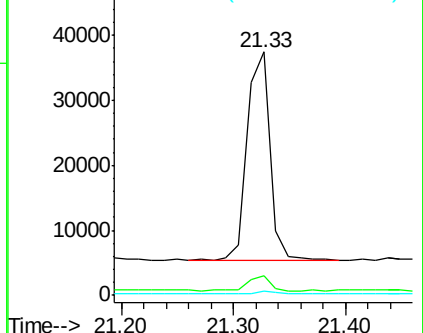
279 1.0 2.2 3.4#



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# 2125

Delta R.T. -0.01 min

Lab File: BE093485.D

Acq: 19 Jul 2017 15:19

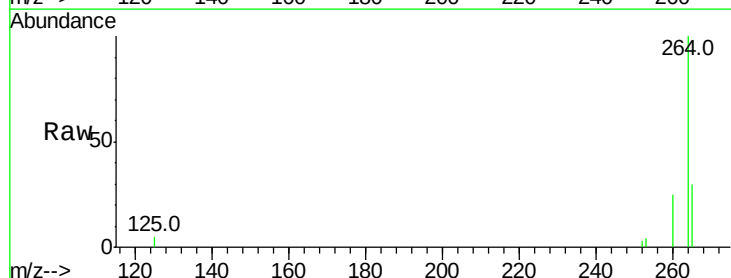
Tgt Ion:264 Resp: 30826

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 29.7 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

