

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093489.D
 Acq On : 19 Jul 2017 17:49
 Operator : SJ/JU
 Sample : I4199-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

Quant Time: Jul 20 13:22:26 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

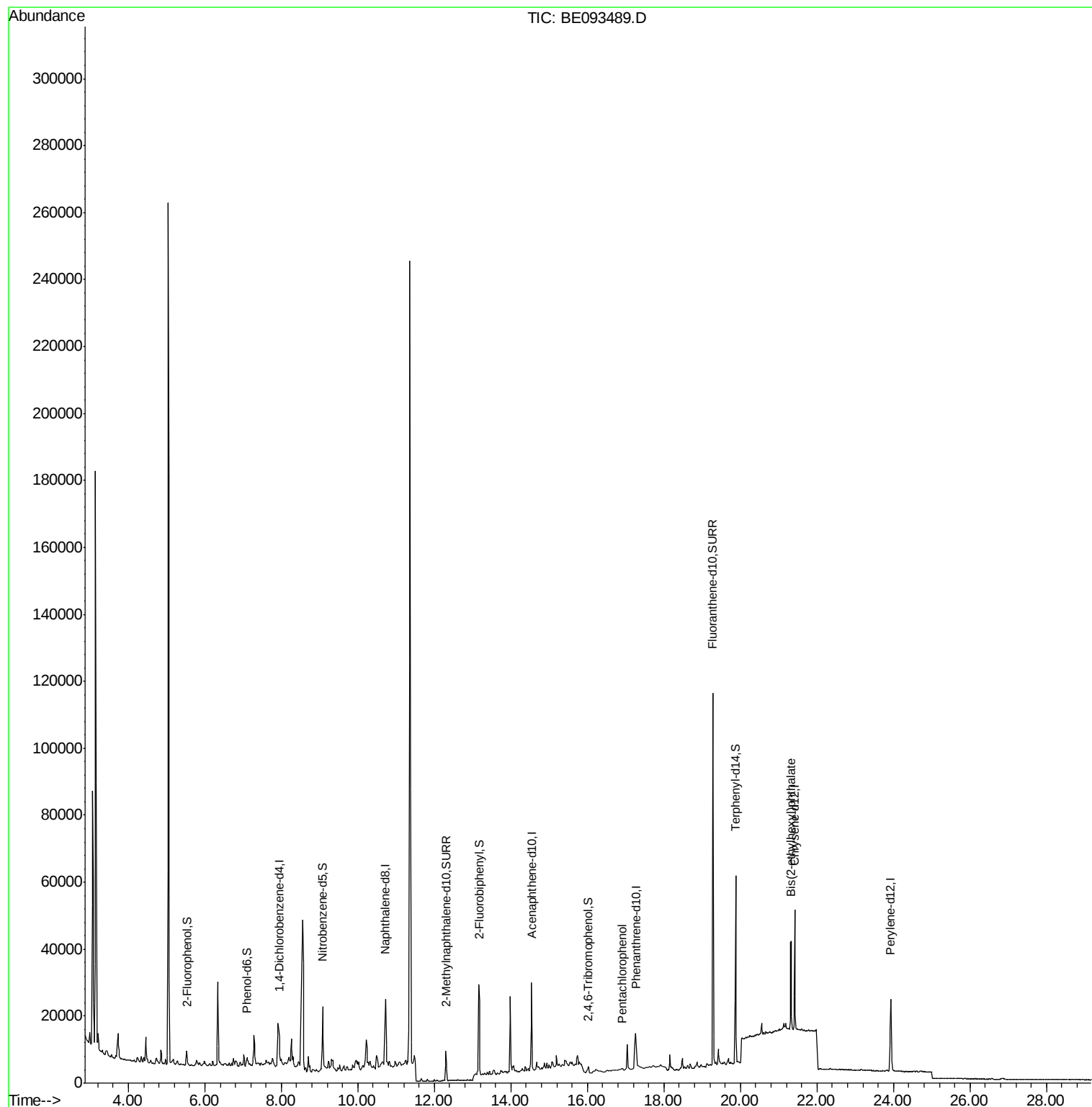
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3997	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	23264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	15493	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	24844	0.40	ng	0.00
27) Chrysene-d12	21.42	240	37621	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32774	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2178	0.18	ng	0.00
5) Phenol-d6	7.10	99	2370	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	6783	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12104	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1860	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	28279	0.47	ng	-0.02
25) Fluoranthene-d10	19.28	212	140180	0.47	ng	0.00
29) Terphenyl-d14	19.87	244	48690	0.72	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	489	0.241	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	36755	0.251	ng	# 67

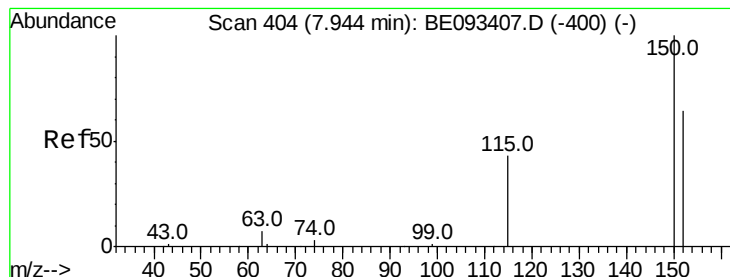
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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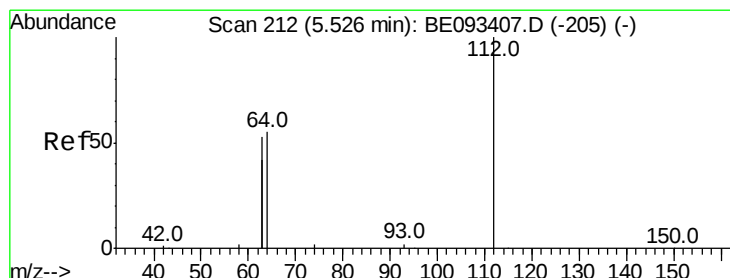
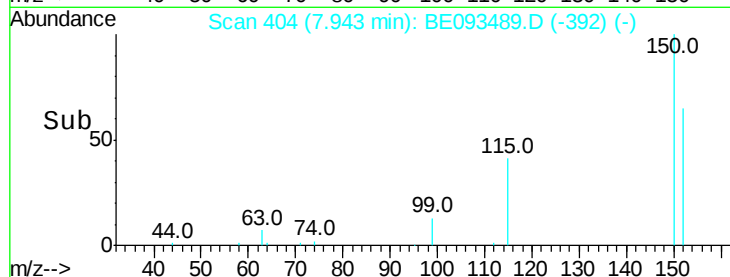
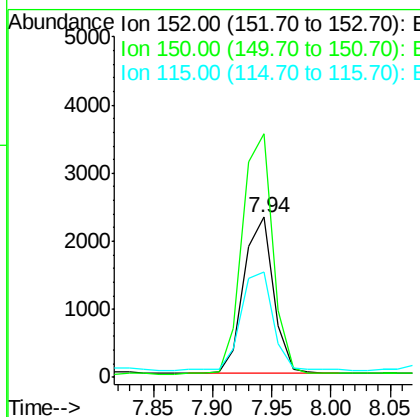
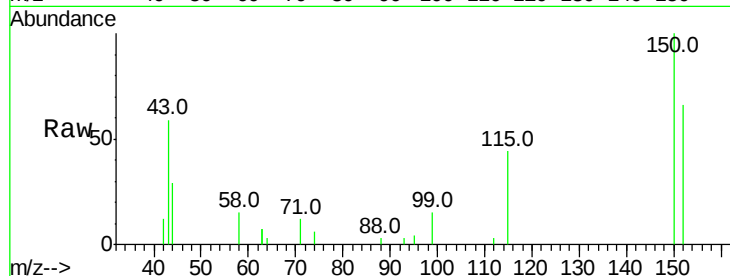




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

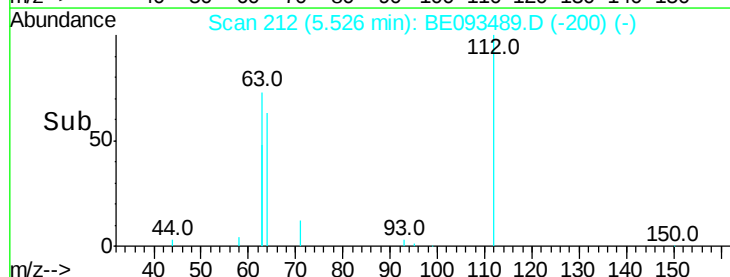
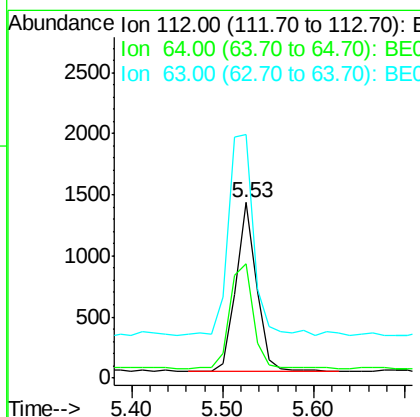
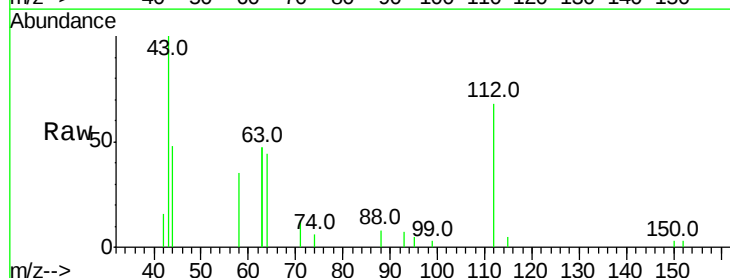
Instrument :
 BNA_E
 ClientSampleId :
 3567-SPP2

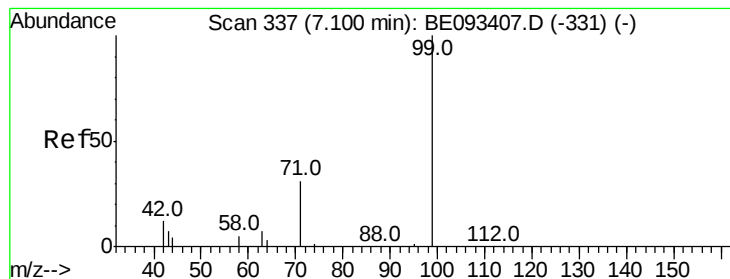
Tot Ion:152 Resp: 3997
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.1 187.7
 115 66.3 55.7 83.5



#4
 2-Fluorophenol
 Concen: 0.181 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093489.D
 Acq: 19 Jul 2017 17:49

Tgt Ion:112 Resp: 2178
 Ion Ratio Lower Upper
 112 100
 64 71.5 56.4 84.6
 63 143.4 29.3 43.9#





#5

Phenol-d6

Concen: 0.133 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

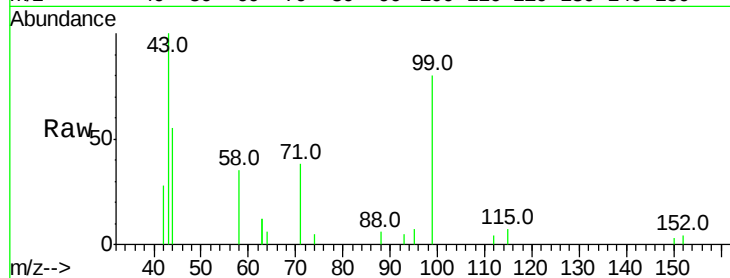
Tot Ion: 99 Resp: 2370

Ion Ratio Lower Upper

99 100

42 16.8 0.0 0.0#

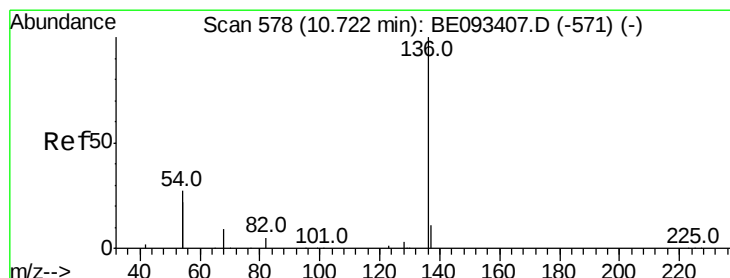
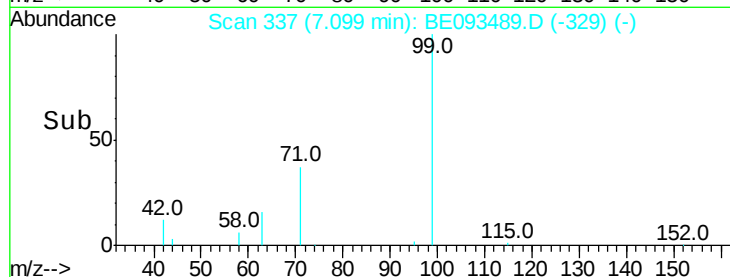
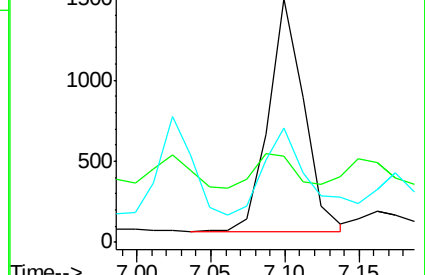
71 47.4 0.0 0.0#



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: BE093489.D

Acq: 19 Jul 2017 17:49

Tgt Ion: 136 Resp: 23264

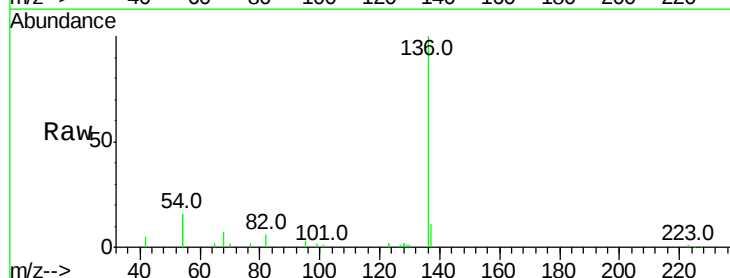
Ion Ratio Lower Upper

136 100

137 11.1 9.8 14.8

54 31.7 10.3 15.5#

68 7.0 9.0 13.4#

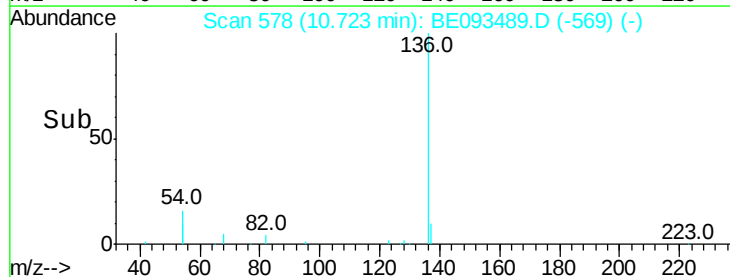
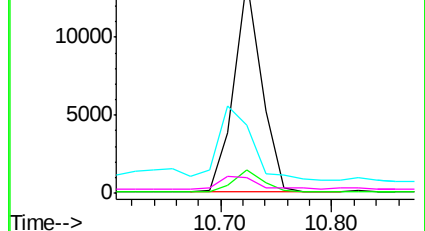


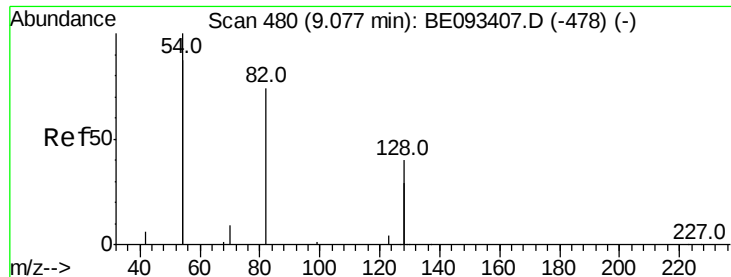
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.456 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

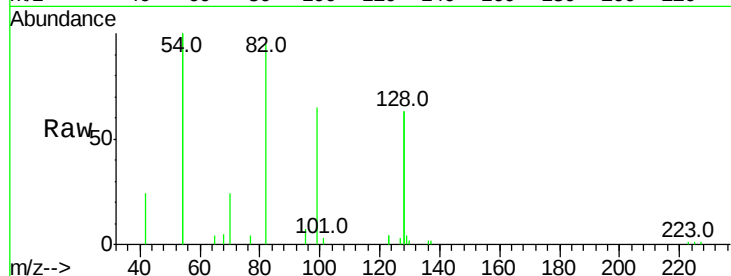
Tot Ion: 82 Resp: 6783

Ion Ratio Lower Upper

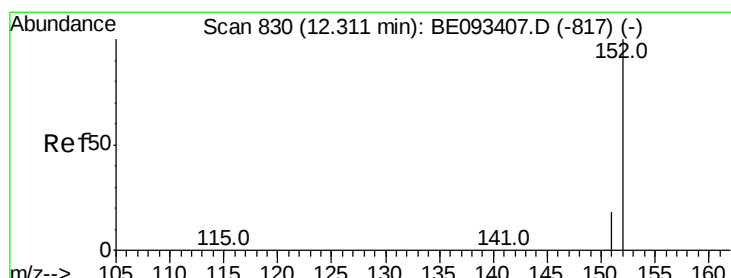
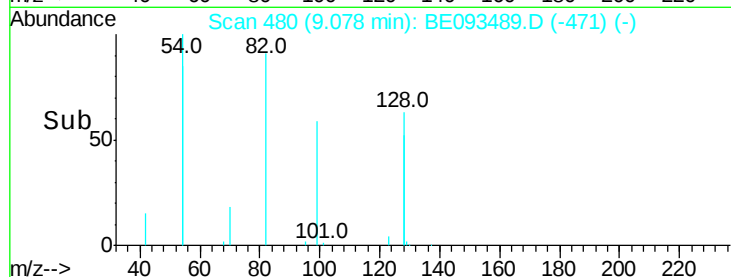
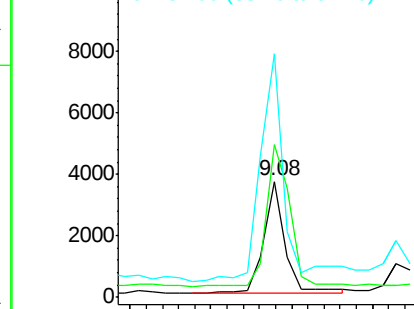
82 100

128 131.9 17.0 25.4#

54 210.0 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093489.D

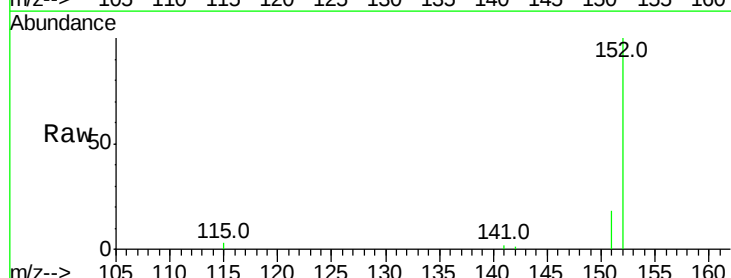
Acq: 19 Jul 2017 17:49

Tgt Ion: 152 Resp: 12104

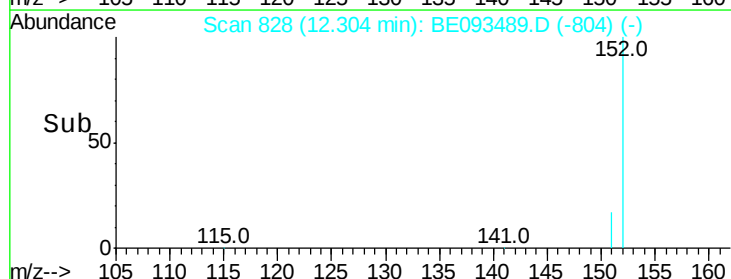
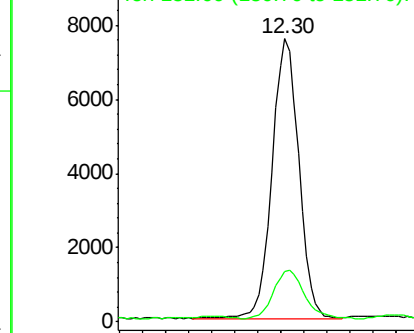
Ion Ratio Lower Upper

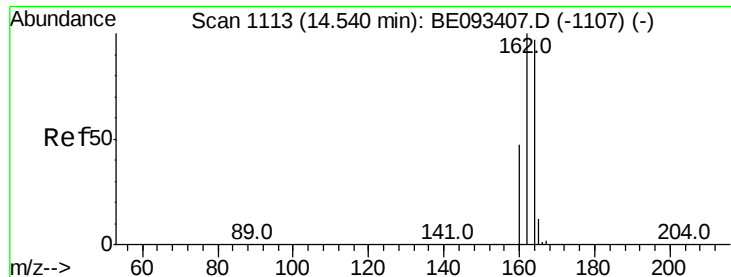
152 100

151 19.6 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# 1112

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampled :

3567-SPP2

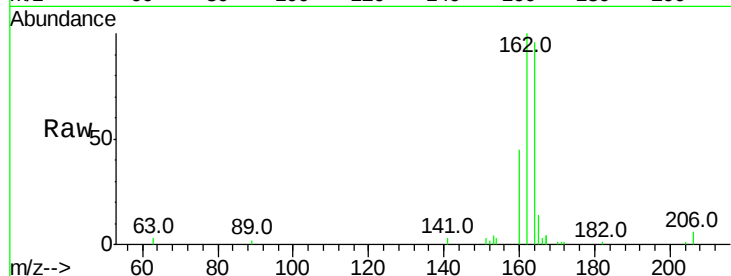
Tot Ion:164 Resp: 15493

Ion Ratio Lower Upper

164 100

162 104.0 84.6 127.0

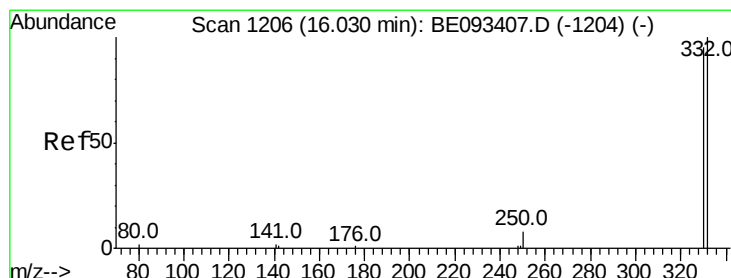
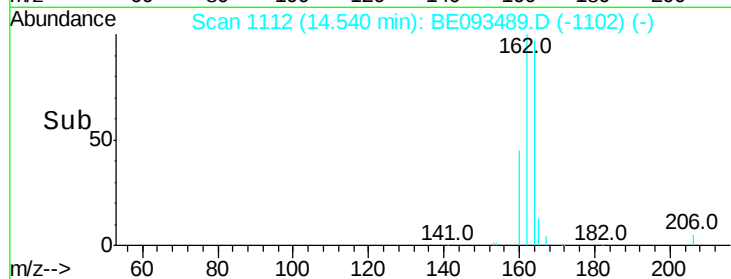
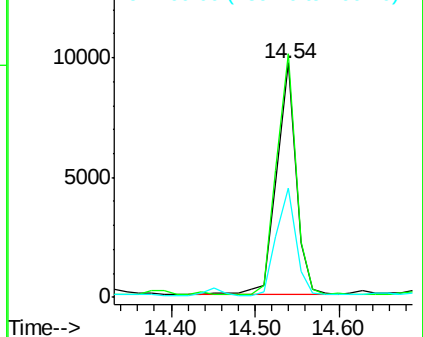
160 46.7 41.8 62.6



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: 0.382 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

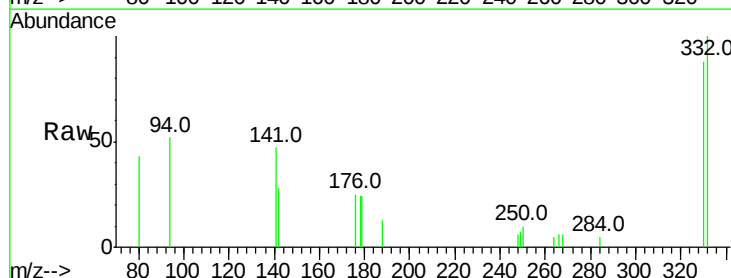
Tgt Ion:330 Resp: 1860

Ion Ratio Lower Upper

330 100

332 110.0 77.7 116.5

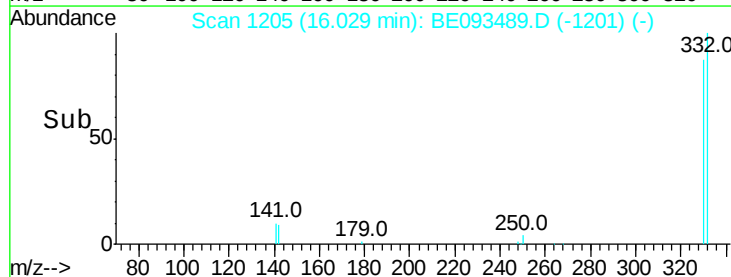
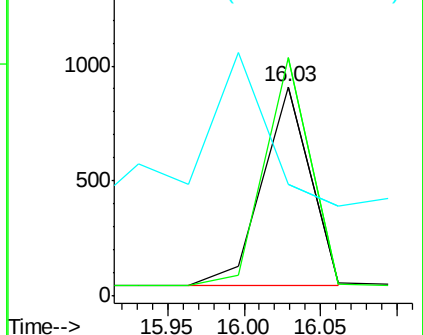
141 0.0 56.2 84.4#

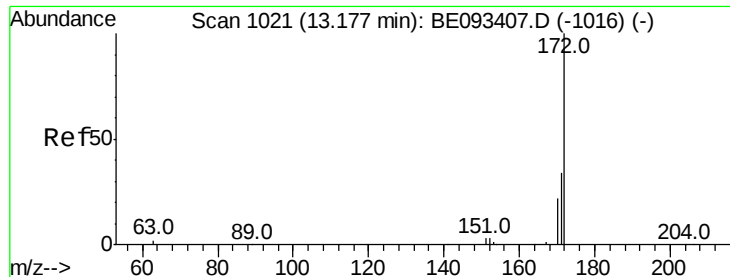


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

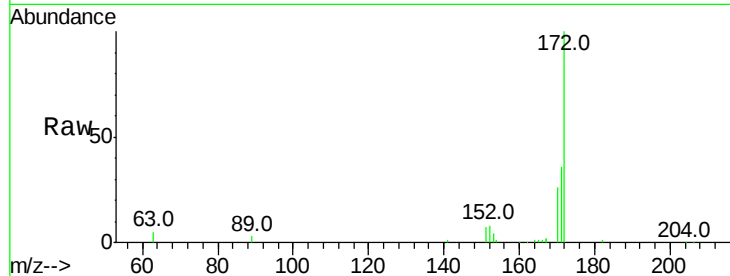




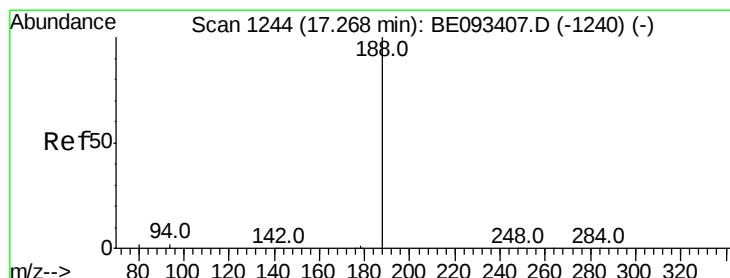
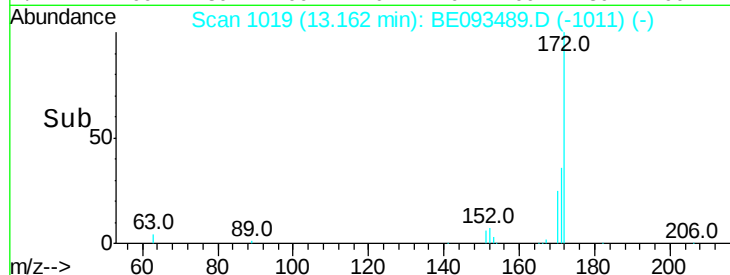
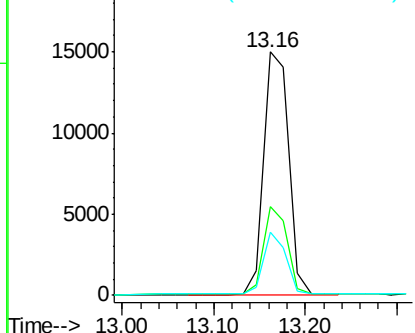
#15
2-Fluorobiphenyl
Concen: 0.470 ng
RT: 13.16 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093489.D
Acq: 19 Jul 2017 17:49

Instrument :
BNA_E
ClientSampleId :
3567-SPP2

Tot Ion:172 Resp: 28279
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 25.8 20.7 31.1

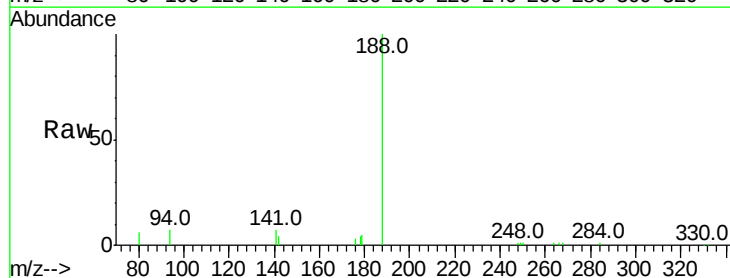


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

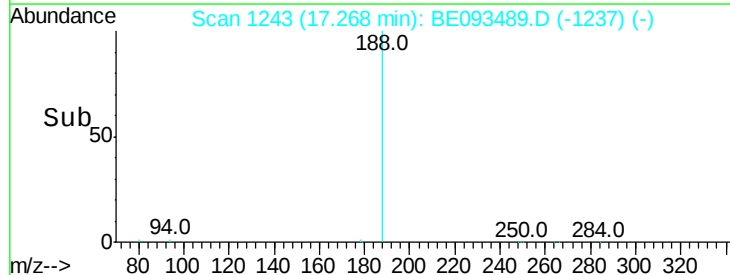
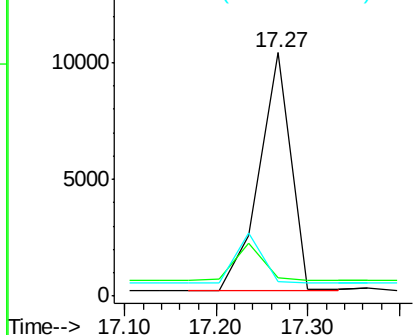


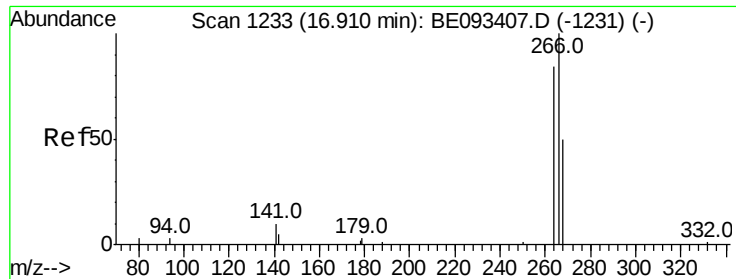
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093489.D
Acq: 19 Jul 2017 17:49

Tgt Ion:188 Resp: 24844
Ion Ratio Lower Upper
188 100
94 7.4 11.3 16.9#
80 6.0 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: 0.241 ng

RT: 16.91 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

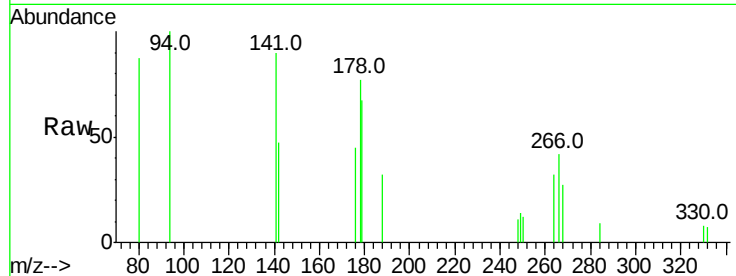
Tot Ion:266 Resp: 489

Ion Ratio Lower Upper

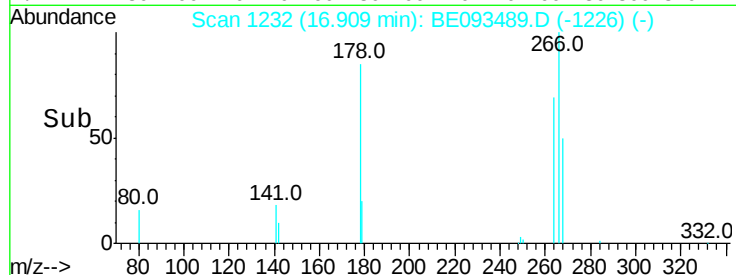
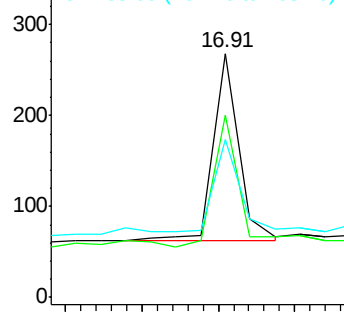
266 100

264 75.0 58.2 87.2

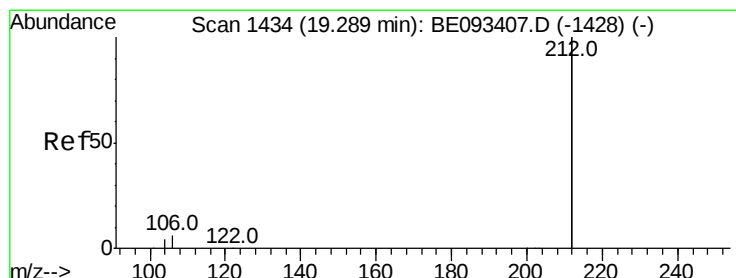
268 64.6 71.9 107.9#



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



Time-->



#25

Fluoranthene-d10

Concen: 0.468 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

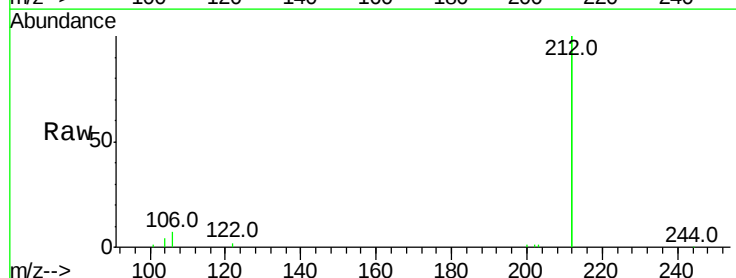
Tgt Ion:212 Resp: 140180

Ion Ratio Lower Upper

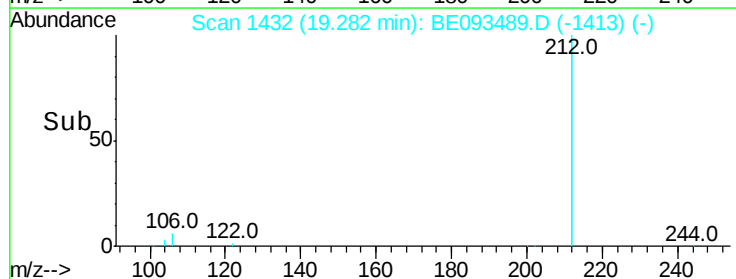
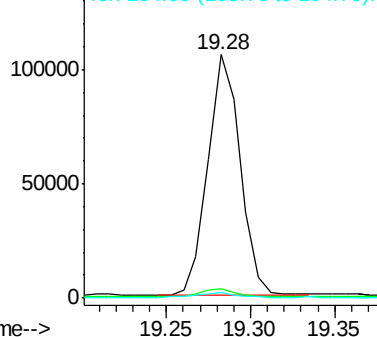
212 100

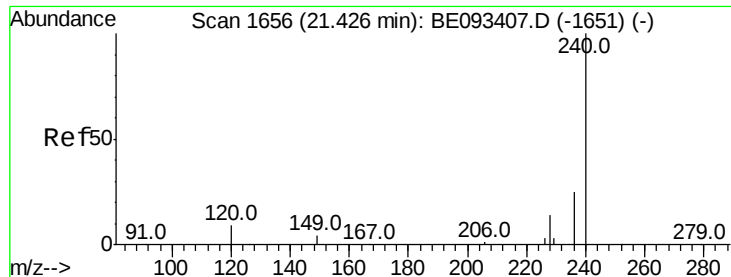
106 3.6 2.4 3.6

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# 1654

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

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ClientSampleId :

3567-SPP2

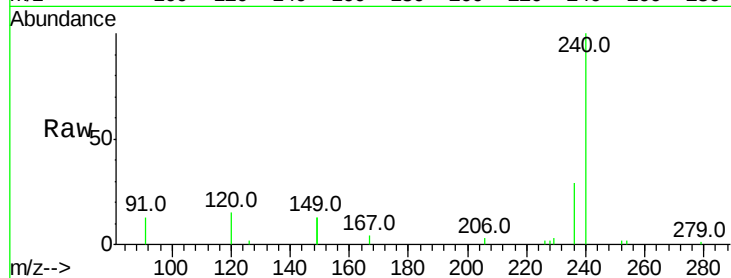
Tot Ion:240 Resp: 37621

Ion Ratio Lower Upper

240 100

120 14.6 4.6 7.0#

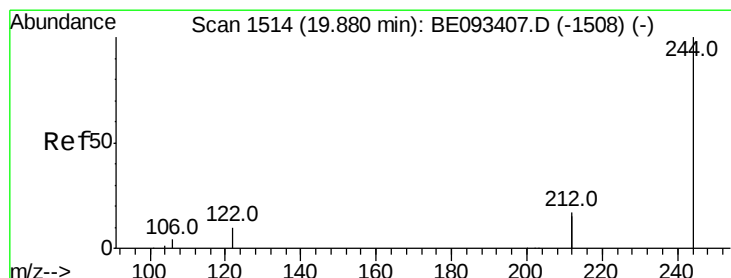
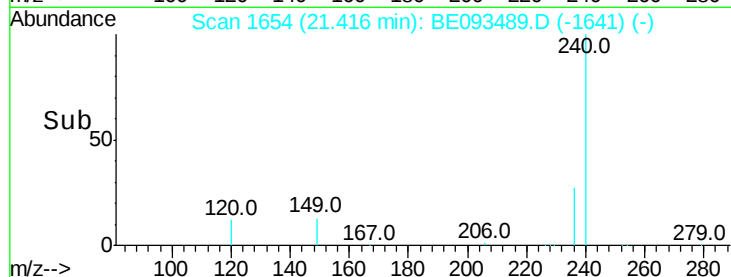
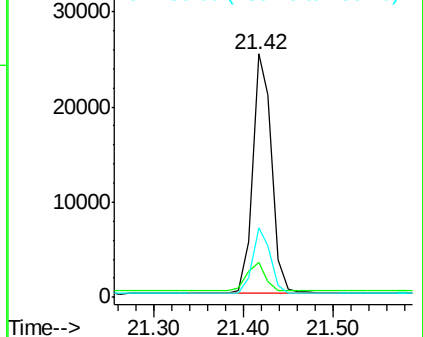
236 28.7 20.8 31.2



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: 0.725 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

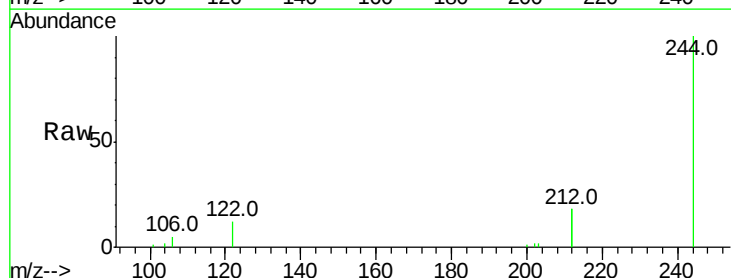
Tgt Ion:244 Resp: 48690

Ion Ratio Lower Upper

244 100

212 35.2 10.6 16.0#

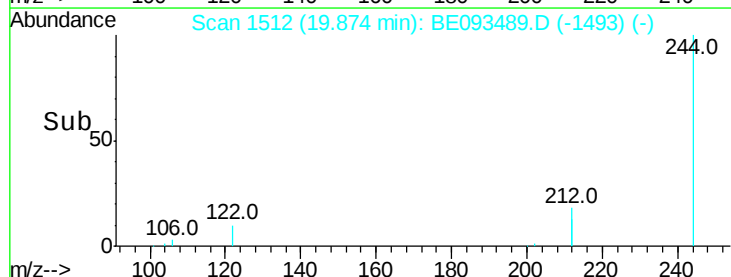
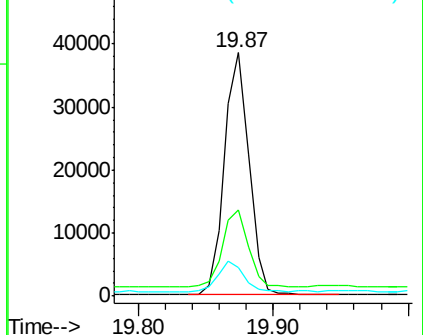
122 11.5 15.4 23.0#

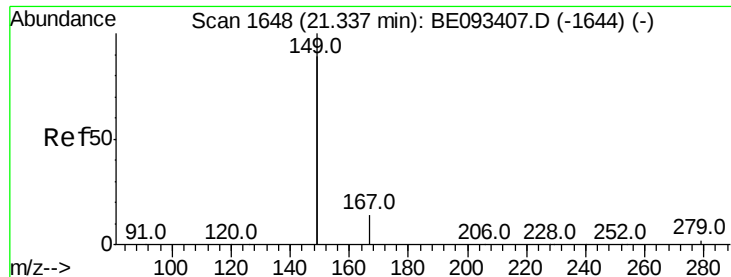


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.251 ng

RT: 21.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

Instrument :

BNA_E

ClientSampleId :

3567-SPP2

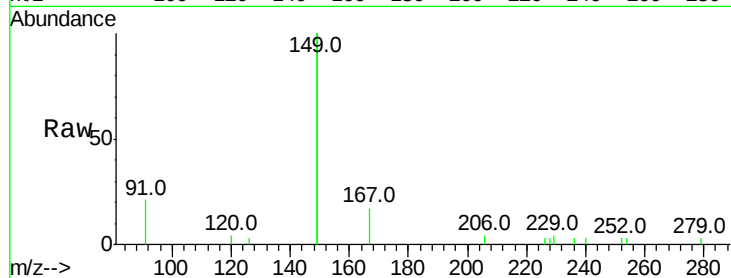
Tot Ion:149 Resp: 36755

Ion Ratio Lower Upper

149 100

167 7.1 20.1 30.1#

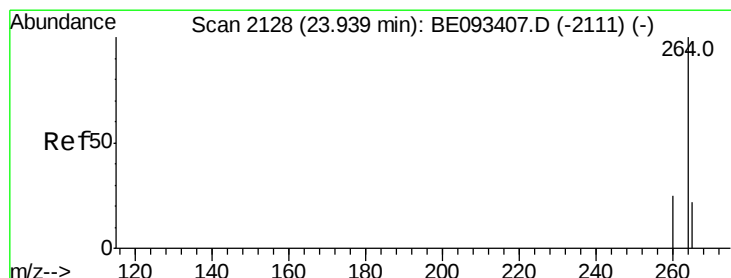
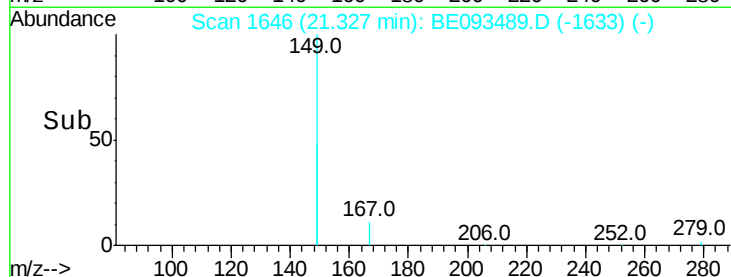
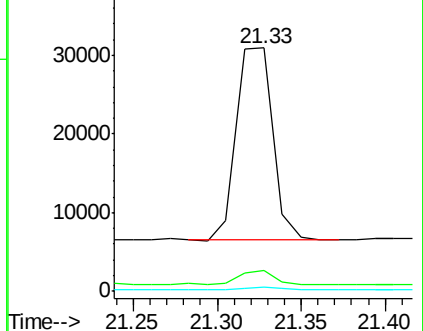
279 1.0 2.2 3.4#



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# 2126

Delta R.T. -0.01 min

Lab File: BE093489.D

Acq: 19 Jul 2017 17:49

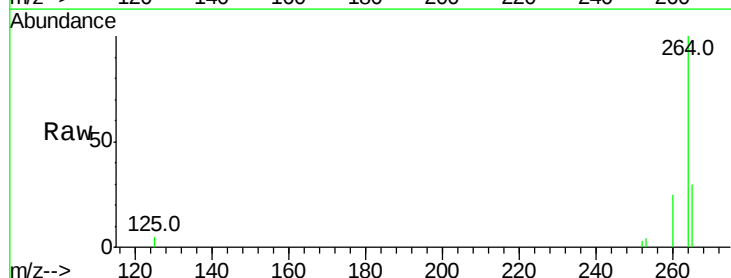
Tgt Ion:264 Resp: 32774

Ion Ratio Lower Upper

264 100

260 24.8 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

