

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093493.D
 Acq On : 19 Jul 2017 20:18
 Operator : SJ/JU
 Sample : I4199-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

Quant Time: Jul 20 13:28:18 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

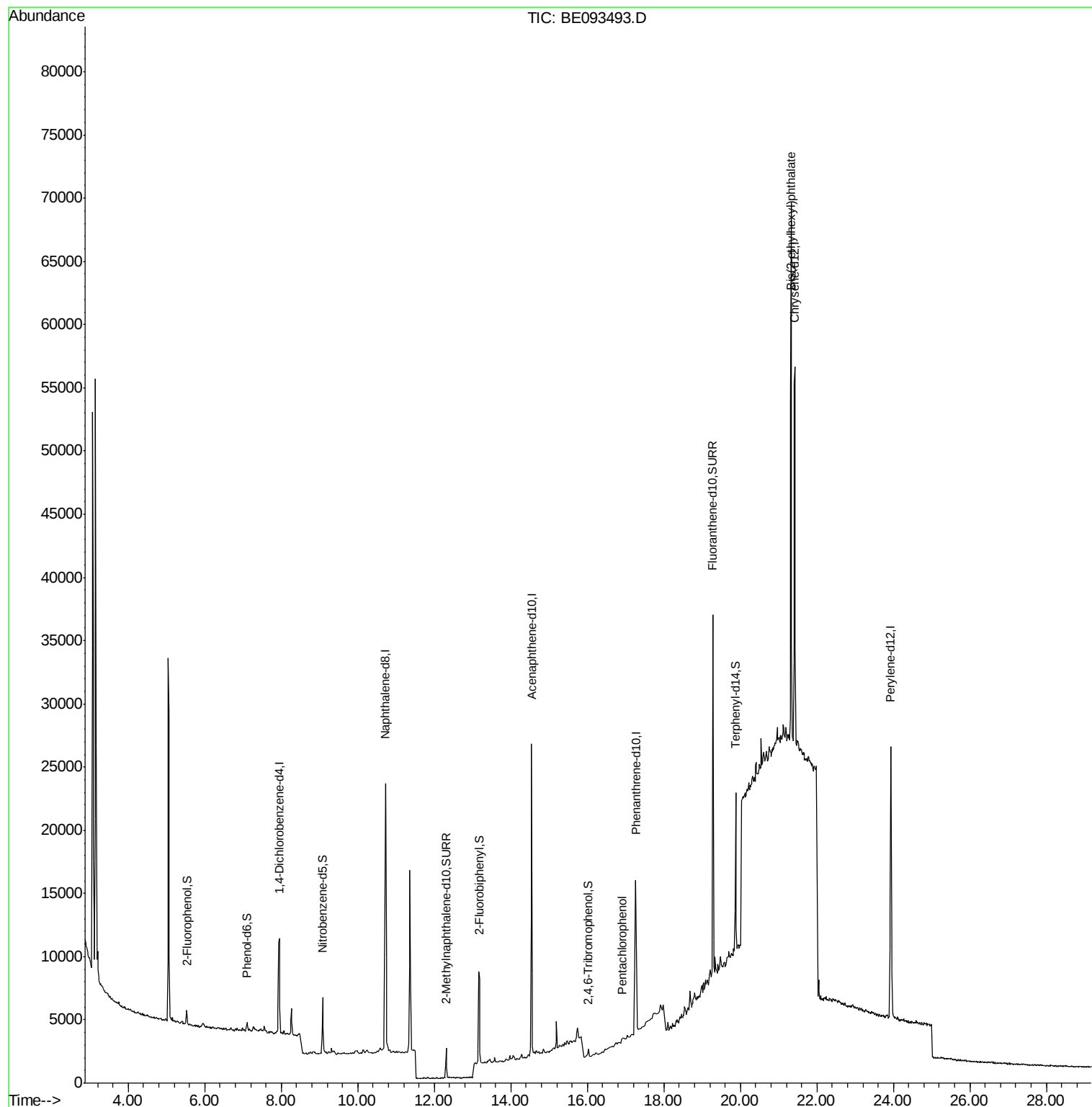
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4225	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	24409	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14238	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	26534	0.40	ng	0.00
27) Chrysene-d12	21.43	240	36056	0.40	ng	0.00
34) Perylene-d12	23.93	264	31491	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	591	0.05	ng	0.00
5) Phenol-d6	7.10	99	685	0.04	ng	0.00
8) Nitrobenzene-d5	9.08	82	1785	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	3306	0.08	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	516	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8182	0.15	ng	0.00
25) Fluoranthene-d10	19.28	212	38760	0.12	ng	0.00
29) Terphenyl-d14	19.87	244	10680	0.17	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.91	266	164	0.024	ng	Qvalue 92
32) Bis(2-ethylhexyl)phthalate	21.33	149	50392	0.359	ng	# 68

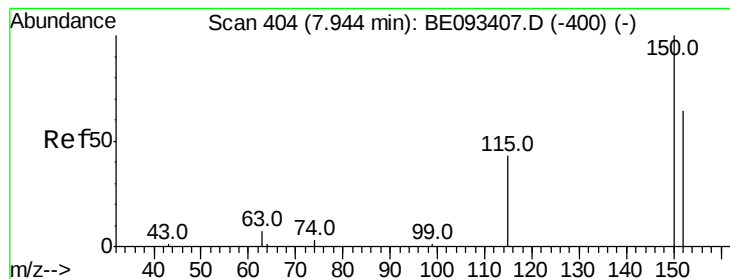
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 13:28:18 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
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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: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

3573-PA3

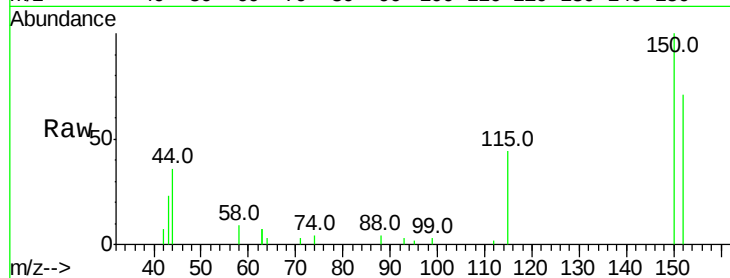
Tot Ion:152 Resp: 4225

Ion Ratio Lower Upper

152 100

150 141.4 125.1 187.7

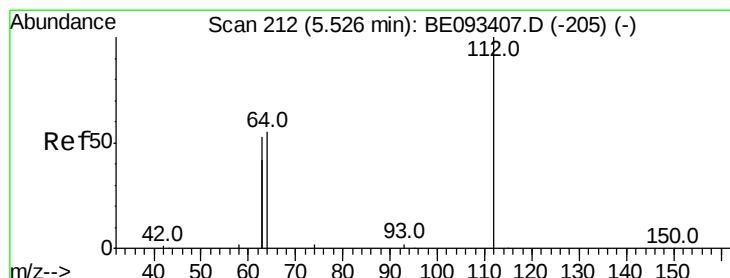
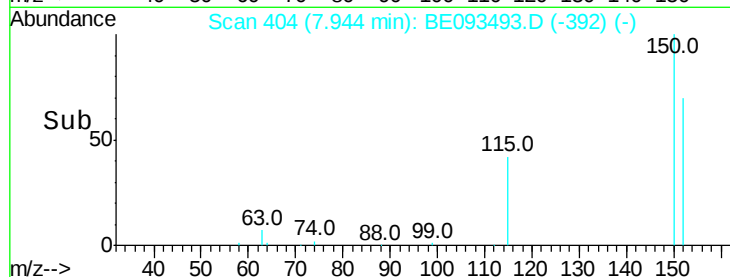
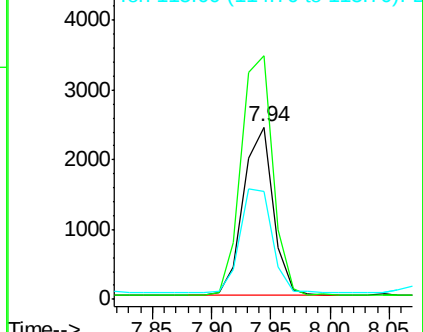
115 62.9 55.7 83.5



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: 0.046 ng

RT: 5.53 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

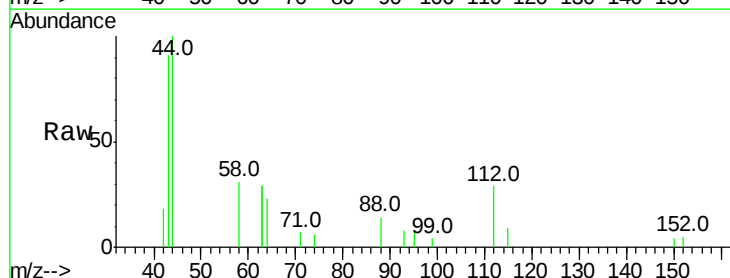
Tgt Ion:112 Resp: 591

Ion Ratio Lower Upper

112 100

64 76.5 56.4 84.6

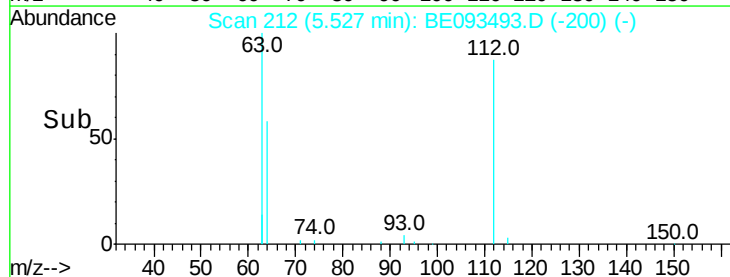
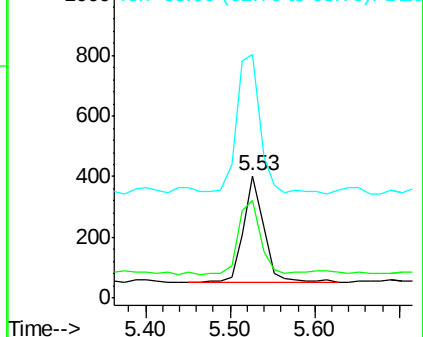
63 150.6 29.3 43.9#

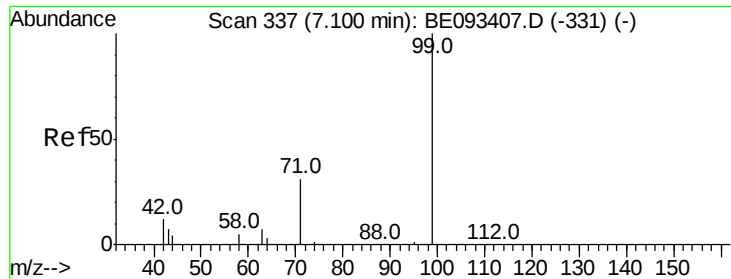


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.036 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampled :

3573-PA3

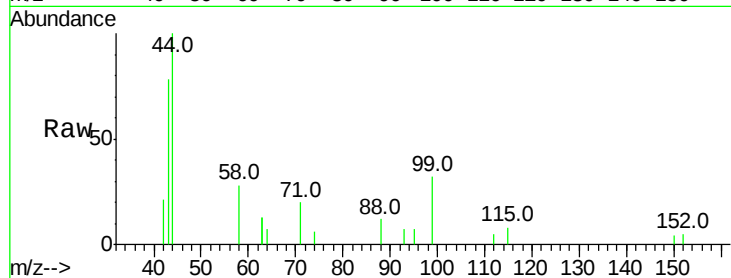
Tot Ion: 99 Resp: 685

Ion Ratio Lower Upper

99 100

42 36.1 0.0 0.0#

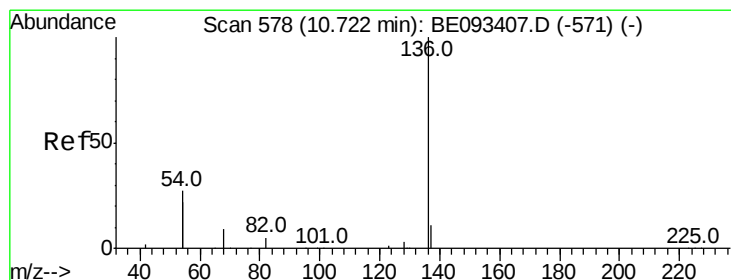
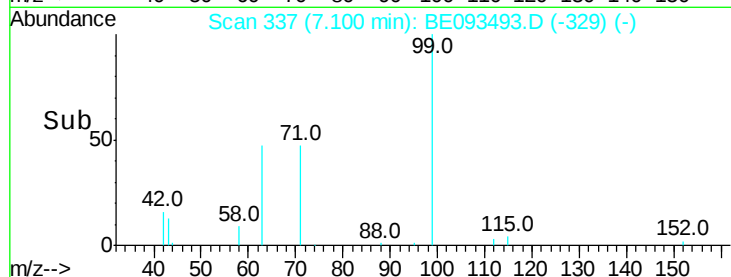
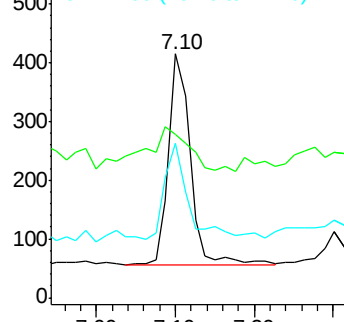
71 48.5 0.0 0.0#



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: BE093493.D

Acq: 19 Jul 2017 20:18

Tgt Ion: 136 Resp: 24409

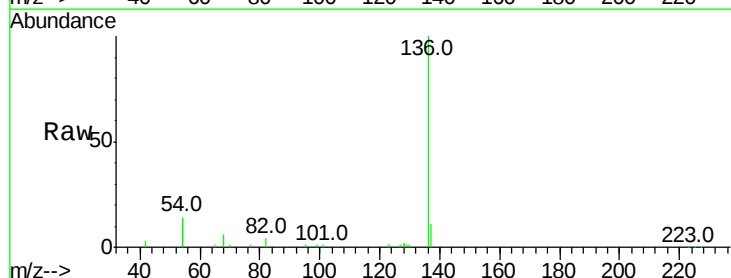
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 28.7 10.3 15.5#

68 6.2 9.0 13.4#

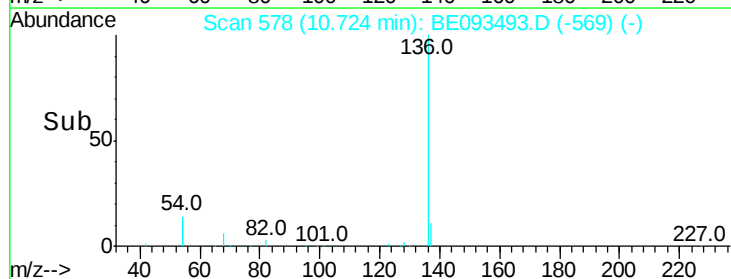
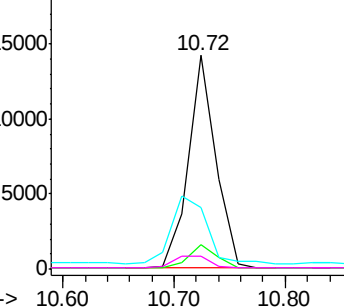


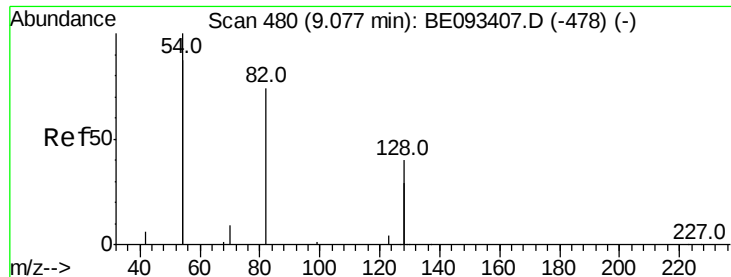
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.114 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

3573-PA3

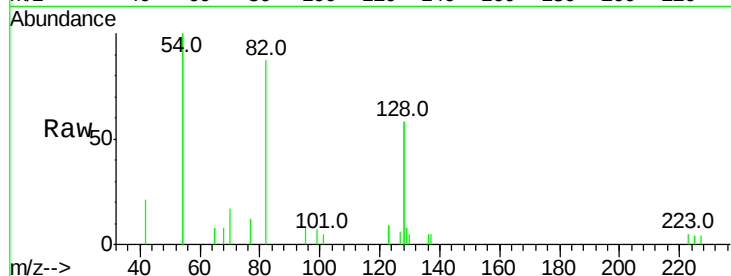
Tot Ion: 82 Resp: 1785

Ion Ratio Lower Upper

82 100

128 134.5 17.0 25.4#

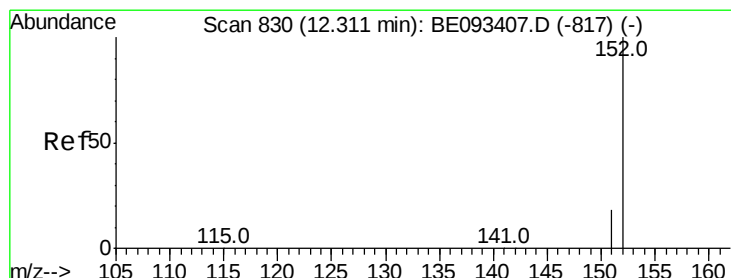
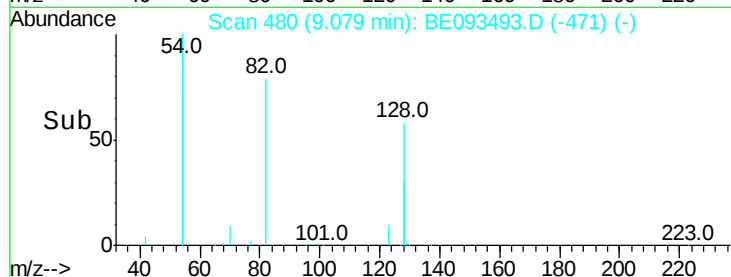
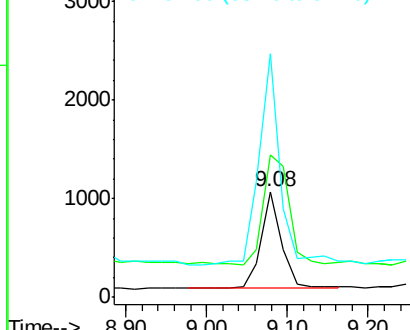
54 230.4 53.8 80.6#



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: 0.085 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093493.D

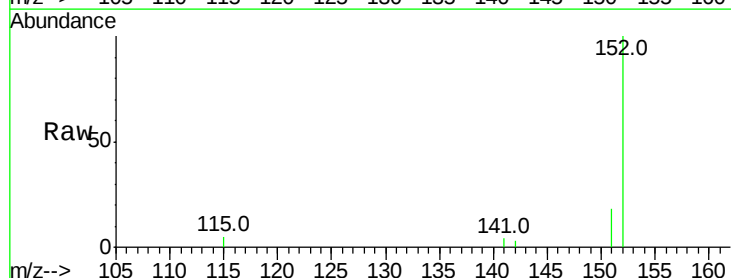
Acq: 19 Jul 2017 20:18

Tgt Ion: 152 Resp: 3306

Ion Ratio Lower Upper

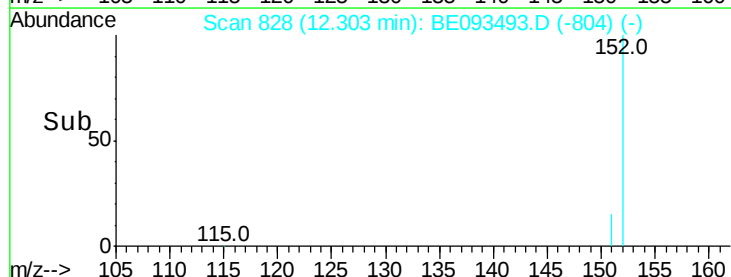
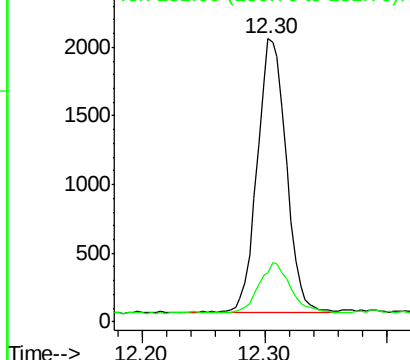
152 100

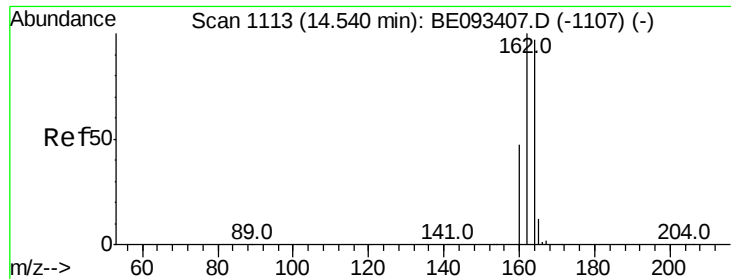
151 19.9 15.1 22.7



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

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

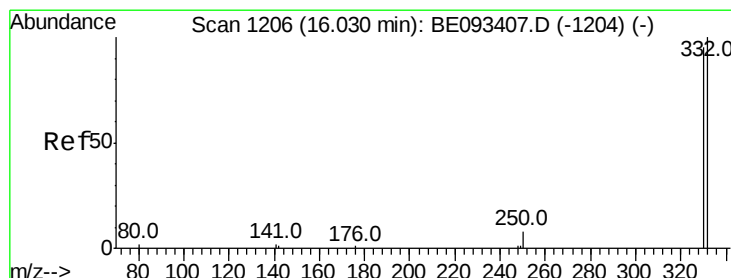
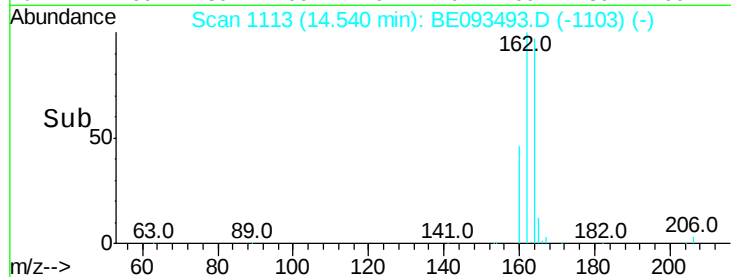
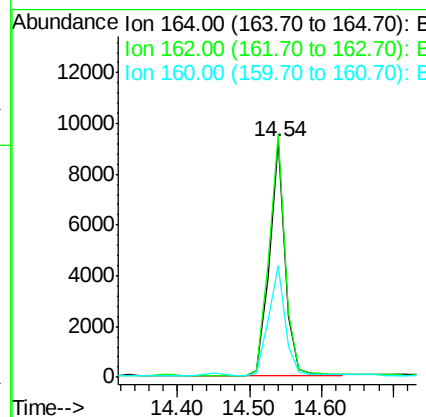
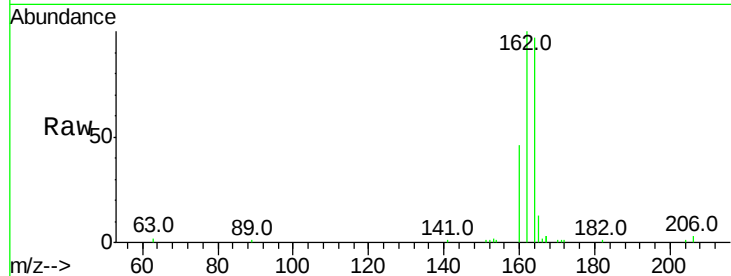




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

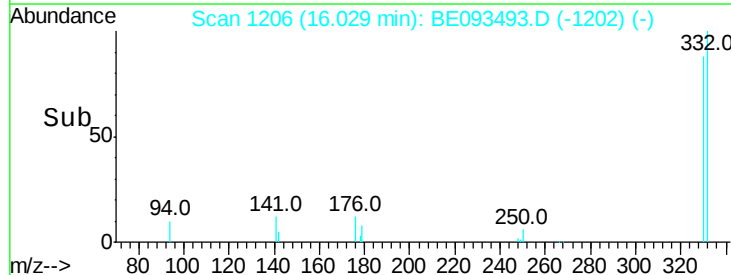
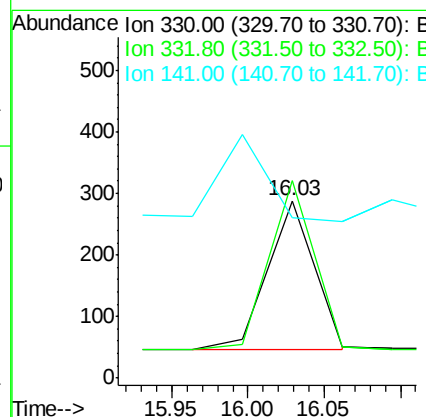
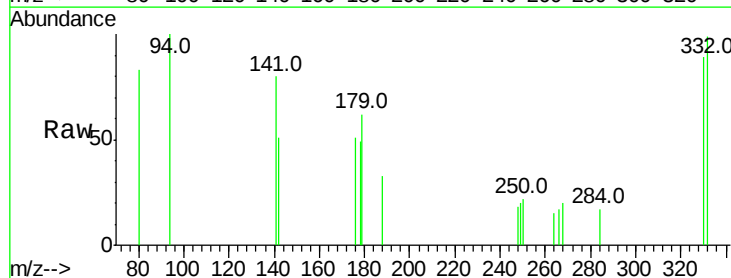
Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

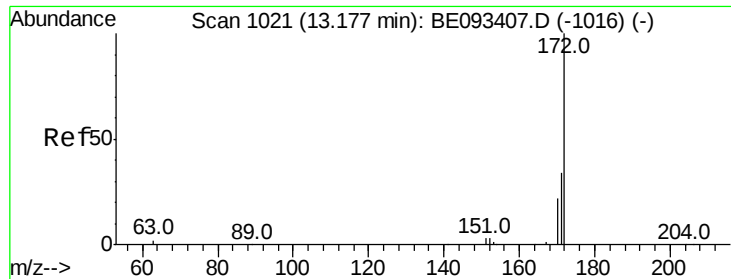
Tot Ion:164 Resp: 14238
 Ion Ratio Lower Upper
 164 100
 162 103.3 84.6 127.0
 160 47.5 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.115 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

Tgt Ion:330 Resp: 516
 Ion Ratio Lower Upper
 330 100
 332 109.1 77.7 116.5
 141 0.0 56.2 84.4#

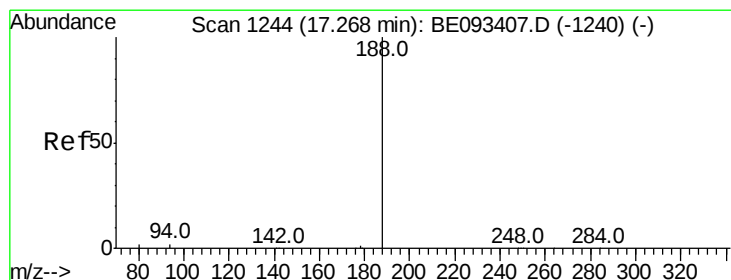
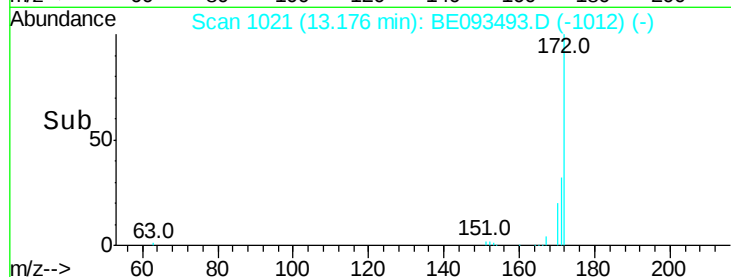
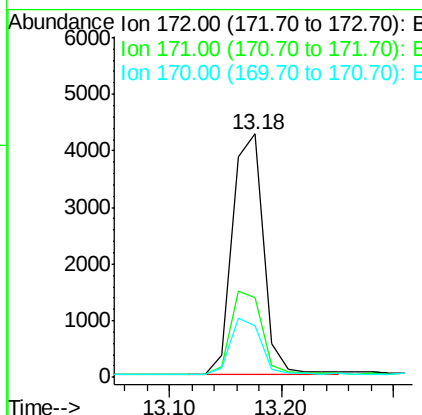
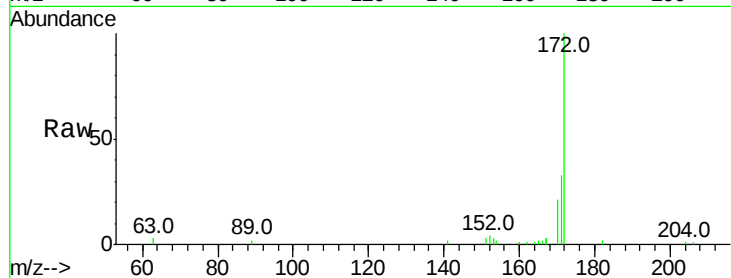




#15
2-Fluorobiphenyl
Concen: 0.148 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093493.D
Acq: 19 Jul 2017 20:18

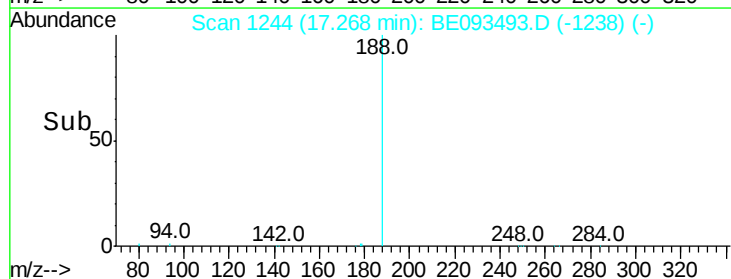
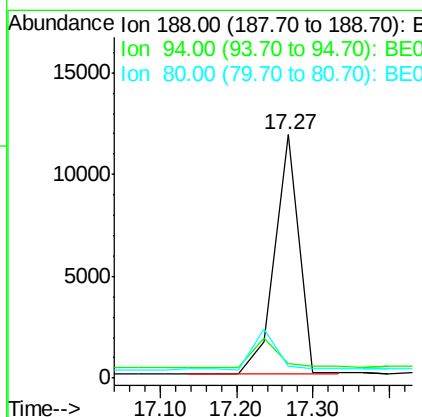
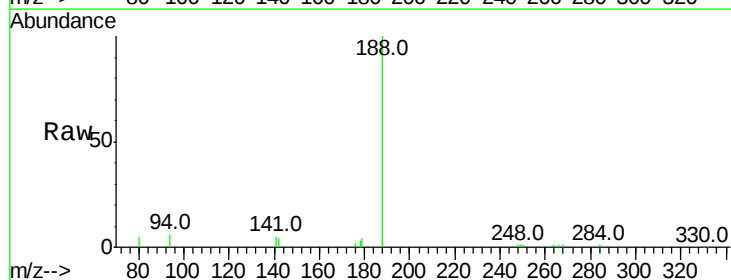
Instrument :
BNA_E
ClientSampleId :
3573-PA3

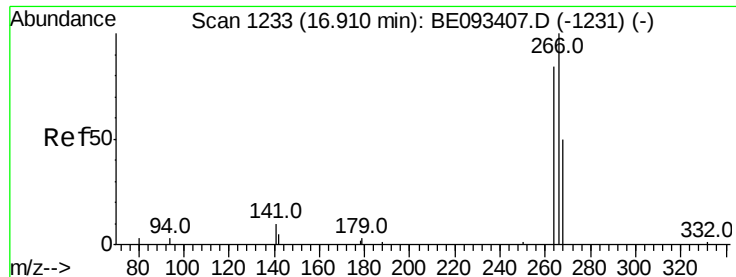
Tot Ion:172 Resp: 8182
Ion Ratio Lower Upper
172 100
171 32.8 29.8 44.6
170 21.4 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093493.D
Acq: 19 Jul 2017 20:18

Tgt Ion:188 Resp: 26534
Ion Ratio Lower Upper
188 100
94 5.7 11.3 16.9#
80 4.7 11.7 17.5#

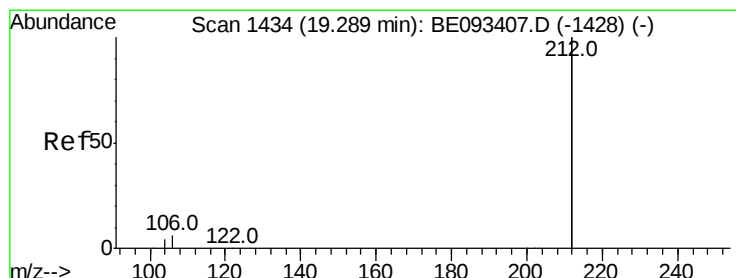
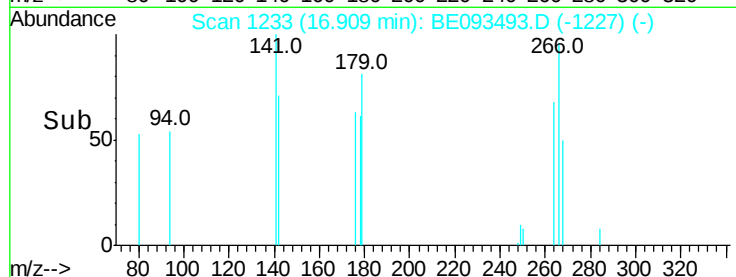
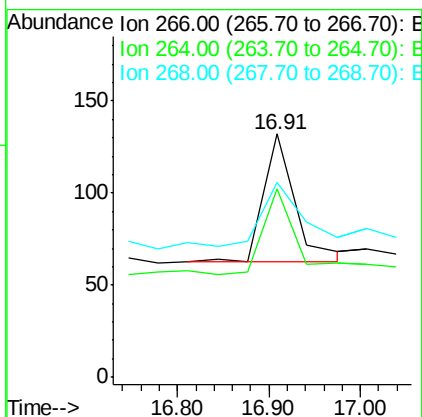
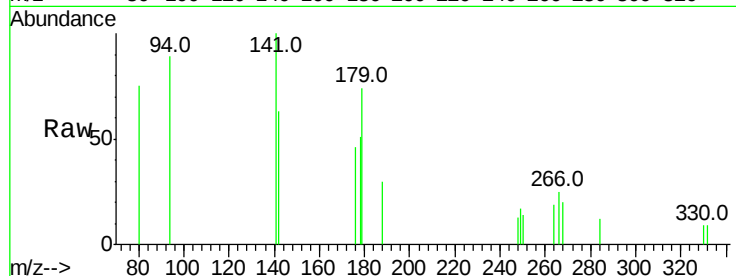




#22
 Pentachlorophenol
 Concen: 0.024 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

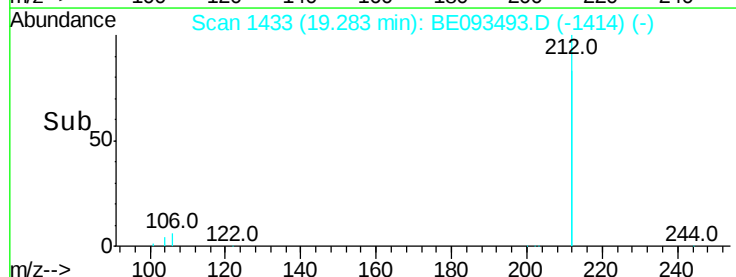
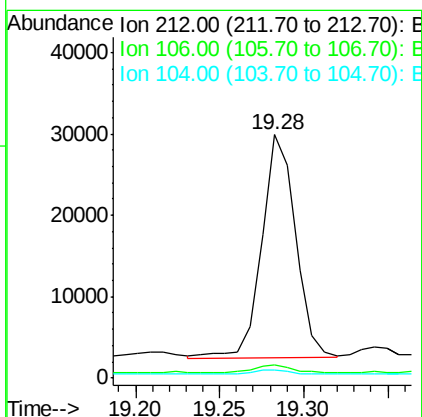
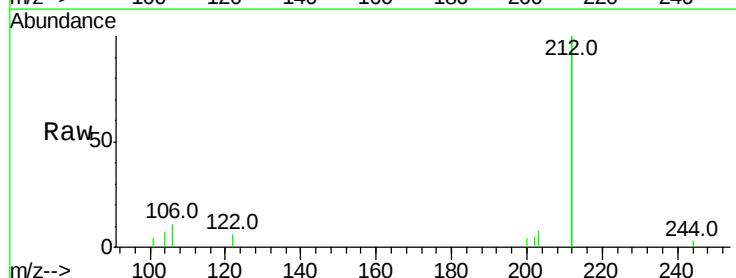
Instrument :
 BNA_E
 ClientSampled :
 3573-PA3

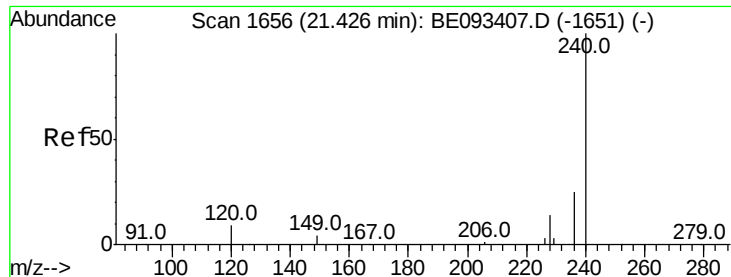
Tot Ion:266 Resp: 164
 Ion Ratio Lower Upper
 266 100
 264 77.3 58.2 87.2
 268 80.3 71.9 107.9



#25
 Fluoranthene-d10
 Concen: 0.121 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

Tgt Ion:212 Resp: 38760
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

Instrument :

BNA_E

ClientSampleId :

3573-PA3

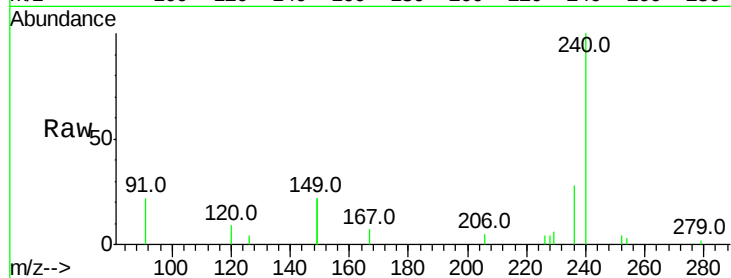
Tot Ion:240 Resp: 36056

Ion Ratio Lower Upper

240 100

120 9.1 4.6 7.0#

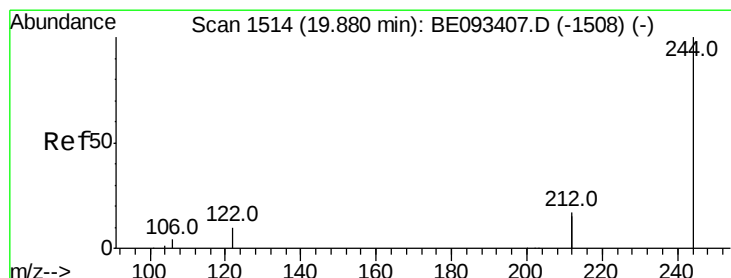
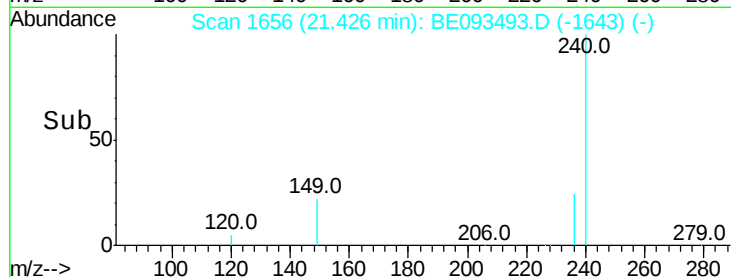
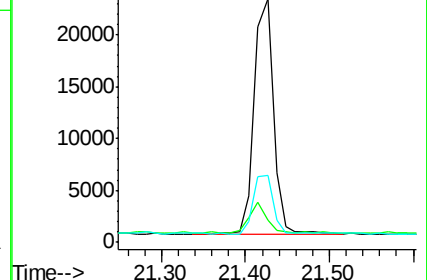
236 27.7 20.8 31.2



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: 0.166 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093493.D

Acq: 19 Jul 2017 20:18

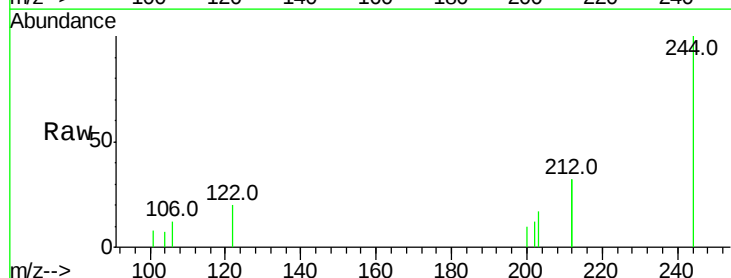
Tgt Ion:244 Resp: 10680

Ion Ratio Lower Upper

244 100

212 64.9 10.6 16.0#

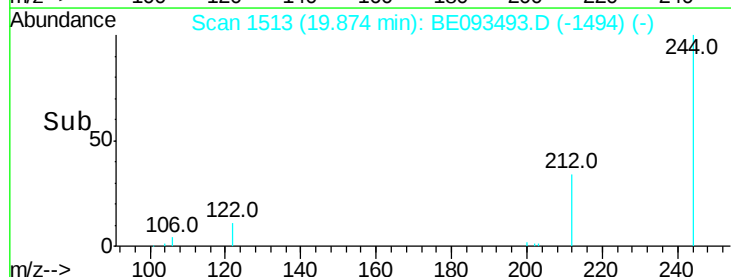
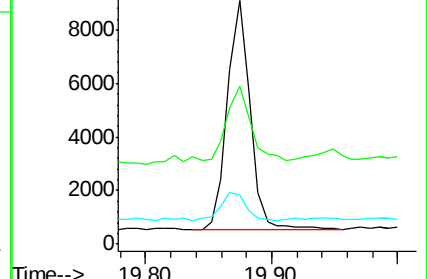
122 20.2 15.4 23.0

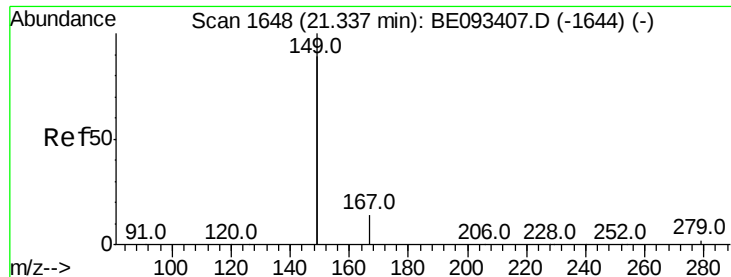


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

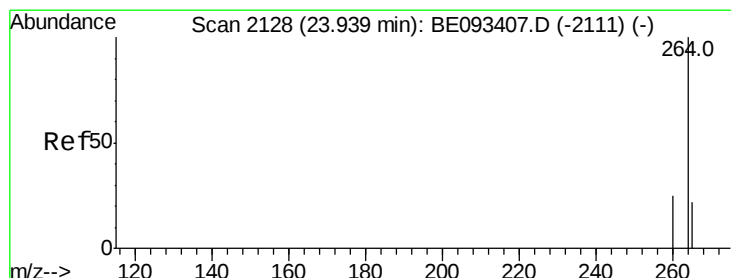
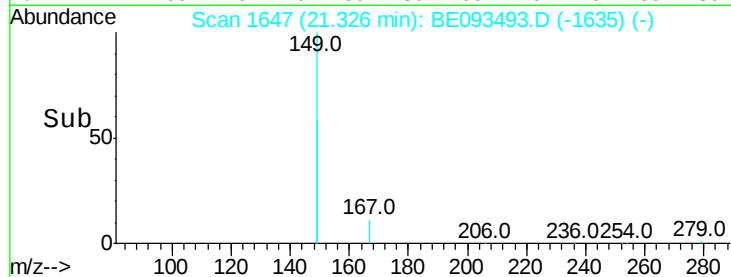
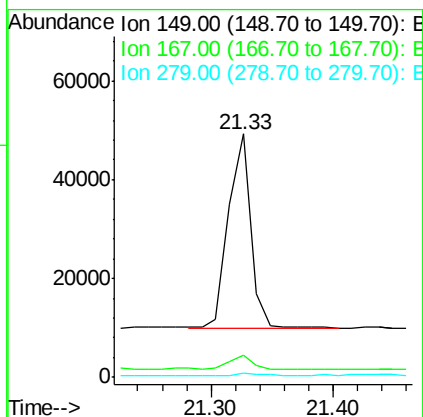
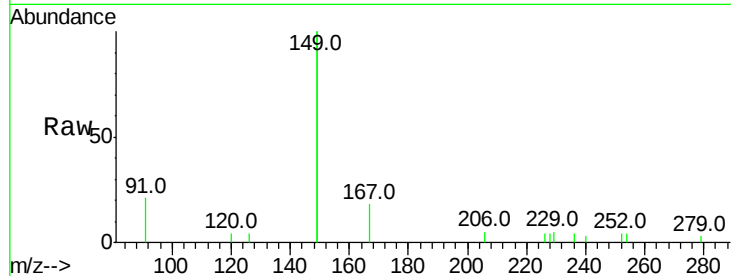




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.359 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

Instrument :
 BNA_E
 ClientSampleId :
 3573-PA3

Tot Ion:149 Resp: 50392
 Ion Ratio Lower Upper
 149 100
 167 7.6 20.1 30.1#
 279 1.0 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE093493.D
 Acq: 19 Jul 2017 20:18

Tgt Ion:264 Resp: 31491
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.0 31.4
 265 33.5 24.6 36.8

