

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071317\
 Data File : BE093457.D
 Acq On : 13 Jul 2017 14:03
 Operator : SJ/JU
 Sample : I4142-04
 Misc : LOO 0.2 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 13 15:21:22 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

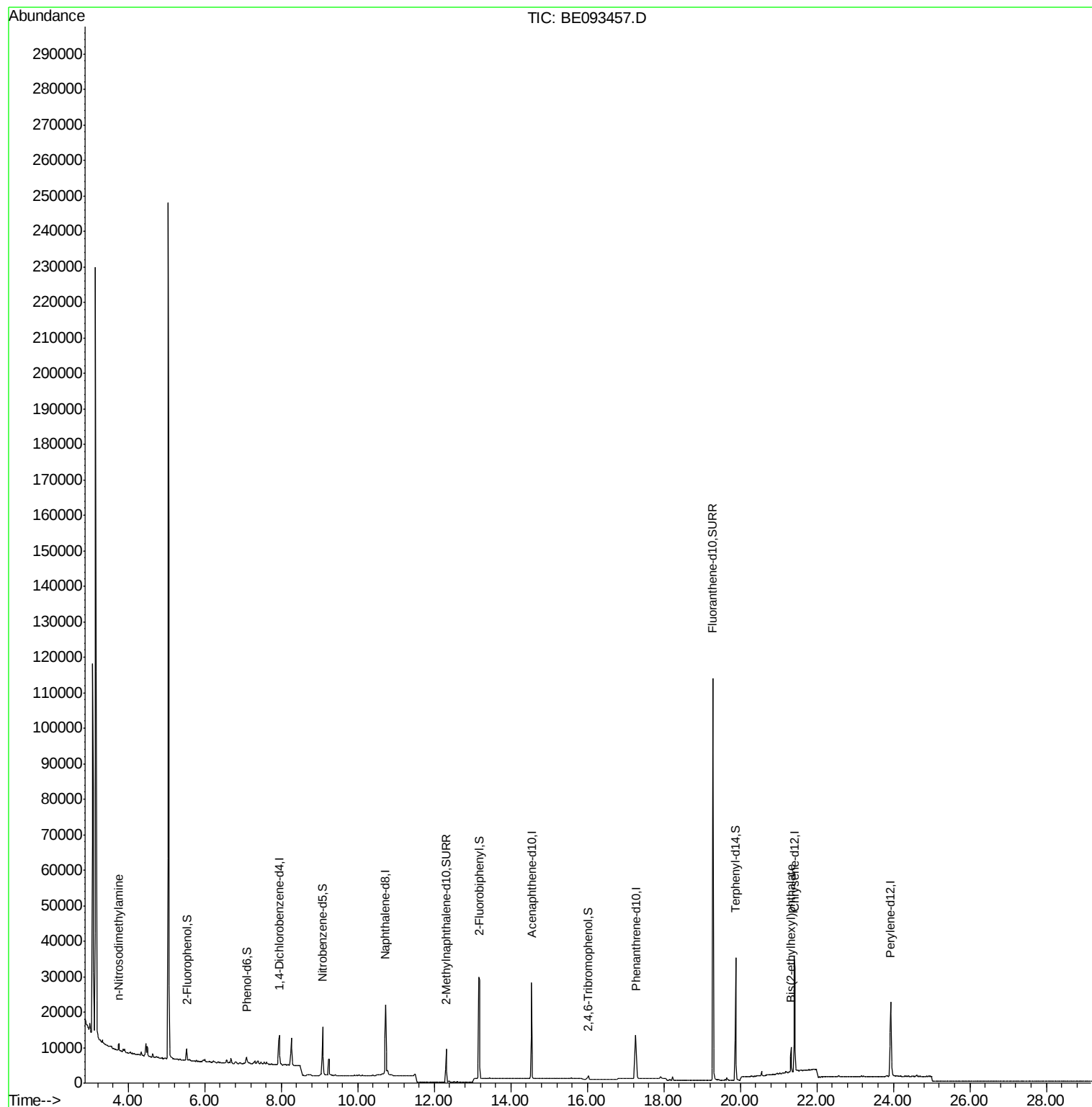
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4439	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	22589	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14573	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	27420	0.40	ng	0.00
27) Chrysene-d12	21.42	240	36914	0.40	ng	-0.01
34) Perylene-d12	23.93	264	31788	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1956	0.15	ng	0.00
5) Phenol-d6	7.10	99	1803	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	5460	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12609	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1044	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	32530	0.58	ng	0.00
25) Fluoranthene-d10	19.28	212	149394	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	29067	0.44	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.74	42	252	0.162	ng	# 1
22) Pentachlorophenol	16.91	266	18	Below Cal		# 82
32) Bis(2-ethylhexyl)phthalate	21.33	149	9291	0.065	ng	# 66

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

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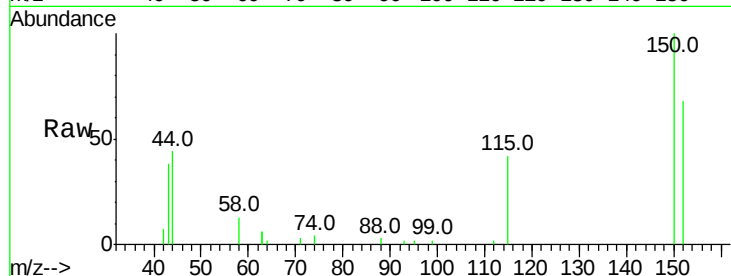


#1

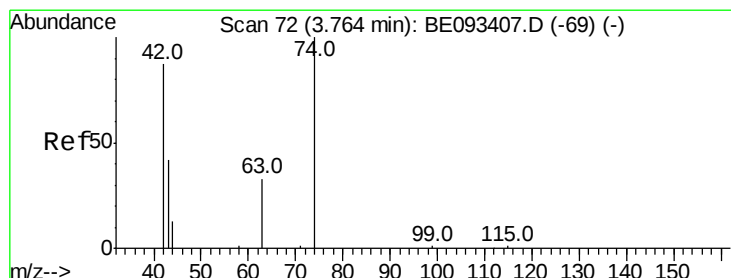
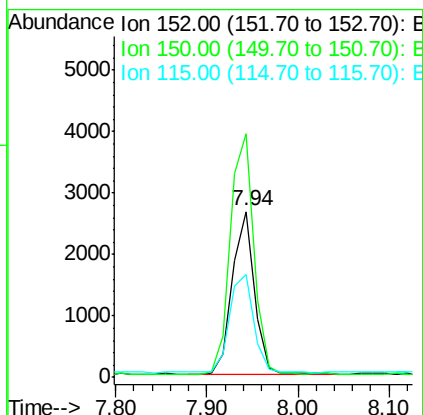
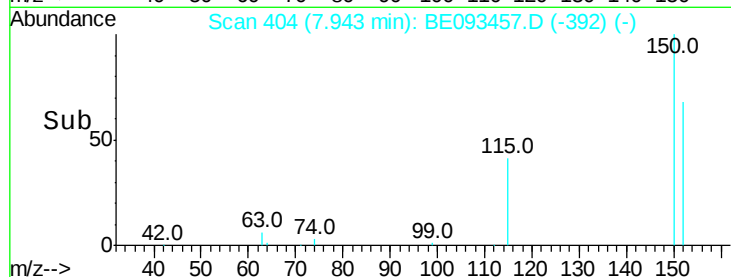
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093457.D
Acq: 13 Jul 2017 14:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4439
Ion Ratio Lower Upper
152 100
150 147.1 125.1 187.7
115 62.5 55.7 83.5



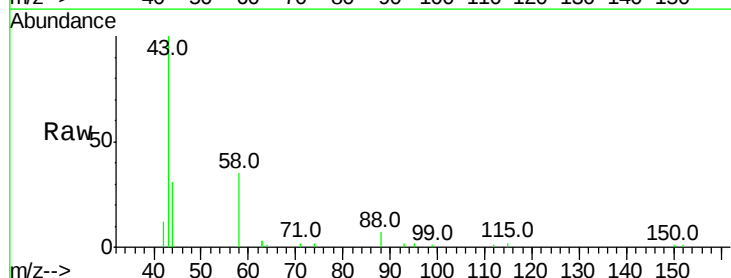
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



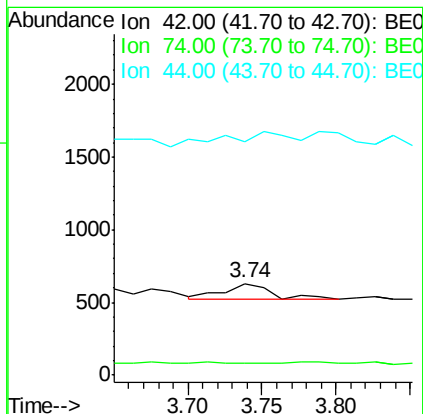
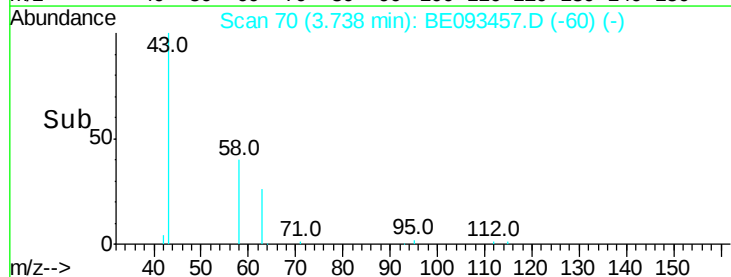
#3

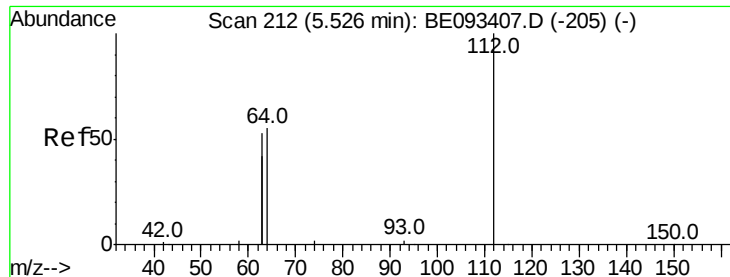
n-Nitrosodimethylamine
Concen: 0.162 ng
RT: 3.74 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE093457.D
Acq: 13 Jul 2017 14:03

Tgt Ion: 42 Resp: 252
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 128.6 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.146 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

Instrument :

BNA_E

ClientSampleId :

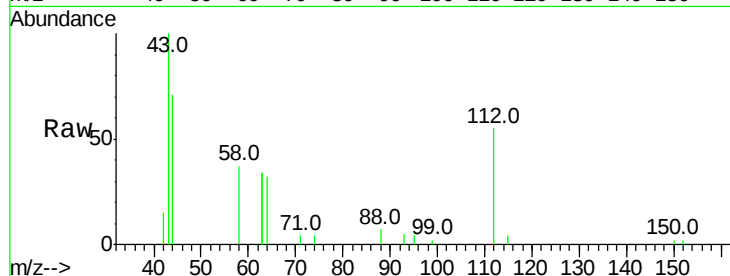
Tot Ion:112 Resp: 1956

Ion Ratio Lower Upper

112 100

64 70.9 56.4 84.6

63 140.2 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

2500

2000

1500

1000

500

0

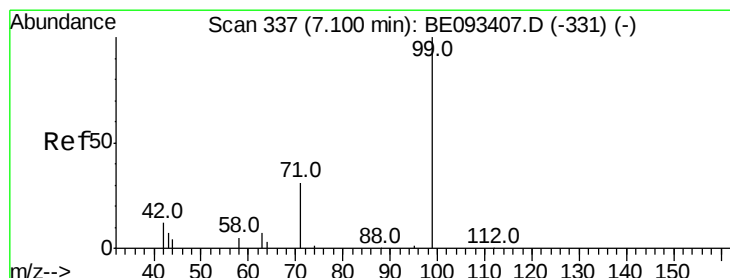
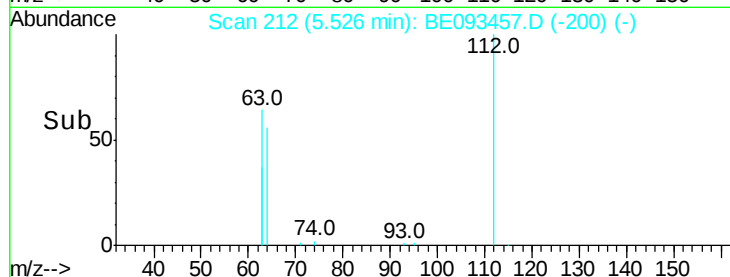
5.40

5.50

5.60

5.53

Time-->



#5

Phenol-d6

Concen: 0.091 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

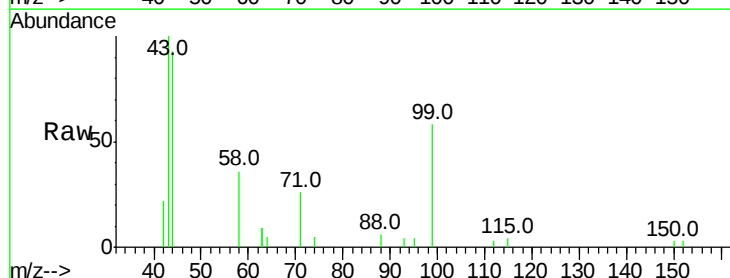
Tgt Ion: 99 Resp: 1803

Ion Ratio Lower Upper

99 100

42 21.6 0.0 0.0#

71 47.9 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

1500

1000

500

0

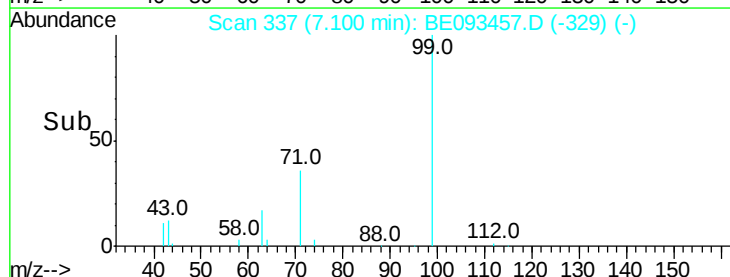
7.00

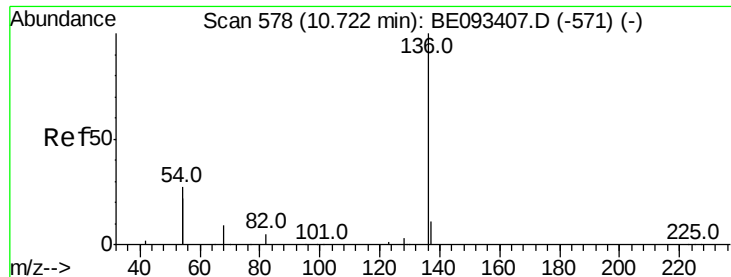
7.10

7.20

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 22589

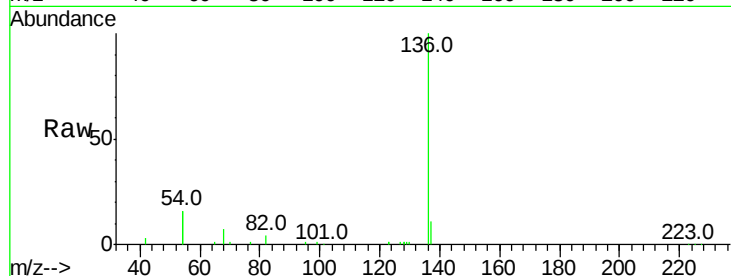
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 31.0 10.3 15.5#

68 6.6 9.0 13.4#

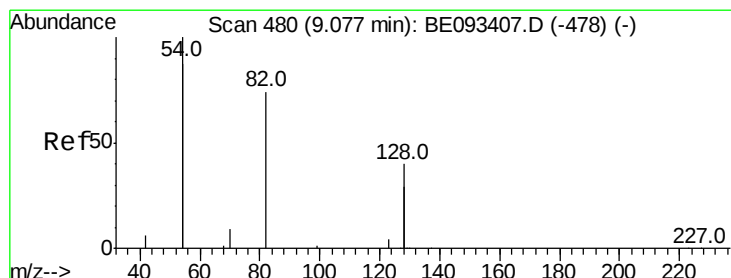
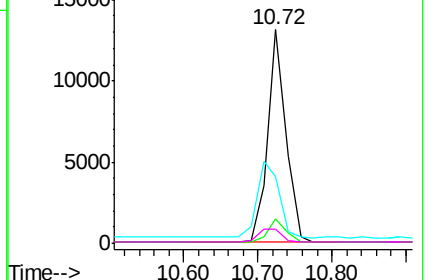
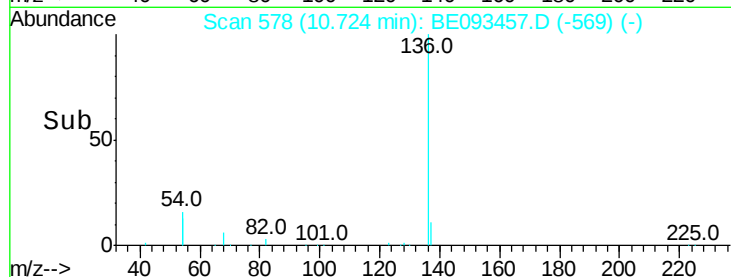


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

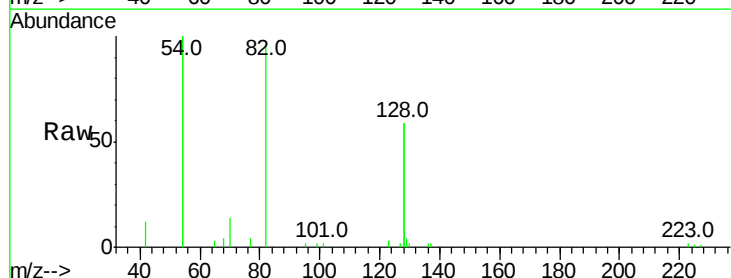
Tgt Ion: 82 Resp: 5460

Ion Ratio Lower Upper

82 100

128 121.8 17.0 25.4#

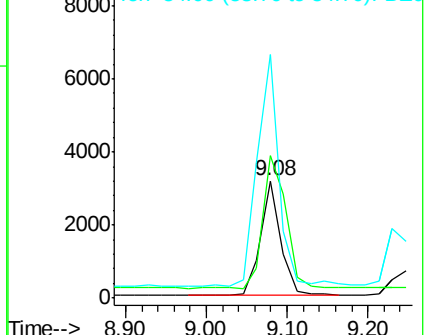
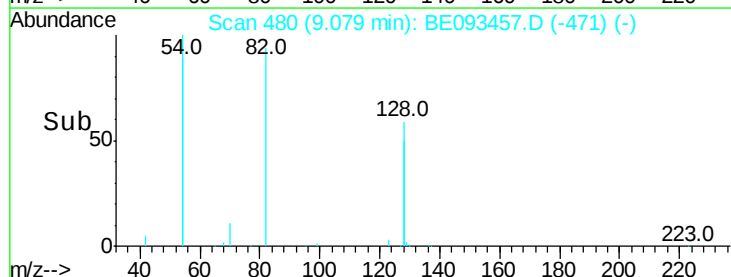
54 207.6 53.8 80.6#

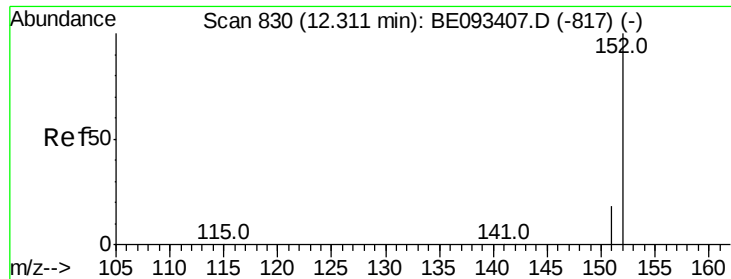


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

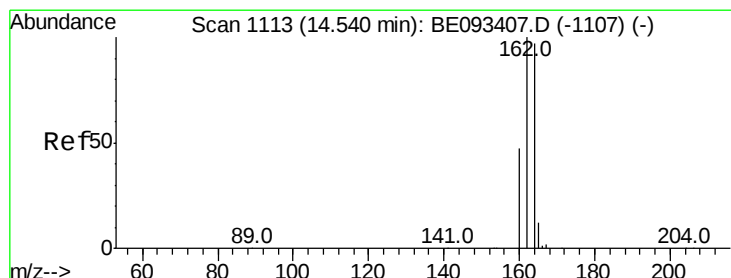
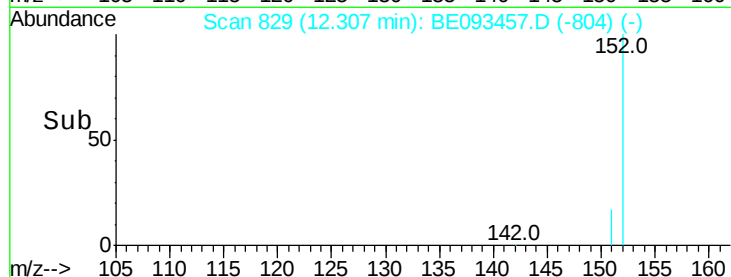
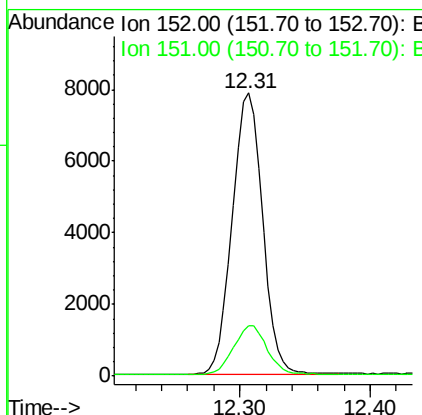
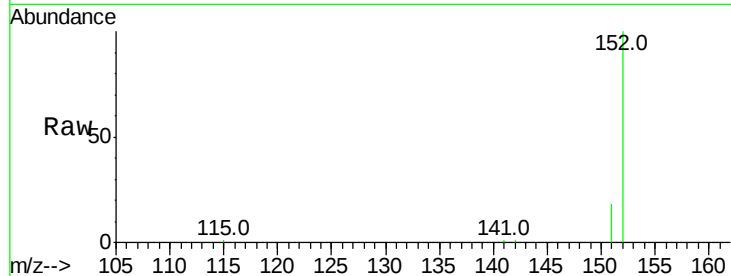




#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

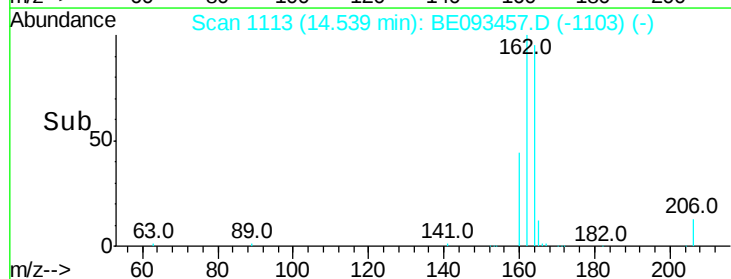
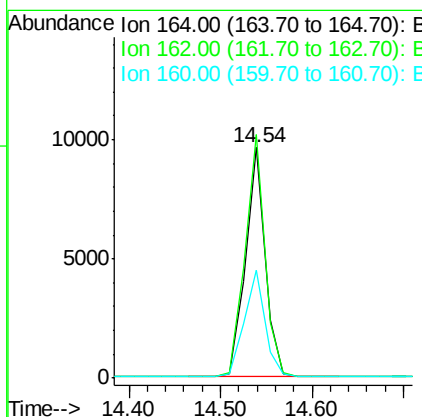
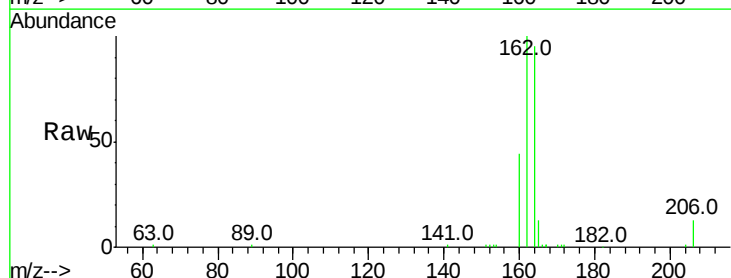
Instrument :
 BNA_E
 ClientSampleId :

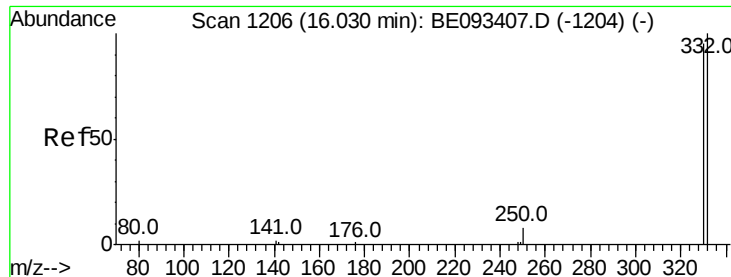
Tot Ion:152 Resp: 12609
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

Tgt Ion:164 Resp: 14573
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.6 127.0
 160 46.9 41.8 62.6

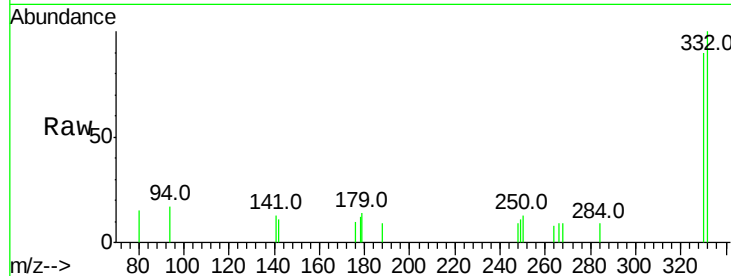




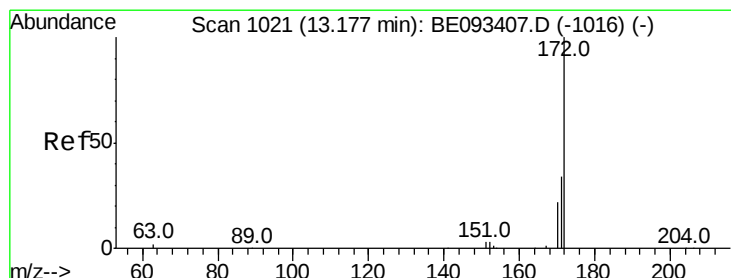
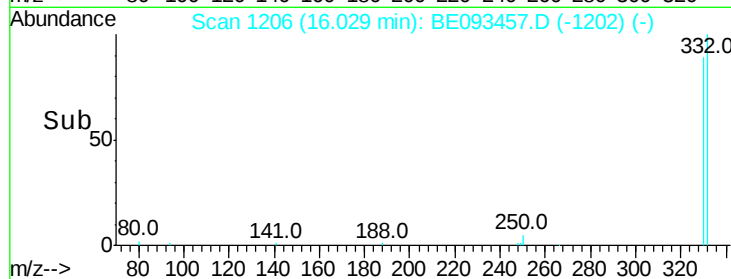
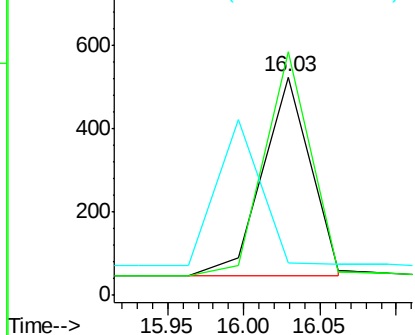
#14
 2,4,6-Tribromophenol
 Concen: 0.228 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 1044
 Ion Ratio Lower Upper
 330 100
 332 107.2 77.7 116.5
 141 0.0 56.2 84.4#

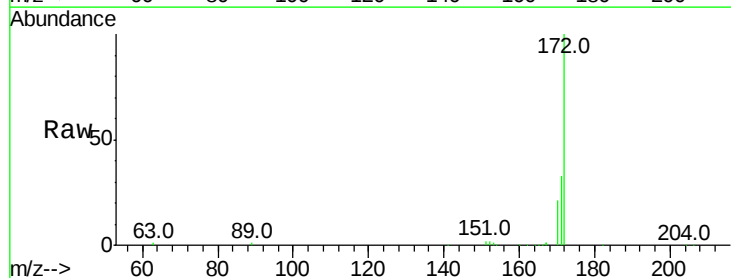


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

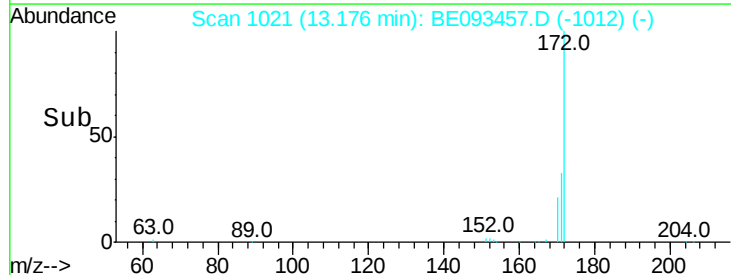
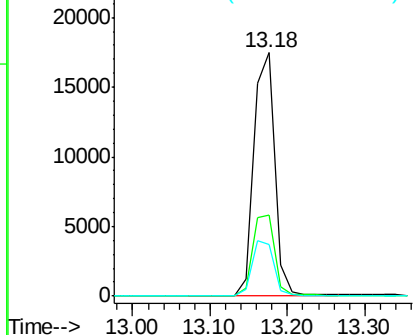


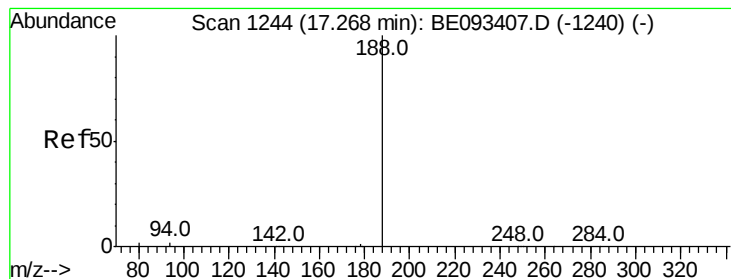
#15
 2-Fluorobiphenyl
 Concen: 0.575 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

Tgt Ion:172 Resp: 32530
 Ion Ratio Lower Upper
 172 100
 171 33.4 29.8 44.6
 170 21.2 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: BE093457.D

Acq: 13 Jul 2017 14:03

Instrument :

BNA_E

ClientSampleId :

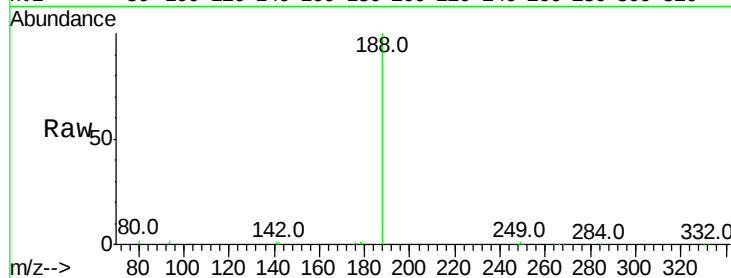
Tot Ion:188 Resp: 27420

Ion Ratio Lower Upper

188 100

94 2.4 11.3 16.9#

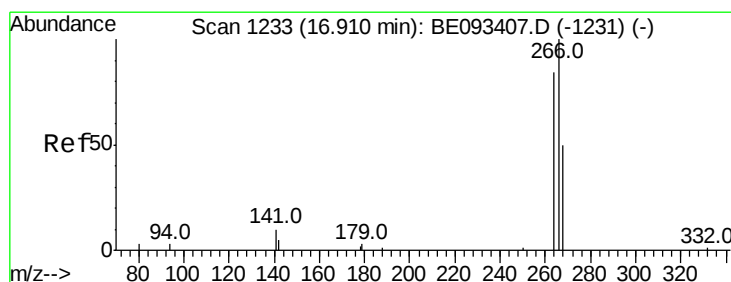
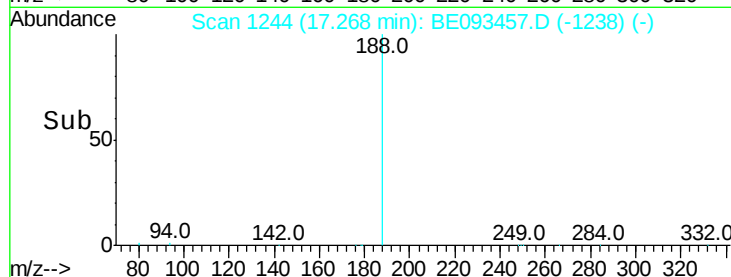
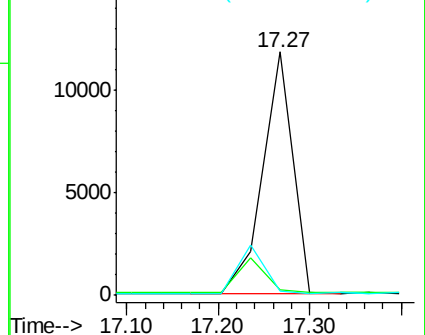
80 1.9 11.7 17.5#



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: Below Cal

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

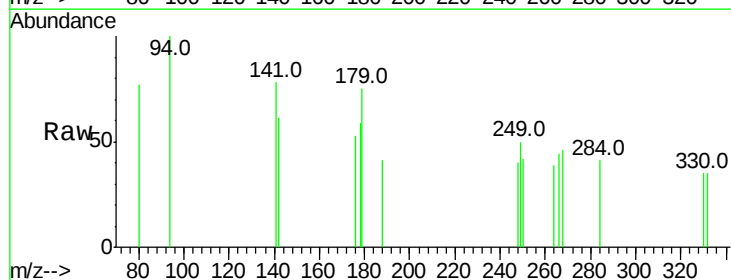
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 89.7 58.2 87.2#

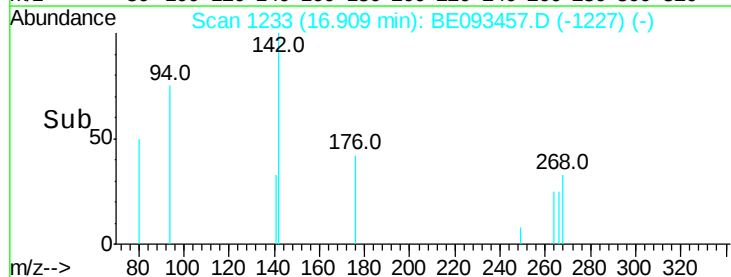
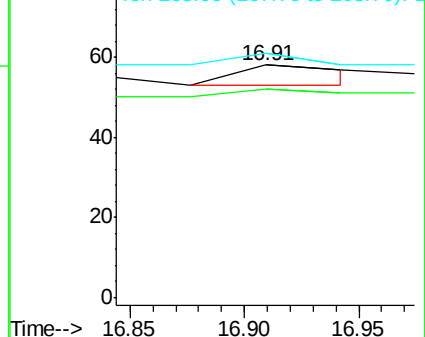
268 105.2 71.9 107.9

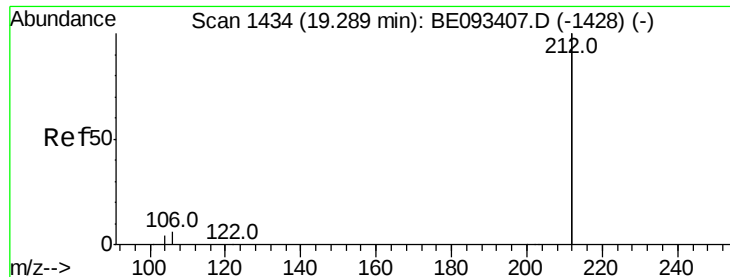


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

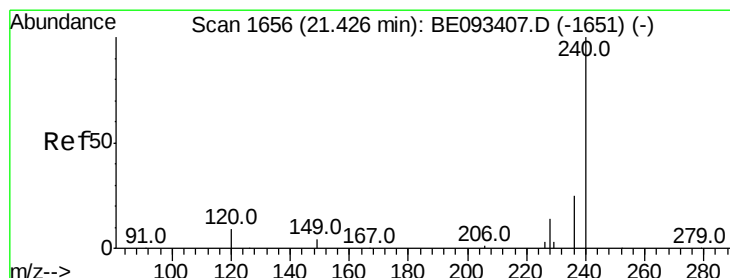
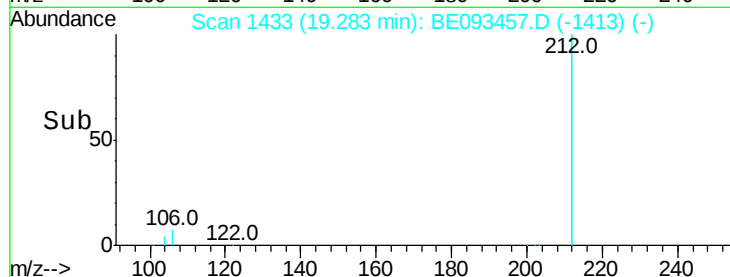
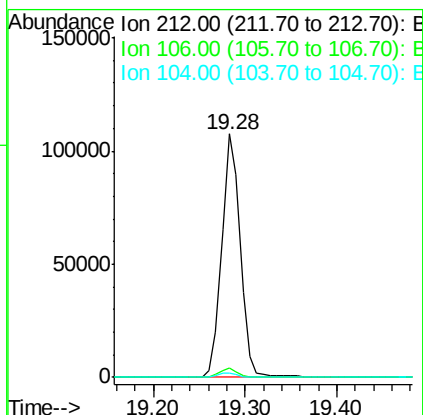
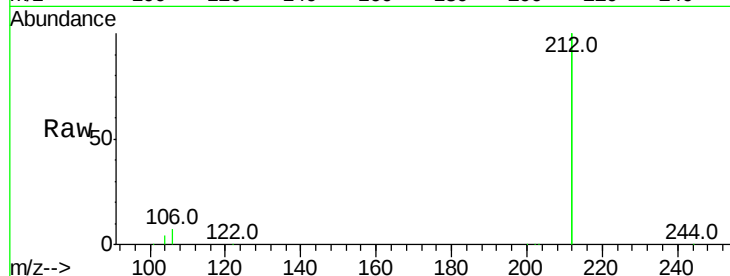




#25
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.28 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

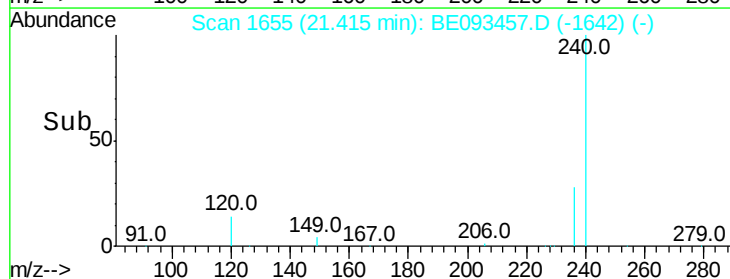
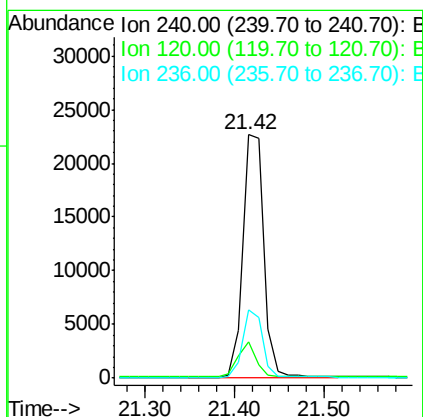
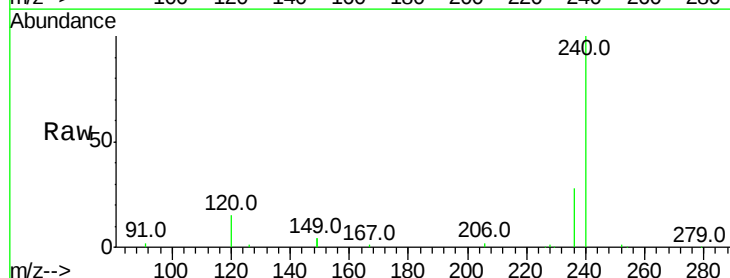
Instrument :
 BNA_E
 ClientSampled :

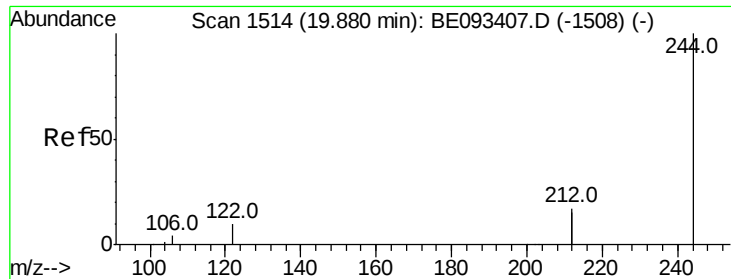
Tot Ion:212 Resp: 149394
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093457.D
 Acq: 13 Jul 2017 14:03

Tgt Ion:240 Resp: 36914
 Ion Ratio Lower Upper
 240 100
 120 15.1 4.6 7.0#
 236 28.0 20.8 31.2





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

Instrument :

BNA_E

ClientSampleId :

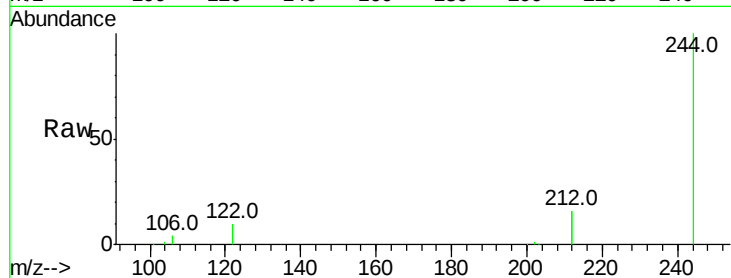
Tot Ion:244 Resp: 29067

Ion Ratio Lower Upper

244 100

212 31.9 10.6 16.0#

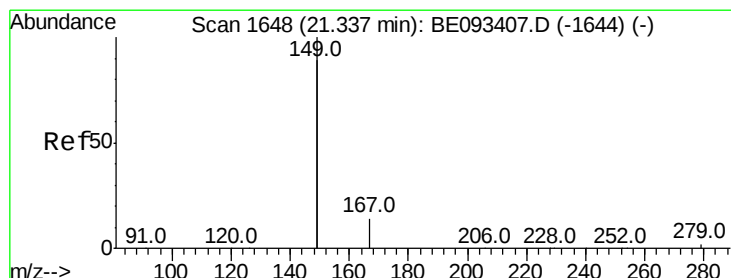
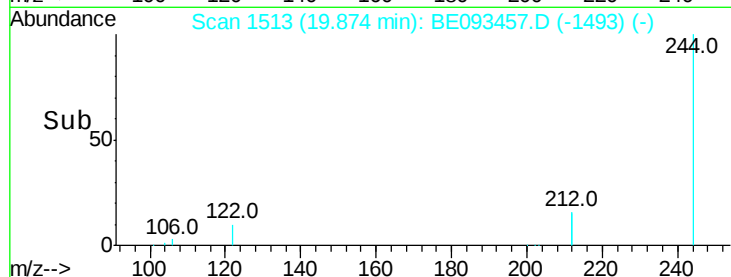
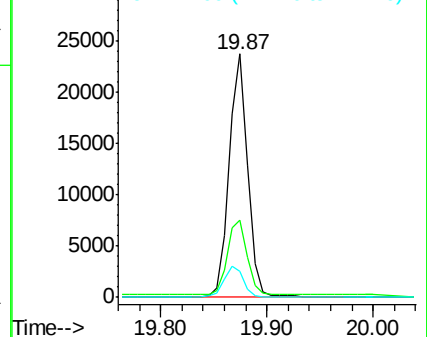
122 10.4 15.4 23.0#



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: 0.065 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

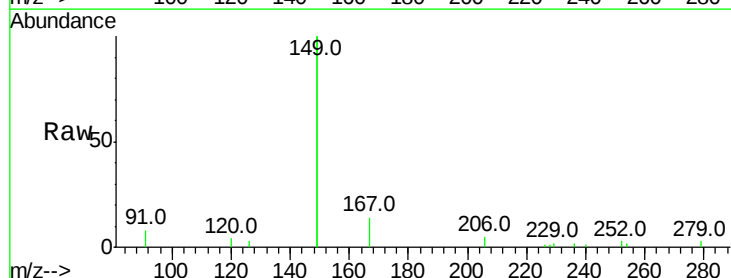
Tgt Ion:149 Resp: 9291

Ion Ratio Lower Upper

149 100

167 6.3 20.1 30.1#

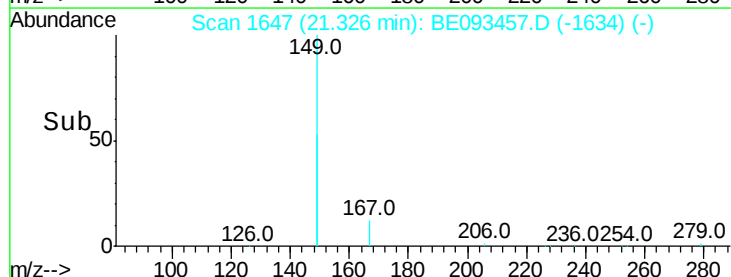
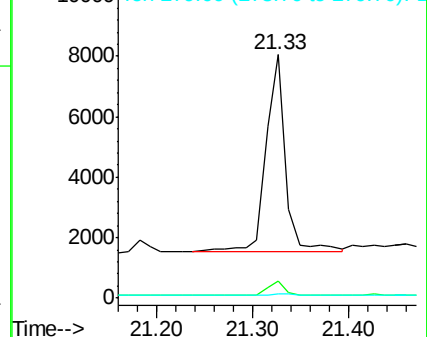
279 0.9 2.2 3.4#

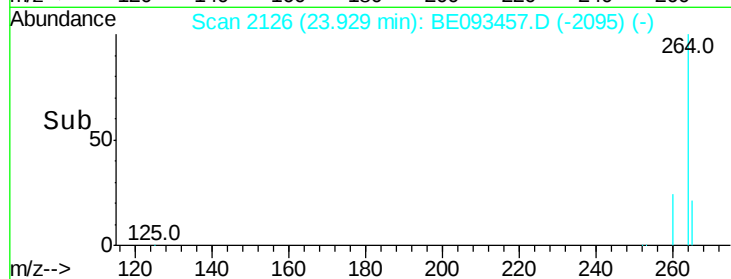
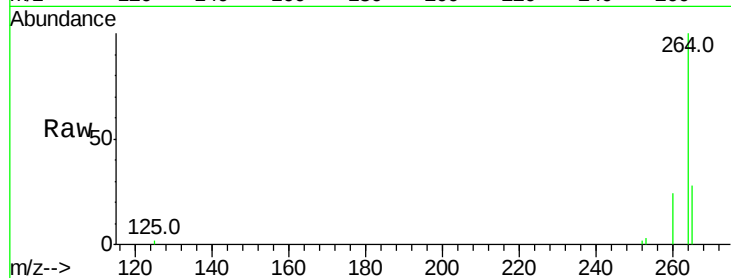
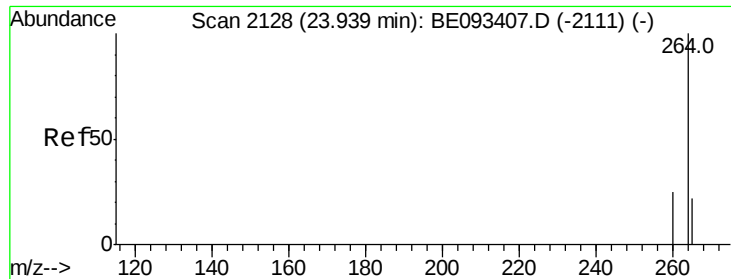


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093457.D

Acq: 13 Jul 2017 14:03

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 31788

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

265 27.9 24.6 36.8

