

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093488.D
 Acq On : 19 Jul 2017 17:13
 Operator : SJ/JU
 Sample : I4199-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:02:47 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

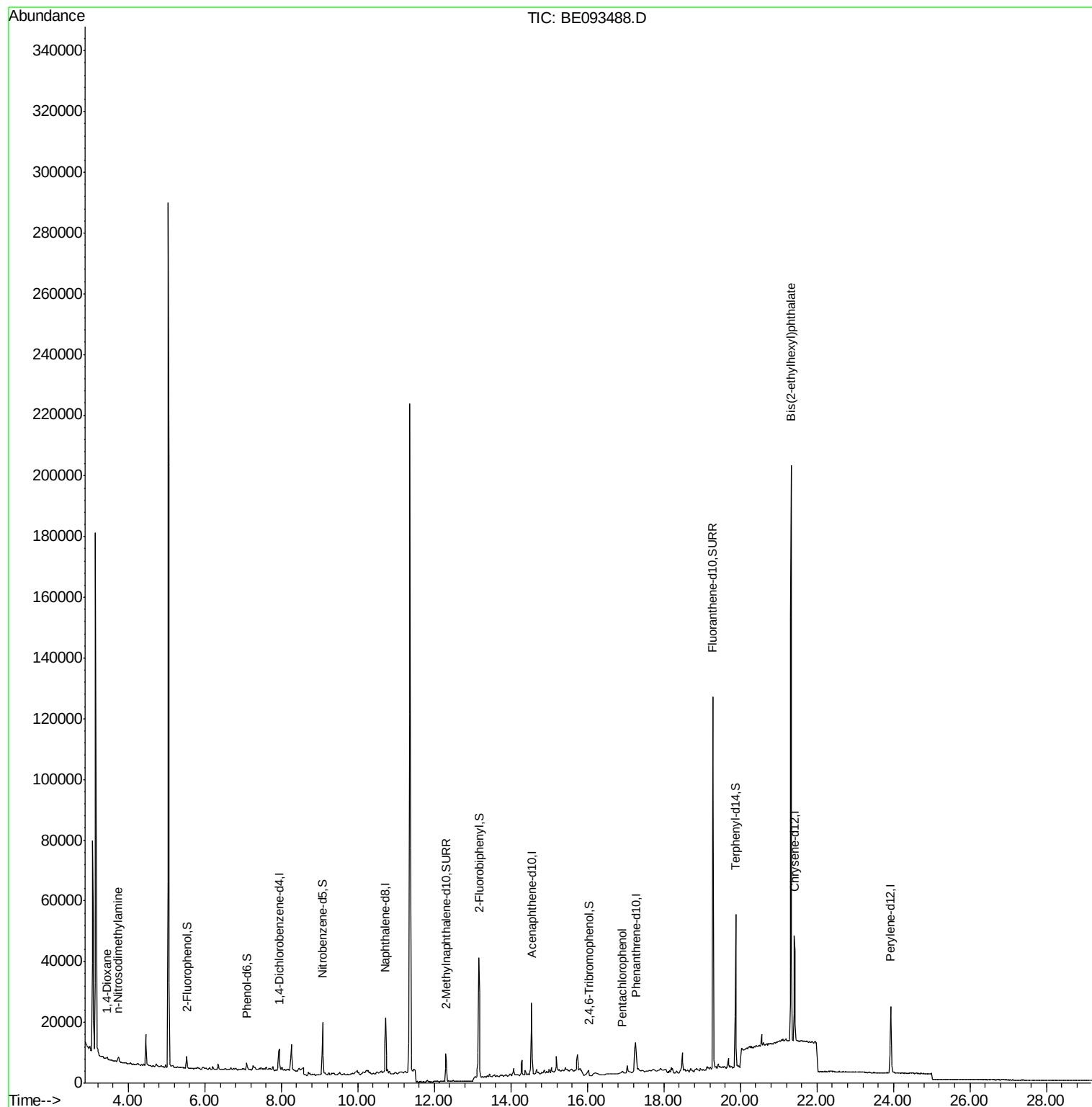
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3637	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	21463	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14718	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	24483	0.40	ng	0.00
27) Chrysene-d12	21.42	240	38907	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33681	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2085	0.19	ng	0.00
5) Phenol-d6	7.10	99	2162	0.13	ng	0.00
8) Nitrobenzene-d5	9.08	82	6705	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12853	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1860	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	39321	0.69	ng	-0.01
25) Fluoranthene-d10	19.28	212	156718	0.53	ng	0.00
29) Terphenyl-d14	19.87	244	43890	0.63	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	467	0.061	ng	# 17
3) n-Nitrosodimethylamine	3.72	42	763	0.260	ng	# 1
22) Pentachlorophenol	16.91	266	663	0.348	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	230136	1.521	ng	# 67

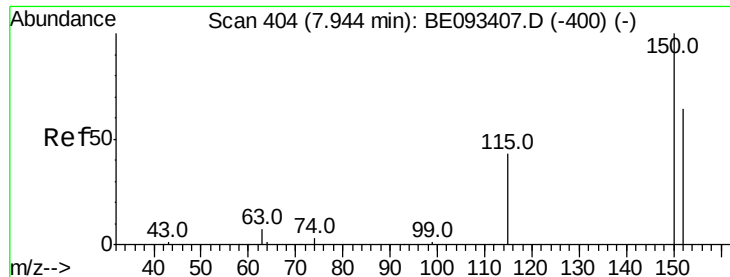
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
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BNA_E
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Quant Time: Jul 20 12:02:47 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.94 min Scan# 404

Delta R.T. -0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampled :

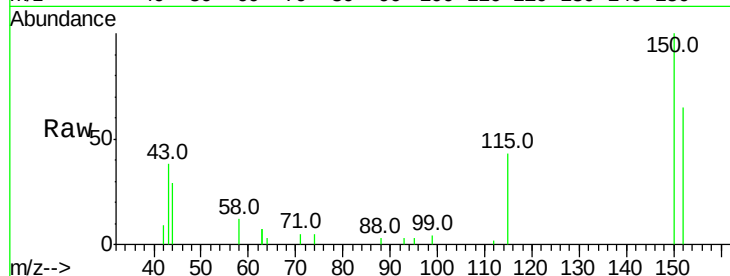
Tot Ion:152 Resp: 3637

Ion Ratio Lower Upper

152 100

150 153.0 125.1 187.7

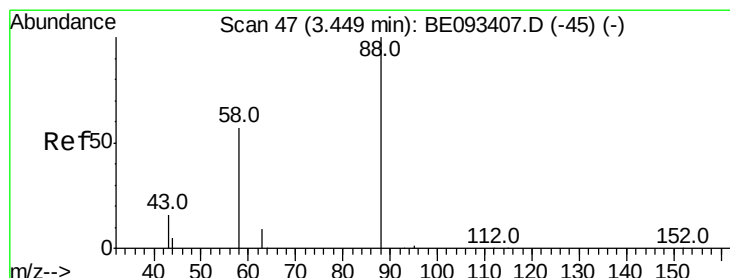
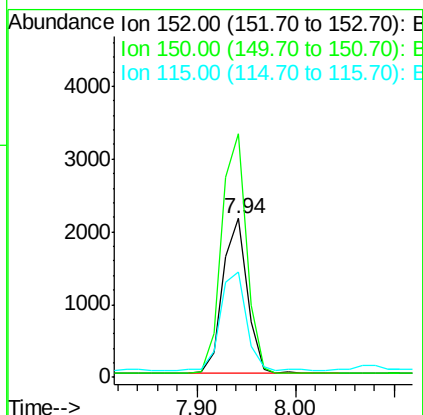
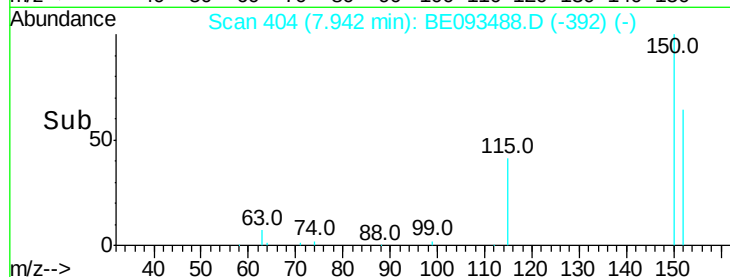
115 65.9 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.061 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

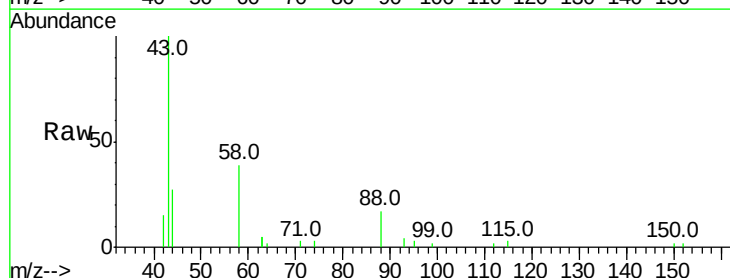
Tgt Ion: 88 Resp: 467

Ion Ratio Lower Upper

88 100

58 159.7 62.2 93.4#

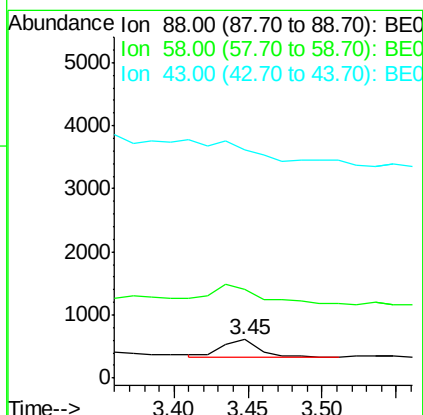
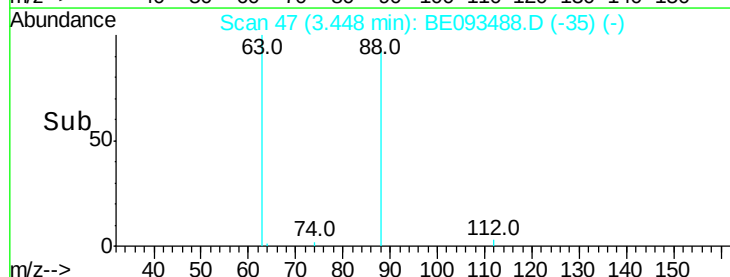
43 0.0 23.2 34.8#

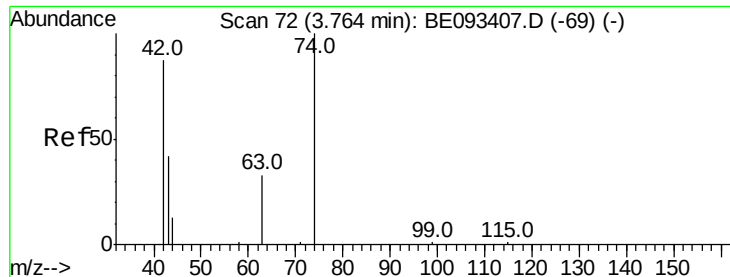


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



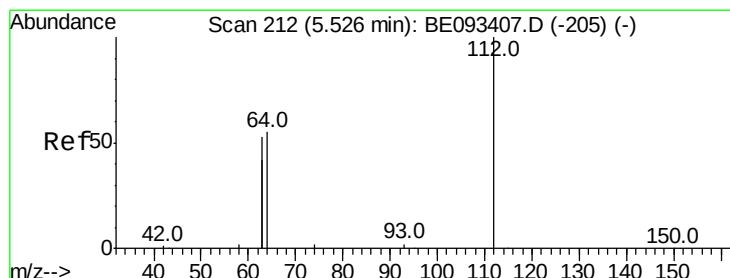
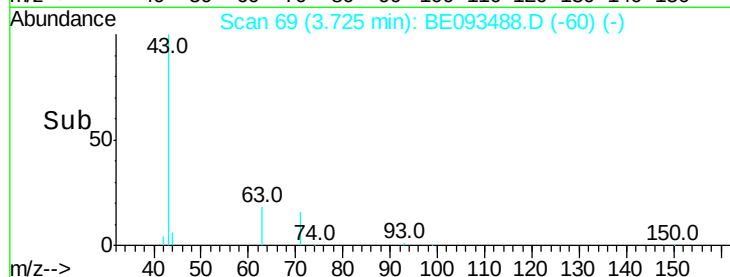
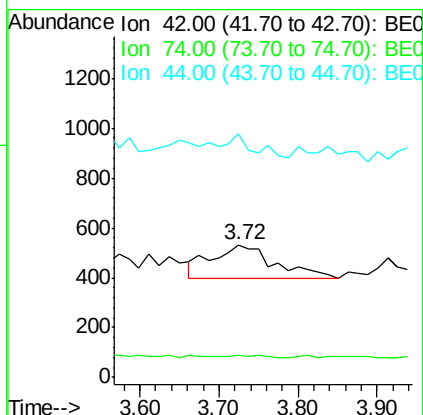
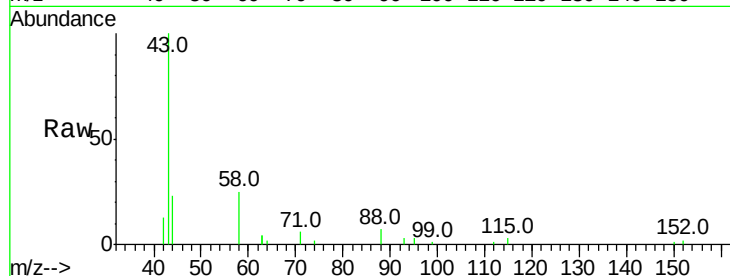


#3

n-Nitrosodimethylamine
Concen: 0.260 ng
RT: 3.72 min Scan# 69
Delta R.T. -0.04 min
Lab File: BE093488.D
Acq: 19 Jul 2017 17:13

Instrument :
BNA_E
ClientSampled :

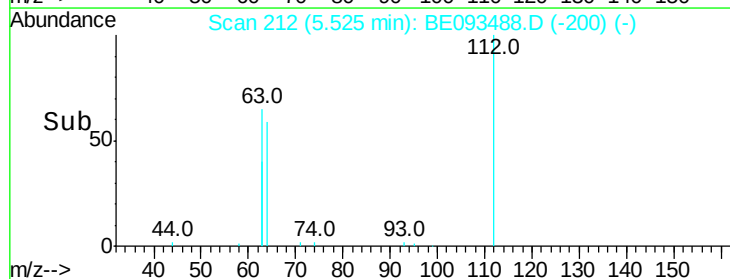
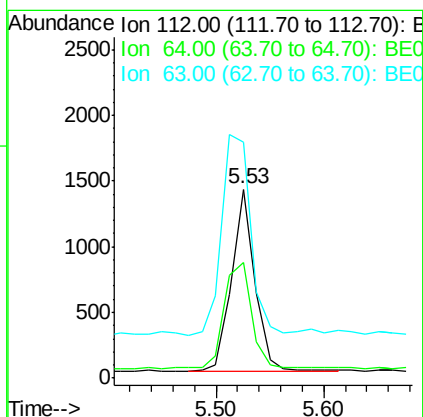
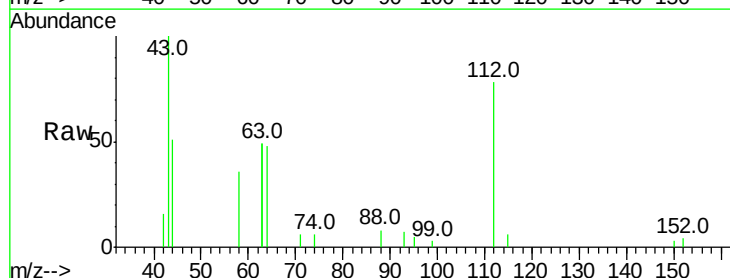
Tot Ion: 42 Resp: 763
Ion Ratio Lower Upper
42 100
74 0.0 99.1 148.7#
44 25.3 7.4 11.2#

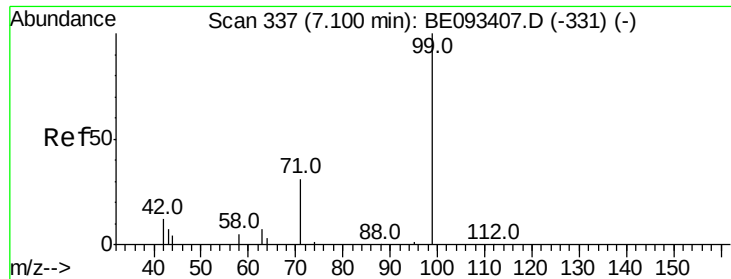


#4

2-Fluorophenol
Concen: 0.190 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093488.D
Acq: 19 Jul 2017 17:13

Tgt Ion: 112 Resp: 2085
Ion Ratio Lower Upper
112 100
64 69.6 56.4 84.6
63 138.7 29.3 43.9#





#5

Phenol-d6

Concen: 0.134 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

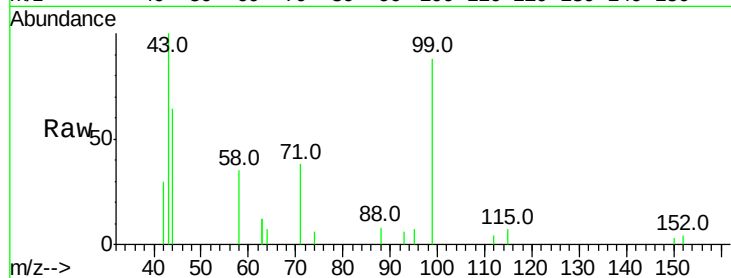
Tot Ion: 99 Resp: 2162

Ion Ratio Lower Upper

99 100

42 19.4 0.0 0.0#

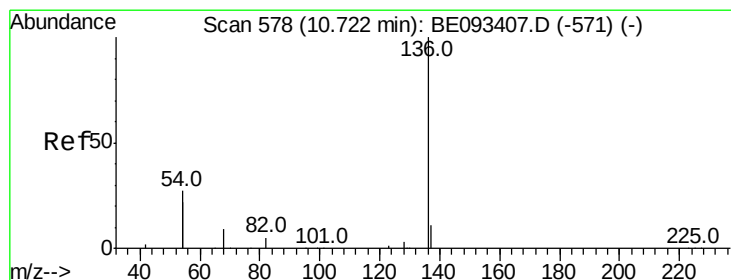
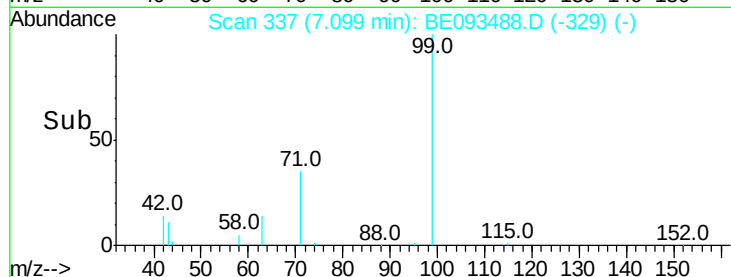
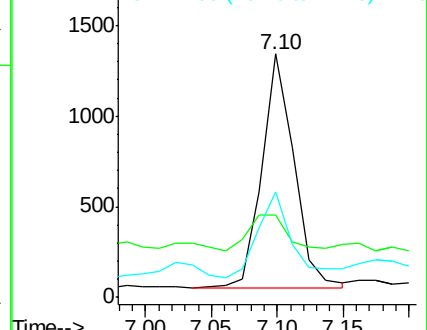
71 38.4 0.0 0.0#



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: BE093488.D

Acq: 19 Jul 2017 17:13

Tgt Ion: 136 Resp: 21463

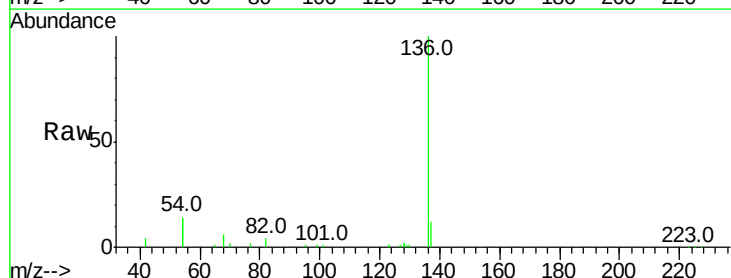
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 28.4 10.3 15.5#

68 6.1 9.0 13.4#

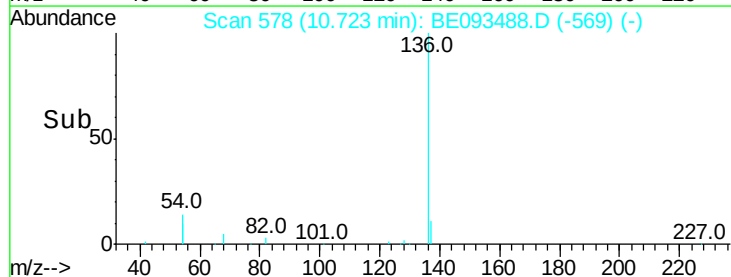
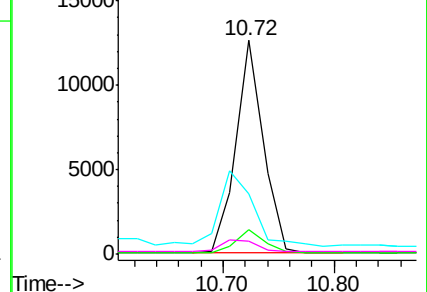


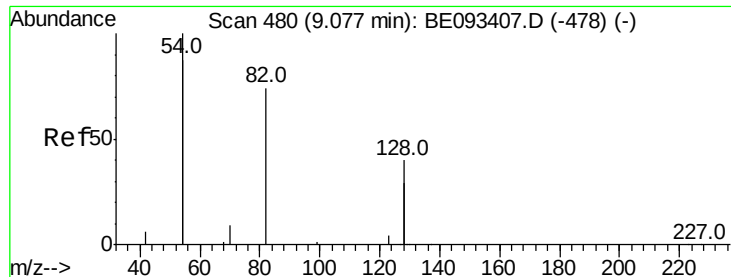
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.489 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

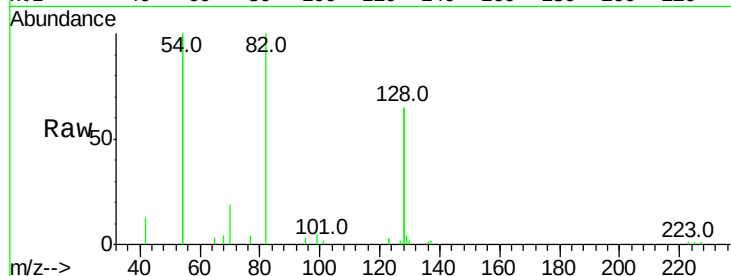
Tot Ion: 82 Resp: 6705

Ion Ratio Lower Upper

82 100

128 130.6 17.0 25.4#

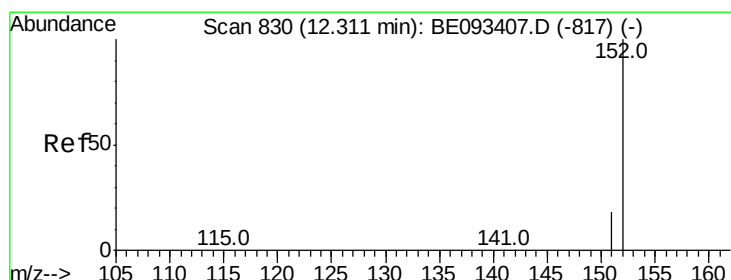
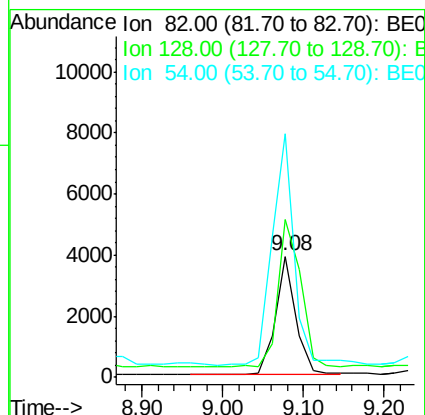
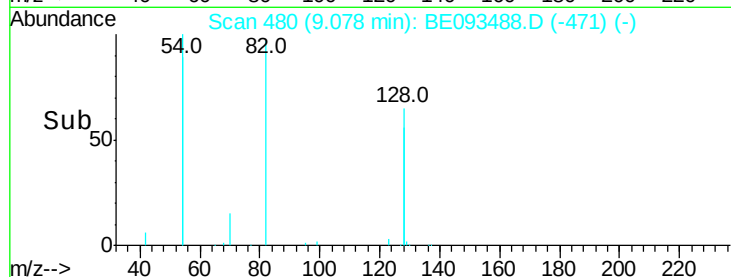
54 200.9 53.8 80.6#



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: 0.375 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093488.D

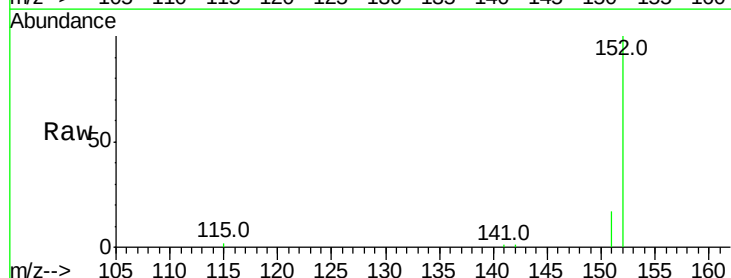
Acq: 19 Jul 2017 17:13

Tgt Ion: 152 Resp: 12853

Ion Ratio Lower Upper

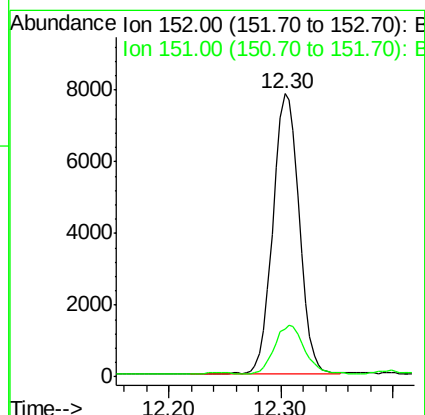
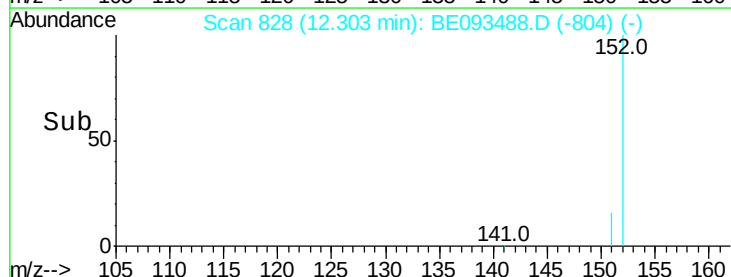
152 100

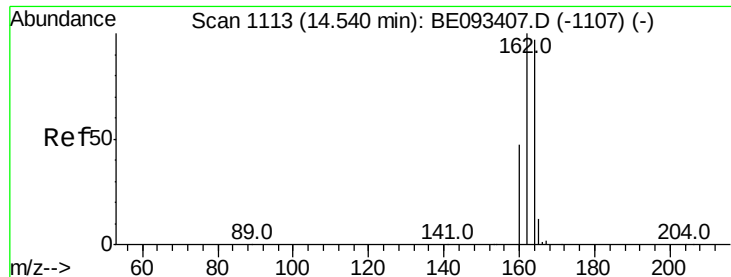
151 19.8 15.1 22.7



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: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

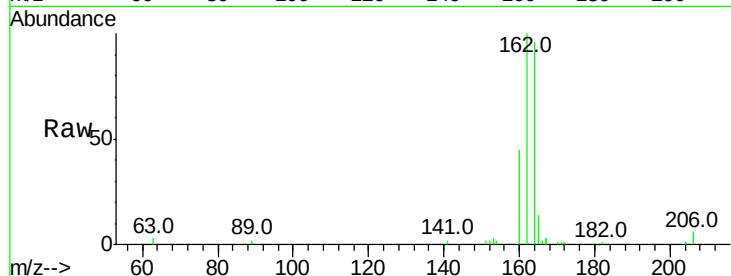
Tot Ion:164 Resp: 14718

Ion Ratio Lower Upper

164 100

162 104.6 84.6 127.0

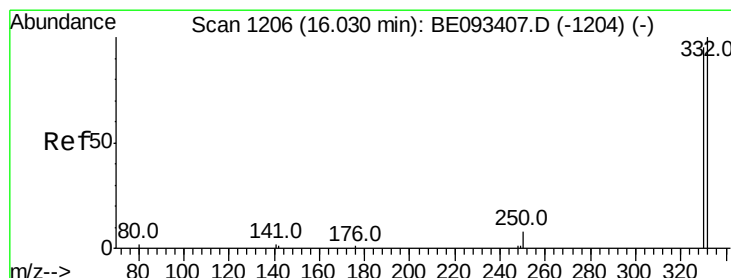
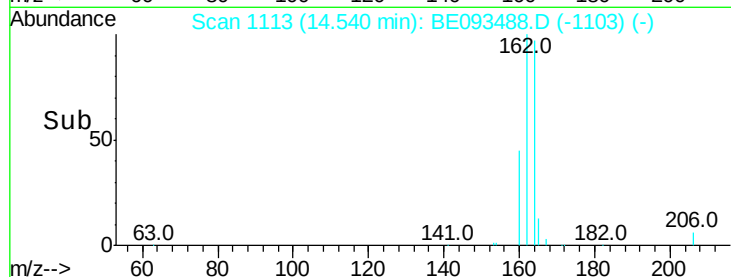
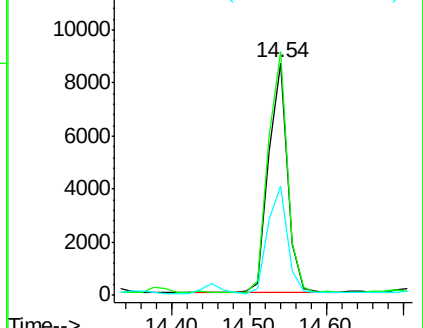
160 46.7 41.8 62.6



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: 0.402 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

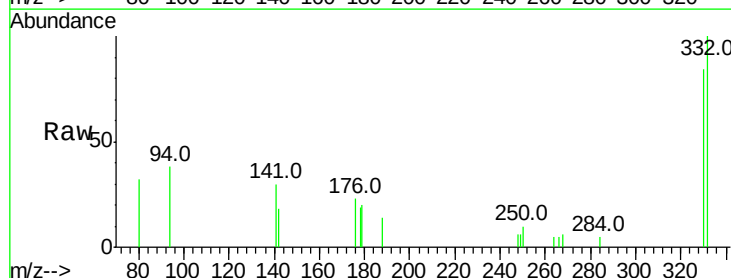
Tgt Ion:330 Resp: 1860

Ion Ratio Lower Upper

330 100

332 111.9 77.7 116.5

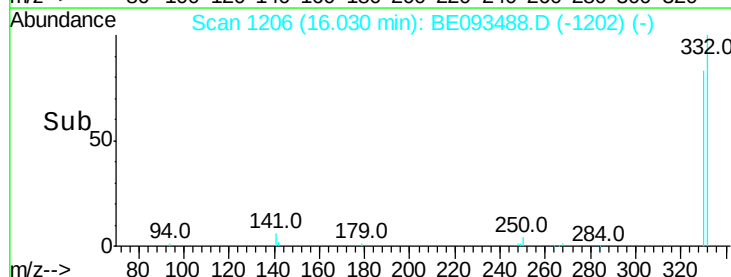
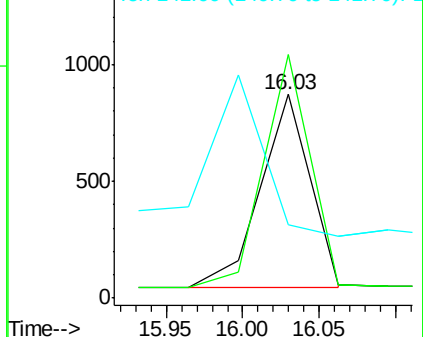
141 0.0 56.2 84.4#

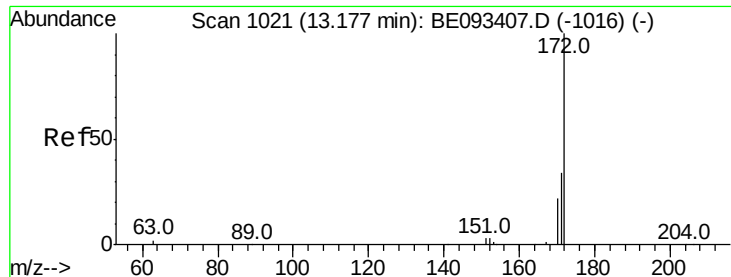


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

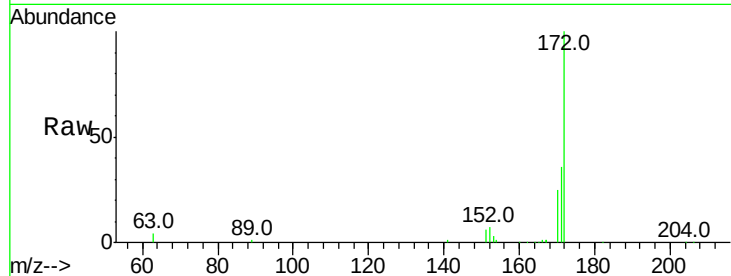




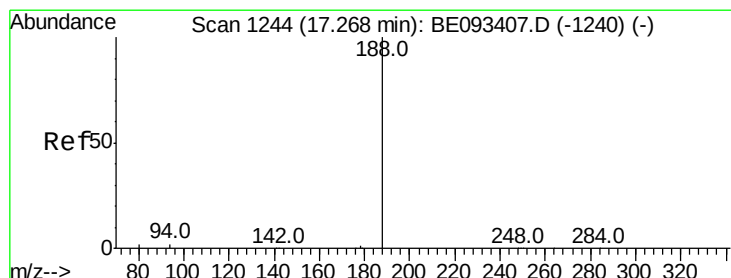
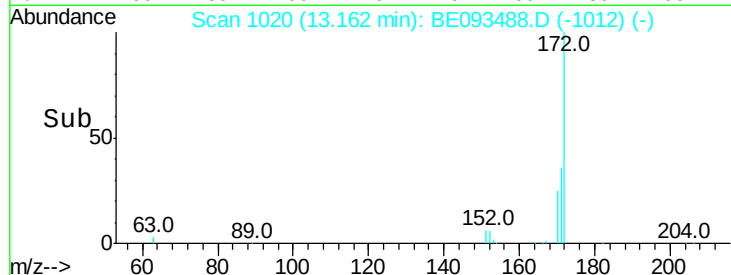
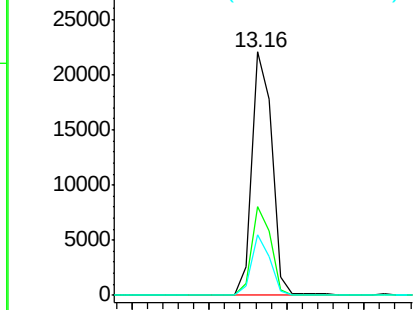
#15
2-Fluorobiphenyl
Concen: 0.688 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093488.D
Acq: 19 Jul 2017 17:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 39321
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 25.0 20.7 31.1

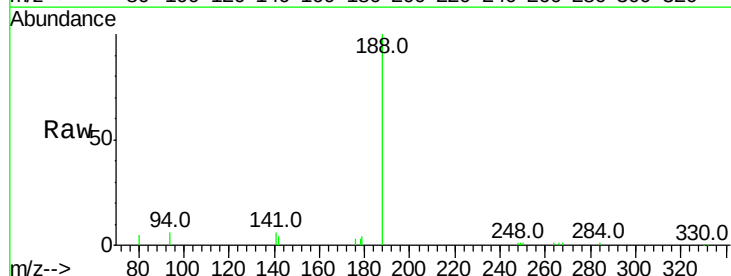


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

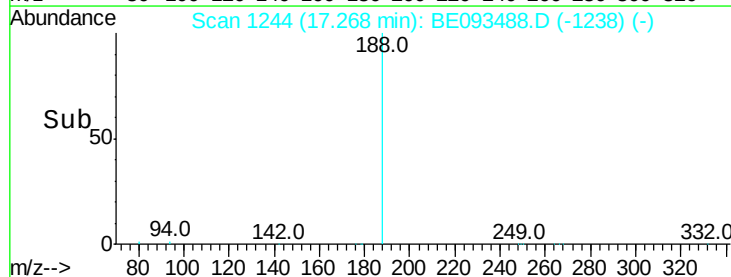
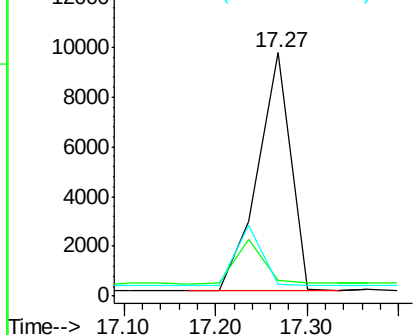


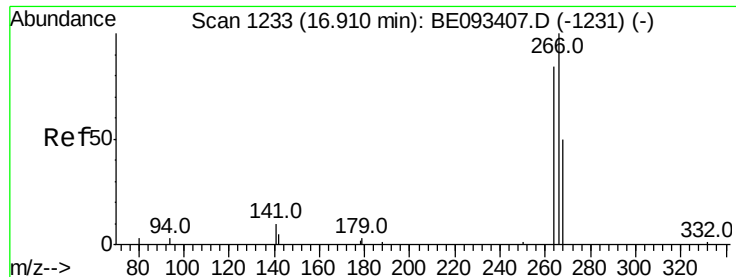
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093488.D
Acq: 19 Jul 2017 17:13

Tgt Ion:188 Resp: 24483
Ion Ratio Lower Upper
188 100
94 6.3 11.3 16.9#
80 4.9 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: 0.348 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

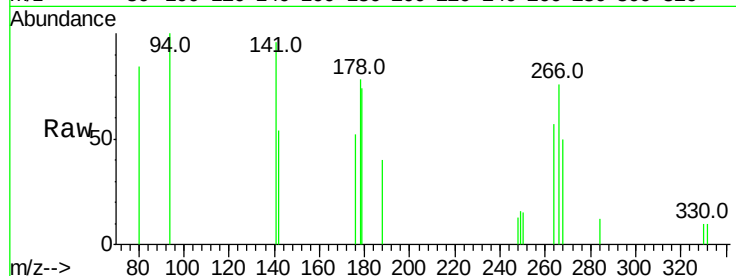
Tot Ion:266 Resp: 663

Ion Ratio Lower Upper

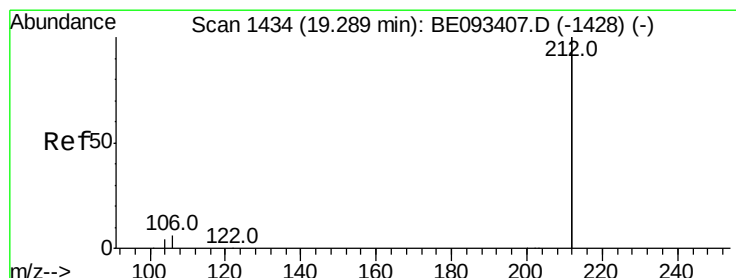
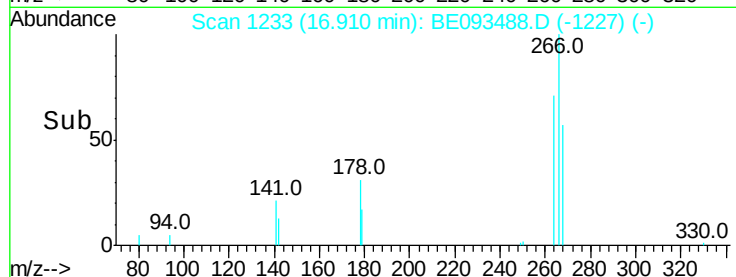
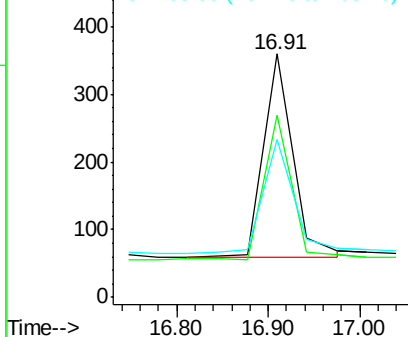
266 100

264 74.7 58.2 87.2

268 65.0 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: 0.531 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

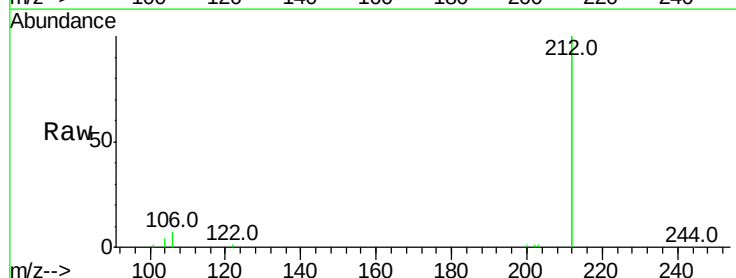
Tgt Ion:212 Resp: 156718

Ion Ratio Lower Upper

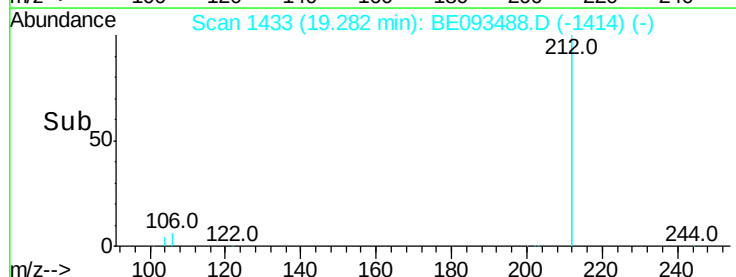
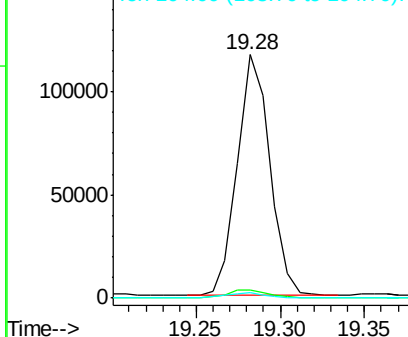
212 100

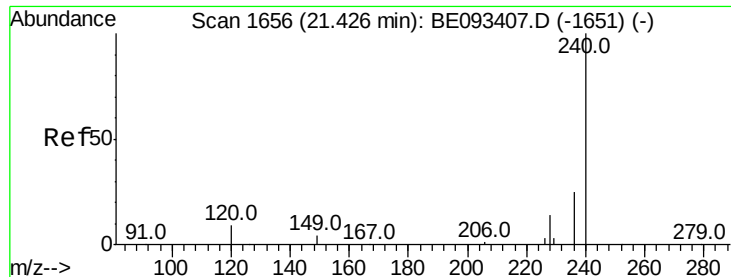
106 3.3 2.4 3.6

104 2.1 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: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

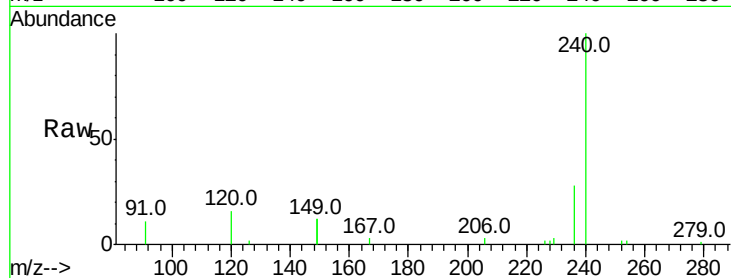
Tot Ion:240 Resp: 38907

Ion Ratio Lower Upper

240 100

120 15.7 4.6 7.0#

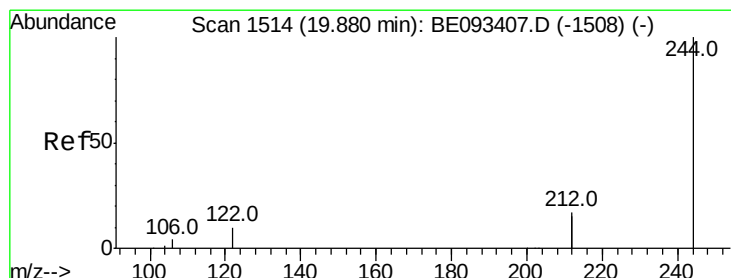
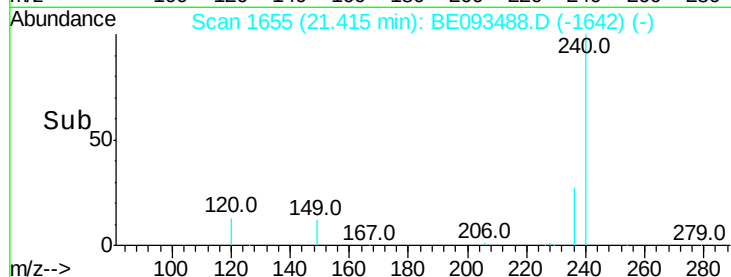
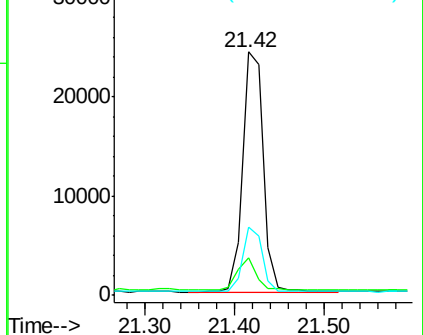
236 28.2 20.8 31.2



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: 0.632 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

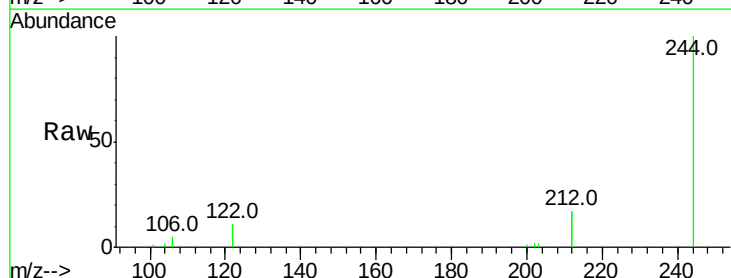
Tgt Ion:244 Resp: 43890

Ion Ratio Lower Upper

244 100

212 34.7 10.6 16.0#

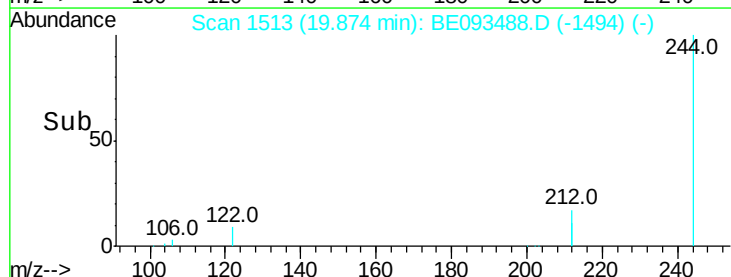
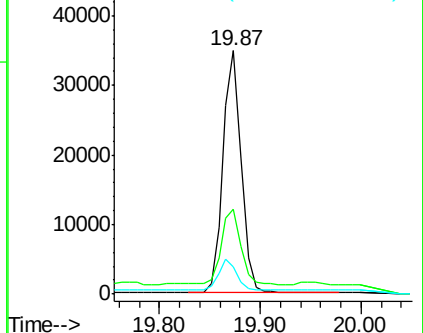
122 11.0 15.4 23.0#

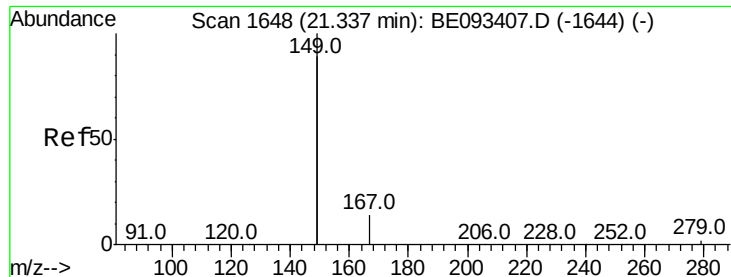


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 1.521 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

Instrument :

BNA_E

ClientSampleId :

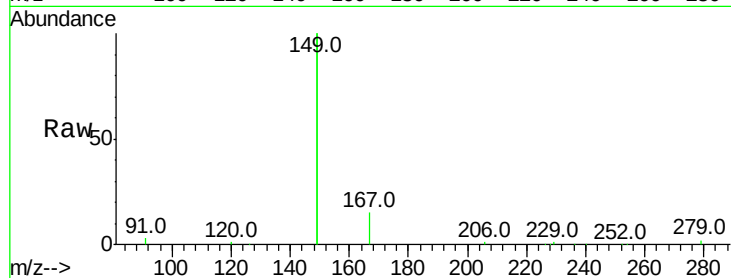
Tot Ion:149 Resp: 230136

Ion Ratio Lower Upper

149 100

167 6.8 20.1 30.1#

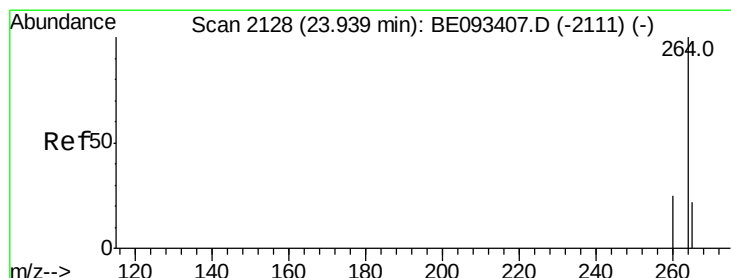
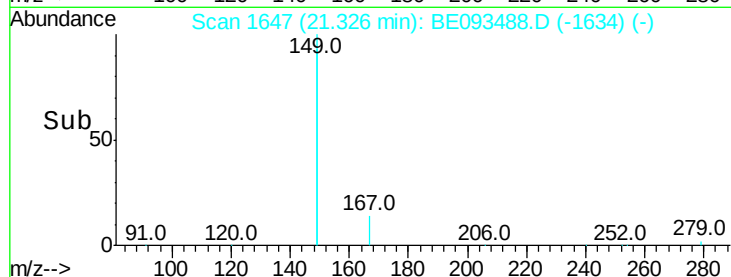
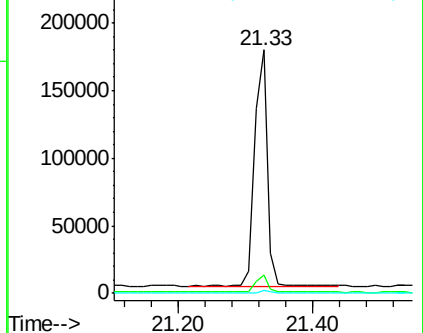
279 0.9 2.2 3.4#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093488.D

Acq: 19 Jul 2017 17:13

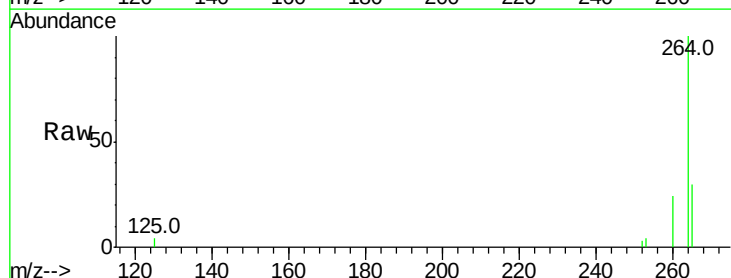
Tgt Ion:264 Resp: 33681

Ion Ratio Lower Upper

264 100

260 24.3 21.0 31.4

265 29.8 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

