

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093483.D
 Acq On : 19 Jul 2017 14:05
 Operator : SJ/JU
 Sample : I4199-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:01:55 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

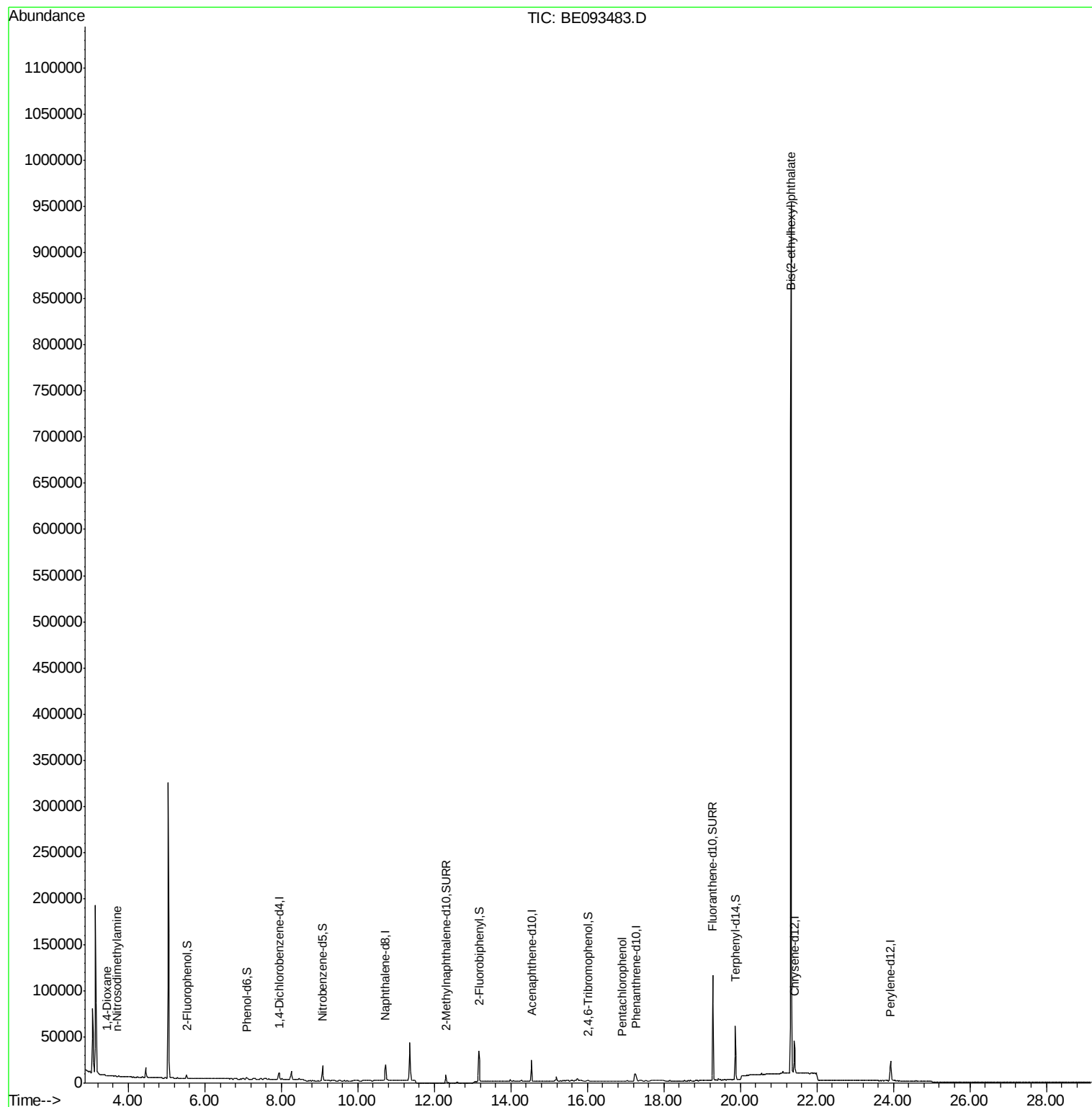
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3588	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	20758	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13634	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	21440	0.40	ng	0.00
27) Chrysene-d12	21.41	240	36994	0.40	ng	-0.01
34) Perylene-d12	23.93	264	31806	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2187	0.20	ng	0.00
5) Phenol-d6	7.10	99	2159	0.14	ng	0.00
8) Nitrobenzene-d5	9.08	82	6519	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	12003	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1402	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	33804	0.64	ng	-0.01
25) Fluoranthene-d10	19.28	212	146982	0.57	ng	0.00
29) Terphenyl-d14	19.87	244	52960	0.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	159	0.021	ng	# 1
3) n-Nitrosodimethylamine	3.71	42	341	0.186	ng	# 2
22) Pentachlorophenol	16.91	266	448	0.259	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.33	149	1133771	7.882	ng	# 67

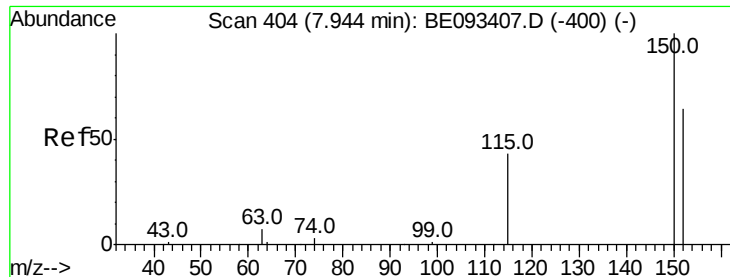
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

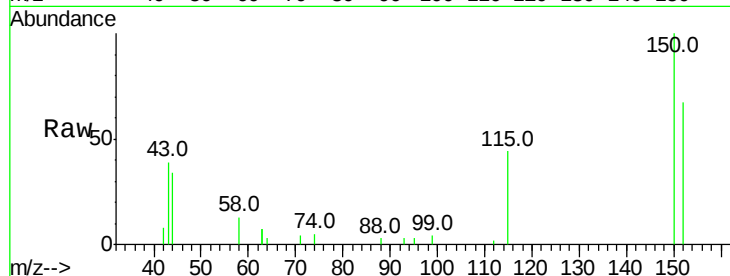
Tot Ion:152 Resp: 3588

Ion Ratio Lower Upper

152 100

150 149.4 125.1 187.7

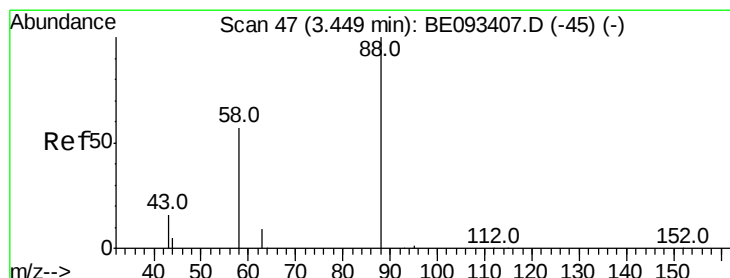
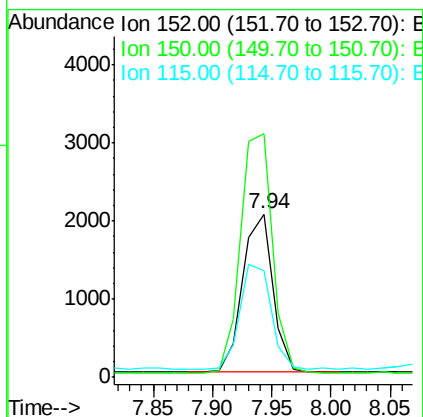
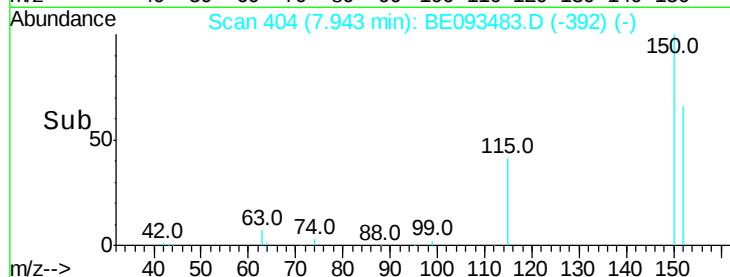
115 65.7 55.7 83.5



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: 0.021 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

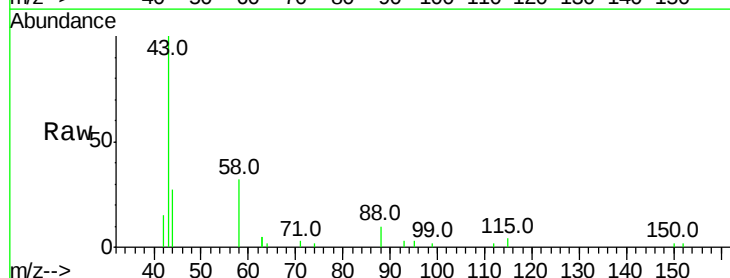
Tgt Ion: 88 Resp: 159

Ion Ratio Lower Upper

88 100

58 350.9 62.2 93.4#

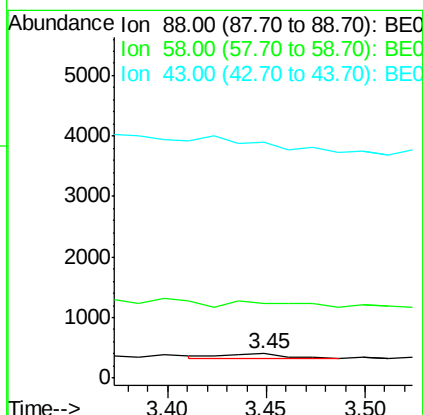
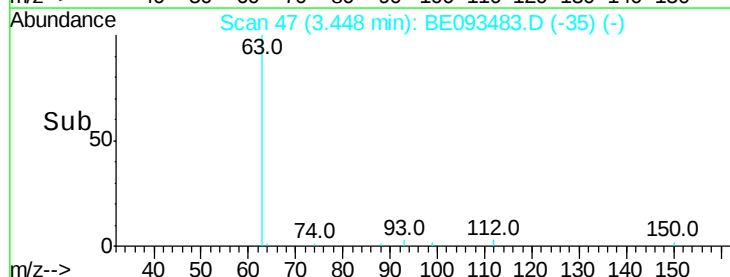
43 0.0 23.2 34.8#



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



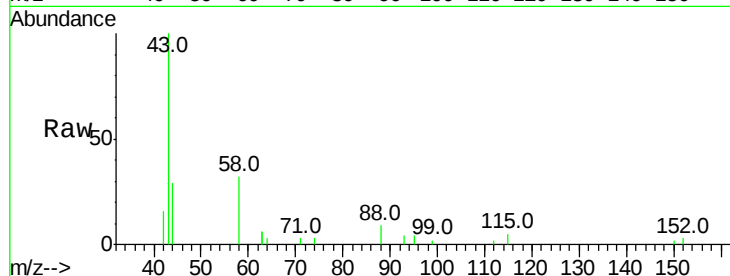


#3

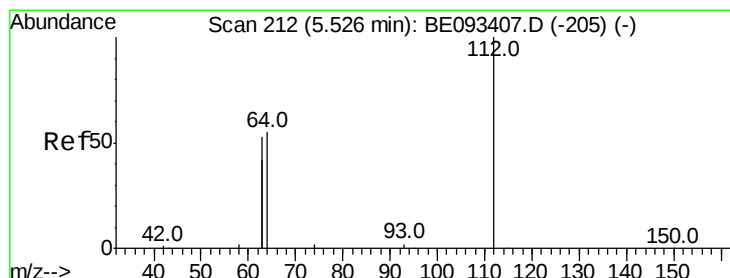
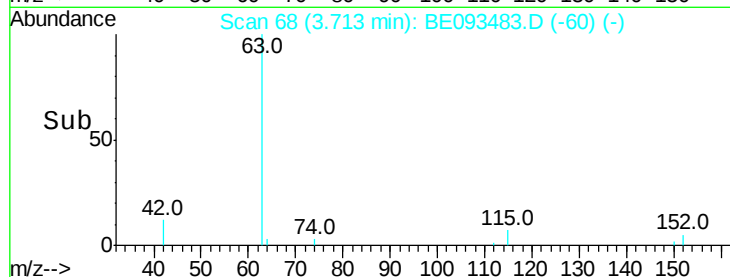
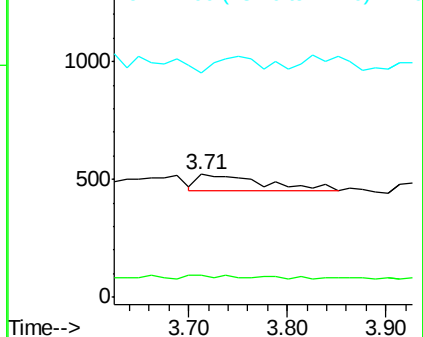
n-Nitrosodimethylamine
 Concen: 0.186 ng
 RT: 3.71 min Scan# 68
 Delta R.T. -0.05 min
 Lab File: BE093483.D
 Acq: 19 Jul 2017 14:05

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 341
 Ion Ratio Lower Upper
 42 100
 74 6.7 99.1 148.7#
 44 0.0 7.4 11.2#



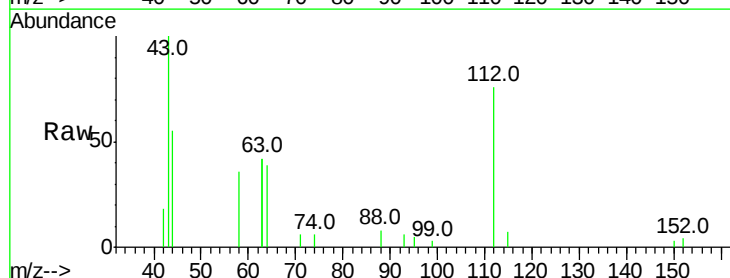
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



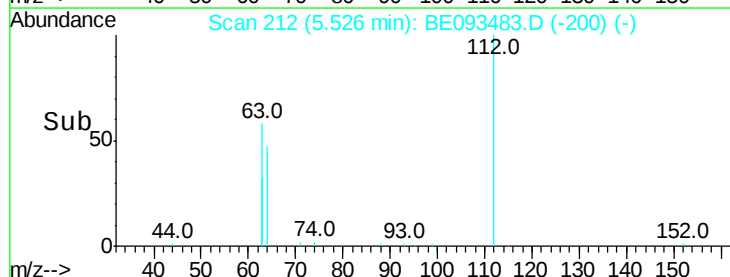
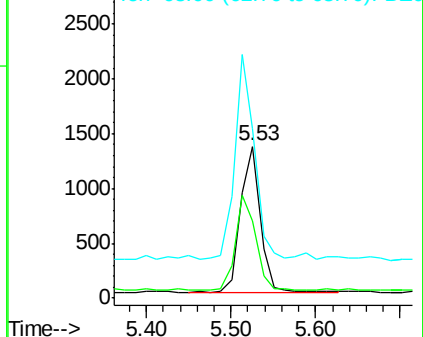
#4

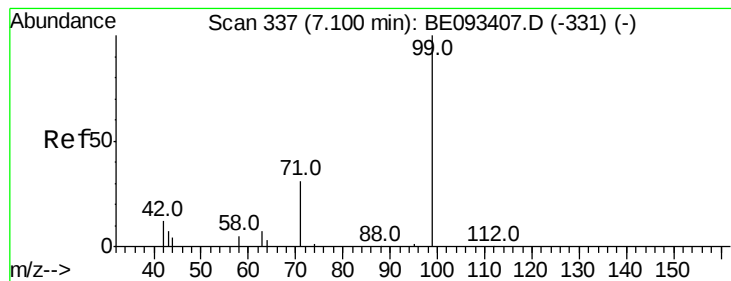
2-Fluorophenol
 Concen: 0.202 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093483.D
 Acq: 19 Jul 2017 14:05

Tgt Ion: 112 Resp: 2187
 Ion Ratio Lower Upper
 112 100
 64 66.7 56.4 84.6
 63 137.3 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: 0.135 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

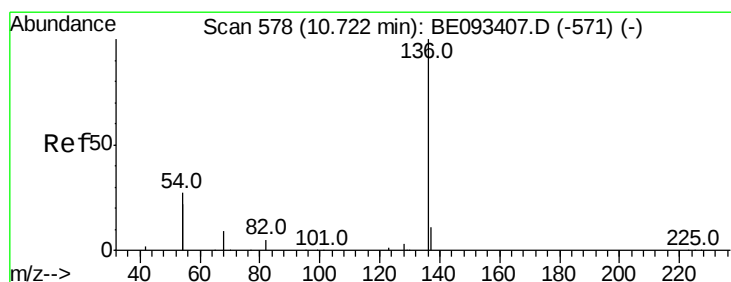
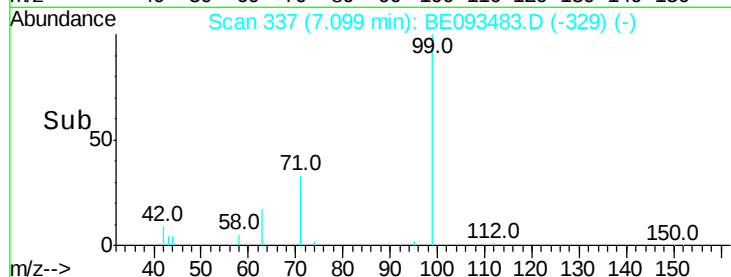
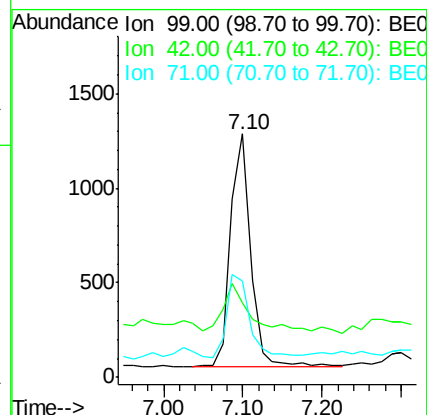
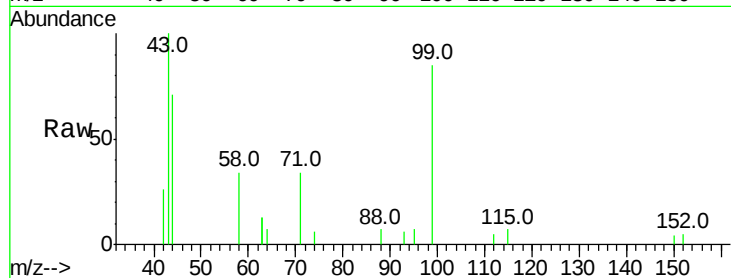
Tot Ion: 99 Resp: 2159

Ion Ratio Lower Upper

99 100

42 24.1 0.0 0.0#

71 41.0 0.0 0.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Tgt Ion: 136 Resp: 20758

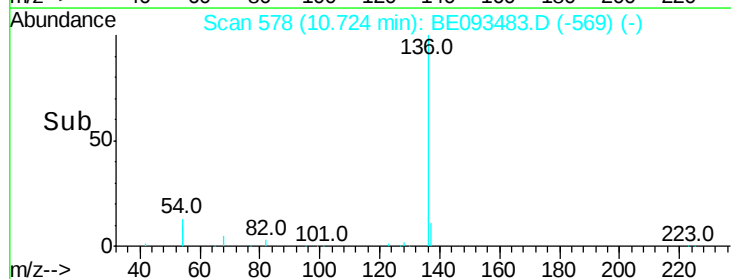
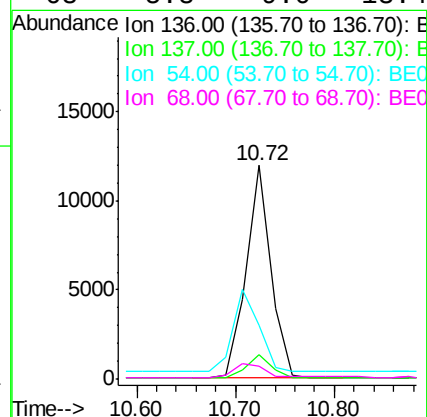
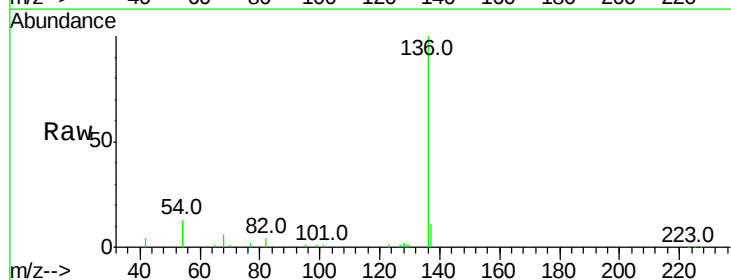
Ion Ratio Lower Upper

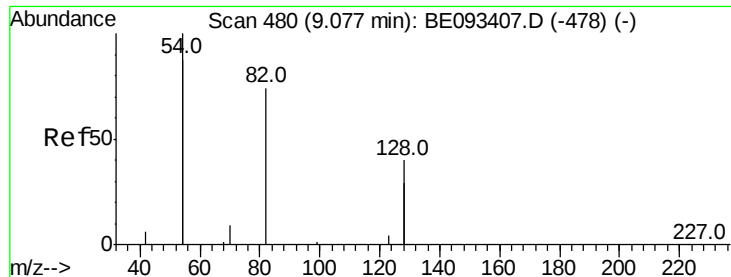
136 100

137 11.2 9.8 14.8

54 25.3 10.3 15.5#

68 5.8 9.0 13.4#





#8

Nitrobenzene-d5

Concen: 0.492 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

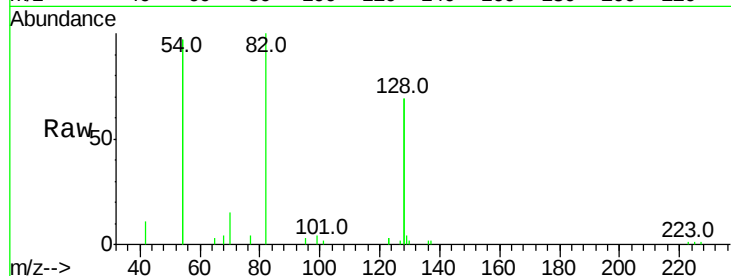
Tot Ion: 82 Resp: 6519

Ion Ratio Lower Upper

82 100

128 138.6 17.0 25.4#

54 193.3 53.8 80.6#

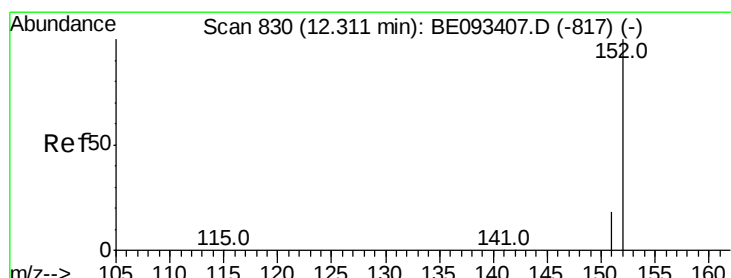
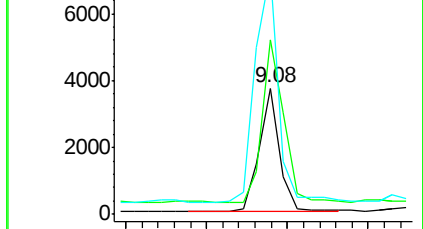
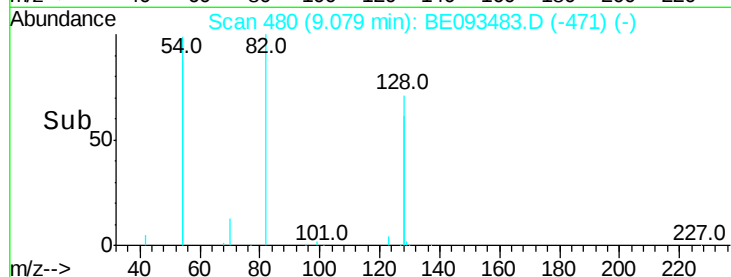


Abundance Ion 82.00 (81.70 to 82.70): BE093407.D (-478) (-)

Ion 128.00 (127.70 to 128.70): BE093407.D (-478) (-)

Ion 54.00 (53.70 to 54.70): BE093407.D (-478) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093483.D

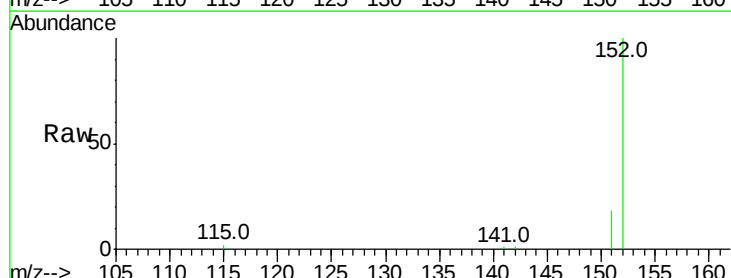
Acq: 19 Jul 2017 14:05

Tgt Ion: 152 Resp: 12003

Ion Ratio Lower Upper

152 100

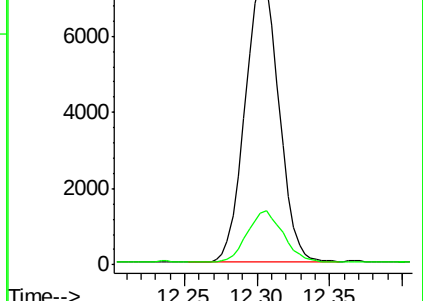
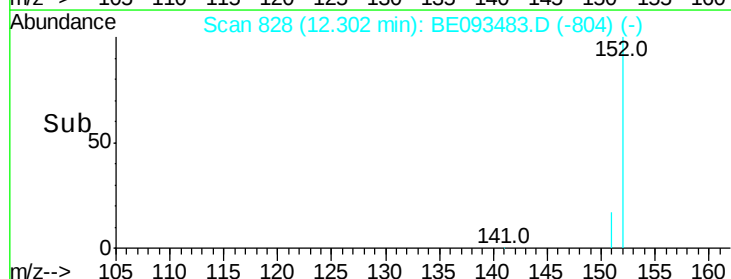
151 19.3 15.1 22.7

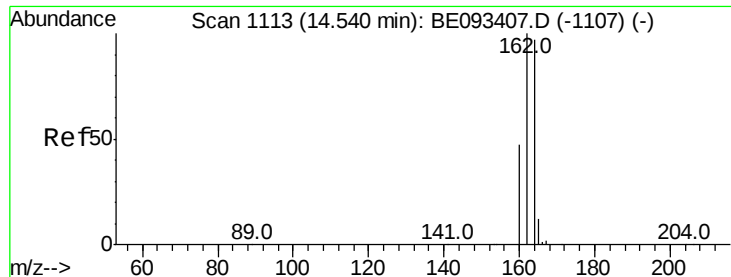


Abundance Ion 152.00 (151.70 to 152.70): BE093407.D (-817) (-)

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

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

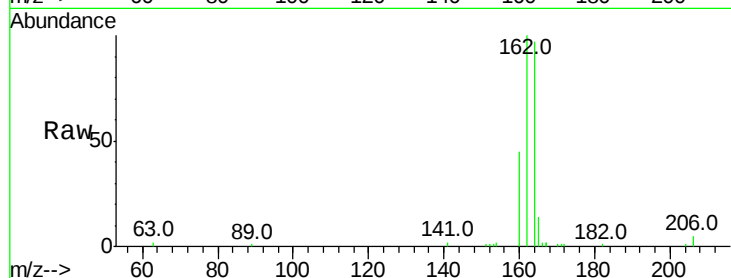
Tot Ion:164 Resp: 13634

Ion Ratio Lower Upper

164 100

162 103.1 84.6 127.0

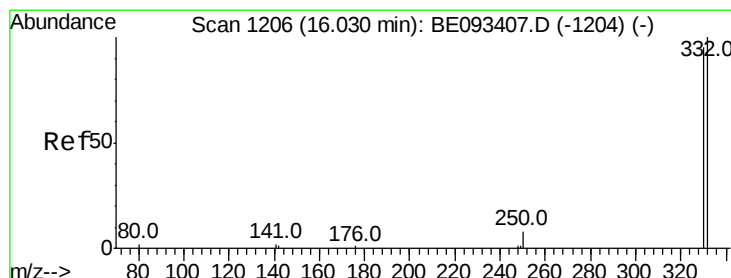
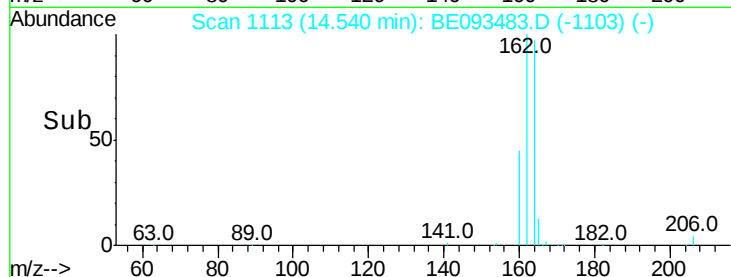
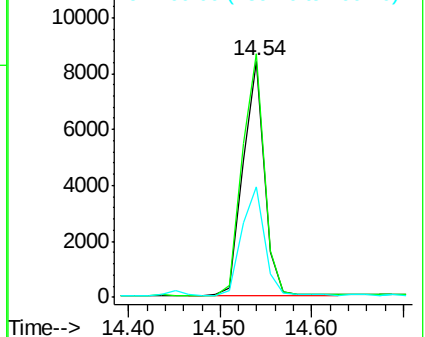
160 46.5 41.8 62.6



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: 0.327 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

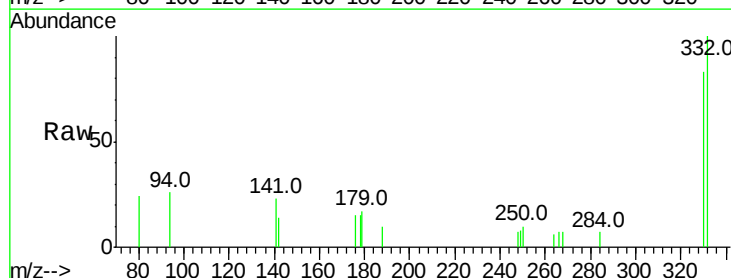
Tgt Ion:330 Resp: 1402

Ion Ratio Lower Upper

330 100

332 112.0 77.7 116.5

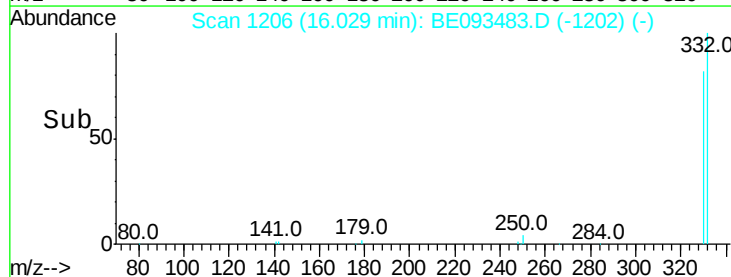
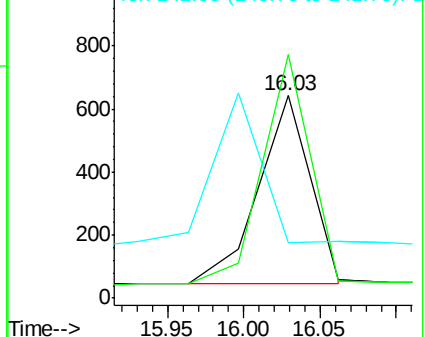
141 0.0 56.2 84.4#

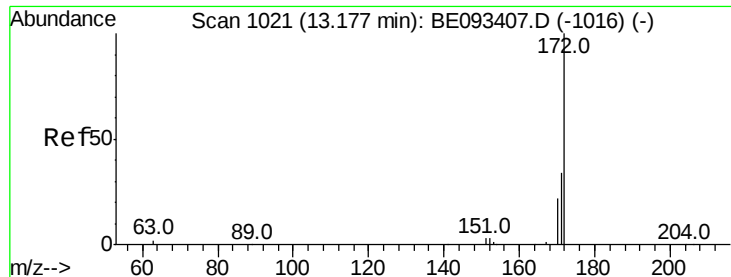


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

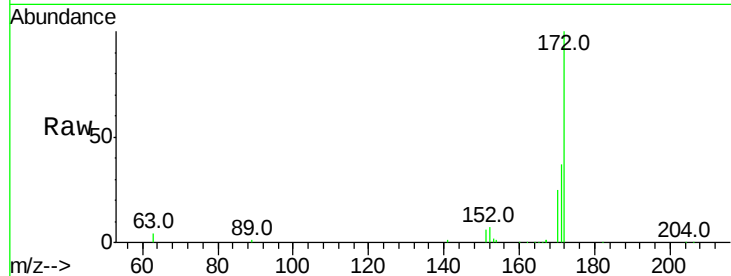




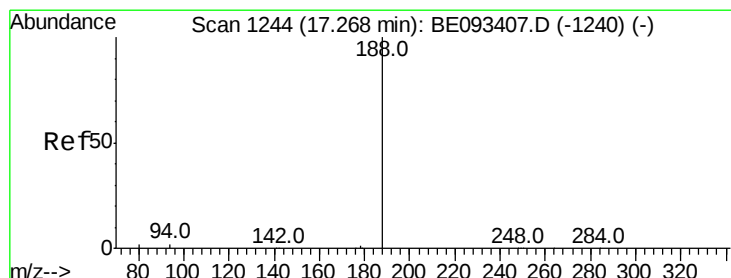
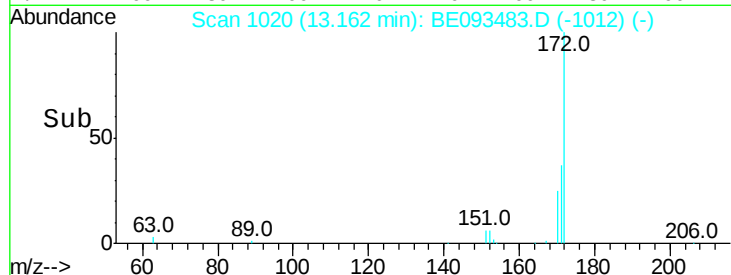
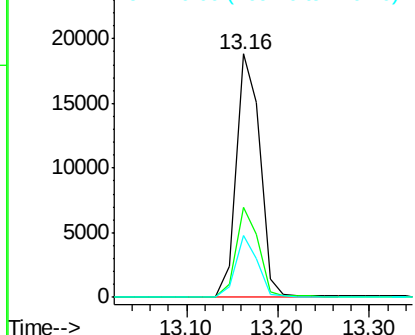
#15
2-Fluorobiphenyl
Concen: 0.639 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093483.D
Acq: 19 Jul 2017 14:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 33804
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.5 20.7 31.1

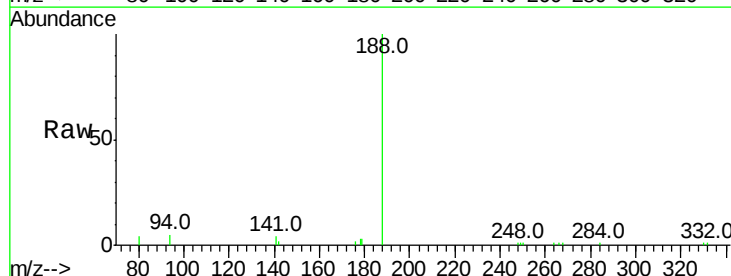


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

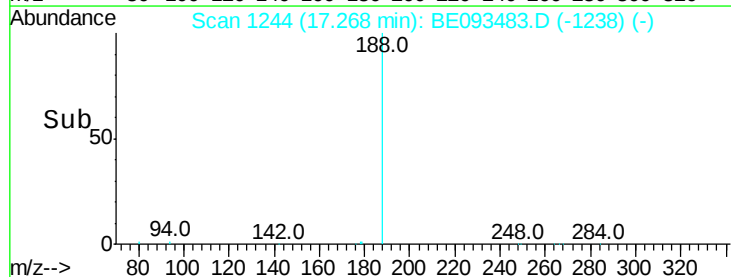
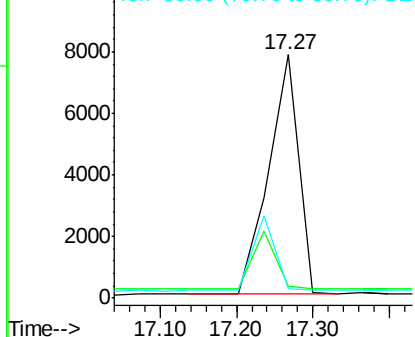


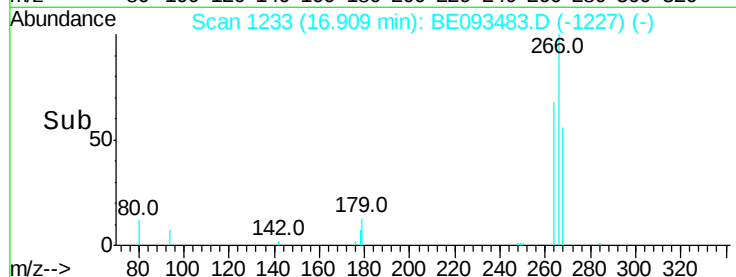
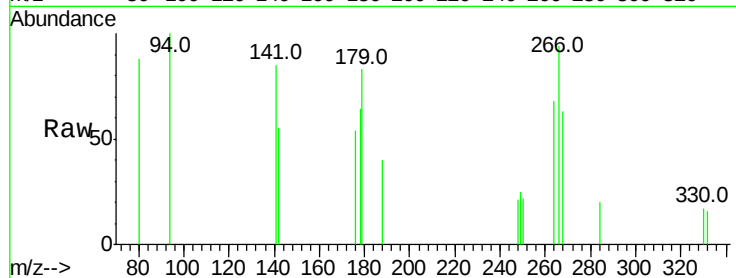
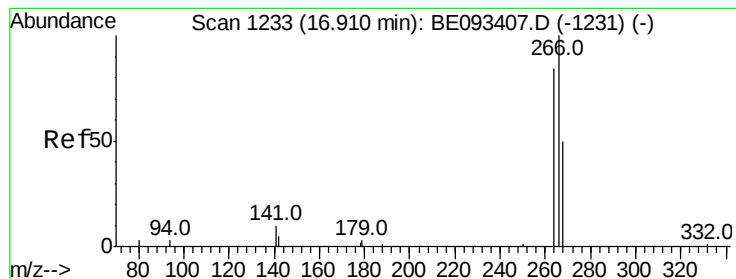
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093483.D
Acq: 19 Jul 2017 14:05

Tgt Ion:188 Resp: 21440
Ion Ratio Lower Upper
188 100
94 5.0 11.3 16.9#
80 4.0 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: 0.259 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

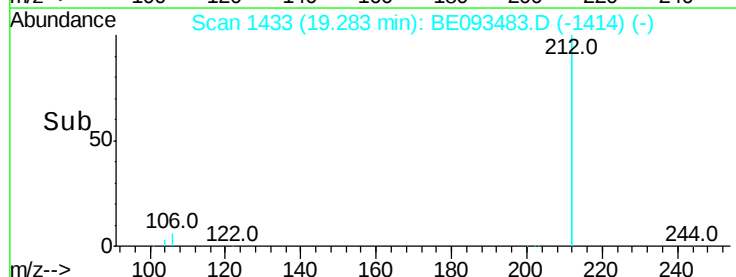
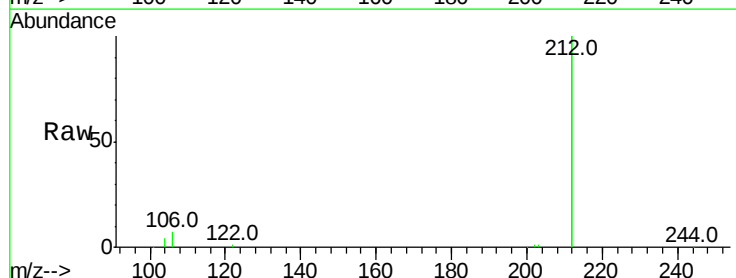
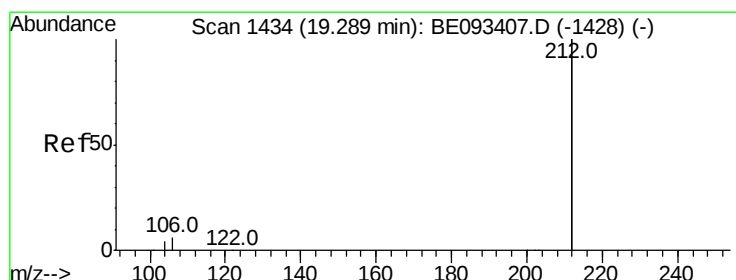
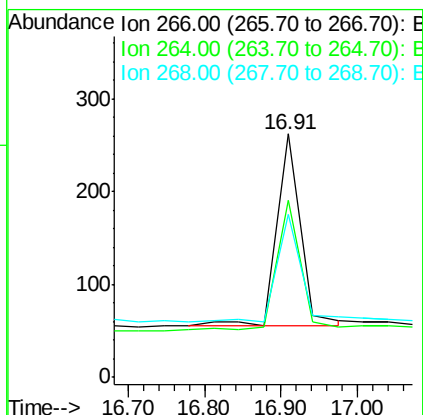
Tot Ion:266 Resp: 448

Ion Ratio Lower Upper

266 100

264 72.9 58.2 87.2

268 67.2 71.9 107.9#



#25

Fluoranthene-d10

Concen: 0.569 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

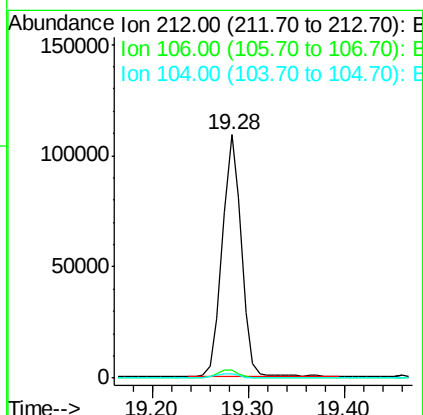
Tgt Ion:212 Resp: 146982

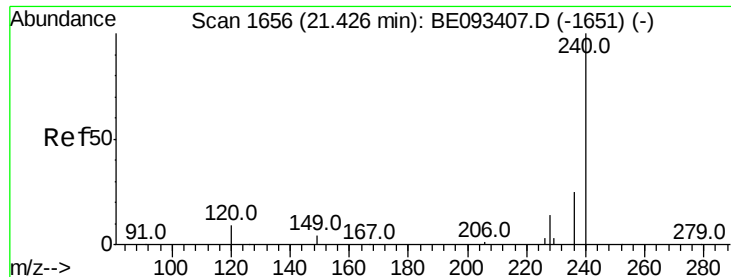
Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

104 1.9 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

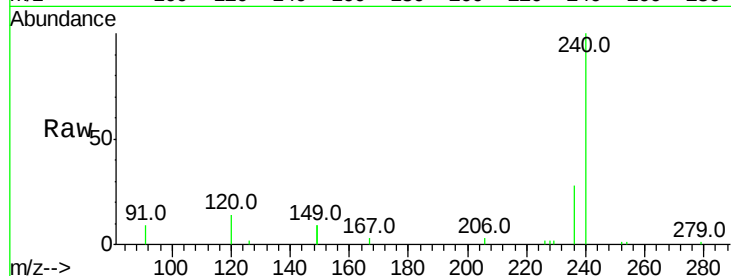
Tot Ion:240 Resp: 36994

Ion Ratio Lower Upper

240 100

120 13.8 4.6 7.0#

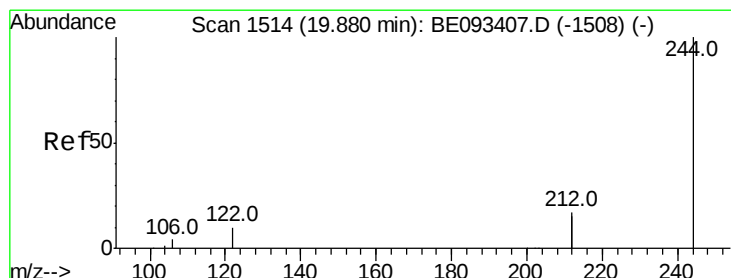
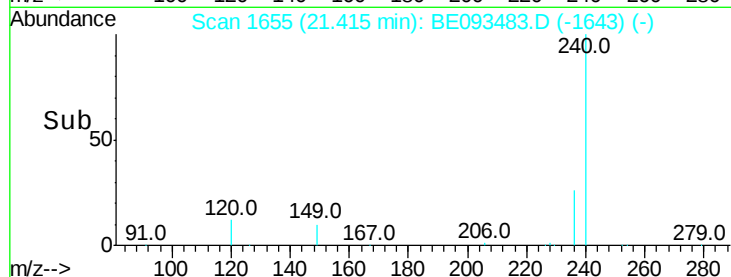
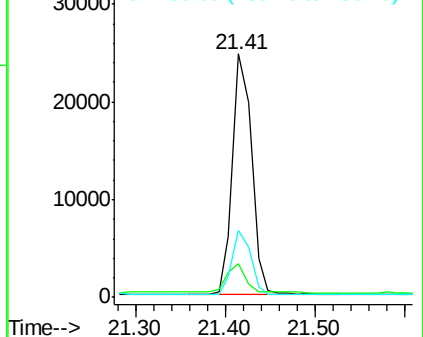
236 27.7 20.8 31.2



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: 0.802 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

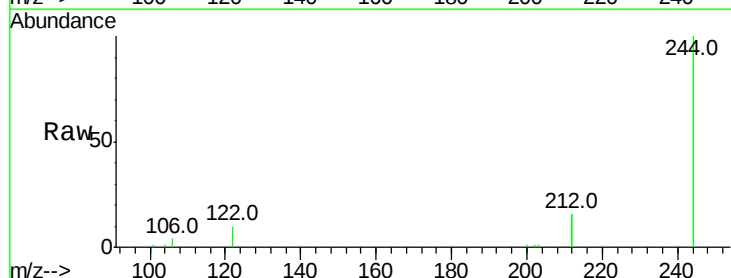
Tgt Ion:244 Resp: 52960

Ion Ratio Lower Upper

244 100

212 32.9 10.6 16.0#

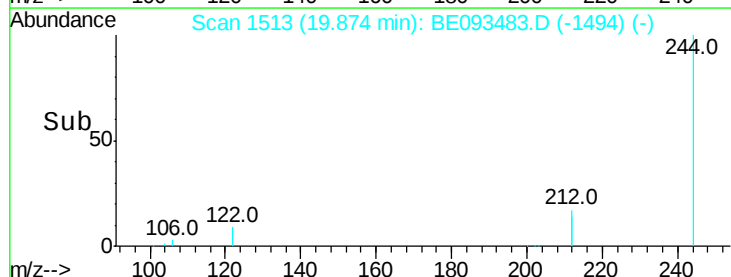
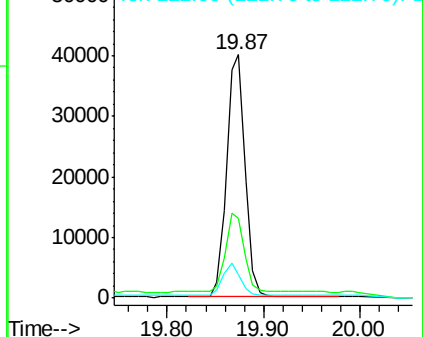
122 9.7 15.4 23.0#

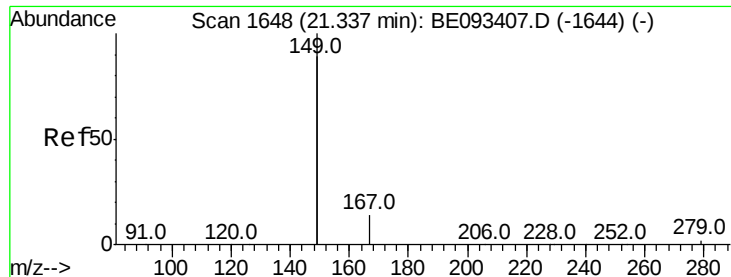


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 7.882 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093483.D

Acq: 19 Jul 2017 14:05

Instrument :

BNA_E

ClientSampleId :

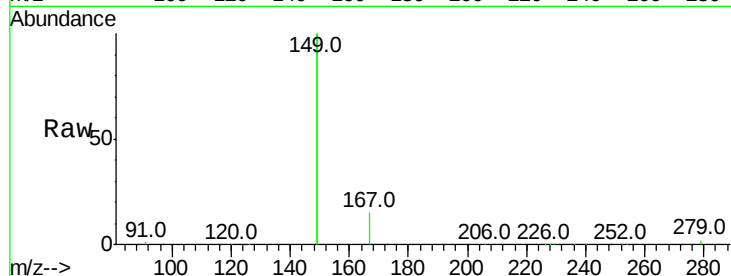
Tot Ion:149 Resp: 1133771

Ion	Ratio	Lower	Upper
149	100		
167	6.7	20.1	30.1#
279	0.9	2.2	3.4#

149 100

167 6.7 20.1 30.1#

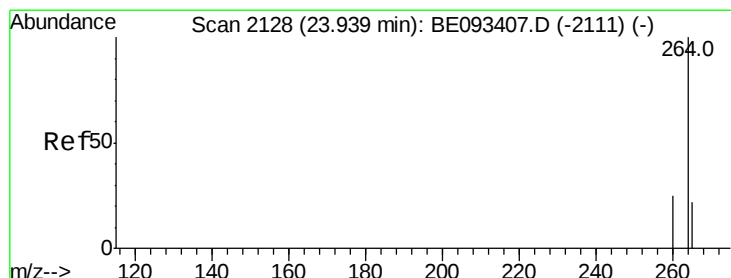
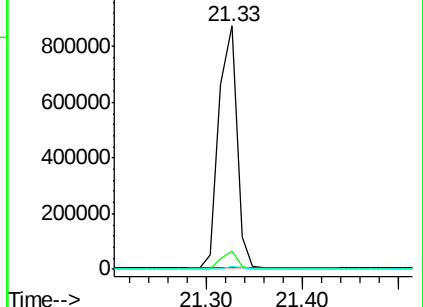
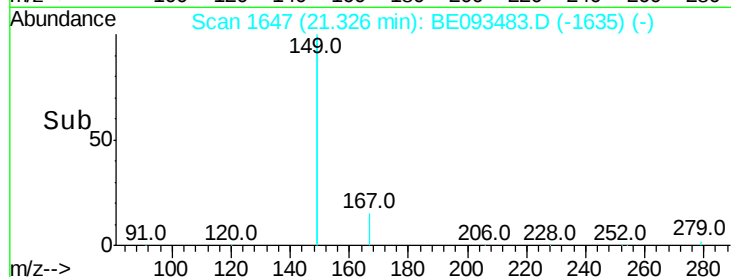
279 0.9 2.2 3.4#



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: BE093483.D

Acq: 19 Jul 2017 14:05

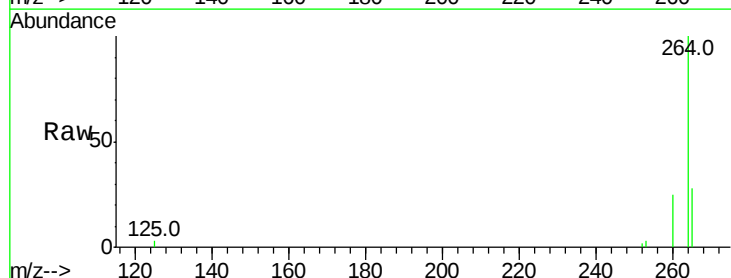
Tgt Ion:264 Resp: 31806

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	27.8	24.6	36.8

264 100

260 24.7 21.0 31.4

265 27.8 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

