

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093487.D
 Acq On : 19 Jul 2017 16:34
 Operator : SJ/JU
 Sample : I4199-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:02:33 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

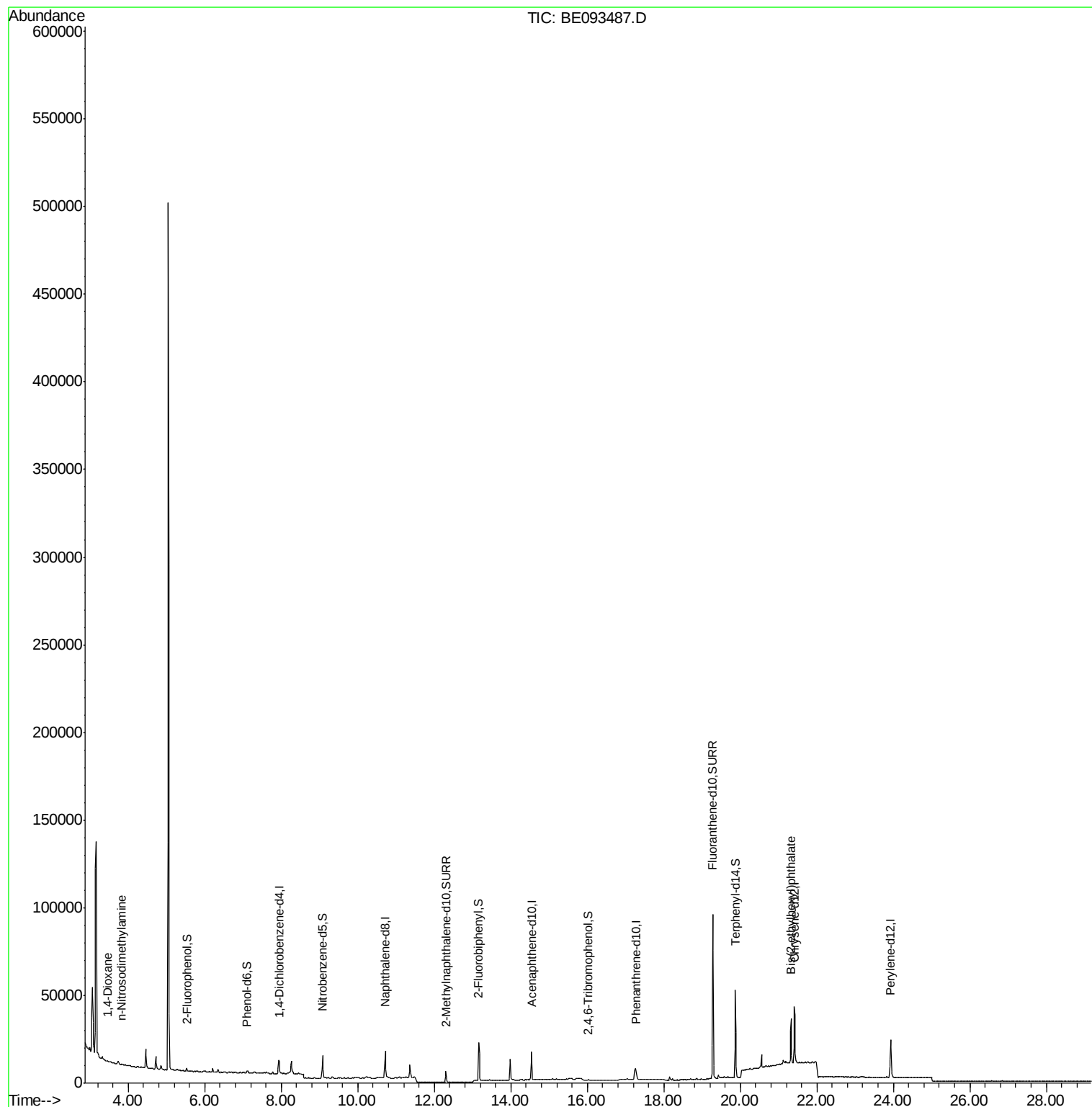
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	3858	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	17755	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	9797	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	16863	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35534	0.40	ng	-0.01
34) Perylene-d12	23.93	264	32177	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	939	0.08	ng	0.00
5) Phenol-d6	7.10	99	875	0.05	ng	0.00
8) Nitrobenzene-d5	9.08	82	5223	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8468	0.30	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	481	0.16	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	21538	0.57	ng	-0.01
25) Fluoranthene-d10	19.28	212	120458	0.59	ng	0.00
29) Terphenyl-d14	19.87	244	42891	0.68	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.46	88	215	0.026	ng	Qvalue # 20
3) n-Nitrosodimethylamine	3.82	42	34	0.131	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.33	149	31664	0.229	ng	# 67

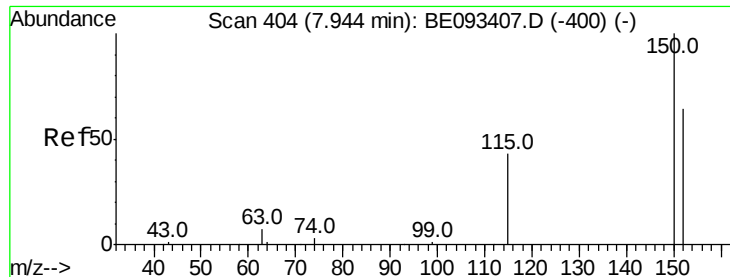
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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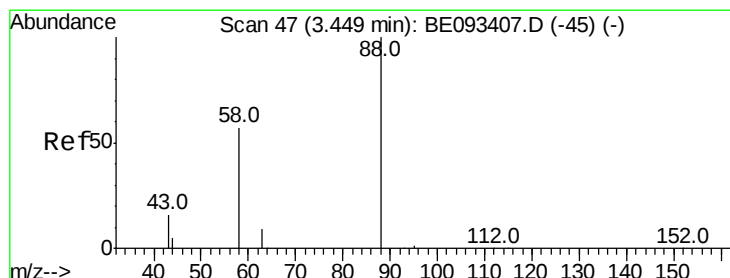
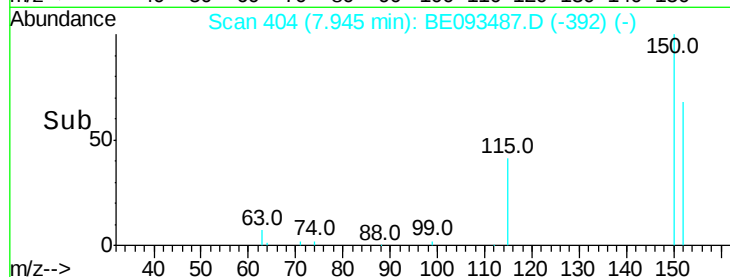
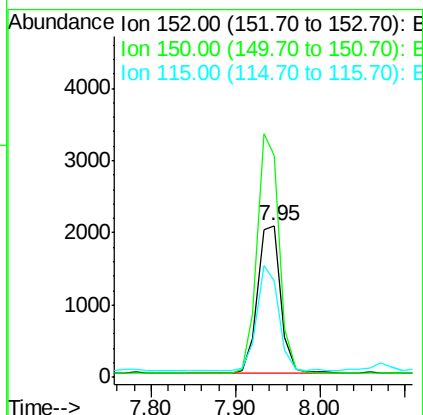
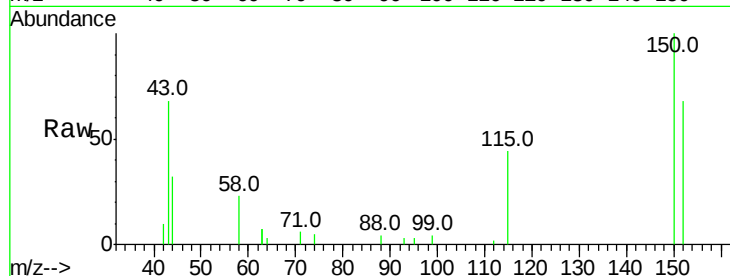


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BE093487.D
 Acq: 19 Jul 2017 16:34

Instrument :
 BNA_E
 ClientSampled :

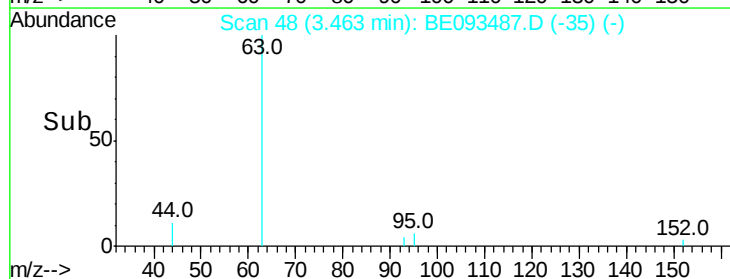
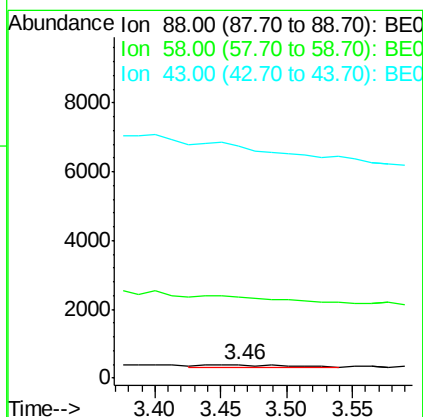
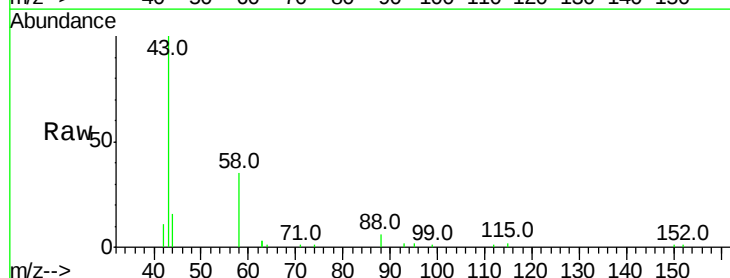
Tot Ion:152 Resp: 3858
 Ion Ratio Lower Upper
 152 100
 150 146.2 125.1 187.7
 115 63.6 55.7 83.5



#2

1,4-Dioxane
 Concen: 0.026 ng
 RT: 3.46 min Scan# 48
 Delta R.T. 0.01 min
 Lab File: BE093487.D
 Acq: 19 Jul 2017 16:34

Tgt Ion: 88 Resp: 215
 Ion Ratio Lower Upper
 88 100
 58 0.0 62.2 93.4#
 43 0.0 23.2 34.8#



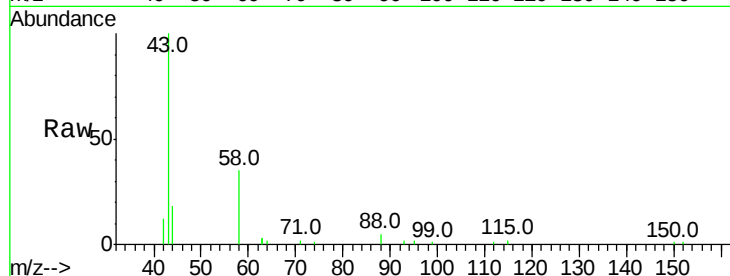


#3

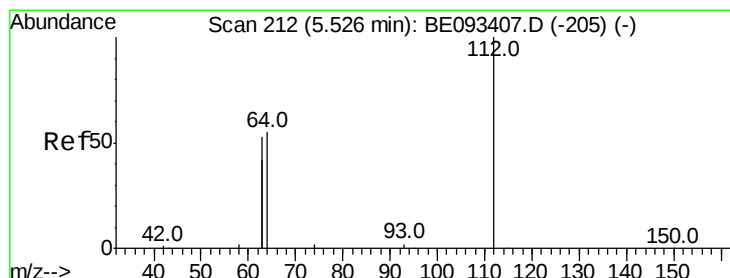
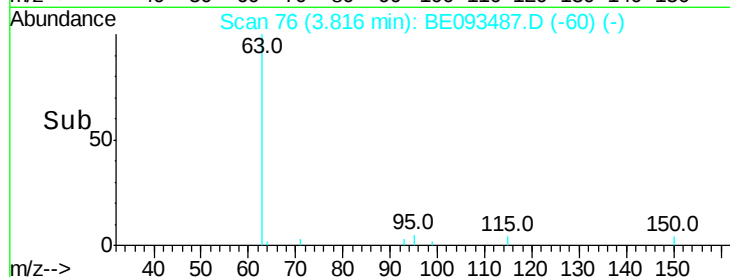
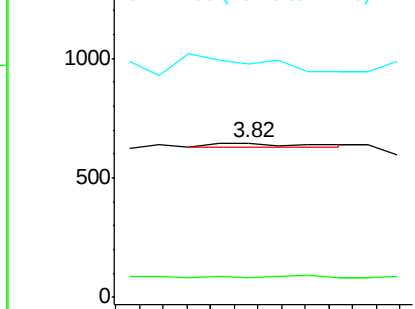
n-Nitrosodimethylamine
 Concen: 0.131 ng
 RT: 3.82 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BE093487.D
 Acq: 19 Jul 2017 16:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 34
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 0.0 7.4 11.2#



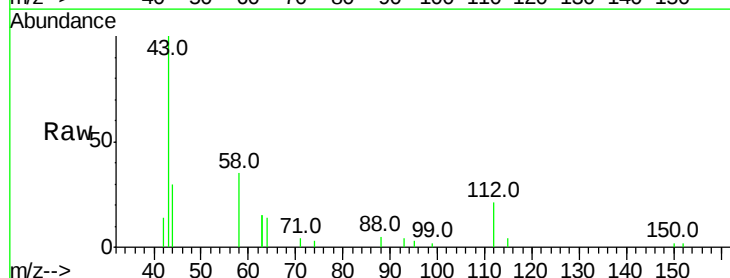
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



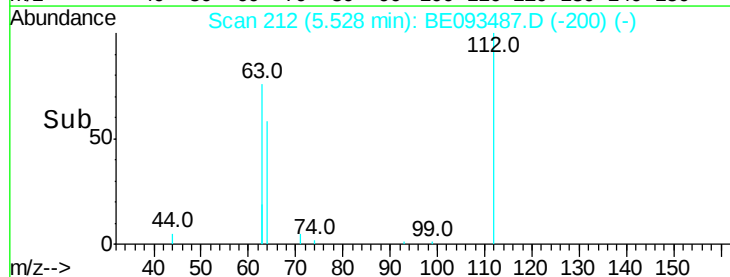
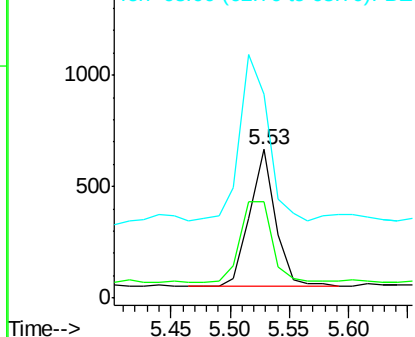
#4

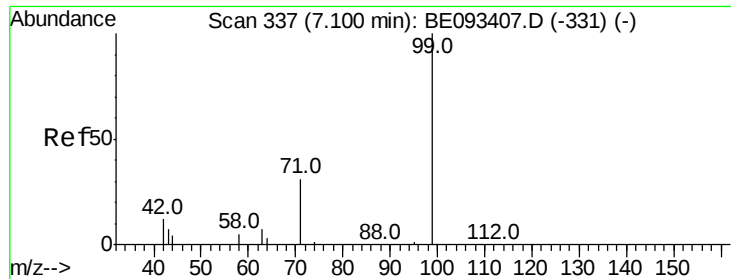
2-Fluorophenol
 Concen: 0.081 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093487.D
 Acq: 19 Jul 2017 16:34

Tgt Ion: 112 Resp: 939
 Ion Ratio Lower Upper
 112 100
 64 72.9 56.4 84.6
 63 134.8 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: 0.051 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

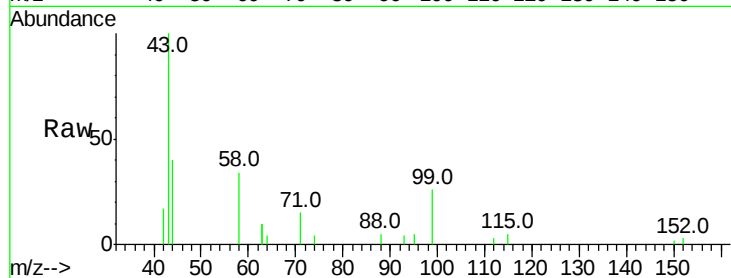
Tot Ion: 99 Resp: 875

Ion Ratio Lower Upper

99 100

42 42.2 0.0 0.0#

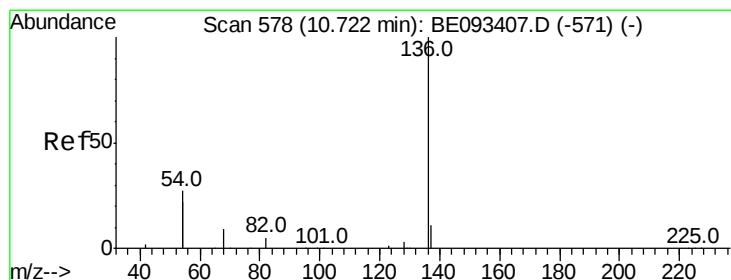
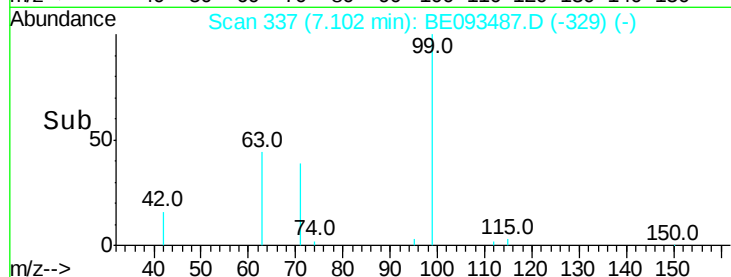
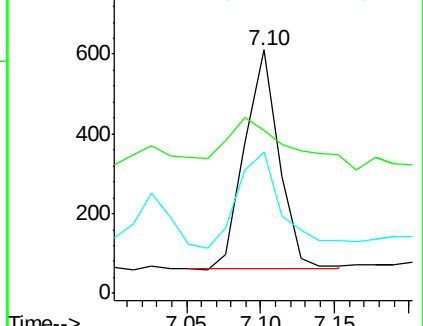
71 56.8 0.0 0.0#



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: BE093487.D

Acq: 19 Jul 2017 16:34

Tgt Ion: 136 Resp: 17755

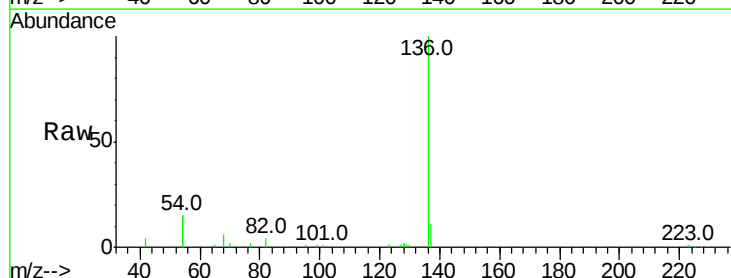
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.8

54 29.5 10.3 15.5#

68 6.3 9.0 13.4#

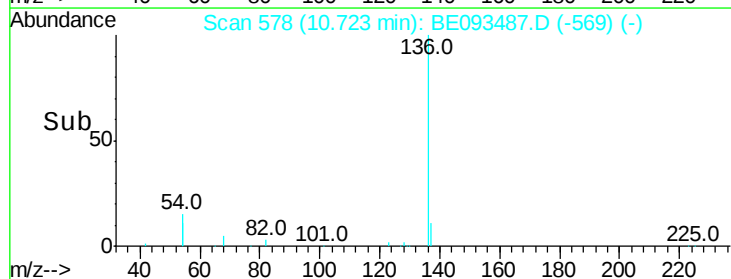
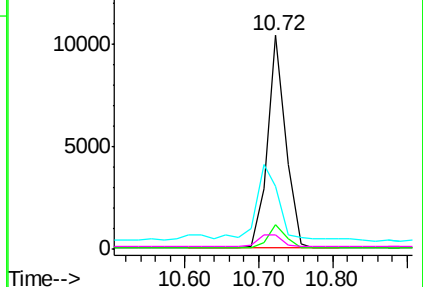


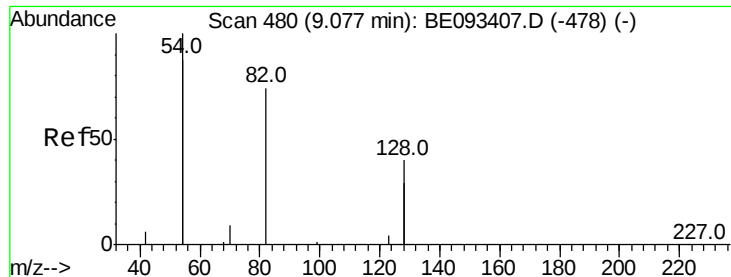
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.461 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

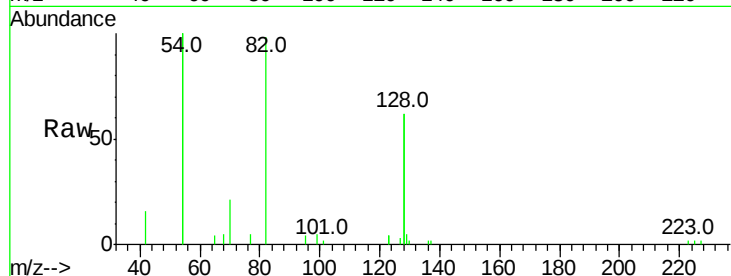
Tot Ion: 82 Resp: 5223

Ion Ratio Lower Upper

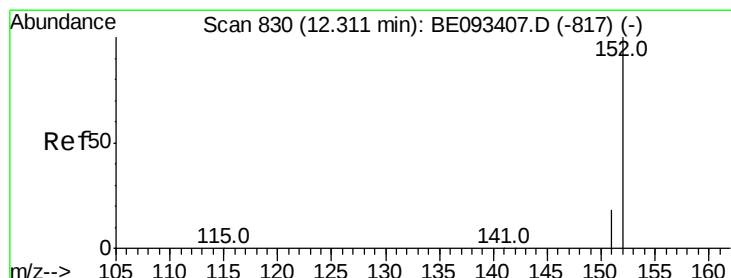
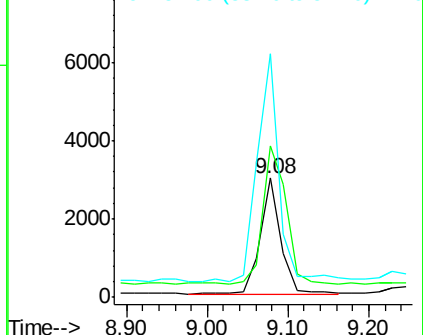
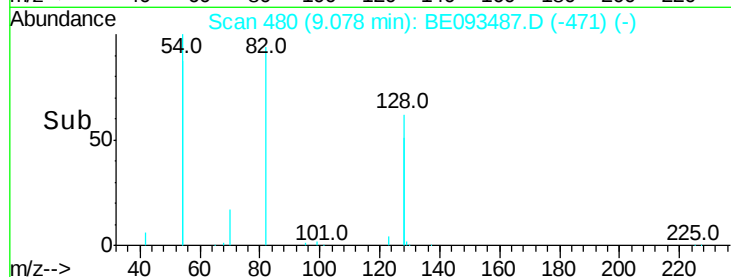
82 100

128 127.4 17.0 25.4#

54 204.7 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093487.D (-471) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.299 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093487.D

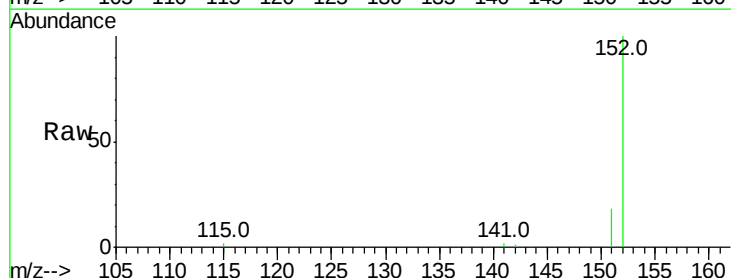
Acq: 19 Jul 2017 16:34

Tgt Ion: 152 Resp: 8468

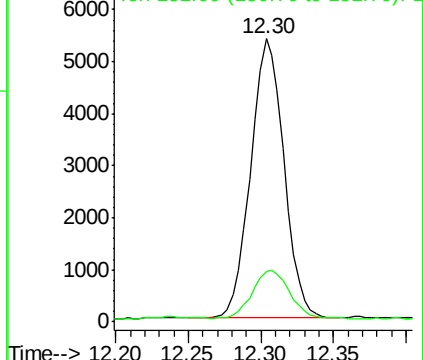
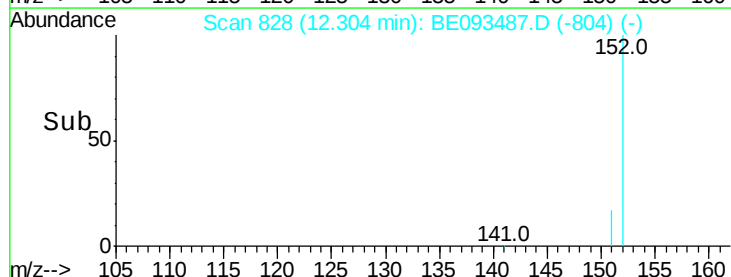
Ion Ratio Lower Upper

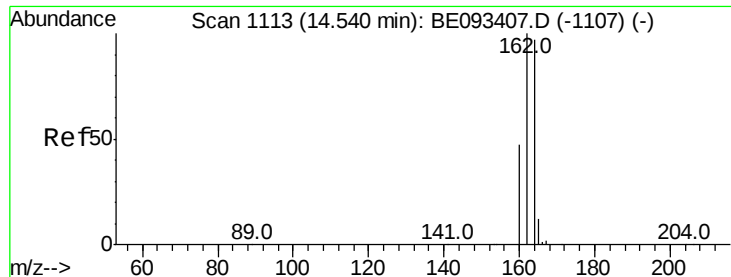
152 100

151 19.4 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093487.D (-804) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

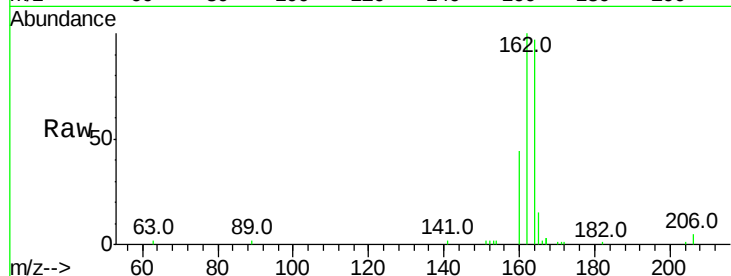
Tot Ion:164 Resp: 9797

Ion Ratio Lower Upper

164 100

162 103.2 84.6 127.0

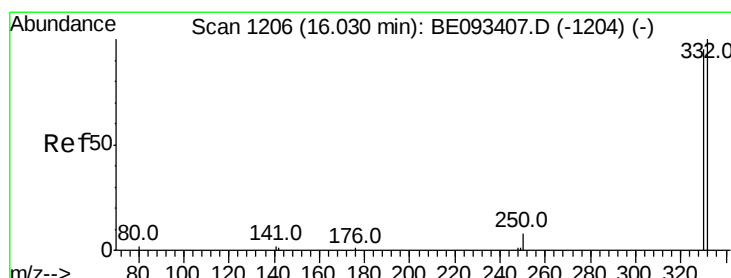
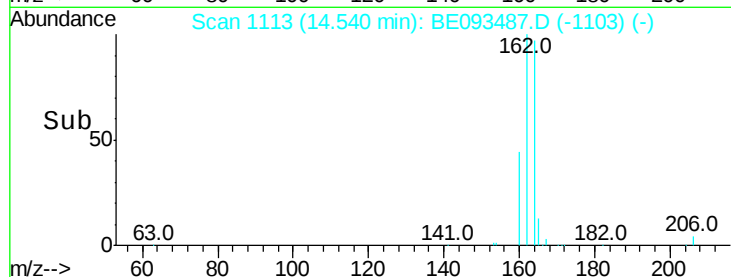
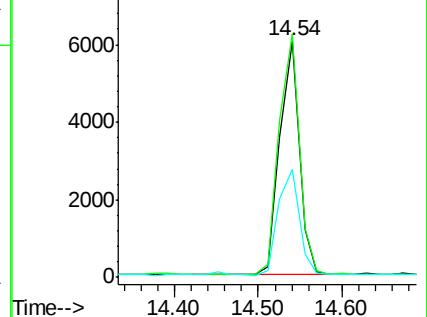
160 45.6 41.8 62.6



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: 0.156 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

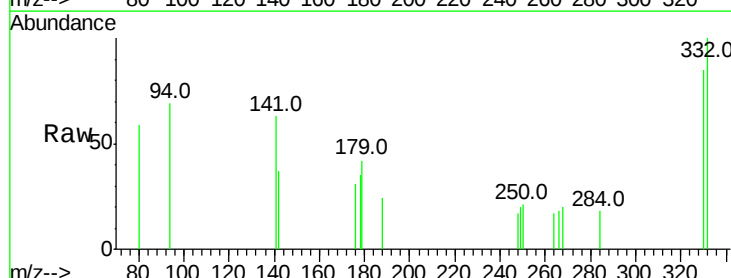
Tgt Ion:330 Resp: 481

Ion Ratio Lower Upper

330 100

332 112.7 77.7 116.5

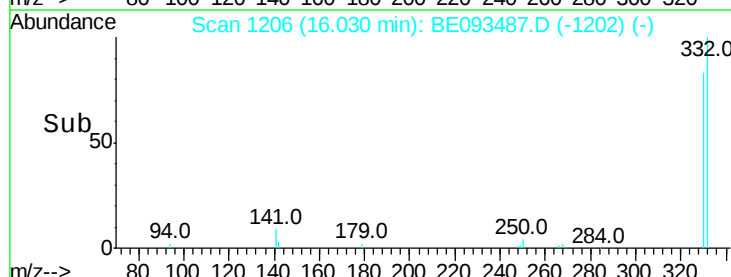
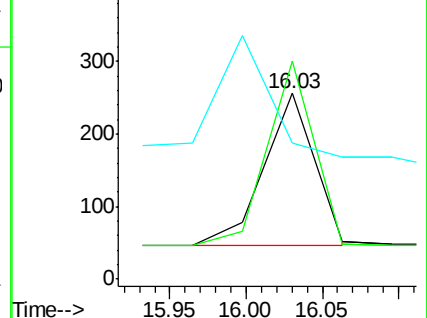
141 0.0 56.2 84.4#

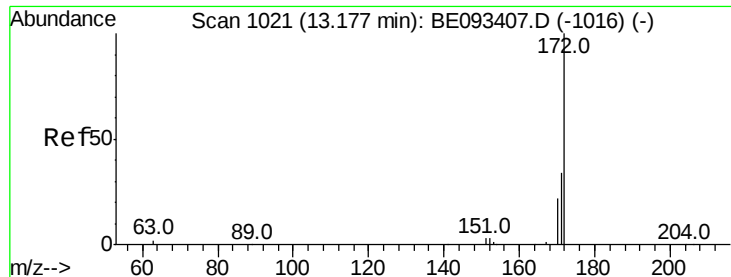


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

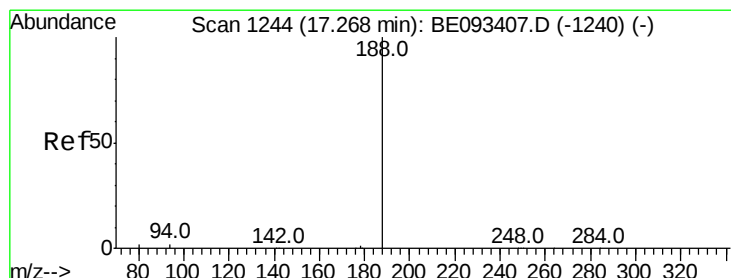
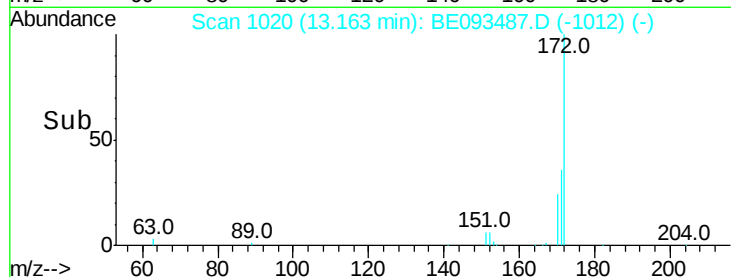
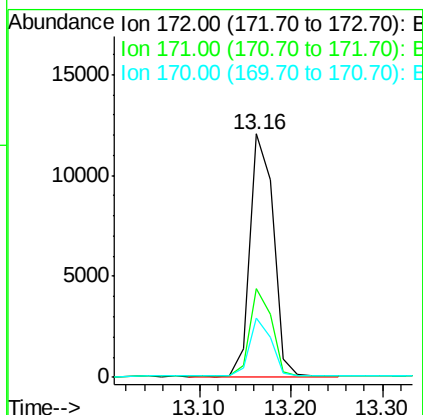
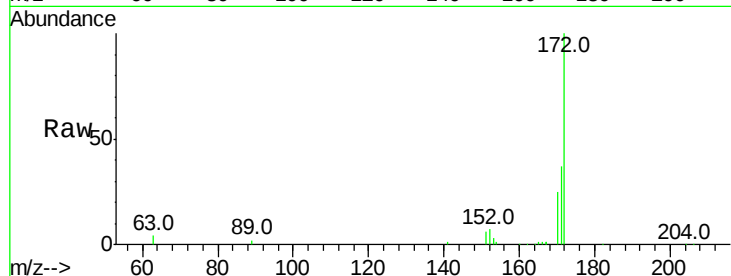




#15
2-Fluorobiphenyl
Concen: 0.566 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093487.D
Acq: 19 Jul 2017 16:34

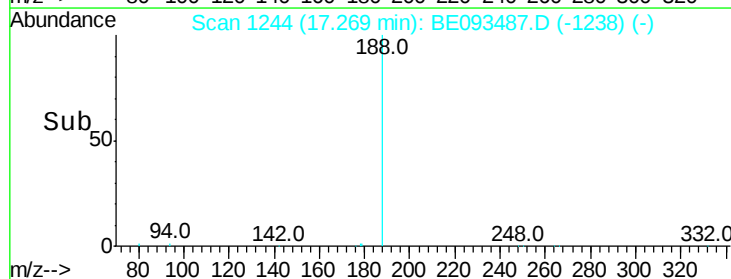
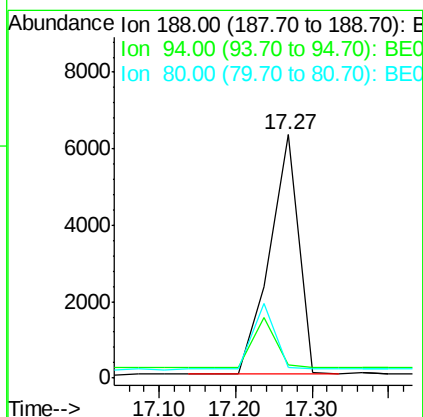
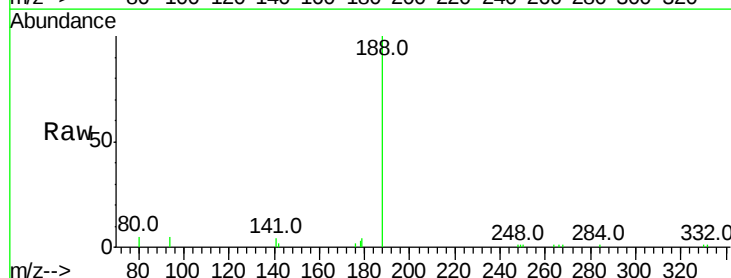
Instrument :
BNA_E
ClientSampleId :

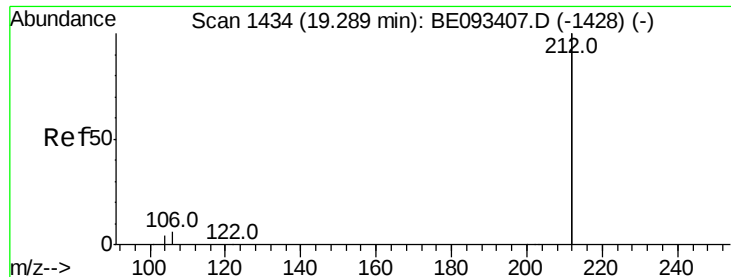
Tot Ion:172 Resp: 21538
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.6 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093487.D
Acq: 19 Jul 2017 16:34

Tgt Ion:188 Resp: 16863
Ion Ratio Lower Upper
188 100
94 5.2 11.3 16.9#
80 4.5 11.7 17.5#





#25

Fluoranthene-d10

Concen: 0.592 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

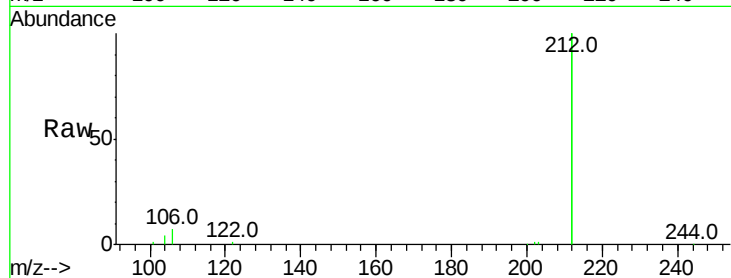
Tot Ion:212 Resp: 120458

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

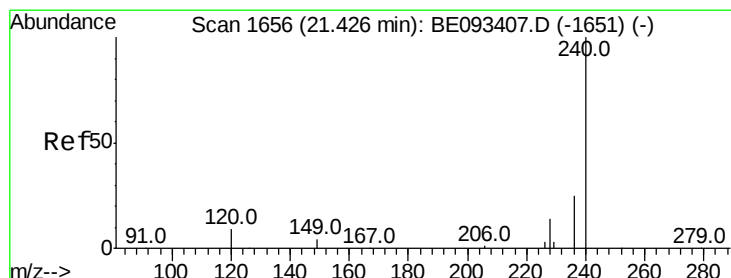
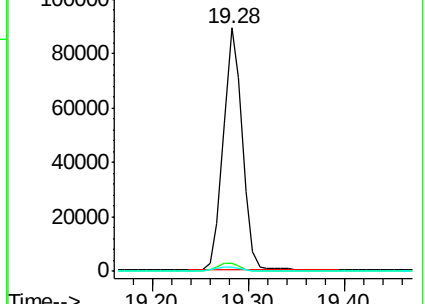
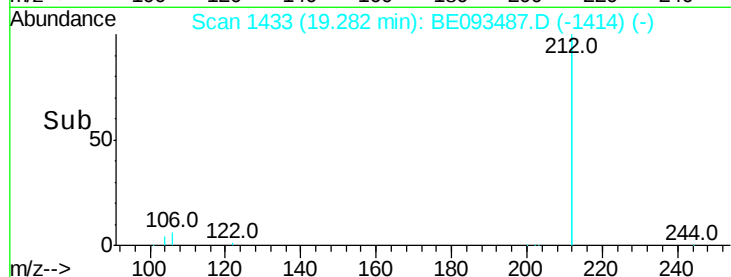
104 2.0 1.6 2.4



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: BE093487.D

Acq: 19 Jul 2017 16:34

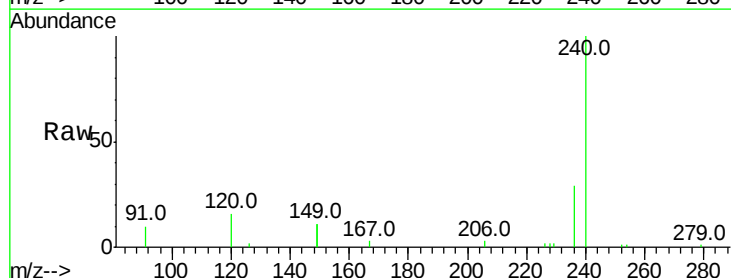
Tgt Ion:240 Resp: 35534

Ion Ratio Lower Upper

240 100

120 15.5 4.6 7.0#

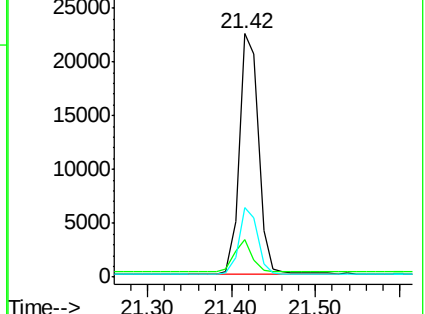
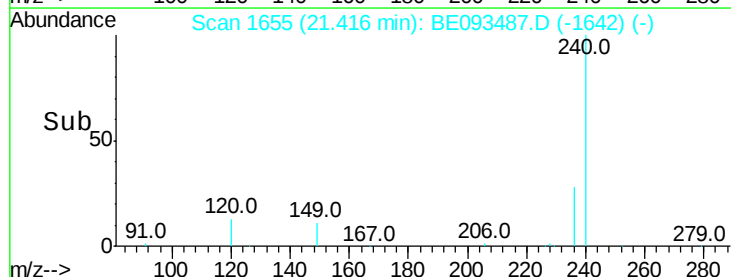
236 28.6 20.8 31.2

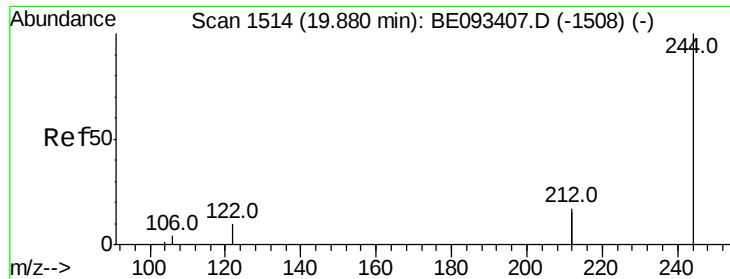


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.676 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

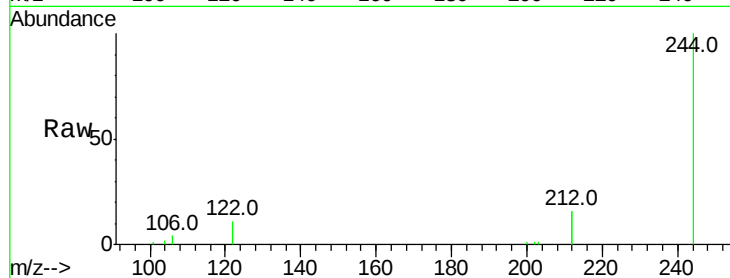
Tot Ion:244 Resp: 42891

Ion Ratio Lower Upper

244 100

212 32.8 10.6 16.0#

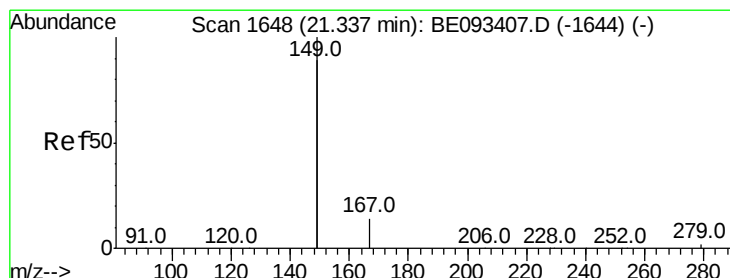
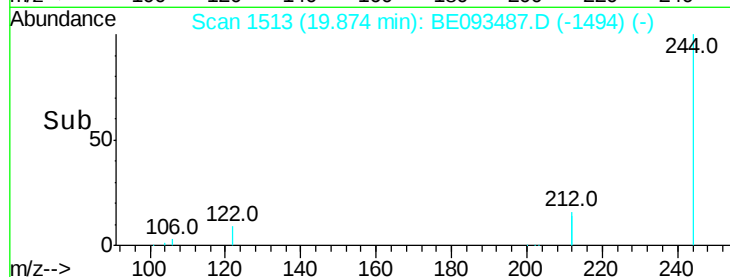
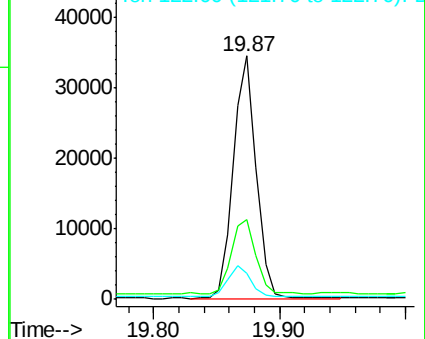
122 10.6 15.4 23.0#



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: 0.229 ng

RT: 21.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE093487.D

Acq: 19 Jul 2017 16:34

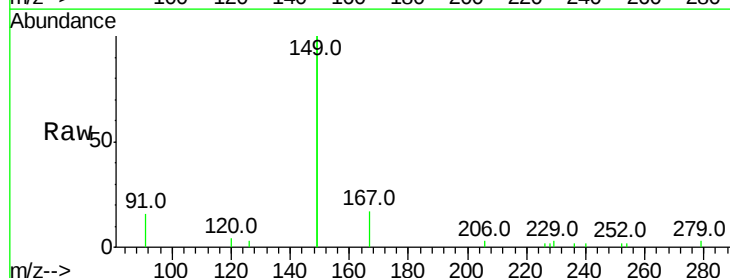
Tgt Ion:149 Resp: 31664

Ion Ratio Lower Upper

149 100

167 6.8 20.1 30.1#

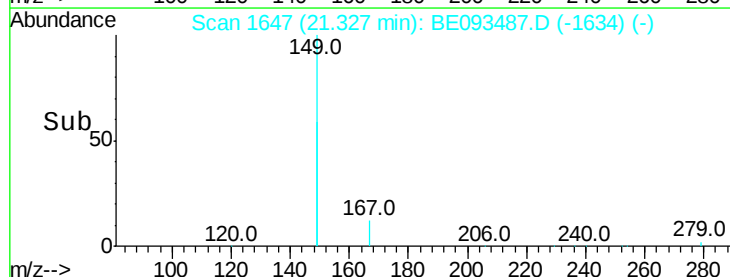
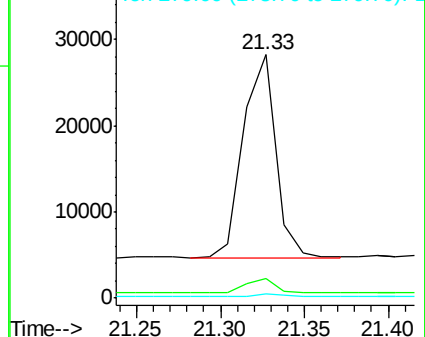
279 1.1 2.2 3.4#

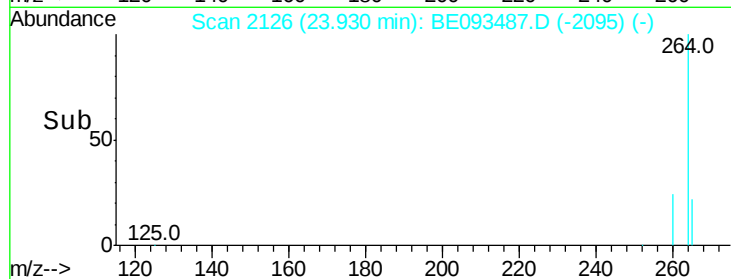
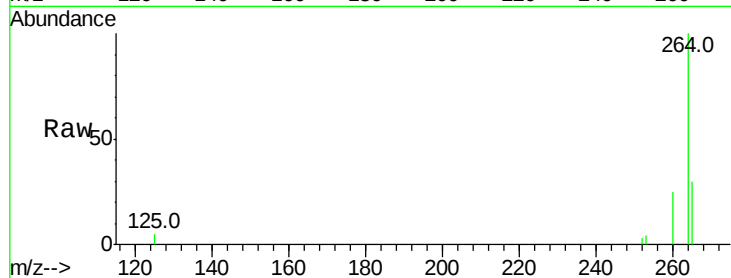
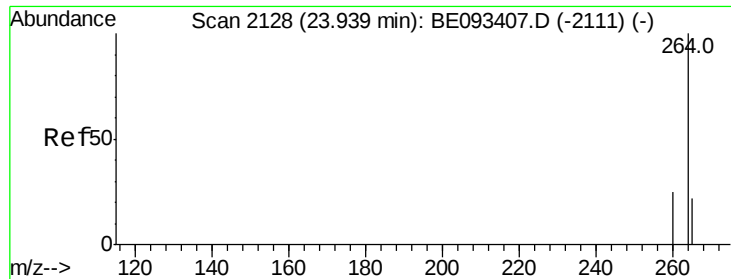


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE093487.D

Acq: 19 Jul 2017 16:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 32177

Ion Ratio Lower Upper

264 100

260 24.5 21.0 31.4

265 30.0 24.6 36.8

