

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093490.D
 Acq On : 19 Jul 2017 18:27
 Operator : SJ/JU
 Sample : I4199-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:03:10 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

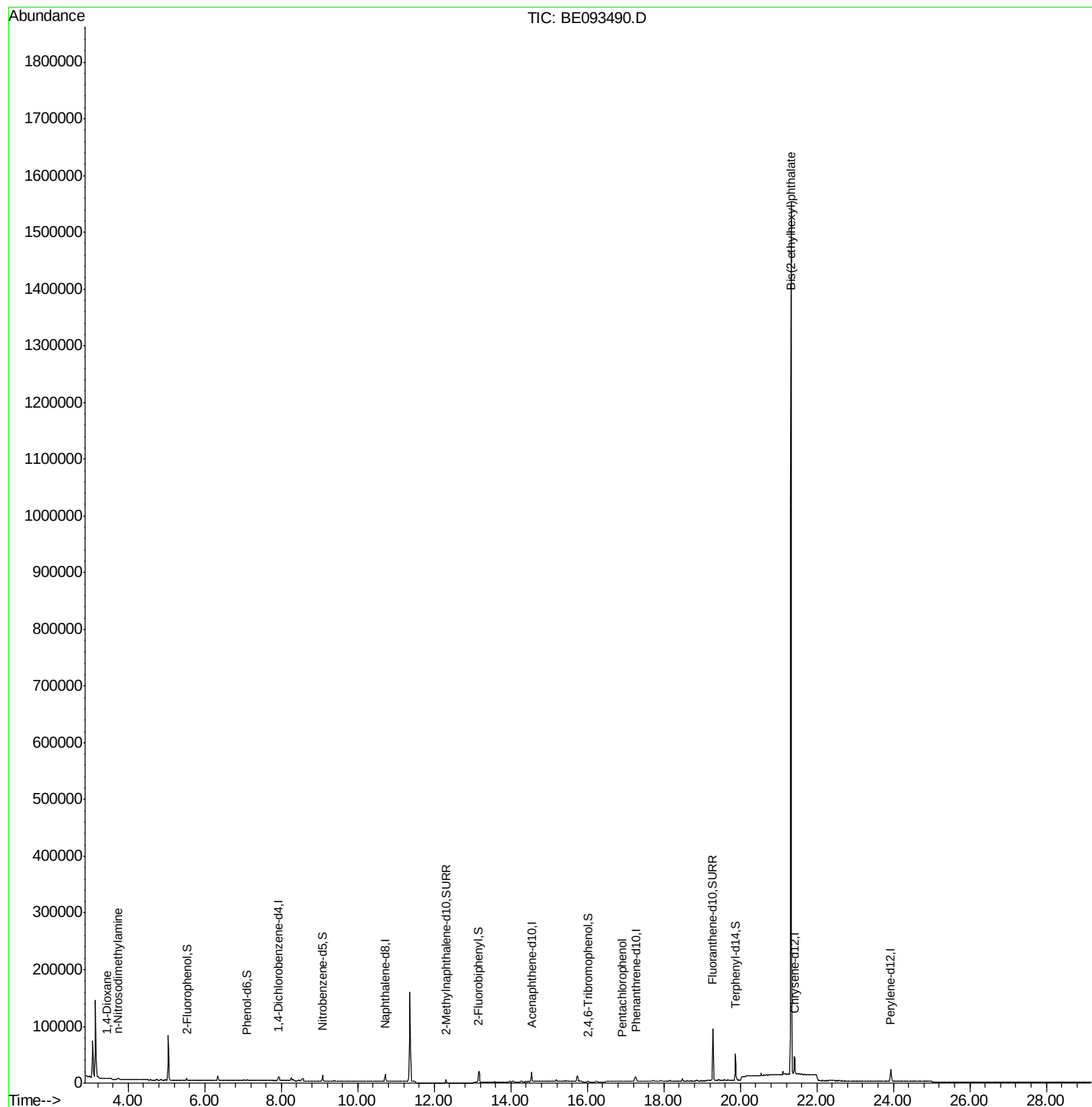
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2981	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	15609	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	10464	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	19365	0.40	ng	0.00
27) Chrysene-d12	21.43	240	35953	0.40	ng	0.00
34) Perylene-d12	23.93	264	31293	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1555	0.17	ng	0.00
5) Phenol-d6	7.10	99	1589	0.12	ng	0.00
8) Nitrobenzene-d5	9.08	82	4326	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	7986	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1432	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	20700	0.51	ng	-0.01
25) Fluoranthene-d10	19.28	212	123935	0.53	ng	0.00
29) Terphenyl-d14	19.87	244	38103	0.59	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	325	0.052	ng	# 15
3) n-Nitrosodimethylamine	3.73	42	559	0.246	ng	# 1
22) Pentachlorophenol	16.91	266	567	0.379	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.33	149	1781008	12.741	ng	# 67

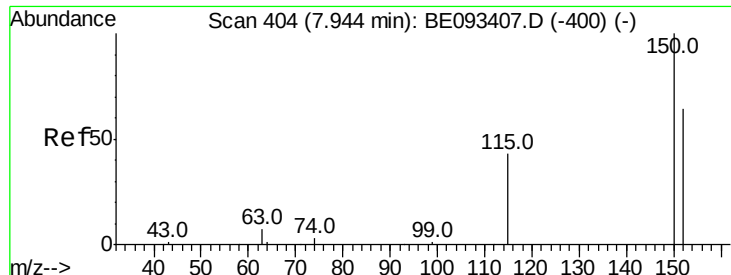
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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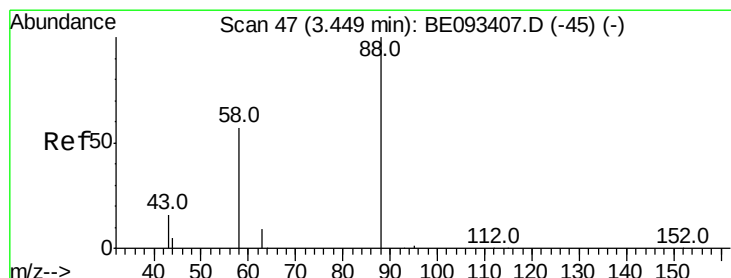
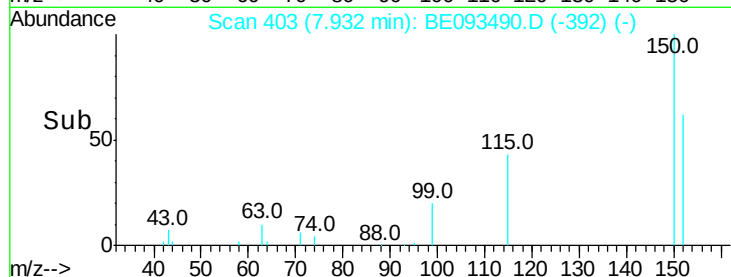
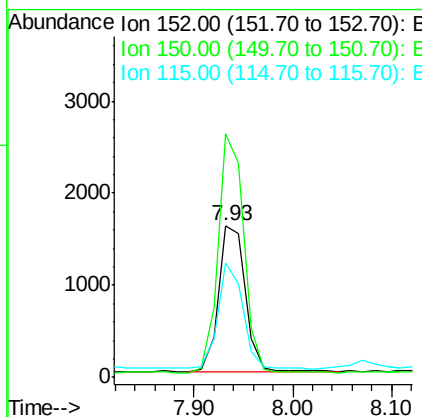
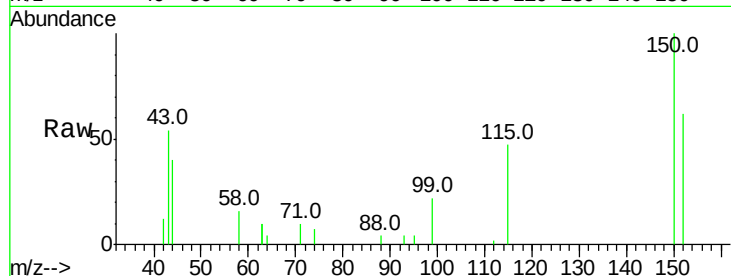




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.93 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

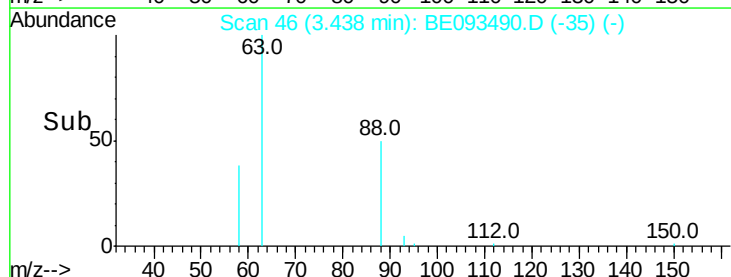
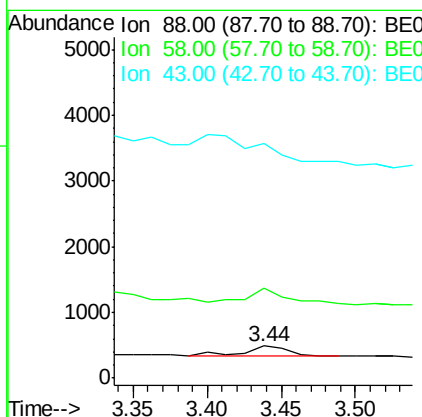
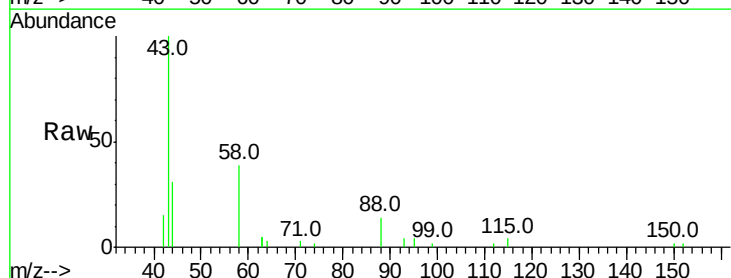
Instrument :
 BNA_E
 ClientSampleId :

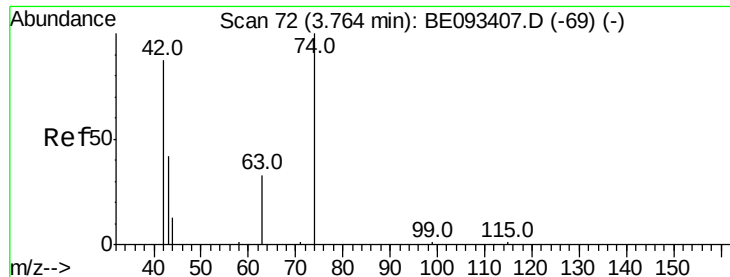
Tot Ion:152 Resp: 2981
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.1 187.7
 115 74.8 55.7 83.5



#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.44 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

Tgt Ion: 88 Resp: 325
 Ion Ratio Lower Upper
 88 100
 58 161.2 62.2 93.4#
 43 0.0 23.2 34.8#



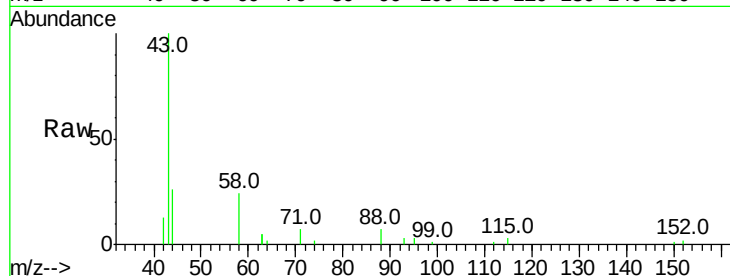


#3

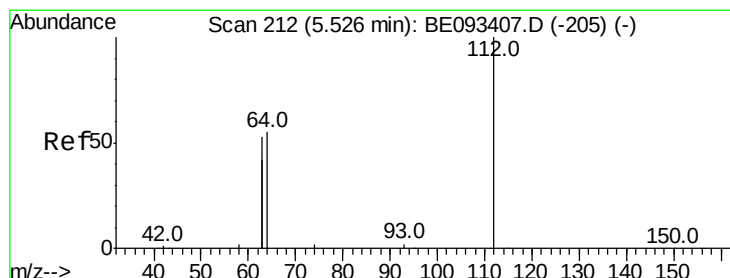
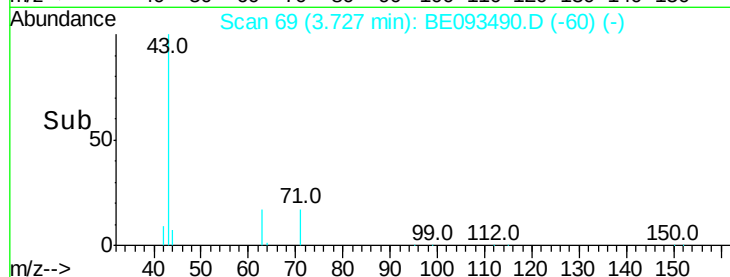
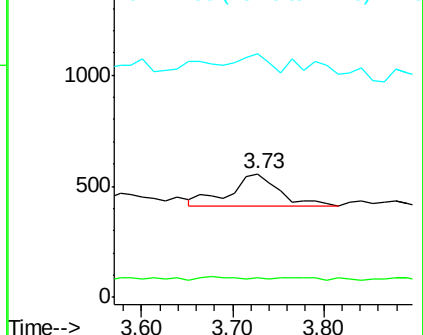
n-Nitrosodimethylamine
 Concen: 0.246 ng
 RT: 3.73 min Scan# 69
 Delta R.T. -0.04 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 559
 Ion Ratio Lower Upper
 42 100
 74 0.0 99.1 148.7#
 44 37.9 7.4 11.2#



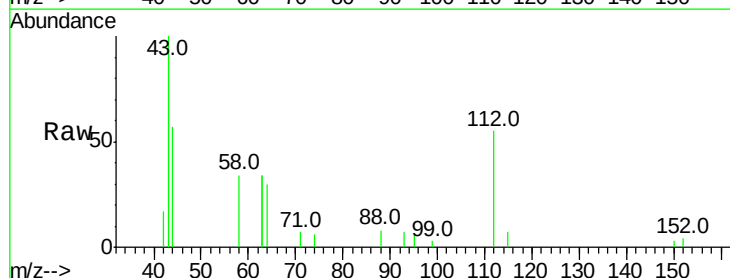
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



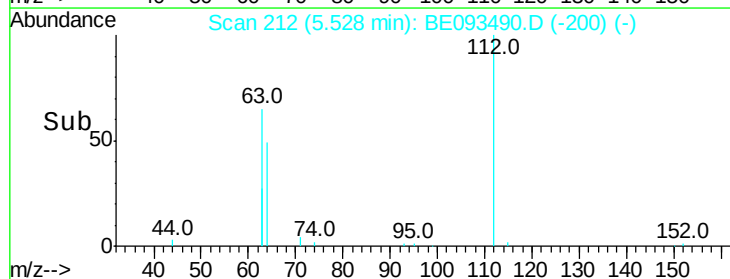
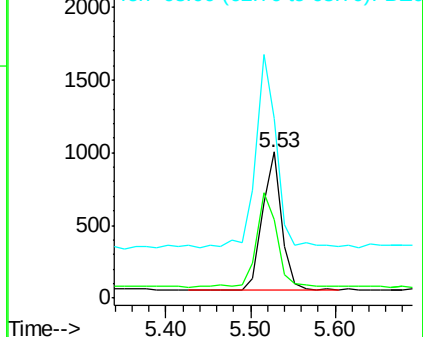
#4

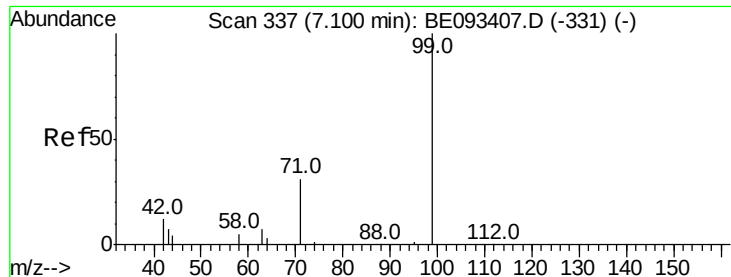
2-Fluorophenol
 Concen: 0.173 ng
 RT: 5.53 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

Tgt Ion: 112 Resp: 1555
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.4 84.6
 63 146.3 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: 0.120 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

Instrument :

BNA_E

ClientSampleId :

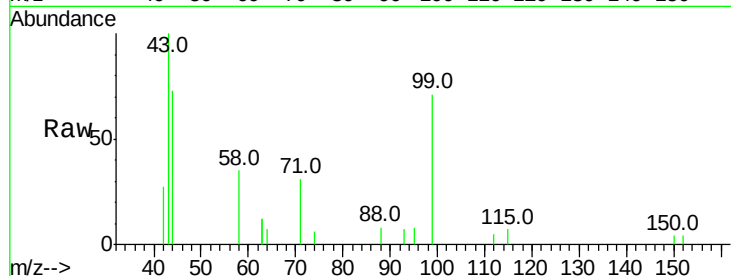
Tot Ion: 99 Resp: 1589

Ion Ratio Lower Upper

99 100

42 18.7 0.0 0.0#

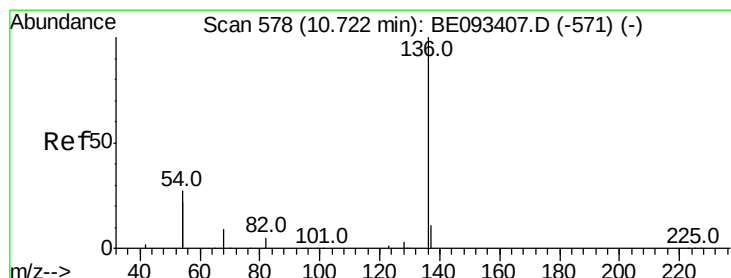
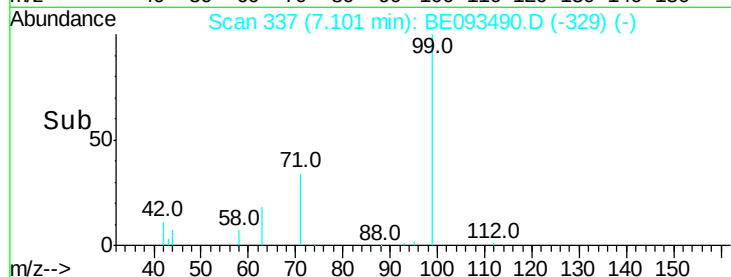
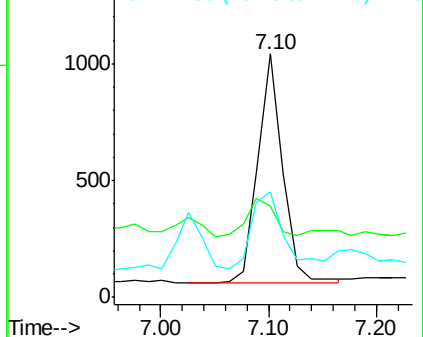
71 43.4 0.0 0.0#



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: BE093490.D

Acq: 19 Jul 2017 18:27

Tgt Ion: 136 Resp: 15609

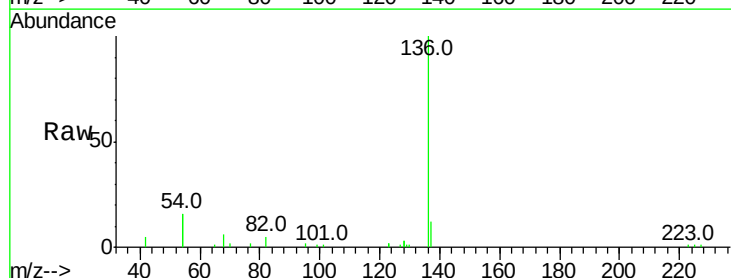
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 31.2 10.3 15.5#

68 6.4 9.0 13.4#

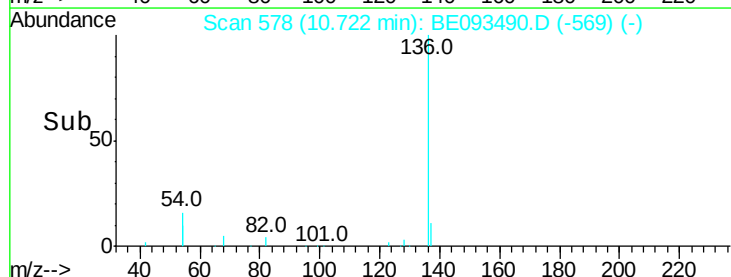
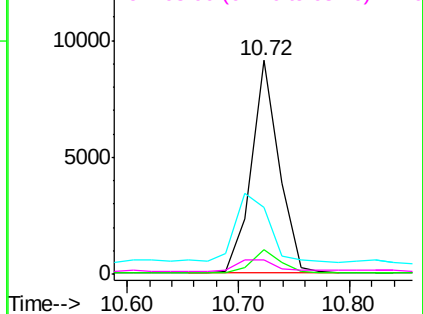


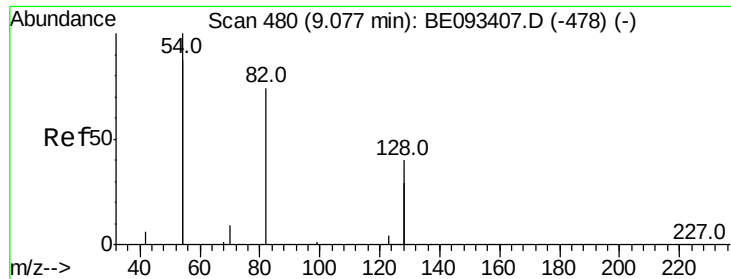
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

Instrument :

BNA_E

ClientSampleId :

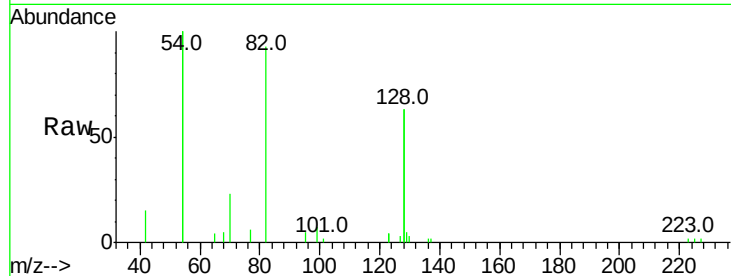
Tot Ion: 82 Resp: 4326

Ion Ratio Lower Upper

82 100

128 134.2 17.0 25.4#

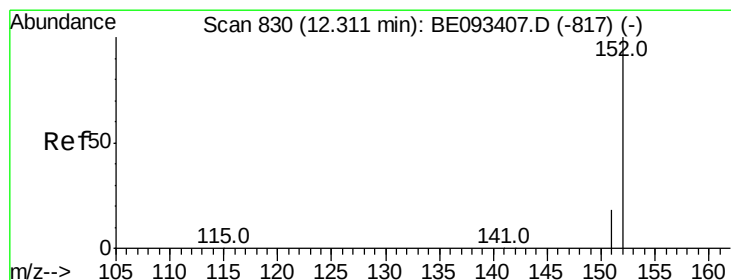
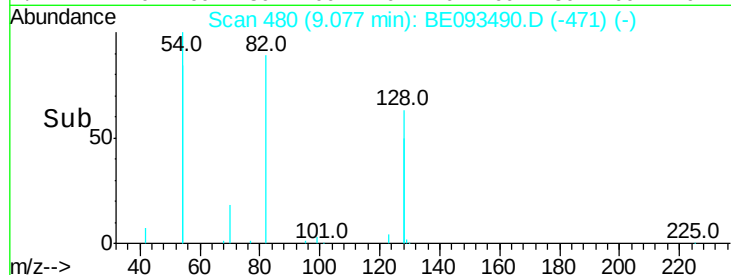
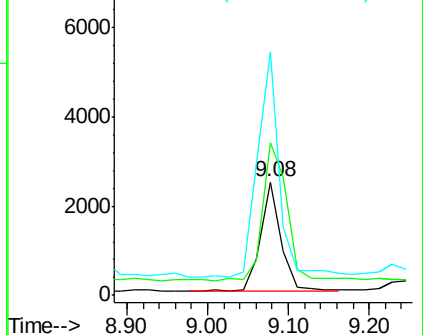
54 214.6 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093490.D (-471) (-)

Ion 128.00 (127.70 to 128.70): BE093490.D (-471) (-)

Ion 54.00 (53.70 to 54.70): BE093490.D (-471) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.30 min Scan# 828

Delta R.T. -0.01 min

Lab File: BE093490.D

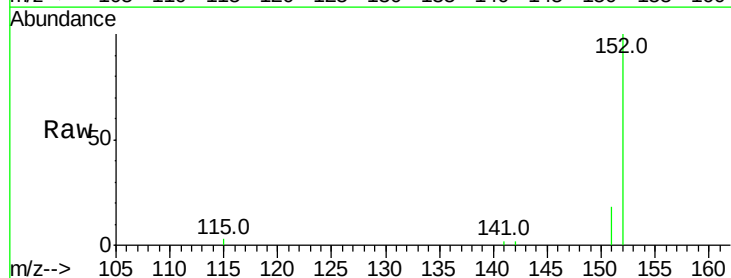
Acq: 19 Jul 2017 18:27

Tgt Ion: 152 Resp: 7986

Ion Ratio Lower Upper

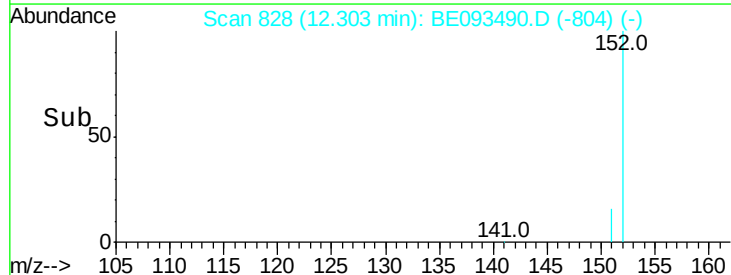
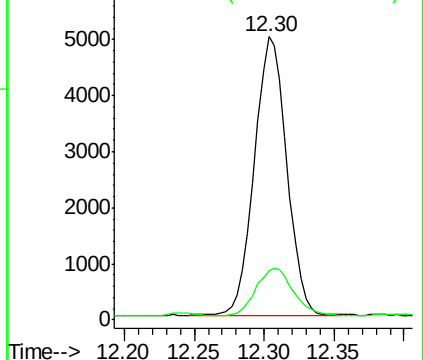
152 100

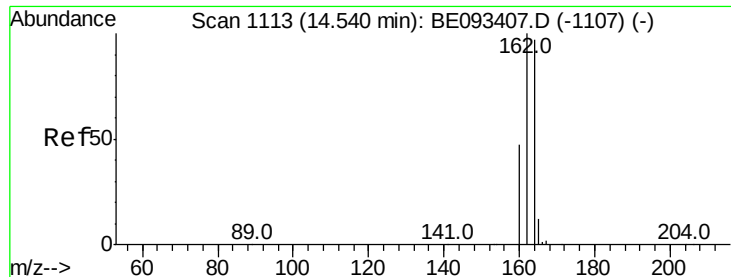
151 20.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093490.D (-804) (-)

Ion 151.00 (150.70 to 151.70): BE093490.D (-804) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

Instrument :

BNA_E

ClientSampleId :

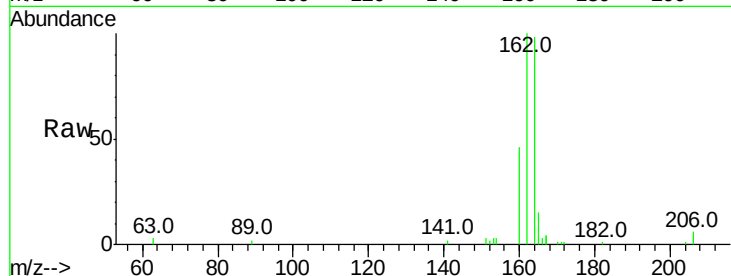
Tot Ion:164 Resp: 10464

Ion Ratio Lower Upper

164 100

162 102.3 84.6 127.0

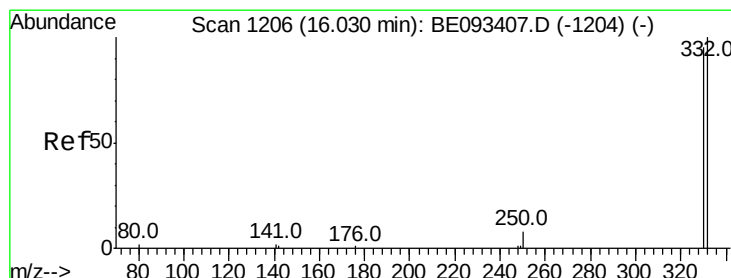
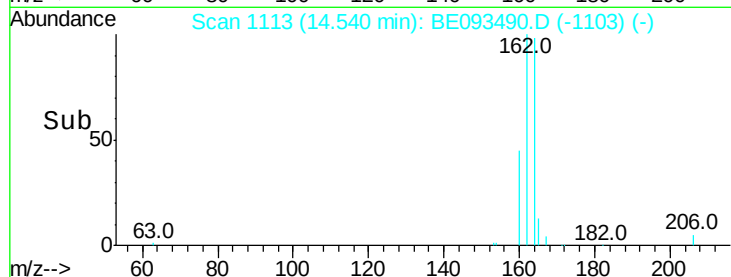
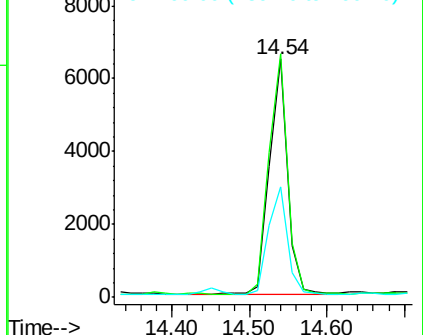
160 46.6 41.8 62.6



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: 0.435 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

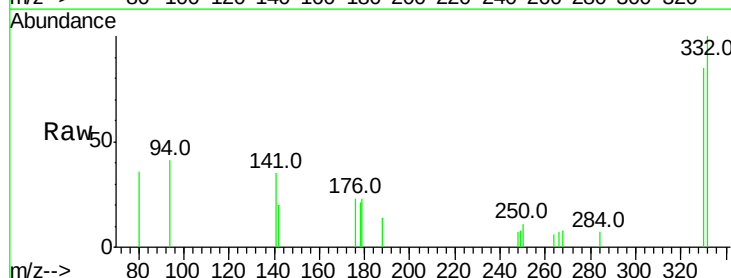
Tgt Ion:330 Resp: 1432

Ion Ratio Lower Upper

330 100

332 112.0 77.7 116.5

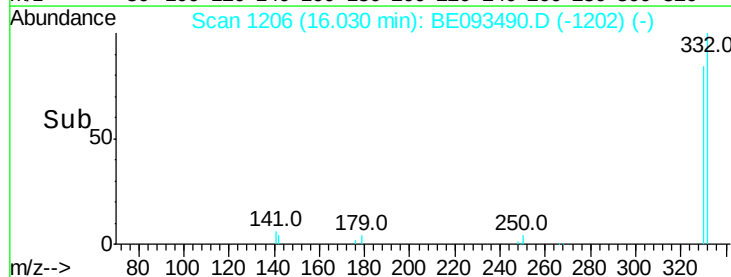
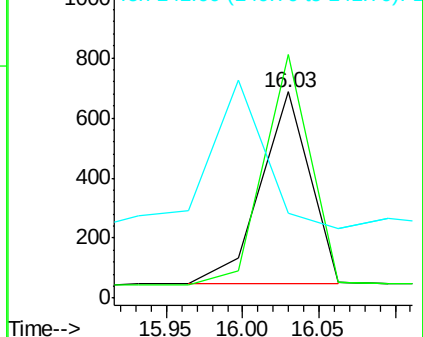
141 0.0 56.2 84.4#

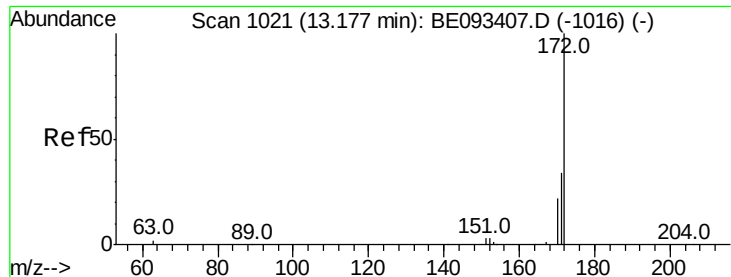


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

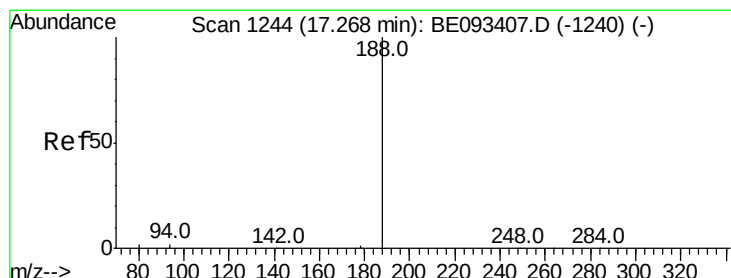
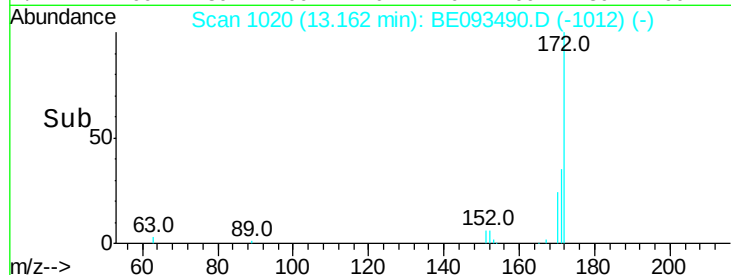
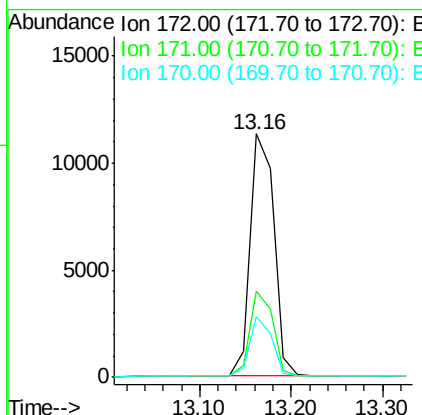
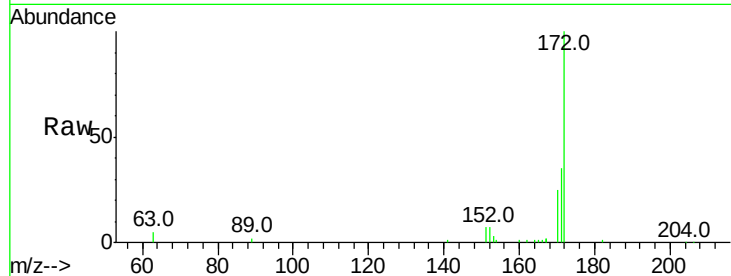




#15
2-Fluorobiphenyl
Concen: 0.510 ng
RT: 13.16 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BE093490.D
Acq: 19 Jul 2017 18:27

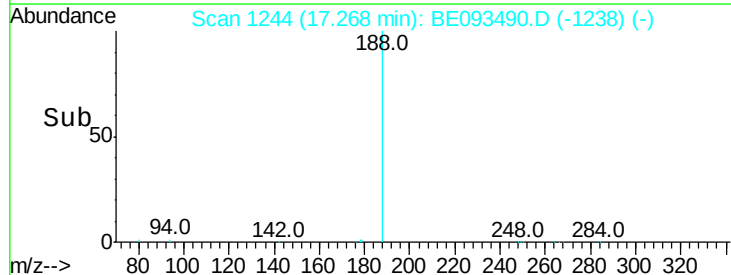
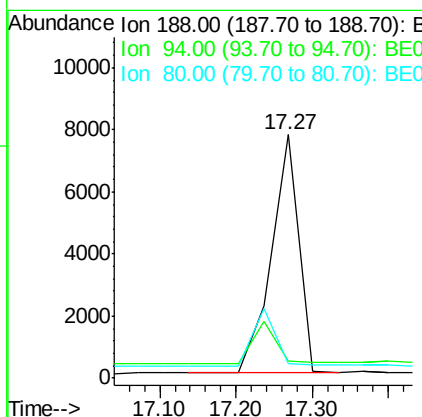
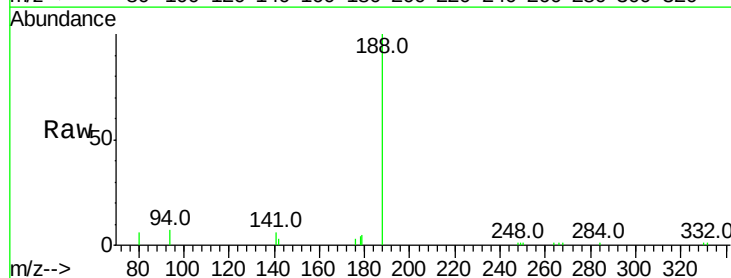
Instrument :
BNA_E
ClientSampleId :

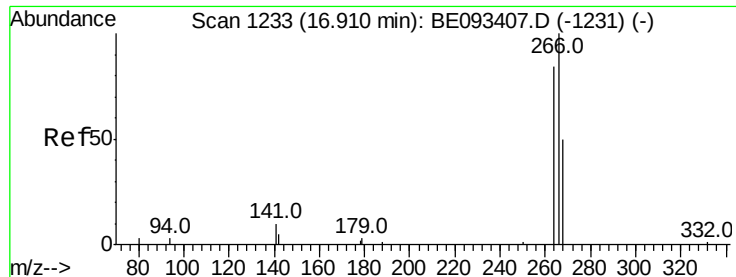
Tot Ion:172 Resp: 20700
Ion Ratio Lower Upper
172 100
171 35.4 29.8 44.6
170 24.8 20.7 31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093490.D
Acq: 19 Jul 2017 18:27

Tgt Ion:188 Resp: 19365
Ion Ratio Lower Upper
188 100
94 7.1 11.3 16.9#
80 5.9 11.7 17.5#





#22

Pentachlorophenol

Concen: 0.379 ng

RT: 16.91 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

Instrument :

BNA_E

ClientSampleId :

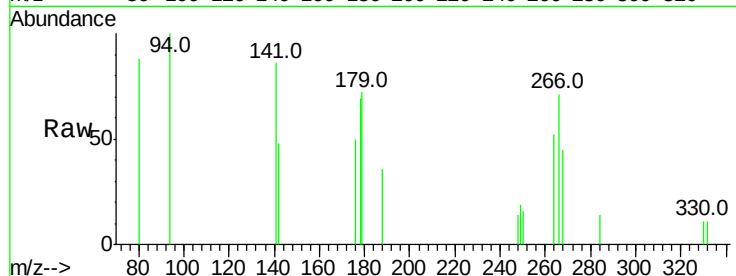
Tot Ion:266 Resp: 567

Ion Ratio Lower Upper

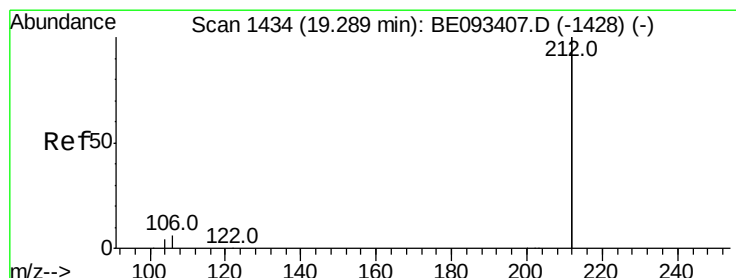
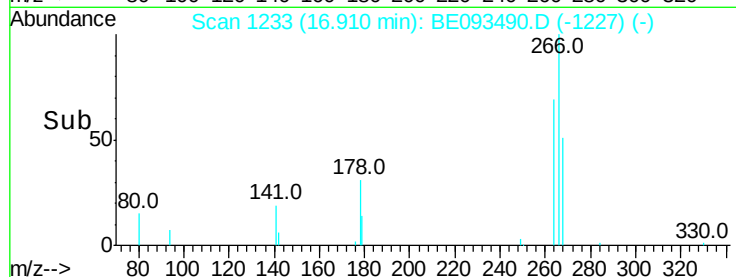
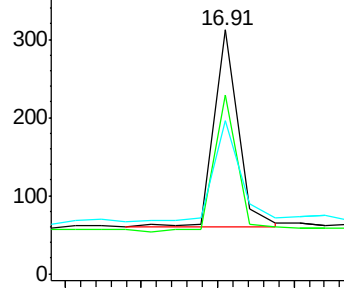
266 100

264 73.4 58.2 87.2

268 62.8 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: BE093490.D

Acq: 19 Jul 2017 18:27

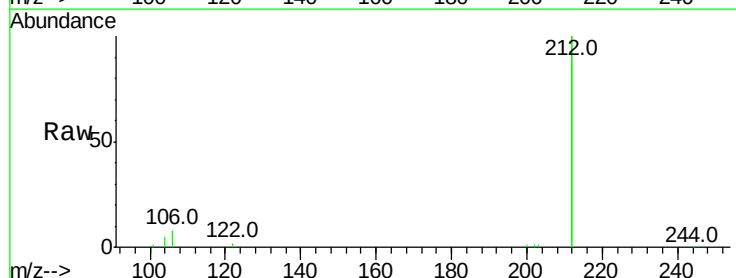
Tgt Ion:212 Resp: 123935

Ion Ratio Lower Upper

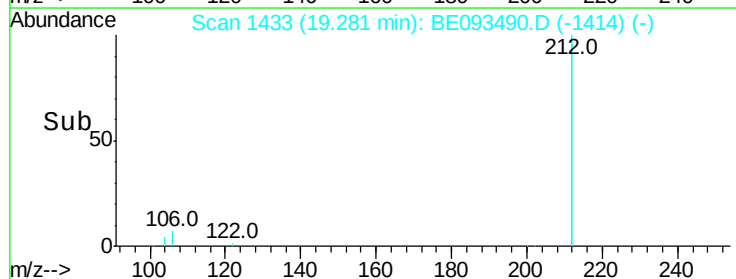
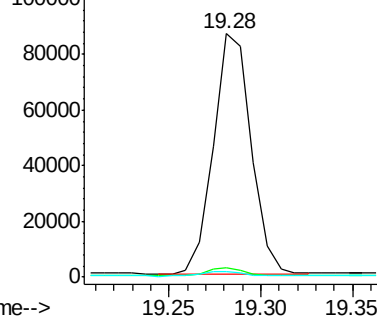
212 100

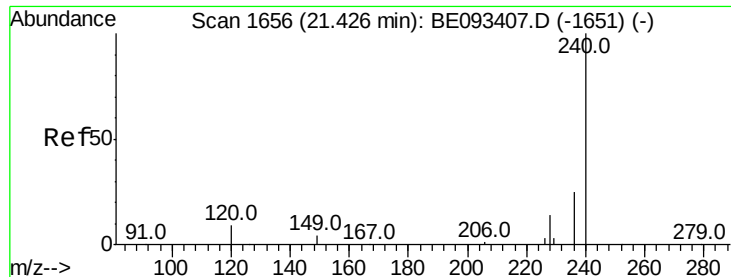
106 3.5 2.4 3.6

104 1.9 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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

Instrument :

BNA_E

ClientSampleId :

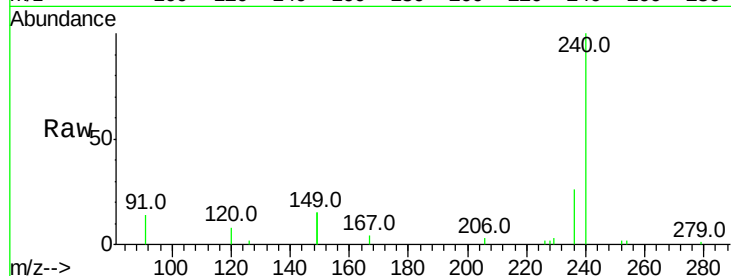
Tot Ion:240 Resp: 35953

Ion Ratio Lower Upper

240 100

120 7.6 4.6 7.0#

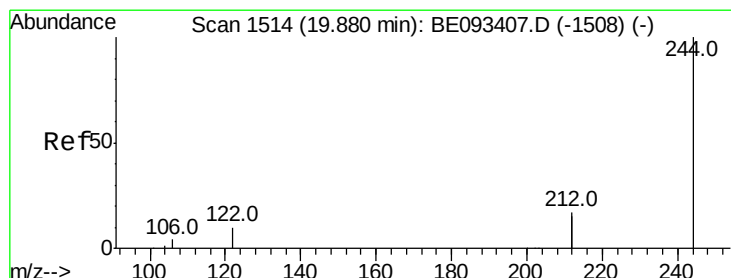
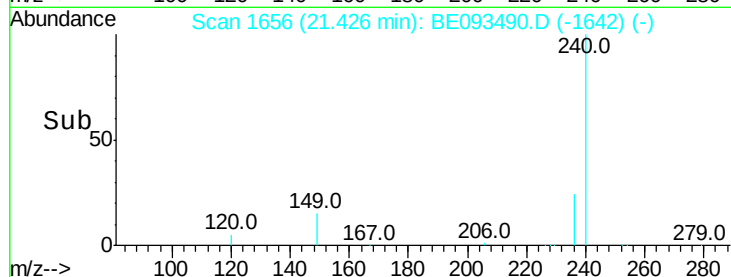
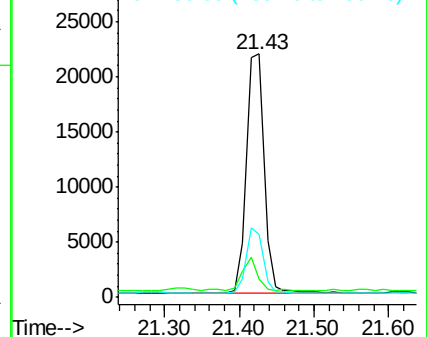
236 26.1 20.8 31.2



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: 0.594 ng

RT: 19.87 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE093490.D

Acq: 19 Jul 2017 18:27

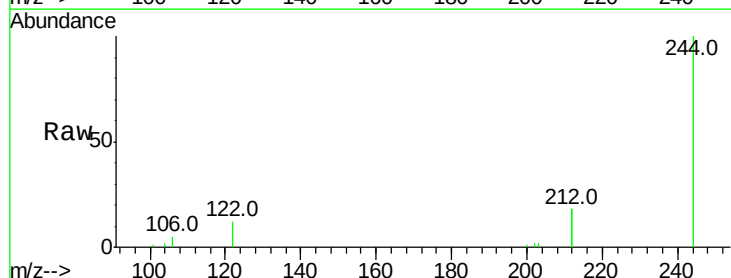
Tgt Ion:244 Resp: 38103

Ion Ratio Lower Upper

244 100

212 36.0 10.6 16.0#

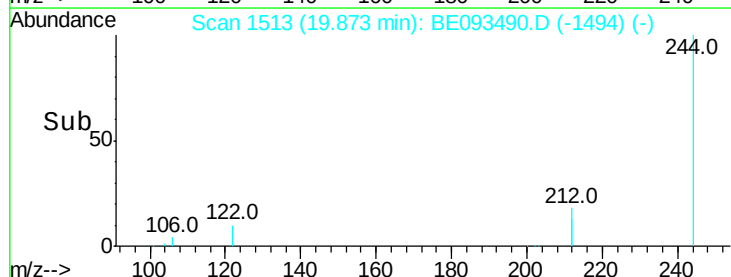
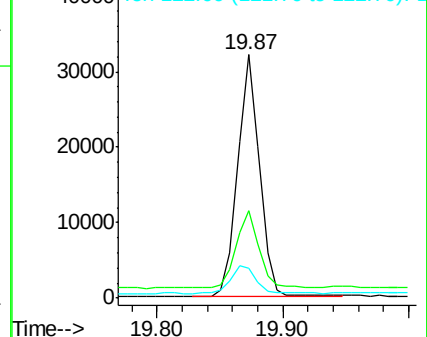
122 12.1 15.4 23.0#

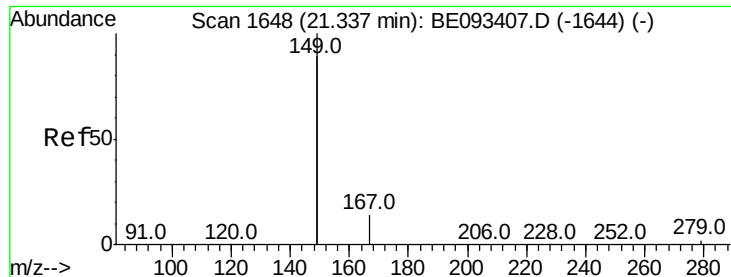


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

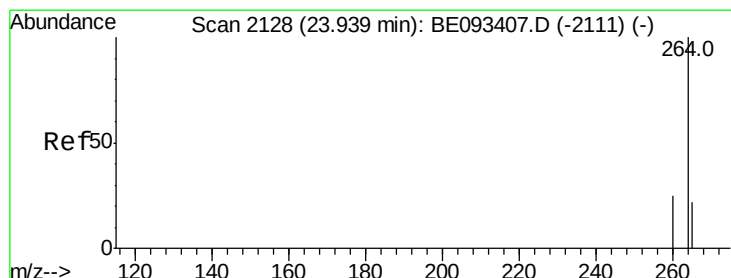
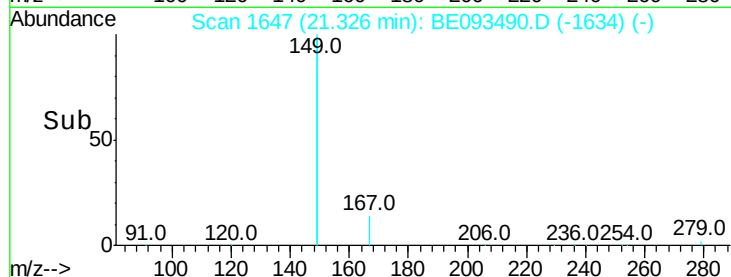
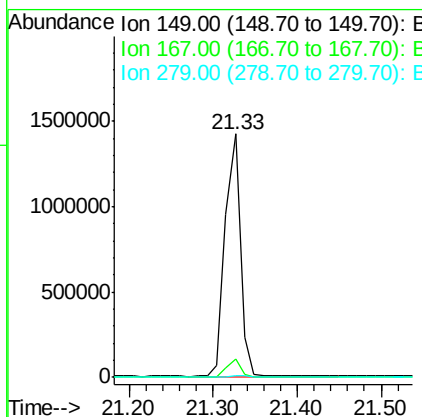
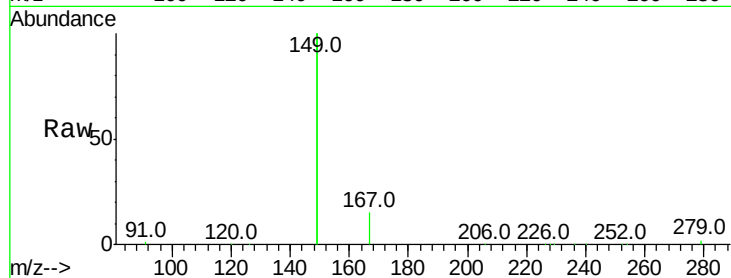




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 12.741 ng
 RT: 21.33 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 1781008
 Ion Ratio Lower Upper
 149 100
 167 6.8 20.1 30.1#
 279 0.9 2.2 3.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093490.D
 Acq: 19 Jul 2017 18:27

Tgt Ion:264 Resp: 31293
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.0 31.4
 265 31.9 24.6 36.8

