

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
 Data File : BE093478.D
 Acq On : 19 Jul 2017 11:00
 Operator : SJ/JU
 Sample : PB100678BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 20 12:00:13 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

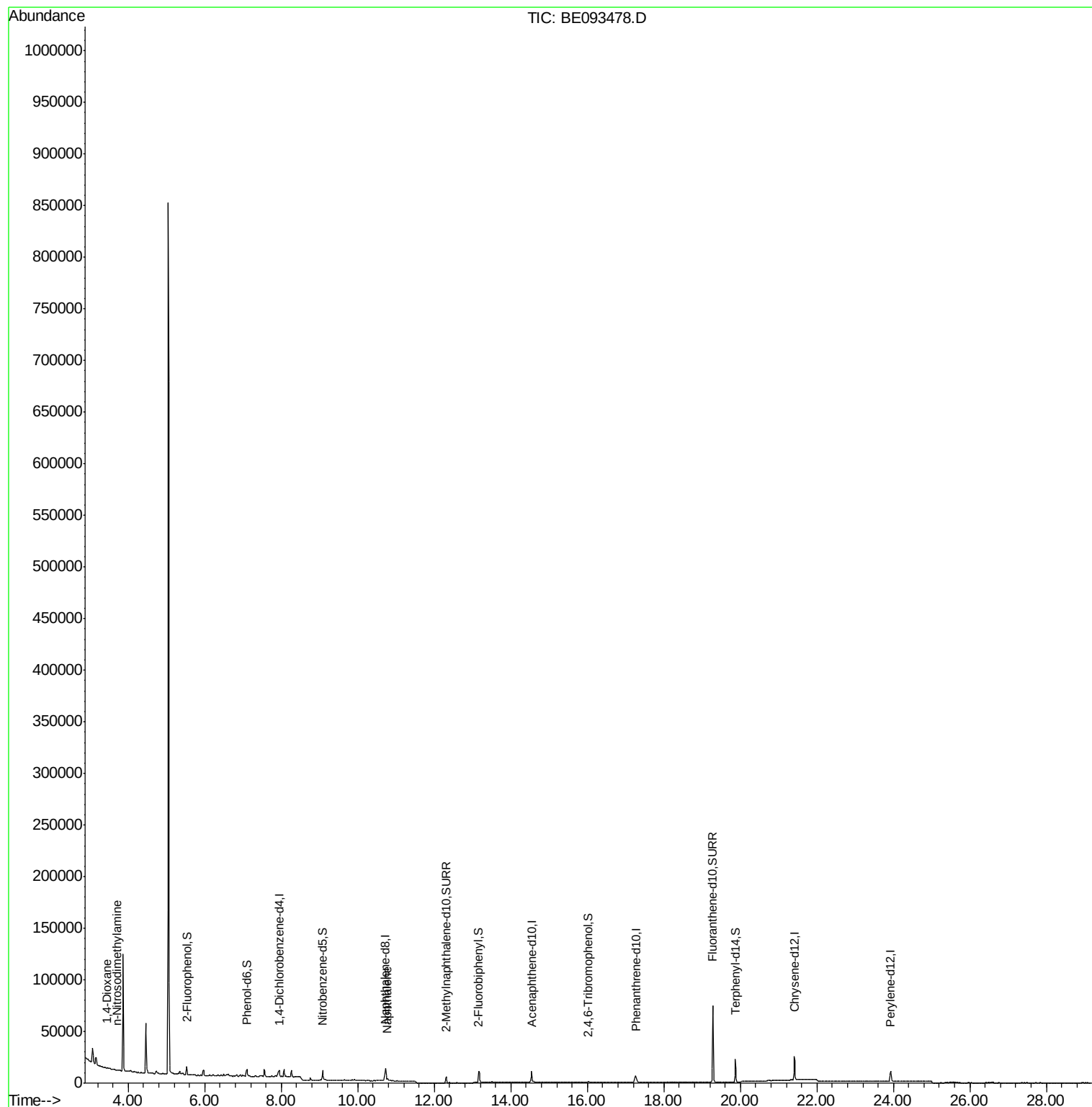
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	3187	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	13264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	6370	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	14080	0.40	ng	0.00
27) Chrysene-d12	21.42	240	25115	0.40	ng	-0.01
34) Perylene-d12	23.93	264	15546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	4114	0.43	ng	0.00
5) Phenol-d6	7.10	99	5480	0.39	ng	0.00
8) Nitrobenzene-d5	9.08	82	4200	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8142	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	532	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	11370	0.46	ng	-0.01
25) Fluoranthene-d10	19.28	212	101979	0.60	ng	0.00
29) Terphenyl-d14	19.87	244	18697	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.45	88	648	0.096	ng	# 24
3) n-Nitrosodimethylamine	3.71	42	191	0.164	ng	# 18
9) Naphthalene	10.77	128	4542	0.033	ng	# 78
22) Pentachlorophenol	16.91	266	41	Below Cal		# 82

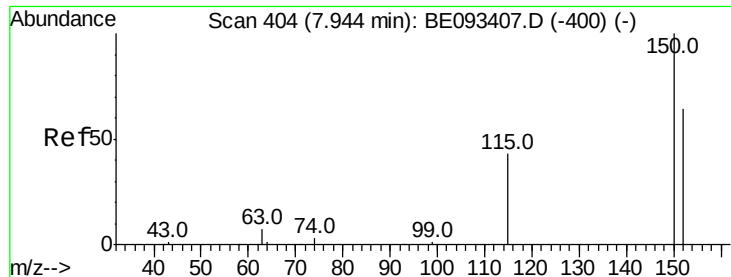
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071917\
Data File : BE093478.D
Acq On : 19 Jul 2017 11:00
Operator : SJ/JU
Sample : PB100678BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 20 12:00:13 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: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

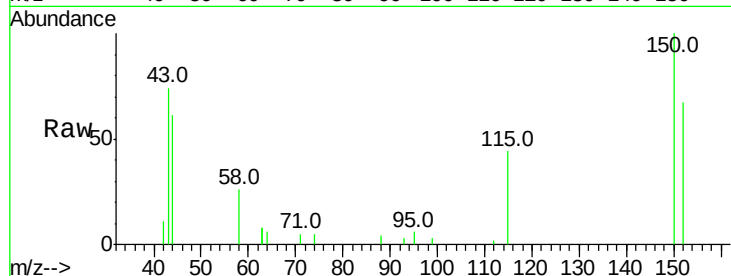
Tot Ion:152 Resp: 3187

Ion Ratio Lower Upper

152 100

150 149.0 125.1 187.7

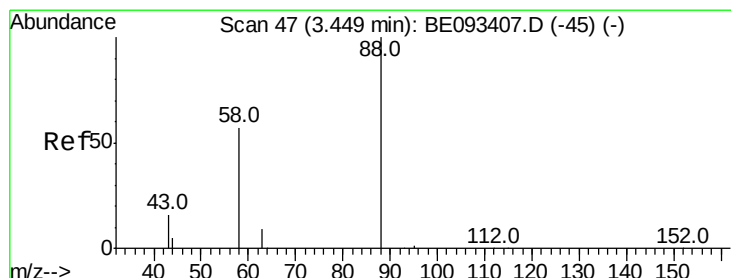
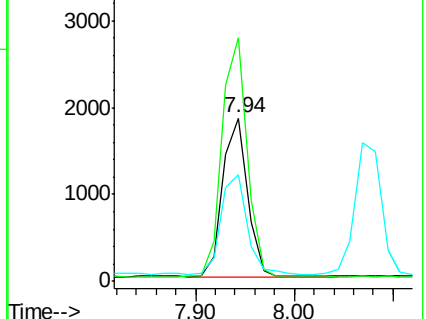
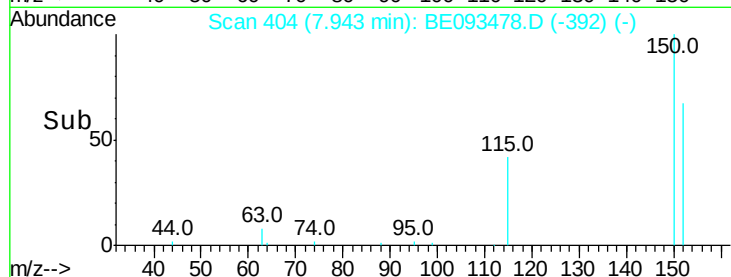
115 65.2 55.7 83.5



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: 0.096 ng

RT: 3.45 min Scan# 47

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

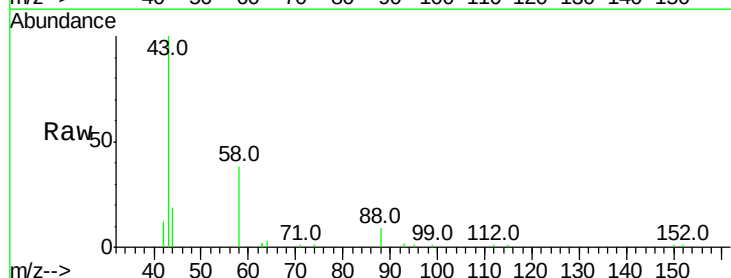
Tgt Ion: 88 Resp: 648

Ion Ratio Lower Upper

88 100

58 150.5 62.2 93.4#

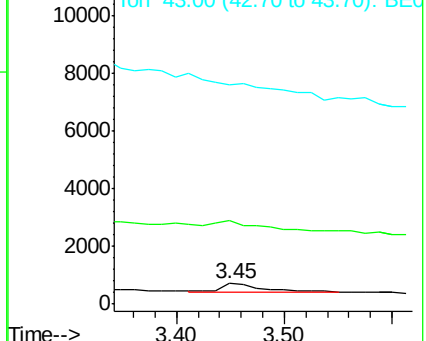
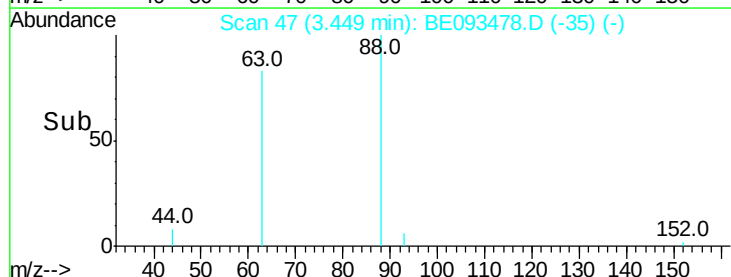
43 0.0 23.2 34.8#

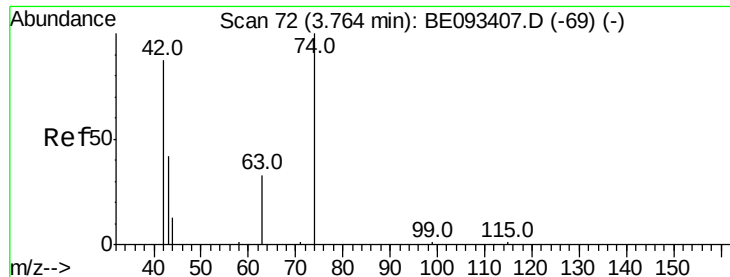


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



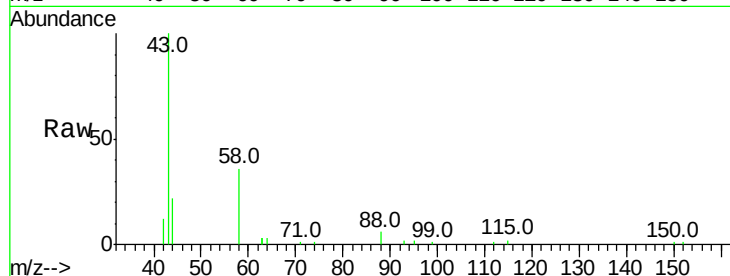


#3

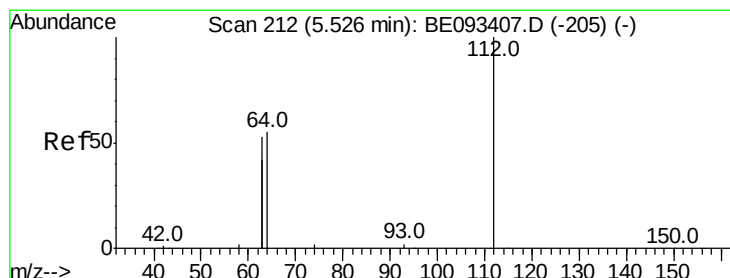
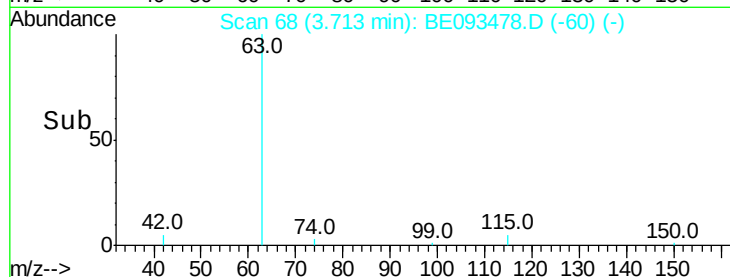
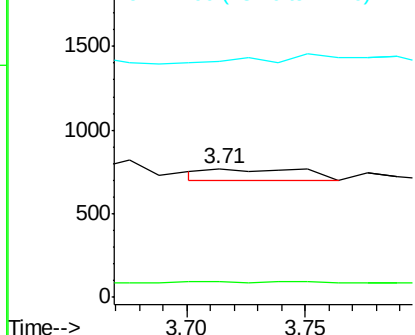
n-Nitrosodimethylamine
 Concen: 0.164 ng
 RT: 3.71 min Scan# 68
 Delta R.T. -0.05 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Instrument :
 BNA_E
 ClientSampled :

Tot Ion	42	Resp	191
Ion Ratio	Lower	Upper	
42	100		
74	25.7	99.1	148.7#
44	0.0	7.4	11.2#



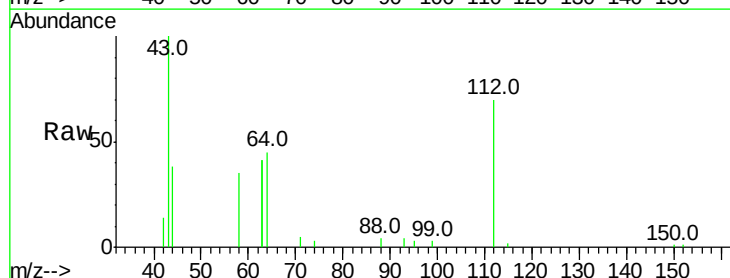
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



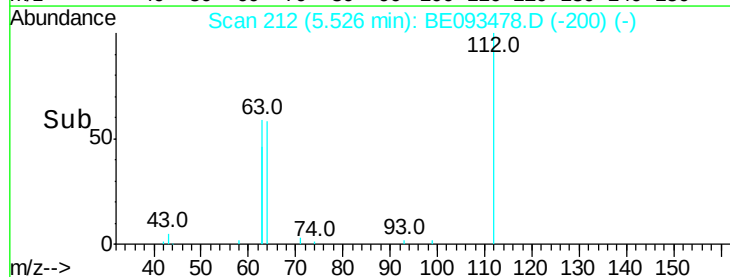
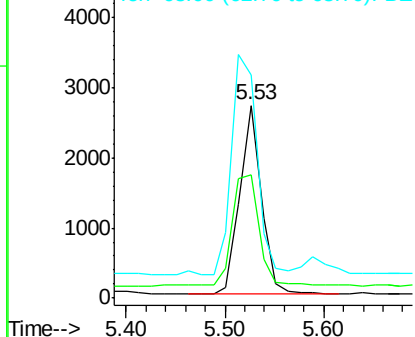
#4

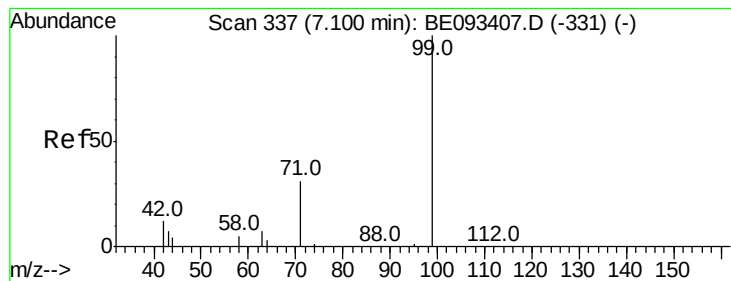
2-Fluorophenol
 Concen: 0.428 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Tgt Ion	112	Resp	4114
Ion Ratio	Lower	Upper	
112	100		
64	73.8	56.4	84.6
63	136.6	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: 0.386 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampled :

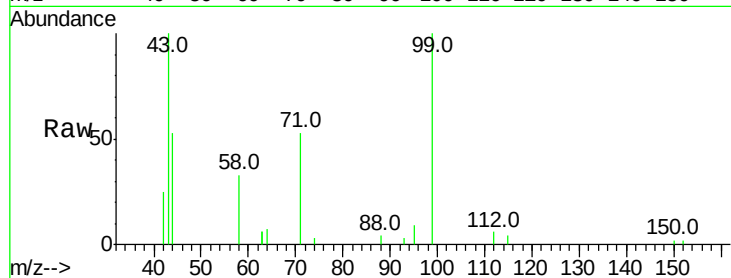
Tot Ion: 99 Resp: 5480

Ion Ratio Lower Upper

99 100

42 25.1 0.0 0.0#

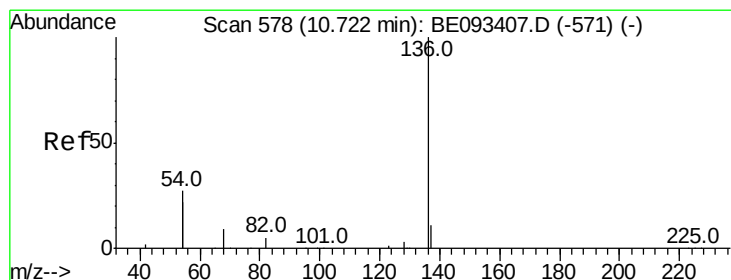
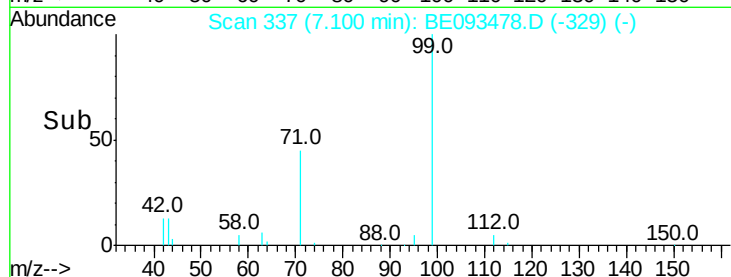
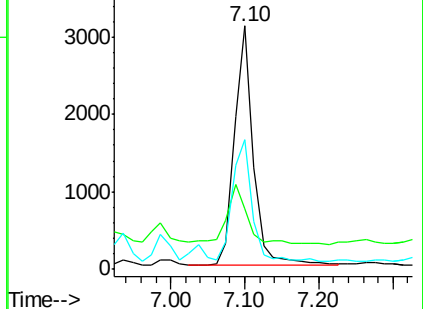
71 53.2 0.0 0.0#



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: BE093478.D

Acq: 19 Jul 2017 11:00

Tgt Ion: 136 Resp: 13264

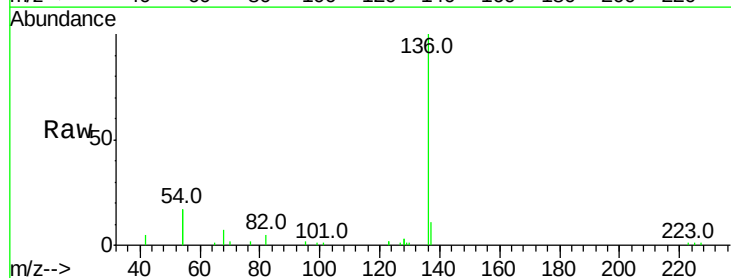
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 34.8 10.3 15.5#

68 7.3 9.0 13.4#

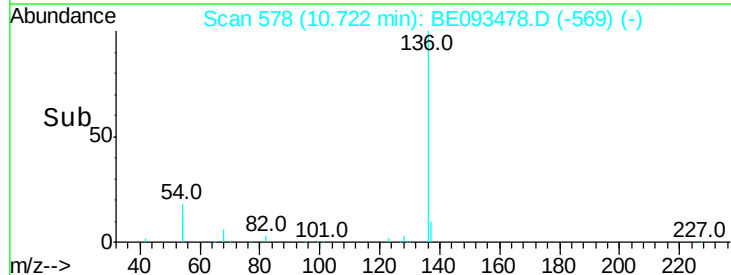
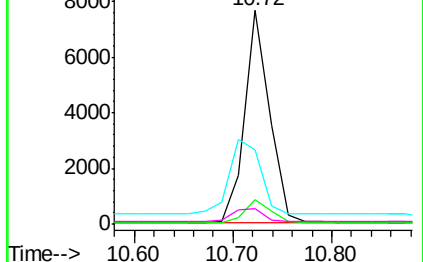


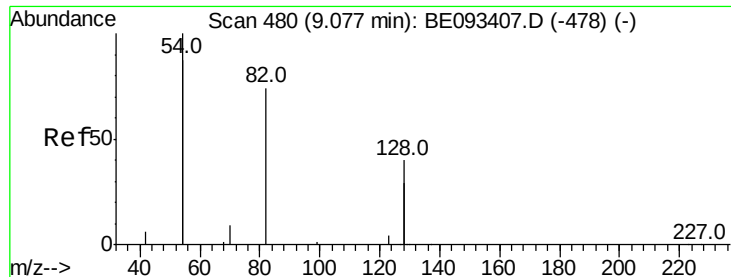
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.496 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampled :

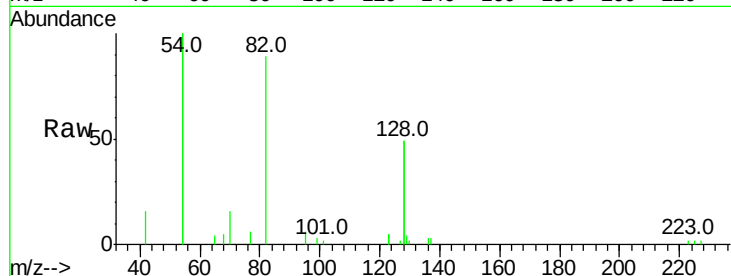
Tot Ion: 82 Resp: 4200

Ion Ratio Lower Upper

82 100

128 110.4 17.0 25.4#

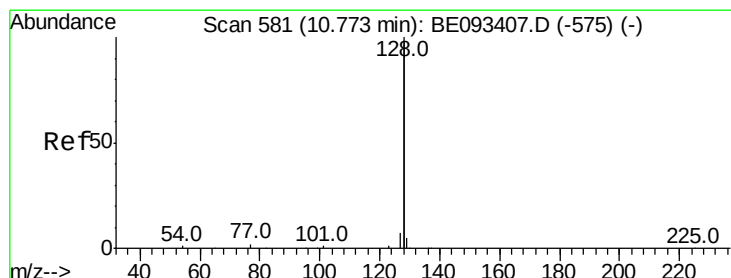
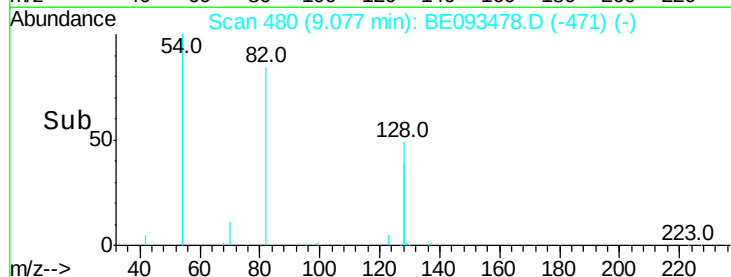
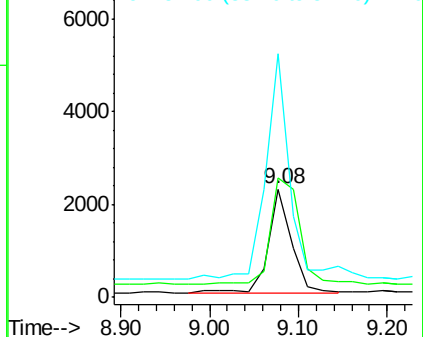
54 224.8 53.8 80.6#



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) (-)



#9

Naphthalene

Concen: 0.033 ng

RT: 10.77 min Scan# 581

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

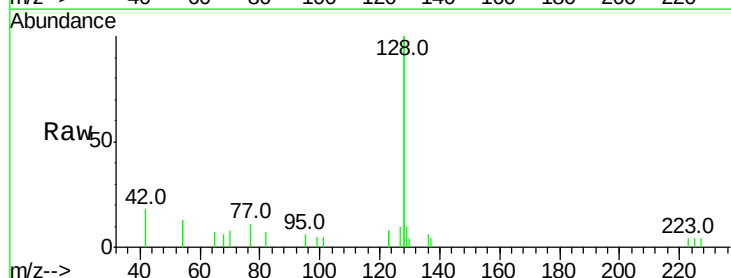
Tgt Ion: 128 Resp: 4542

Ion Ratio Lower Upper

128 100

129 5.1 11.4 17.0#

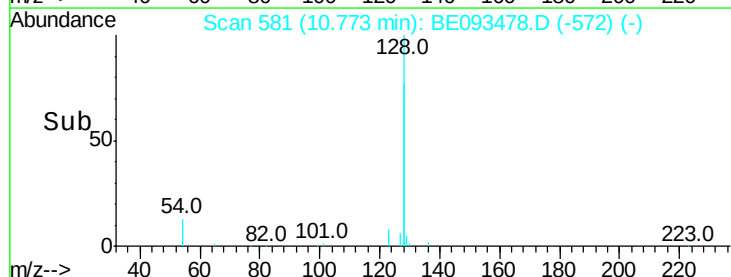
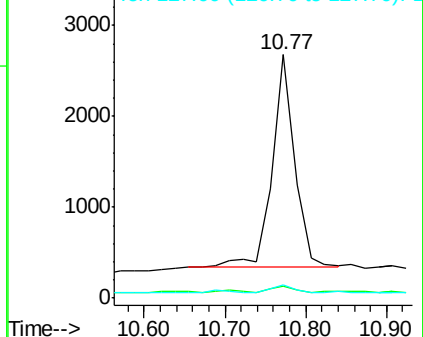
127 5.2 11.2 16.8#

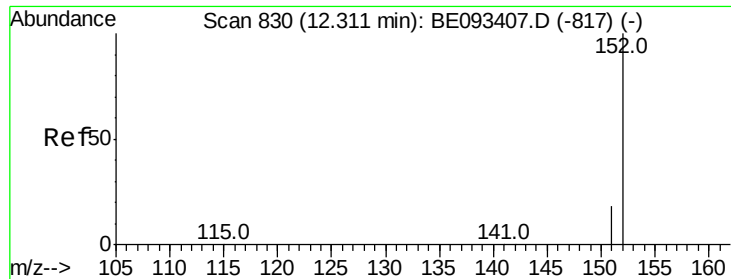


Abundance Ion 128.00 (127.70 to 128.70): BE093407.D (-575) (-)

Ion 129.00 (128.70 to 129.70): BE093407.D (-575) (-)

Ion 127.00 (126.70 to 127.70): BE093407.D (-575) (-)

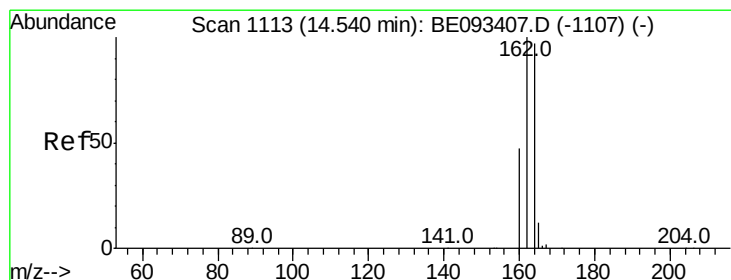
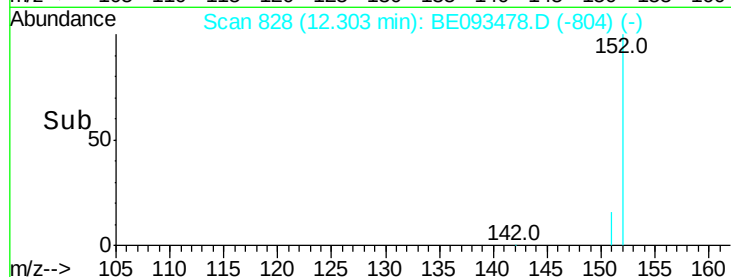
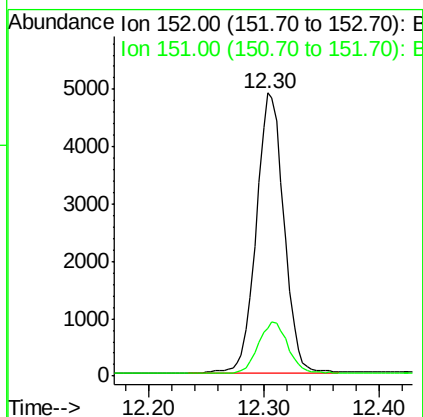
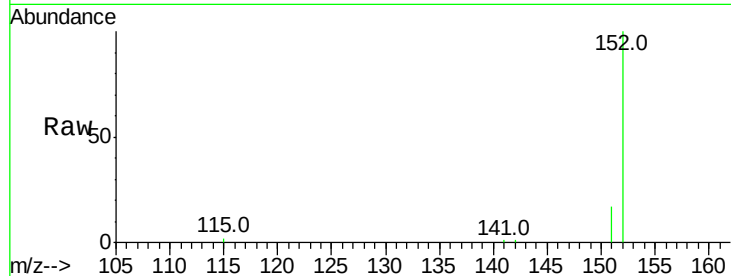




#11
 2-Methylnaphthalene-d10
 Concen: 0.385 ng
 RT: 12.30 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

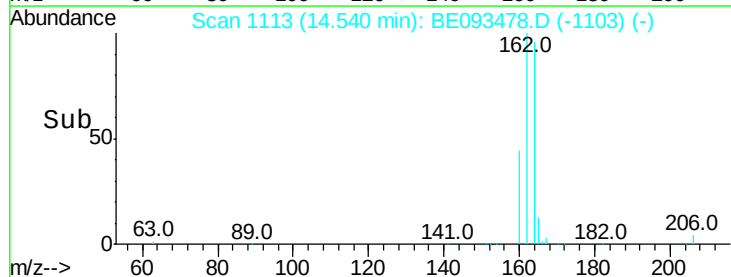
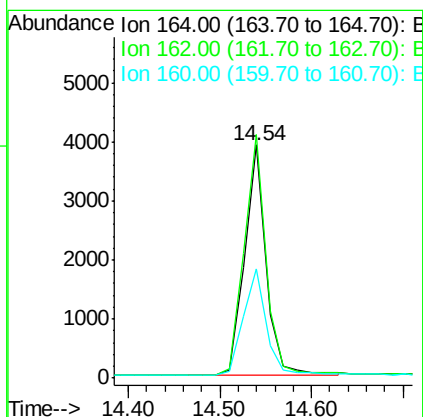
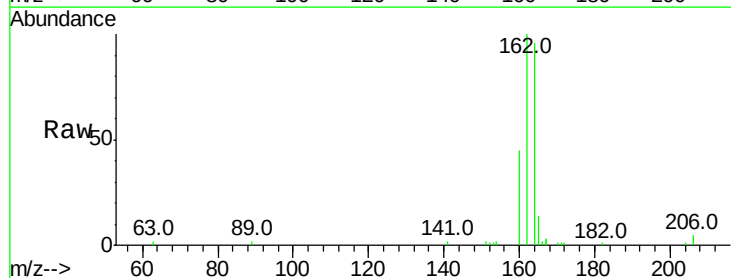
Instrument :
 BNA_E
 ClientSampleId :

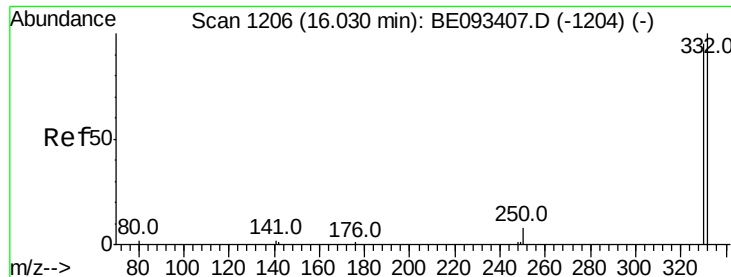
Tot Ion:152 Resp: 8142
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Tgt Ion:164 Resp: 6370
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.6 127.0
 160 46.9 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.266 ng

RT: 16.03 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

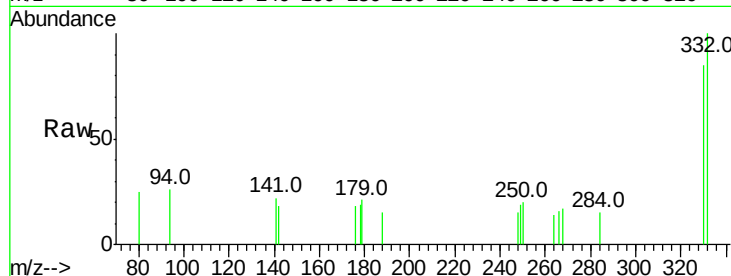
Tot Ion:330 Resp: 532

Ion Ratio Lower Upper

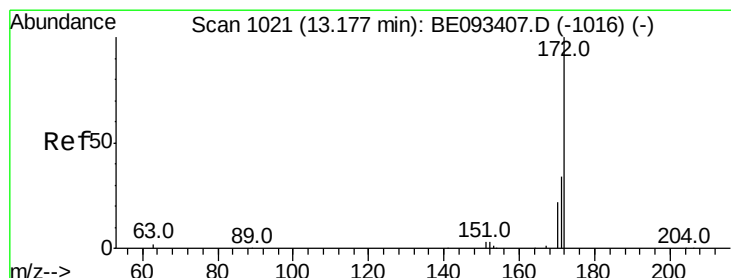
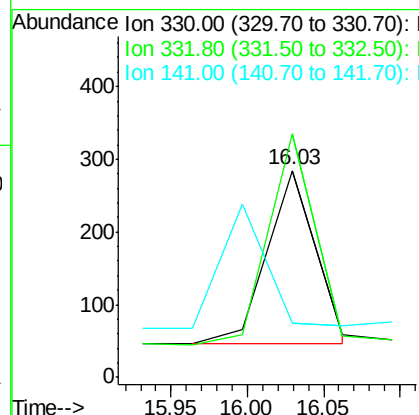
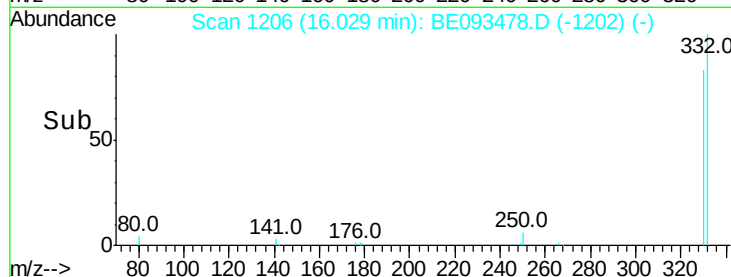
330 100

332 116.2 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: 0.460 ng

RT: 13.16 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

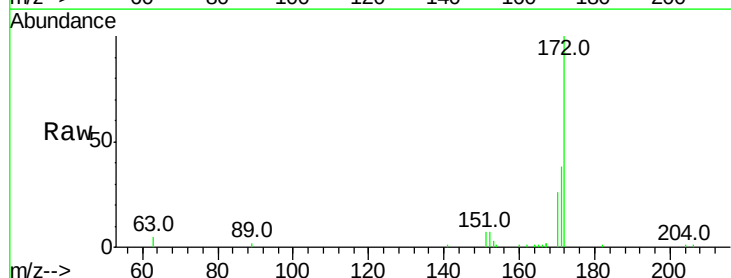
Tgt Ion:172 Resp: 11370

Ion Ratio Lower Upper

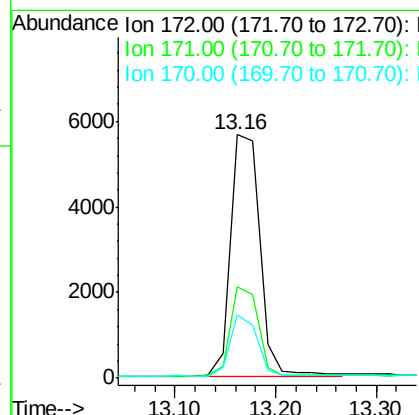
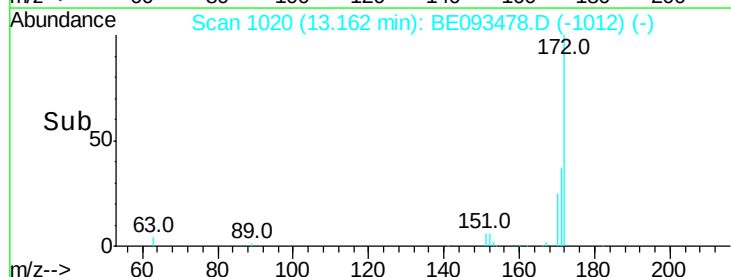
172 100

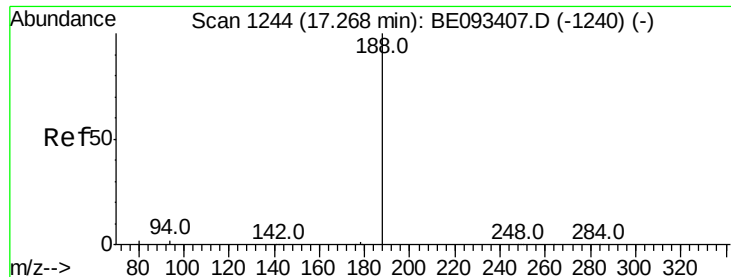
171 37.5 29.8 44.6

170 26.1 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: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

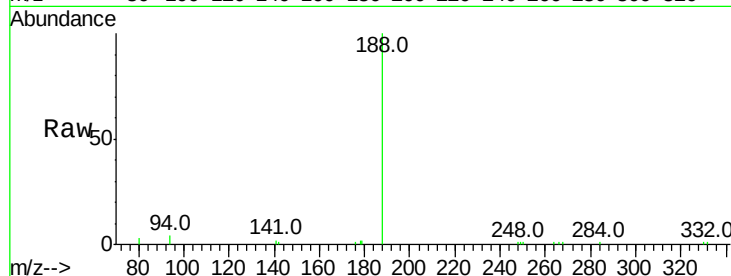
Tot Ion:188 Resp: 14080

Ion Ratio Lower Upper

188 100

94 3.9 11.3 16.9#

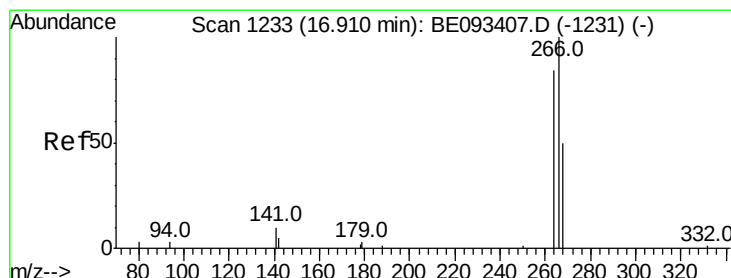
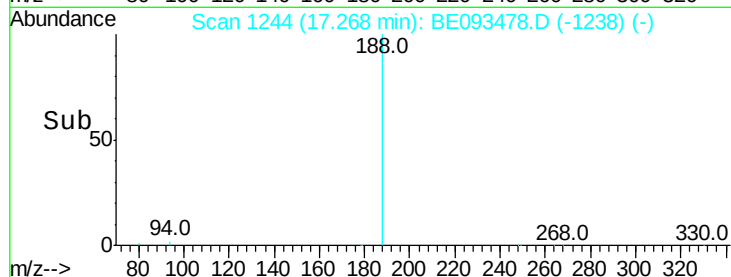
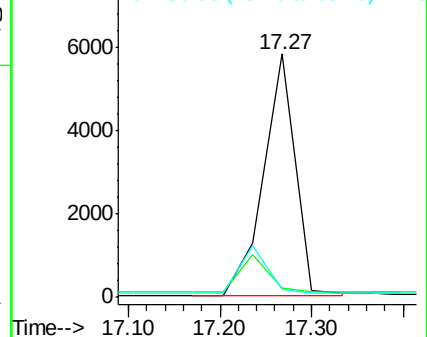
80 3.2 11.7 17.5#



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: BE093478.D

Acq: 19 Jul 2017 11:00

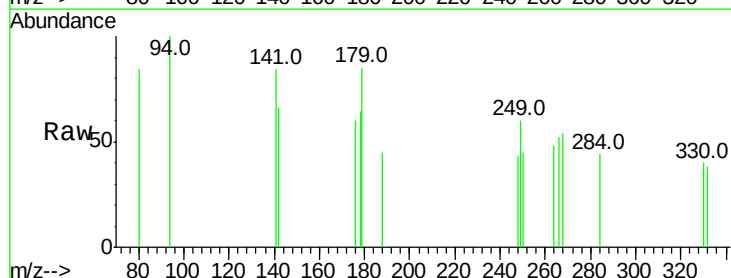
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 92.1 58.2 87.2#

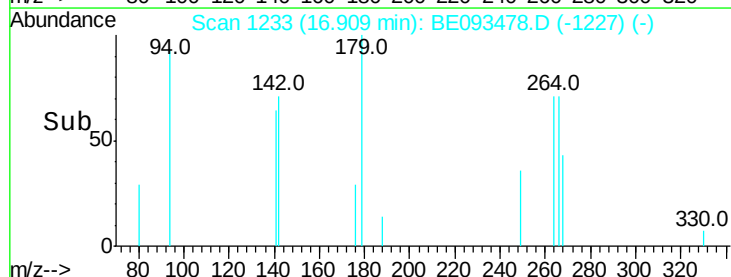
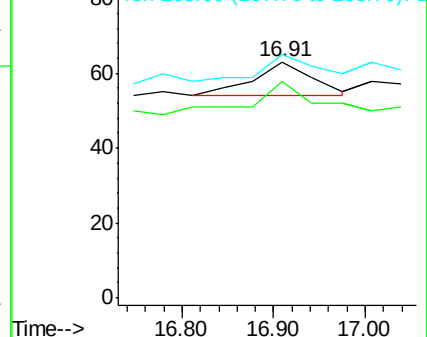
268 103.2 71.9 107.9

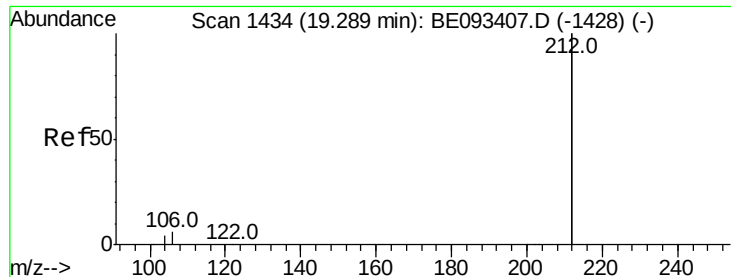


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.601 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

Instrument :

BNA_E

ClientSampleId :

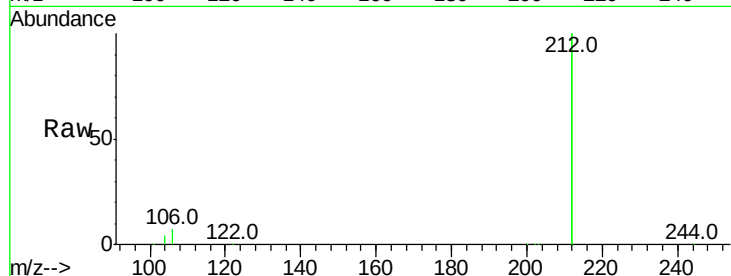
Tot Ion:212 Resp: 101979

Ion Ratio Lower Upper

212 100

106 3.5 2.4 3.6

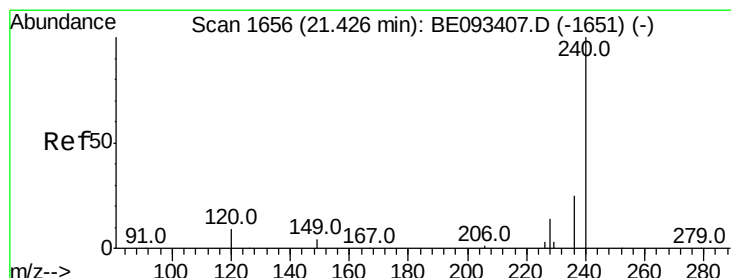
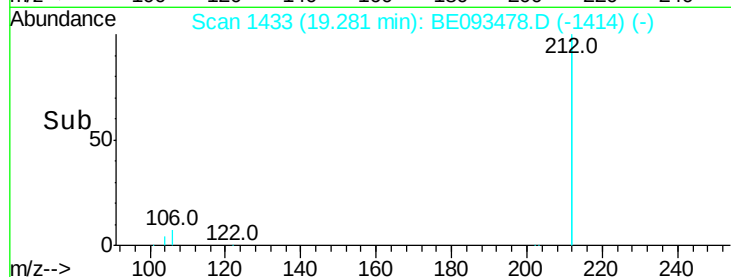
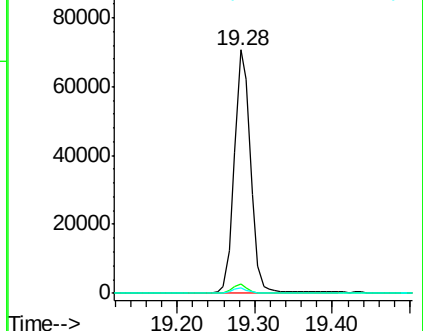
104 1.9 1.6 2.4



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: 21.42 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BE093478.D

Acq: 19 Jul 2017 11:00

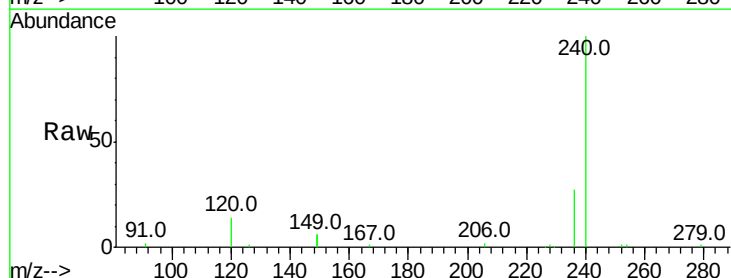
Tgt Ion:240 Resp: 25115

Ion Ratio Lower Upper

240 100

120 14.4 4.6 7.0#

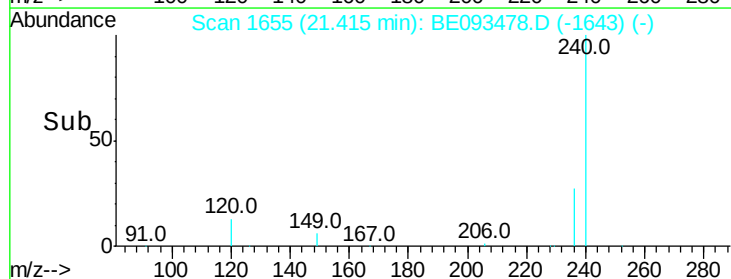
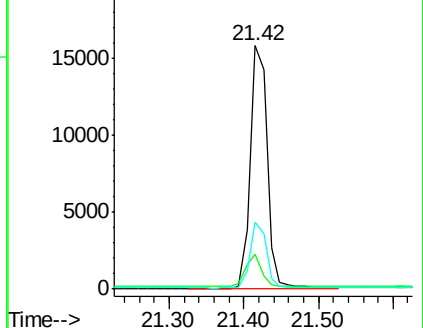
236 27.3 20.8 31.2

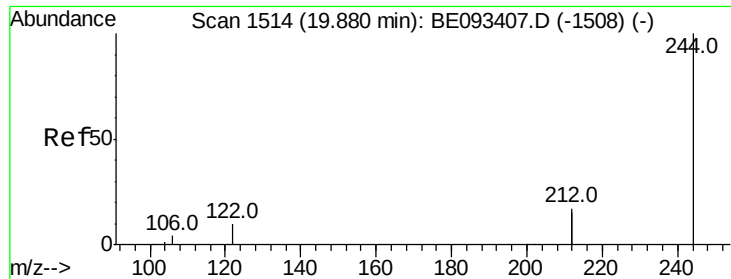


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

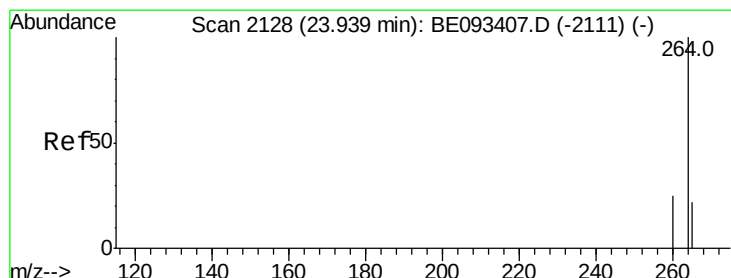
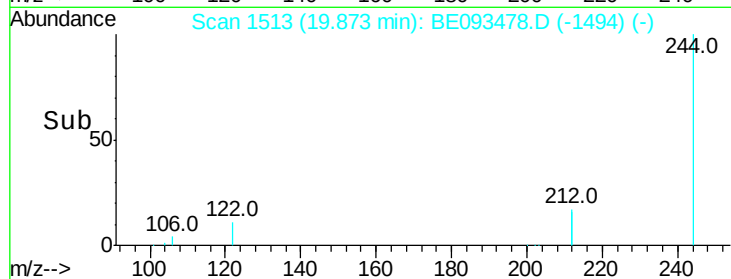
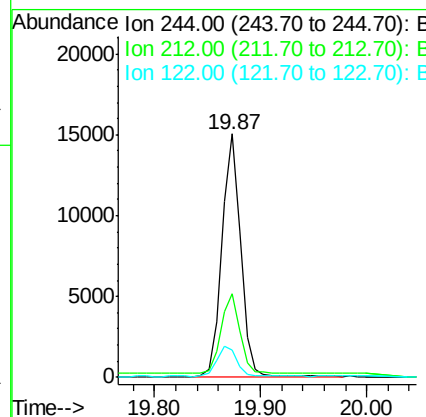
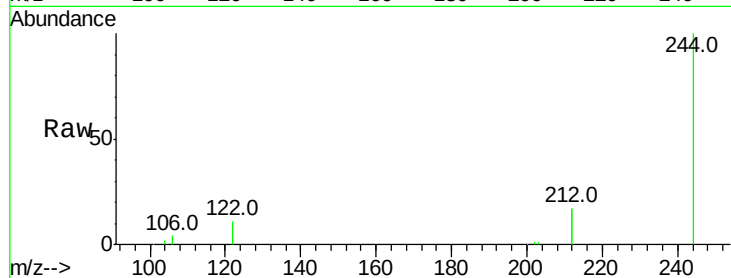




#29
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 18697
 Ion Ratio Lower Upper
 244 100
 212 34.3 10.6 16.0#
 122 11.2 15.4 23.0#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093478.D
 Acq: 19 Jul 2017 11:00

Tgt Ion:264 Resp: 15546
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.0 31.4
 265 35.0 24.6 36.8

