

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE071417\
 Data File : BE093471.D
 Acq On : 14 Jul 2017 14:44
 Operator : SJ/JU
 Sample : I4153-06
 Misc : LOO 0.2 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 01:27:47 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	4486	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	23170	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	14920	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	29363	0.40	ng	0.00
27) Chrysene-d12	21.42	240	39030	0.40	ng	-0.01
34) Perylene-d12	23.93	264	33685	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	2244	0.17	ng	0.00
5) Phenol-d6	7.10	99	2054	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	5750	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	13248	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1050	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	23627	0.41	ng	0.00
25) Fluoranthene-d10	19.28	212	158105	0.45	ng	0.00
29) Terphenyl-d14	19.87	244	28833	0.41	ng	0.00

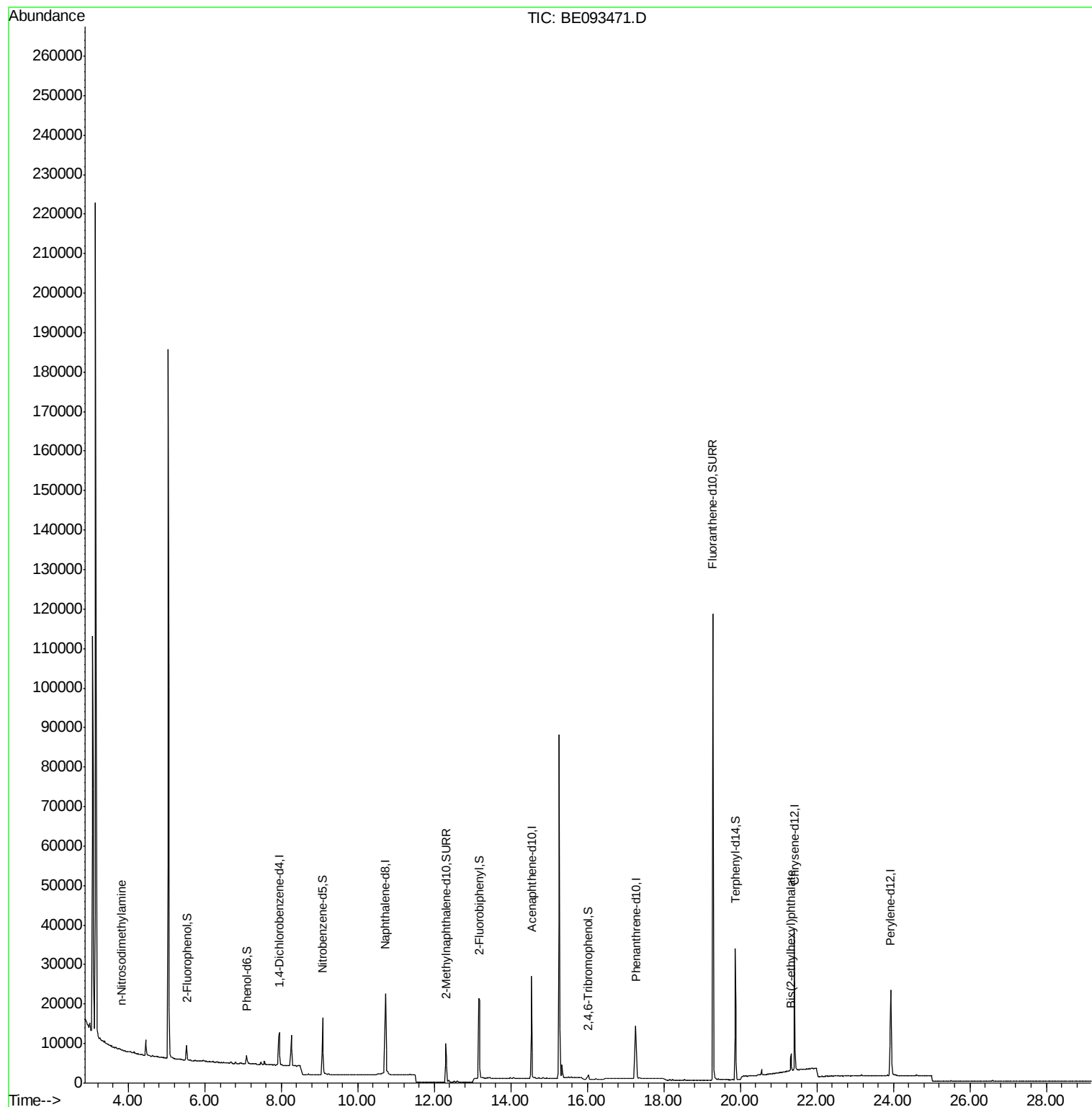
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.81	42	51	0.132	ng	# 82
22) Pentachlorophenol	16.91	266	25	Below Cal		# 82
32) Bis(2-ethylhexyl)phthalate	21.33	149	7796	0.051	ng	# 63

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

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Quant Time: Jul 17 01:27:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
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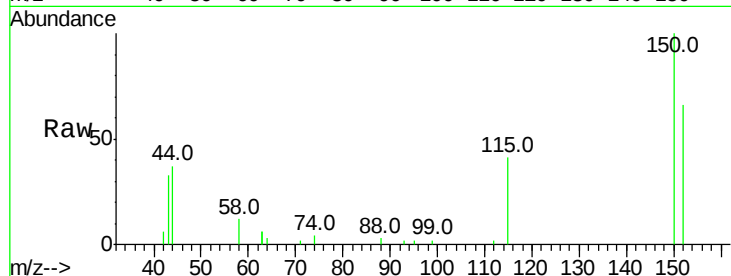


#1

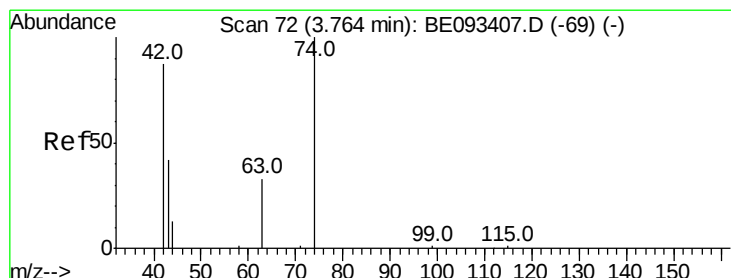
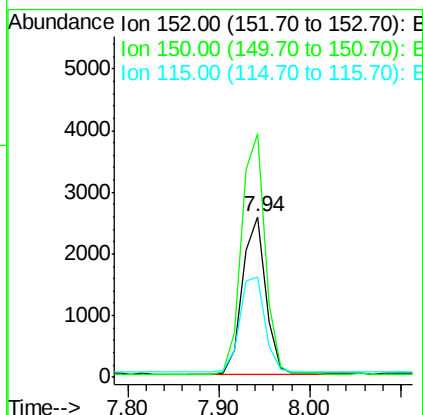
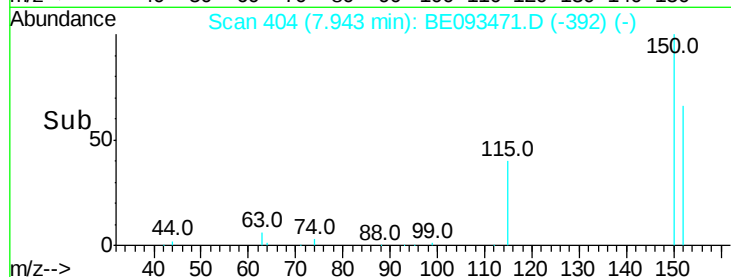
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.94 min Scan# 404
Delta R.T. -0.00 min
Lab File: BE093471.D
Acq: 14 Jul 2017 14:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4486
Ion Ratio Lower Upper
152 100
150 151.2 125.1 187.7
115 62.6 55.7 83.5



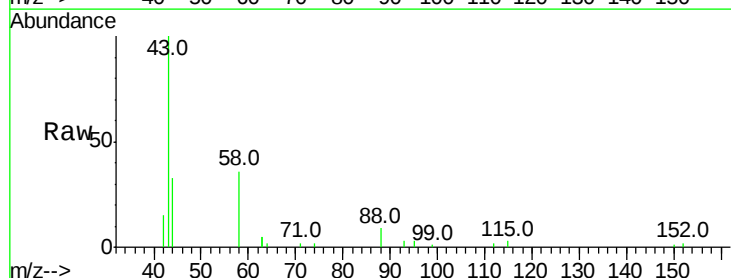
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



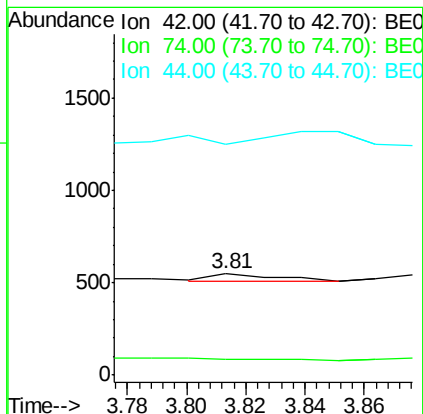
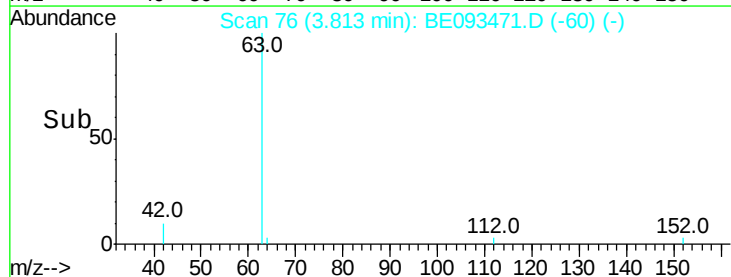
#3

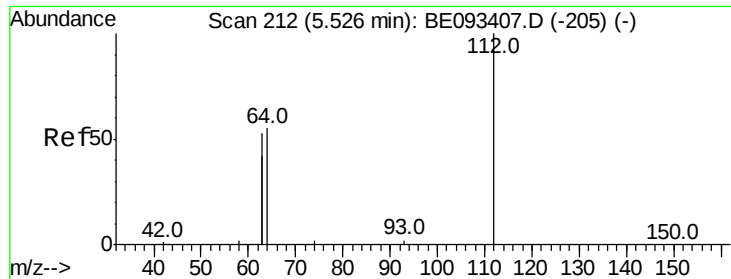
n-Nitrosodimethylamine
Concen: 0.132 ng
RT: 3.81 min Scan# 76
Delta R.T. 0.05 min
Lab File: BE093471.D
Acq: 14 Jul 2017 14:44

Tgt Ion: 42 Resp: 51
Ion Ratio Lower Upper
42 100
74 117.6 99.1 148.7
44 76.5 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: 0.166 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampled :

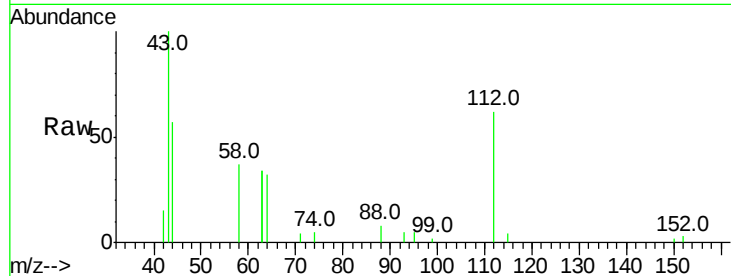
Tot Ion:112 Resp: 2244

Ion Ratio Lower Upper

112 100

64 68.8 56.4 84.6

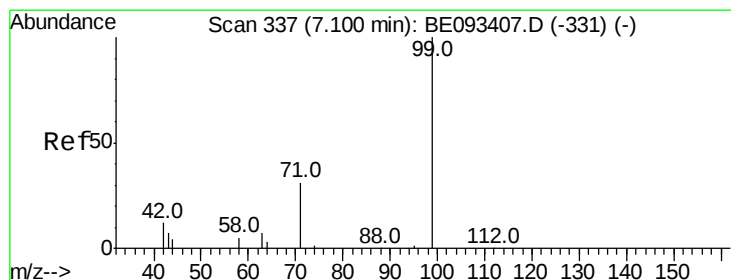
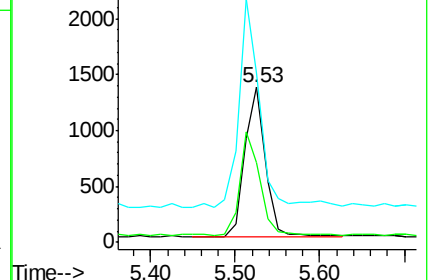
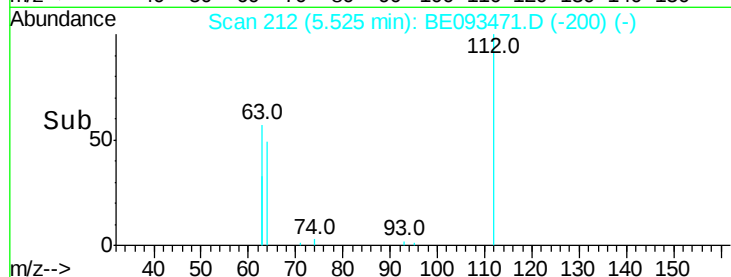
63 138.8 29.3 43.9#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.103 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

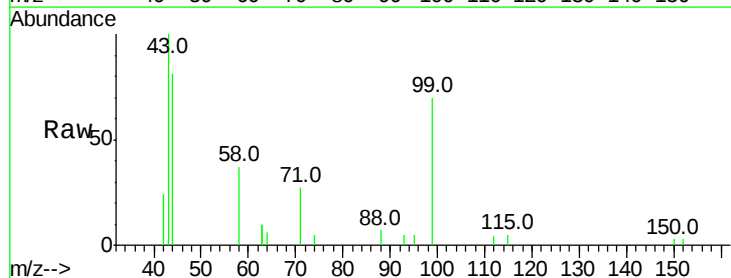
Tgt Ion: 99 Resp: 2054

Ion Ratio Lower Upper

99 100

42 20.5 0.0 0.0#

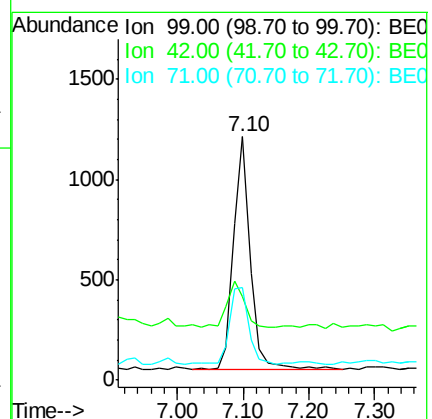
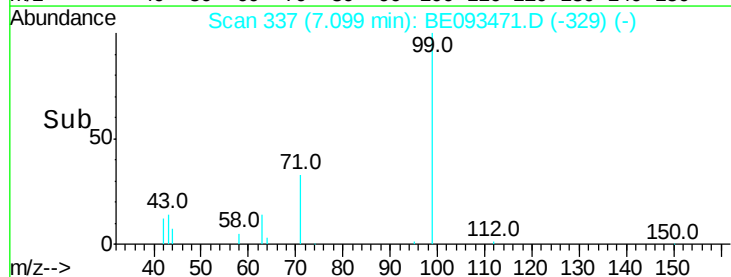
71 37.3 0.0 0.0#

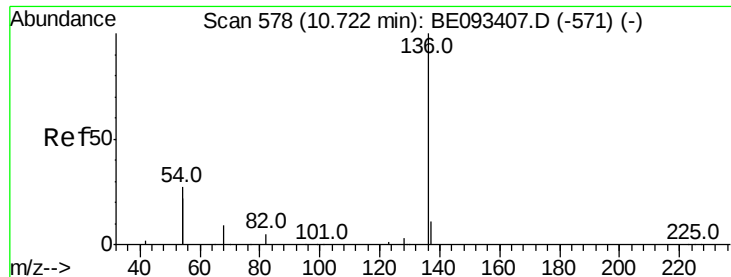


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE093471.D

Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 23170

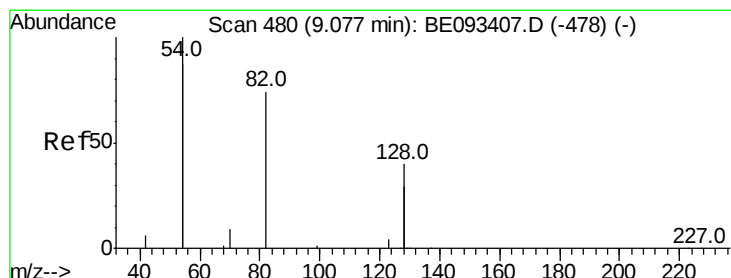
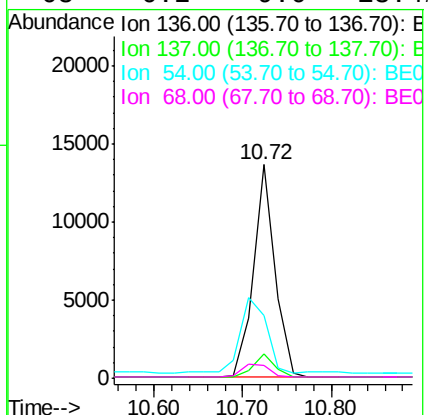
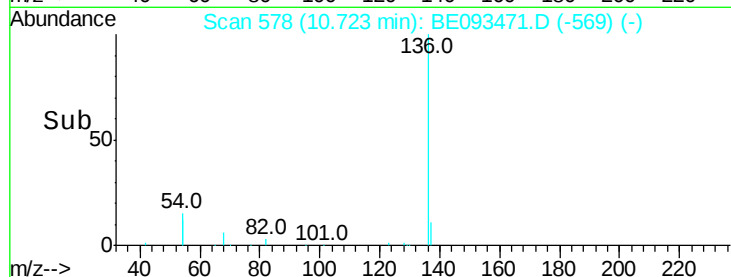
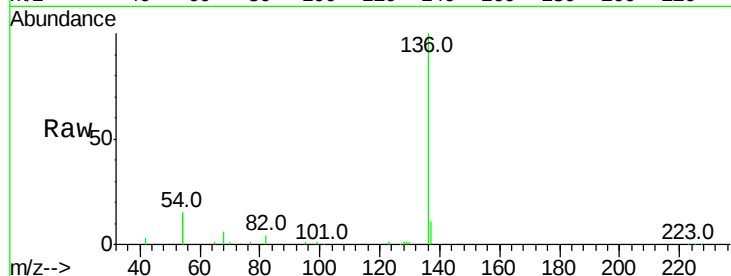
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 29.5 10.3 15.5#

68 6.2 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.389 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

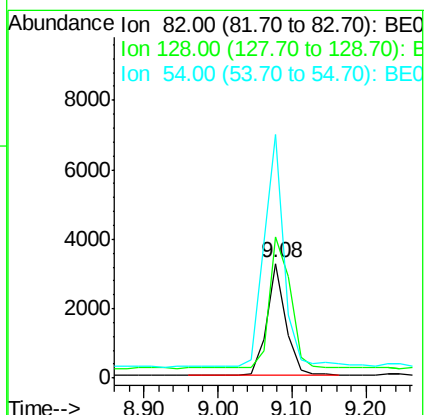
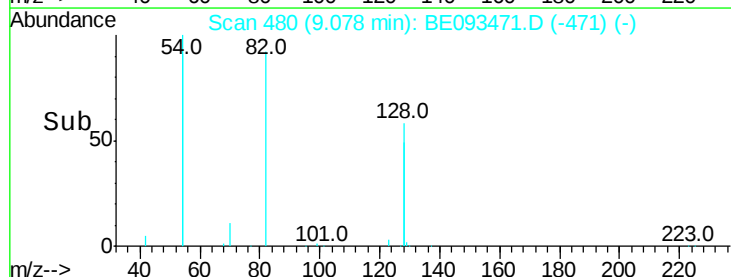
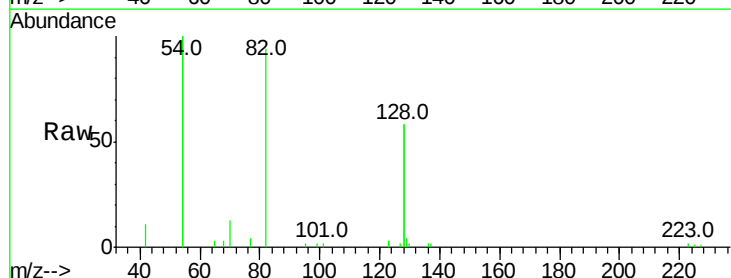
Tgt Ion: 82 Resp: 5750

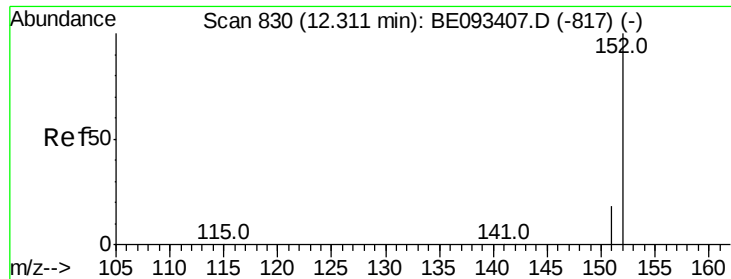
Ion Ratio Lower Upper

82 100

128 123.5 17.0 25.4#

54 212.2 53.8 80.6#

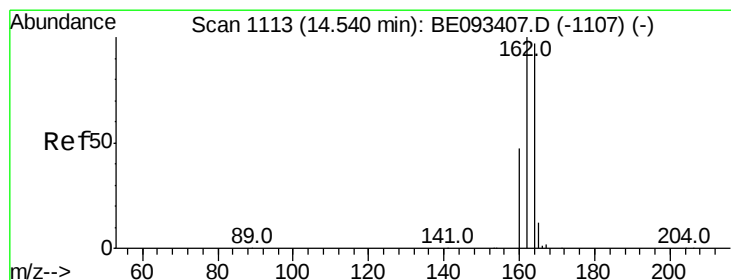
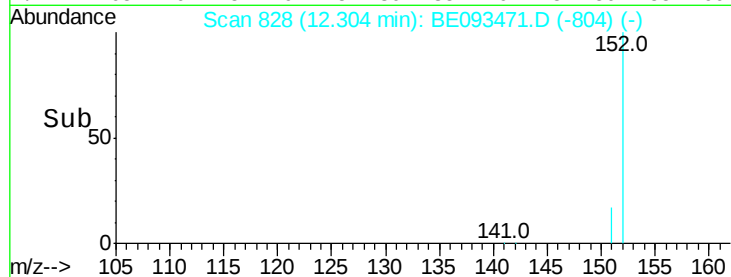
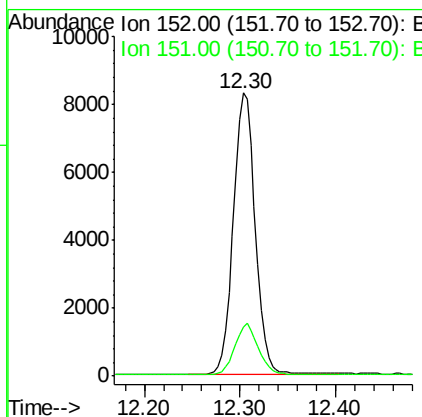
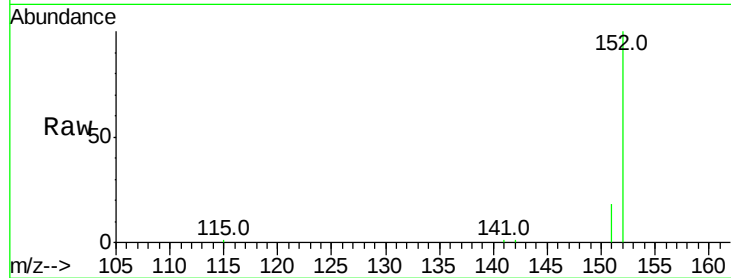




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.30 min Scan# 828
Delta R.T. -0.01 min
Lab File: BE093471.D
Acq: 14 Jul 2017 14:44

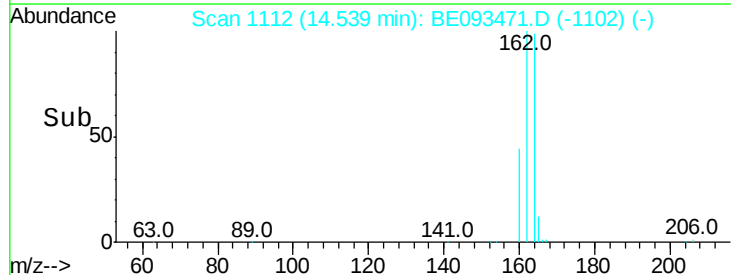
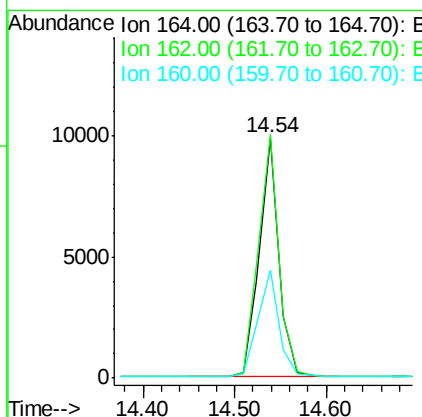
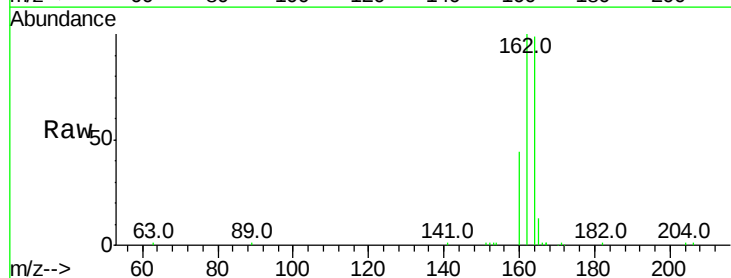
Instrument :
BNA_E
ClientSampleId :

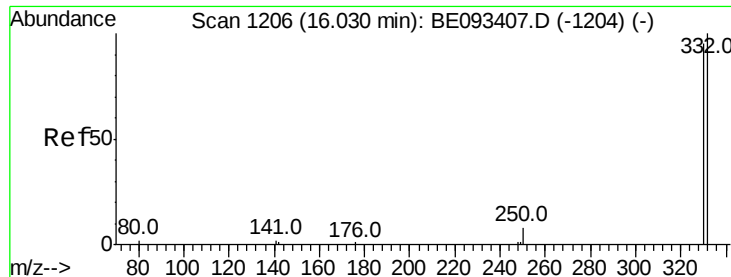
Tot Ion:152 Resp: 13248
Ion Ratio Lower Upper
152 100
151 18.8 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE093471.D
Acq: 14 Jul 2017 14:44

Tgt Ion:164 Resp: 14920
Ion Ratio Lower Upper
164 100
162 101.3 84.6 127.0
160 44.8 41.8 62.6





#14

2,4,6-Tribromophenol

Concen: 0.224 ng

RT: 16.03 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

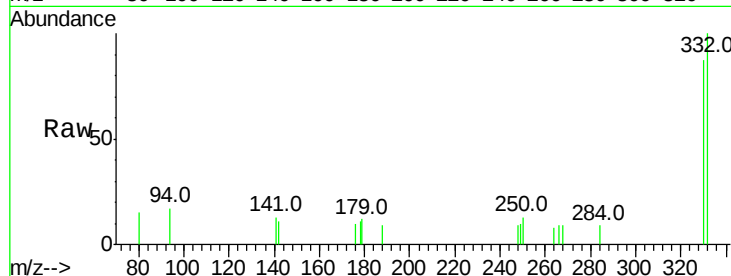
Tot Ion:330 Resp: 1050

Ion Ratio Lower Upper

330 100

332 109.7 77.7 116.5

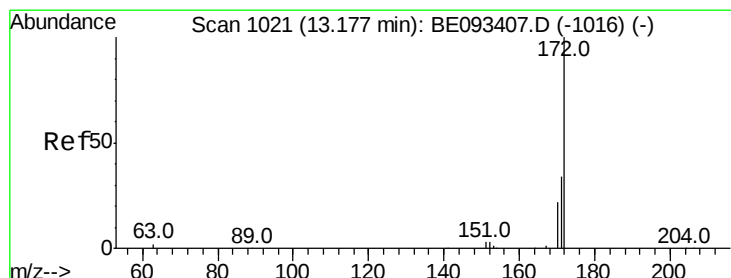
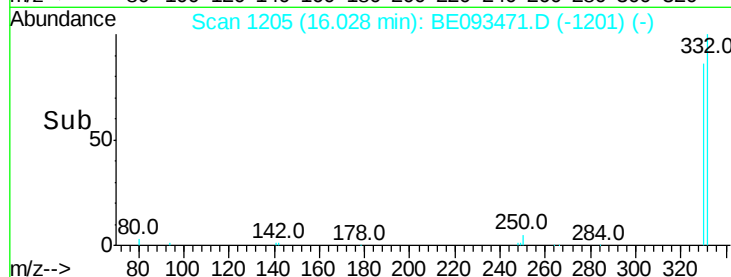
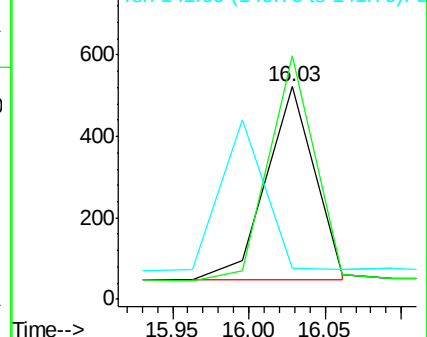
141 0.0 56.2 84.4#



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: 0.408 ng

RT: 13.18 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

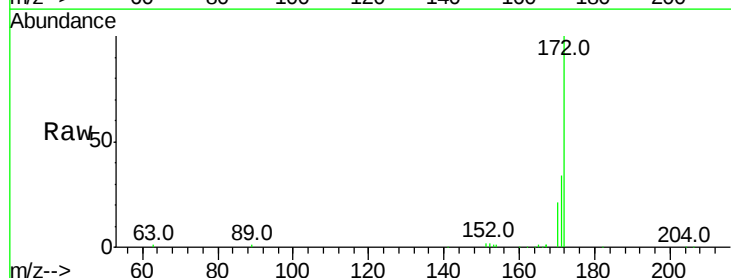
Tgt Ion:172 Resp: 23627

Ion Ratio Lower Upper

172 100

171 34.0 29.8 44.6

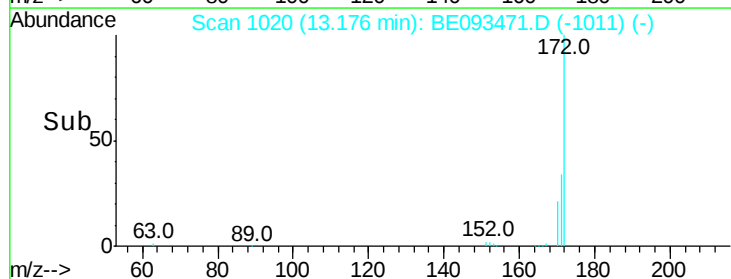
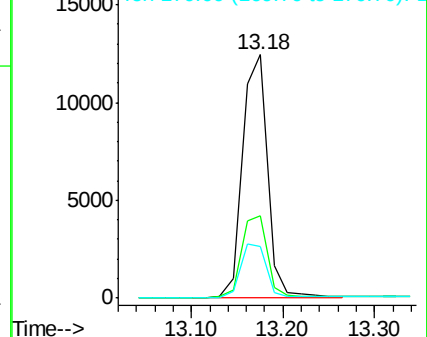
170 21.2 20.7 31.1

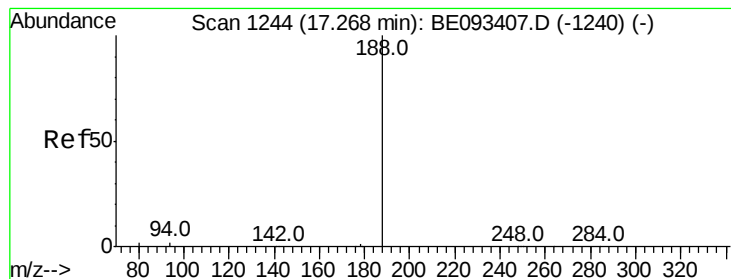


Abundance Ion 172.00 (171.70 to 172.70): E

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# 1243

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

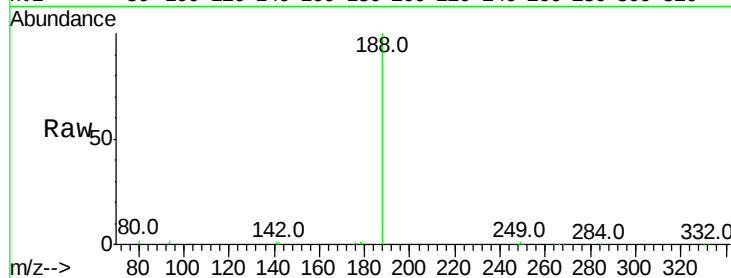
Tot Ion:188 Resp: 29363

Ion Ratio Lower Upper

188 100

94 2.4 11.3 16.9#

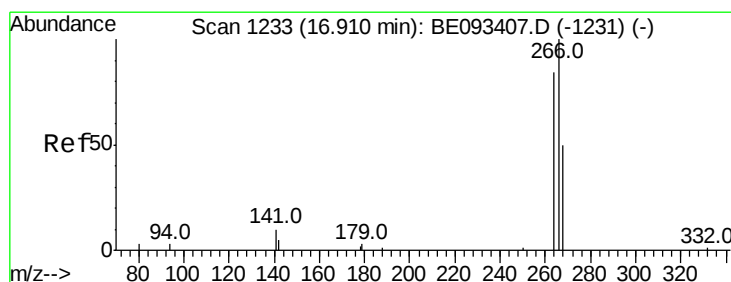
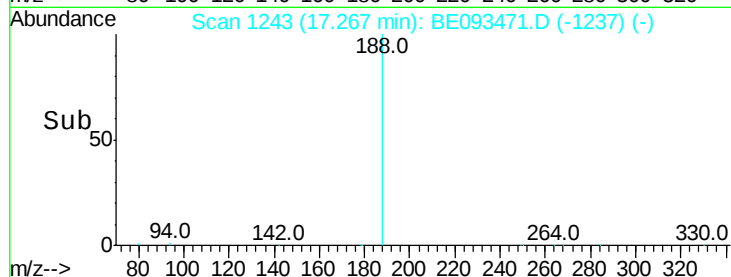
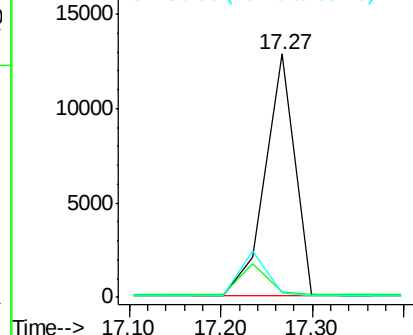
80 1.7 11.7 17.5#



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# 1232

Delta R.T. -0.00 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

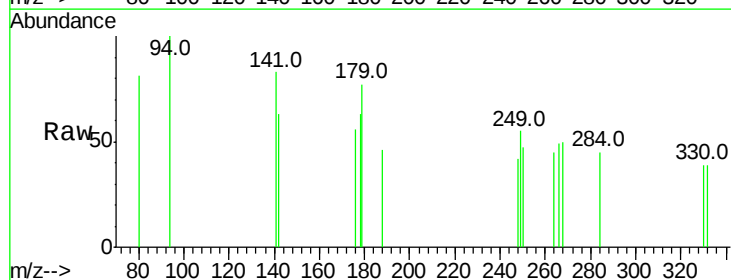
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 91.4 58.2 87.2#

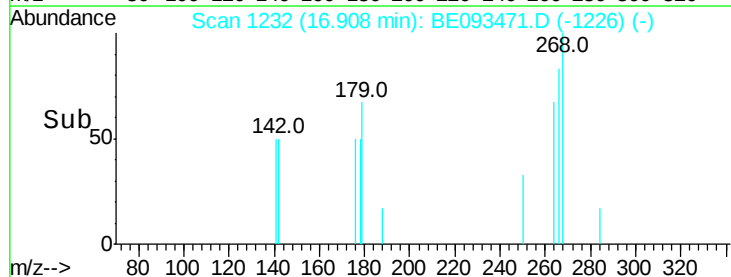
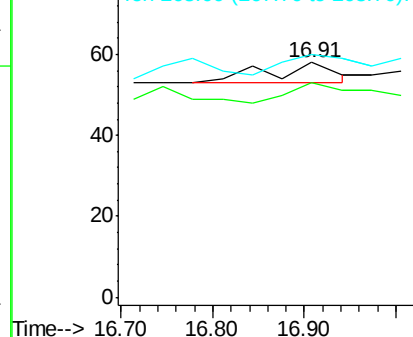
268 103.4 71.9 107.9

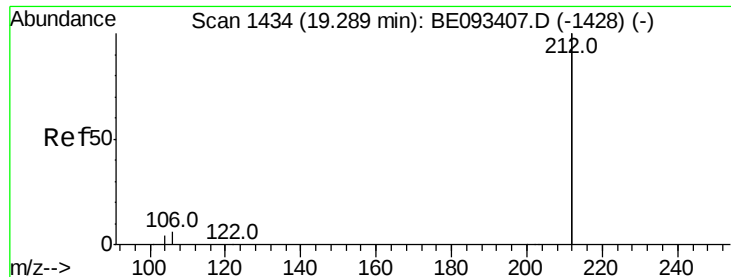


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.447 ng

RT: 19.28 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE093471.D

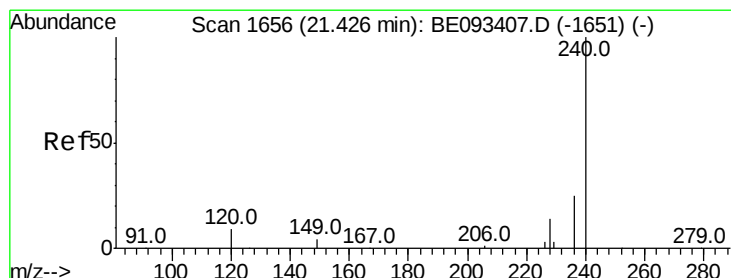
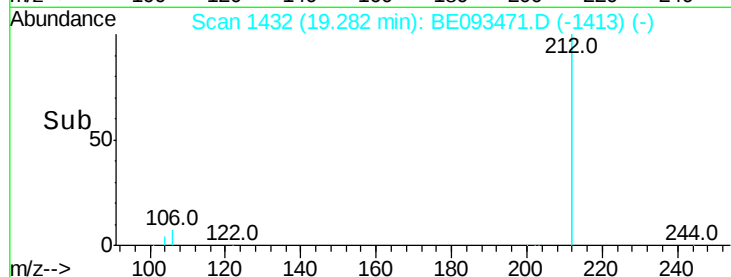
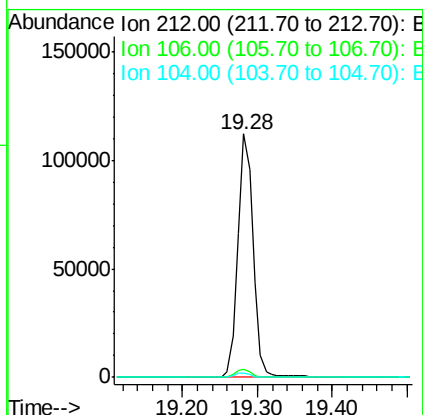
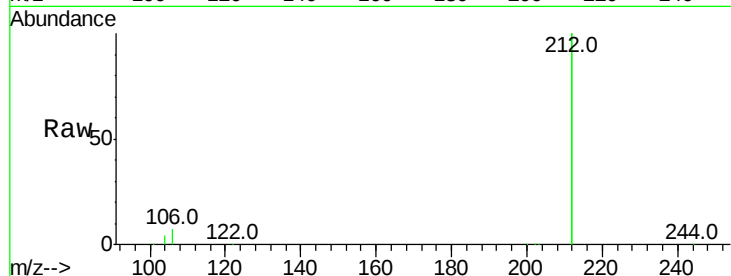
Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	158105
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

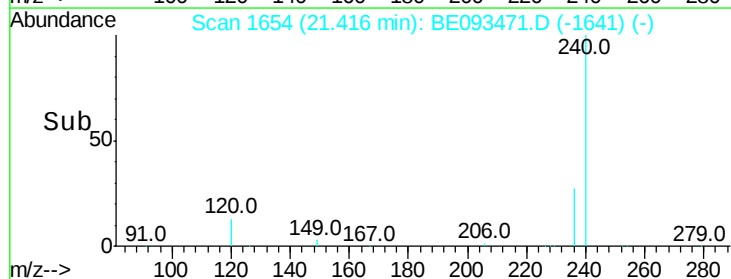
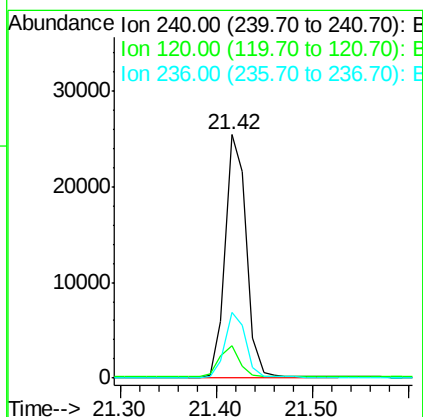
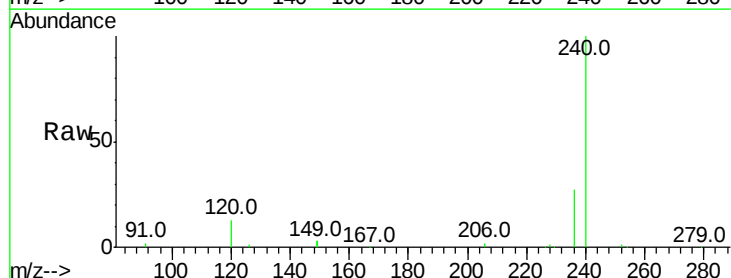
RT: 21.42 min Scan# 1654

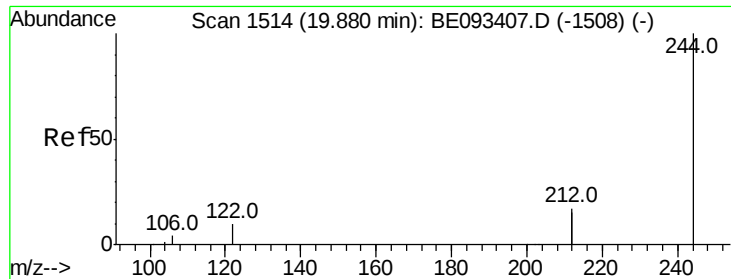
Delta R.T. -0.01 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

Tgt Ion:240	Resp:	39030
Ion Ratio	Lower	Upper
240	100	
120	13.4	4.6 7.0#
236	26.8	20.8 31.2





#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

Instrument :

BNA_E

ClientSampleId :

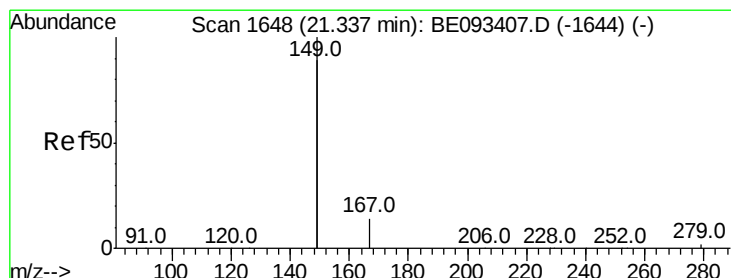
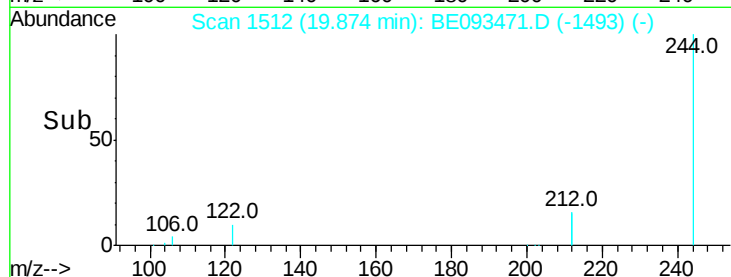
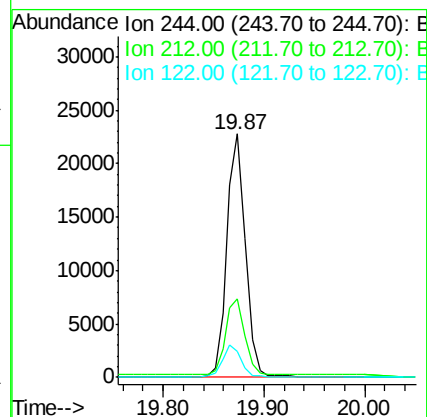
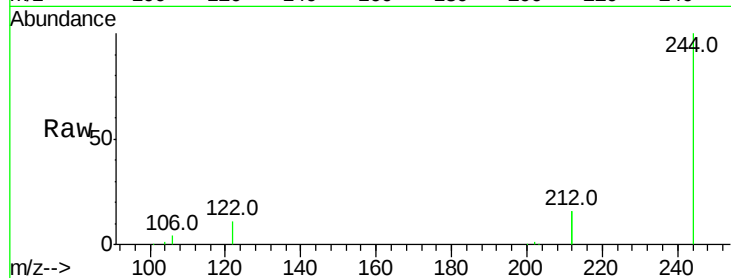
Tot Ion:244 Resp: 28833

Ion Ratio Lower Upper

244 100

212 32.3 10.6 16.0#

122 10.6 15.4 23.0#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.051 ng

RT: 21.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE093471.D

Acq: 14 Jul 2017 14:44

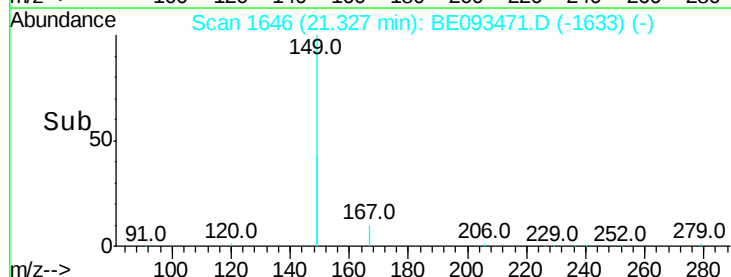
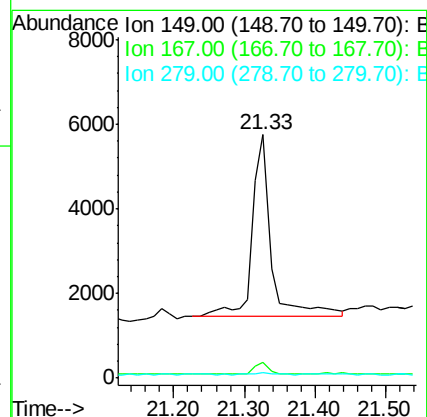
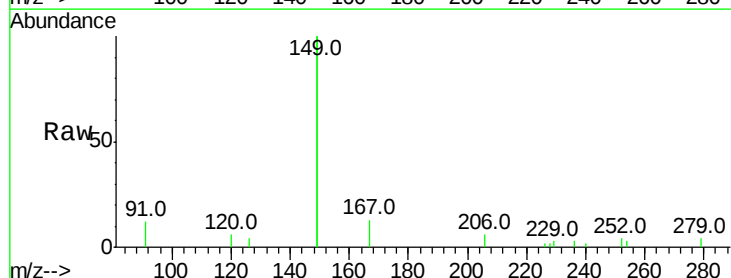
Tgt Ion:149 Resp: 7796

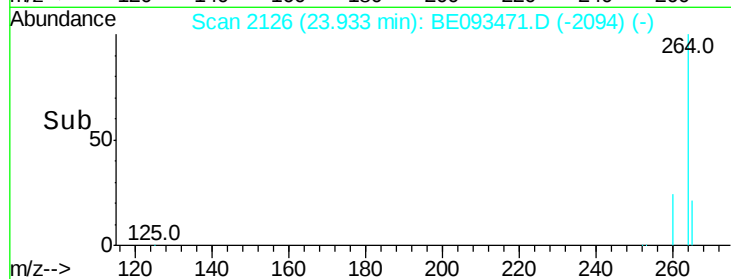
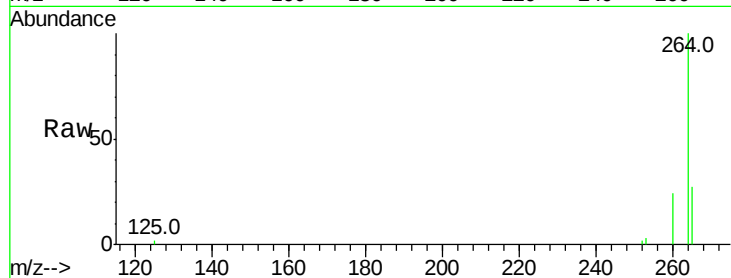
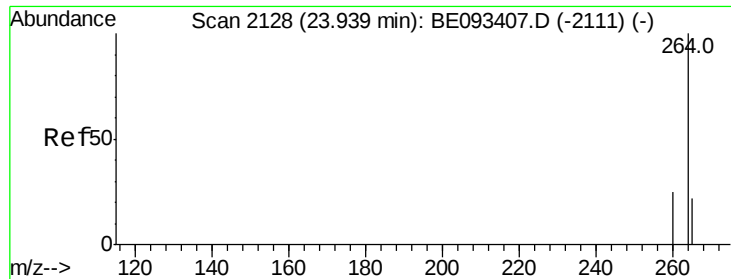
Ion Ratio Lower Upper

149 100

167 4.6 20.1 30.1#

279 0.9 2.2 3.4#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BE093471.D
 Acq: 14 Jul 2017 14:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	33685
Ion Ratio	Lower	Upper	
264	100		
260	24.4	21.0	31.4
265	27.0	24.6	36.8

