

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091317\
 Data File : BE093988.D
 Acq On : 13 Sep 2017 14:29
 Operator : SJ/JU
 Sample : I5189-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 14 00:53:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

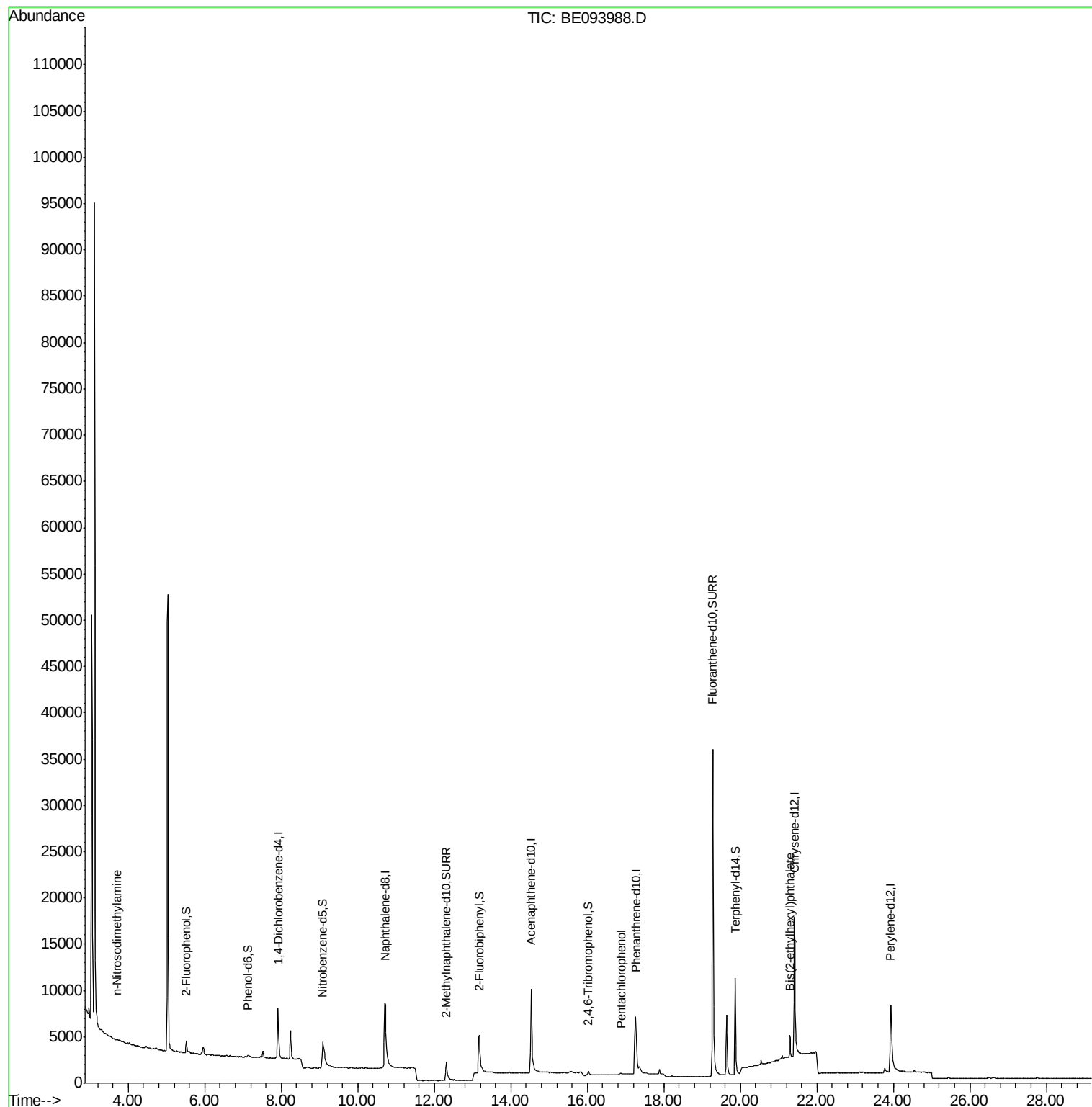
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3099	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	14898	0.40	ng	0.02
13) Acenaphthene-d10	14.52	164	8796	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	19589	0.40	ng	0.00
27) Chrysene-d12	21.42	240	22000	0.40	ng	-0.01
34) Perylene-d12	23.93	264	16355	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	950	0.09	ng	-0.01
5) Phenol-d6	7.13	99	709	0.05	ng	0.01
8) Nitrobenzene-d5	9.08	82	2867	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5591	0.23	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	569	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8083	0.23	ng	0.02
25) Fluoranthene-d10	19.28	212	61184	0.21	ng	0.00
29) Terphenyl-d14	19.87	244	12211	0.30	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.70	42	129	0.026	ng	# 3
20) 4-Bromophenyl-phenylether	16.45	248	45	Below Cal	#	45
22) Pentachlorophenol	16.88	266	366	0.118	ng	# 65
23) Phenanthrene	17.30	178	395	Below Cal	#	76
32) Bis(2-ethylhexyl)phthalate	21.29	149	3593	0.022	ng	# 99

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

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QLast Update : Tue Sep 05 13:34:56 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

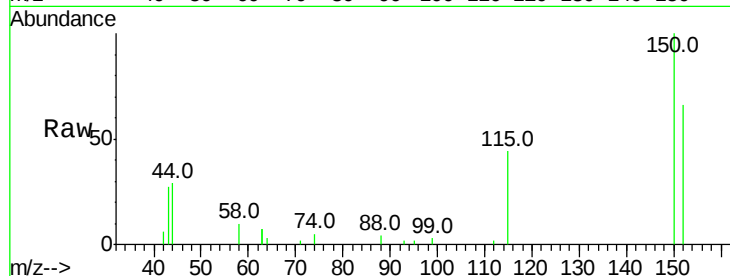
Tot Ion:152 Resp: 3099

Ion Ratio Lower Upper

152 100

150 150.6 121.8 182.6

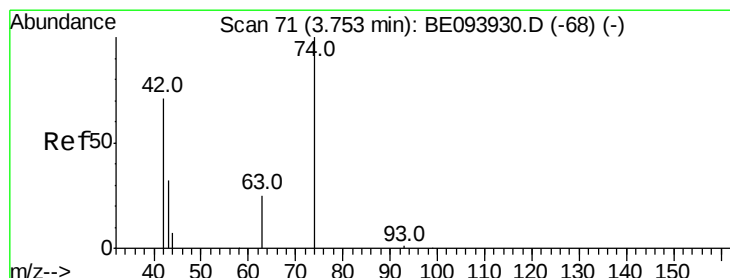
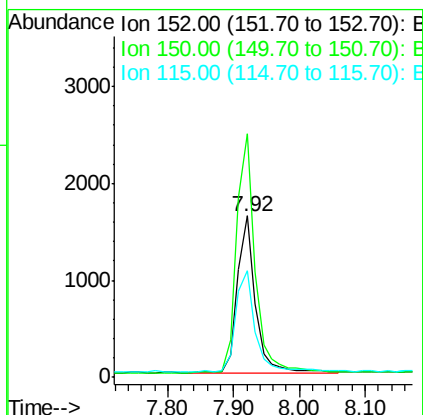
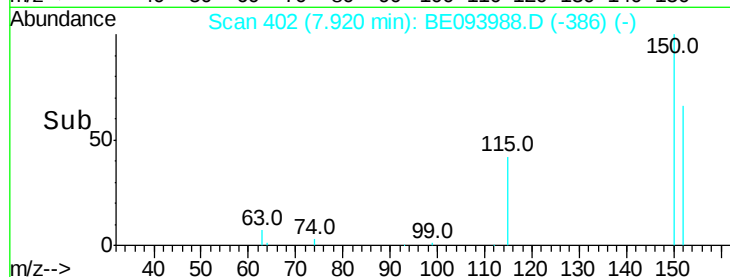
115 65.9 52.6 79.0



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: 0.026 ng

RT: 3.70 min Scan# 67

Delta R.T. -0.05 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

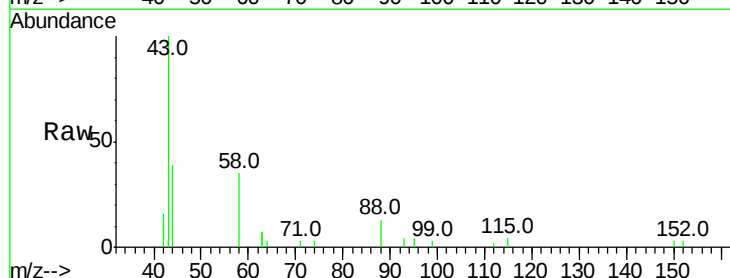
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

42 100

74 8.5 104.0 156.0#

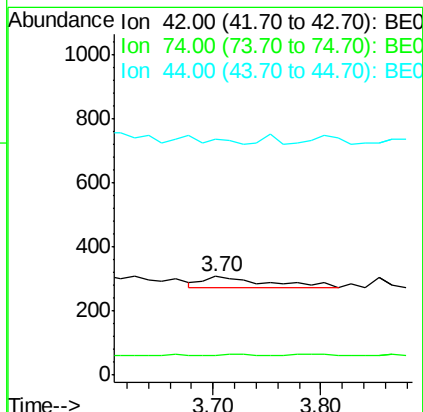
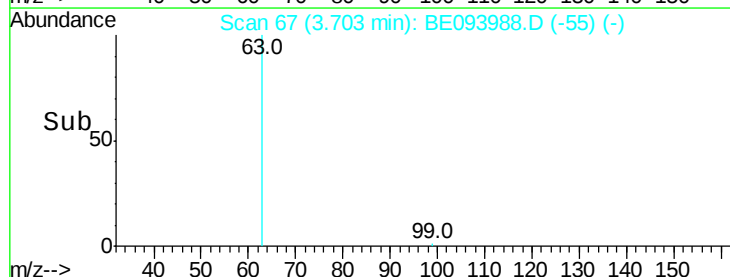
44 0.0 13.8 20.8#

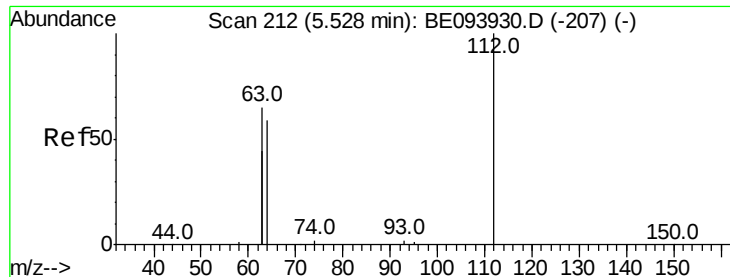


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampled :

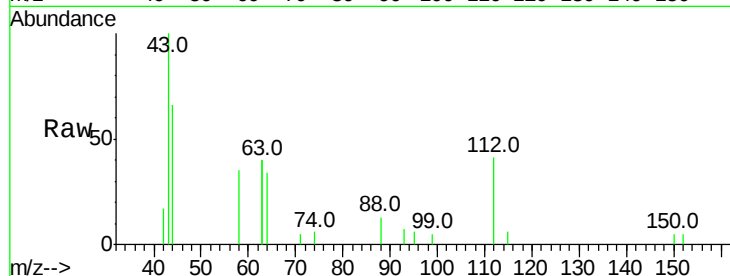
Tot Ion: 112 Resp: 950

Ion Ratio Lower Upper

112 100

64 76.1 57.7 86.5

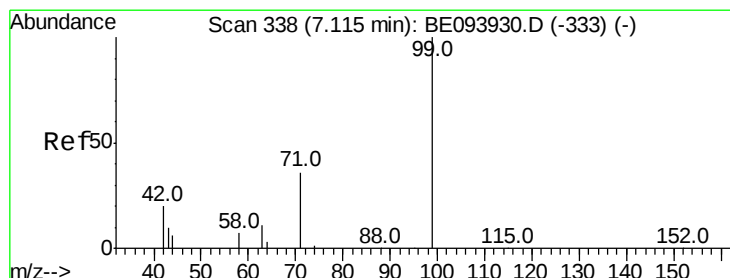
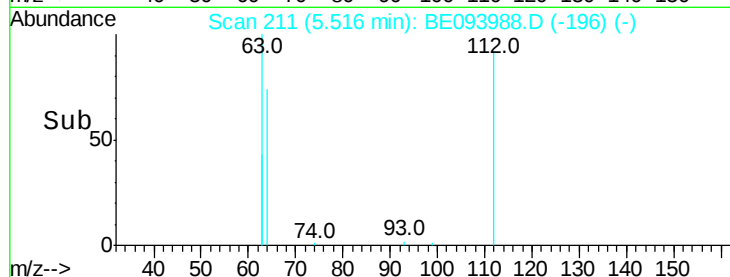
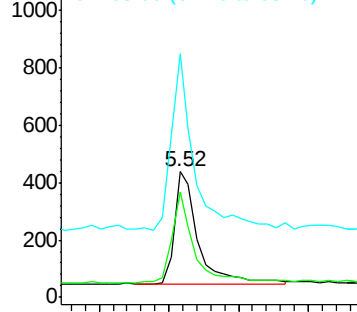
63 144.8 116.0 174.0



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: 0.047 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

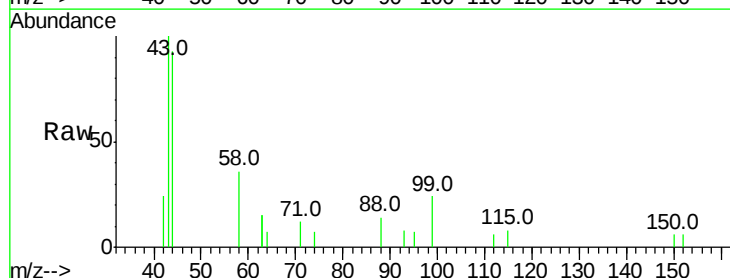
Tgt Ion: 99 Resp: 709

Ion Ratio Lower Upper

99 100

42 25.4 17.1 25.7

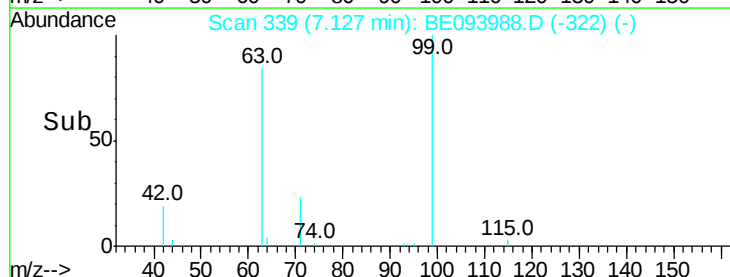
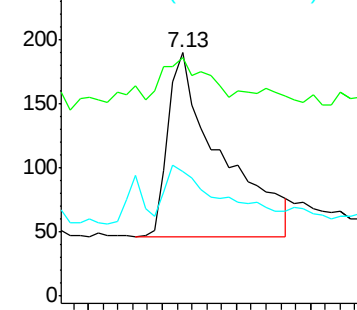
71 25.5 26.6 39.8#

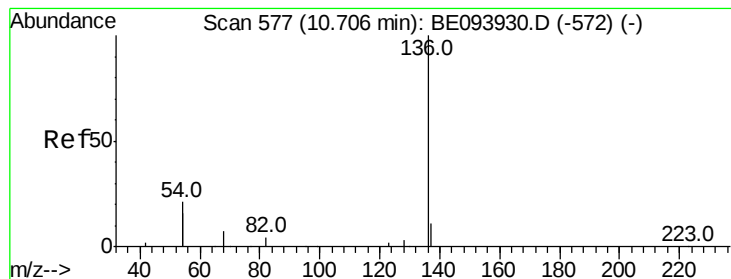


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. 0.02 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14898

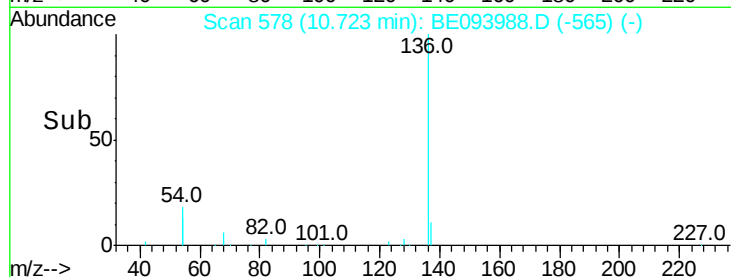
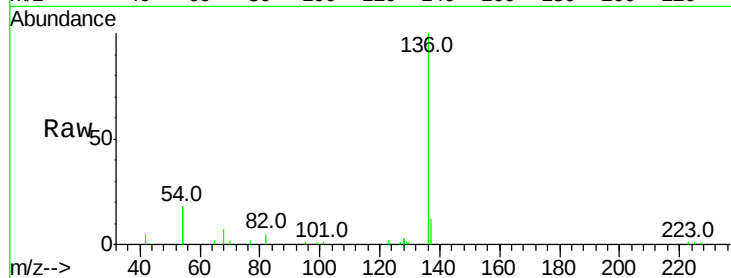
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 36.3 21.9 32.9#

68 6.9 4.6 7.0

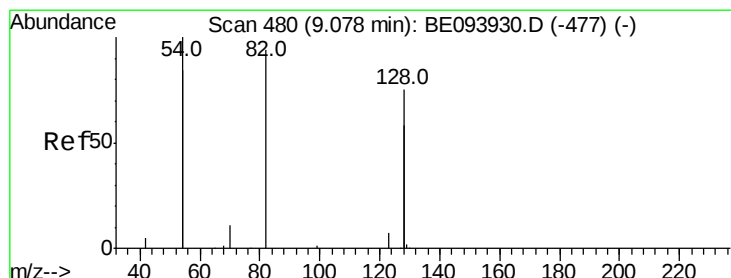
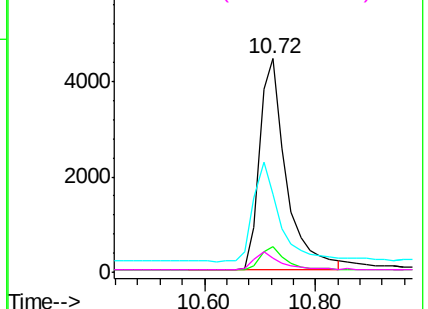


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.227 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

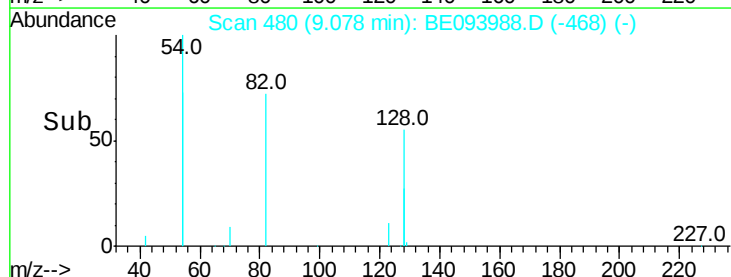
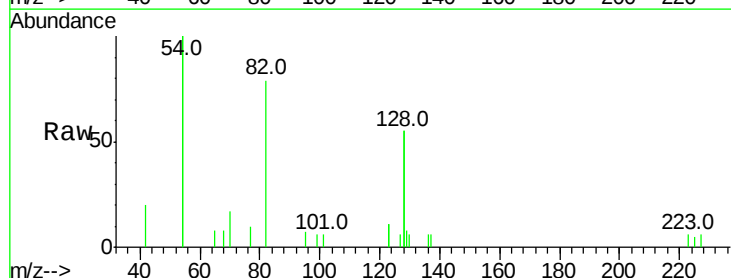
Tgt Ion: 82 Resp: 2867

Ion Ratio Lower Upper

82 100

128 138.6 91.4 137.0#

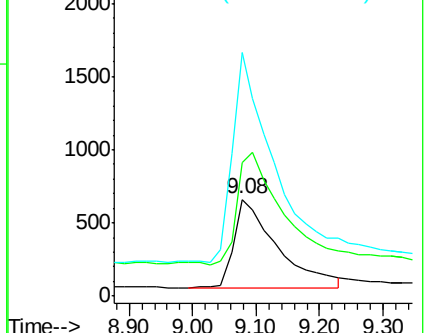
54 251.7 197.8 296.8

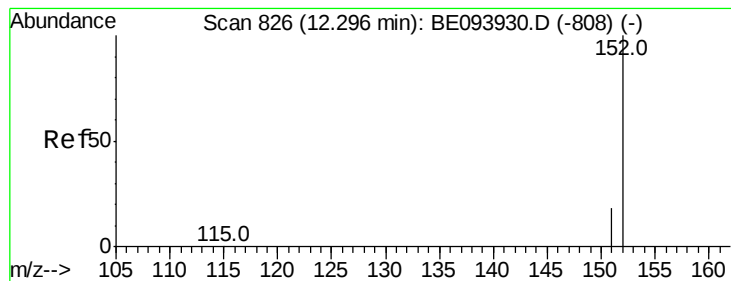


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.235 ng

RT: 12.31 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

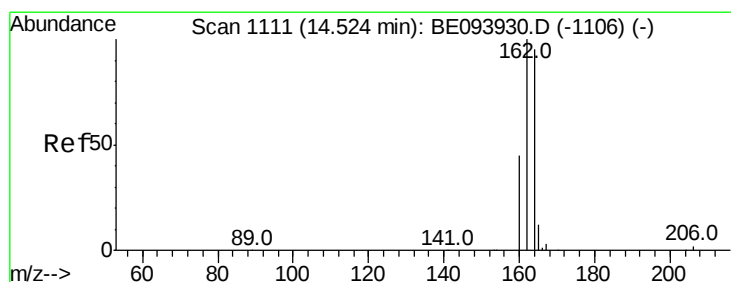
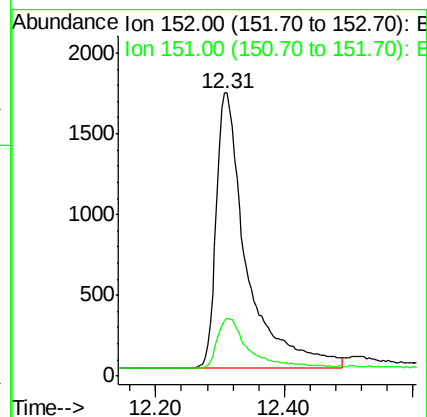
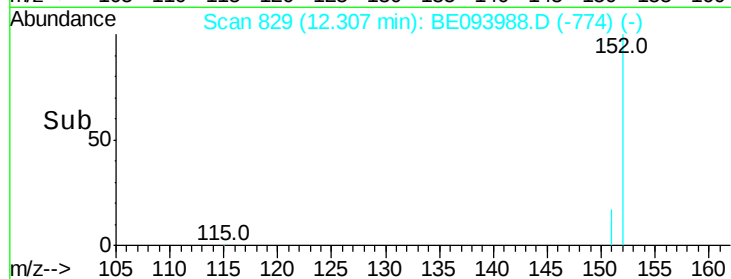
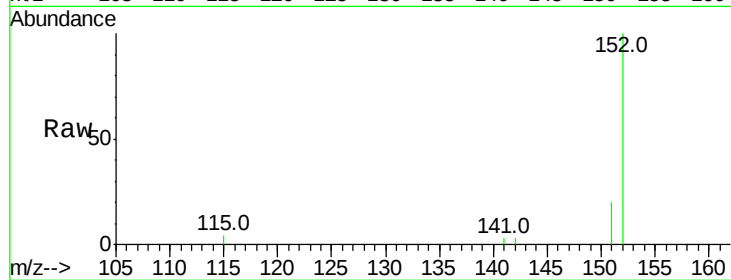
ClientSampleId :

Tot Ion:152 Resp: 5591

Ion Ratio Lower Upper

152 100

151 17.5 15.4 23.0



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

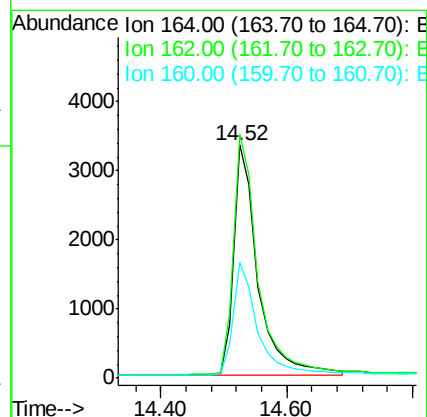
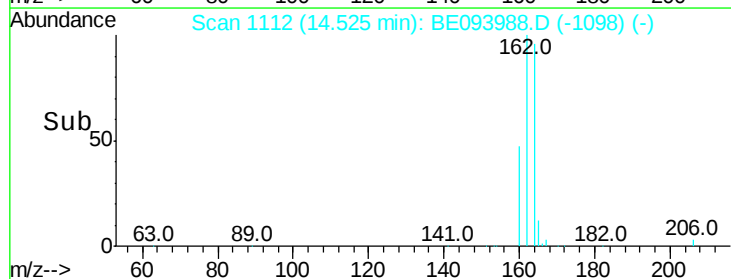
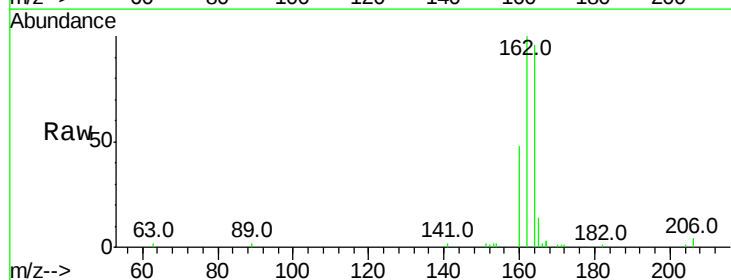
Tgt Ion:164 Resp: 8796

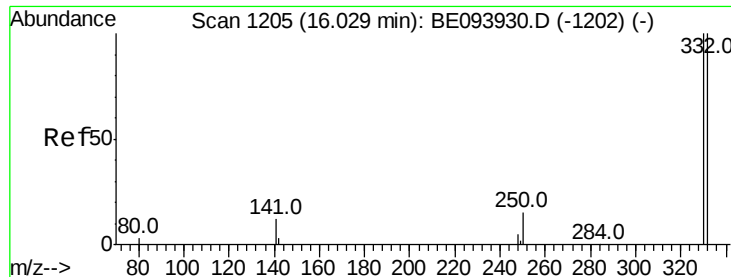
Ion Ratio Lower Upper

164 100

162 104.5 80.8 121.2

160 49.7 37.0 55.4

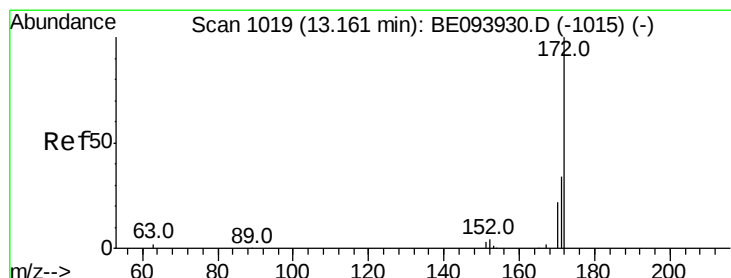
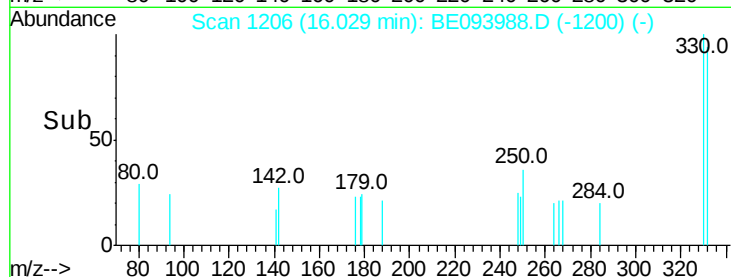
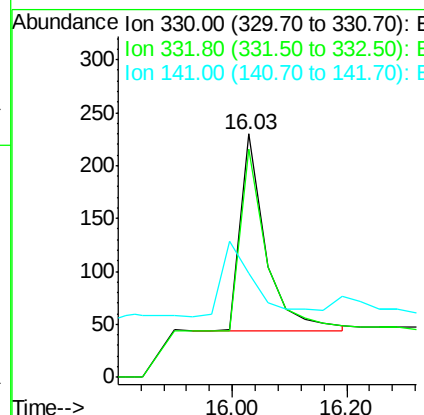
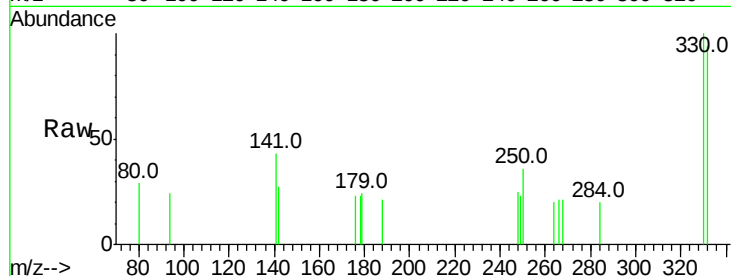




#14
 2,4,6-Tribromophenol
 Concen: 0.209 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093988.D
 Acq: 13 Sep 2017 14:29

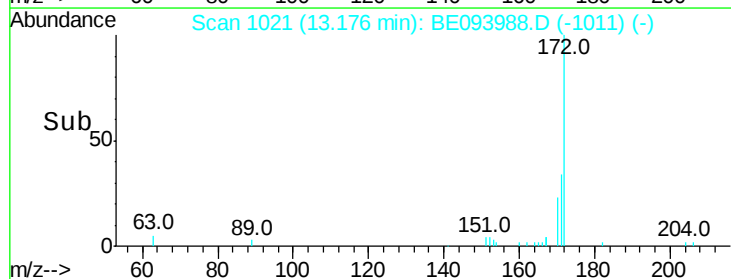
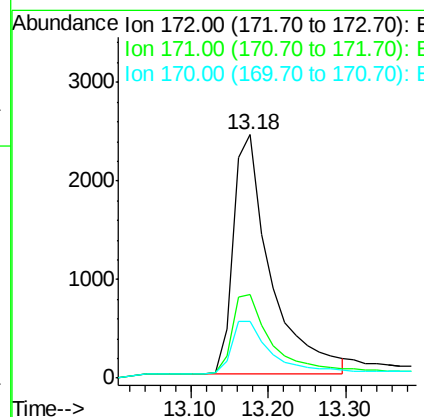
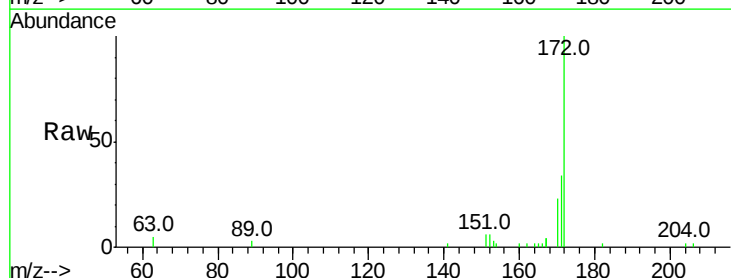
Instrument :
 BNA_E
 ClientSampleId :

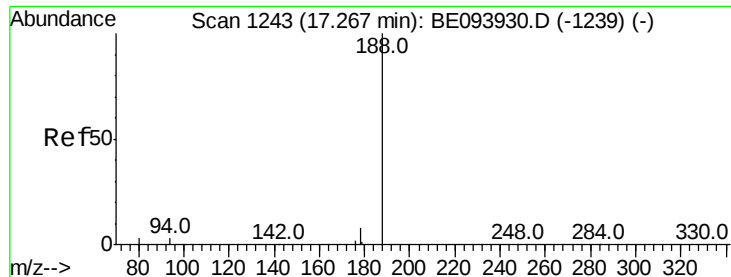
Tot Ion:330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.9 115.3
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 0.232 ng
 RT: 13.18 min Scan# 1021
 Delta R.T. 0.02 min
 Lab File: BE093988.D
 Acq: 13 Sep 2017 14:29

Tgt Ion:172 Resp: 8083
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.9 40.3
 170 23.3 17.3 25.9

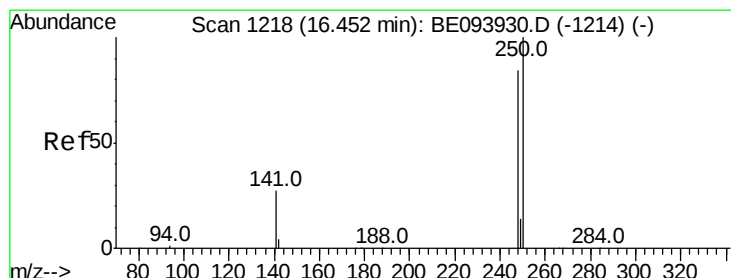
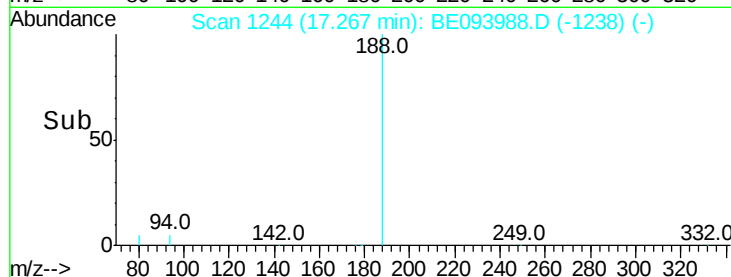
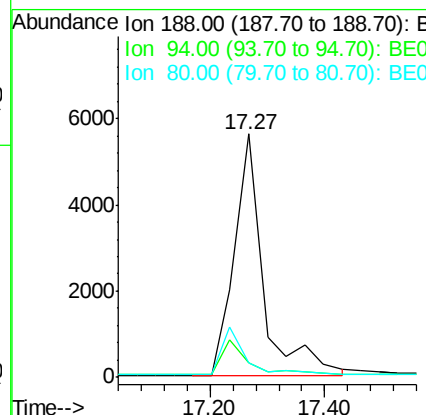
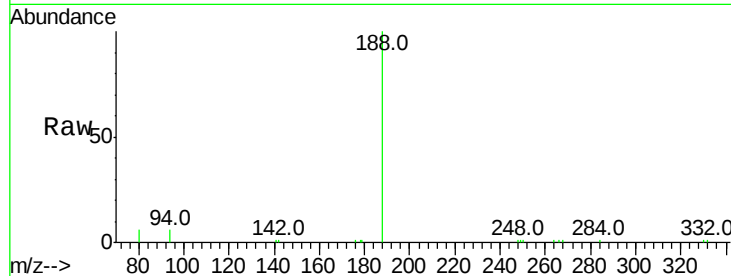




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093988.D
Acq: 13 Sep 2017 14:29

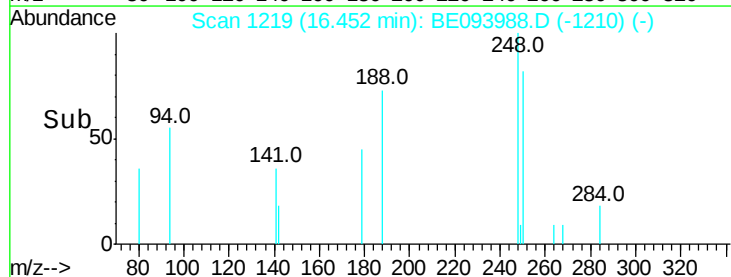
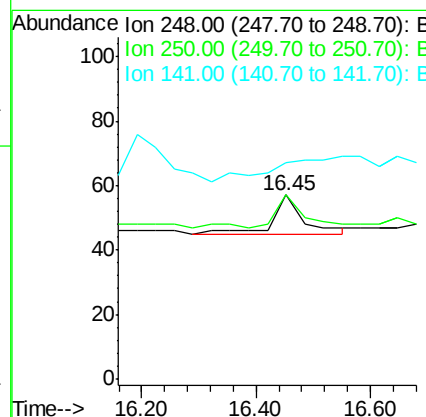
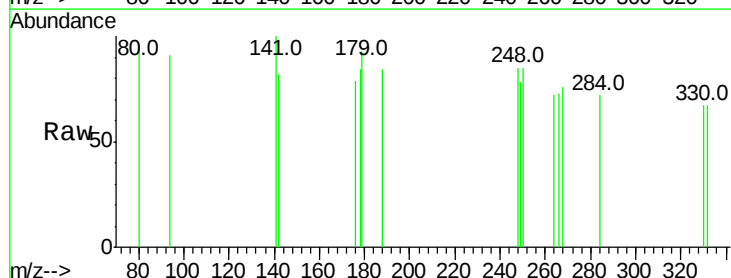
Instrument :
BNA_E
ClientSampleId :

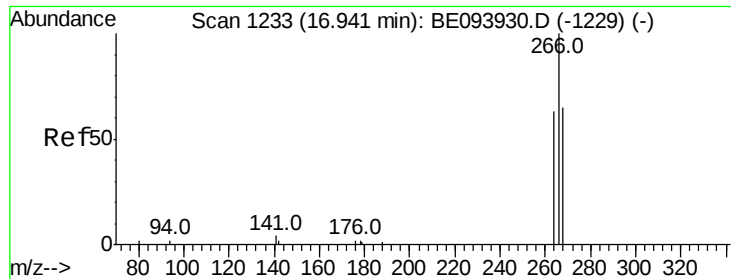
Tot Ion:188 Resp: 19589
Ion Ratio Lower Upper
188 100
94 5.8 16.1 24.1#
80 6.0 18.2 27.2#



#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093988.D
Acq: 13 Sep 2017 14:29

Tgt Ion:248 Resp: 45
Ion Ratio Lower Upper
248 100
250 100.0 111.8 167.8#
141 117.5 27.1 40.7#





#22

Pentachlorophenol

Concen: 0.118 ng

RT: 16.88 min Scan# 1232

Delta R.T. -0.07 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

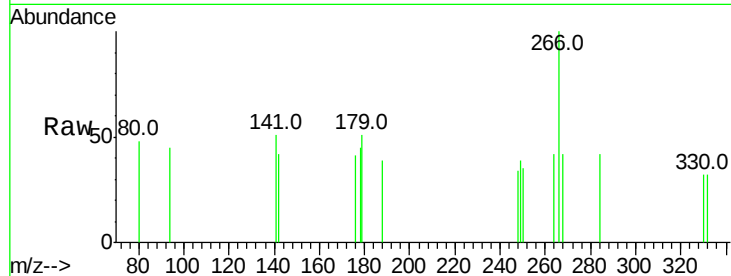
Tot Ion:266 Resp: 366

Ion Ratio Lower Upper

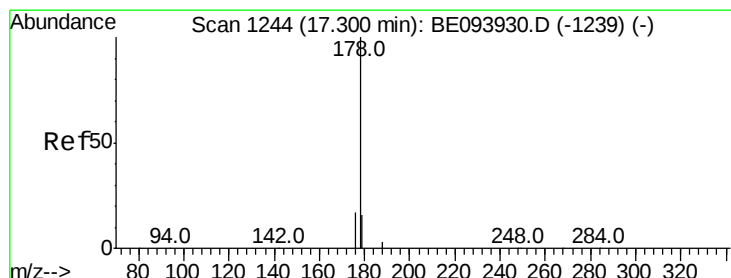
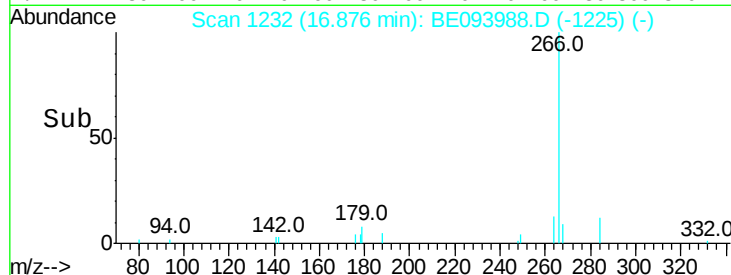
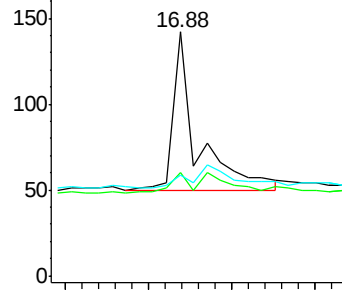
266 100

264 42.3 53.5 80.3#

268 41.5 60.0 90.0#



Abundance Ion 266.00 (265.70 to 266.70): E



#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

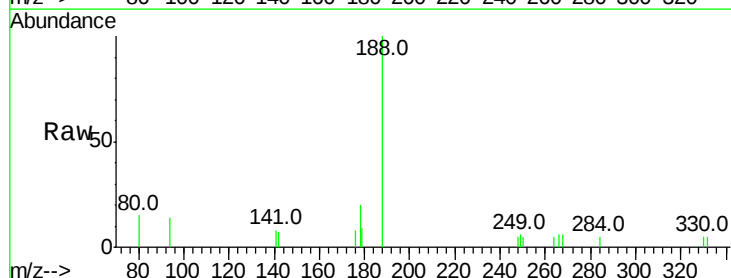
Tgt Ion:178 Resp: 395

Ion Ratio Lower Upper

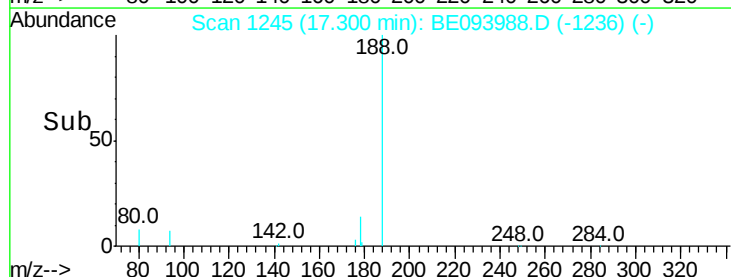
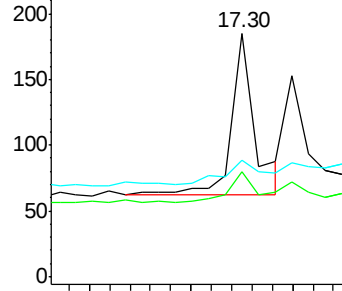
178 100

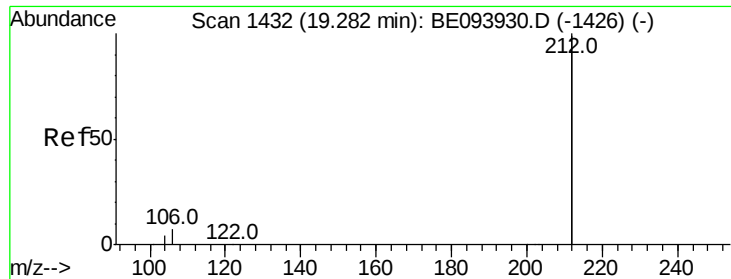
176 23.8 0.0 0.0#

179 25.8 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E





#25

Fluoranthene-d10

Concen: 0.210 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

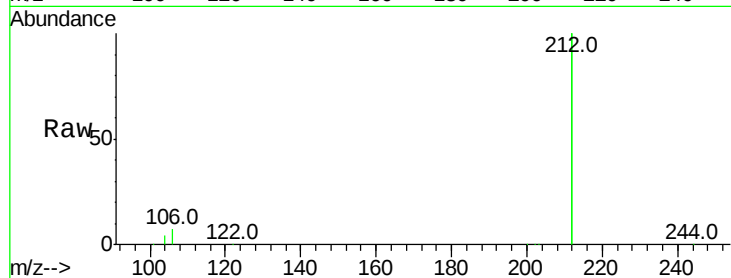
Tot Ion:212 Resp: 61184

Ion Ratio Lower Upper

212 100

106 3.4 2.7 4.1

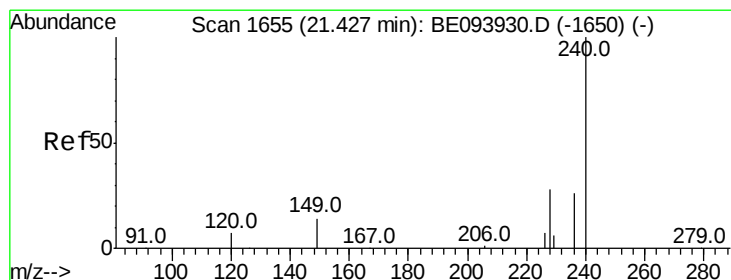
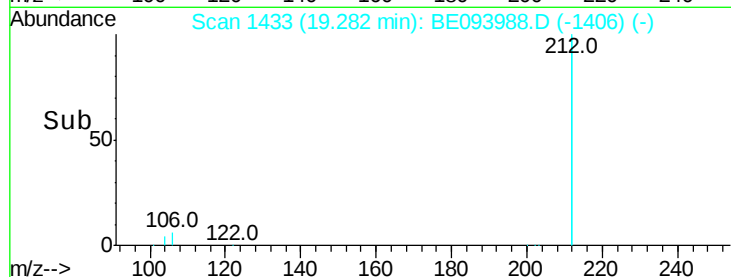
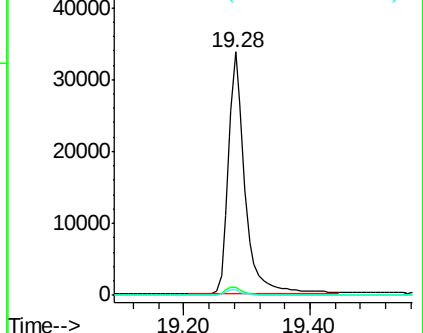
104 1.9 1.6 2.4



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: BE093988.D

Acq: 13 Sep 2017 14:29

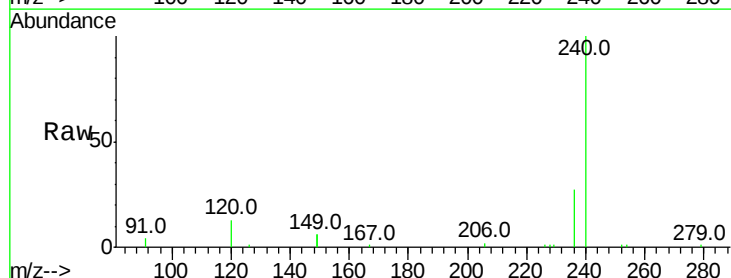
Tgt Ion:240 Resp: 22000

Ion Ratio Lower Upper

240 100

120 13.1 8.7 13.1#

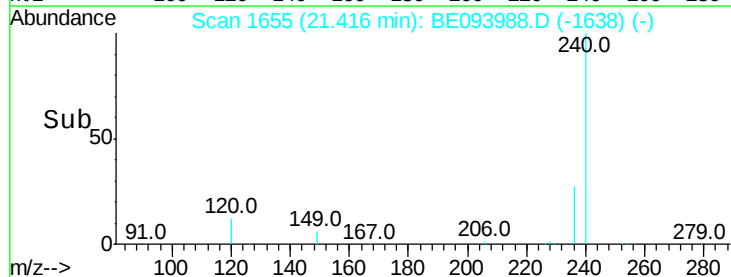
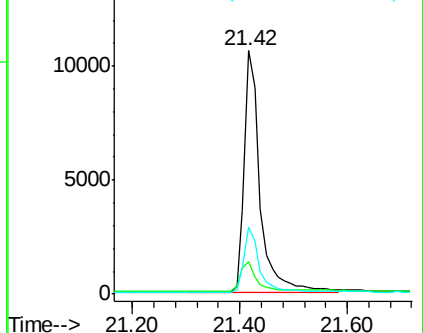
236 27.4 21.3 31.9

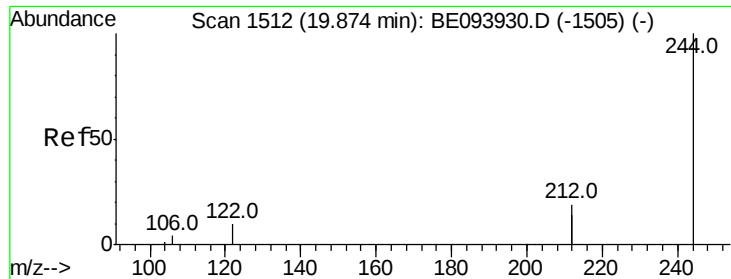


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.302 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093988.D

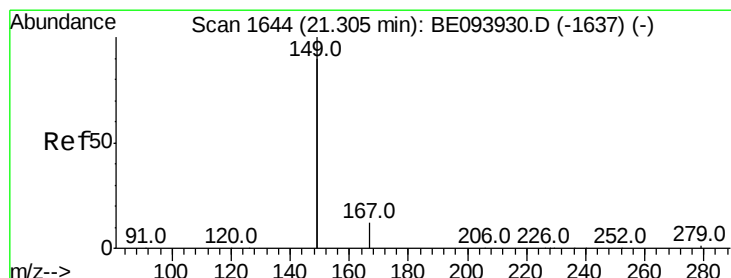
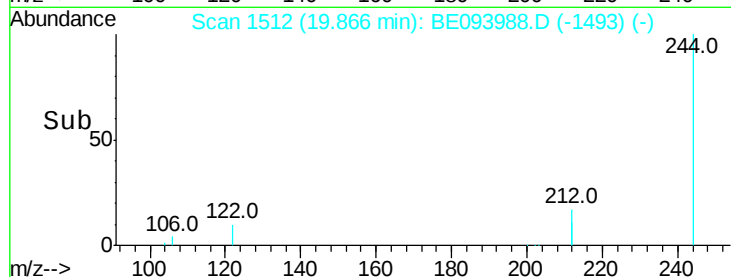
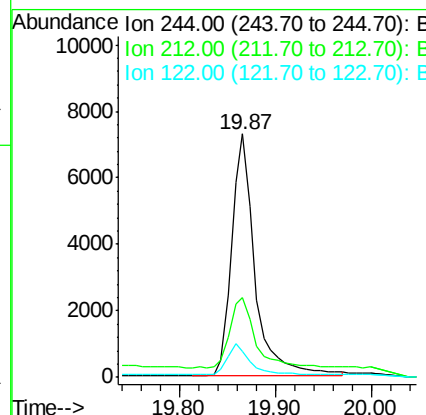
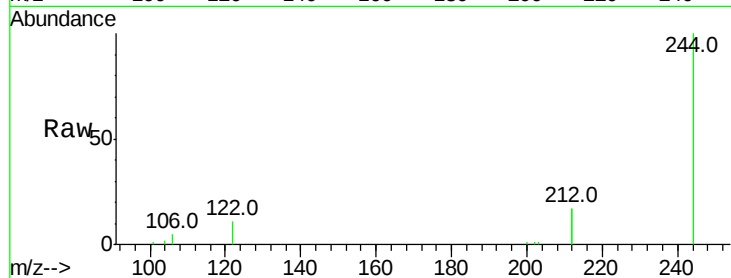
Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	244	Resp:	12211
Ion	Ratio	Lower	Upper
244	100		
212	33.0	28.3	42.5
122	10.8	9.4	14.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.022 ng

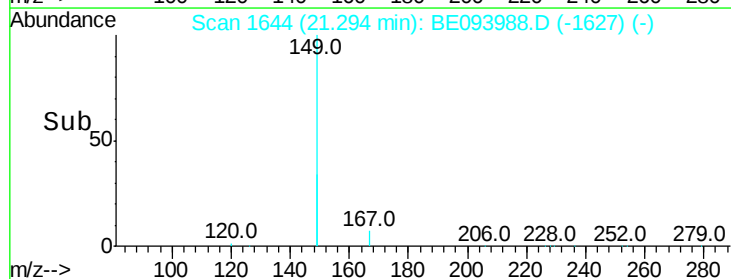
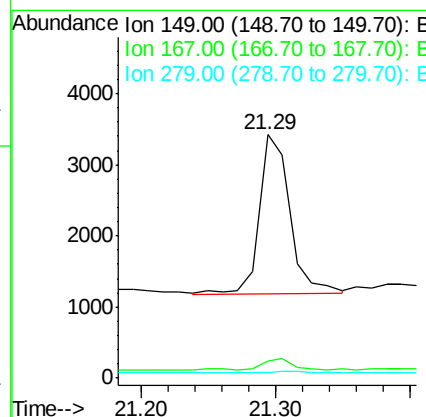
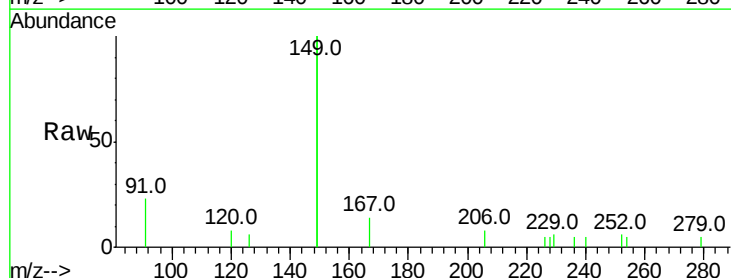
RT: 21.29 min Scan# 1644

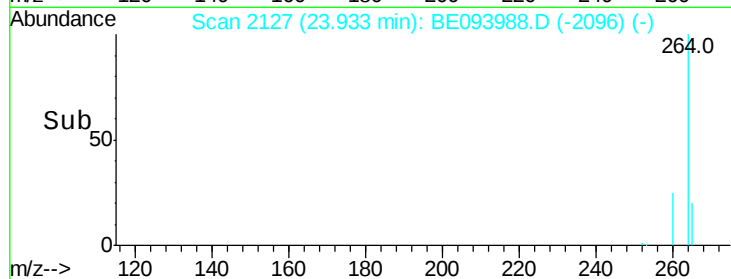
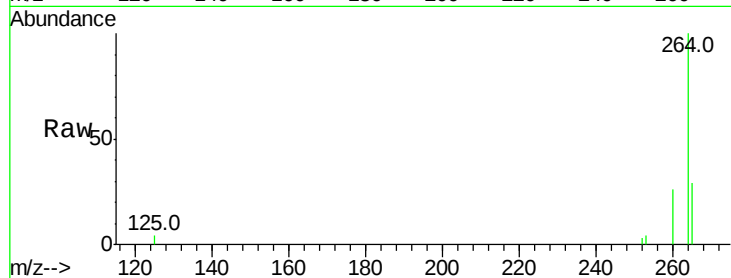
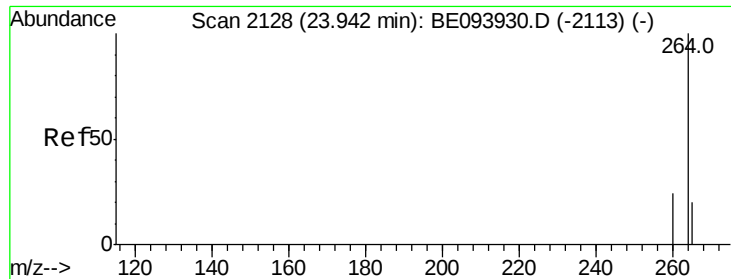
Delta R.T. -0.01 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Tgt Ion:	149	Resp:	3593
Ion	Ratio	Lower	Upper
149	100		
167	7.2	5.4	8.0
279	1.5	0.7	1.1#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE093988.D

Acq: 13 Sep 2017 14:29

Instrument :

BNA_E

ClientSampleId :

Tot Ion:264 Resp: 16355

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 29.1 24.0 36.0

