

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091417\
 Data File : BE094009.D
 Acq On : 14 Sep 2017 17:14
 Operator : SJ/JU
 Sample : I5189-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-01-090817

Quant Time: Sep 15 00:51:59 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

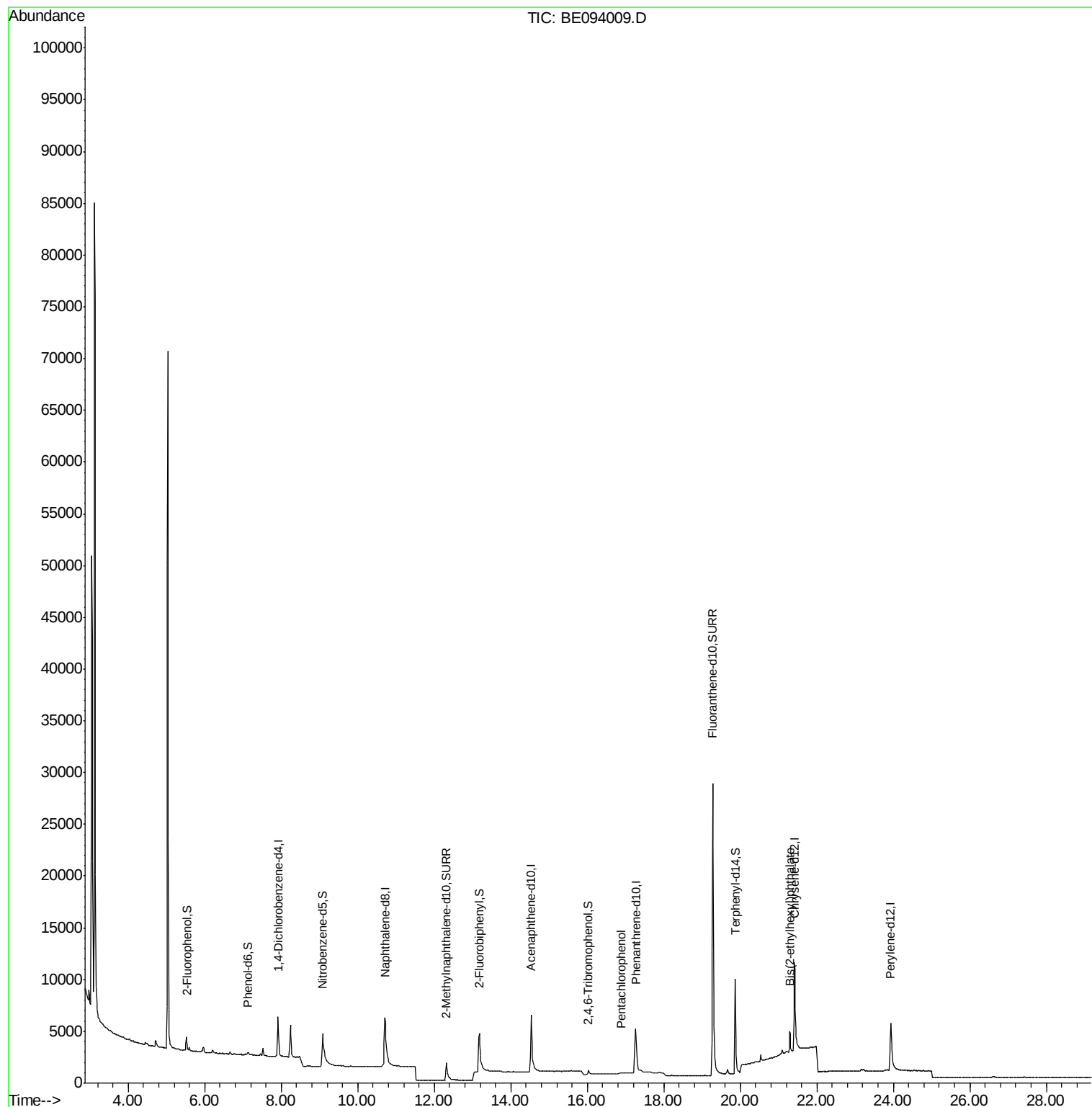
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2156	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	10216	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	5995	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	12444	0.40	ng	0.00
27) Chrysene-d12	21.42	240	13871	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10889	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	930	0.13	ng	0.00
5) Phenol-d6	7.11	99	659	0.06	ng	0.00
8) Nitrobenzene-d5	9.08	82	2784	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5157	0.32	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	534	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	7941	0.33	ng	0.02
25) Fluoranthene-d10	19.28	212	54673	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	11581	0.45	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	55	Below Cal	#	46
22) Pentachlorophenol	16.88	266	143	0.072 ng	#	85
23) Phenanthrene	17.30	178	512	Below Cal	#	77
32) Bis(2-ethylhexyl)phthalate	21.29	149	3068	0.030 ng	#	97

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

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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: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

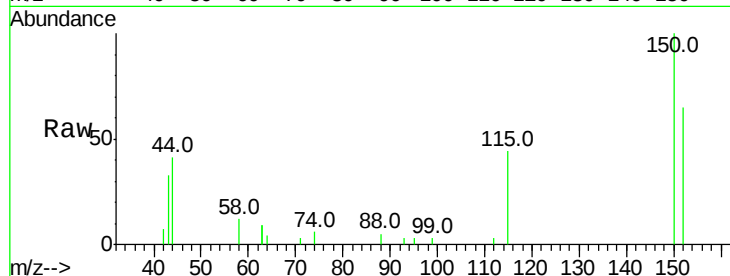
Tot Ion:152 Resp: 2156

Ion Ratio Lower Upper

152 100

150 154.6 121.8 182.6

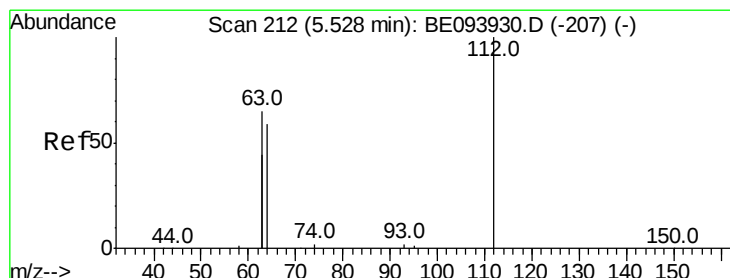
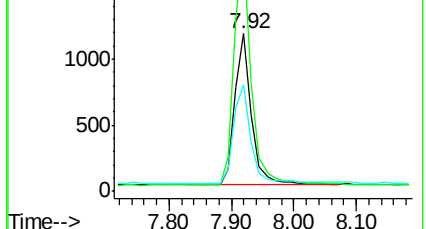
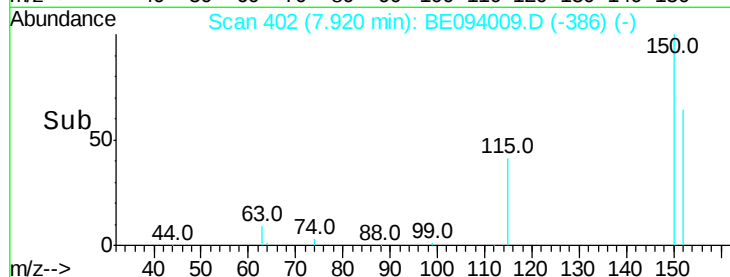
115 67.4 52.6 79.0



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



#4

2-Fluorophenol

Concen: 0.133 ng

RT: 5.53 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

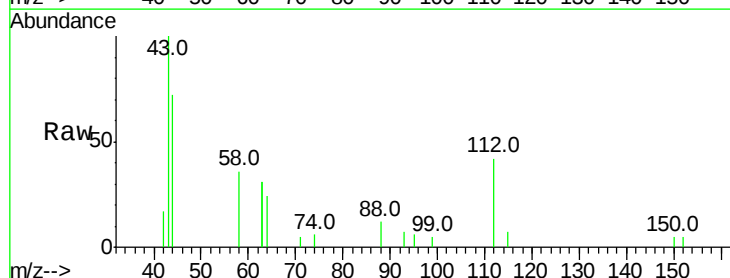
Tgt Ion:112 Resp: 930

Ion Ratio Lower Upper

112 100

64 69.0 57.7 86.5

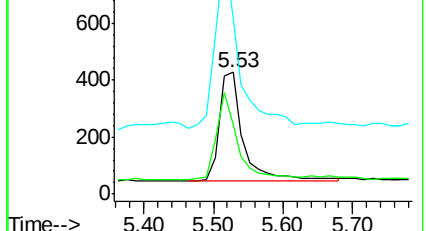
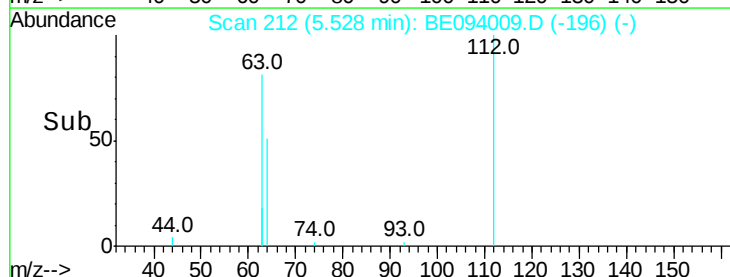
63 150.8 116.0 174.0

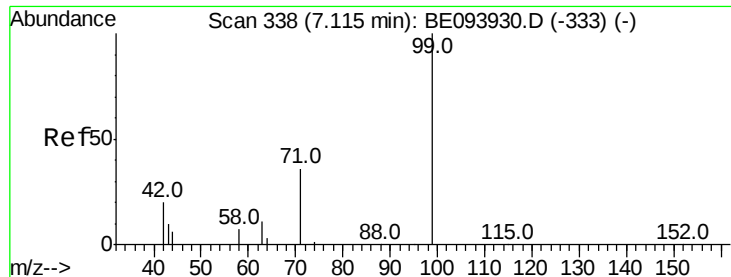


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.063 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

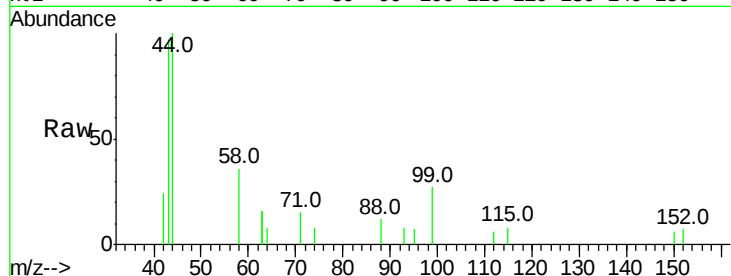
Tot Ion: 99 Resp: 659

Ion Ratio Lower Upper

99 100

42 14.6 17.1 25.7#

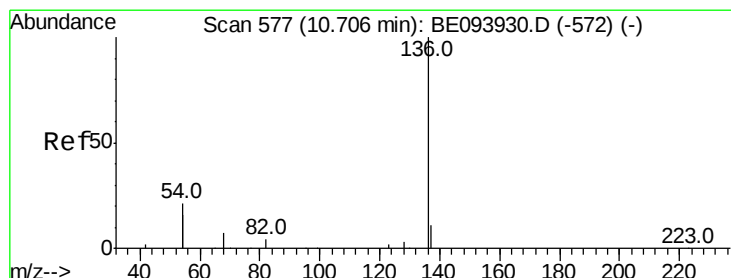
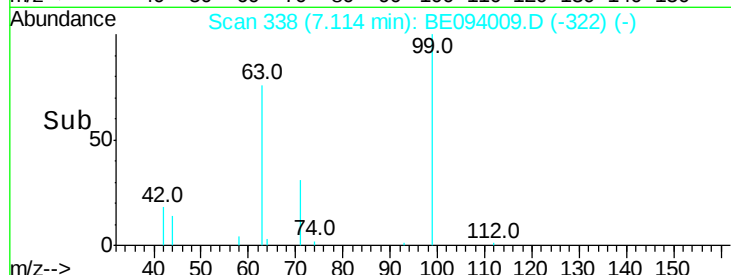
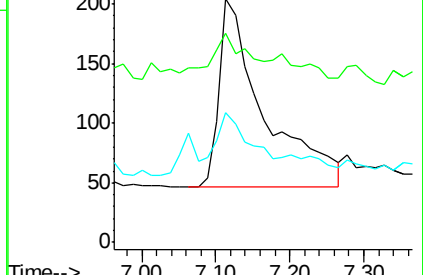
71 17.9 26.6 39.8#



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: BE094009.D

Acq: 14 Sep 2017 17:14

Tgt Ion: 136 Resp: 10216

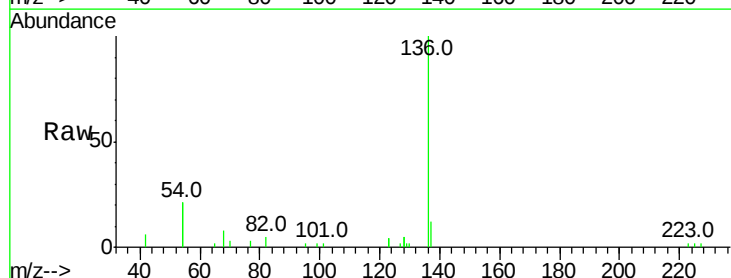
Ion Ratio Lower Upper

136 100

137 11.9 9.2 13.8

54 41.9 21.9 32.9#

68 8.1 4.6 7.0#

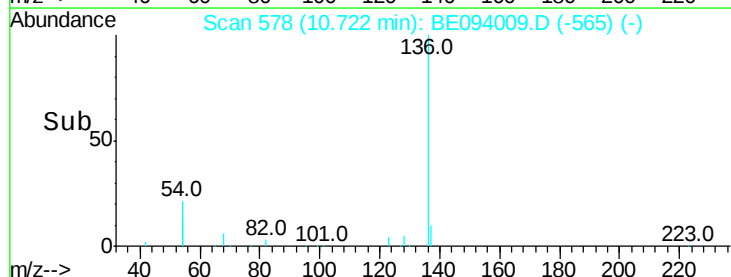
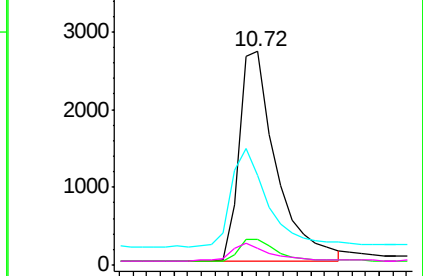


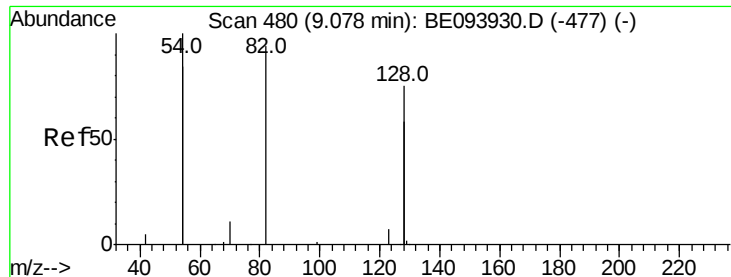
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

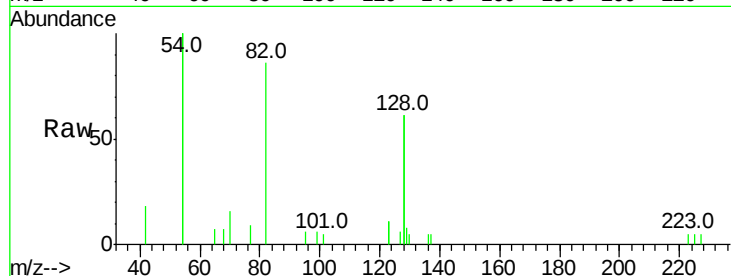
Tot Ion: 82 Resp: 2784

Ion Ratio Lower Upper

82 100

128 142.0 91.4 137.0#

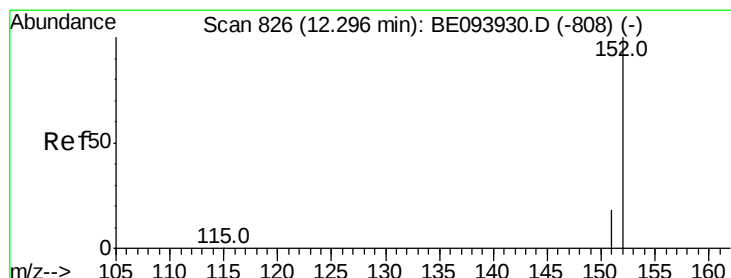
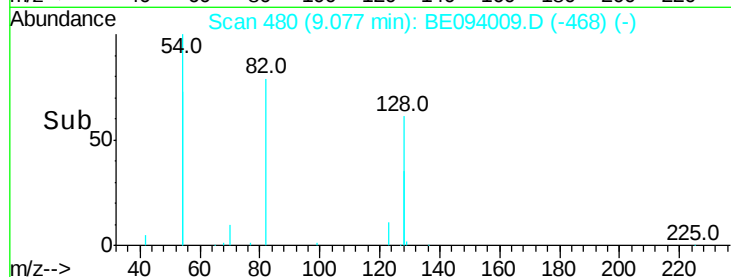
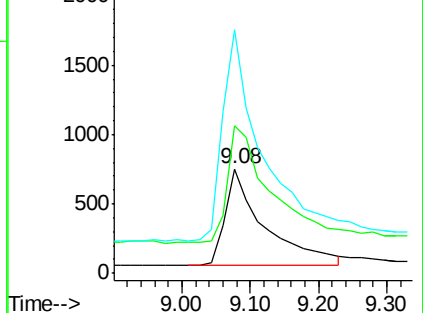
54 233.2 197.8 296.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.315 ng

RT: 12.31 min Scan# 830

Delta R.T. 0.01 min

Lab File: BE094009.D

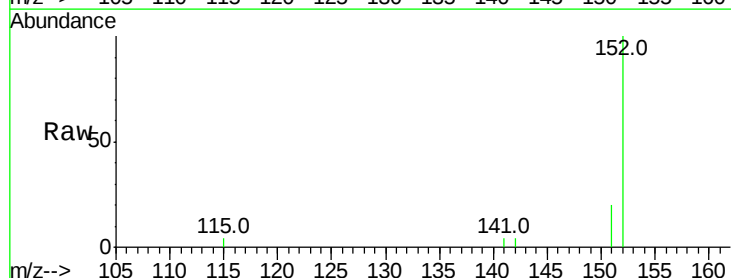
Acq: 14 Sep 2017 17:14

Tgt Ion: 152 Resp: 5157

Ion Ratio Lower Upper

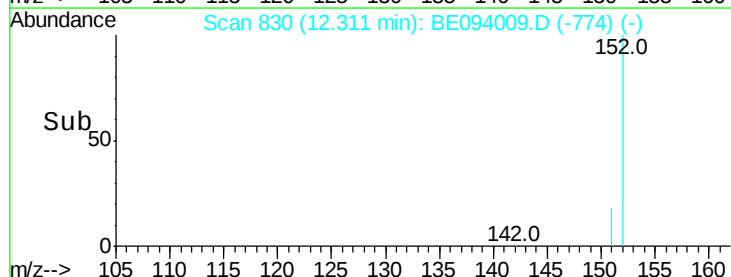
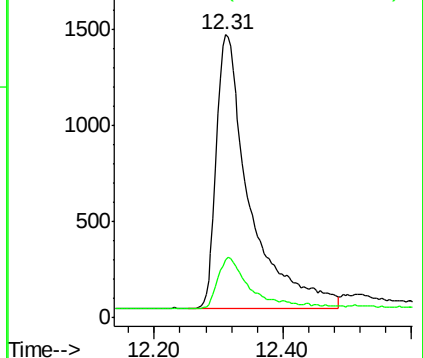
152 100

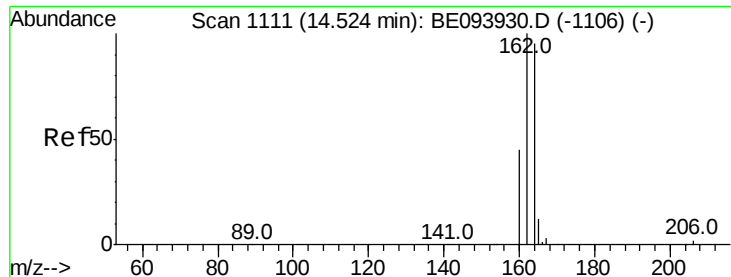
151 17.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

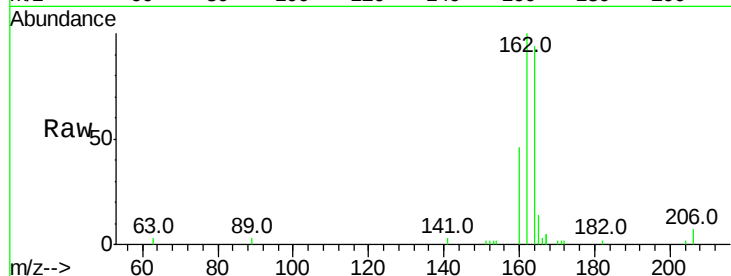
Tot Ion:164 Resp: 5995

Ion Ratio Lower Upper

164 100

162 106.5 80.8 121.2

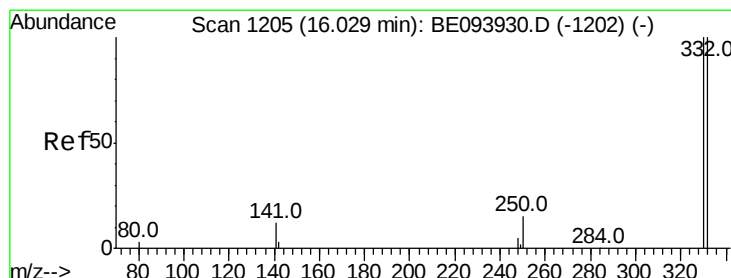
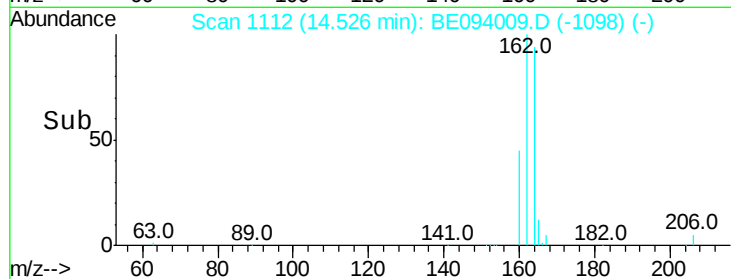
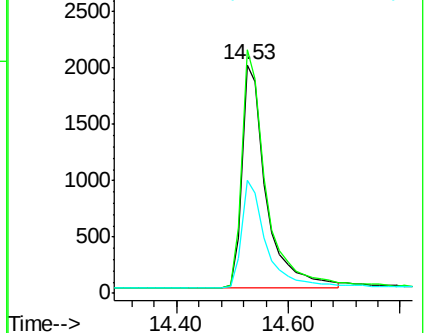
160 49.2 37.0 55.4



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: 0.288 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

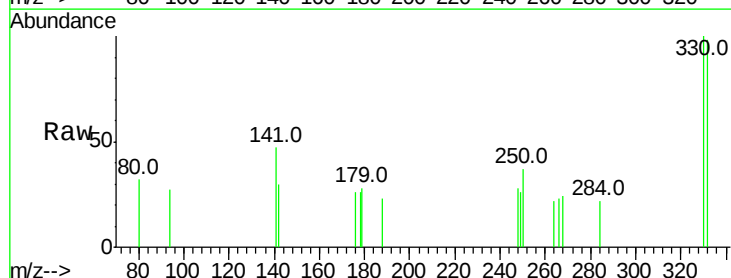
Tgt Ion:330 Resp: 534

Ion Ratio Lower Upper

330 100

332 103.0 76.9 115.3

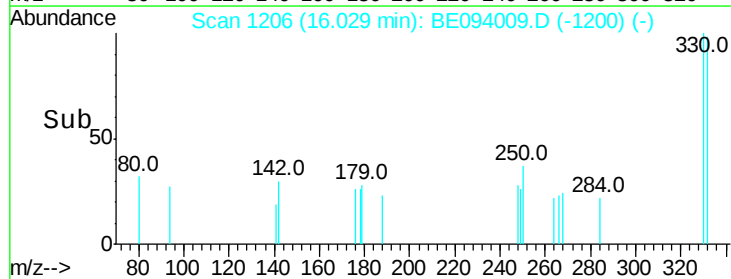
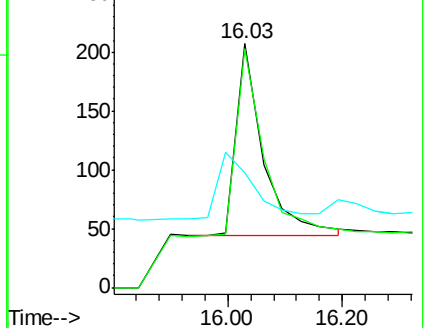
141 0.0 0.0 0.0

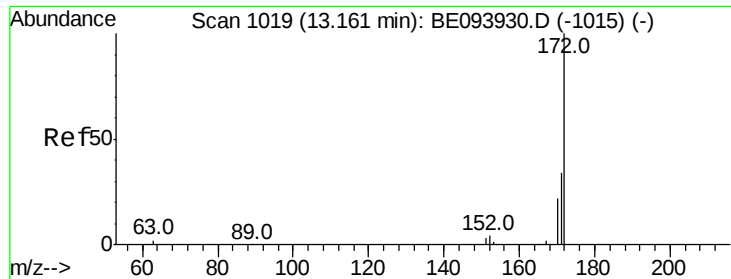


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

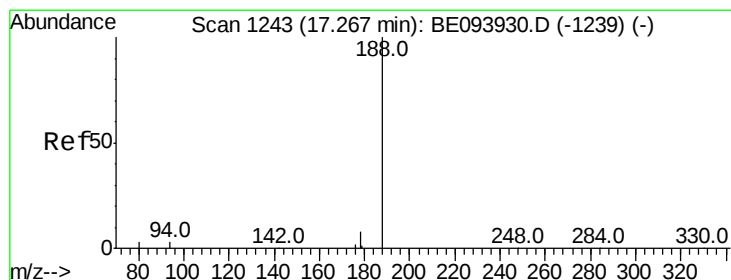
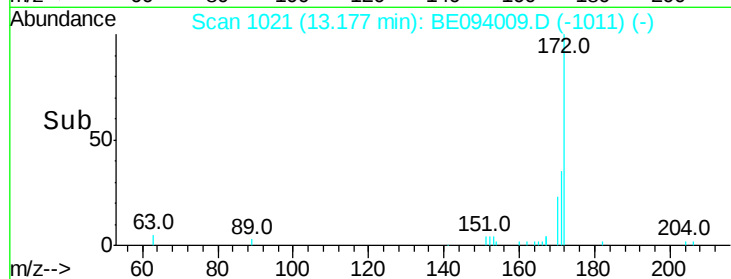
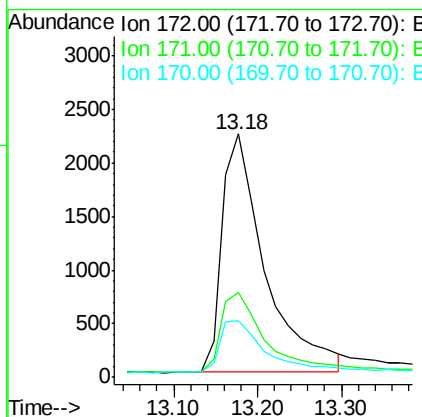
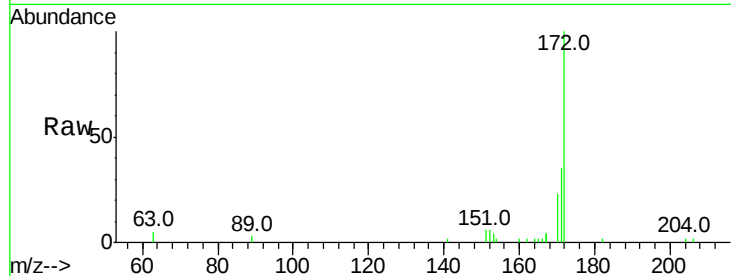




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094009.D
Acq: 14 Sep 2017 17:14

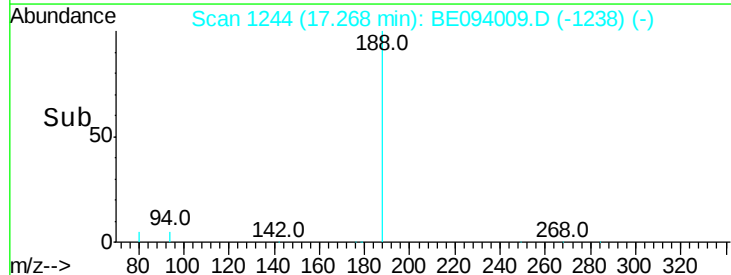
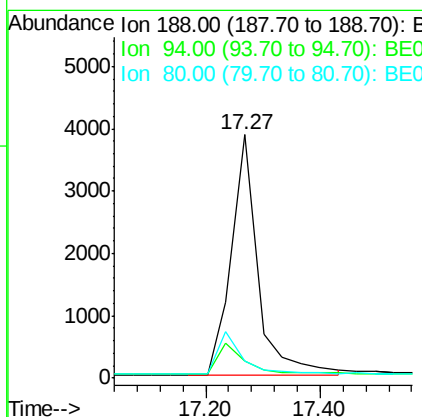
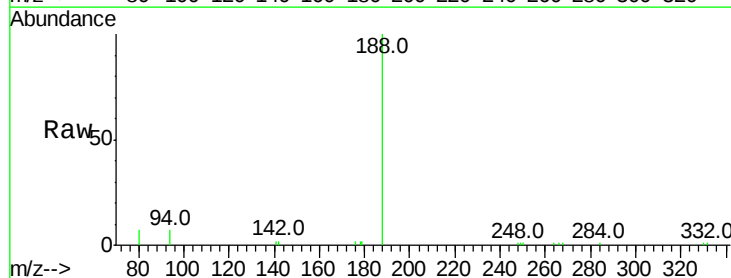
Instrument :
BNA_E
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DUP-01-090817

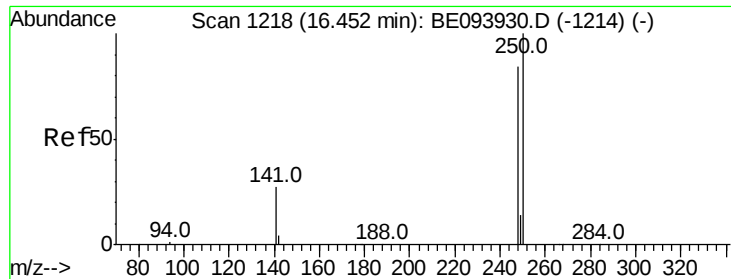
Tot Ion:172 Resp: 7941
Ion Ratio Lower Upper
172 100
171 35.1 26.9 40.3
170 23.3 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094009.D
Acq: 14 Sep 2017 17:14

Tgt Ion:188 Resp: 12444
Ion Ratio Lower Upper
188 100
94 6.8 16.1 24.1#
80 7.0 18.2 27.2#

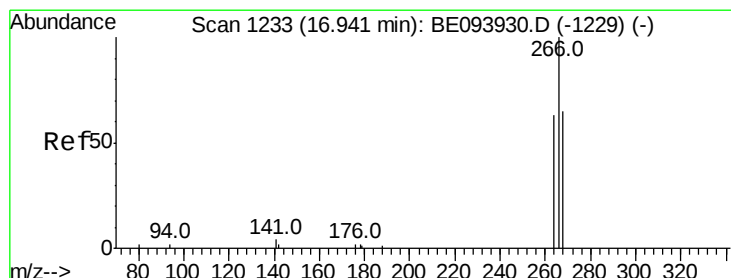
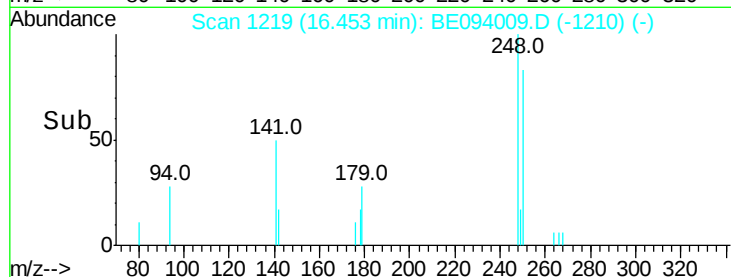
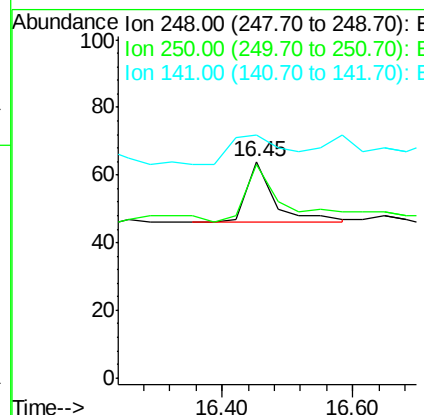
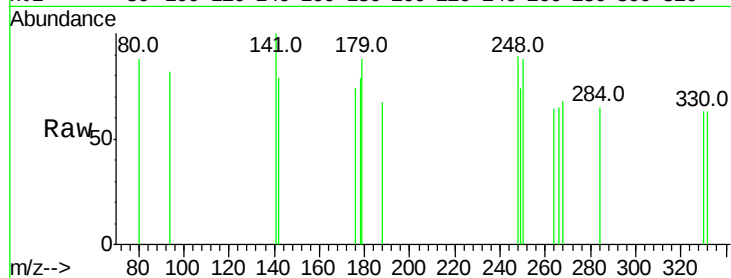




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE094009.D
Acq: 14 Sep 2017 17:14

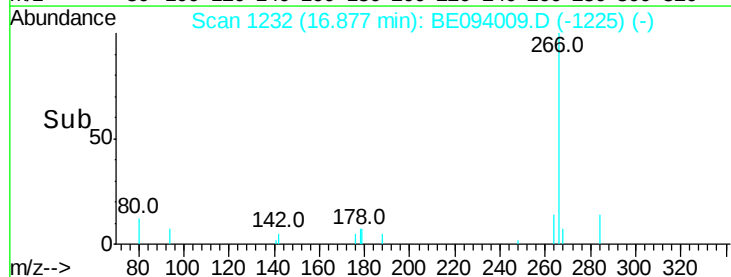
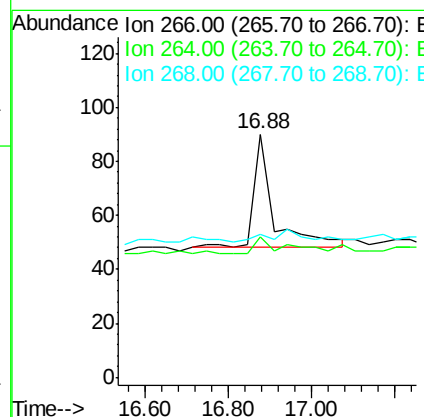
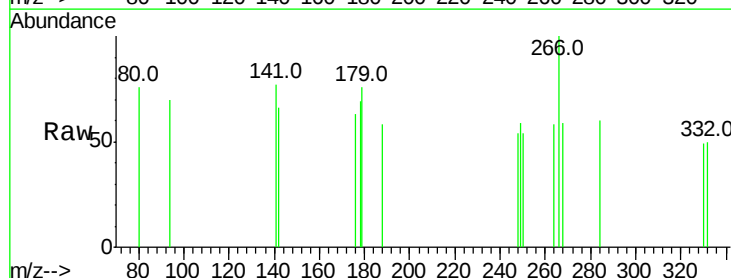
Instrument :
BNA_E
ClientSampleId :
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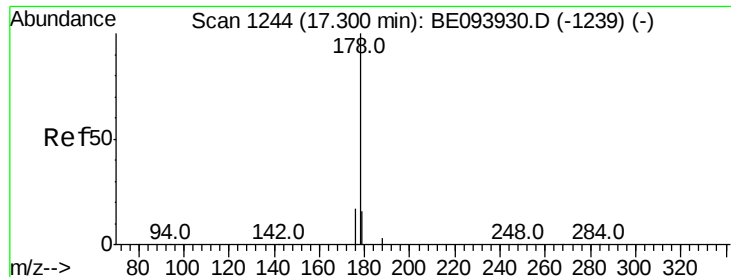
Tot Ion:248 Resp: 55
Ion Ratio Lower Upper
248 100
250 98.4 111.8 167.8#
141 112.5 27.1 40.7#



#22
Pentachlorophenol
Concen: 0.072 ng
RT: 16.88 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BE094009.D
Acq: 14 Sep 2017 17:14

Tgt Ion:266 Resp: 143
Ion Ratio Lower Upper
266 100
264 57.8 53.5 80.3
268 58.9 60.0 90.0#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

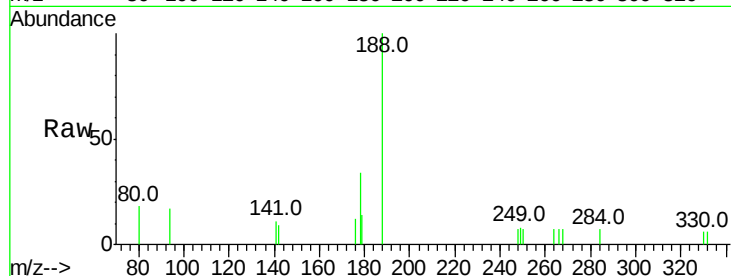
Tot Ion:178 Resp: 512

Ion Ratio Lower Upper

178 100

176 24.8 0.0 0.0#

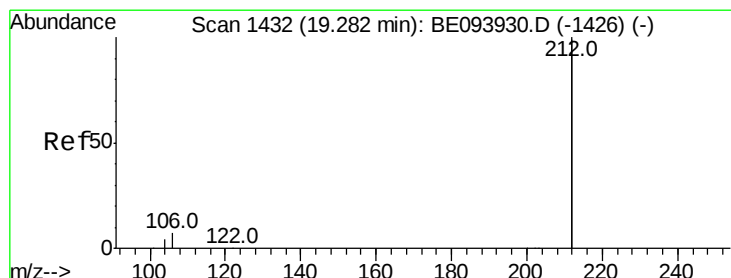
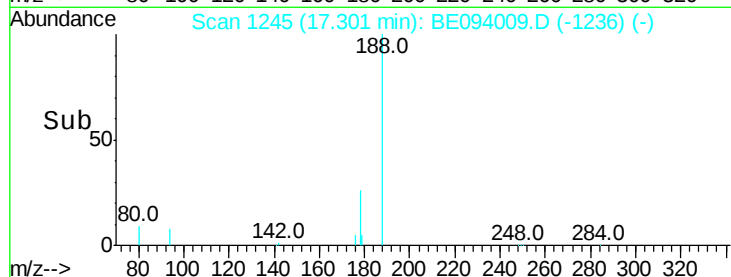
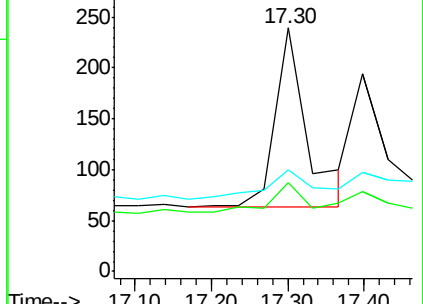
179 25.6 12.6 18.8#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.295 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

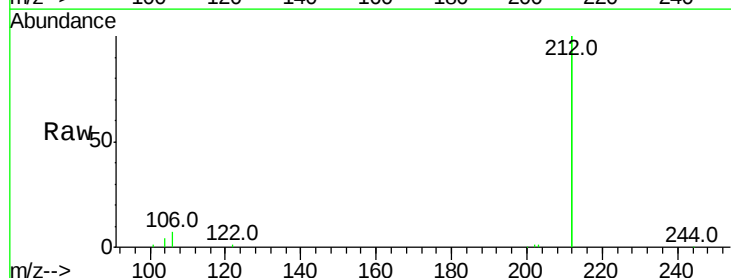
Tgt Ion:212 Resp: 54673

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

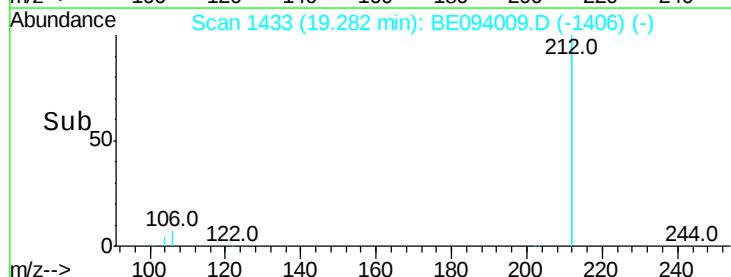
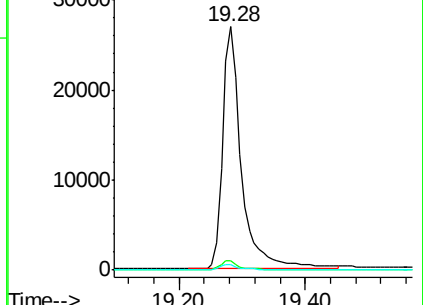
104 2.0 1.6 2.4

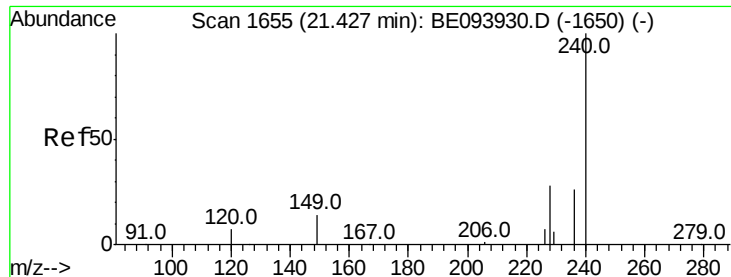


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE094009.D

Acq: 14 Sep 2017 17:14

Instrument :

BNA_E

ClientSampleId :

DUP-01-090817

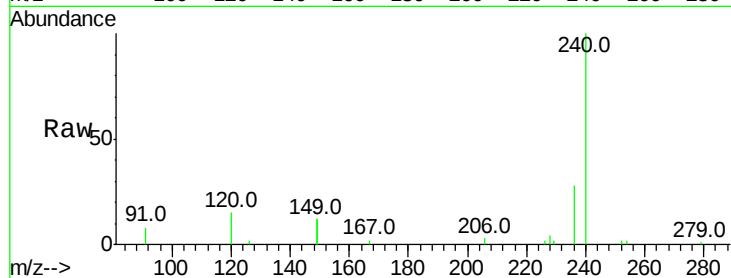
Tot Ion:240 Resp: 13871

Ion Ratio Lower Upper

240 100

120 15.2 8.7 13.1#

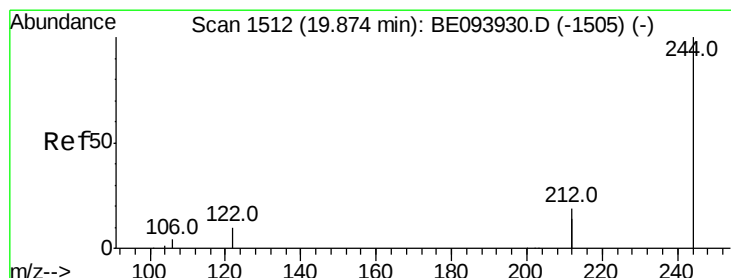
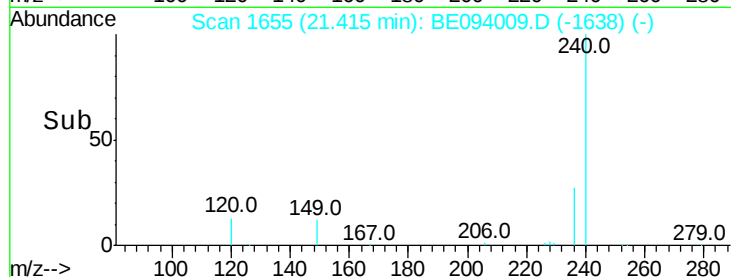
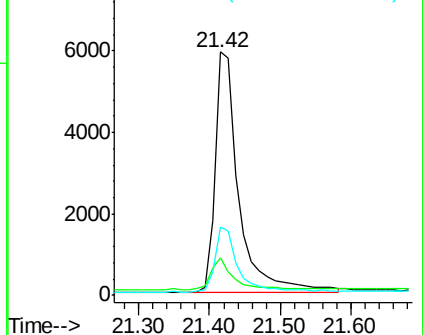
236 28.1 21.3 31.9



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: 0.454 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE094009.D

Acq: 14 Sep 2017 17:14

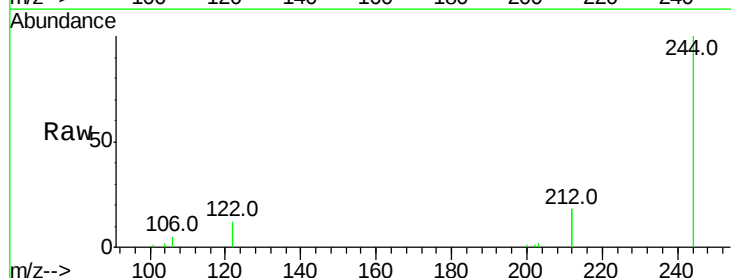
Tgt Ion:244 Resp: 11581

Ion Ratio Lower Upper

244 100

212 35.3 28.3 42.5

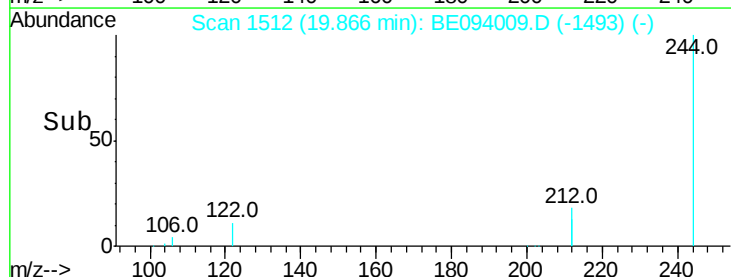
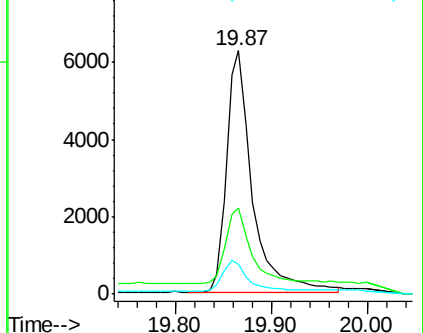
122 12.0 9.4 14.0

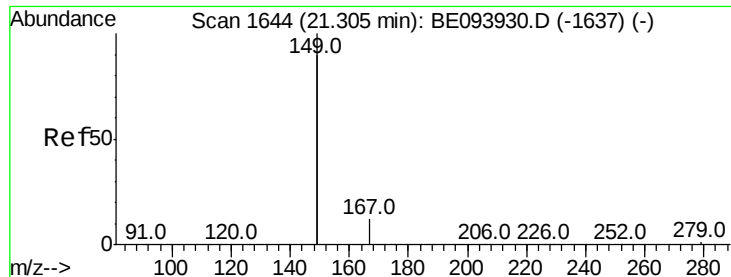


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

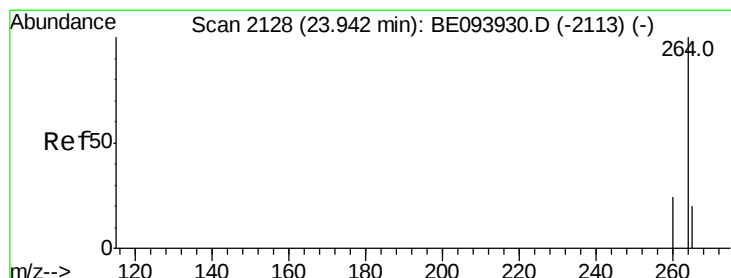
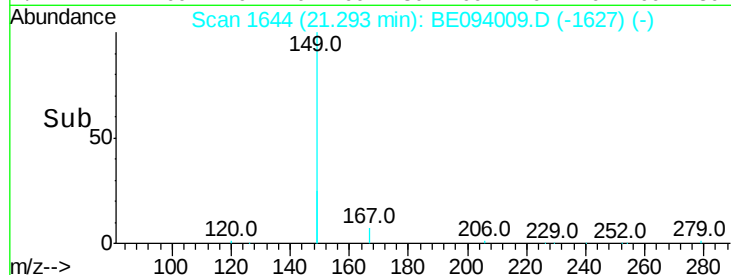
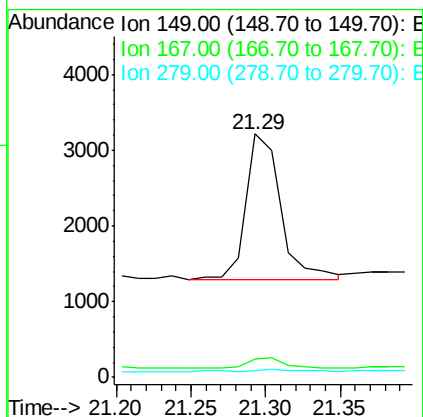
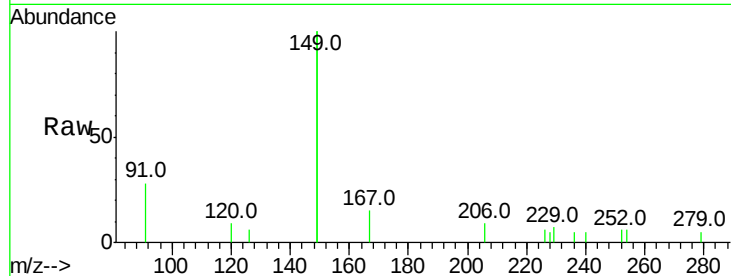




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.030 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE094009.D
 Acq: 14 Sep 2017 17:14

Instrument :
 BNA_E
 ClientSampleId :
 DUP-01-090817

Tot Ion:149 Resp: 3068
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.0
 279 1.9 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BE094009.D
 Acq: 14 Sep 2017 17:14

Tgt Ion:264 Resp: 10889
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 35.2 24.0 36.0

