

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091817\
 Data File : BE094021.D
 Acq On : 18 Sep 2017 11:27
 Operator : SJ/JU
 Sample : I5189-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 19 01:26:47 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

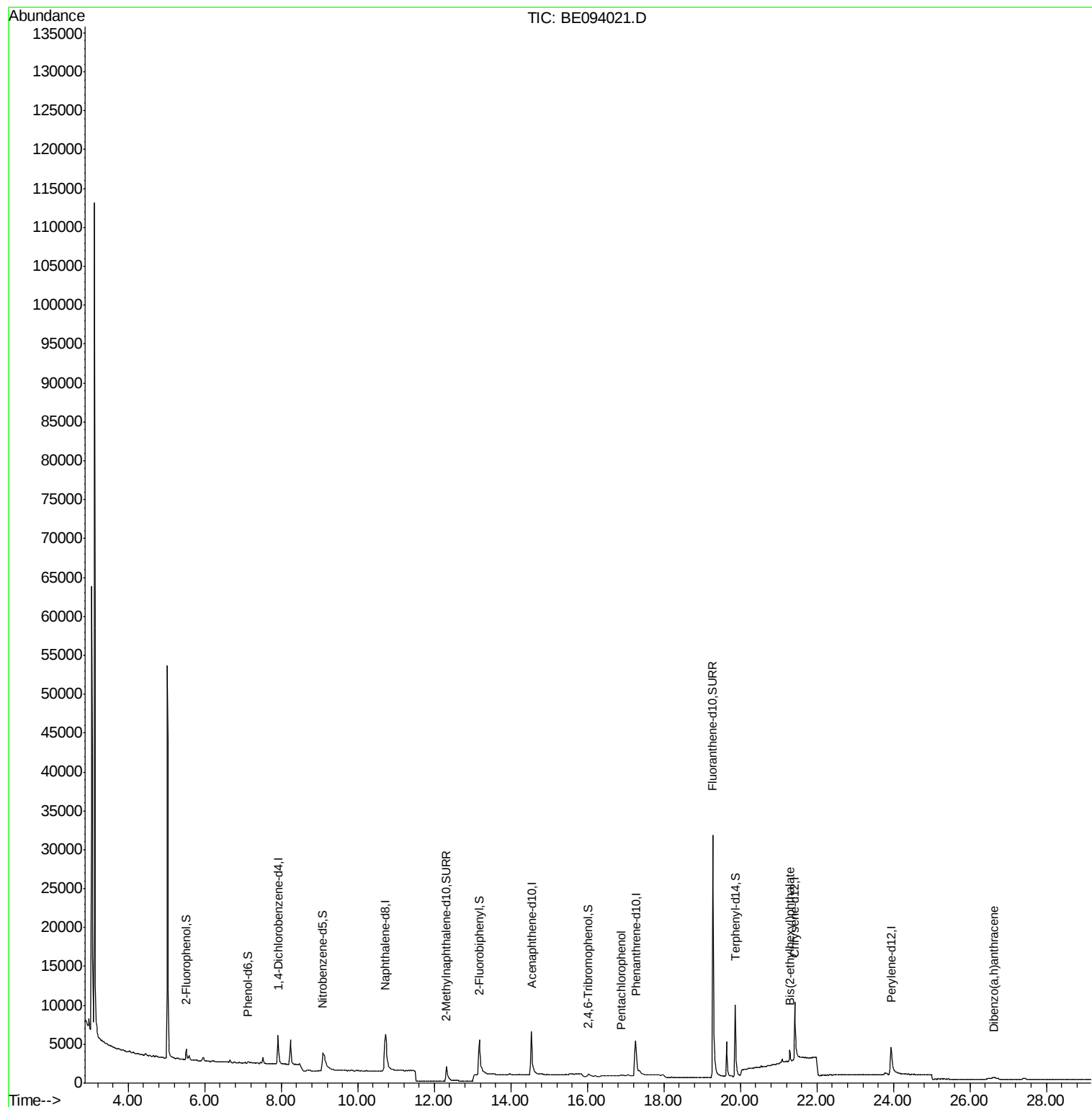
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2253	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	10688	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	6337	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	14684	0.40	ng	0.00
27) Chrysene-d12	21.43	240	13974	0.40	ng	0.00
34) Perylene-d12	23.94	264	9220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	976	0.13	ng	-0.01
5) Phenol-d6	7.13	99	462	0.04	ng	0.01
8) Nitrobenzene-d5	9.08	82	2892	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	5762	0.34	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	509	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	8944	0.36	ng	0.02
25) Fluoranthene-d10	19.28	212	64218	0.29	ng	0.00
29) Terphenyl-d14	19.87	244	12237	0.48	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.36	248	6	Below Cal	#	37
22) Pentachlorophenol	16.88	266	321	0.138 ng	#	64
23) Phenanthrene	17.30	178	274	Below Cal	#	24
32) Bis(2-ethylhexyl)phthalate	21.29	149	2255	0.022 ng	#	97
38) Dibenzo(a,h)anthracene	26.62	278	404	0.020 ng	#	1

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

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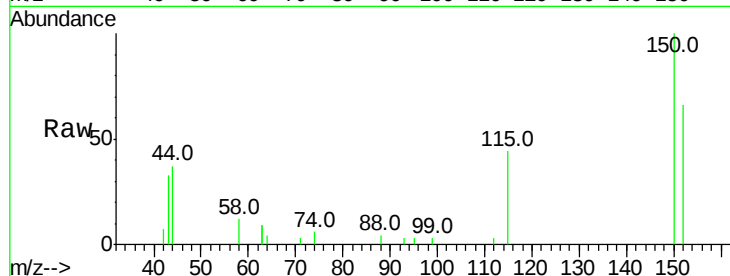


#1

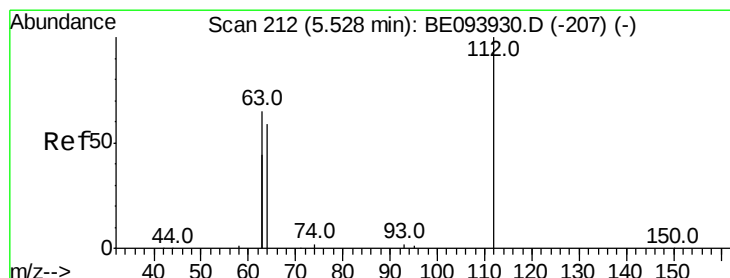
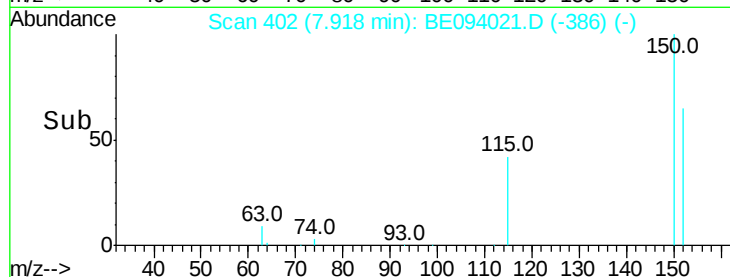
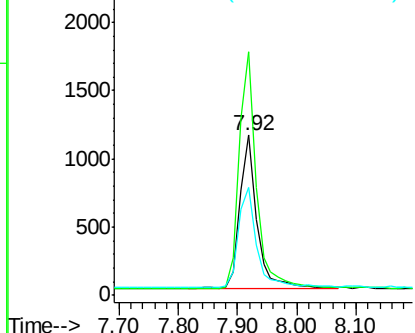
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2253
Ion Ratio Lower Upper
152 100
150 151.9 121.8 182.6
115 67.5 52.6 79.0



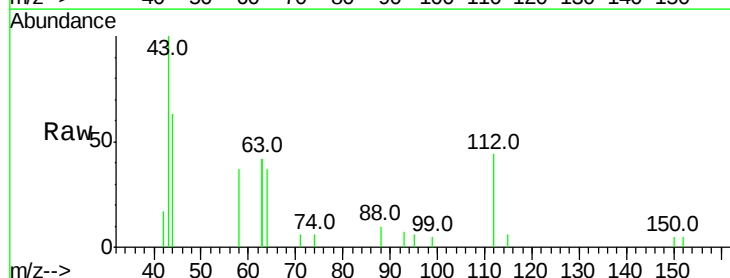
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



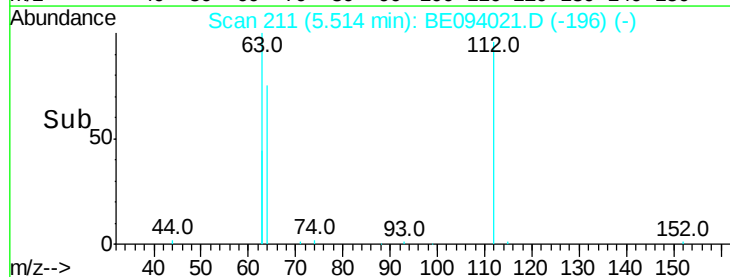
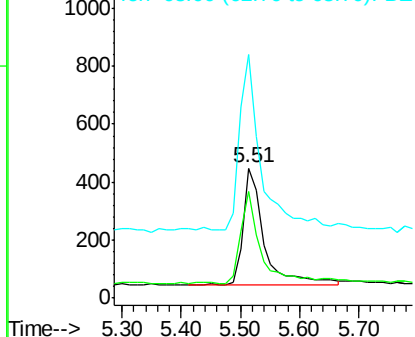
#4

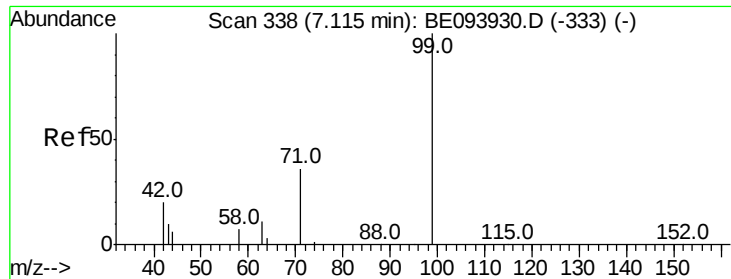
2-Fluorophenol
Concen: 0.134 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.01 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

Tgt Ion:112 Resp: 976
Ion Ratio Lower Upper
112 100
64 76.0 57.7 86.5
63 154.6 116.0 174.0



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: 0.042 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Instrument :

BNA_E

ClientSampleId :

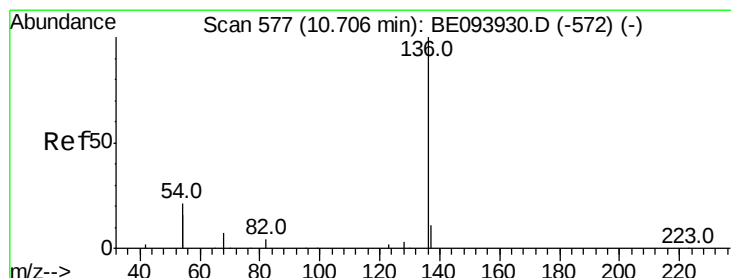
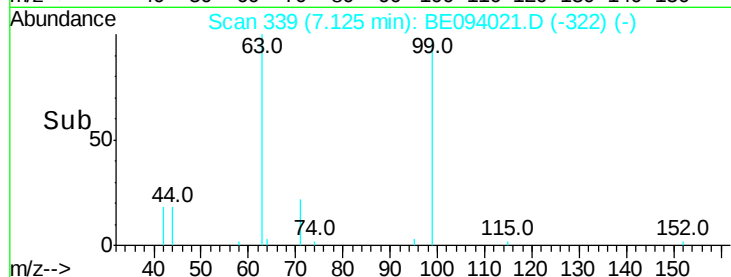
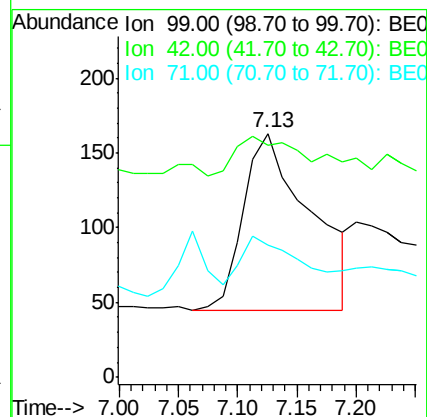
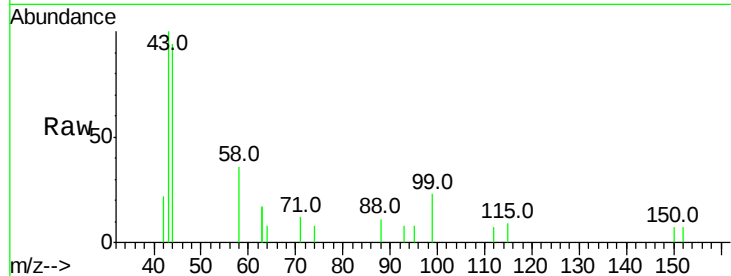
Tot Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 26.4 17.1 25.7#

71 21.2 26.6 39.8#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Tgt Ion: 136 Resp: 10688

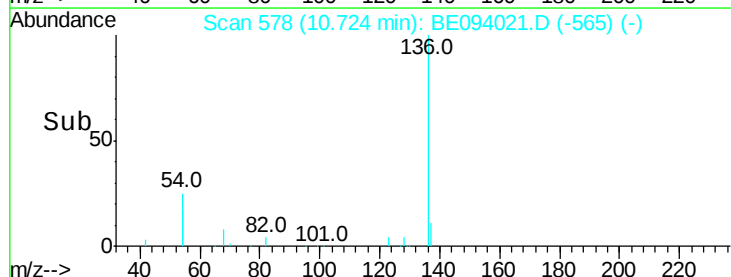
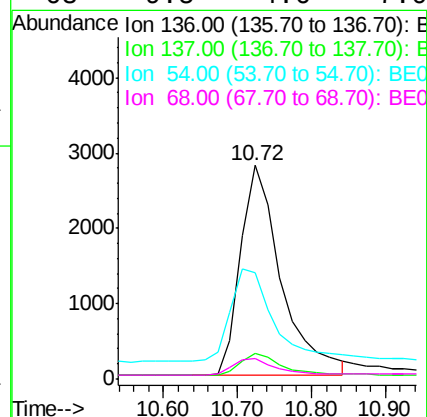
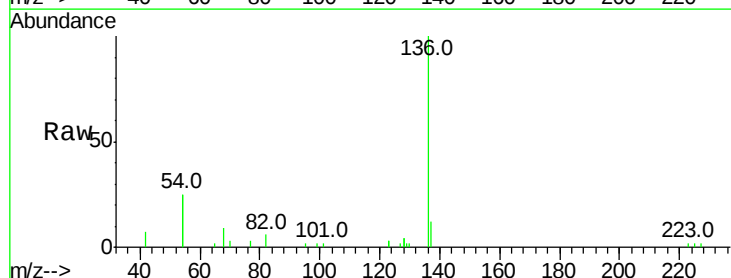
Ion Ratio Lower Upper

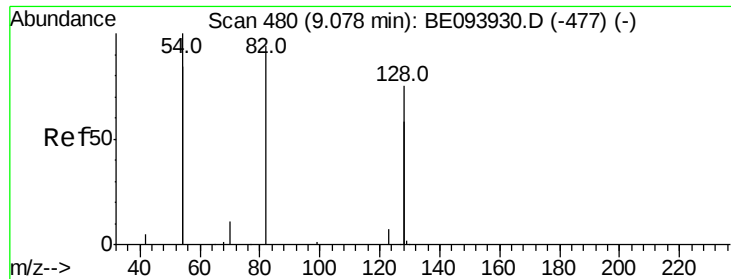
136 100

137 12.2 9.2 13.8

54 49.6 21.9 32.9#

68 9.5 4.6 7.0#





#8

Nitrobenzene-d5

Concen: 0.320 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Instrument :

BNA_E

ClientSampleId :

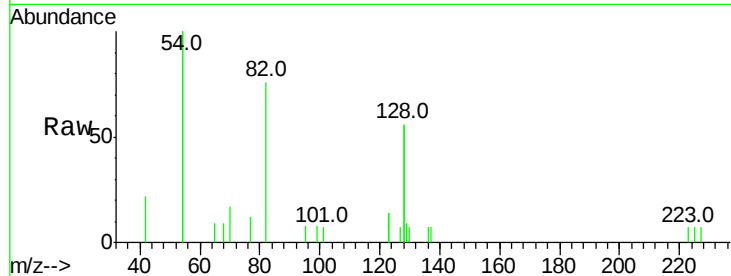
Tot Ion: 82 Resp: 2892

Ion Ratio Lower Upper

82 100

128 147.6 91.4 137.0#

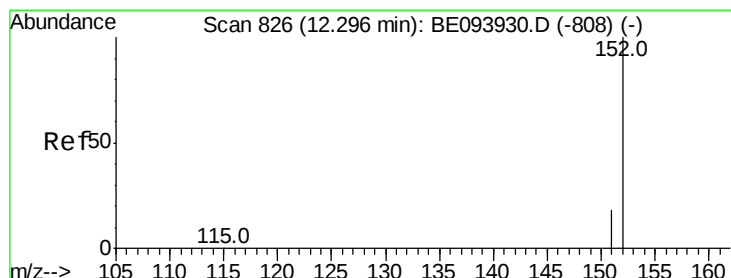
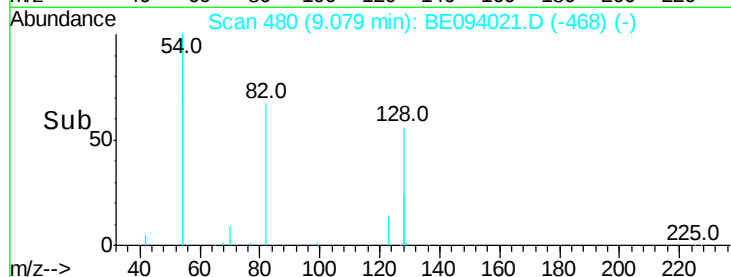
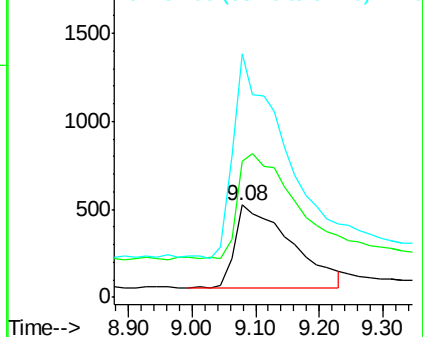
54 264.6 197.8 296.8



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: 0.337 ng

RT: 12.31 min Scan# 831

Delta R.T. 0.02 min

Lab File: BE094021.D

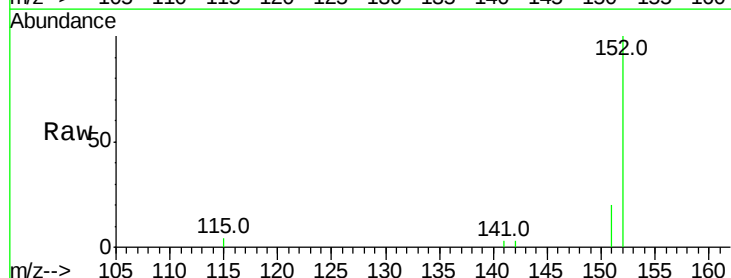
Acq: 18 Sep 2017 11:27

Tgt Ion: 152 Resp: 5762

Ion Ratio Lower Upper

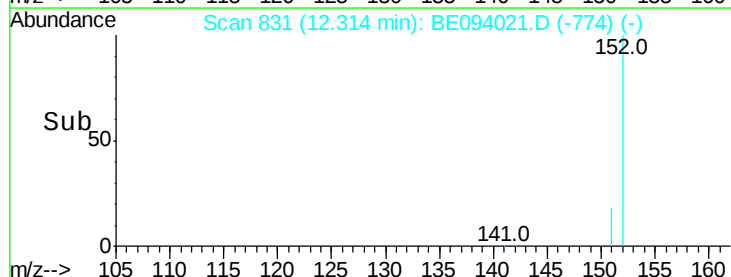
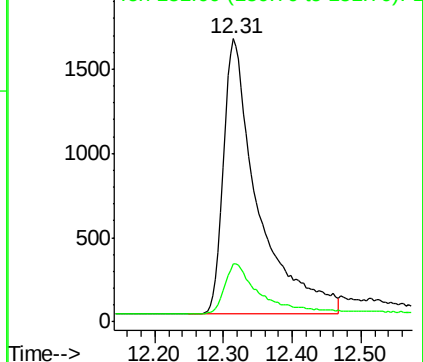
152 100

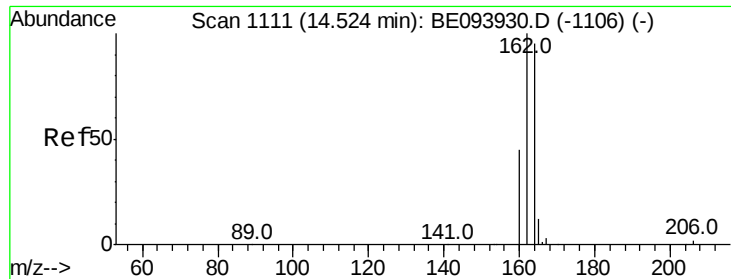
151 17.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

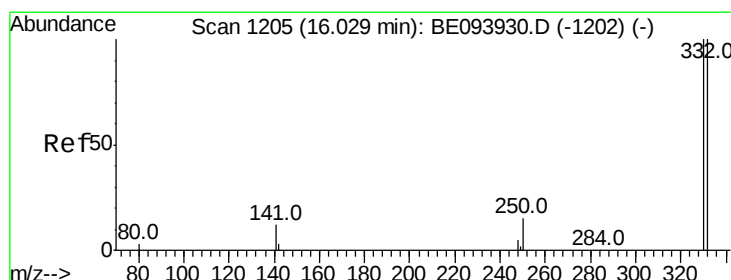
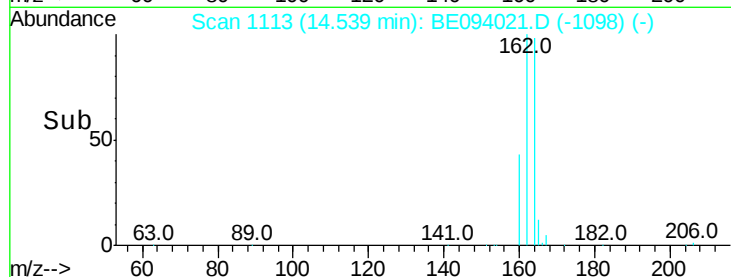
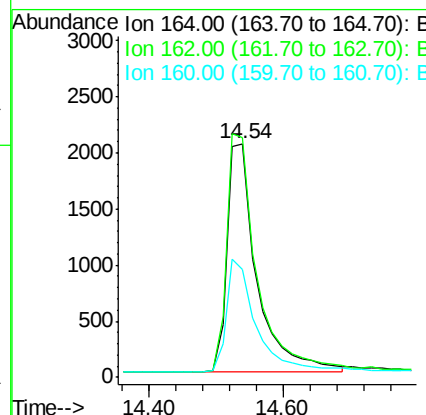
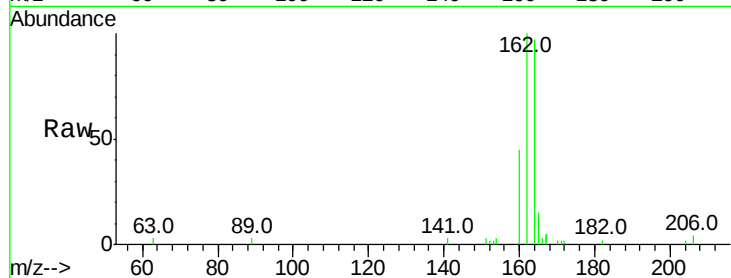




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BE094021.D
 Acq: 18 Sep 2017 11:27

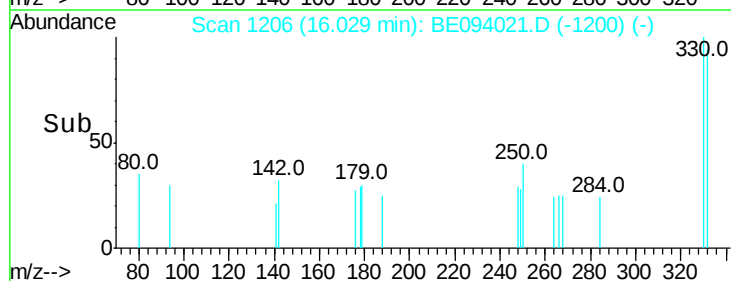
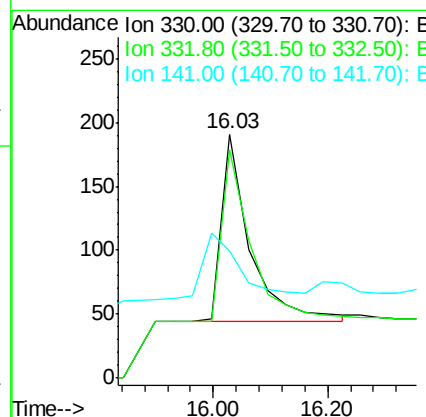
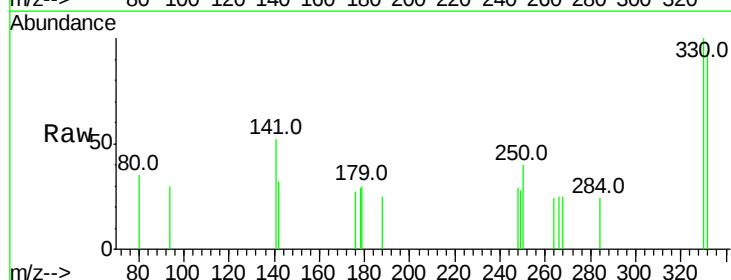
Instrument :
 BNA_E
 ClientSampleId :

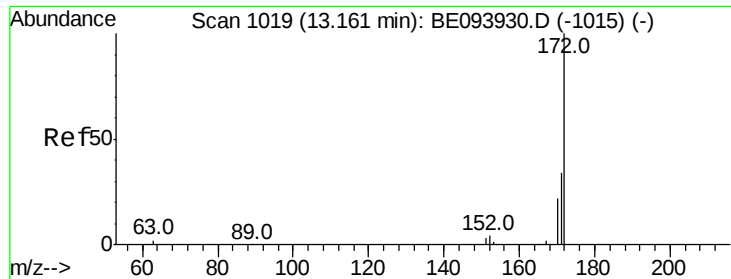
Tot Ion:164 Resp: 6337
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.8 121.2
 160 46.1 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.259 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE094021.D
 Acq: 18 Sep 2017 11:27

Tgt Ion:330 Resp: 509
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.9 115.3
 141 0.0 0.0 0.0

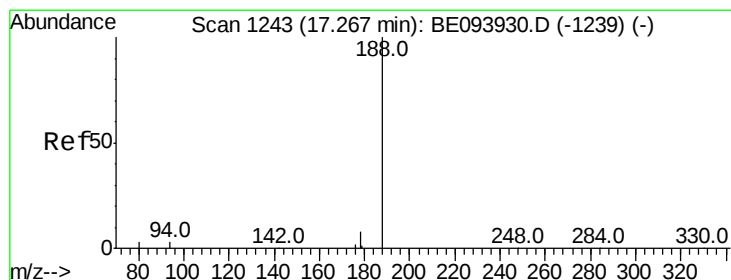
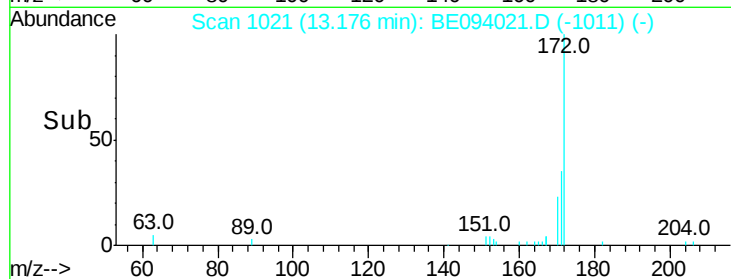
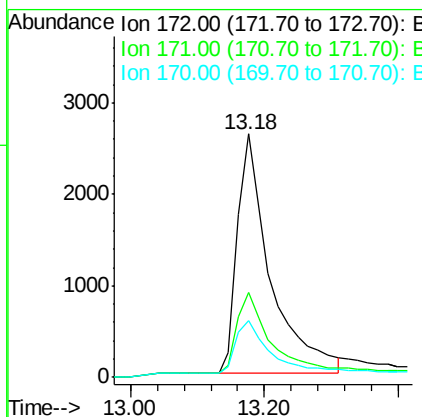
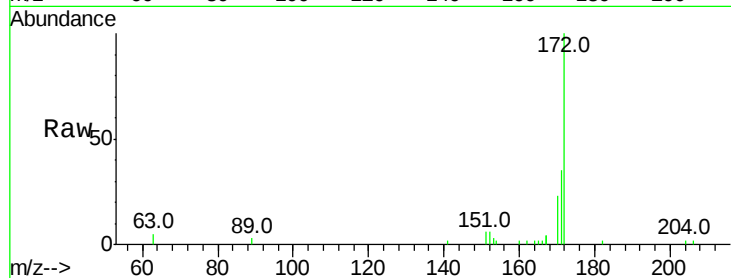




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.18 min Scan# 1021
Delta R.T. 0.02 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

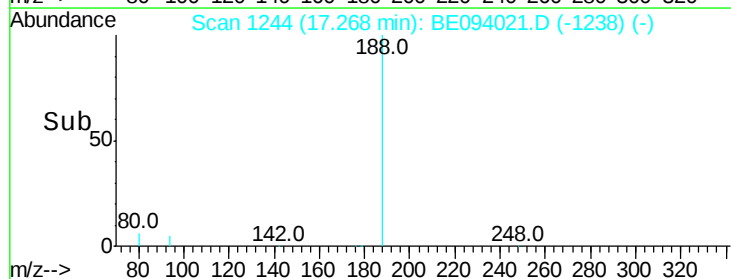
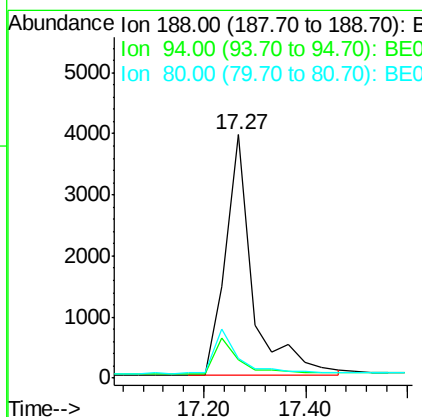
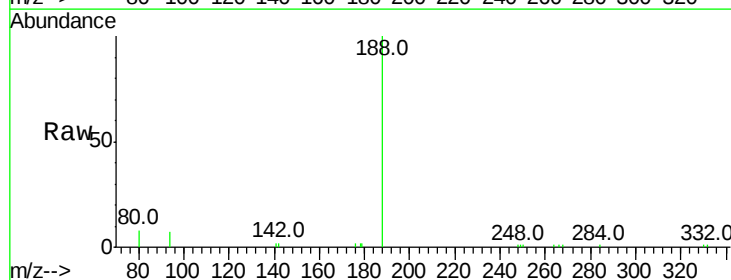
Instrument :
BNA_E
ClientSampleId :

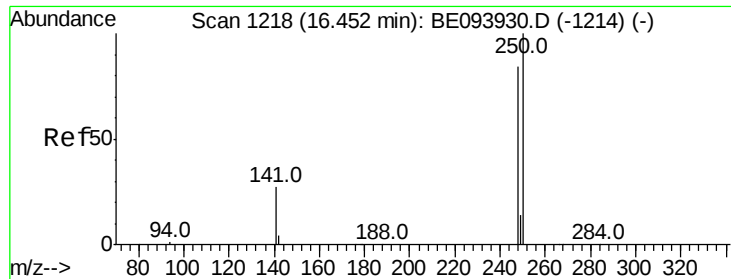
Tot Ion:172 Resp: 8944
Ion Ratio Lower Upper
172 100
171 34.9 26.9 40.3
170 23.5 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

Tgt Ion:188 Resp: 14684
Ion Ratio Lower Upper
188 100
94 7.3 16.1 24.1#
80 7.9 18.2 27.2#

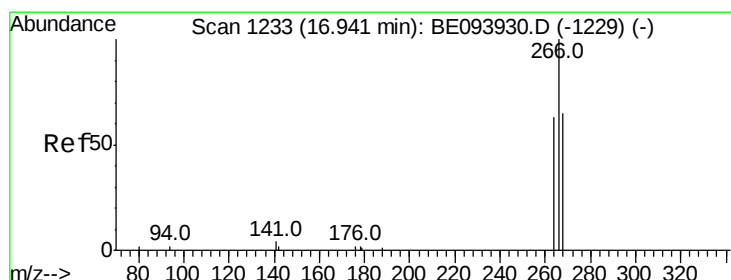
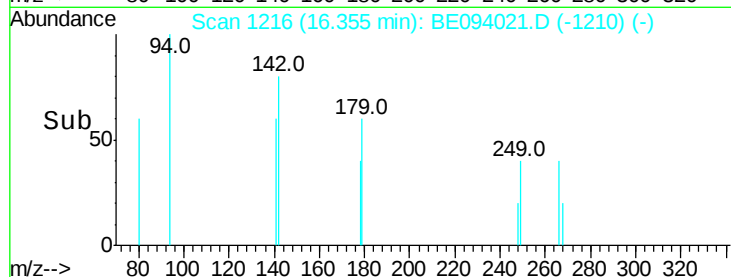
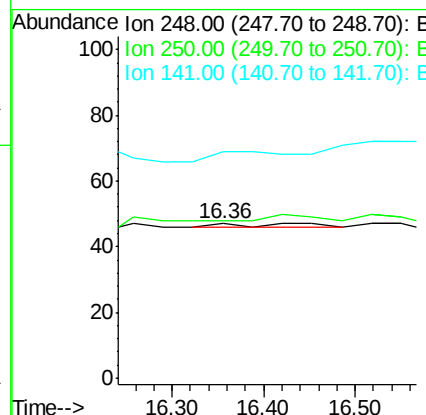
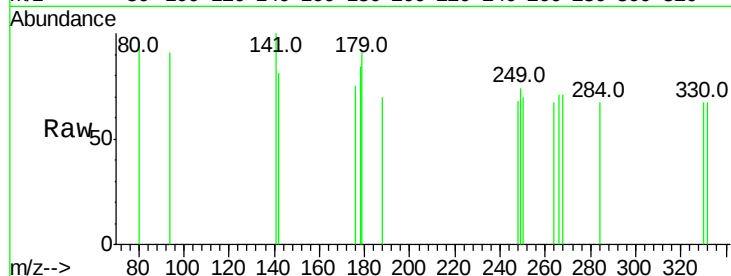




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.36 min Scan# 1216
Delta R.T. -0.10 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

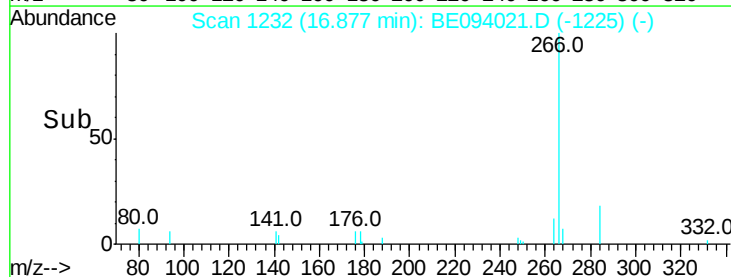
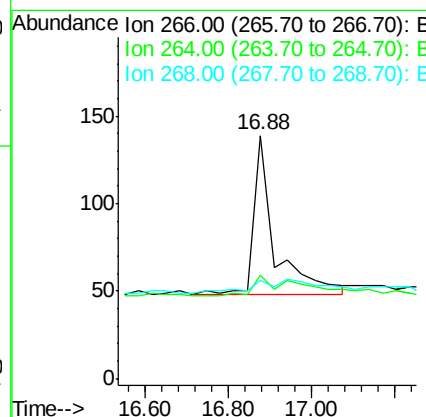
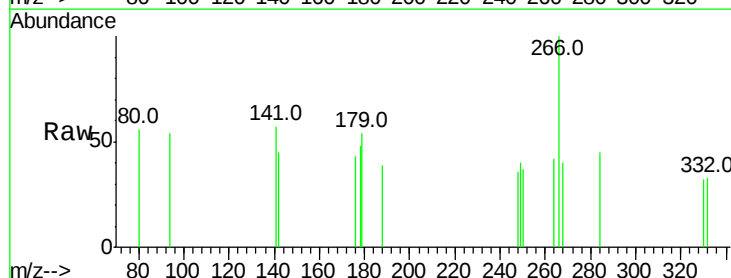
Instrument :
BNA_E
ClientSampled :

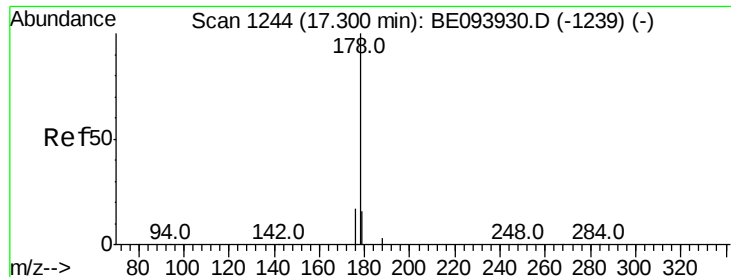
Tot Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 102.1 111.8 167.8#
141 146.8 27.1 40.7#



#22
Pentachlorophenol
Concen: 0.138 ng
RT: 16.88 min Scan# 1232
Delta R.T. -0.06 min
Lab File: BE094021.D
Acq: 18 Sep 2017 11:27

Tgt Ion:266 Resp: 321
Ion Ratio Lower Upper
266 100
264 42.4 53.5 80.3#
268 40.3 60.0 90.0#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Instrument :

BNA_E

ClientSampled :

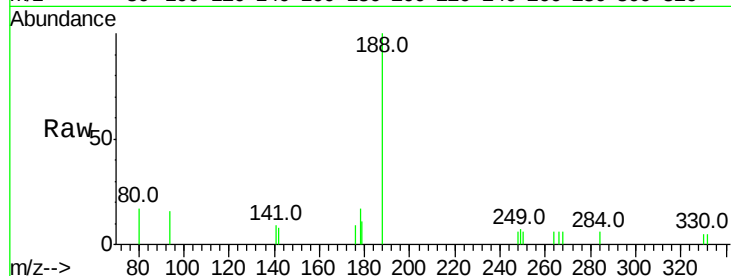
Tot Ion:178 Resp: 274

Ion Ratio Lower Upper

178 100

176 35.8 0.0 0.0#

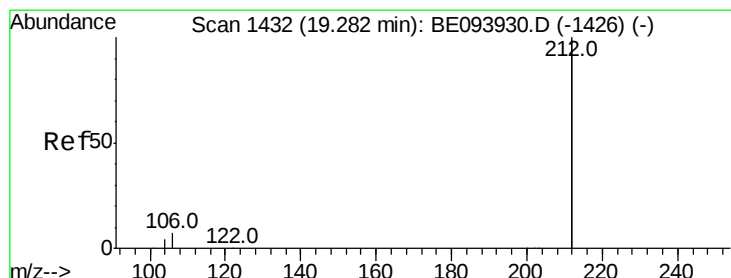
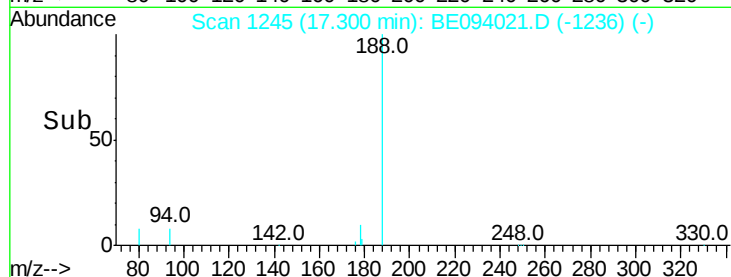
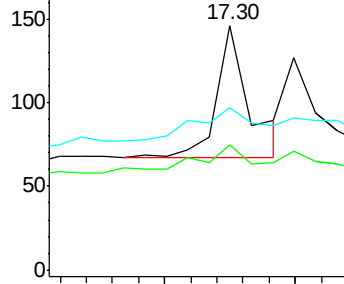
179 47.8 12.6 18.8#



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: 0.294 ng

RT: 19.28 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

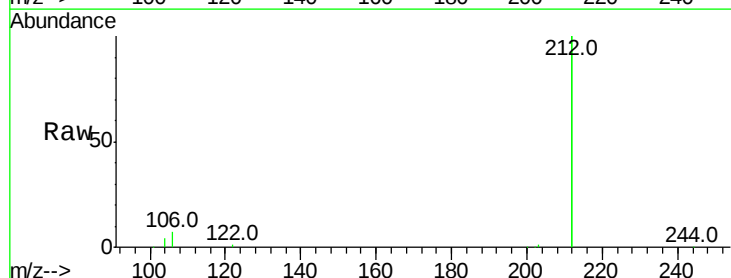
Tgt Ion:212 Resp: 64218

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

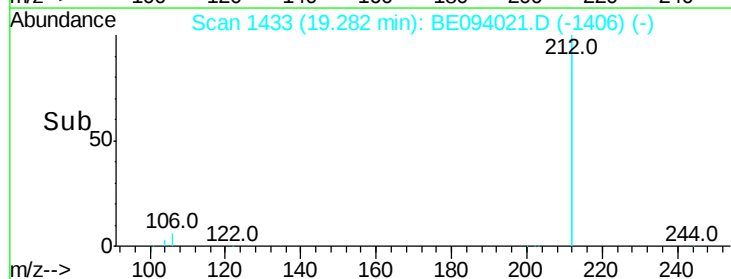
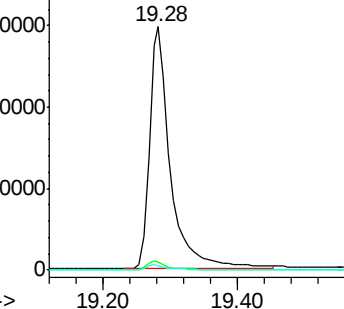
104 2.0 1.6 2.4

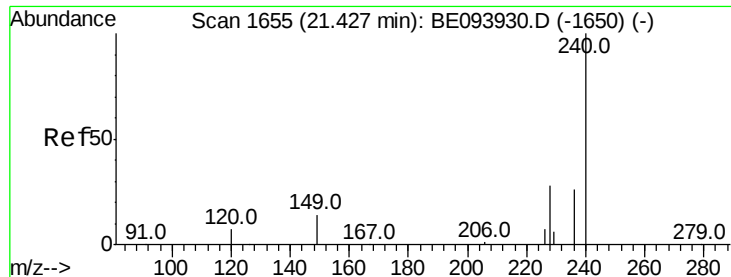


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Instrument :

BNA_E

ClientSampleId :

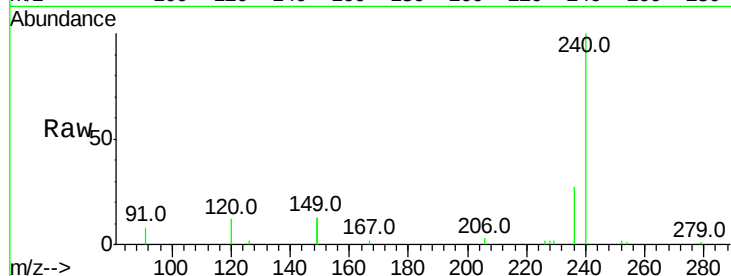
Tot Ion:240 Resp: 13974

Ion Ratio Lower Upper

240 100

120 11.5 8.7 13.1

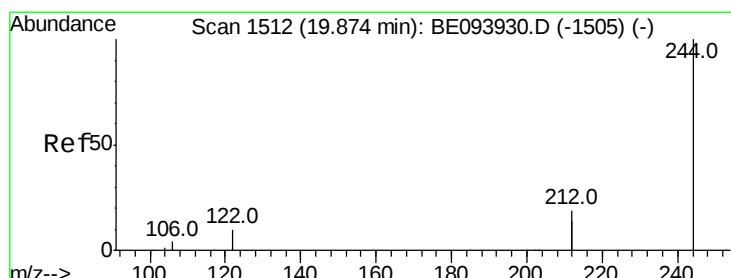
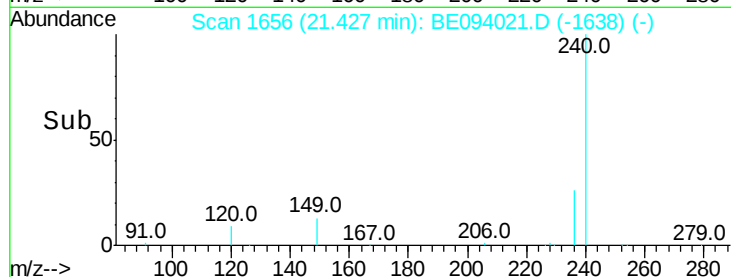
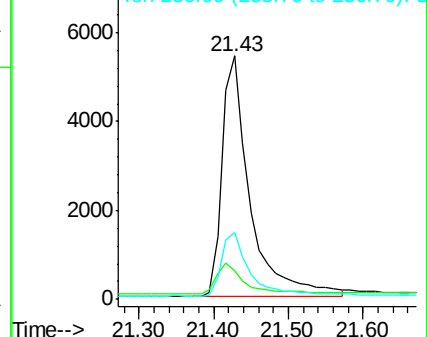
236 27.4 21.3 31.9



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: 0.476 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

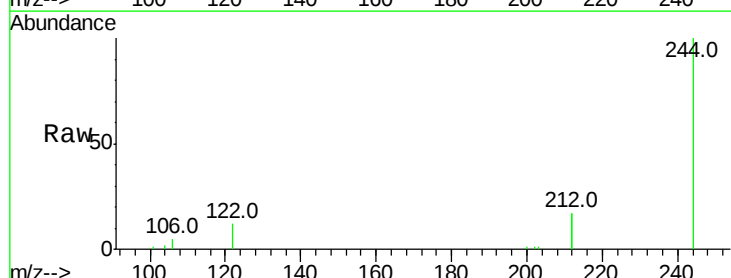
Tgt Ion:244 Resp: 12237

Ion Ratio Lower Upper

244 100

212 34.6 28.3 42.5

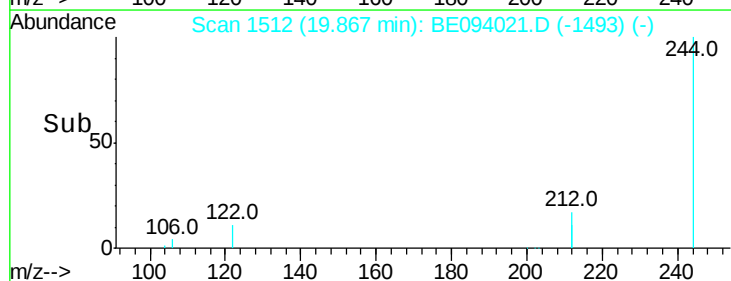
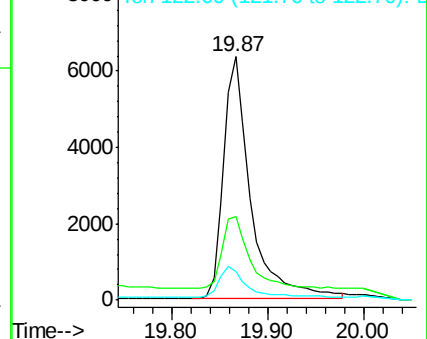
122 11.9 9.4 14.0

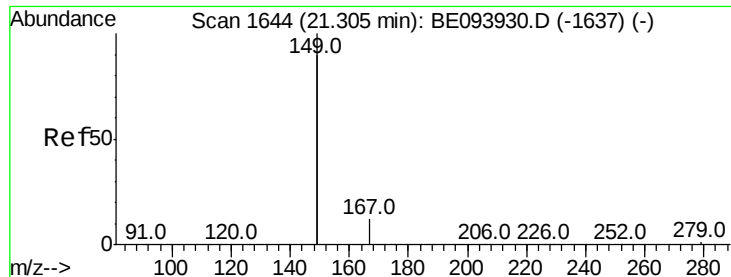


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

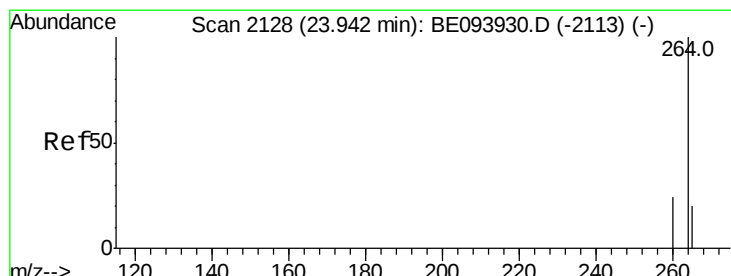
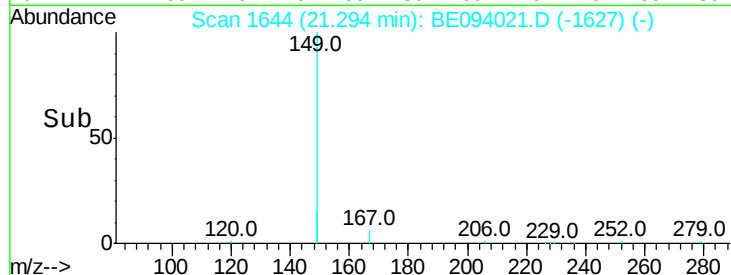
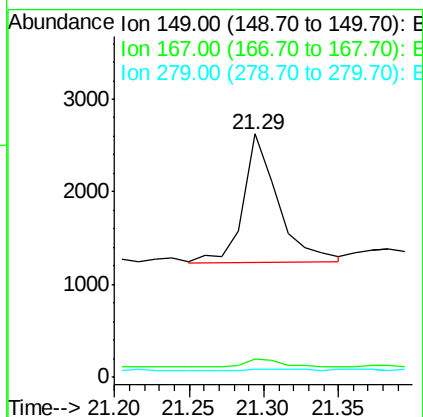
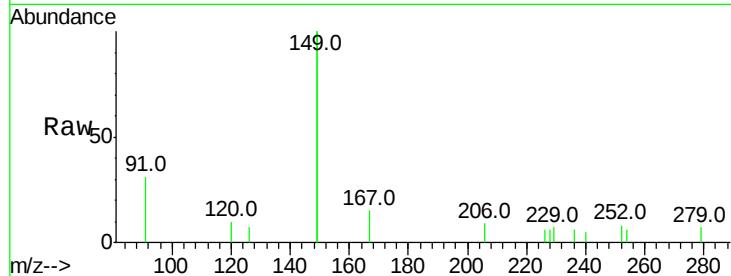




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.022 ng
 RT: 21.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE094021.D
 Acq: 18 Sep 2017 11:27

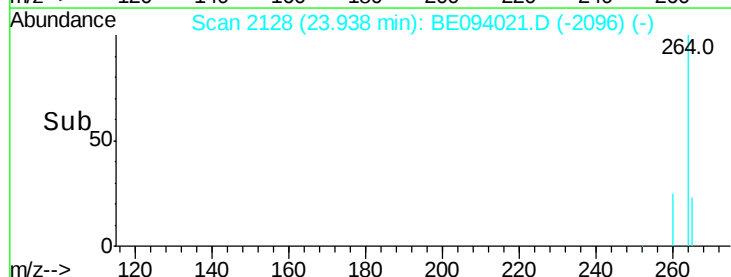
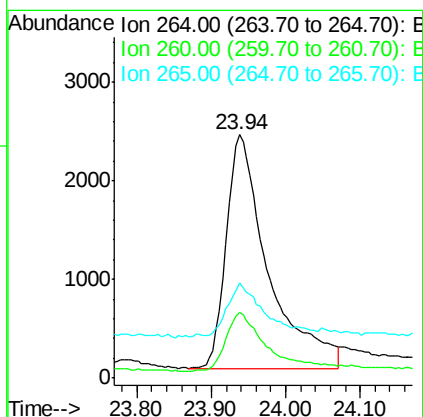
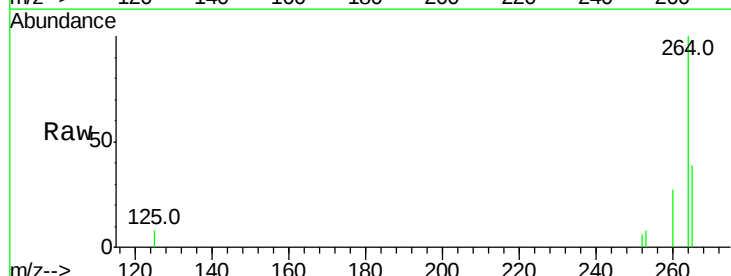
Instrument :
 BNA_E
 ClientSampleId :

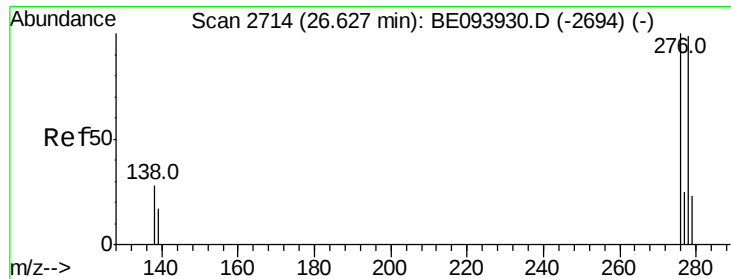
Tot Ion:149 Resp: 2255
 Ion Ratio Lower Upper
 149 100
 167 7.7 5.4 8.0
 279 1.5 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BE094021.D
 Acq: 18 Sep 2017 11:27

Tgt Ion:264 Resp: 9220
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.0 30.0
 265 38.9 24.0 36.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 26.62 min Scan# 2713

Delta R.T. -0.01 min

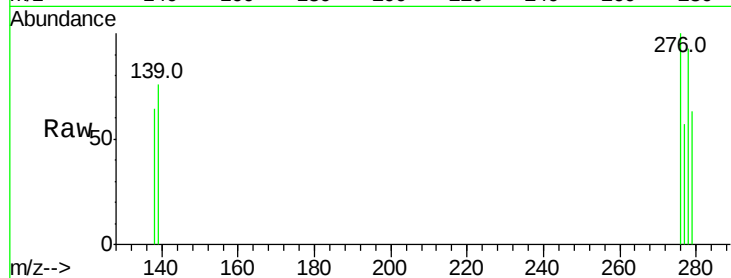
Lab File: BE094021.D

Acq: 18 Sep 2017 11:27

Instrument :

BNA_E

ClientSampleId :



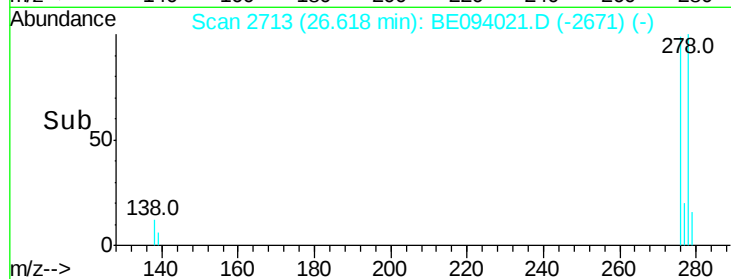
Tot Ion: 278 Resp: 404

Ion Ratio Lower Upper

278 100

139 81.3 16.7 25.1#

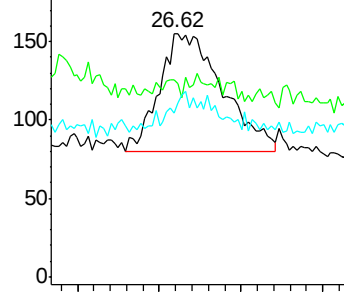
279 67.1 21.6 32.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->