

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093636.D
 Acq On : 2 Aug 2017 21:10
 Operator : SJ/JU
 Sample : I4426-01
 Misc : I4426-07
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSMW-100-0717

Quant Time: Aug 03 02:48:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 10:58:31 2017
 Response via : Initial Calibration

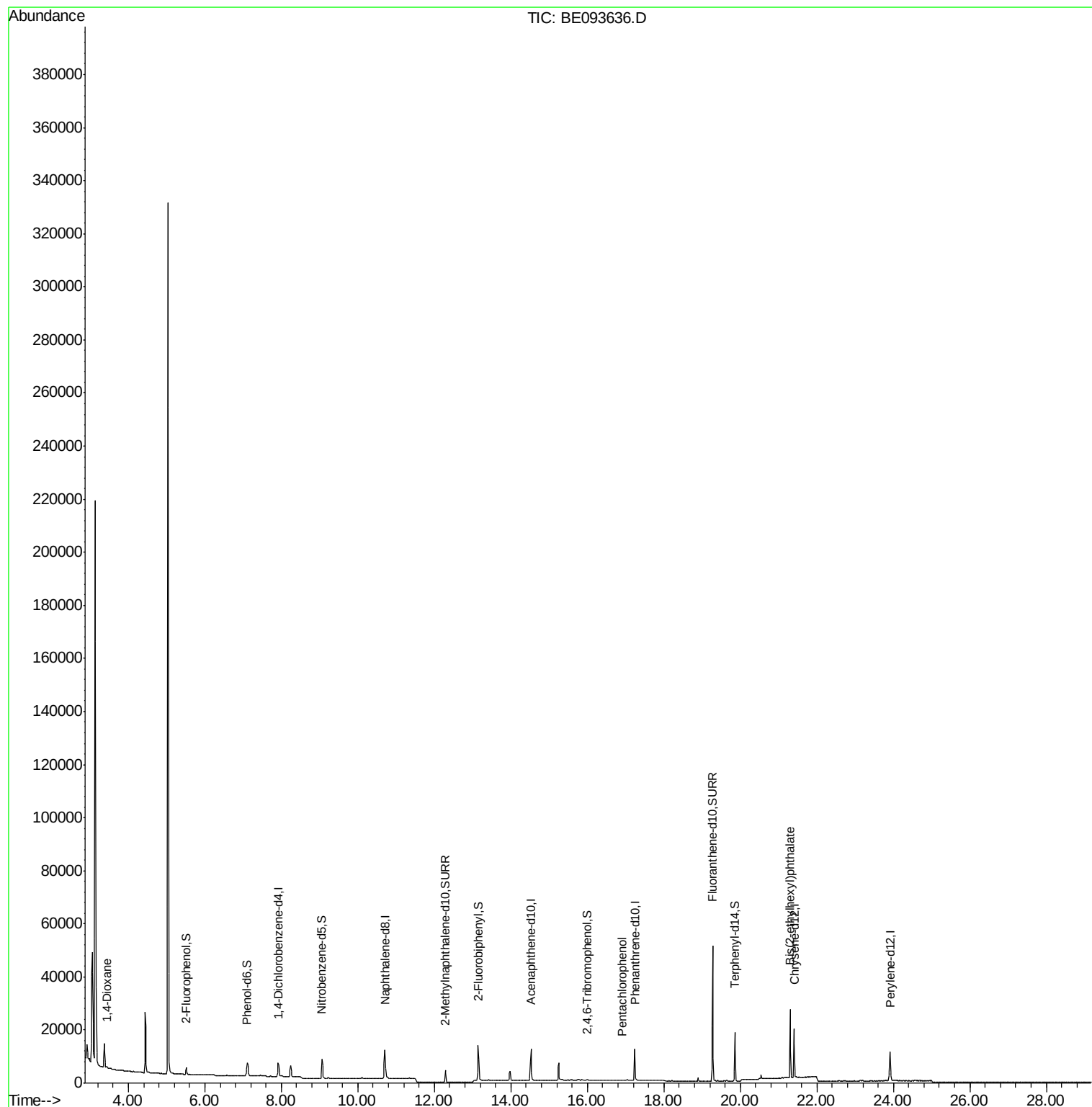
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2747	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	12768	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7180	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	19471	0.40	ng	0.00
27) Chrysene-d12	21.40	240	19340	0.40	ng	-0.01
34) Perylene-d12	23.91	264	16855	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1295	0.16	ng	0.00
5) Phenol-d6	7.10	99	1194	0.10	ng	0.00
8) Nitrobenzene-d5	9.06	82	3215	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6360	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	559	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	12931	0.45	ng	-0.01
25) Fluoranthene-d10	19.27	212	69731	0.32	ng	0.00
29) Terphenyl-d14	19.86	244	15302	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	395	0.089	ng	# 52
20) 4-Bromophenyl-phenylether	16.42	248	6	Below Cal	#	28
21) Hexachlorobenzene	16.58	284	10	Below Cal	#	100
22) Pentachlorophenol	16.91	266	41	0.161	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.30	149	26963	0.348	ng	99

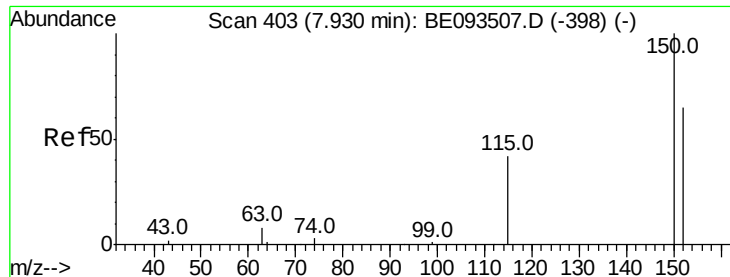
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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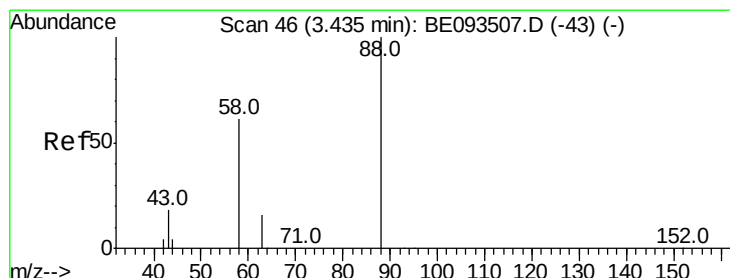
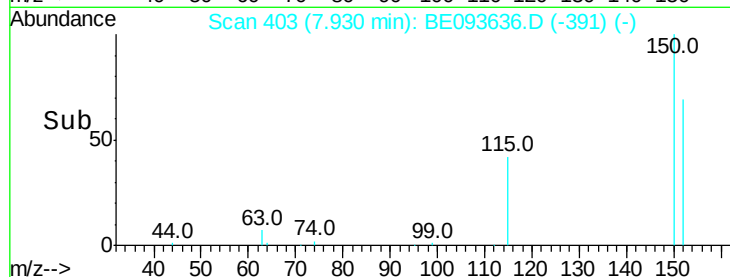
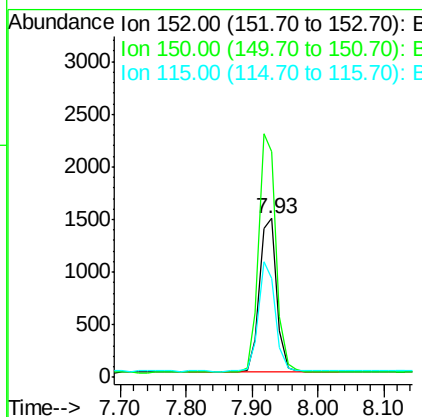
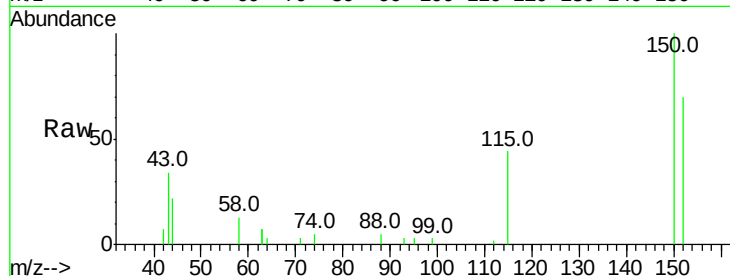


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.00 min
Lab File: BE093636.D
Acq: 2 Aug 2017 21:10

Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717

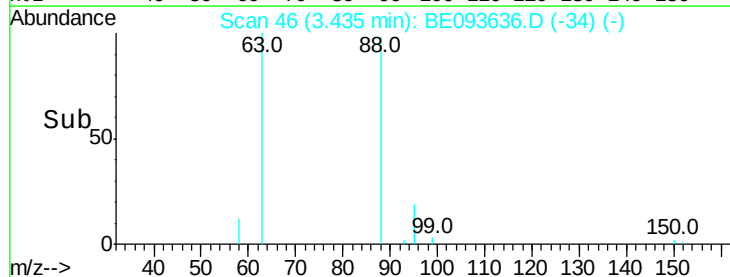
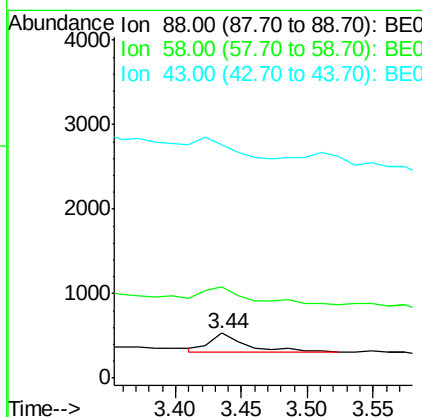
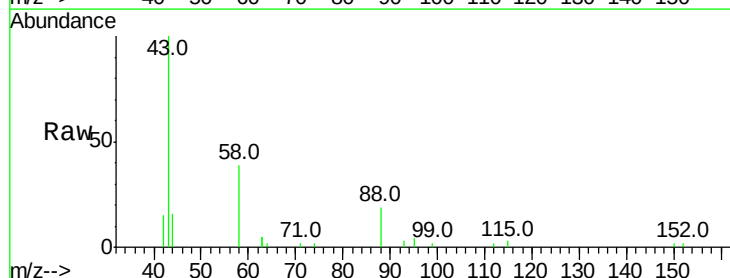
Tot Ion:152 Resp: 2747
Ion Ratio Lower Upper
152 100
150 142.6 125.1 187.7
115 62.2 55.7 83.5

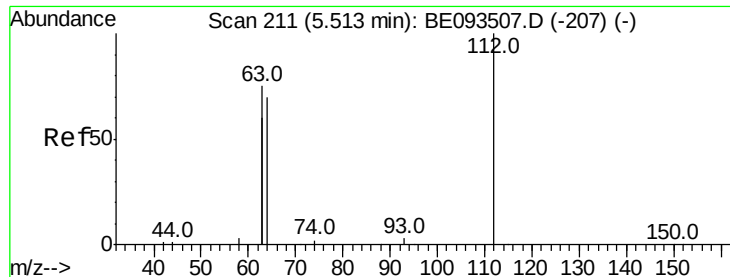


#2

1,4-Dioxane
Concen: 0.089 ng
RT: 3.44 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE093636.D
Acq: 2 Aug 2017 21:10

Tgt Ion: 88 Resp: 395
Ion Ratio Lower Upper
88 100
58 117.0 62.2 93.4#
43 0.0 23.2 34.8#





#4

2-Fluorophenol

Concen: 0.158 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717

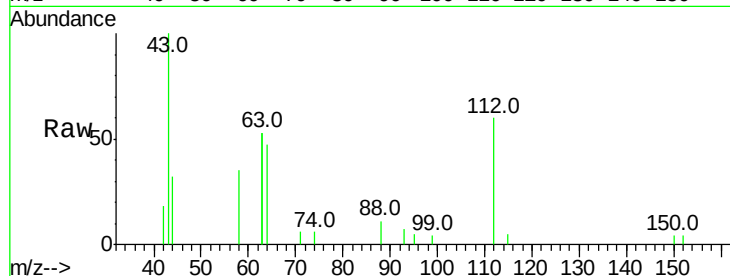
Tot Ion:112 Resp: 1295

Ion Ratio Lower Upper

112 100

64 71.7 56.4 84.6

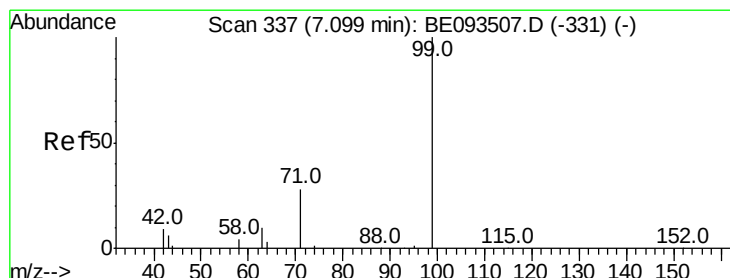
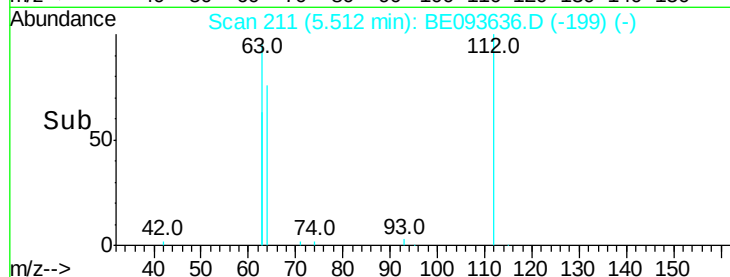
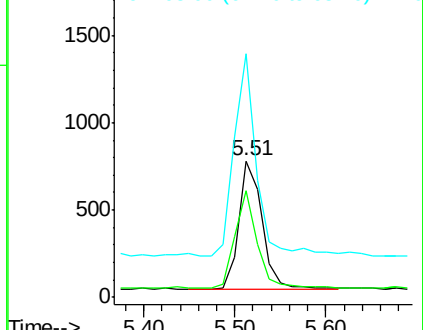
63 150.3 29.3 43.9#



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: 0.097 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

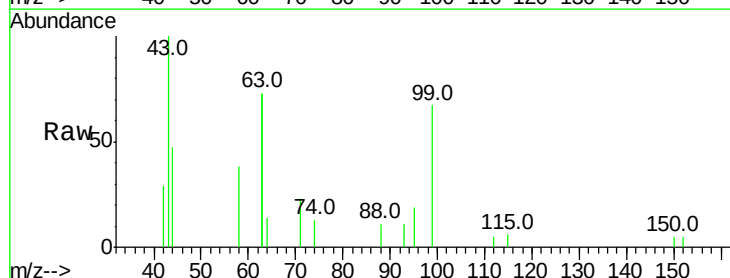
Tgt Ion: 99 Resp: 1194

Ion Ratio Lower Upper

99 100

42 37.4 0.0 0.0#

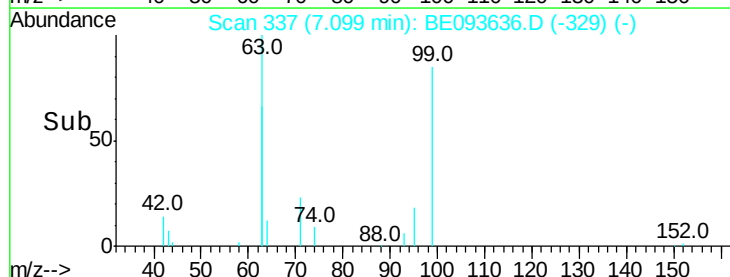
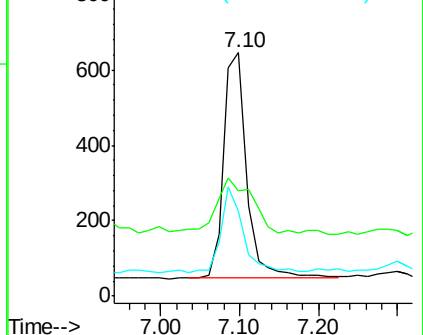
71 36.5 0.0 0.0#

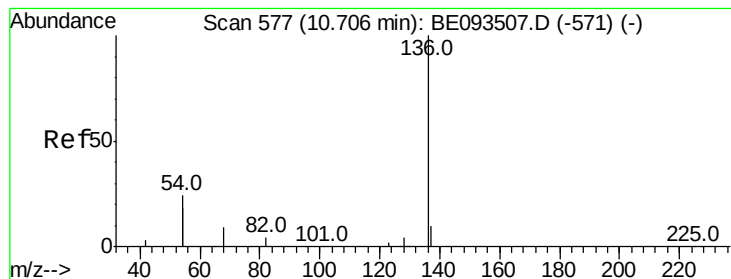


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717

Tot Ion:136 Resp: 12768

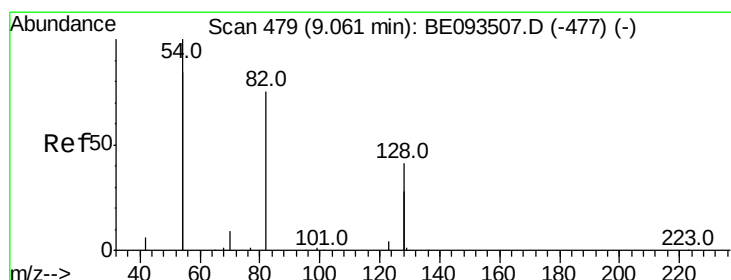
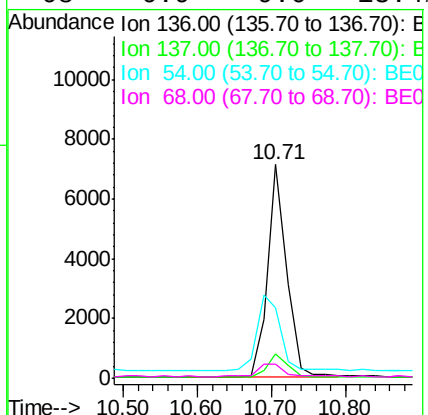
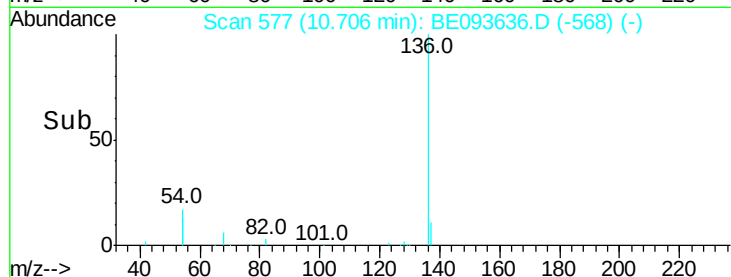
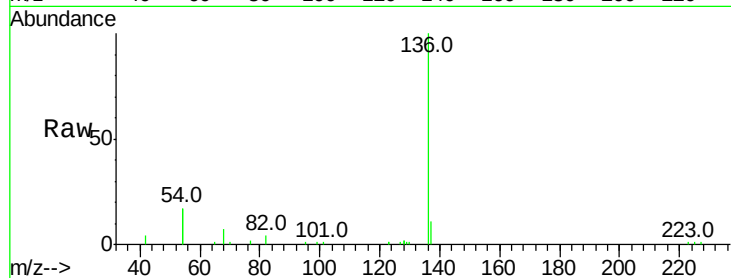
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.8

54 33.1 10.3 15.5#

68 6.9 9.0 13.4#



#8

Nitrobenzene-d5

Concen: 0.330 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

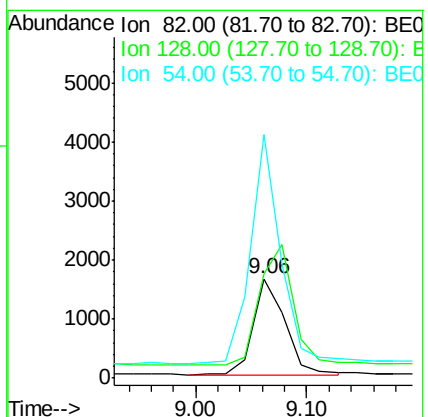
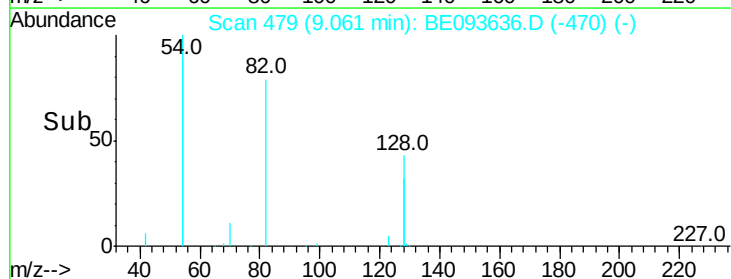
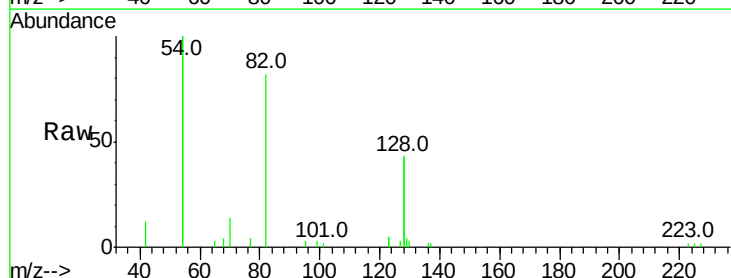
Tgt Ion: 82 Resp: 3215

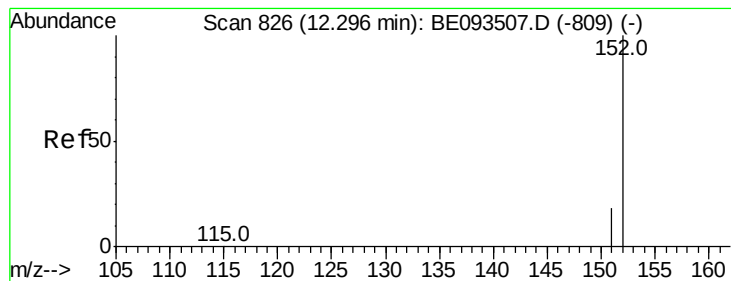
Ion Ratio Lower Upper

82 100

128 105.3 17.0 25.4#

54 244.9 53.8 80.6#

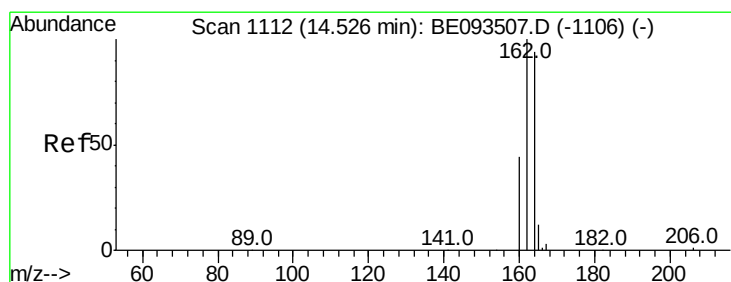
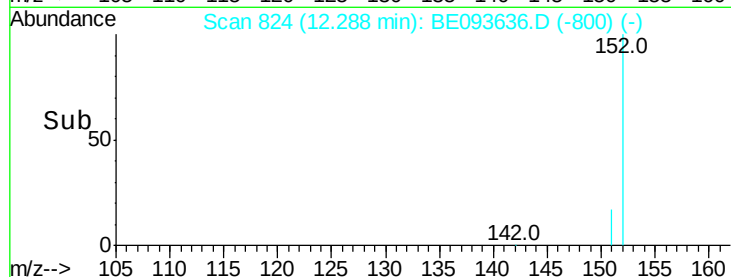
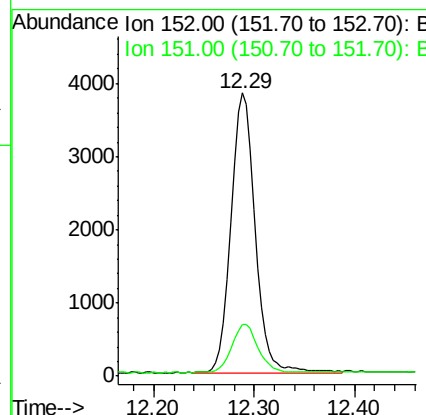
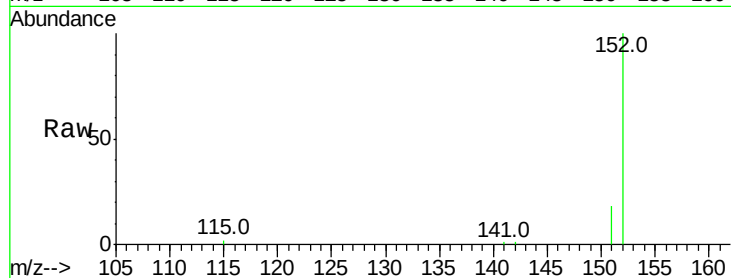




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.29 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE093636.D
Acq: 2 Aug 2017 21:10

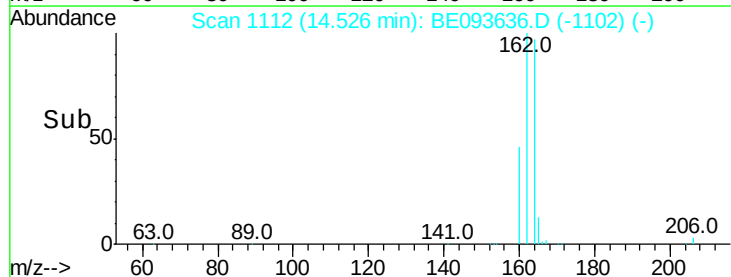
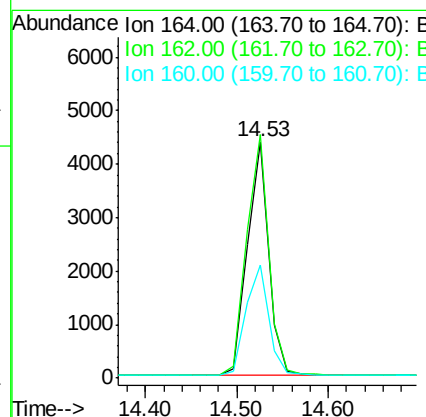
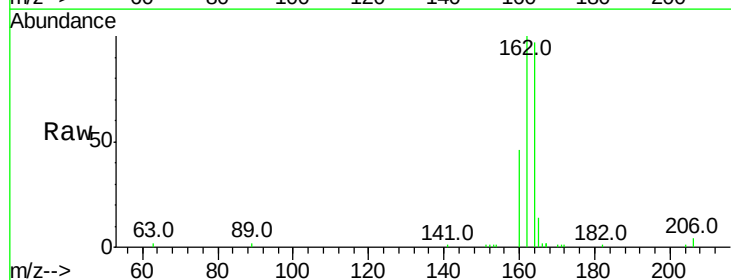
Instrument :
BNA_E
ClientSampleId :
CSMW-100-0717

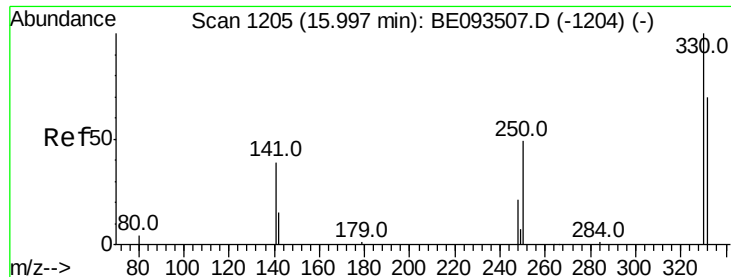
Tot Ion:152 Resp: 6360
Ion Ratio Lower Upper
152 100
151 18.8 15.1 22.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE093636.D
Acq: 2 Aug 2017 21:10

Tgt Ion:164 Resp: 7180
Ion Ratio Lower Upper
164 100
162 102.9 84.6 127.0
160 47.6 41.8 62.6

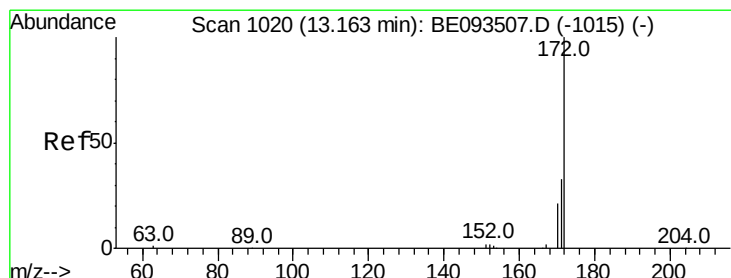
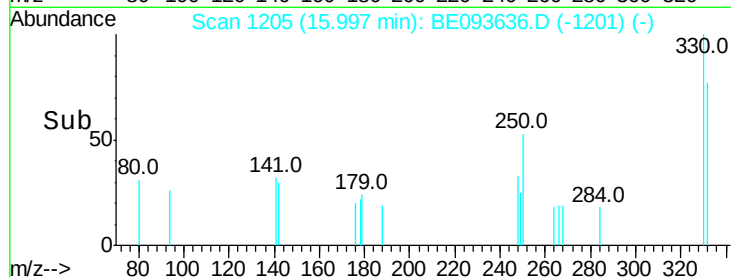
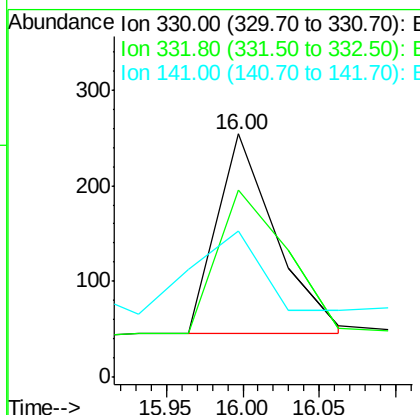
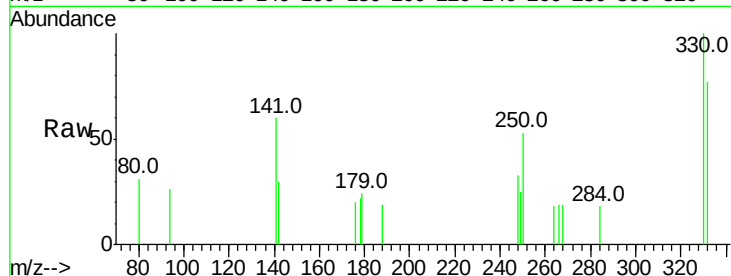




#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093636.D
 Acq: 2 Aug 2017 21:10

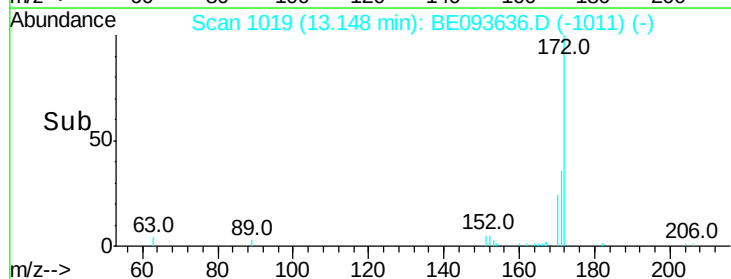
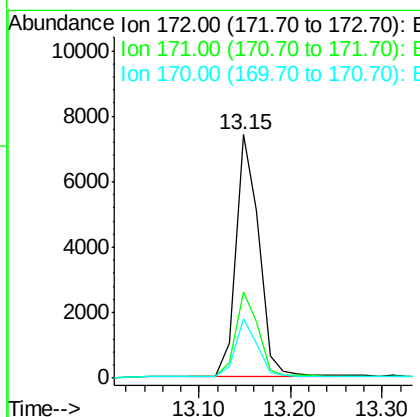
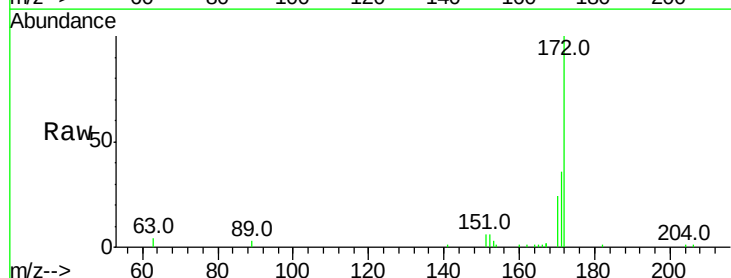
Instrument :
 BNA_E
 ClientSampleId :
 CSMW-100-0717

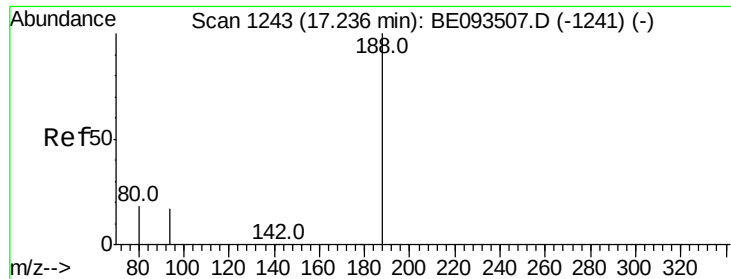
Tot Ion:330 Resp: 559
 Ion Ratio Lower Upper
 330 100
 332 85.3 77.7 116.5
 141 47.9 56.2 84.4#



#15
 2-Fluorobiphenyl
 Concen: 0.450 ng
 RT: 13.15 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BE093636.D
 Acq: 2 Aug 2017 21:10

Tgt Ion:172 Resp: 12931
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 24.4 20.7 31.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717

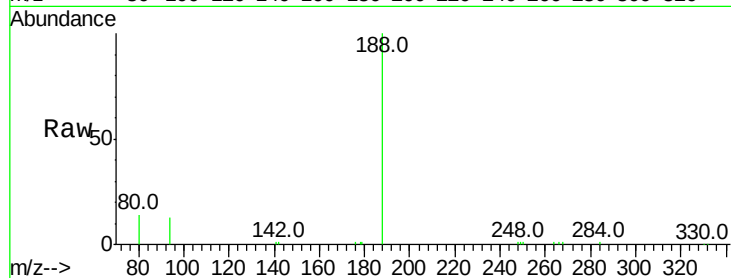
Tot Ion:188 Resp: 19471

Ion Ratio Lower Upper

188 100

94 13.4 11.3 16.9

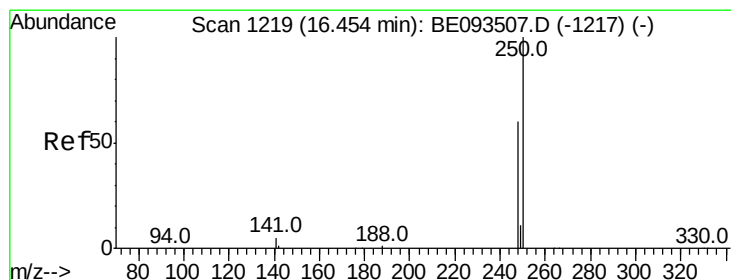
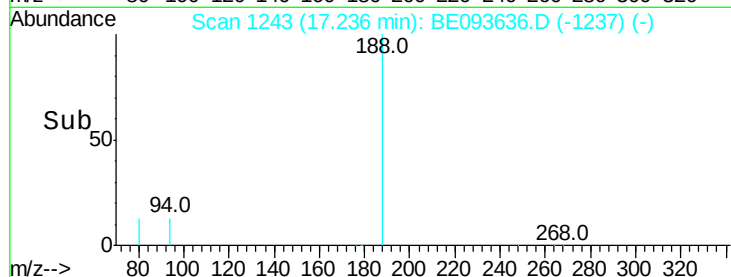
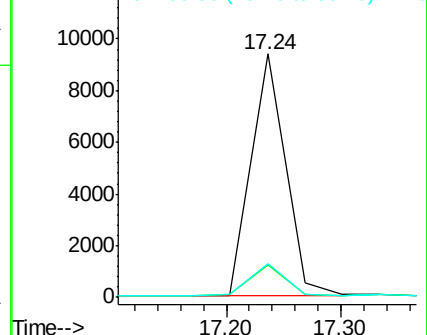
80 13.9 11.7 17.5



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



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.42 min Scan# 1218

Delta R.T. -0.03 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

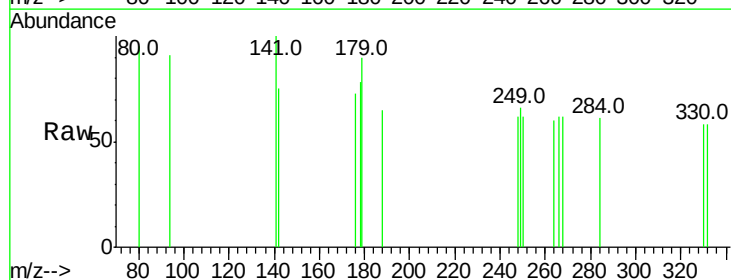
Tgt Ion:248 Resp: 6

Ion Ratio Lower Upper

248 100

250 100.0 128.0 192.0#

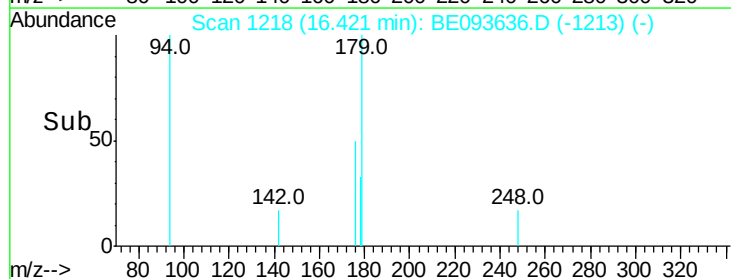
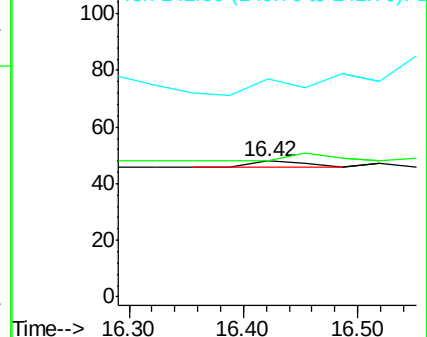
141 160.4 12.0 18.0#

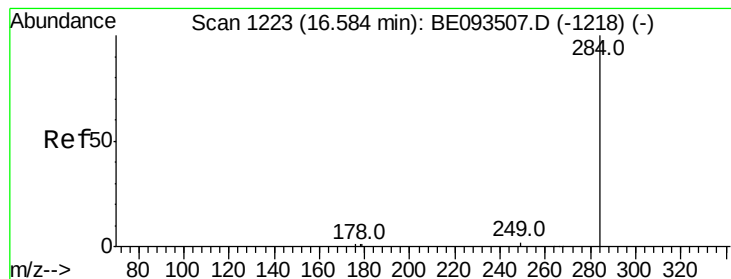


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717

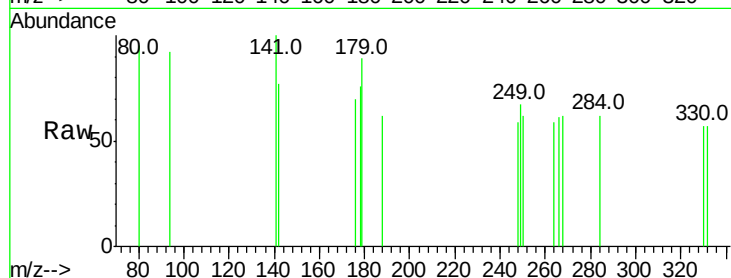
Tot Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

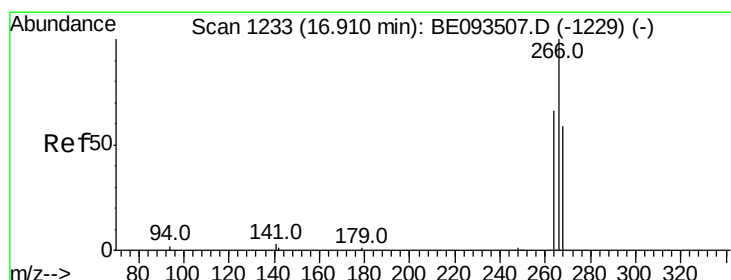
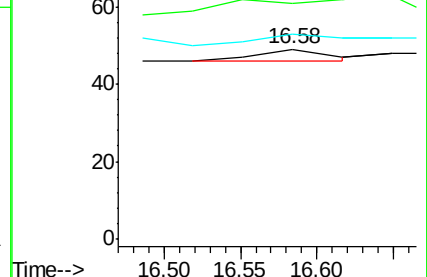
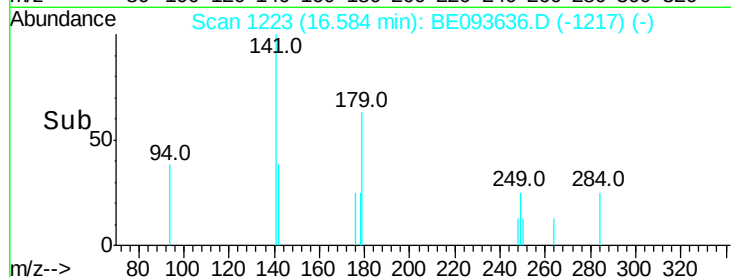
249 0.0 0.0 0.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.161 ng

RT: 16.91 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

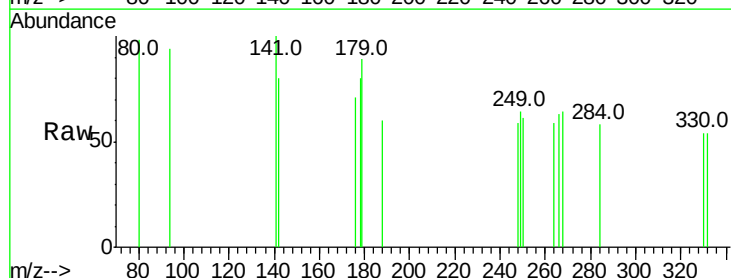
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

264 94.2 56.0 84.0#

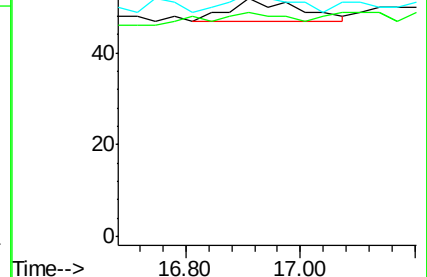
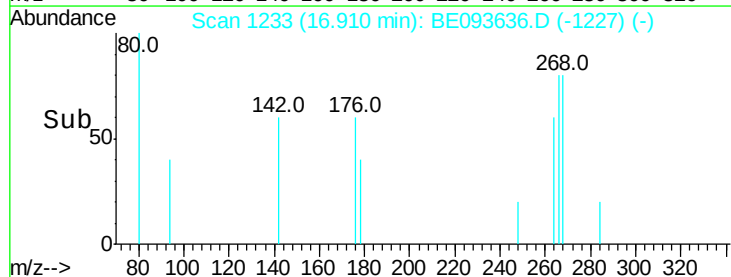
268 101.9 52.0 78.0#

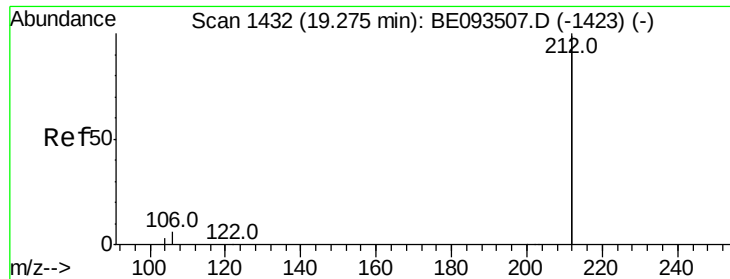


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.315 ng

RT: 19.27 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

Instrument :

BNA_E

ClientSampleId :

CSMW-100-0717

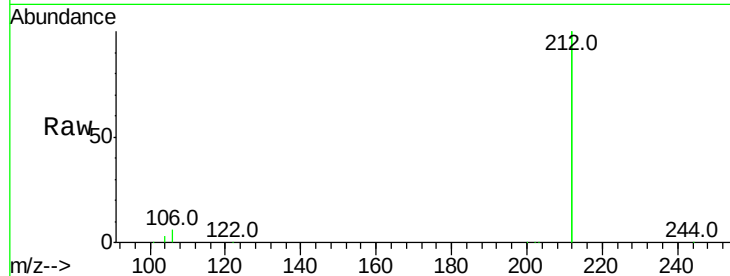
Tot Ion:212 Resp: 69731

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

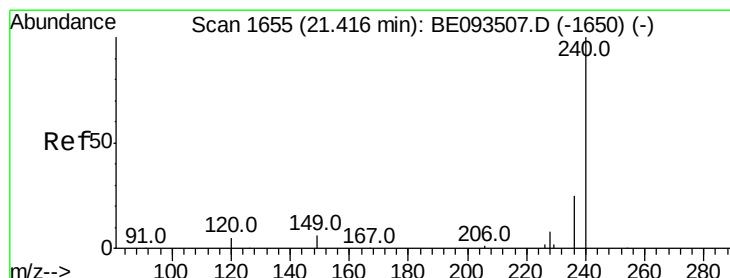
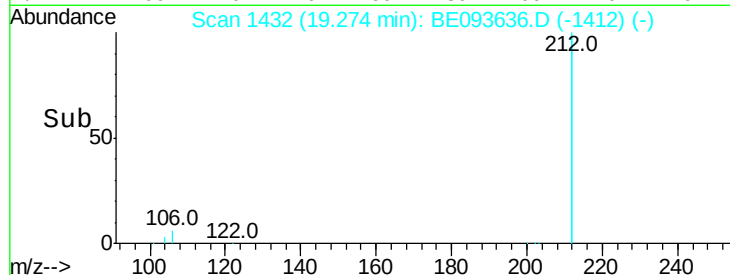
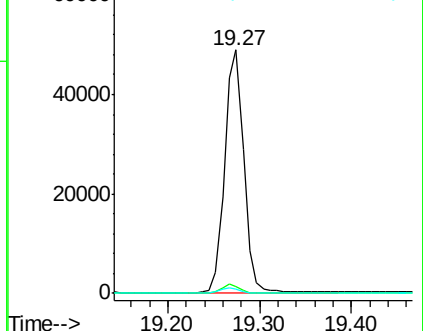
104 2.0 1.6 2.4



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: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093636.D

Acq: 2 Aug 2017 21:10

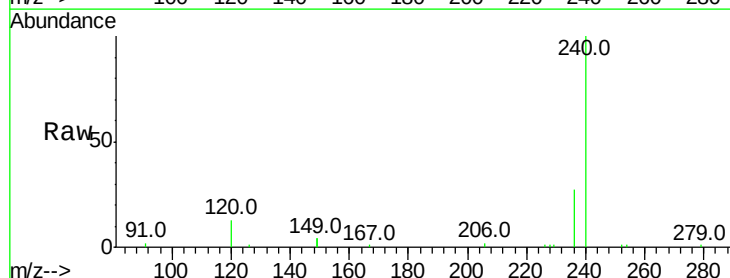
Tgt Ion:240 Resp: 19340

Ion Ratio Lower Upper

240 100

120 12.8 4.6 7.0#

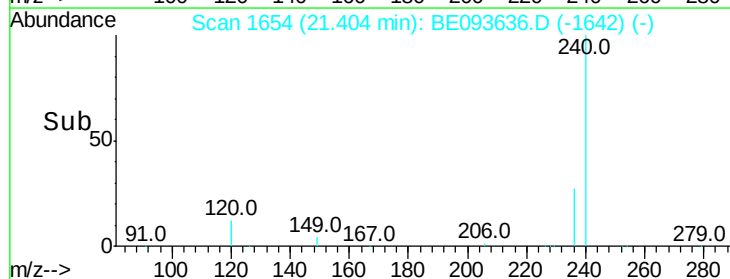
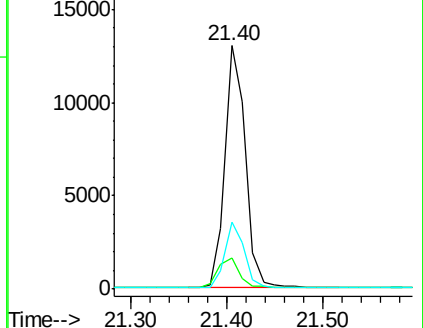
236 27.5 20.8 31.2

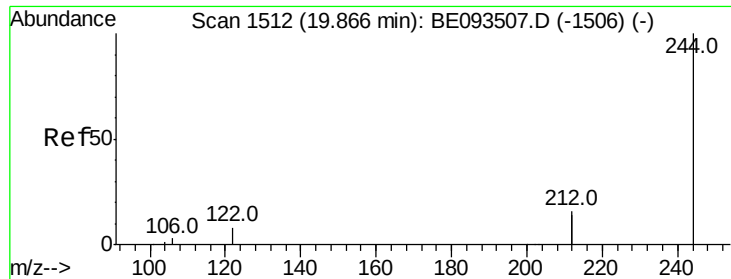


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

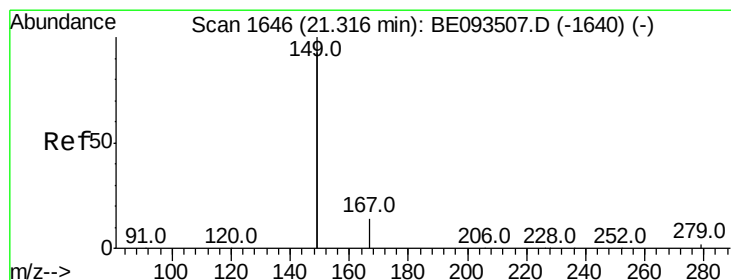
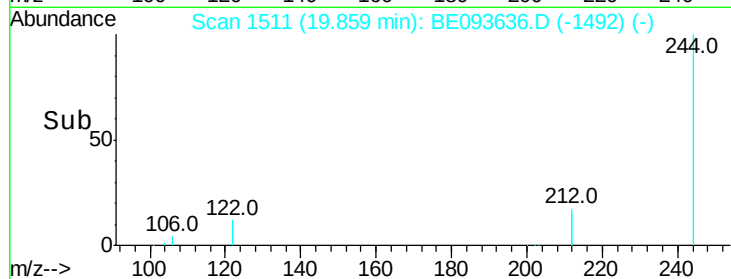
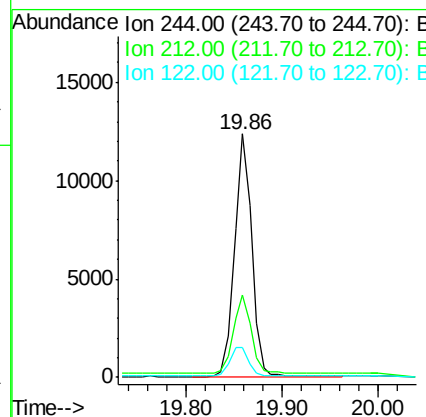
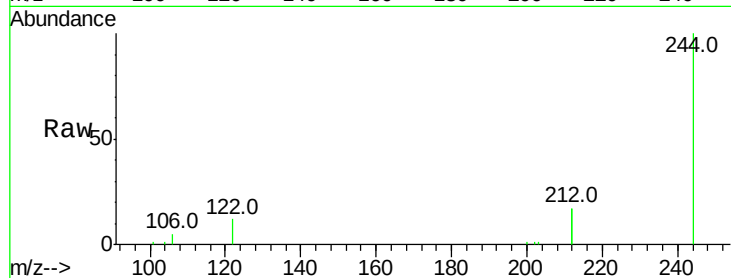




#29
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.86 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BE093636.D
 Acq: 2 Aug 2017 21:10

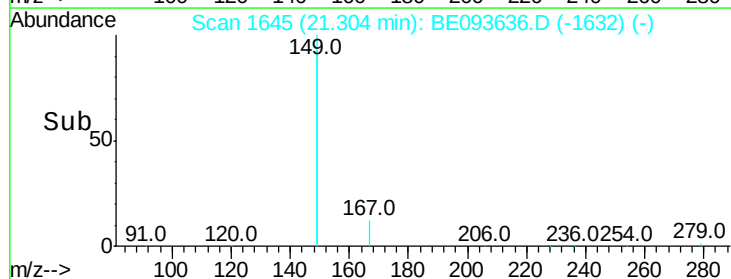
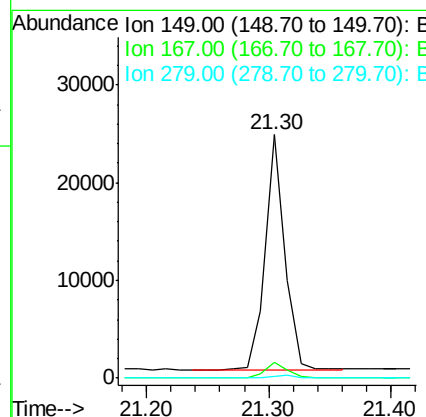
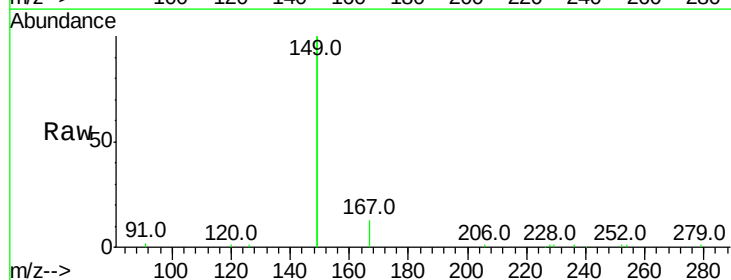
Instrument :
 BNA_E
 ClientSampleId :
 CSMW-100-0717

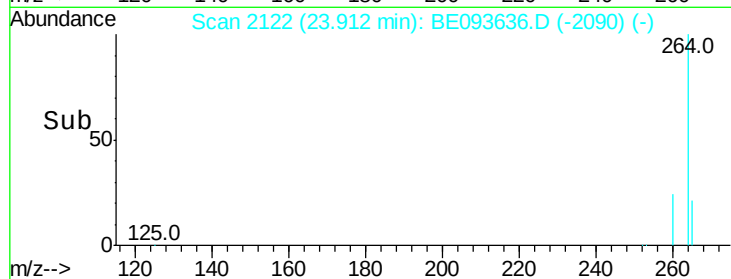
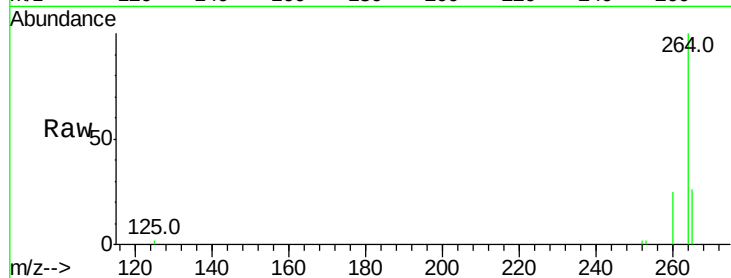
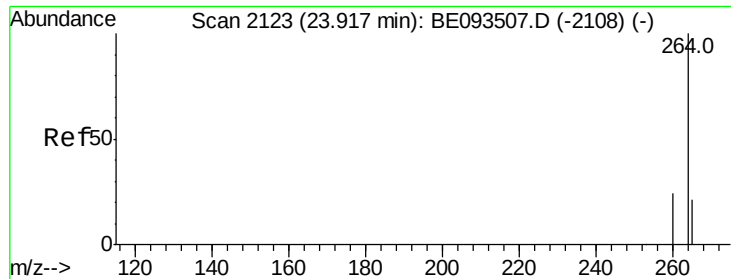
Tot Ion:244 Resp: 15302
 Ion Ratio Lower Upper
 244 100
 212 33.6 10.6 16.0#
 122 12.3 15.4 23.0#



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.348 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093636.D
 Acq: 2 Aug 2017 21:10

Tgt Ion:149 Resp: 26963
 Ion Ratio Lower Upper
 149 100
 167 6.5 4.8 7.2
 279 0.9 0.8 1.2





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093636.D
 Acq: 2 Aug 2017 21:10

Instrument :
 BNA_E
 ClientSampleId :
 CSMW-100-0717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.0	31.4
265	25.8	24.6	36.8

