

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080217\
 Data File : BE093634.D
 Acq On : 2 Aug 2017 19:55
 Operator : SJ/JU
 Sample : I4426-05
 Misc : I4426-07
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CSMW-101-0717

Quant Time: Aug 03 02:48:10 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

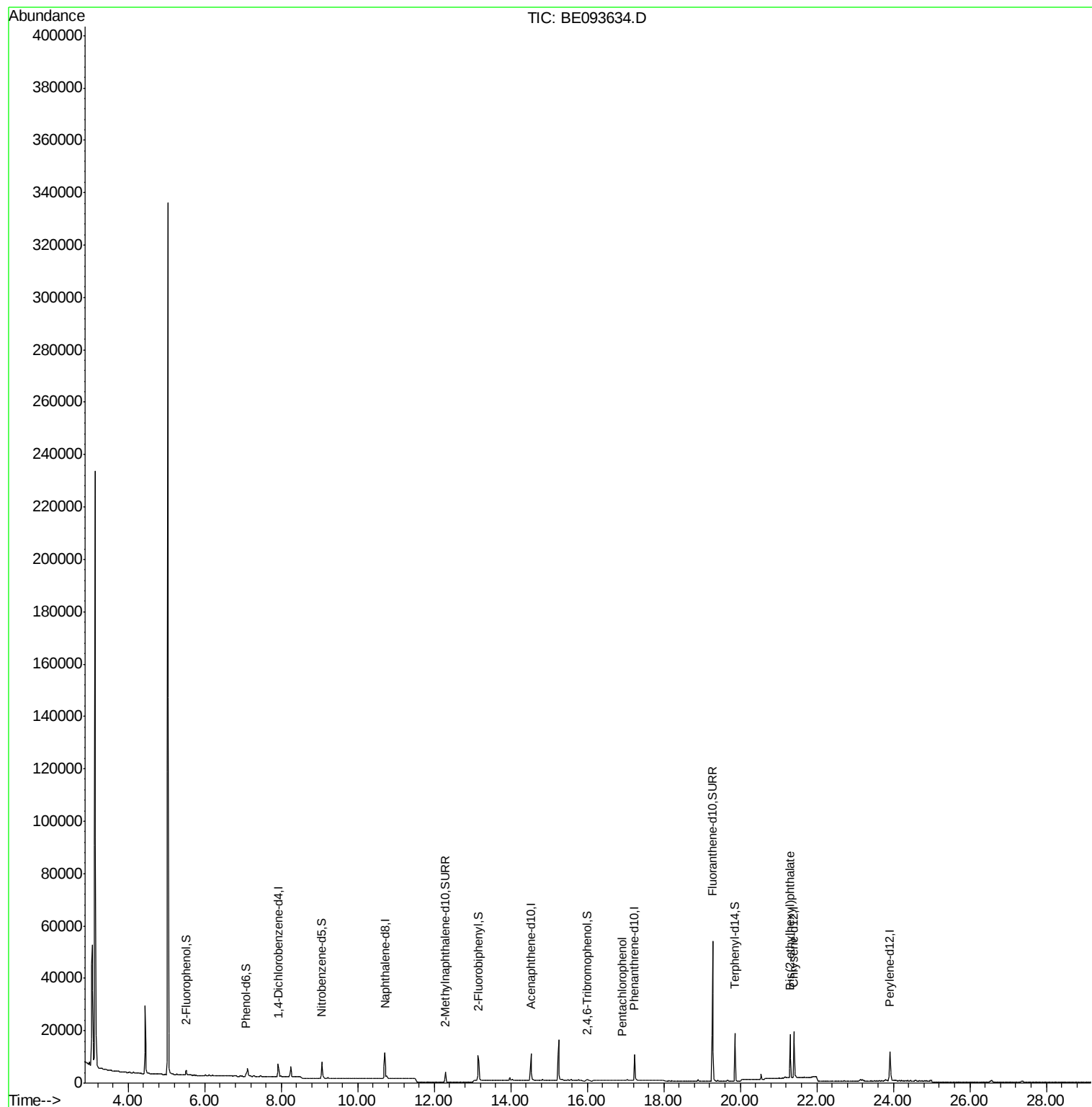
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2519	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11686	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6101	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16322	0.40	ng	0.00
27) Chrysene-d12	21.40	240	18824	0.40	ng	-0.01
34) Perylene-d12	23.91	264	16574	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1153	0.15	ng	0.00
5) Phenol-d6	7.09	99	997	0.09	ng	0.00
8) Nitrobenzene-d5	9.06	82	3124	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	6064	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	475	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	10112	0.41	ng	-0.02
25) Fluoranthene-d10	19.27	212	71362	0.39	ng	0.00
29) Terphenyl-d14	19.86	244	15137	0.45	ng	0.00
Target Compounds						
20) 4-Bromophenyl-phenylether	16.45	248	12	Below Cal	#	37
21) Hexachlorobenzene	16.58	284	12	Below Cal	#	100
22) Pentachlorophenol	16.91	266	29	0.160 ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.30	149	18083	0.240 ng		98

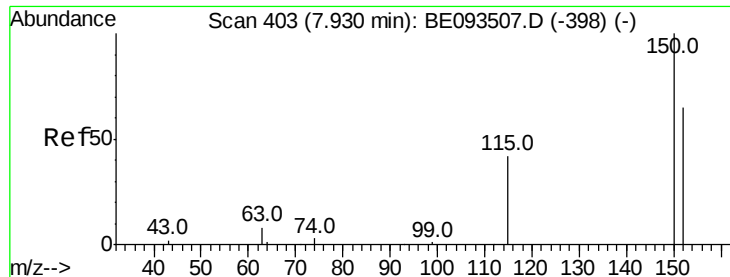
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 02 10:58:31 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.01 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

Instrument :

BNA_E

ClientSampleId :

CSMW-101-0717

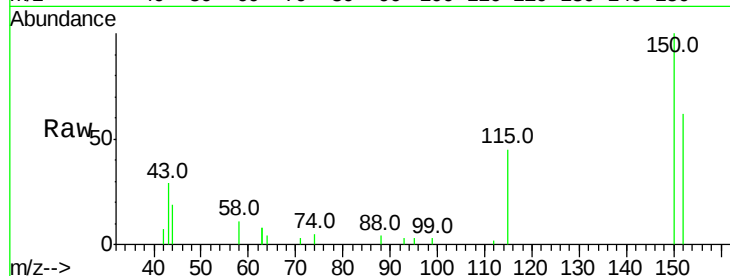
Tot Ion:152 Resp: 2519

Ion Ratio Lower Upper

152 100

150 160.7 125.1 187.7

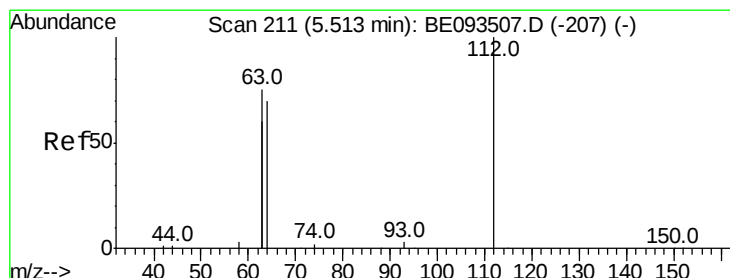
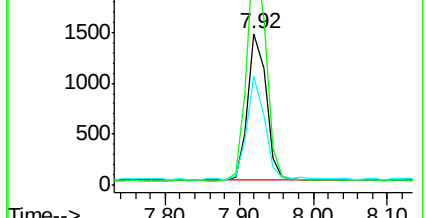
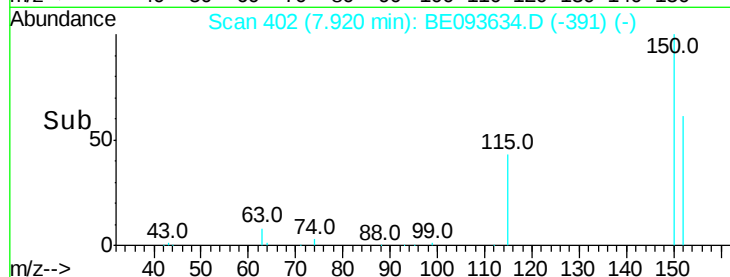
115 71.9 55.7 83.5



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



#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

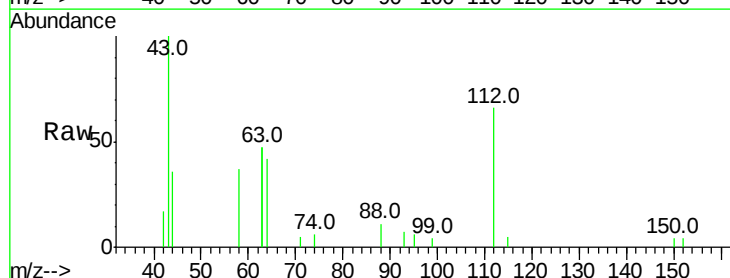
Tgt Ion:112 Resp: 1153

Ion Ratio Lower Upper

112 100

64 67.5 56.4 84.6

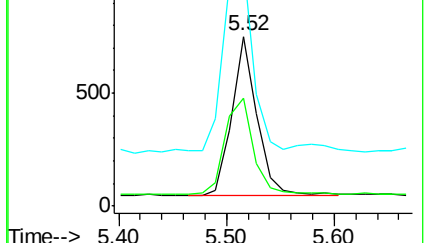
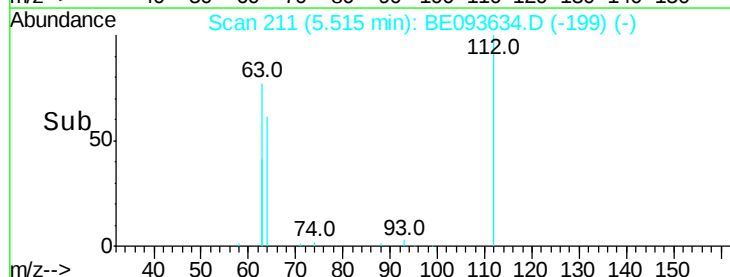
63 141.9 29.3 43.9#

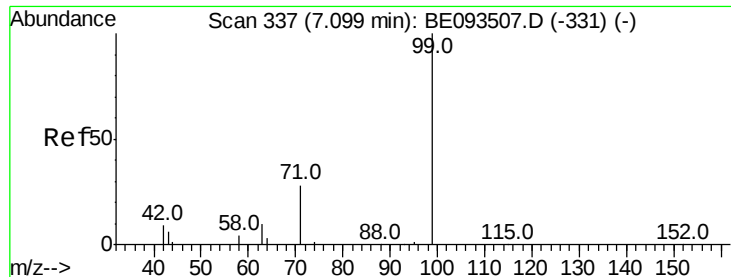


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.088 ng

RT: 7.09 min Scan# 336

Delta R.T. -0.01 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

Instrument :

BNA_E

ClientSampleId :

CSMW-101-0717

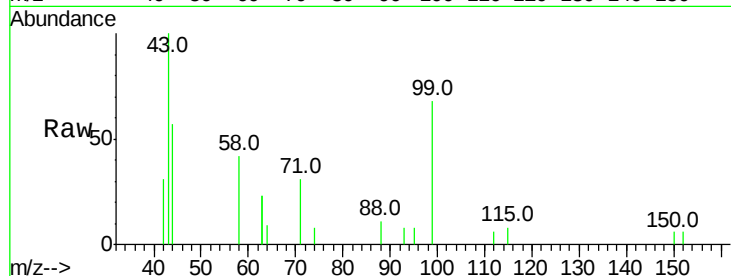
Tot Ion: 99 Resp: 997

Ion Ratio Lower Upper

99 100

42 29.9 0.0 0.0#

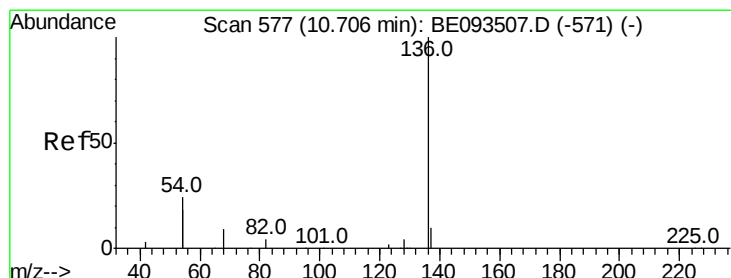
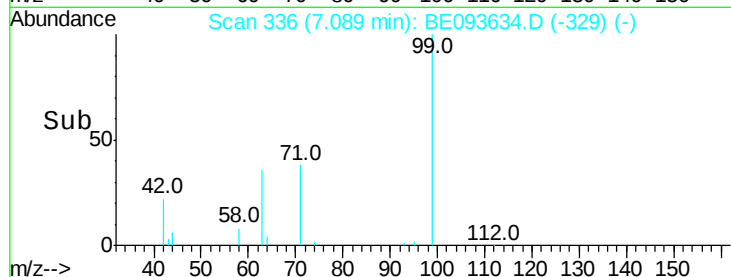
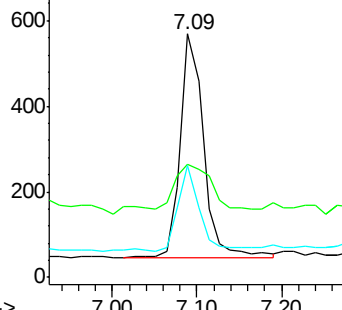
71 35.9 0.0 0.0#



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: BE093634.D

Acq: 2 Aug 2017 19:55

Tgt Ion: 136 Resp: 11686

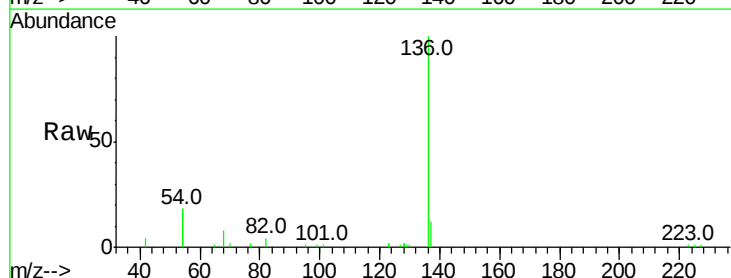
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 36.2 10.3 15.5#

68 7.7 9.0 13.4#

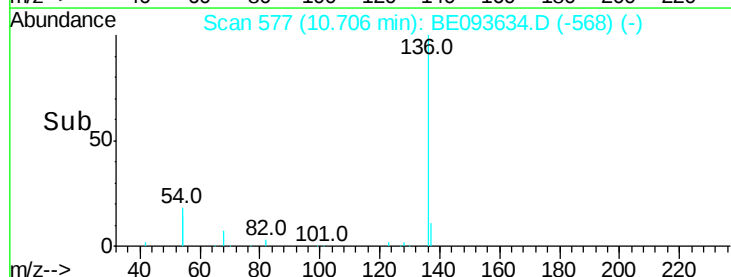
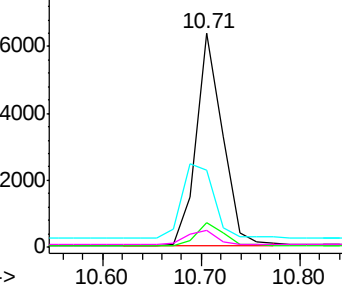


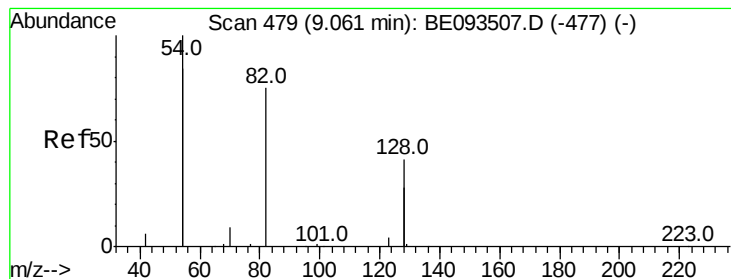
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

Instrument :

BNA_E

ClientSampleId :

CSMW-101-0717

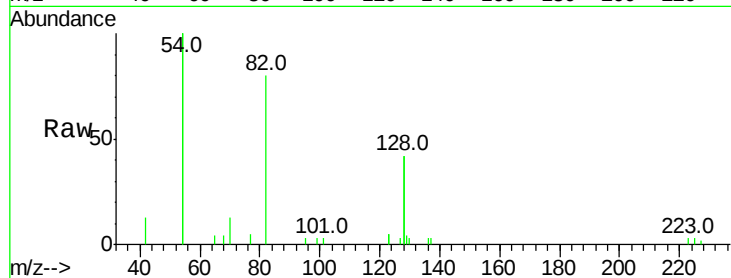
Tot Ion: 82 Resp: 3124

Ion Ratio Lower Upper

82 100

128 105.4 17.0 25.4#

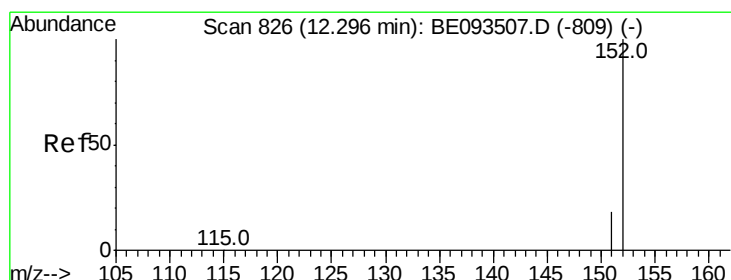
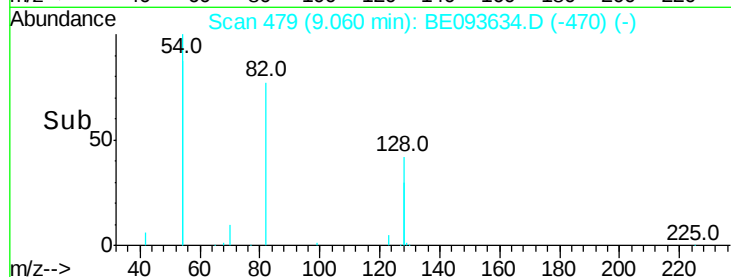
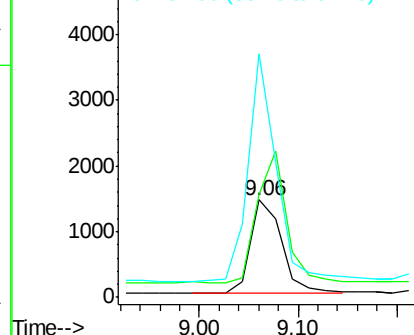
54 249.9 53.8 80.6#



Abundance Ion 82.00 (81.70 to 82.70): BE093507.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE093507.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE093507.D (-477) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093634.D

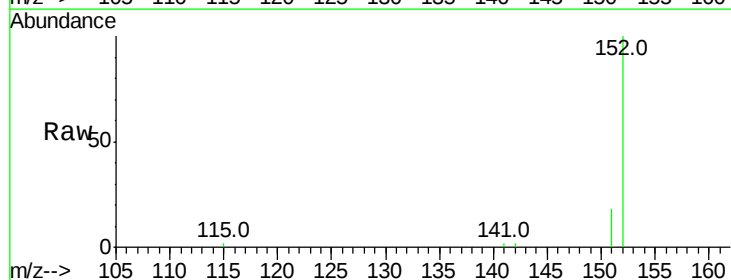
Acq: 2 Aug 2017 19:55

Tgt Ion: 152 Resp: 6064

Ion Ratio Lower Upper

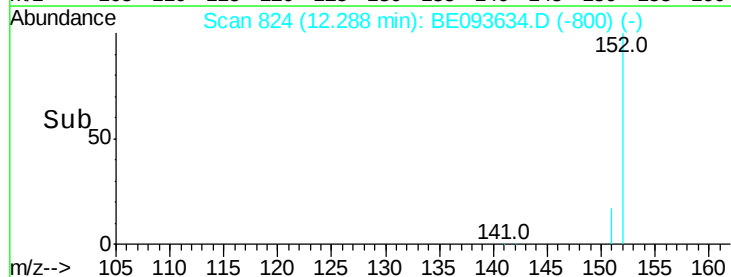
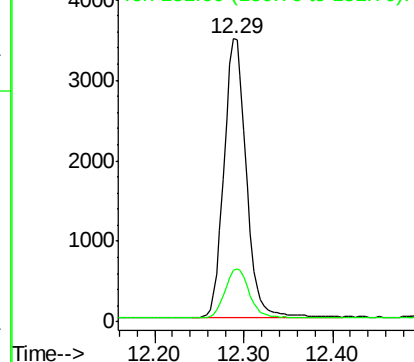
152 100

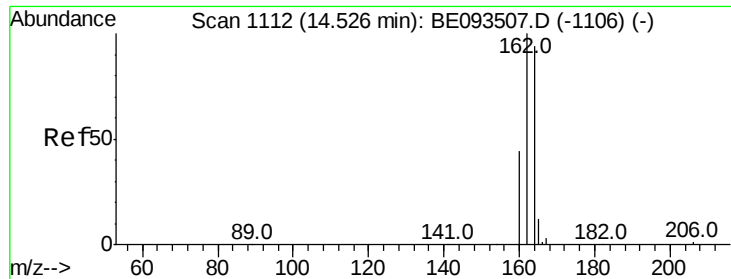
151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE093507.D (-809) (-)

Ion 151.00 (150.70 to 151.70): BE093507.D (-809) (-)

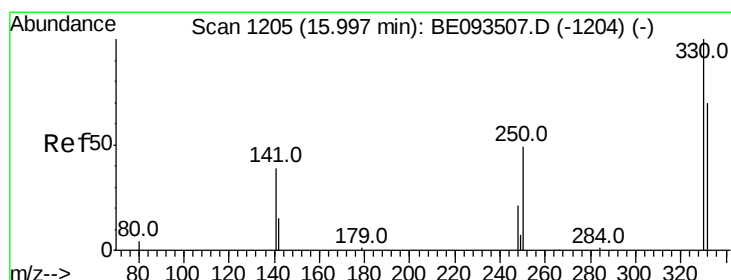
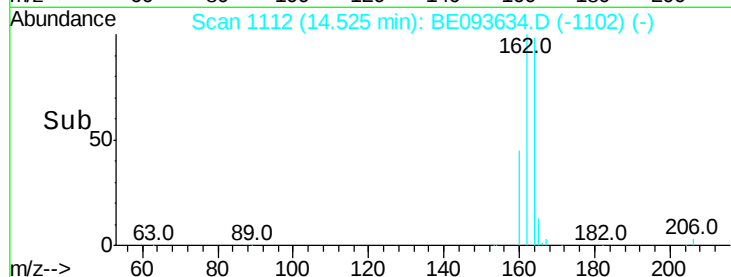
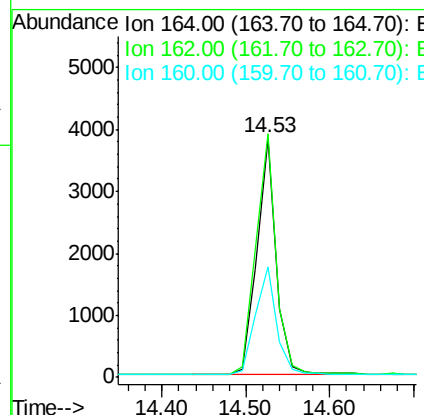
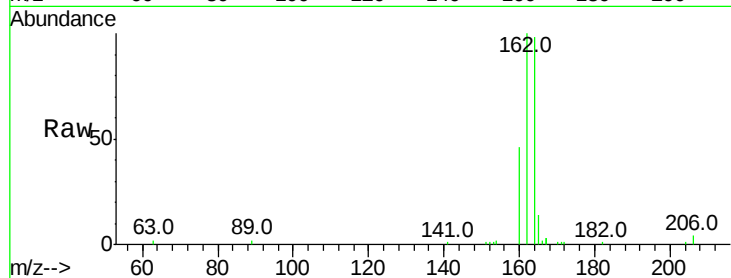




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

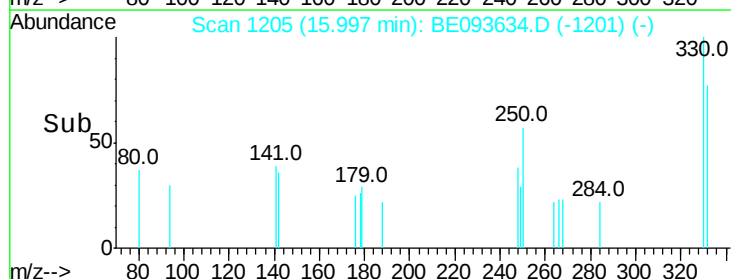
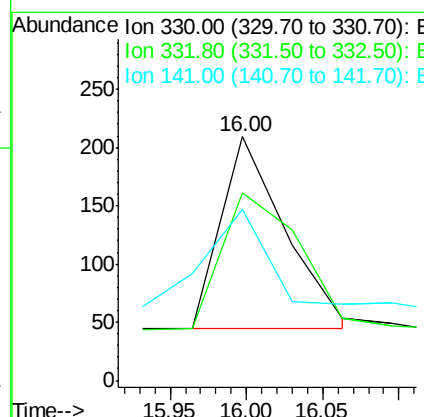
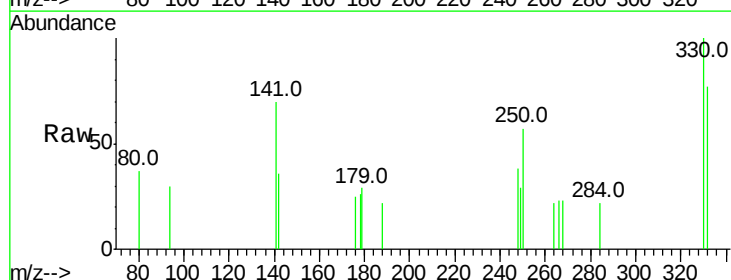
Instrument :
 BNA_E
 ClientSampleId :
 CSMW-101-0717

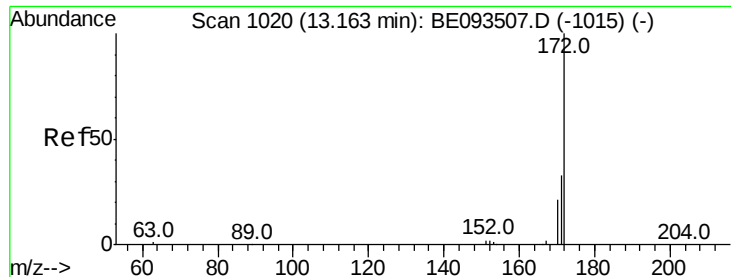
Tot Ion:164 Resp: 6101
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.6 127.0
 160 46.5 41.8 62.6



#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

Tgt Ion:330 Resp: 475
 Ion Ratio Lower Upper
 330 100
 332 87.4 77.7 116.5
 141 49.9 56.2 84.4#

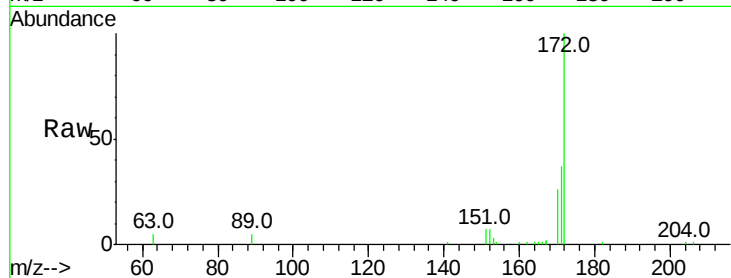




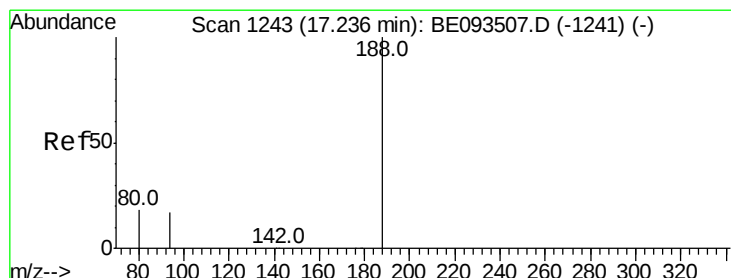
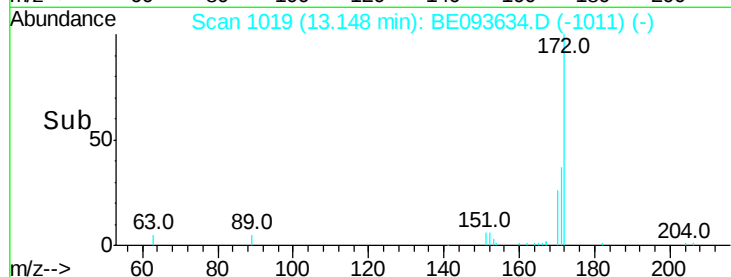
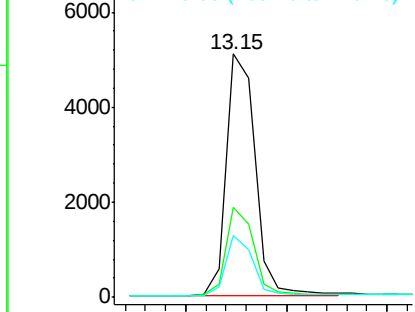
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BE093634.D
Acq: 2 Aug 2017 19:55

Instrument :
BNA_E
ClientSampleId :
CSMW-101-0717

Tot Ion:172 Resp: 10112
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.6
170 25.5 20.7 31.1

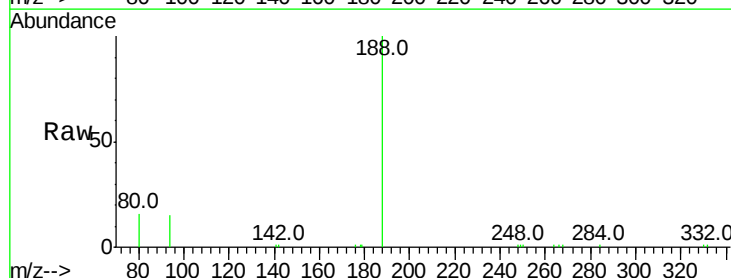


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

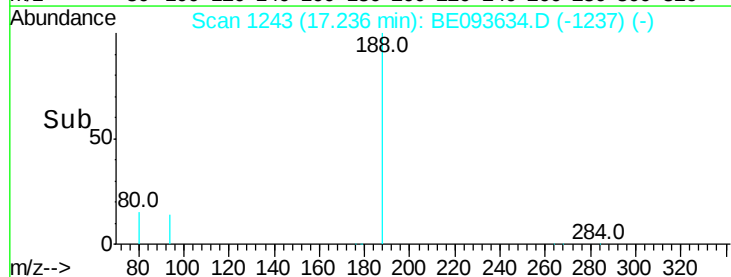
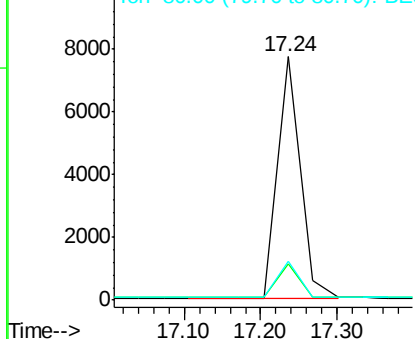


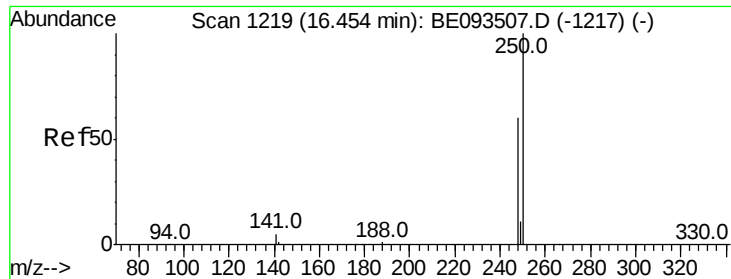
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BE093634.D
Acq: 2 Aug 2017 19:55

Tgt Ion:188 Resp: 16322
Ion Ratio Lower Upper
188 100
94 15.1 11.3 16.9
80 16.0 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

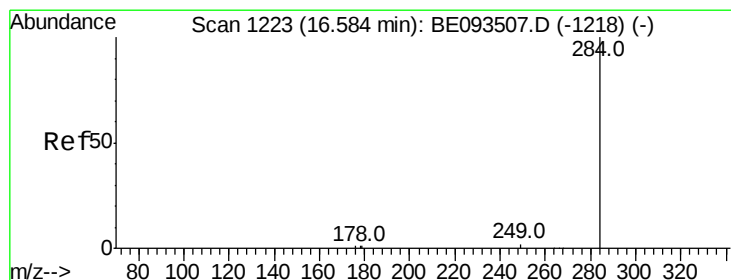
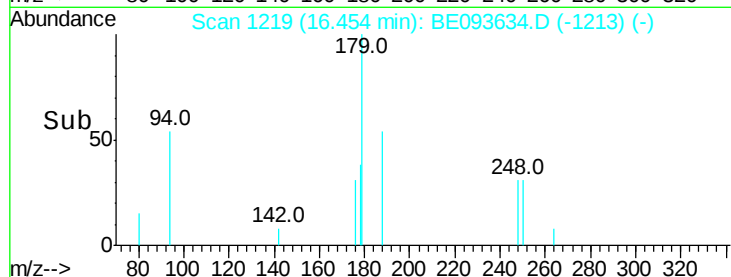
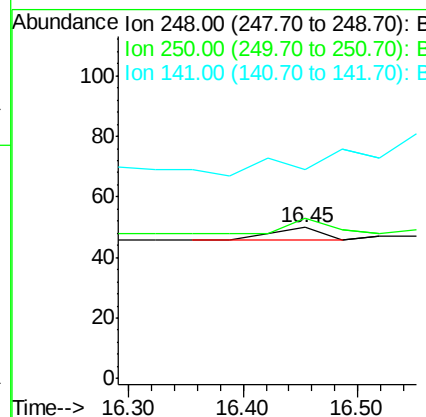
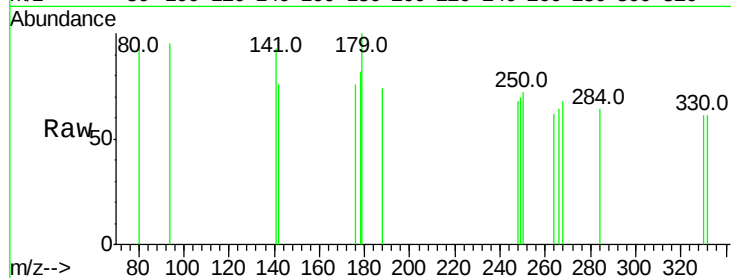




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.45 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BE093634.D
Acq: 2 Aug 2017 19:55

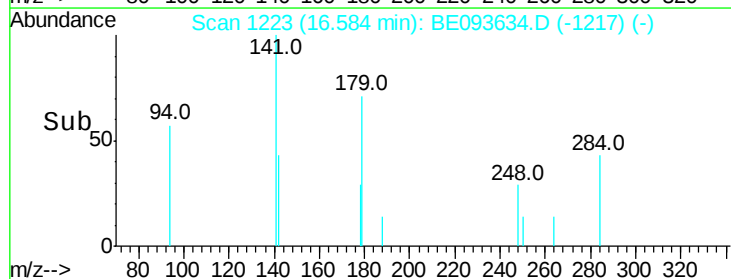
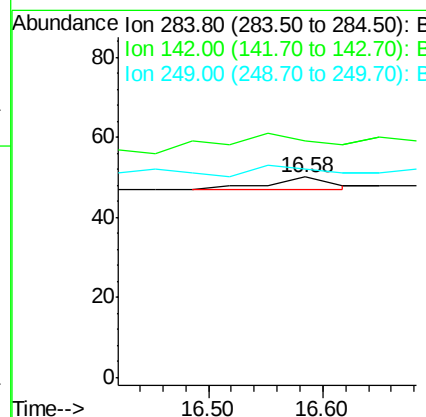
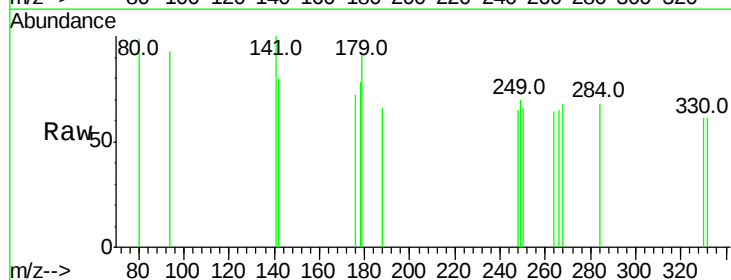
Instrument :
BNA_E
ClientSampleId :
CSMW-101-0717

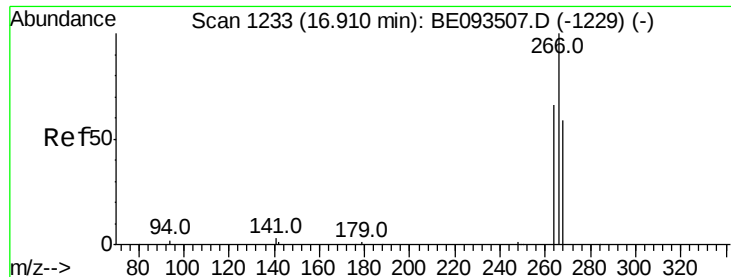
Tot Ion:248 Resp: 12
Ion Ratio Lower Upper
248 100
250 106.0 128.0 192.0#
141 138.0 12.0 18.0#



#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE093634.D
Acq: 2 Aug 2017 19:55

Tgt Ion:284 Resp: 12
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

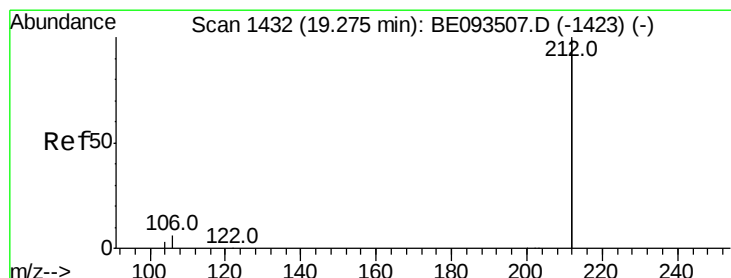
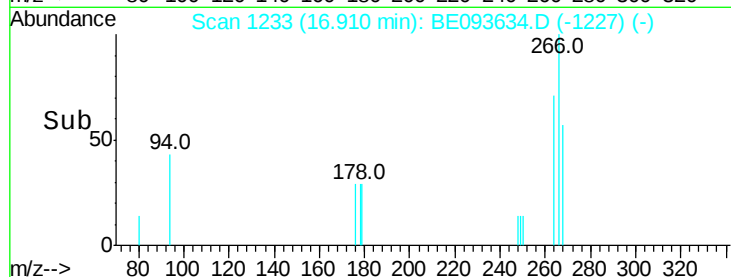
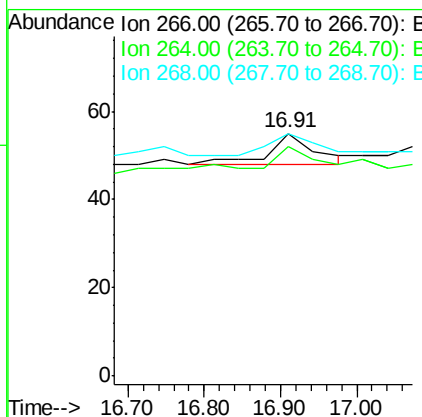
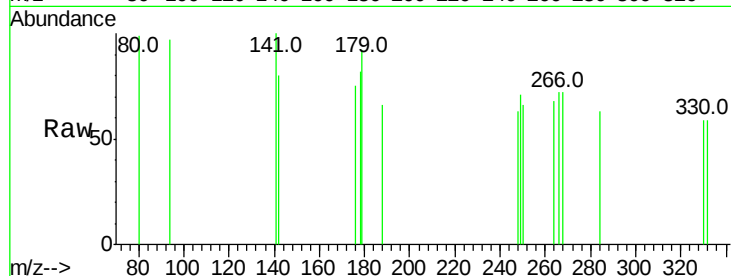




#22
 Pentachlorophenol
 Concen: 0.160 ng
 RT: 16.91 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

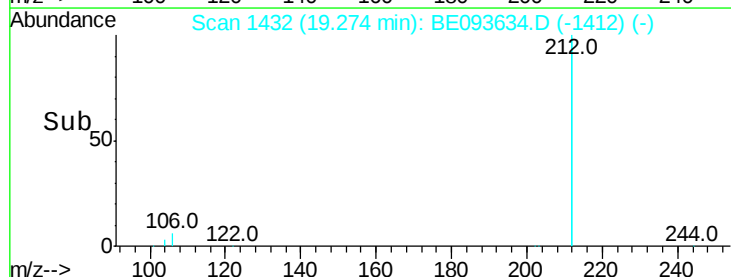
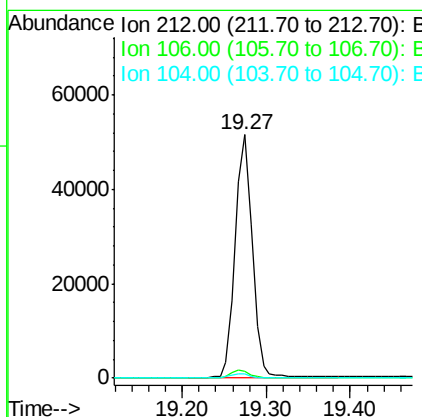
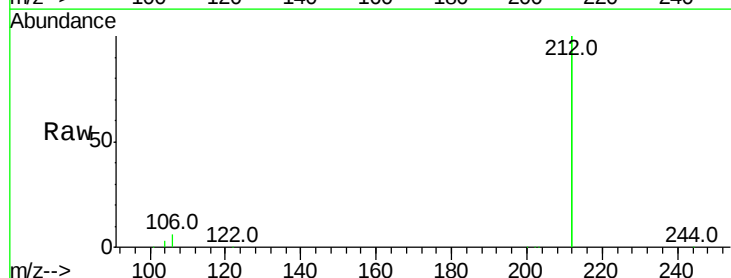
Instrument :
 BNA_E
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 CSMW-101-0717

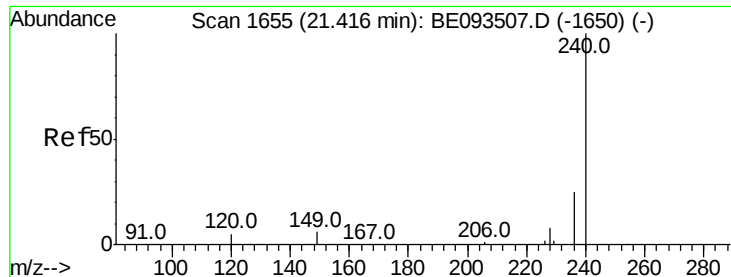
Tot Ion:266 Resp: 29
 Ion Ratio Lower Upper
 266 100
 264 94.5 56.0 84.0#
 268 100.0 52.0 78.0#



#25
 Fluoranthene-d10
 Concen: 0.385 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

Tgt Ion:212 Resp: 71362
 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: 21.40 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

Instrument :

BNA_E

ClientSampleId :

CSMW-101-0717

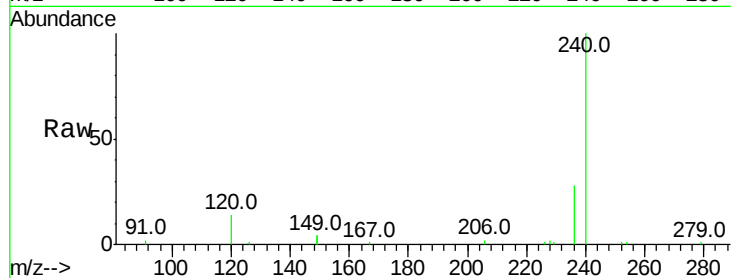
Tot Ion:240 Resp: 18824

Ion Ratio Lower Upper

240 100

120 14.2 4.6 7.0#

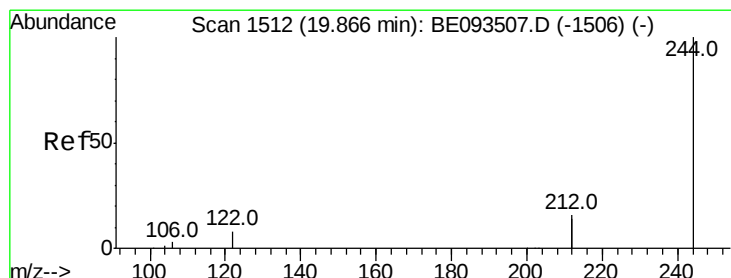
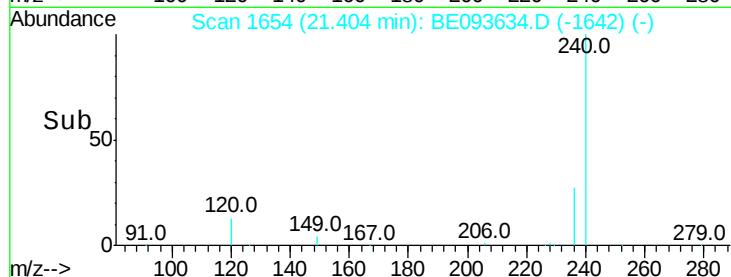
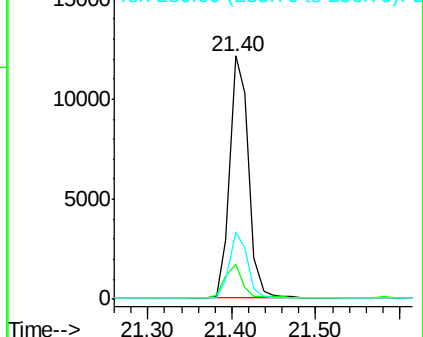
236 27.6 20.8 31.2



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: 0.448 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093634.D

Acq: 2 Aug 2017 19:55

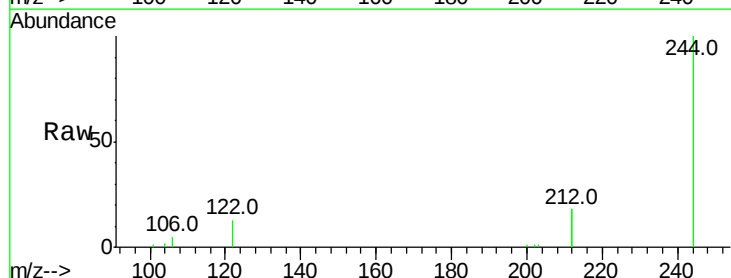
Tgt Ion:244 Resp: 15137

Ion Ratio Lower Upper

244 100

212 35.2 10.6 16.0#

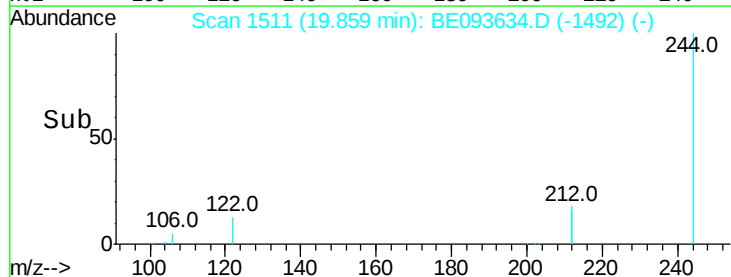
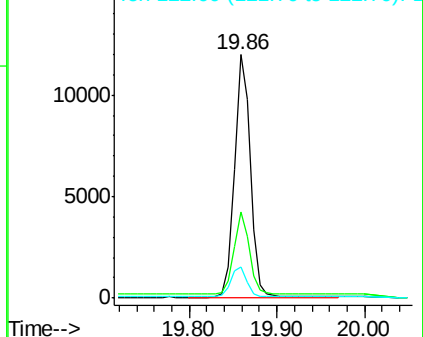
122 13.0 15.4 23.0#

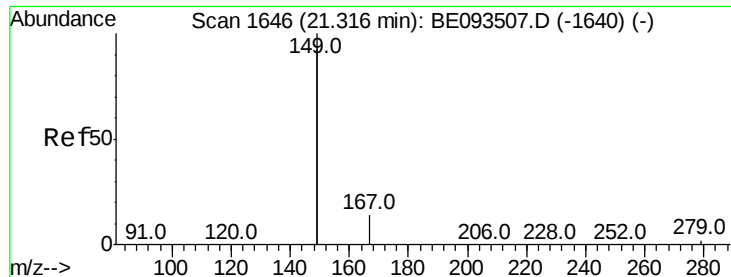


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

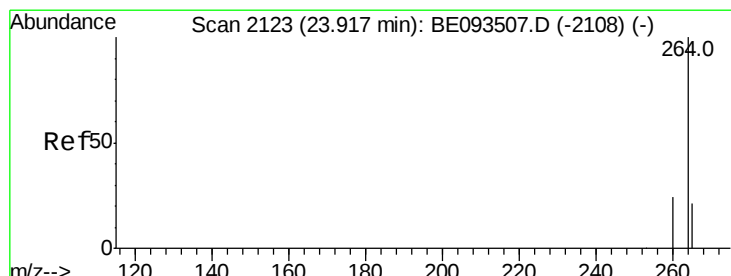
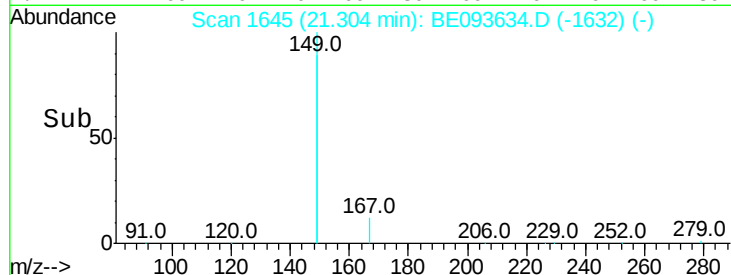
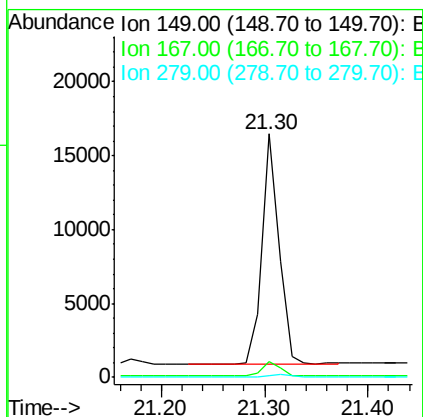
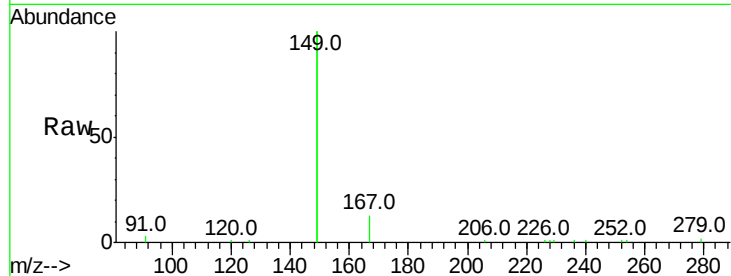




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.240 ng
 RT: 21.30 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

Instrument :
 BNA_E
 ClientSampleId :
 CSMW-101-0717

Tot Ion:149 Resp: 18083
 Ion Ratio Lower Upper
 149 100
 167 6.7 4.8 7.2
 279 0.9 0.8 1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.91 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BE093634.D
 Acq: 2 Aug 2017 19:55

Tgt Ion:264 Resp: 16574
 Ion Ratio Lower Upper
 264 100
 260 25.1 21.0 31.4
 265 25.4 24.6 36.8

