

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE091117\
 Data File : BE093963.D
 Acq On : 11 Sep 2017 15:18
 Operator : SJ/JU
 Sample : I5167-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS083061

Quant Time: Sep 12 07:42:00 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	2277	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11944	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	7108	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16710	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	17465	0.40	ng	-0.01
34) Perylene-d12	23.93	264	13575	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.52	112	1092	0.15	ng	0.00
5) Phenol-d6	7.11	99	856	0.08	ng	0.00
8) Nitrobenzene-d5	9.08	82	3500	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5610	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	530	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	8439	0.30	ng	-0.01
25) Fluoranthene-d10	19.27	212	60049	0.24	ng	0.00
29) Terphenyl-d14	19.86	244	12153	0.38	ng	-0.02

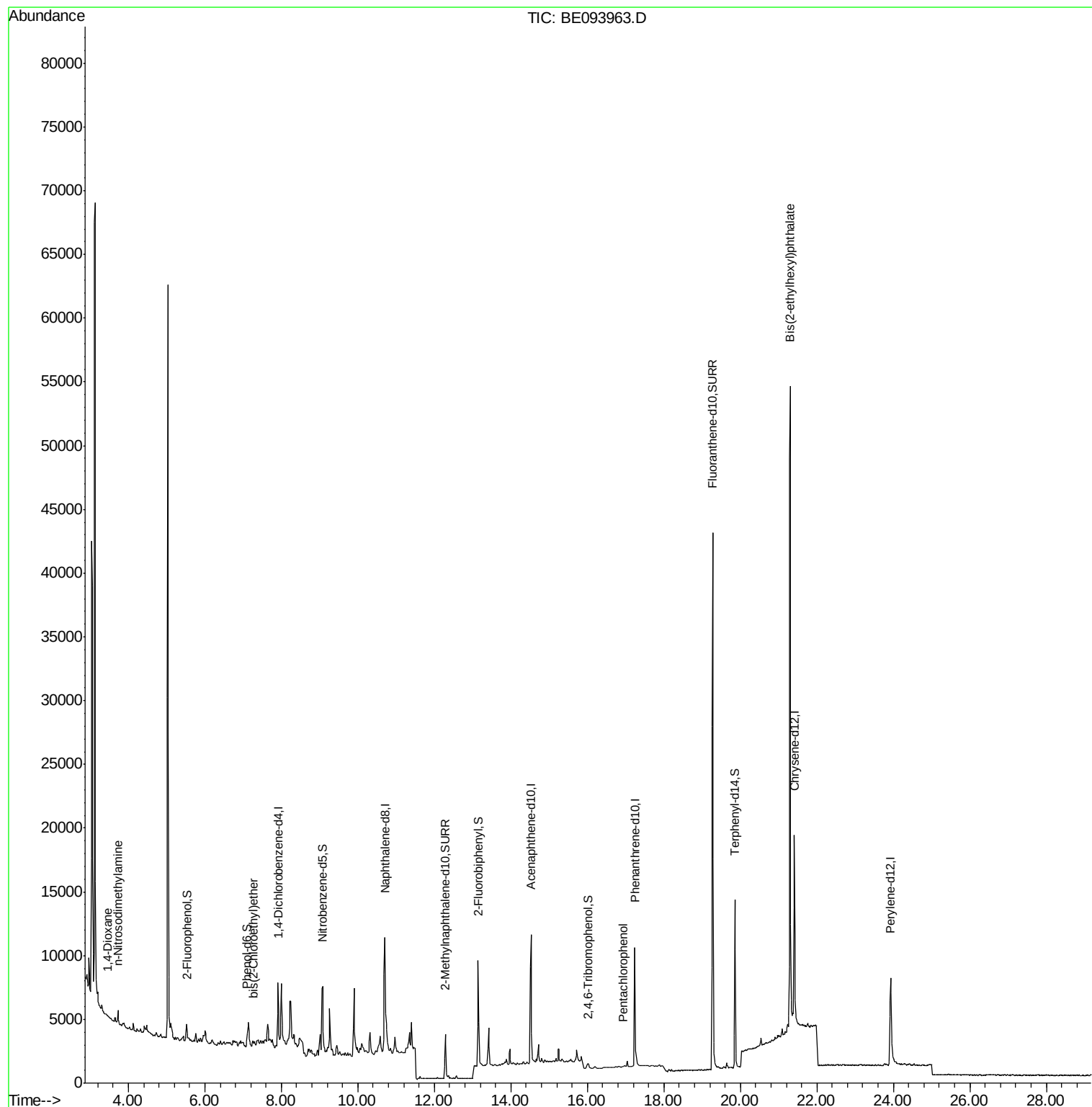
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	122	0.039	ng	# 18
3) n-Nitrosodimethylamine	3.72	42	167	0.045	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	381	0.042	ng	# 1
20) 4-Bromophenyl-phenylether	16.42	248	14	Below Cal		# 7
22) Pentachlorophenol	16.94	266	72	0.027	ng	# 72
23) Phenanthrene	17.27	178	555	Below Cal		# 63
32) Bis(2-ethylhexyl)phthalate	21.30	149	69671	0.535	ng	99

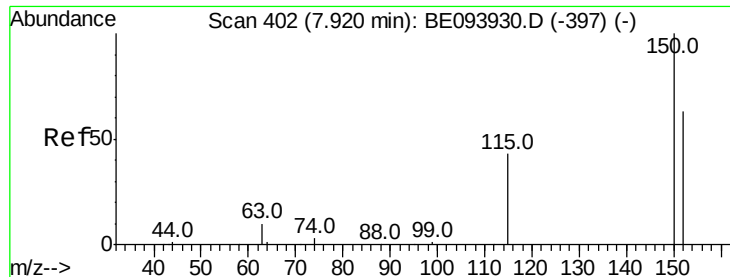
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

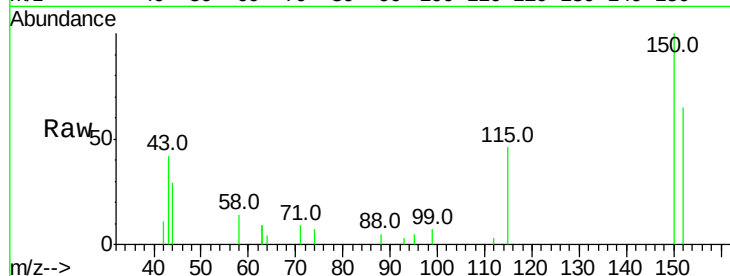
Tot Ion:152 Resp: 2277

Ion Ratio Lower Upper

152 100

150 154.6 121.8 182.6

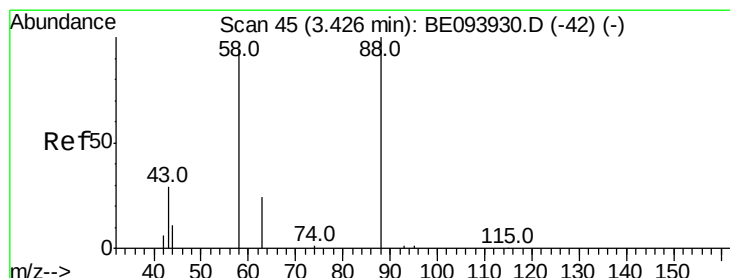
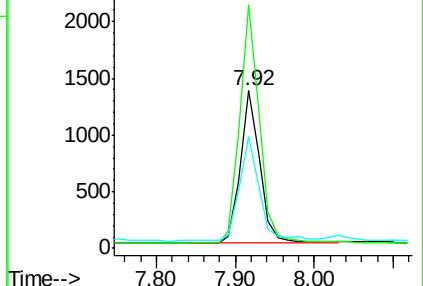
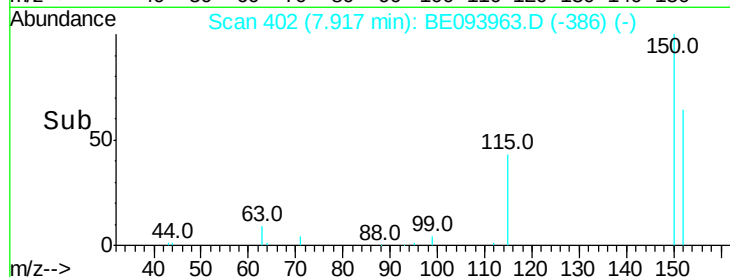
115 70.6 52.6 79.0



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



#2

1,4-Dioxane

Concen: 0.039 ng

RT: 3.46 min Scan# 48

Delta R.T. 0.03 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

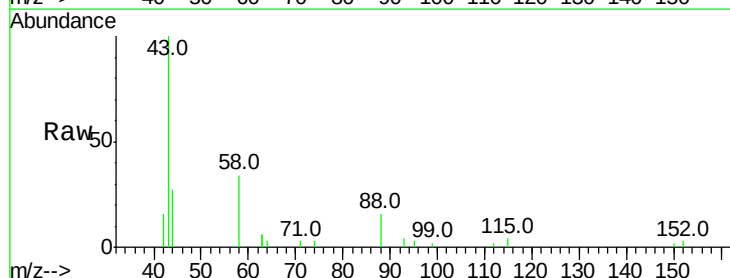
Tgt Ion: 88 Resp: 122

Ion Ratio Lower Upper

88 100

58 0.0 65.4 98.0#

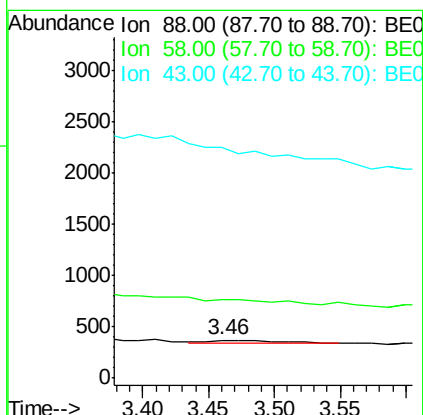
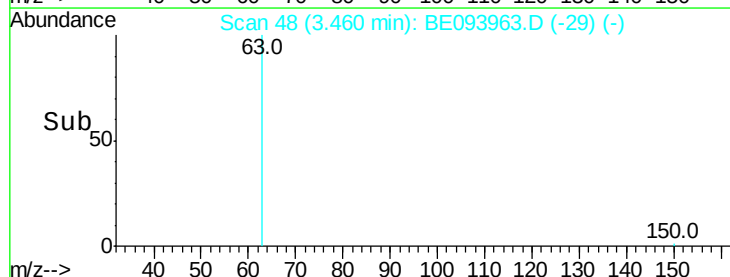
43 0.0 23.9 35.9#

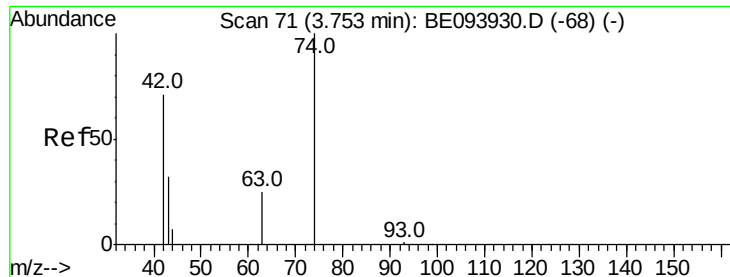


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.045 ng

RT: 3.72 min Scan# 69

Delta R.T. -0.03 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

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CPS083061

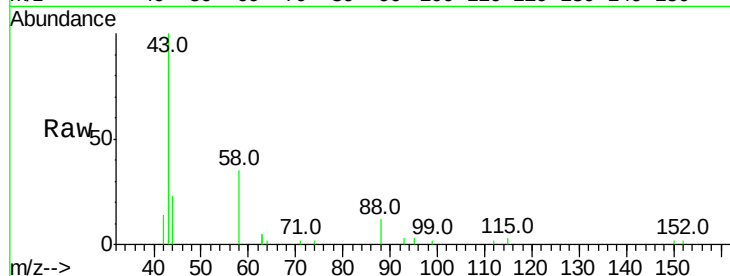
Tot Ion: 42 Resp: 167

Ion Ratio Lower Upper

42 100

74 0.0 104.0 156.0#

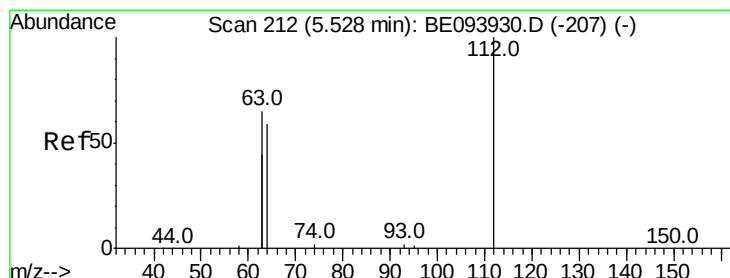
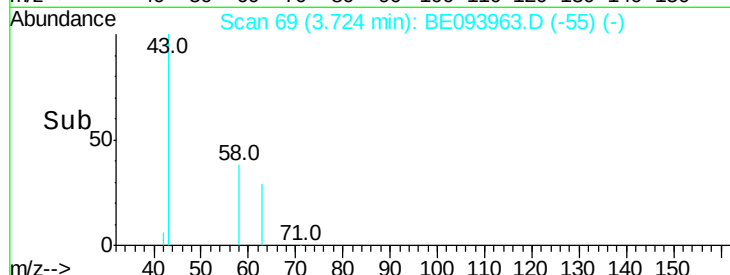
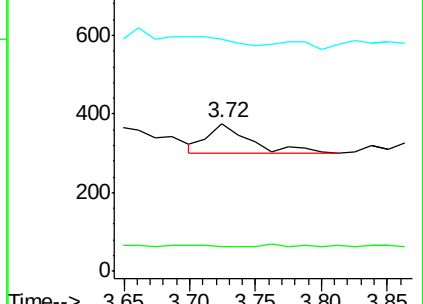
44 0.0 13.8 20.8#



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: 0.148 ng

RT: 5.52 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

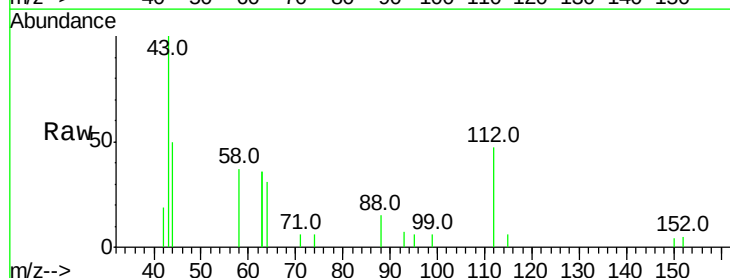
Tgt Ion: 112 Resp: 1092

Ion Ratio Lower Upper

112 100

64 68.9 57.7 86.5

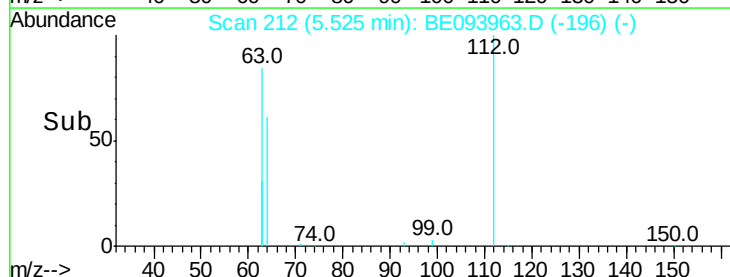
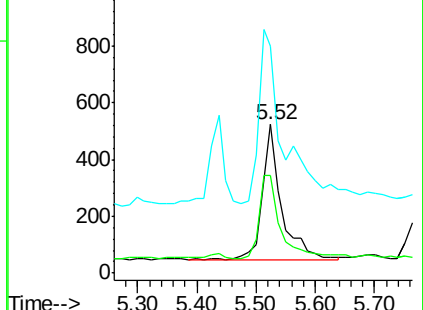
63 176.8 116.0 174.0#

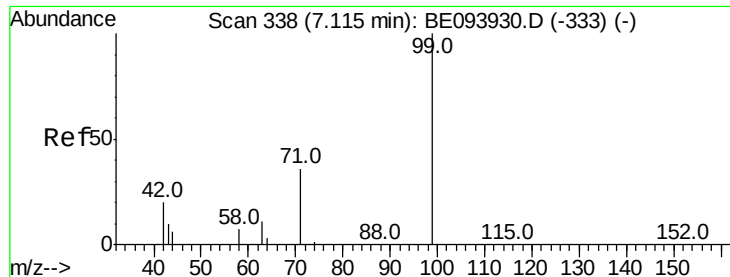


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.077 ng

RT: 7.11 min Scan# 338

Delta R.T. -0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

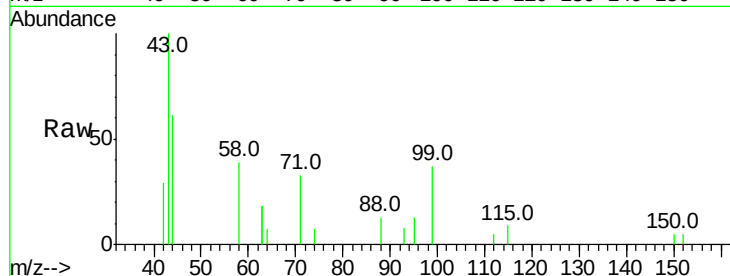
Tot Ion: 99 Resp: 856

Ion Ratio Lower Upper

99 100

42 40.0 17.1 25.7#

71 63.2 26.6 39.8#



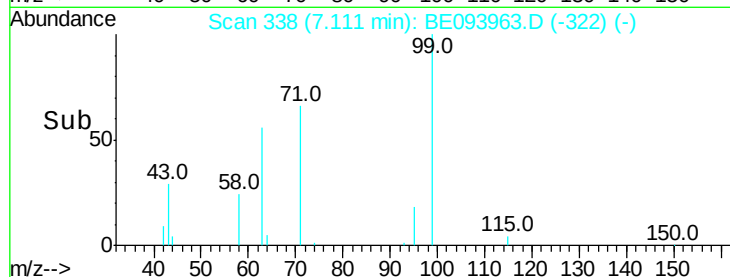
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

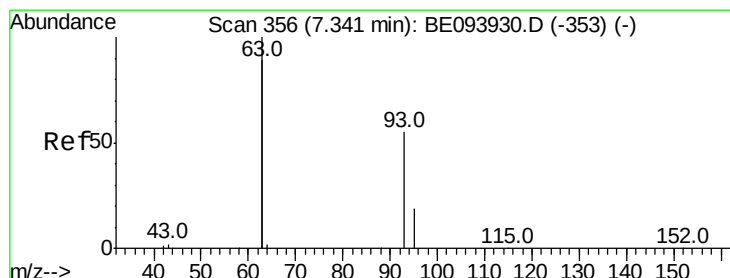
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.00 7.10 7.20



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.042 ng

RT: 7.26 min Scan# 350

Delta R.T. -0.08 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

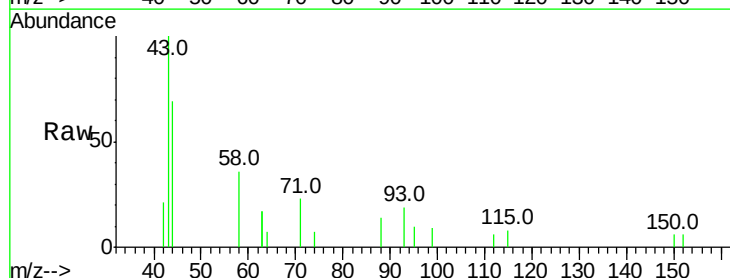
Tgt Ion: 93 Resp: 381

Ion Ratio Lower Upper

93 100

63 0.0 283.4 425.2#

95 13.1 26.9 40.3#



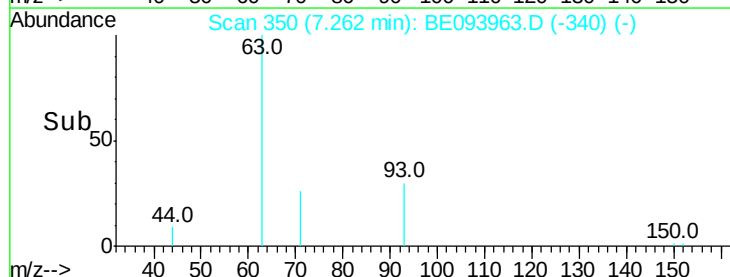
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

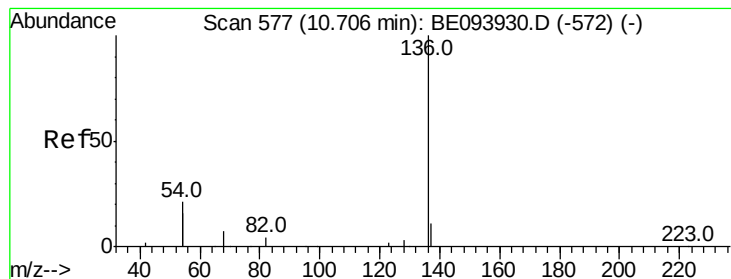
Ion 95.00 (94.70 to 95.70): BE0

Time-->

7.20 7.30 7.40



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

Tot Ion:136 Resp: 11944

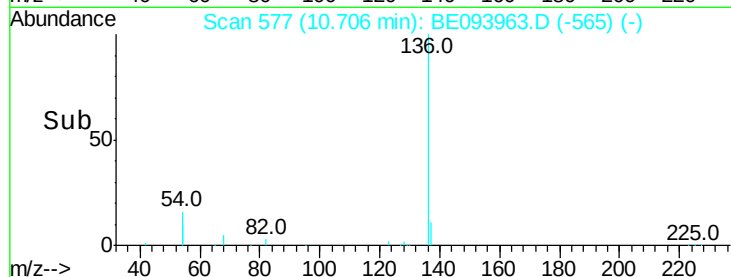
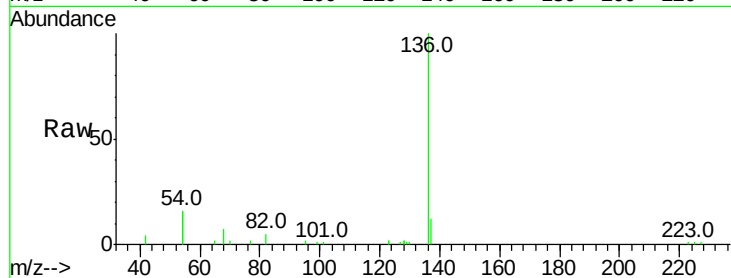
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 31.5 21.9 32.9

68 6.7 4.6 7.0

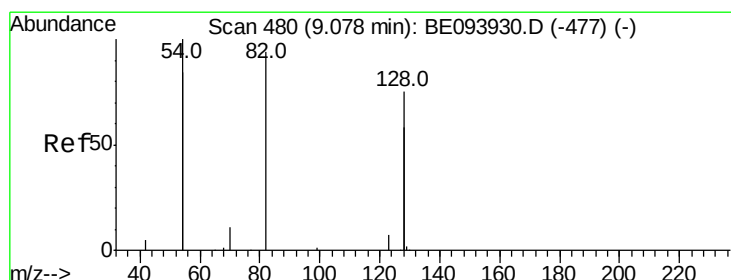
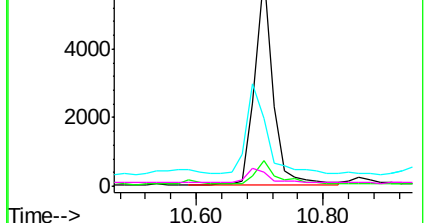


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

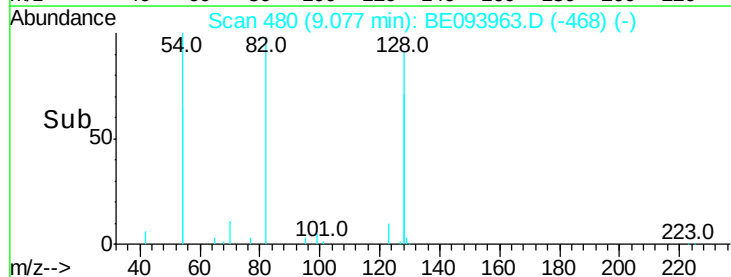
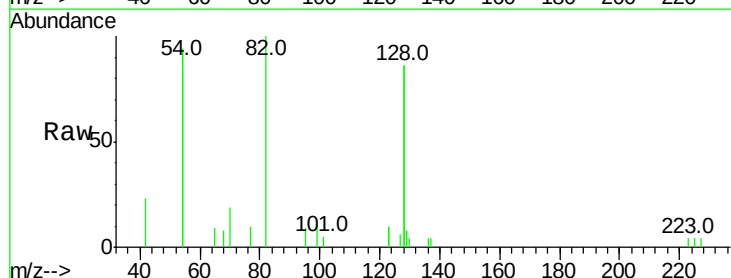
Tgt Ion: 82 Resp: 3500

Ion Ratio Lower Upper

82 100

128 172.1 91.4 137.0#

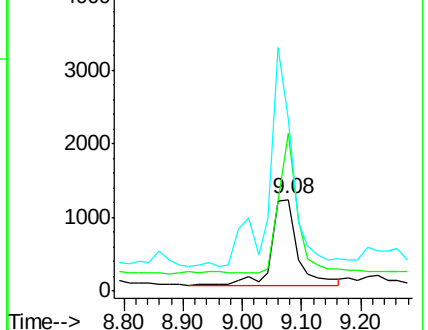
54 188.6 197.8 296.8#

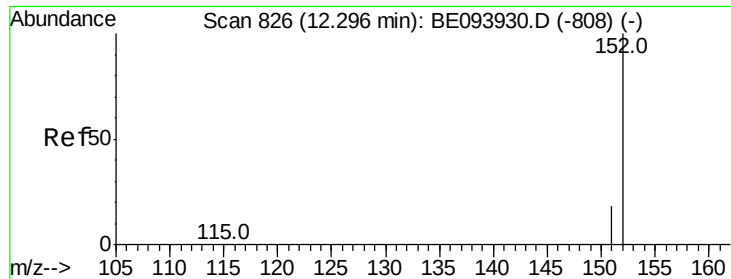


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

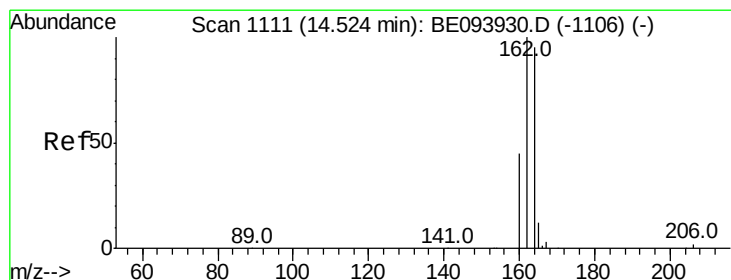
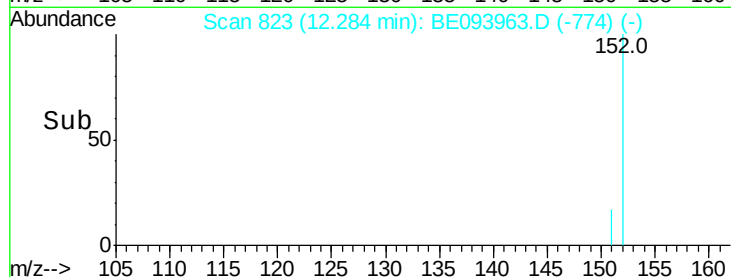
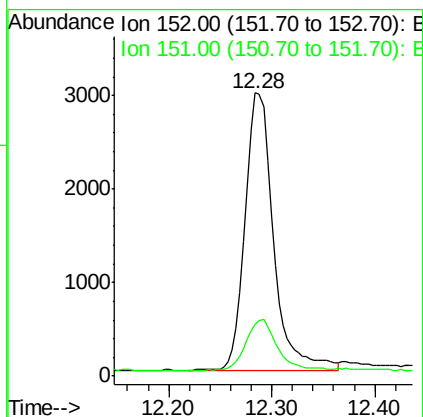
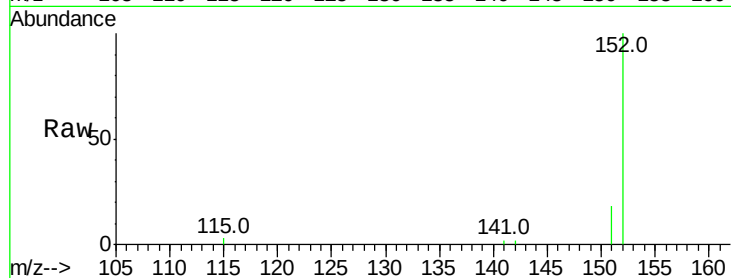




#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 12.28 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE093963.D
 Acq: 11 Sep 2017 15:18

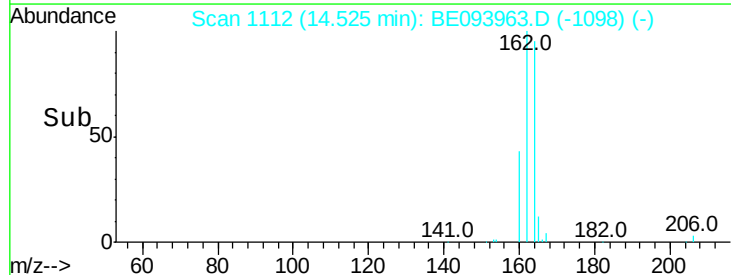
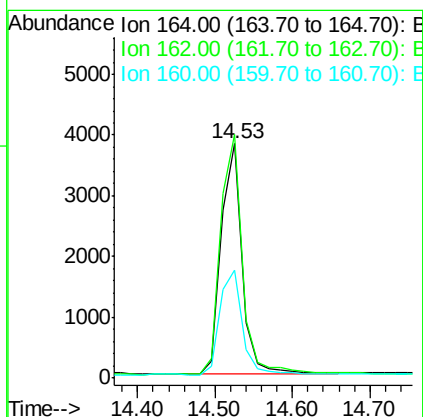
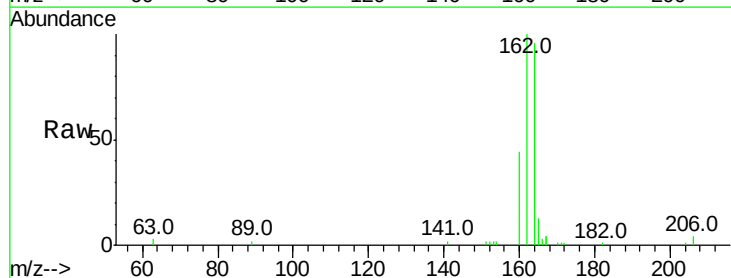
Instrument :
 BNA_E
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 CPS083061

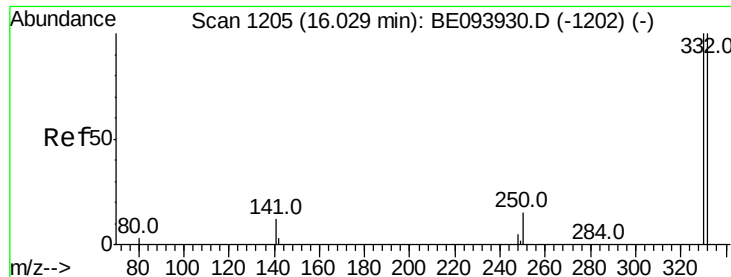
Tot Ion:152 Resp: 5610
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093963.D
 Acq: 11 Sep 2017 15:18

Tgt Ion:164 Resp: 7108
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.8 121.2
 160 46.0 37.0 55.4





#14

2,4,6-Tribromophenol

Concen: 0.241 ng

RT: 16.03 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

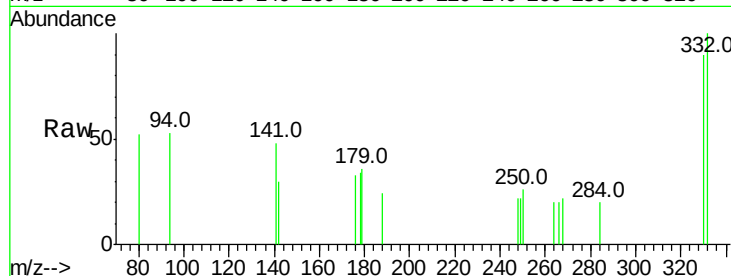
Tot Ion:330 Resp: 530

Ion Ratio Lower Upper

330 100

332 104.3 76.9 115.3

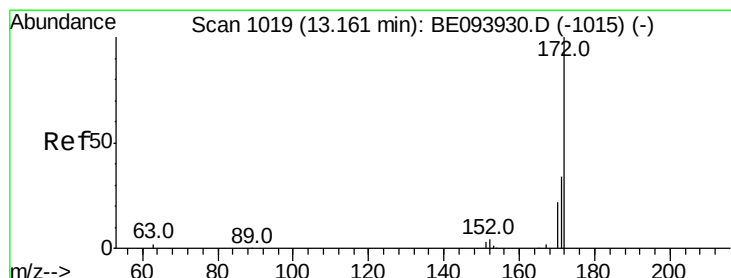
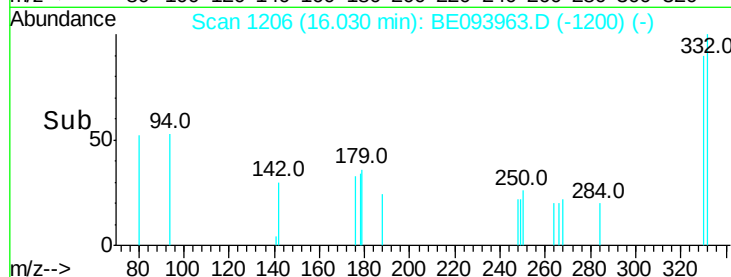
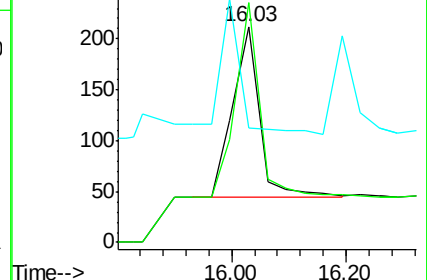
141 0.0 0.0 0.0



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: 0.300 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

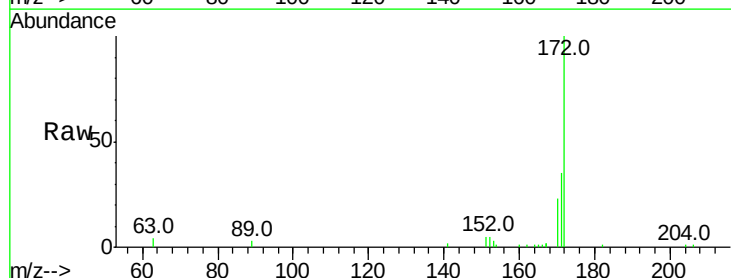
Tgt Ion:172 Resp: 8439

Ion Ratio Lower Upper

172 100

171 34.9 26.9 40.3

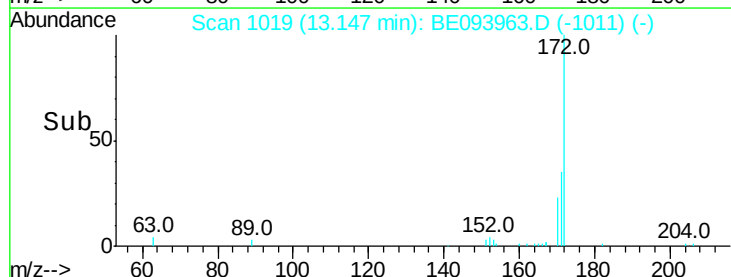
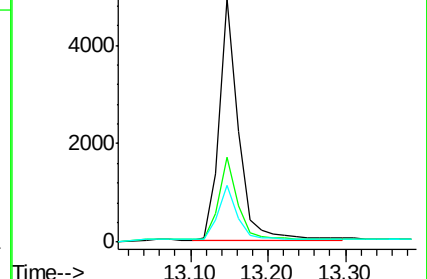
170 23.2 17.3 25.9

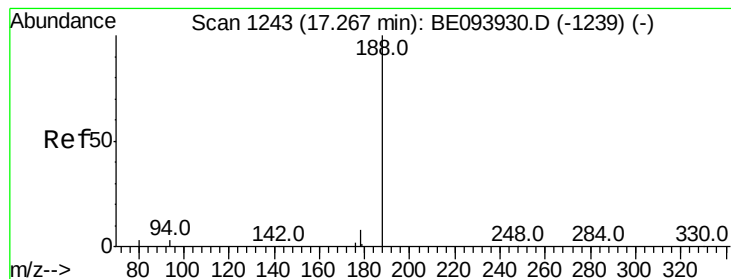


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.03 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

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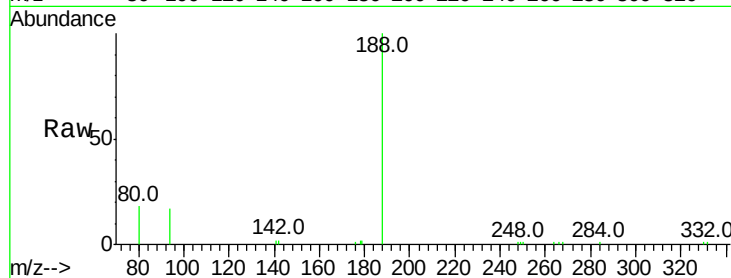
Tot Ion:188 Resp: 16710

Ion Ratio Lower Upper

188 100

94 16.8 16.1 24.1

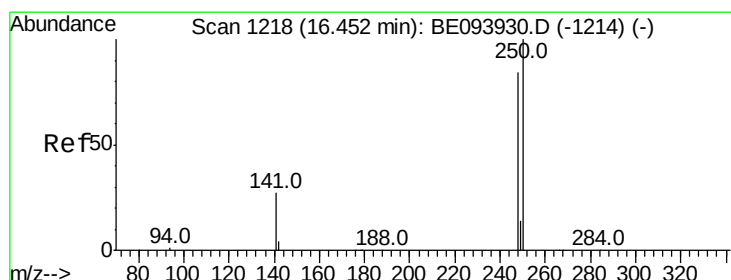
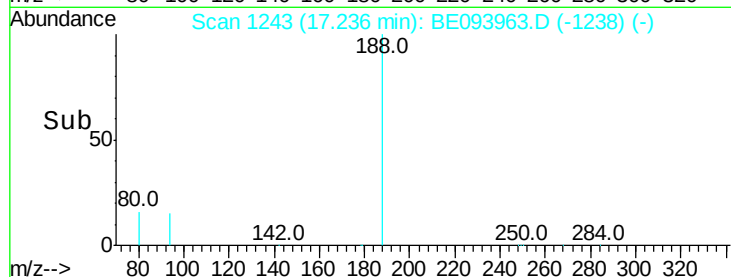
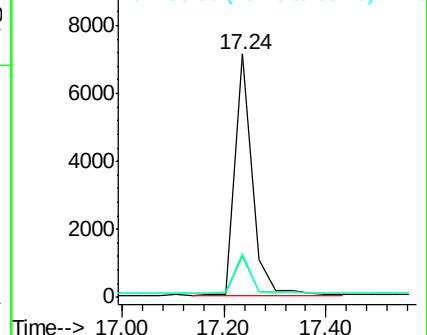
80 17.9 18.2 27.2#



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: BE093963.D

Acq: 11 Sep 2017 15:18

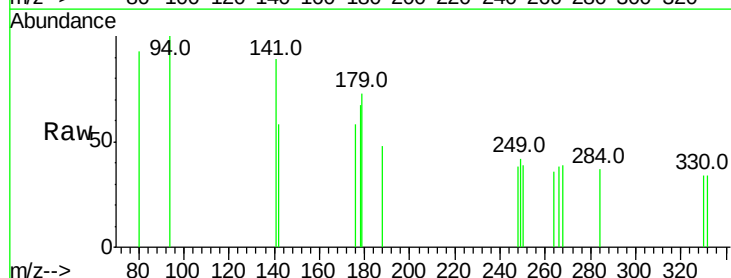
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 102.0 111.8 167.8#

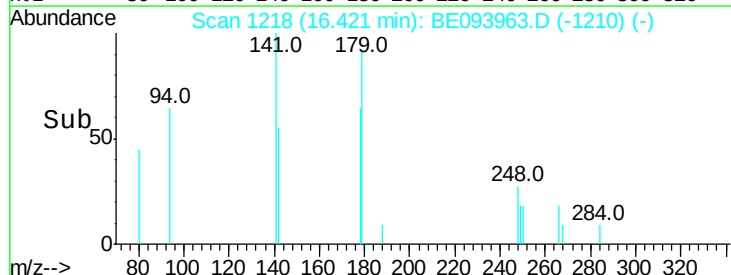
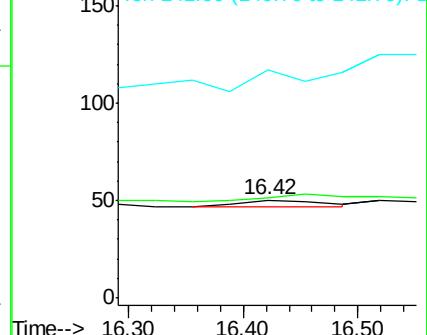
141 234.0 27.1 40.7#

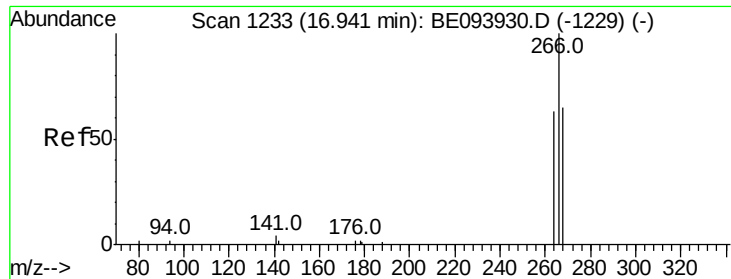


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.027 ng

RT: 16.94 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

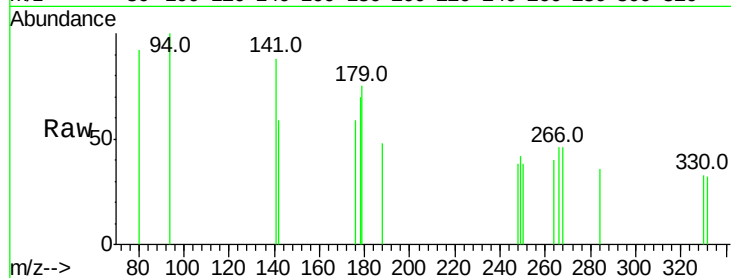
Tot Ion:266 Resp: 72

Ion Ratio Lower Upper

266 100

264 87.3 53.5 80.3#

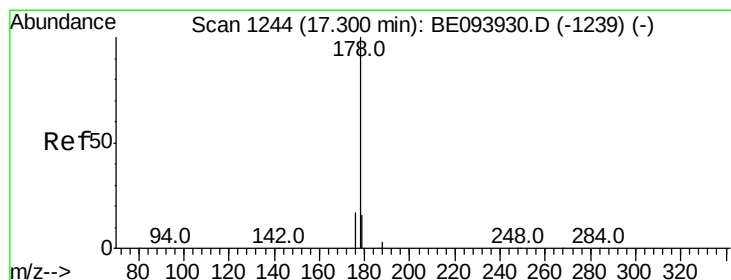
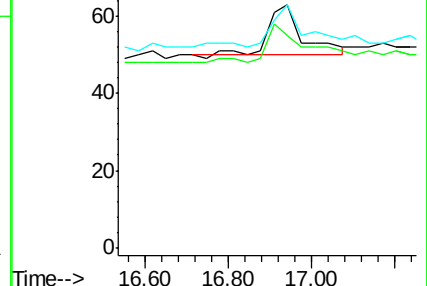
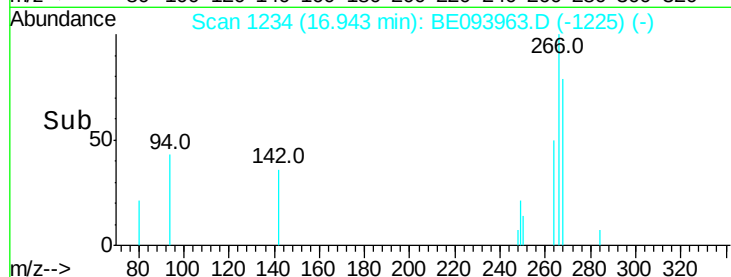
268 100.0 60.0 90.0#



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



#23

Phenanthrene

Concen: Below Cal

RT: 17.27 min Scan# 1244

Delta R.T. -0.03 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

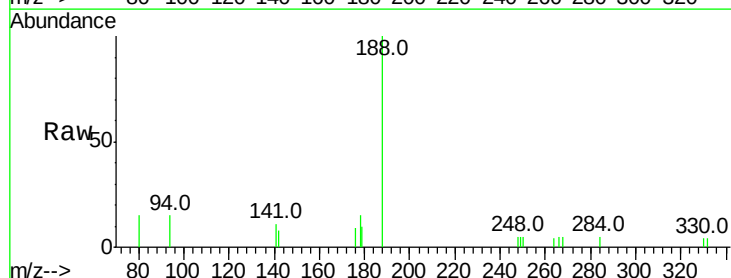
Tgt Ion:178 Resp: 555

Ion Ratio Lower Upper

178 100

176 22.2 0.0 0.0#

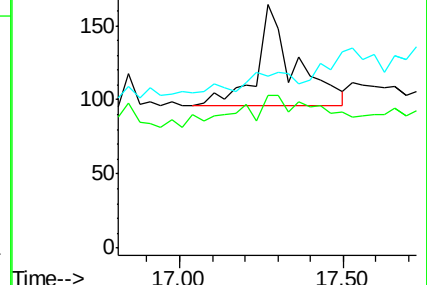
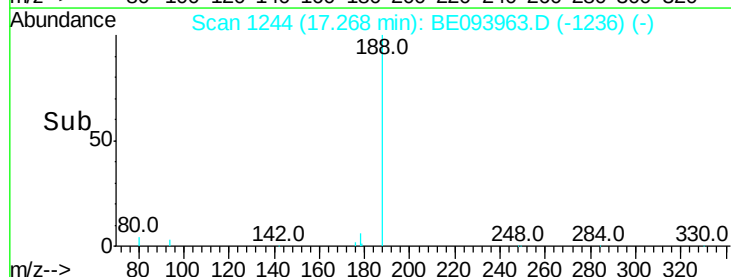
179 0.0 12.6 18.8#

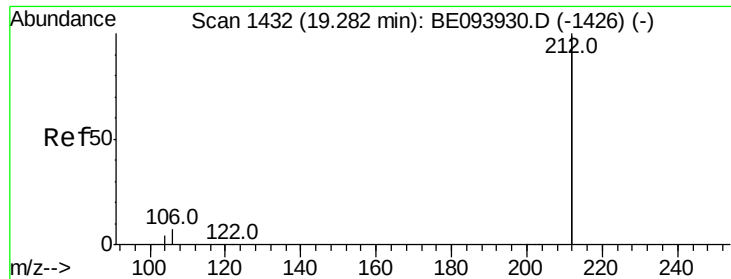


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

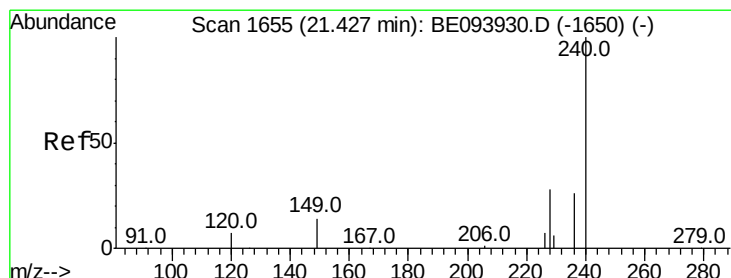
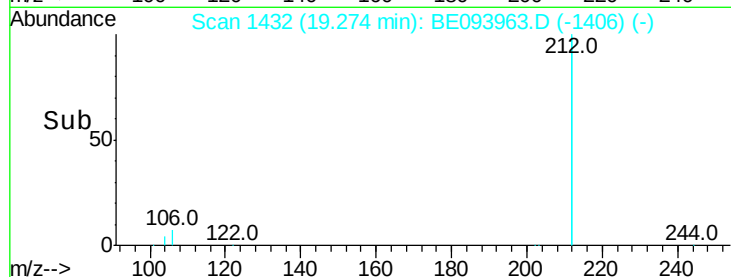
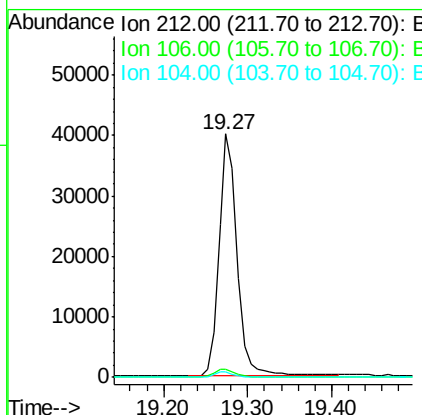
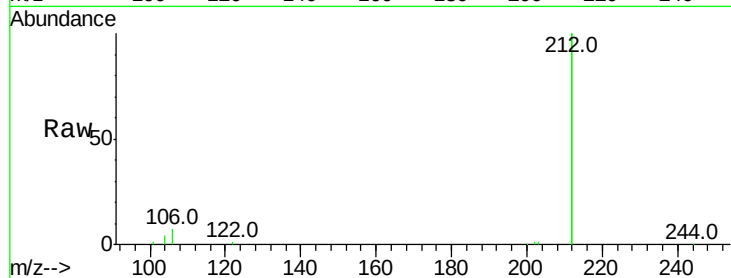




#25
 Fluoranthene-d10
 Concen: 0.241 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BE093963.D
 Acq: 11 Sep 2017 15:18

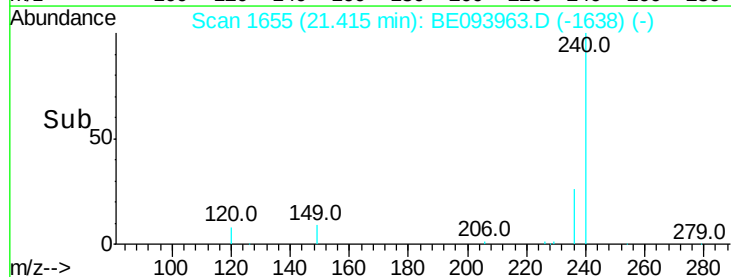
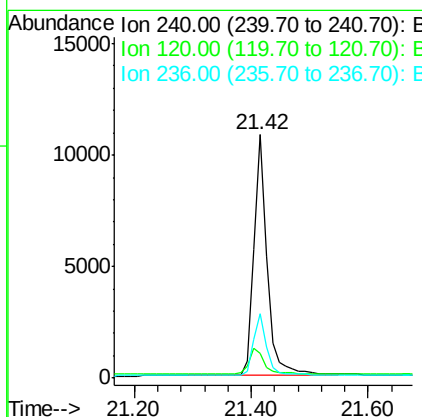
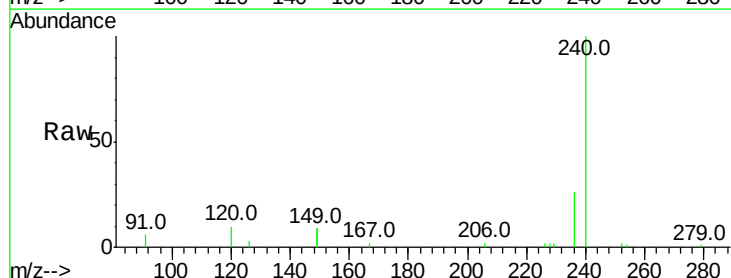
Instrument :
 BNA_E
 ClientSampleId :
 CPS083061

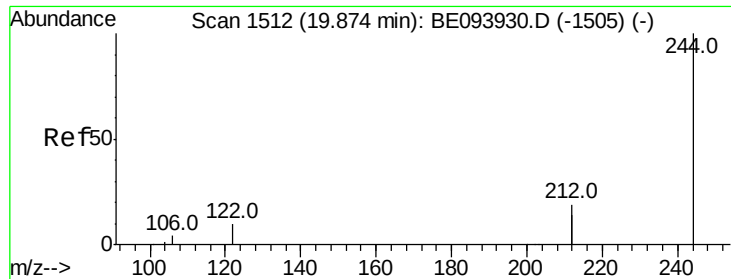
Tot Ion:212 Resp: 60049
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093963.D
 Acq: 11 Sep 2017 15:18

Tgt Ion:240 Resp: 17465
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.7 13.1
 236 26.3 21.3 31.9





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

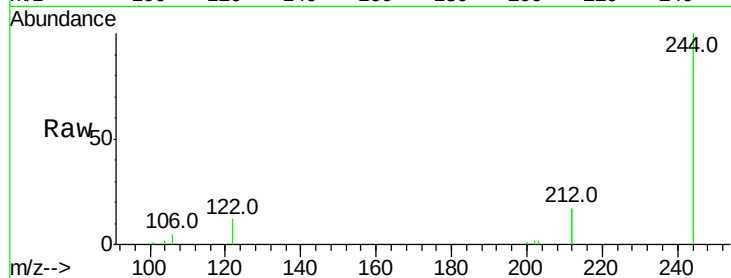
Tot Ion:244 Resp: 12153

Ion Ratio Lower Upper

244 100

212 34.5 28.3 42.5

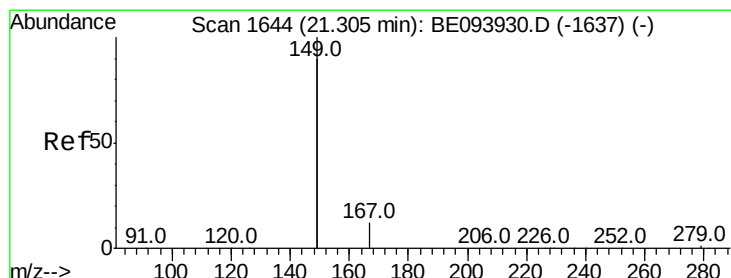
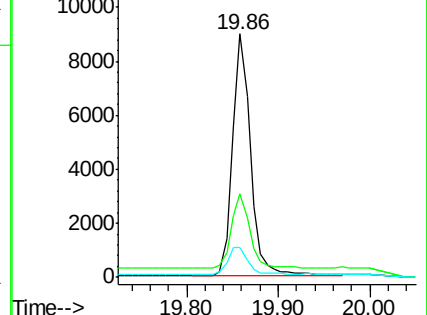
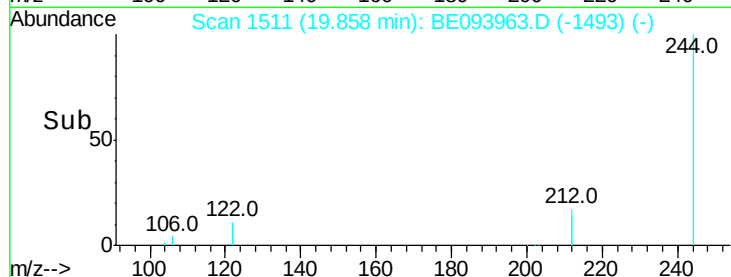
122 12.4 9.4 14.0



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: 0.535 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

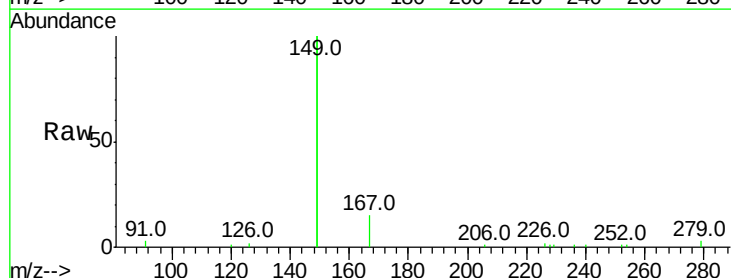
Tgt Ion:149 Resp: 69671

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

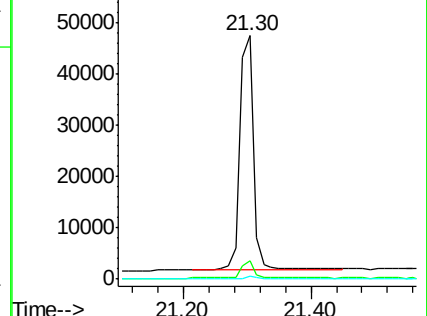
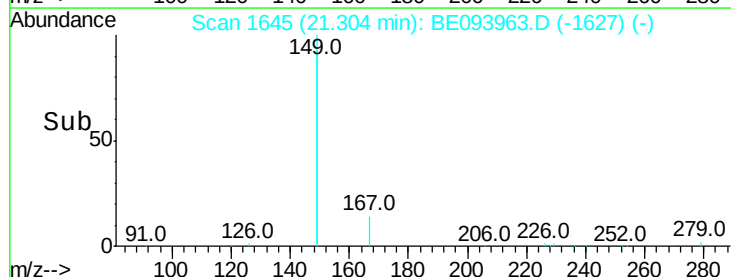
279 1.0 0.7 1.1

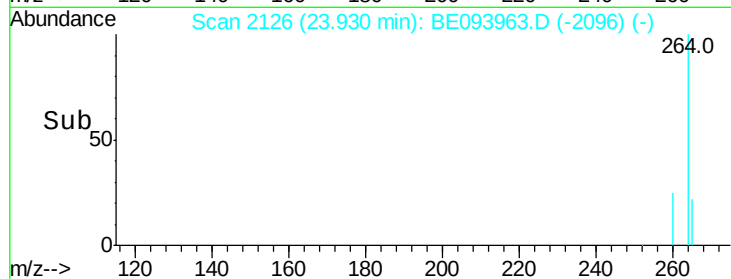
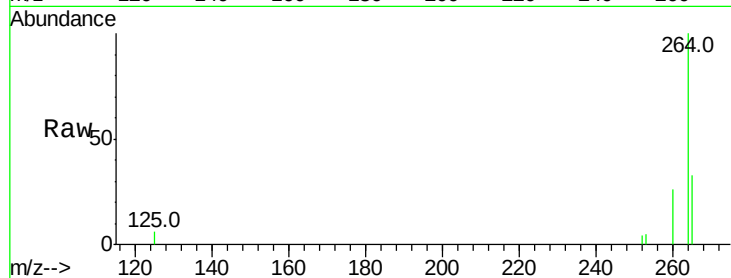
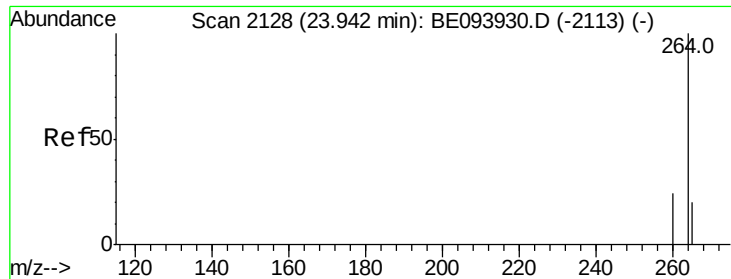


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BE093963.D

Acq: 11 Sep 2017 15:18

Instrument :

BNA_E

ClientSampleId :

CPS083061

Tot Ion:264 Resp: 13575

Ion Ratio Lower Upper

264 100

260 26.4 20.0 30.0

265 32.7 24.0 36.0

