

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072117\
 Data File : BE093519.D
 Acq On : 21 Jul 2017 21:46
 Operator : SJ/JU
 Sample : I4199-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

Quant Time: Jul 22 01:56:28 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE072117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 21 16:13:20 2017
 Response via : Initial Calibration

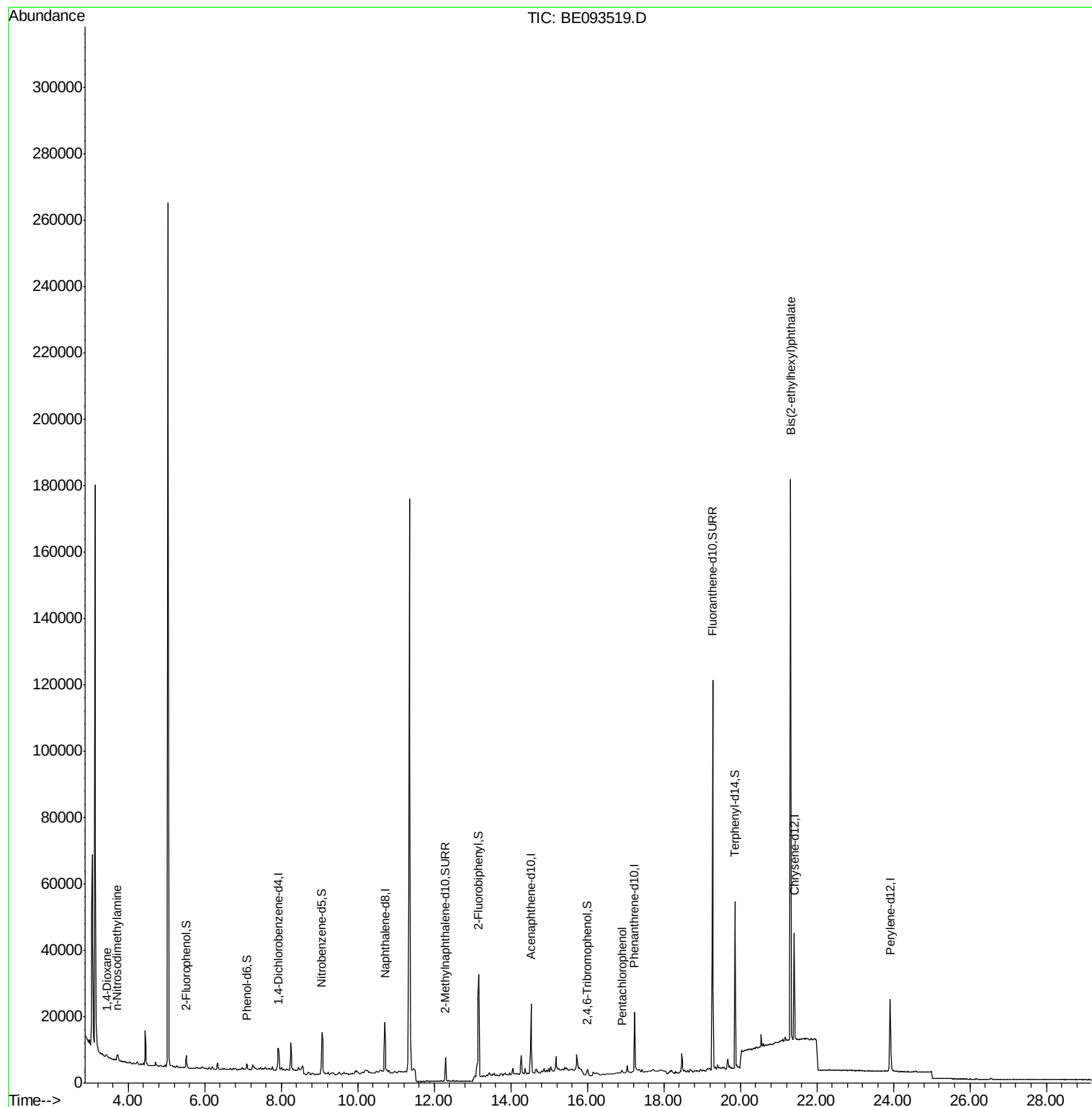
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3586	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	17557	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	11729	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	27989	0.40	ng	0.00
27) Chrysene-d12	21.42	240	37298	0.40	ng	0.00
34) Perylene-d12	23.91	264	31905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	2009	0.16	ng	0.00
5) Phenol-d6	7.10	99	1948	0.11	ng	0.00
8) Nitrobenzene-d5	9.06	82	5713	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	10029	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	1455	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	31625	0.69	ng	0.00
25) Fluoranthene-d10	19.27	212	146906	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	41871	0.62	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.44	88	585	0.098	ng	Qvalue # 37
3) n-Nitrosodimethylamine	3.72	42	613	0.104	ng	# 1
22) Pentachlorophenol	16.91	266	851	0.291	ng	94
32) Bis(2-ethylhexyl)phthalate	21.32	149	220073	0.913	ng	98

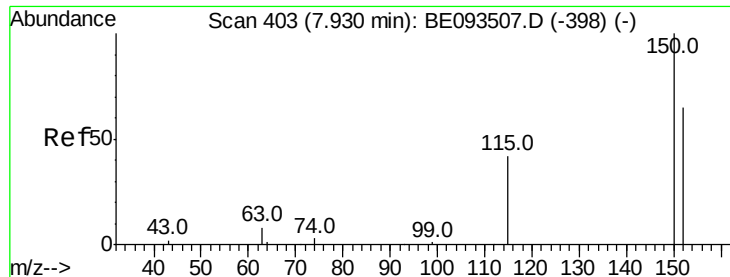
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

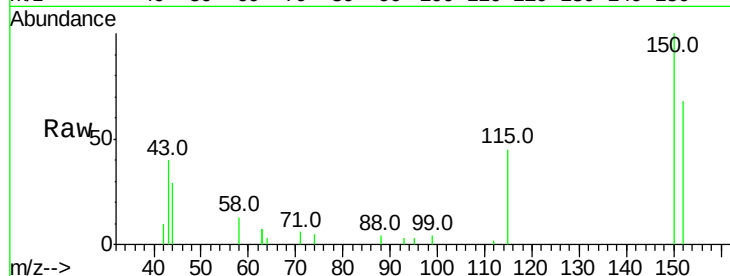
Tot Ion:152 Resp: 3586

Ion Ratio Lower Upper

152 100

150 146.0 125.1 187.7

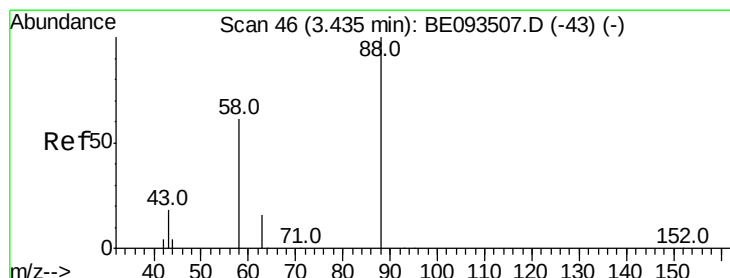
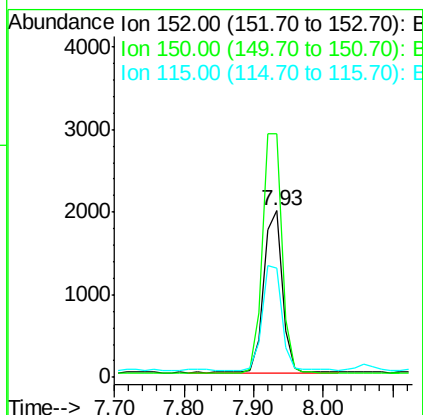
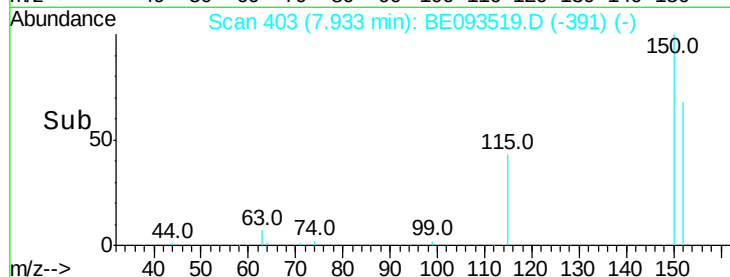
115 65.4 55.7 83.5



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



#2

1,4-Dioxane

Concen: 0.098 ng

RT: 3.44 min Scan# 46

Delta R.T. 0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

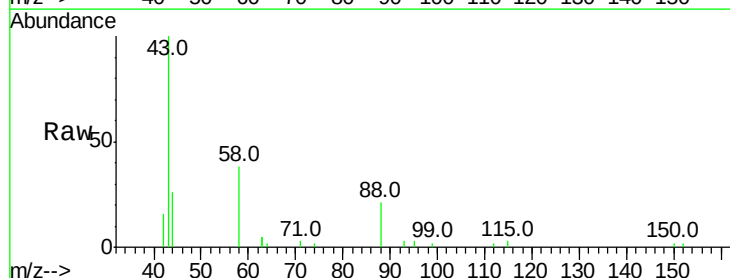
Tgt Ion: 88 Resp: 585

Ion Ratio Lower Upper

88 100

58 134.9 62.2 93.4#

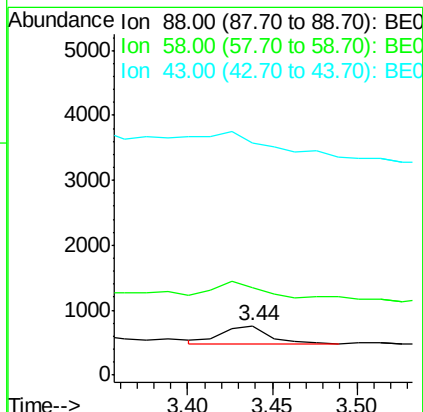
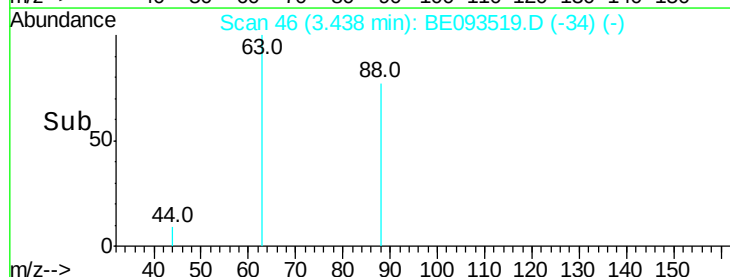
43 0.0 23.2 34.8#

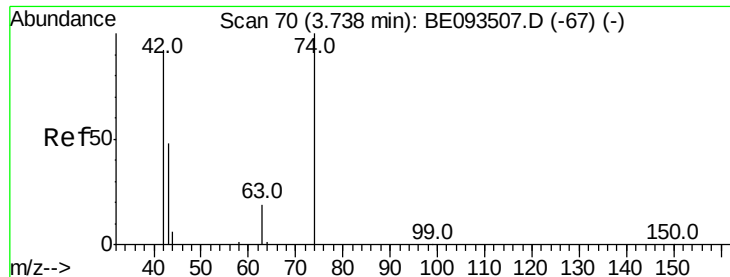


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.104 ng

RT: 3.72 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

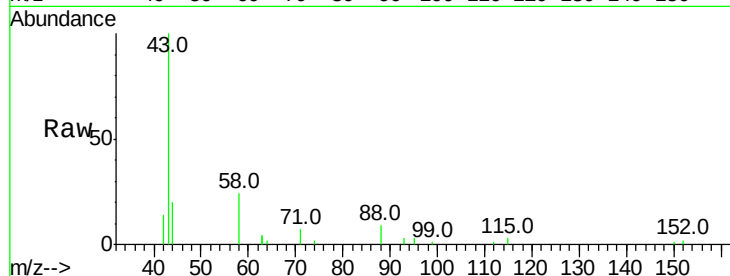
Tot Ion: 42 Resp: 613

Ion Ratio Lower Upper

42 100

74 0.0 99.1 148.7#

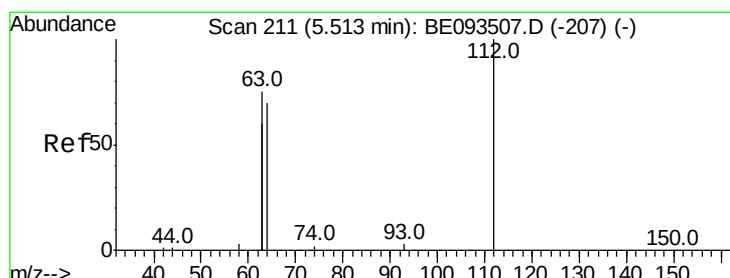
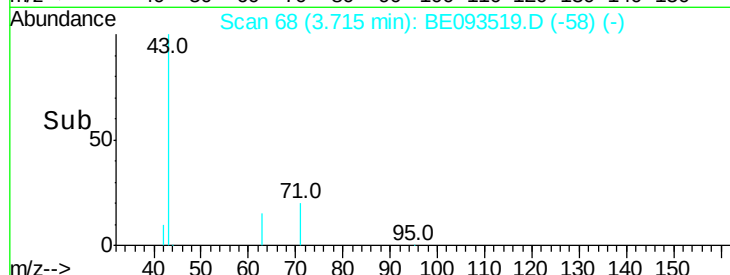
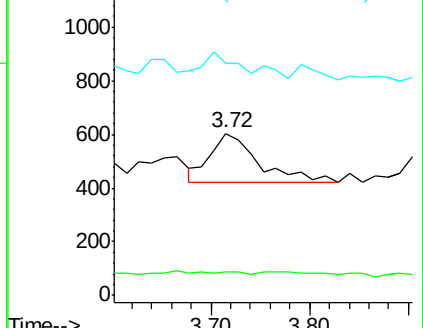
44 44.9 7.4 11.2#



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: 0.161 ng

RT: 5.52 min Scan# 211

Delta R.T. 0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

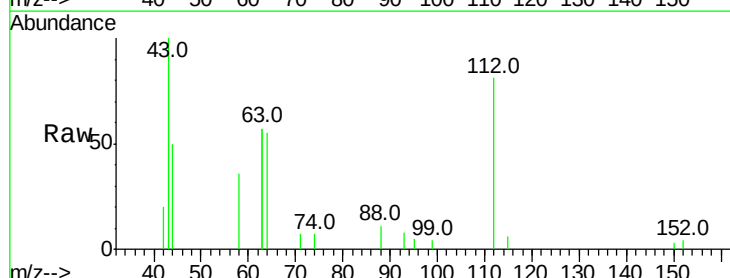
Tgt Ion: 112 Resp: 2009

Ion Ratio Lower Upper

112 100

64 66.0 56.4 84.6

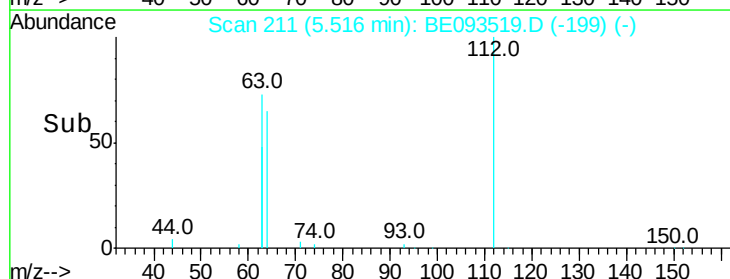
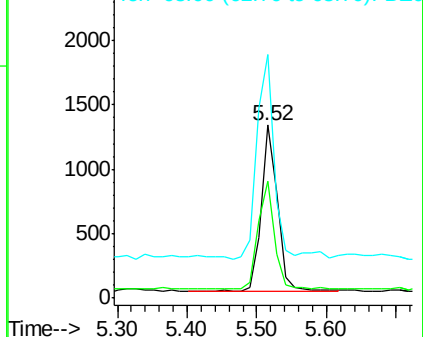
63 129.7 29.3 43.9#

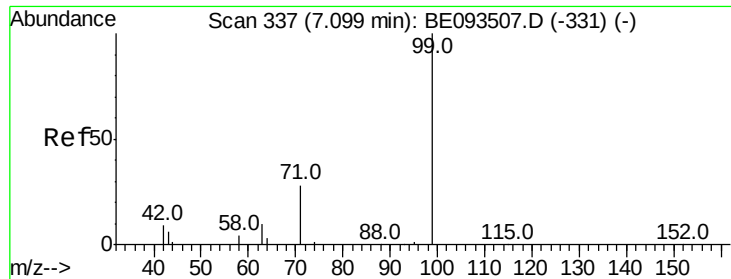


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.112 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

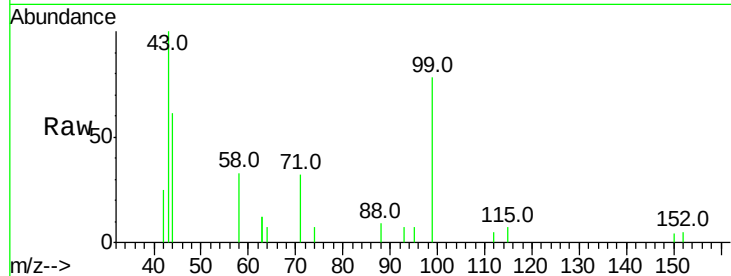
Tot Ion: 99 Resp: 1948

Ion Ratio Lower Upper

99 100

42 16.4 0.0 0.0#

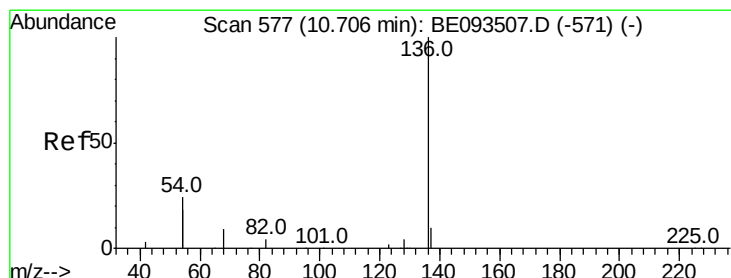
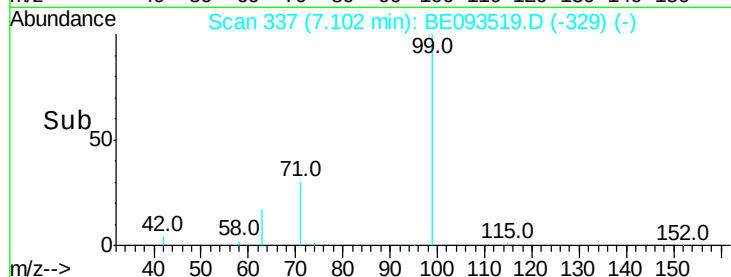
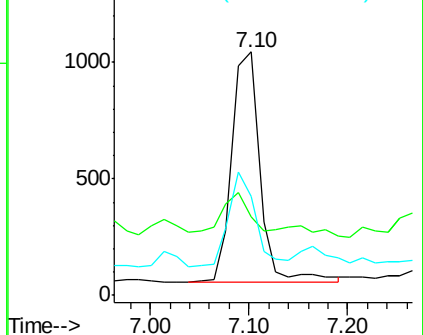
71 39.5 0.0 0.0#



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: BE093519.D

Acq: 21 Jul 2017 21:46

Tgt Ion: 136 Resp: 17557

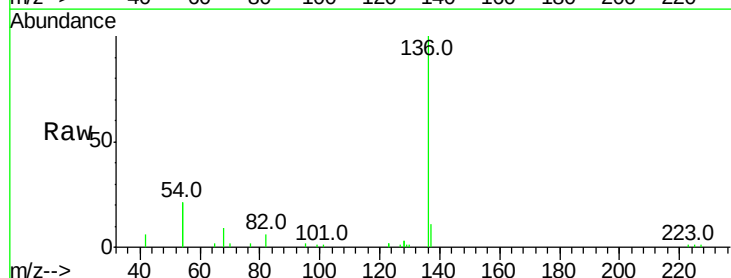
Ion Ratio Lower Upper

136 100

137 11.5 9.8 14.8

54 42.1 10.3 15.5#

68 9.2 9.0 13.4

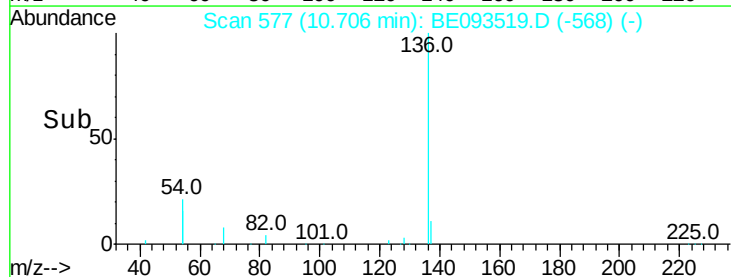
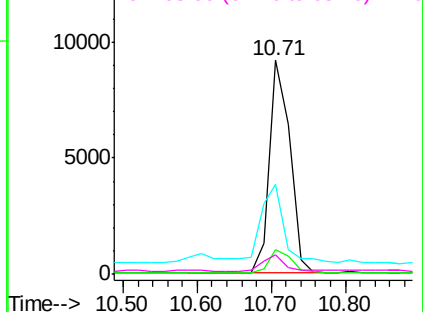


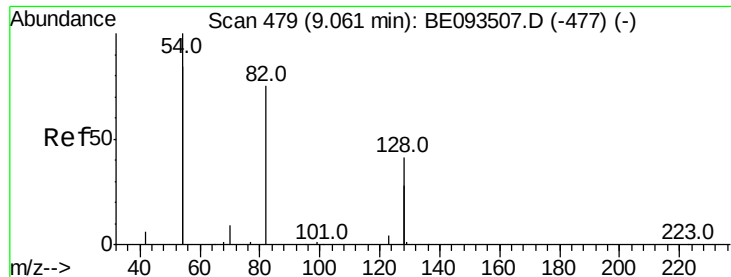
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.409 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

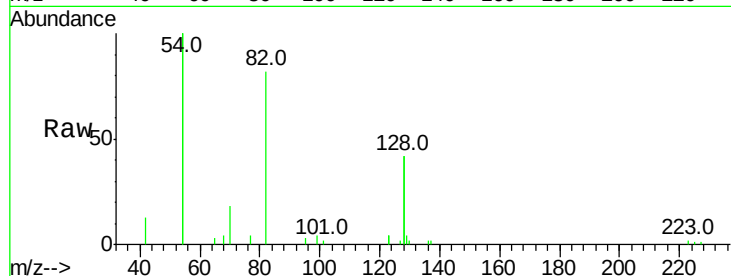
Tot Ion: 82 Resp: 5713

Ion Ratio Lower Upper

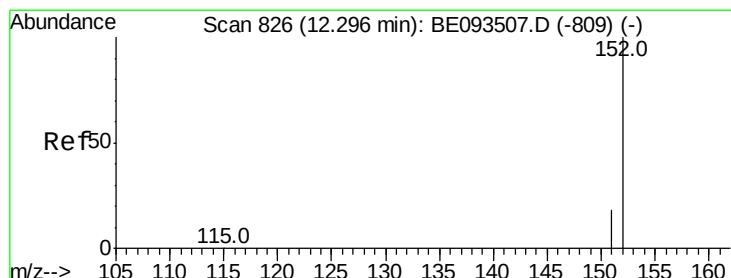
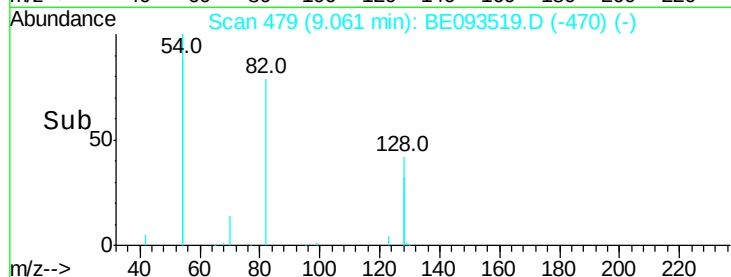
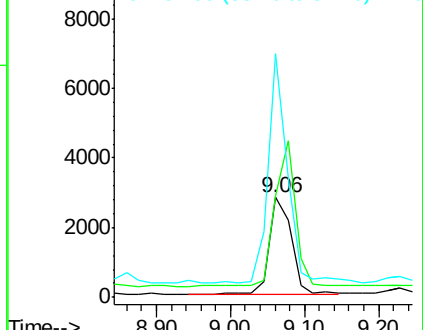
82 100

128 101.3 17.0 25.4#

54 243.0 53.8 80.6#



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: 0.353 ng

RT: 12.29 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE093519.D

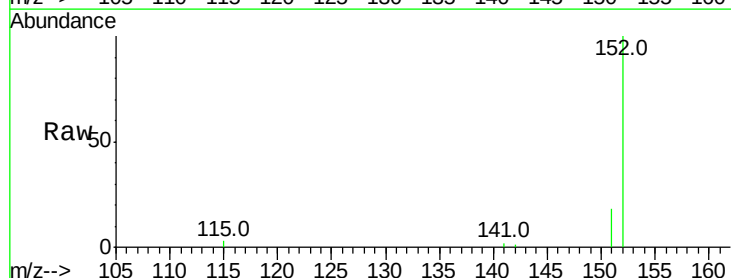
Acq: 21 Jul 2017 21:46

Tgt Ion: 152 Resp: 10029

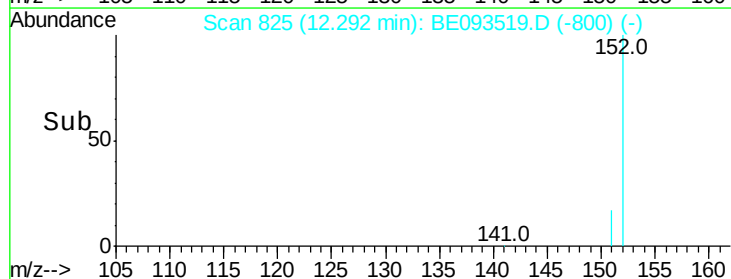
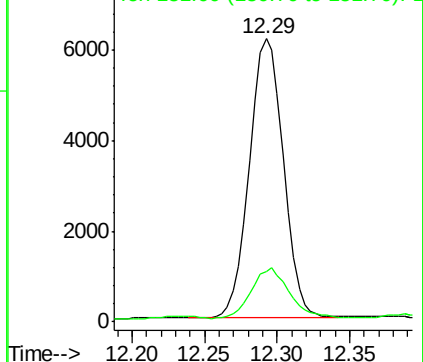
Ion Ratio Lower Upper

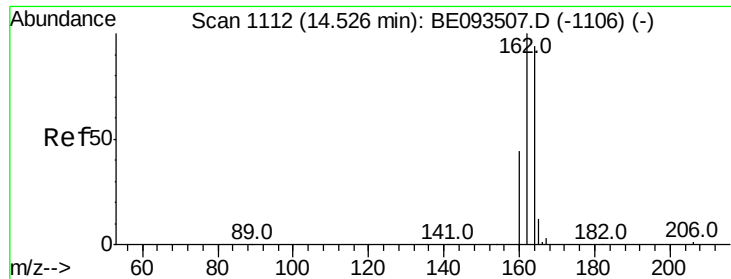
152 100

151 20.4 15.1 22.7



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: 14.52 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampled :

3566-SPP1

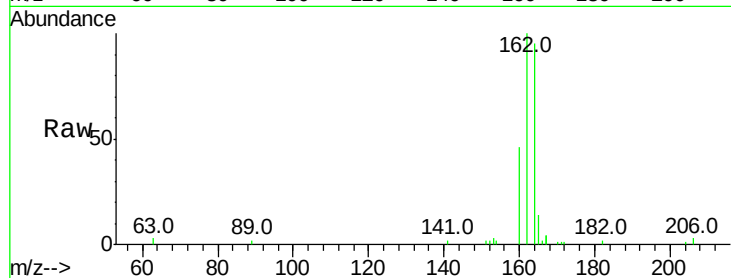
Tot Ion:164 Resp: 11729

Ion Ratio Lower Upper

164 100

162 105.7 84.6 127.0

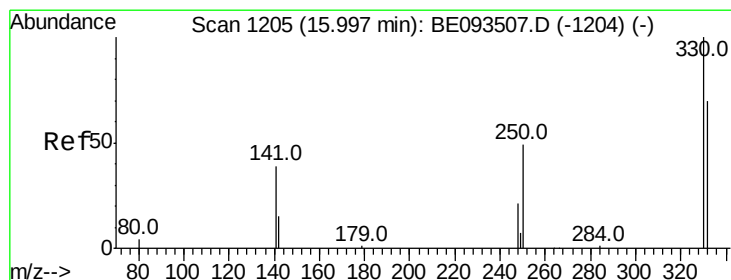
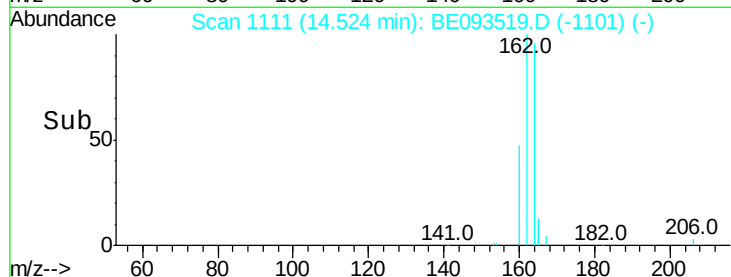
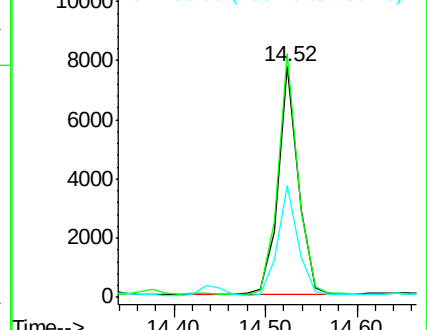
160 48.7 41.8 62.6



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: 0.341 ng

RT: 16.00 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

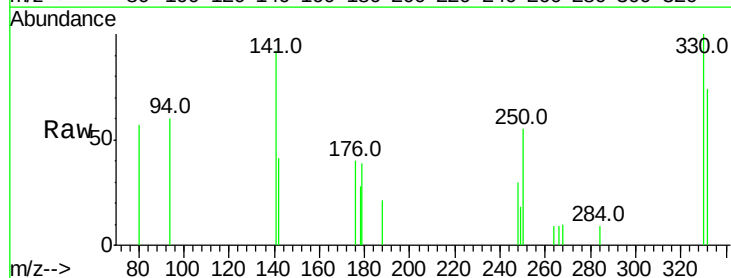
Tgt Ion:330 Resp: 1455

Ion Ratio Lower Upper

330 100

332 88.0 77.7 116.5

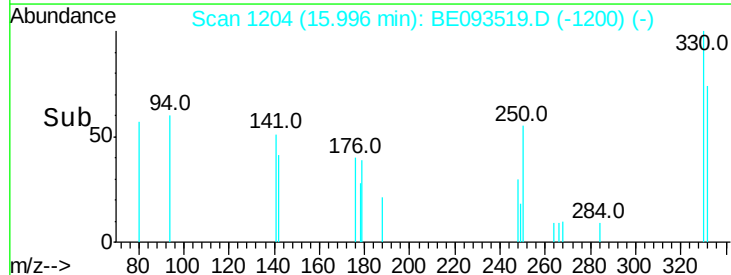
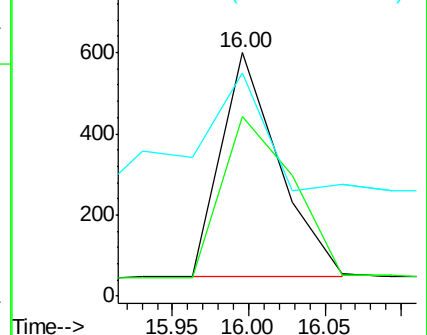
141 39.0 56.2 84.4#

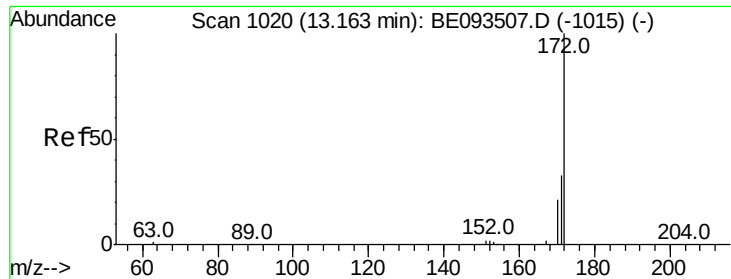


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

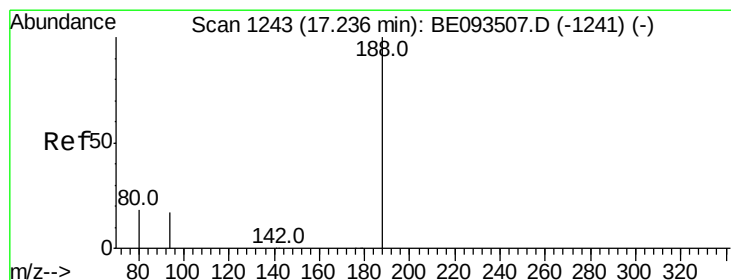
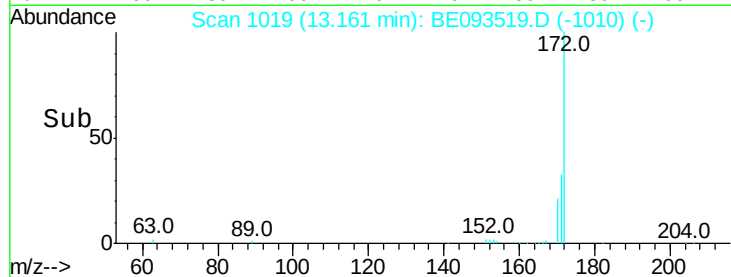
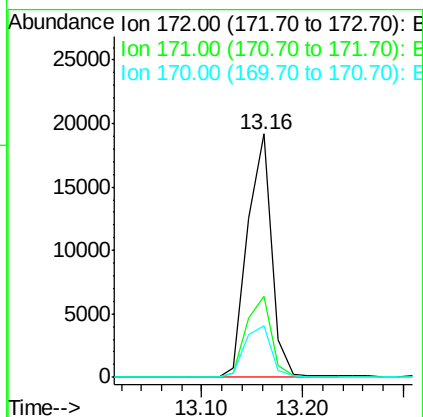
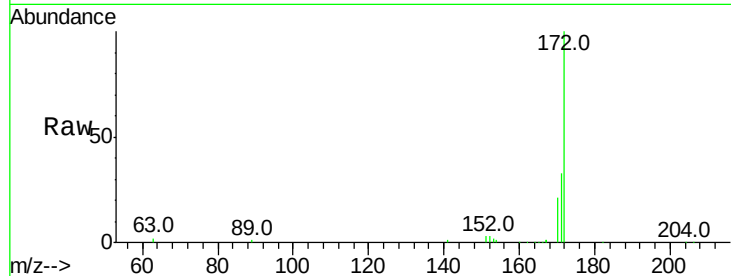




#15
 2-Fluorobiphenyl
 Concen: 0.685 ng
 RT: 13.16 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

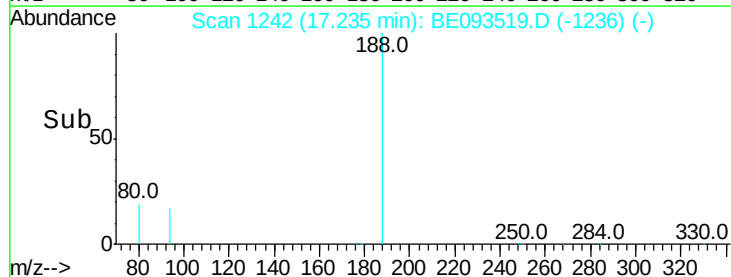
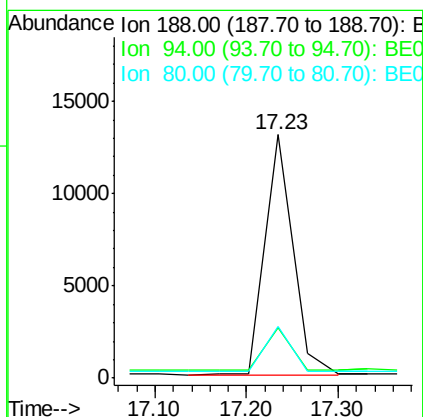
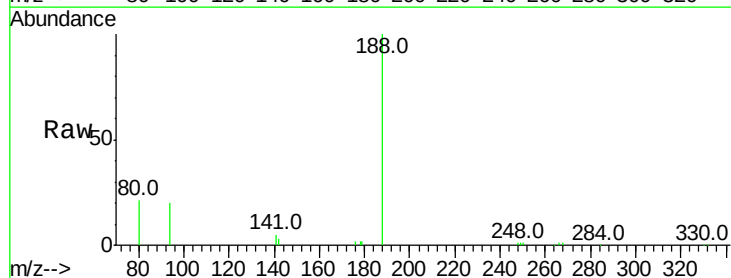
Instrument :
 BNA_E
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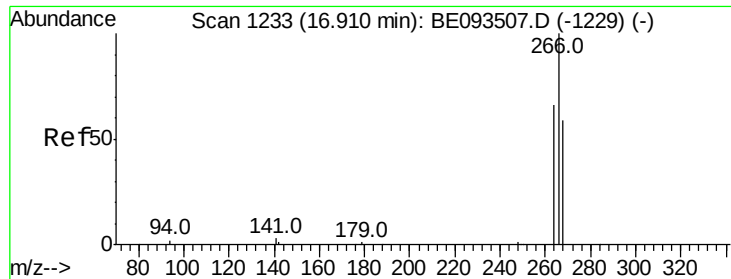
Tot Ion:172 Resp: 31625
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.8 44.6
 170 21.2 20.7 31.1



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.23 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Tgt Ion:188 Resp: 27989
 Ion Ratio Lower Upper
 188 100
 94 20.5 11.3 16.9#
 80 21.2 11.7 17.5#

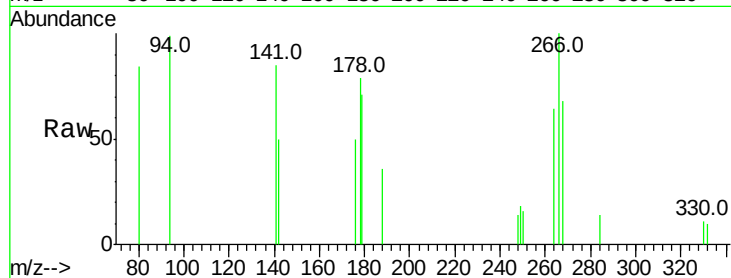




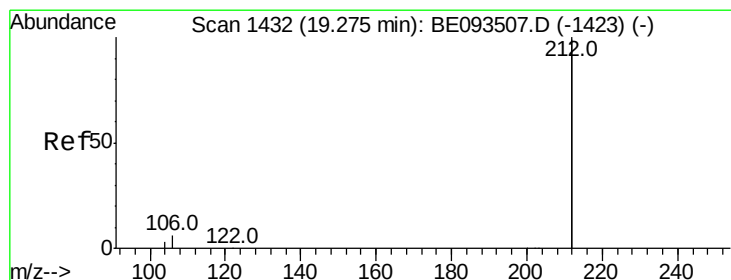
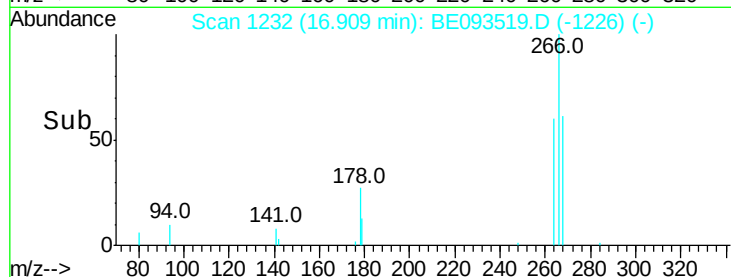
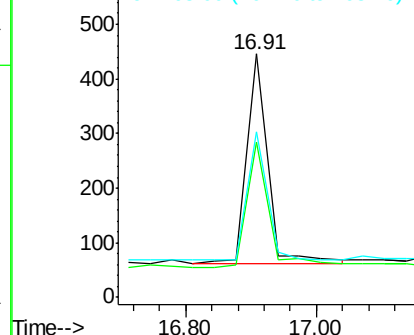
#22
 Pentachlorophenol
 Concen: 0.291 ng
 RT: 16.91 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Instrument :
 BNA_E
 ClientSampleId :
 3566-SPP1

Tot Ion:266 Resp: 851
 Ion Ratio Lower Upper
 266 100
 264 63.9 56.0 84.0
 268 67.9 52.0 78.0

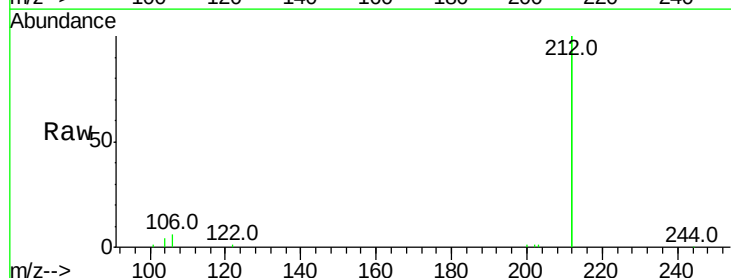


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

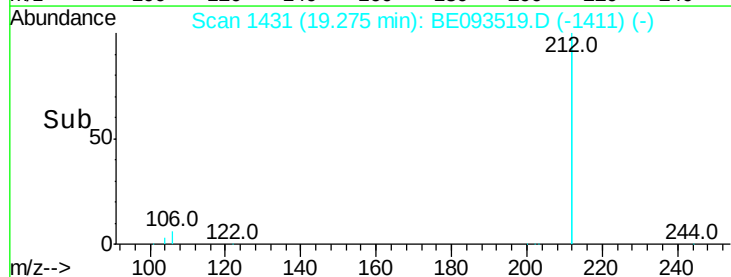
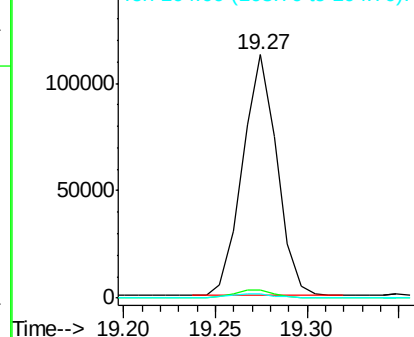


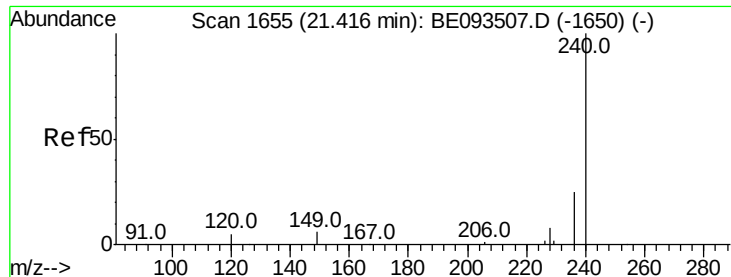
#25
 Fluoranthene-d10
 Concen: 0.330 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BE093519.D
 Acq: 21 Jul 2017 21:46

Tgt Ion:212 Resp: 146906
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 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# 1654

Delta R.T. -0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

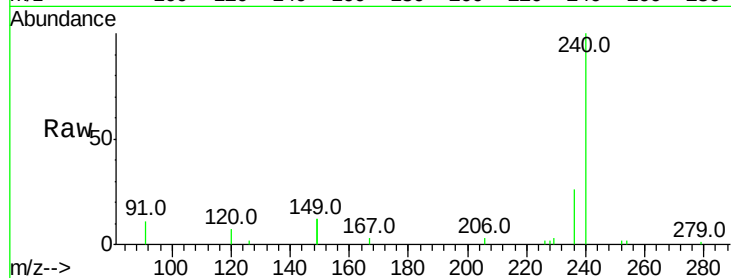
Tot Ion:240 Resp: 37298

Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

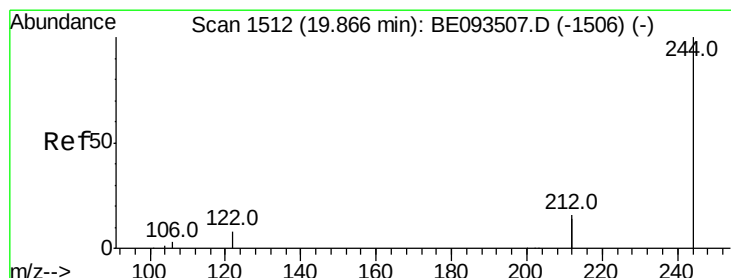
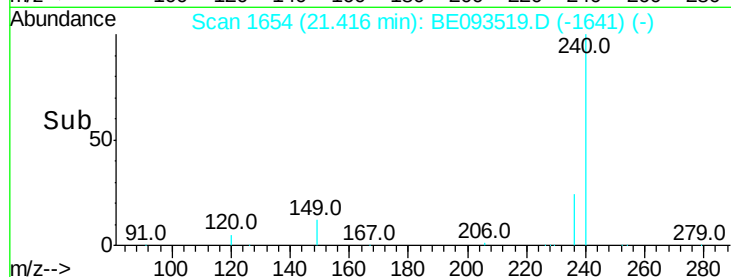
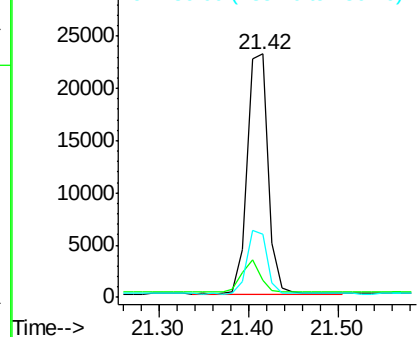
236 25.7 20.8 31.2



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: 0.617 ng

RT: 19.86 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

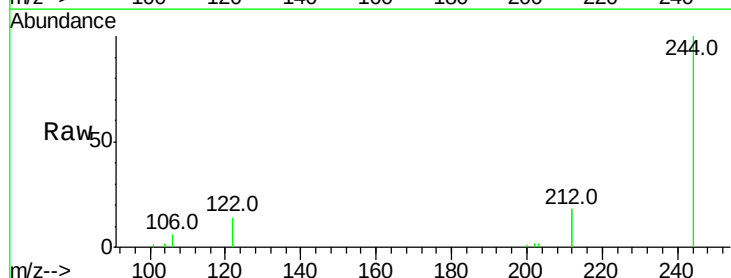
Tgt Ion:244 Resp: 41871

Ion Ratio Lower Upper

244 100

212 36.5 10.6 16.0#

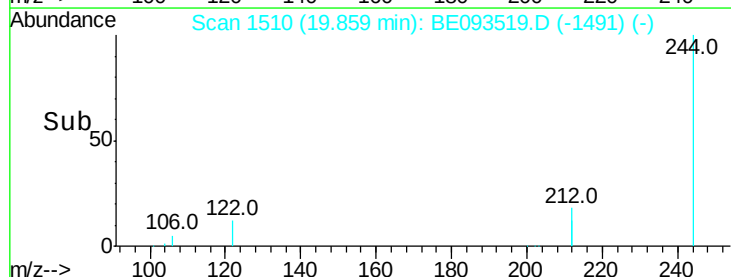
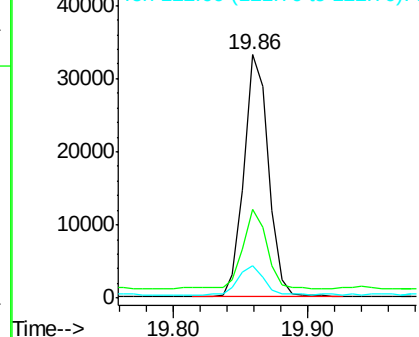
122 13.5 15.4 23.0#

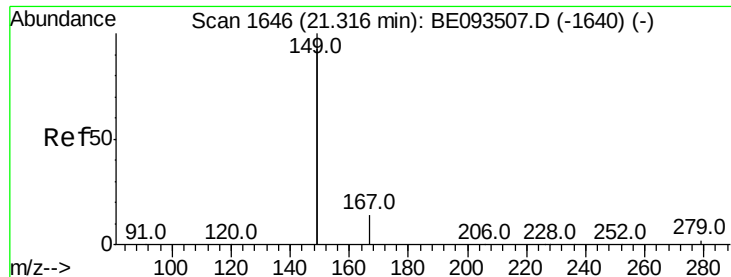


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.913 ng

RT: 21.32 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

Instrument :

BNA_E

ClientSampleId :

3566-SPP1

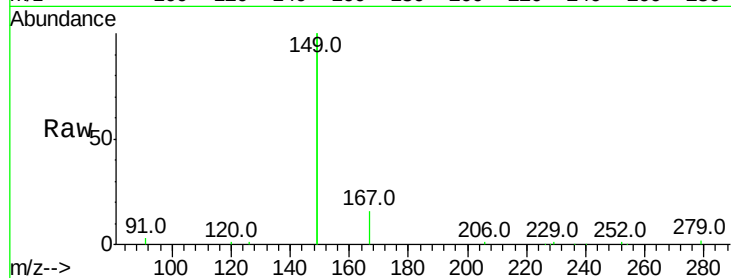
Tot Ion:149 Resp: 220073

Ion Ratio Lower Upper

149 100

167 6.8 4.8 7.2

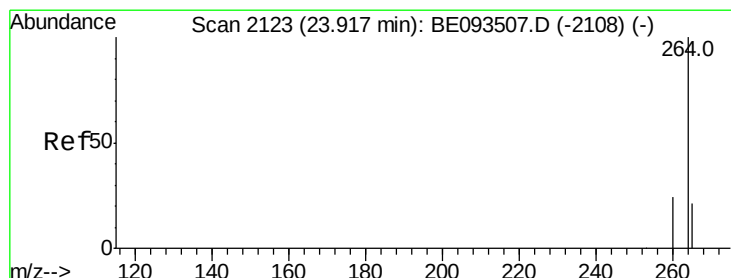
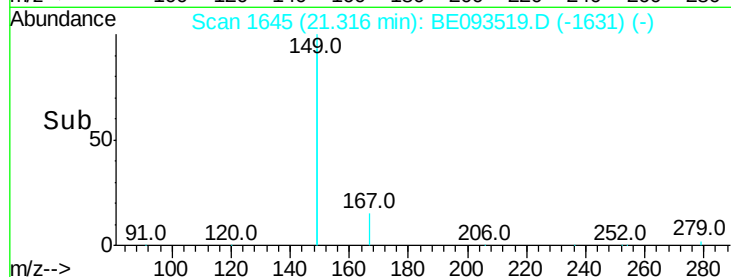
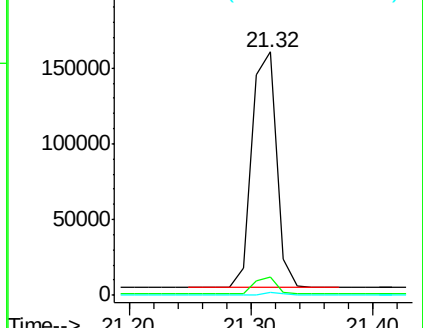
279 0.9 0.8 1.2



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

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE093519.D

Acq: 21 Jul 2017 21:46

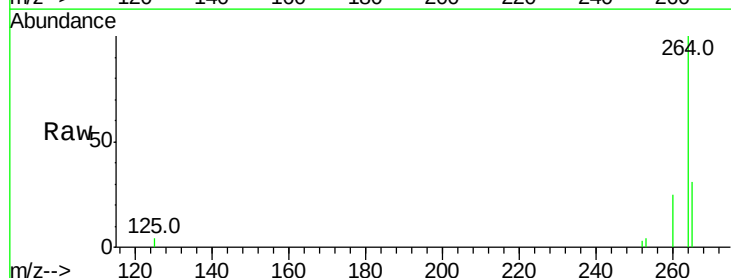
Tgt Ion:264 Resp: 31905

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 31.0 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

