

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093913.D
 Acq On : 1 Sep 2017 21:56
 Operator : SJ/JU
 Sample : I4963-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3828-SPP4-DUP

Quant Time: Sep 02 02:27:11 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

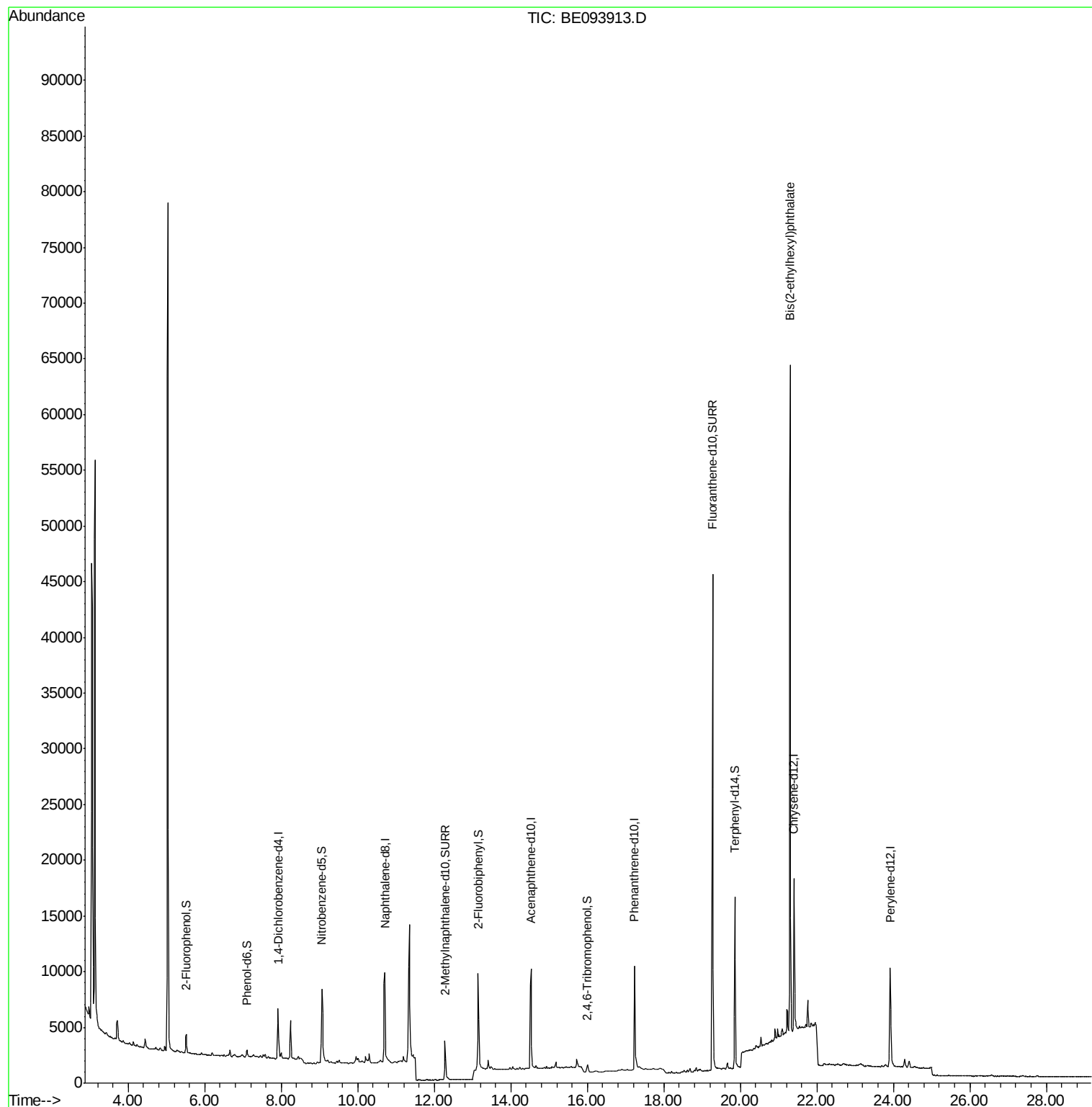
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2296	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11624	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	6755	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16423	0.40	ng	0.00
27) Chrysene-d12	21.40	240	17017	0.40	ng	-0.01
34) Perylene-d12	23.92	264	14896	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1085	0.15	ng	0.00
5) Phenol-d6	7.10	99	977	0.09	ng	0.01
8) Nitrobenzene-d5	9.06	82	3399	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5884	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	743	0.41	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	9589	0.36	ng	-0.01
25) Fluoranthene-d10	19.27	212	63358	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	14988	0.49	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.30	149	77222	0.725	ng	99

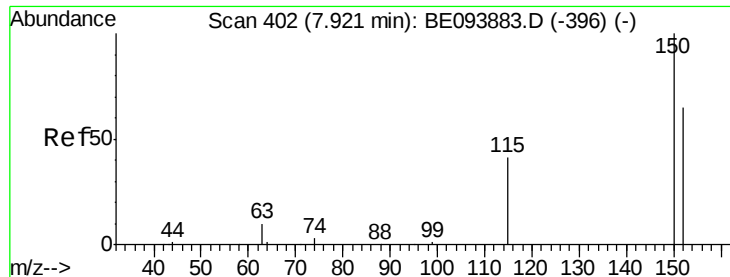
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 01 16:31:36 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: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

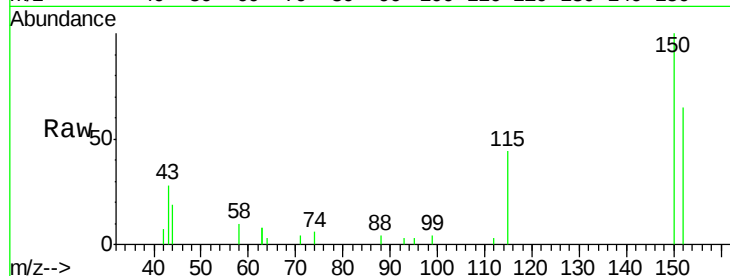
Tgt Ion:152 Resp: 2296

Ion Ratio Lower Upper

152 100

150 153.2 121.8 182.6

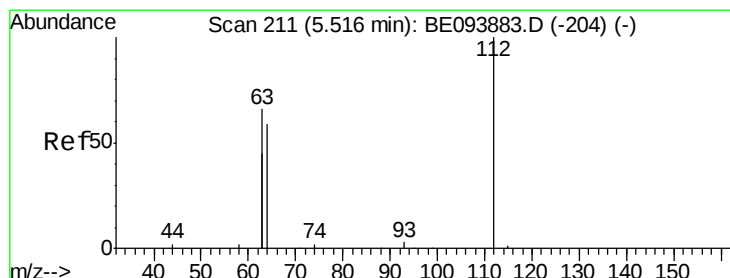
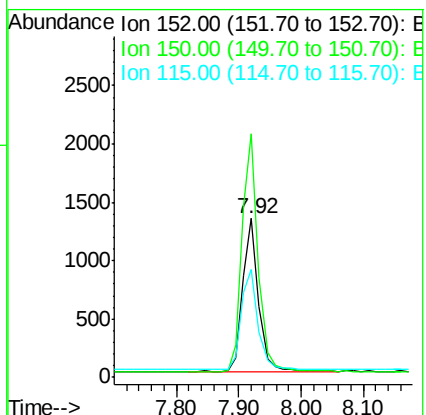
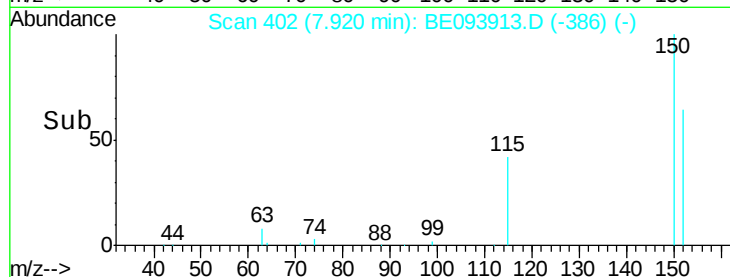
115 67.9 52.6 79.0



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: 0.154 ng

RT: 5.52 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

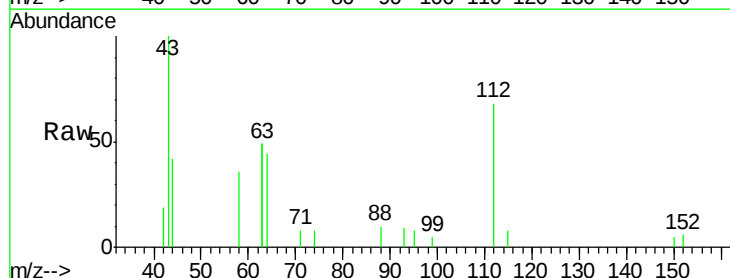
Tgt Ion:112 Resp: 1085

Ion Ratio Lower Upper

112 100

64 72.7 57.7 86.5

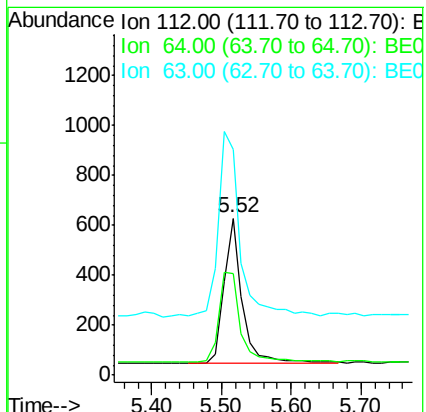
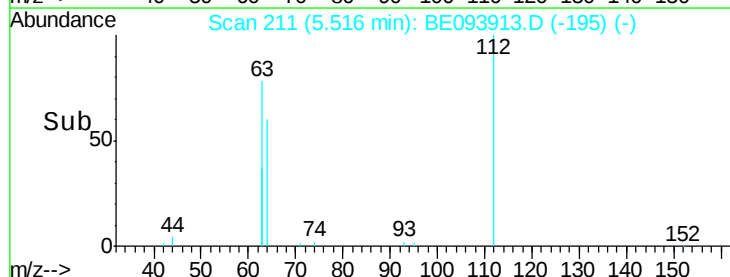
63 142.9 116.0 174.0

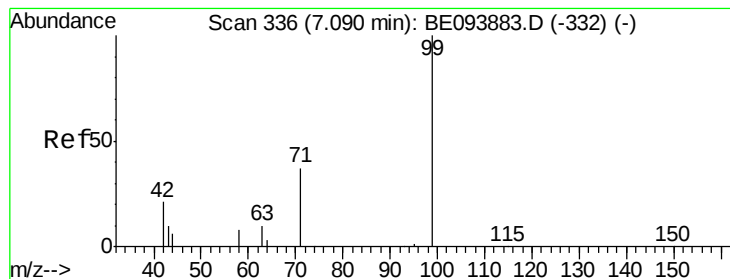


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.090 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

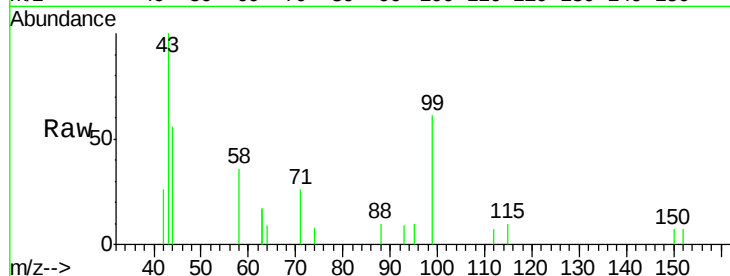
Tgt Ion: 99 Resp: 977

Ion Ratio Lower Upper

99 100

42 21.3 17.1 25.7

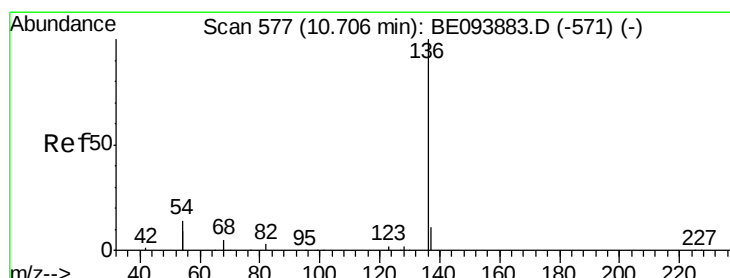
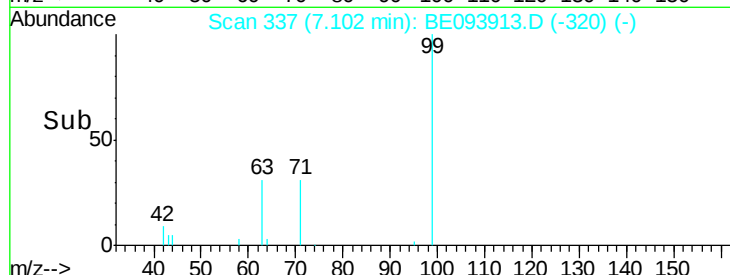
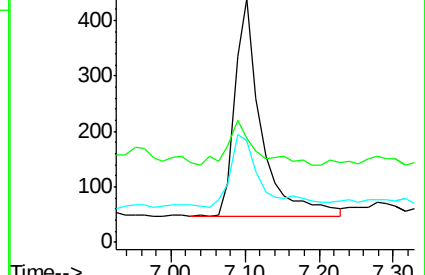
71 33.7 26.6 39.8



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. 0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Tgt Ion: 136 Resp: 11624

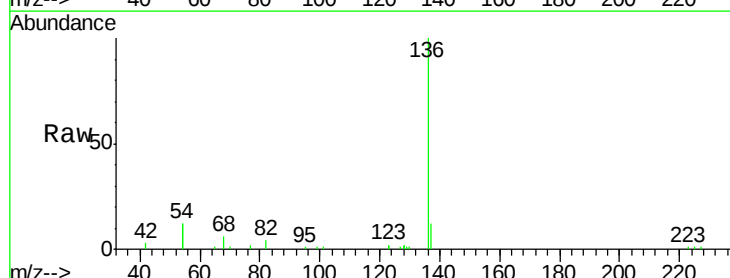
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 24.4 21.9 32.9

68 5.5 4.6 7.0

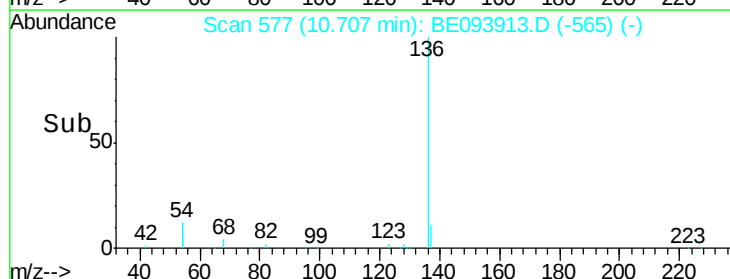
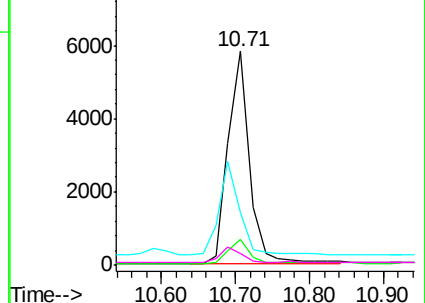


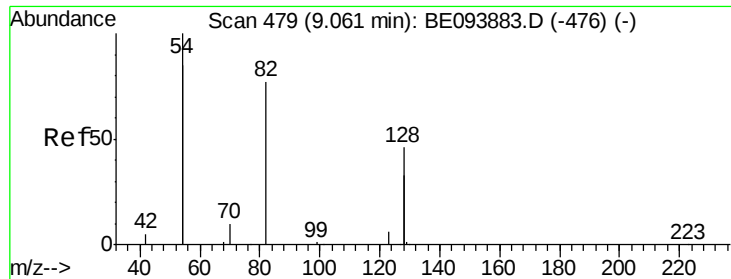
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

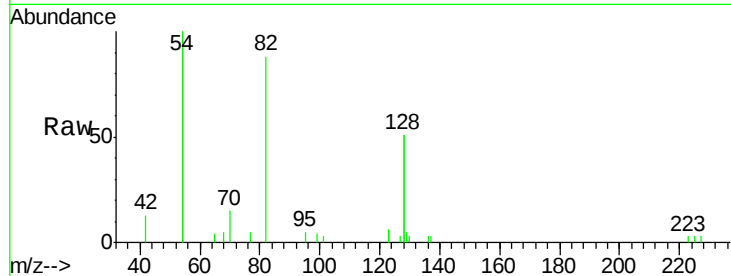
Tgt Ion: 82 Resp: 3399

Ion Ratio Lower Upper

82 100

128 115.3 91.4 137.0

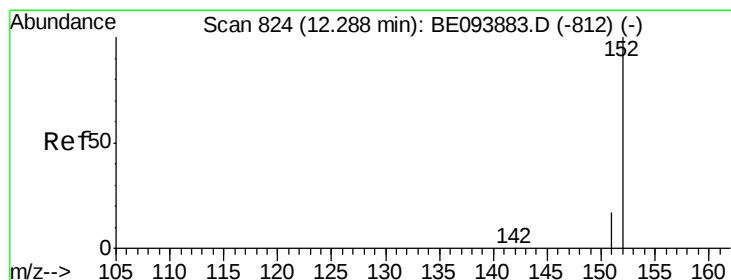
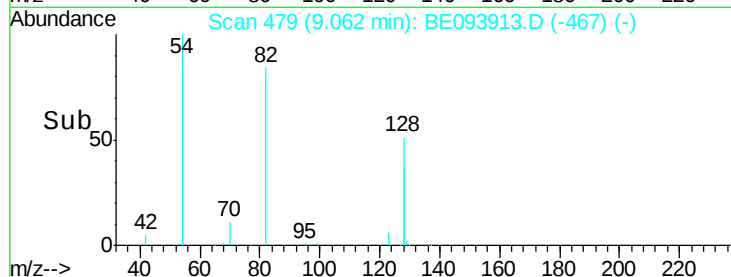
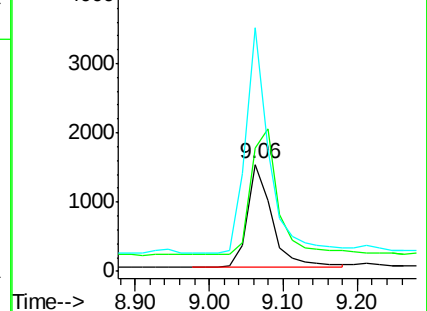
54 227.0 197.8 296.8



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: 0.320 ng

RT: 12.28 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE093913.D

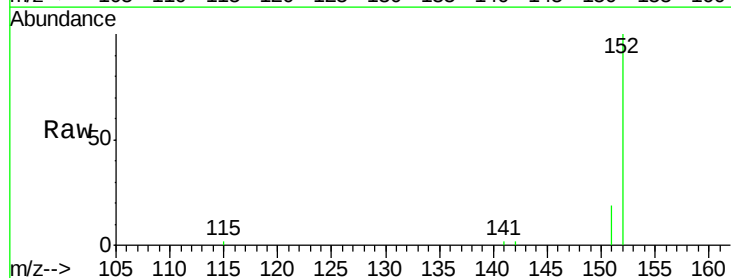
Acq: 1 Sep 2017 21:56

Tgt Ion: 152 Resp: 5884

Ion Ratio Lower Upper

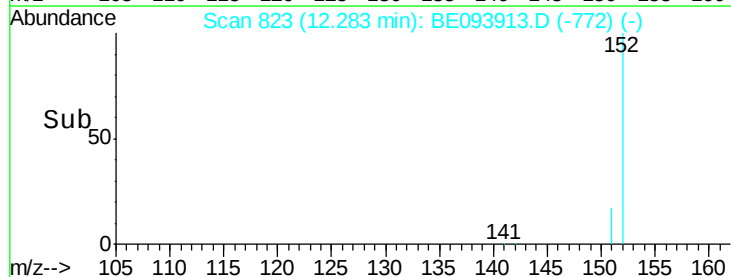
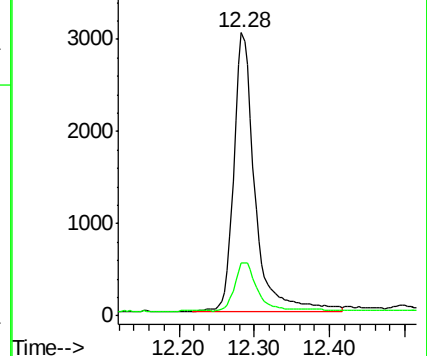
152 100

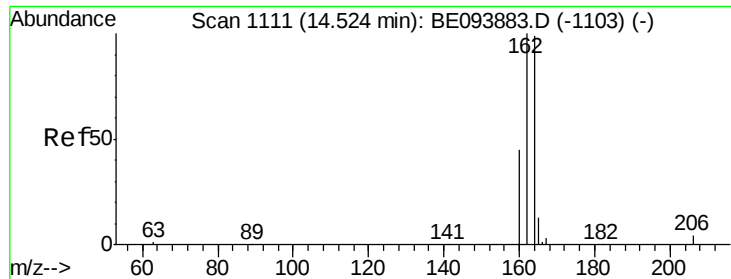
151 18.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

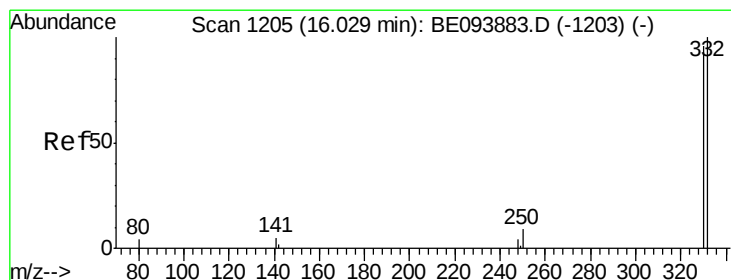
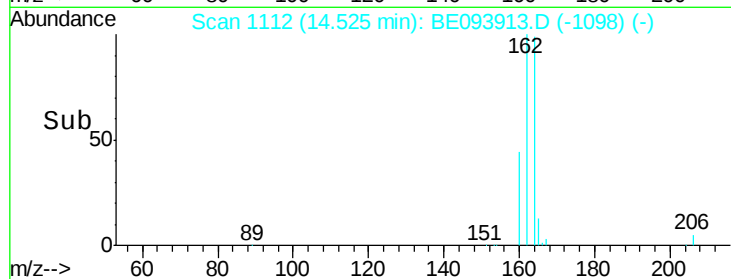
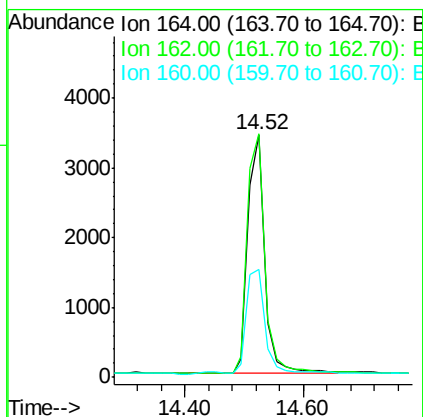
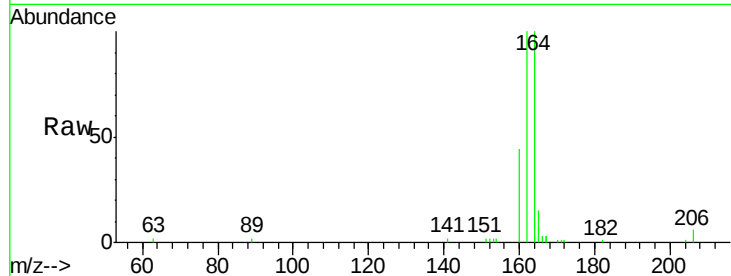




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093913.D
 Acq: 1 Sep 2017 21:56

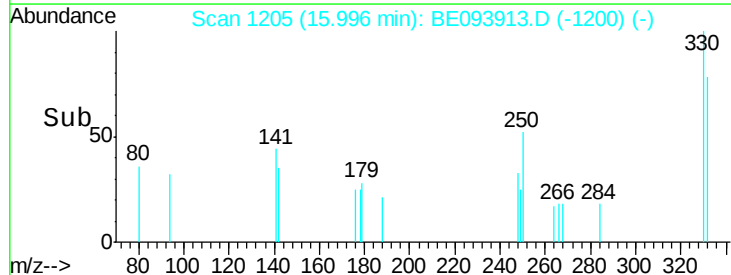
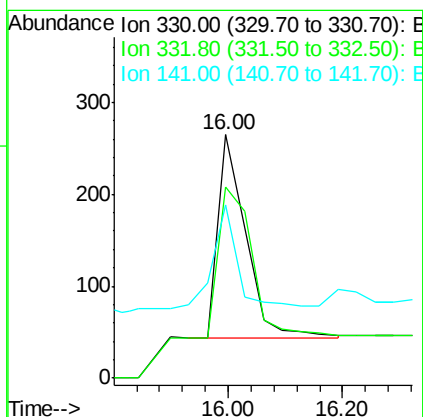
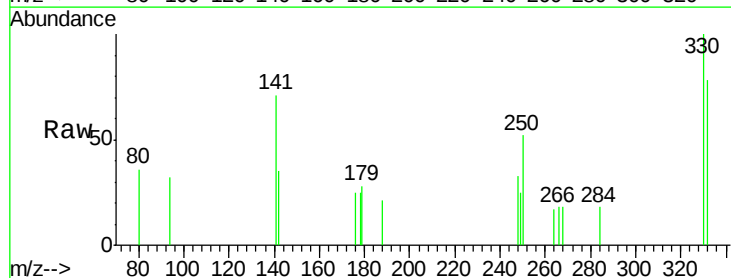
Instrument :
 BNA_E
 ClientSampleId :
 3828-SPP4-DUP

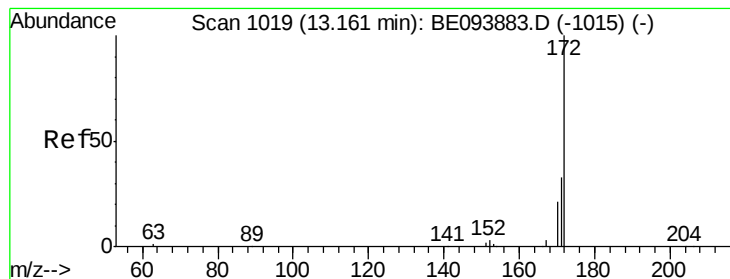
Tgt Ion:164 Resp: 6755
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.8 121.2
 160 44.7 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.410 ng
 RT: 16.00 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BE093913.D
 Acq: 1 Sep 2017 21:56

Tgt Ion:330 Resp: 743
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.9 115.3
 141 45.0 0.0 0.0#





#15

2-Fluorobiphenyl

Concen: 0.357 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

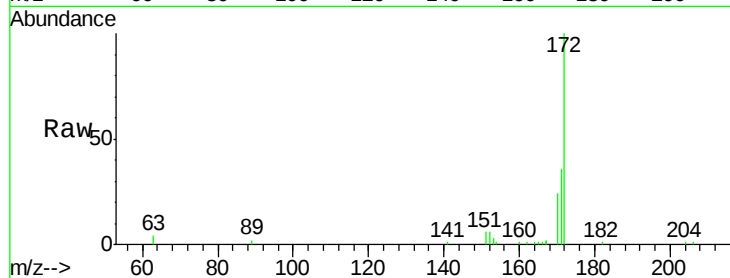
Tgt Ion:172 Resp: 9589

Ion Ratio Lower Upper

172 100

171 36.0 26.9 40.3

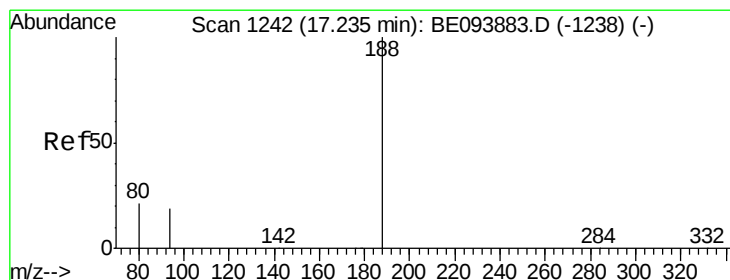
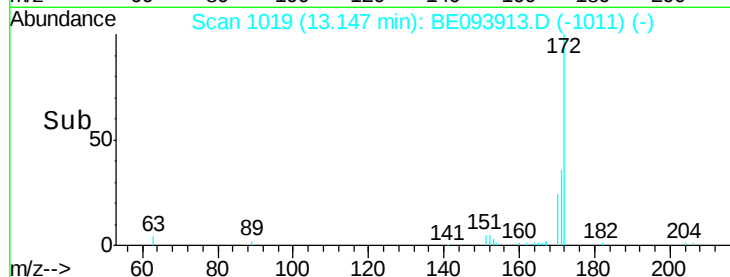
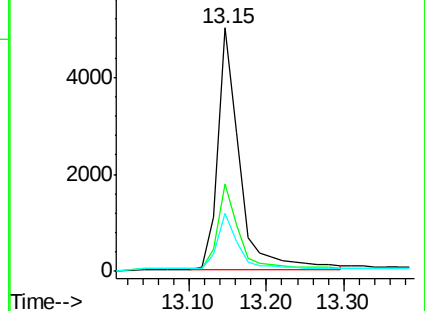
170 24.0 17.3 25.9



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: 17.23 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

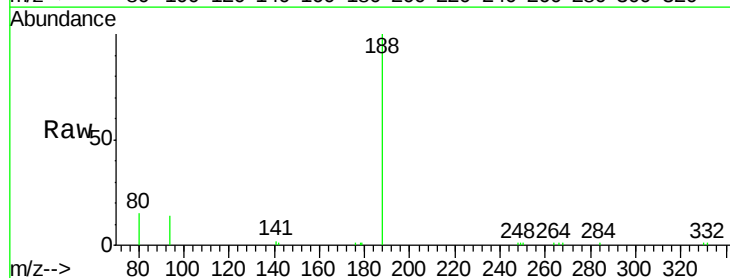
Tgt Ion:188 Resp: 16423

Ion Ratio Lower Upper

188 100

94 13.9 16.1 24.1#

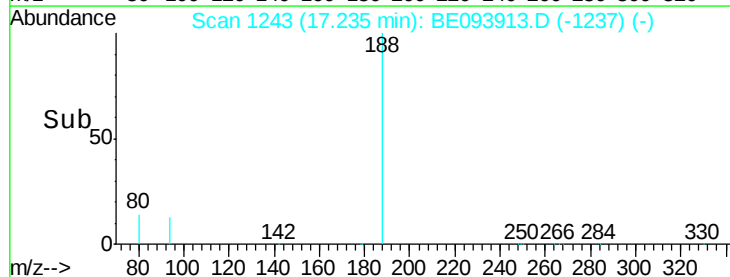
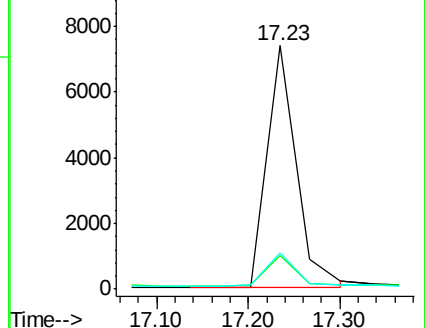
80 14.9 18.2 27.2#

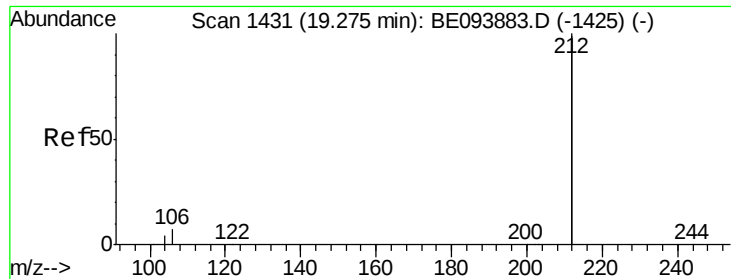


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

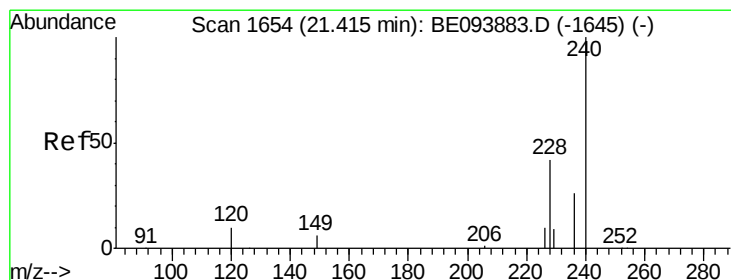
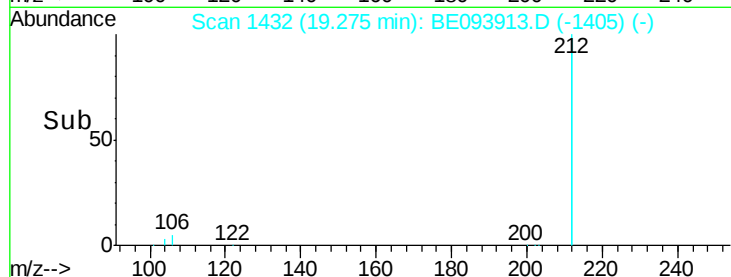
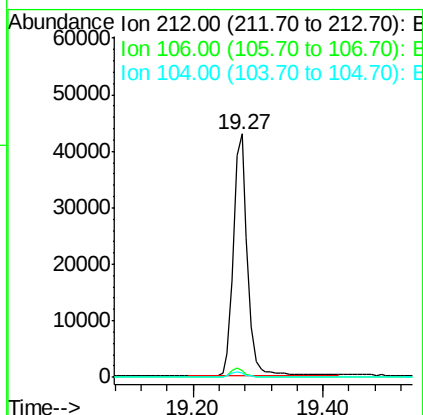
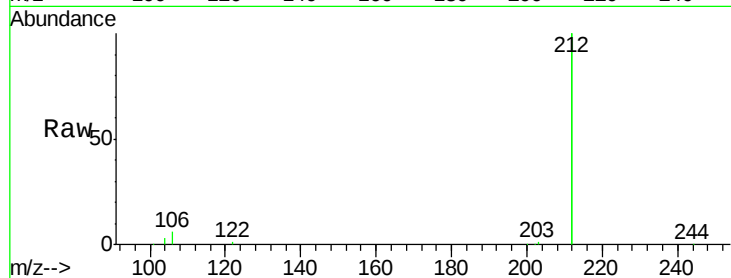




#25
 Fluoranthene-d10
 Concen: 0.335 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BE093913.D
 Acq: 1 Sep 2017 21:56

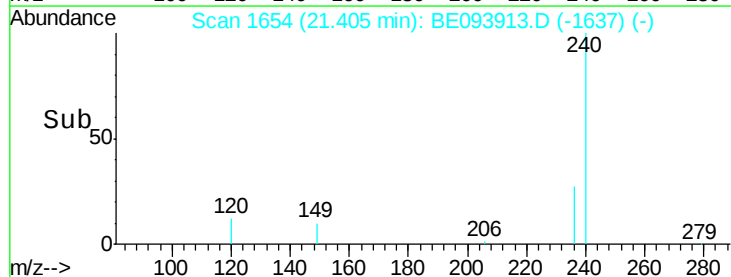
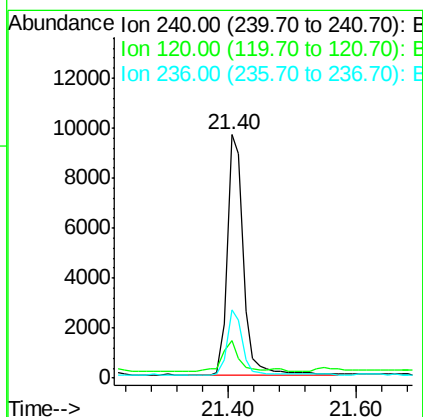
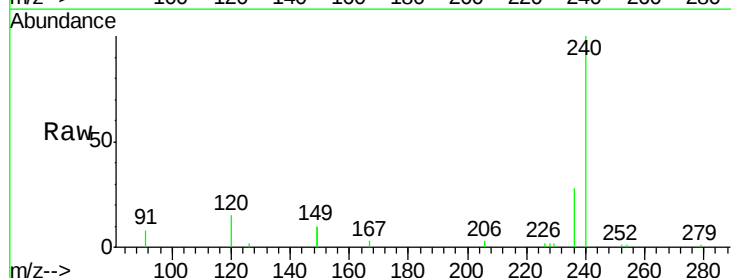
Instrument :
 BNA_E
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 3828-SPP4-DUP

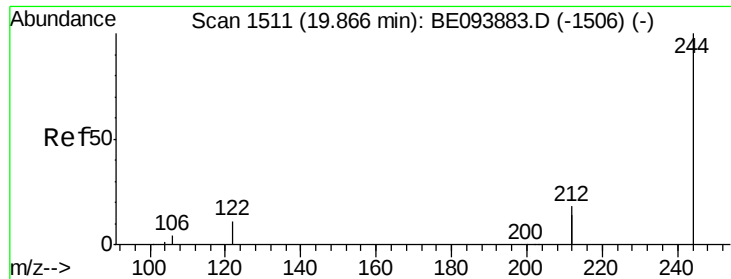
Tgt Ion:212 Resp: 63358
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093913.D
 Acq: 1 Sep 2017 21:56

Tgt Ion:240 Resp: 17017
 Ion Ratio Lower Upper
 240 100
 120 15.3 8.7 13.1#
 236 27.9 21.3 31.9





#29

Terphenyl-d14

Concen: 0.487 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

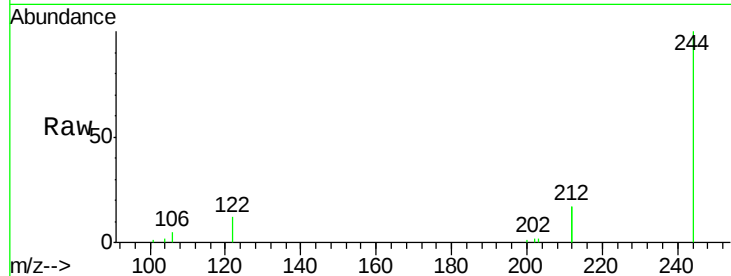
Tgt Ion:244 Resp: 14988

Ion Ratio Lower Upper

244 100

212 34.5 28.3 42.5

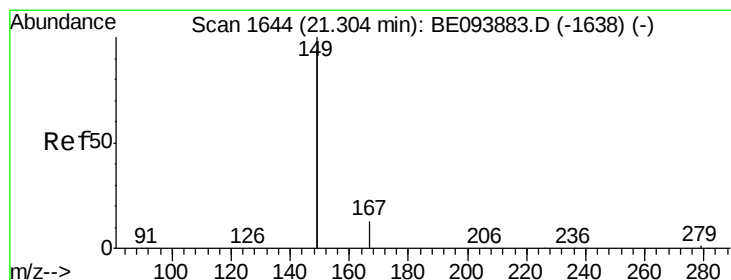
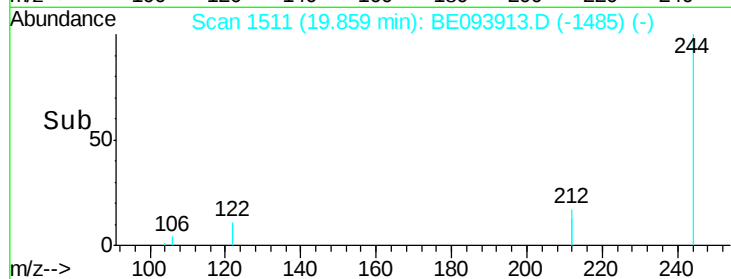
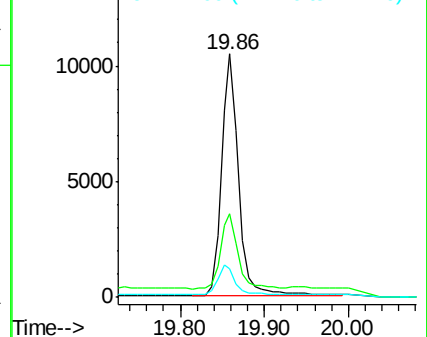
122 11.7 9.4 14.0



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: 0.725 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

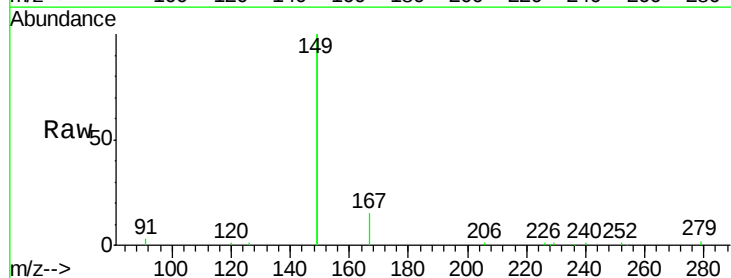
Tgt Ion:149 Resp: 77222

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

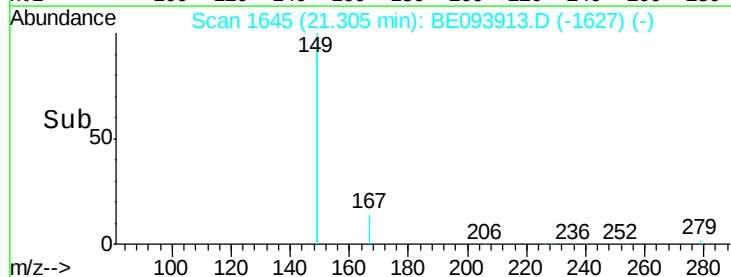
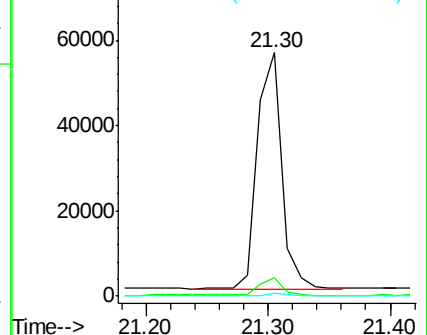
279 0.8 0.7 1.1

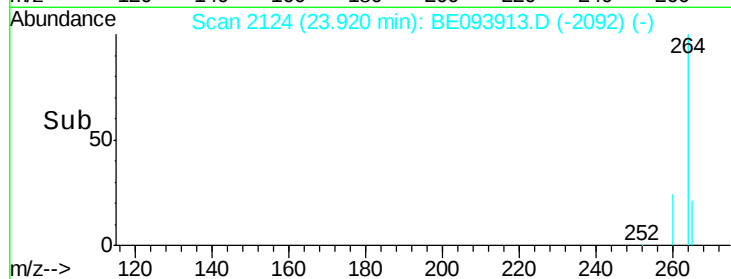
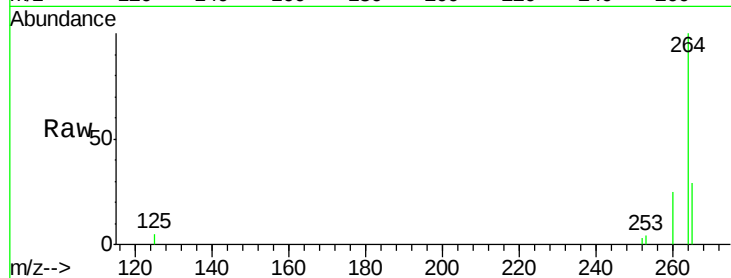
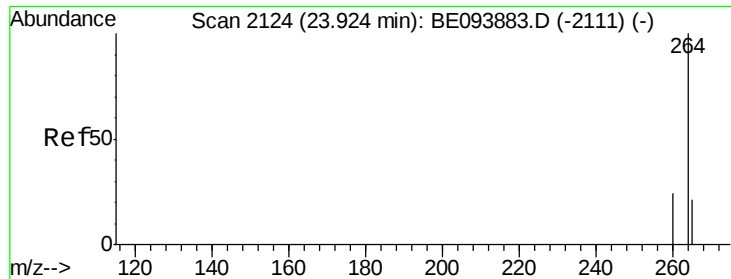


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093913.D

Acq: 1 Sep 2017 21:56

Instrument :

BNA_E

ClientSampleId :

3828-SPP4-DUP

Tgt Ion: 264 Resp: 14896

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 29.0 24.0 36.0

