

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093909.D
 Acq On : 1 Sep 2017 19:27
 Operator : SJ/JU
 Sample : I4963-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3824-SPP1

Quant Time: Sep 02 02:09:39 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

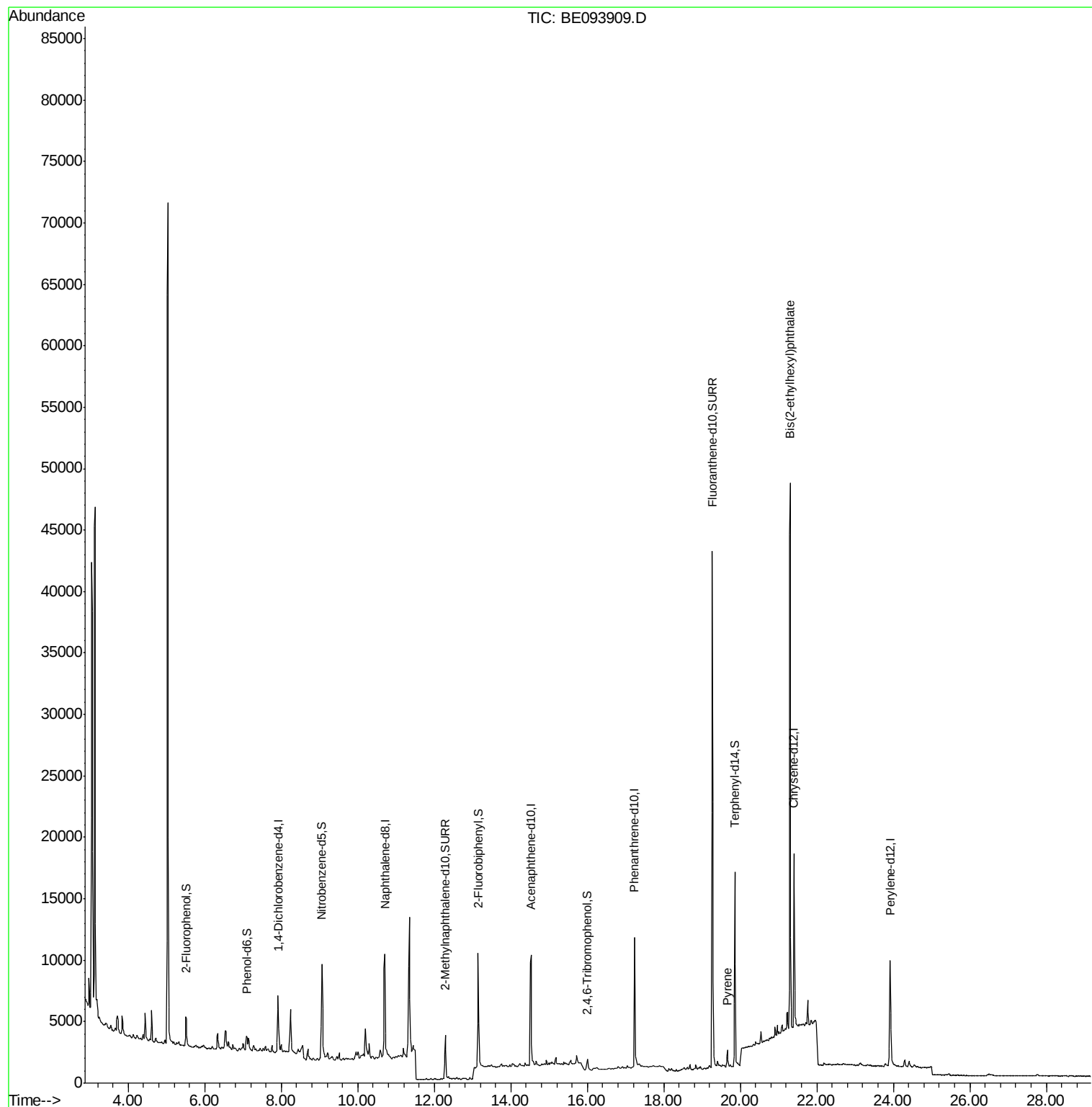
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2341	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11703	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	6821	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	18672	0.40	ng	0.00
27) Chrysene-d12	21.40	240	16901	0.40	ng	-0.01
34) Perylene-d12	23.92	264	14500	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1570	0.22	ng	0.00
5) Phenol-d6	7.10	99	1391	0.13	ng	0.01
8) Nitrobenzene-d5	9.06	82	3444	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5926	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	837	0.46	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	9766	0.36	ng	-0.01
25) Fluoranthene-d10	19.27	212	60039	0.28	ng	0.00
29) Terphenyl-d14	19.86	244	14427	0.47	ng	0.00
Target Compounds						
28) Pyrene	19.66	202	1247	0.022	ng	94
32) Bis(2-ethylhexyl)phthalate	21.30	149	60783	0.574	ng	99

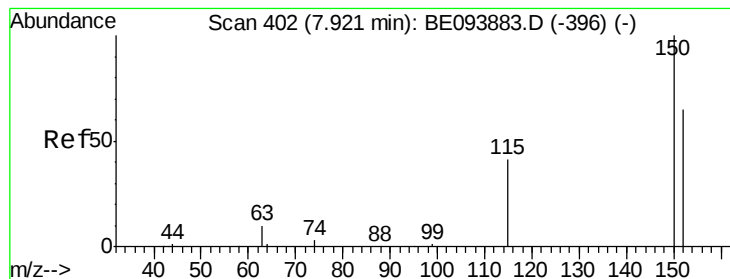
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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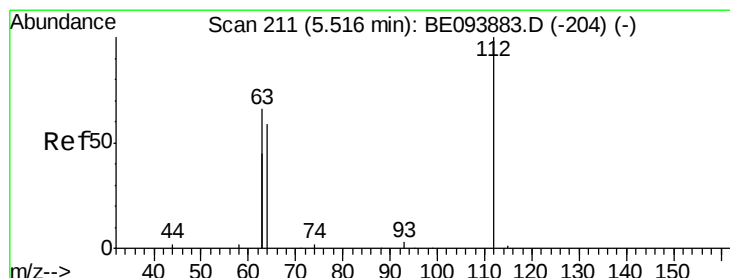
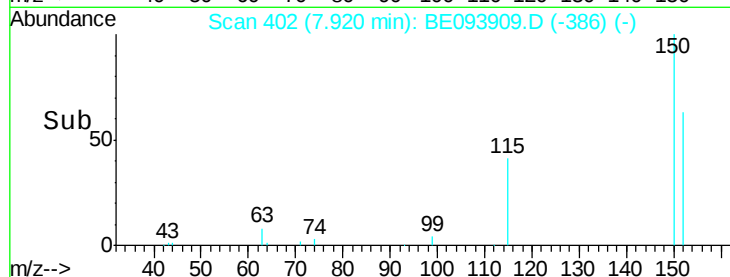
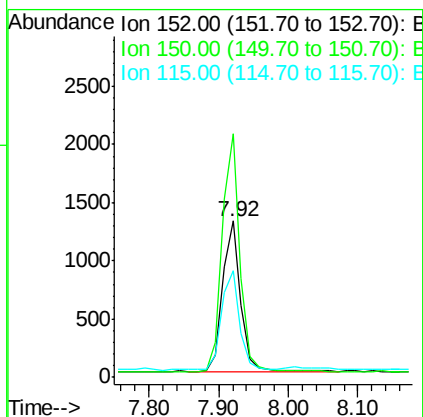
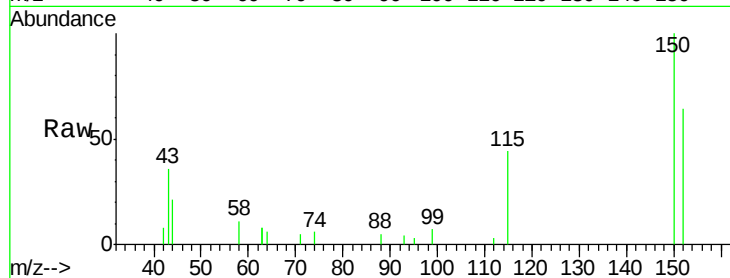


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093909.D
Acq: 1 Sep 2017 19:27

Instrument :
BNA_E
ClientSampleId :
3824-SPP1

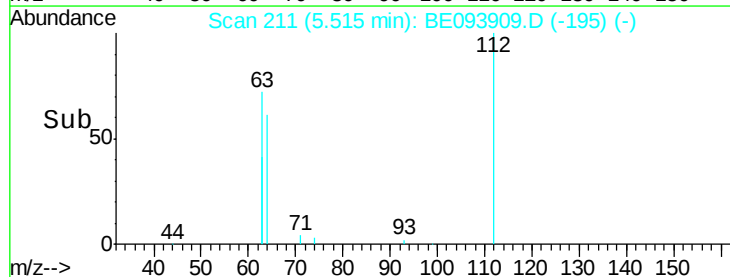
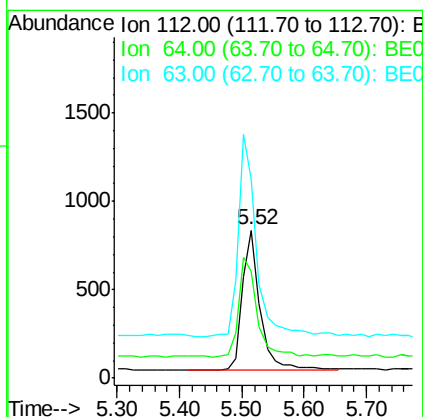
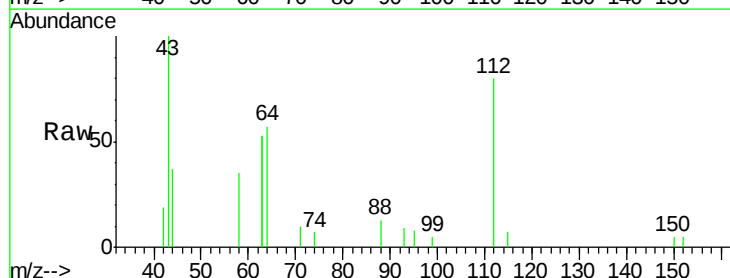
Tgt Ion:152 Resp: 2341
Ion Ratio Lower Upper
152 100
150 155.8 121.8 182.6
115 68.3 52.6 79.0

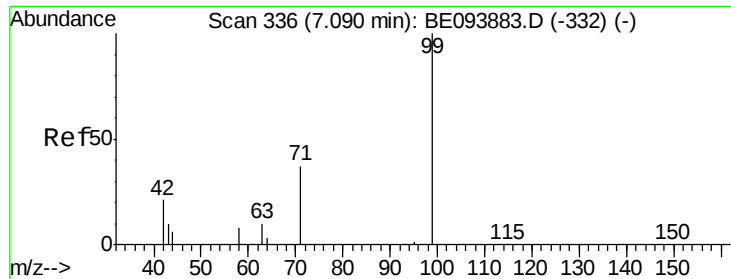


#4

2-Fluorophenol
Concen: 0.218 ng
RT: 5.52 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE093909.D
Acq: 1 Sep 2017 19:27

Tgt Ion:112 Resp: 1570
Ion Ratio Lower Upper
112 100
64 73.8 57.7 86.5
63 146.8 116.0 174.0





#5

Phenol-d6

Concen: 0.126 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampleId :

3824-SPP1

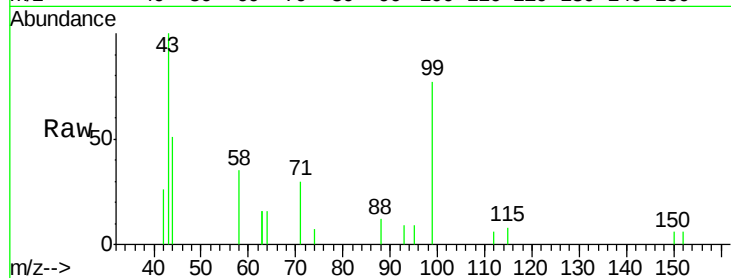
Tgt Ion: 99 Resp: 1391

Ion Ratio Lower Upper

99 100

42 16.8 17.1 25.7#

71 47.2 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

7.10

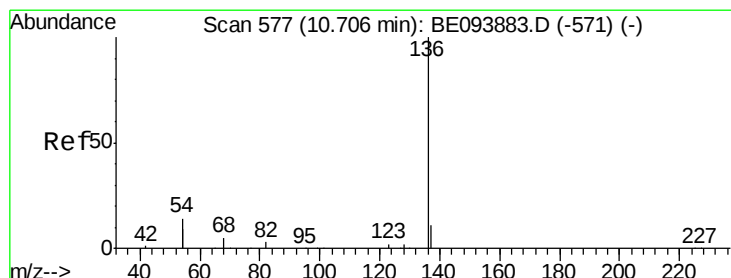
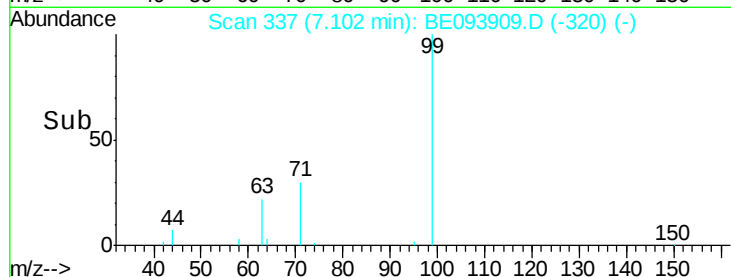
600

400

200

0

Time--> 7.00 7.05 7.10 7.15



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Tgt Ion: 136 Resp: 11703

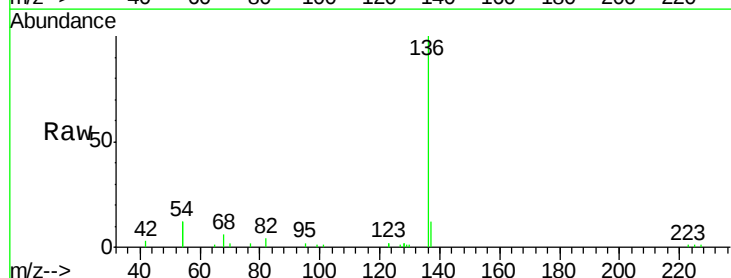
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 24.6 21.9 32.9

68 5.8 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

10.71

8000

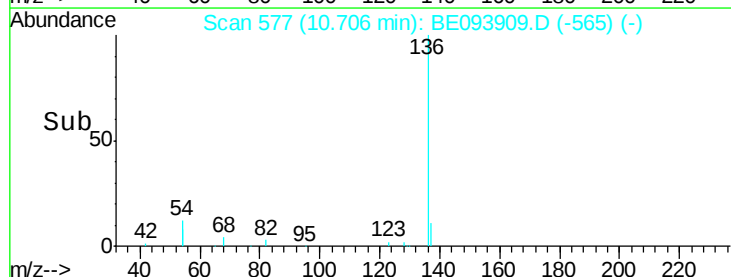
6000

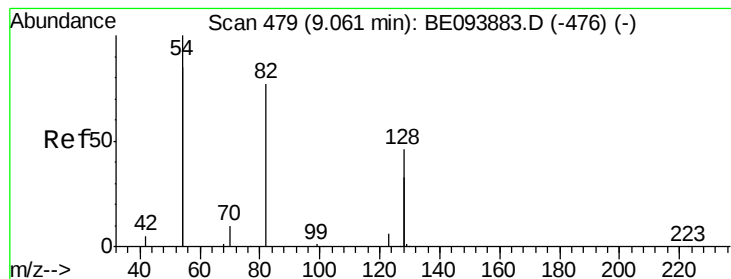
4000

2000

0

Time--> 10.60 10.70 10.80





#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampleId :

3824-SPP1

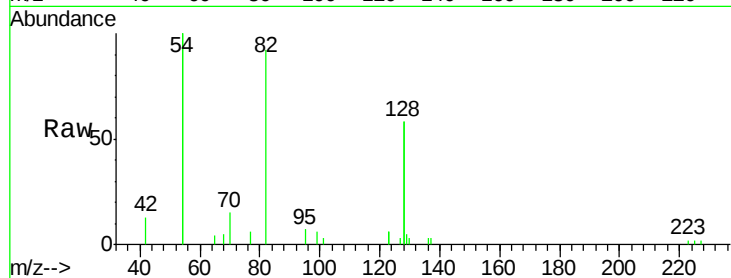
Tgt Ion: 82 Resp: 3444

Ion Ratio Lower Upper

82 100

128 125.9 91.4 137.0

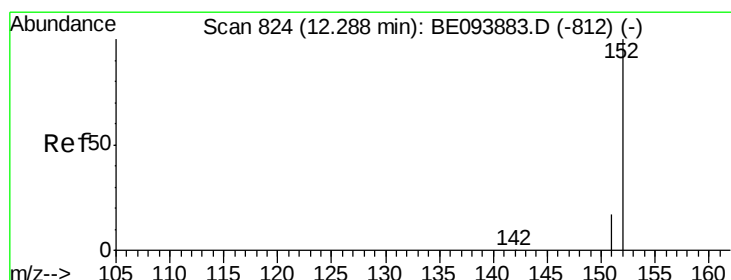
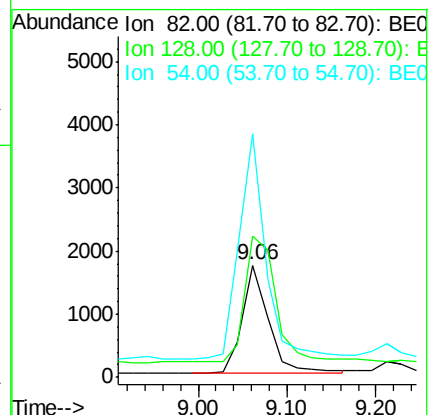
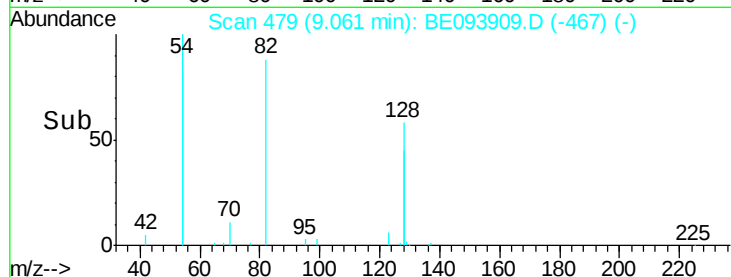
54 217.2 197.8 296.8



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. -0.00 min

Lab File: BE093909.D

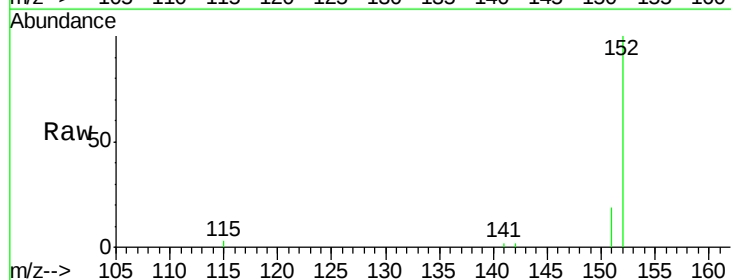
Acq: 1 Sep 2017 19:27

Tgt Ion: 152 Resp: 5926

Ion Ratio Lower Upper

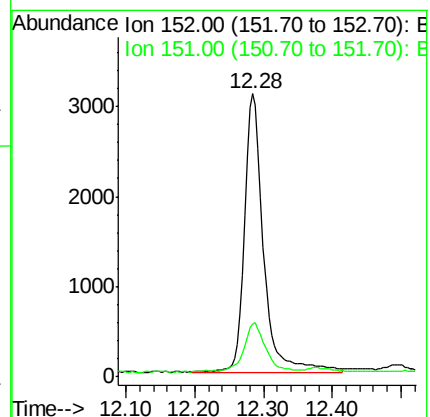
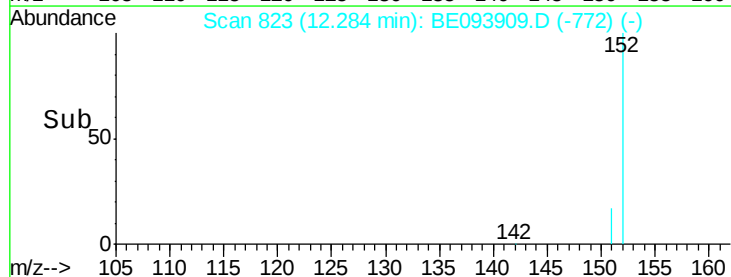
152 100

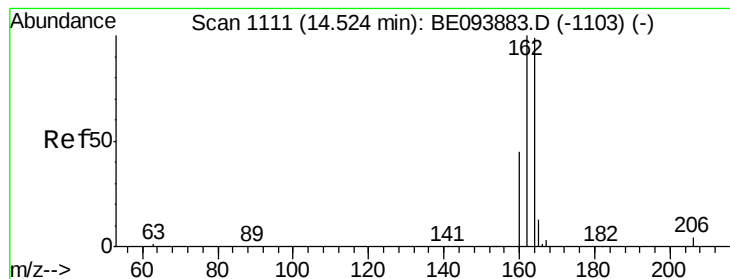
151 19.7 15.4 23.0



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: 14.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampleId :

3824-SPP1

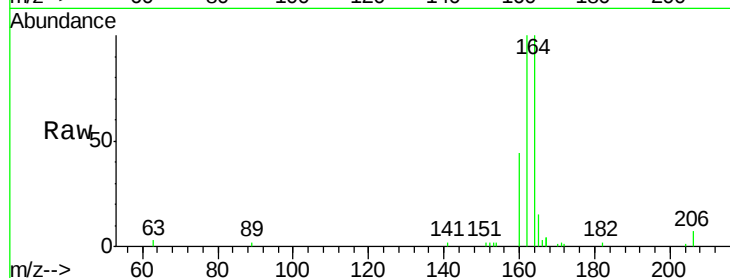
Tgt Ion:164 Resp: 6821

Ion Ratio Lower Upper

164 100

162 99.6 80.8 121.2

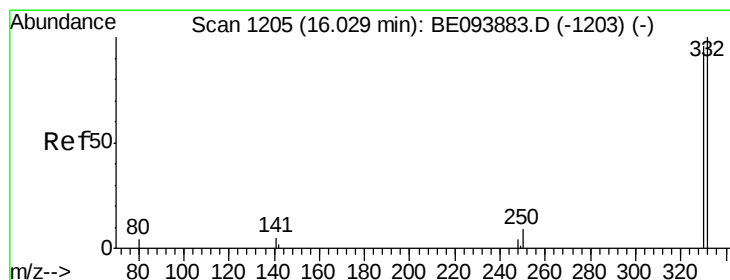
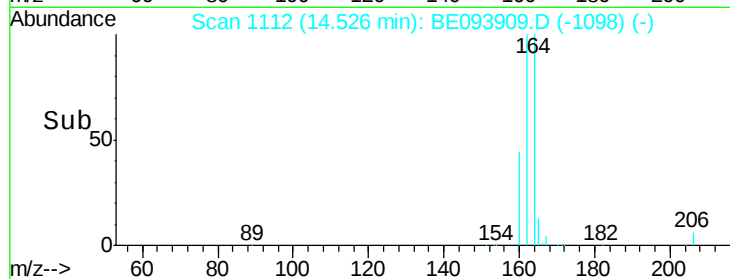
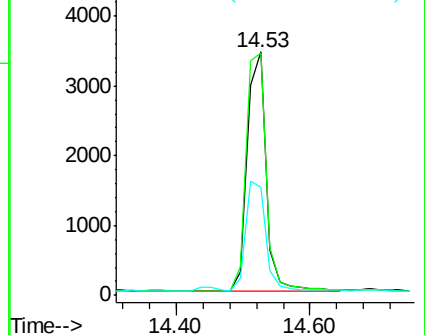
160 44.4 37.0 55.4



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: 0.458 ng

RT: 16.00 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

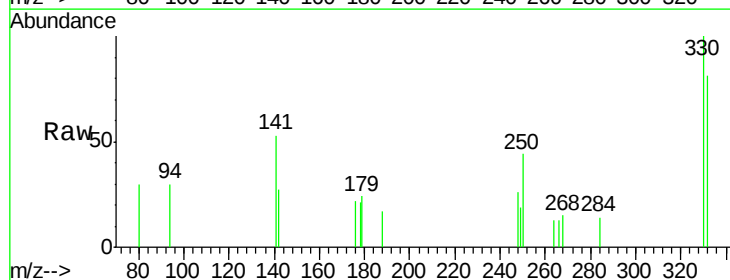
Tgt Ion:330 Resp: 837

Ion Ratio Lower Upper

330 100

332 88.5 76.9 115.3

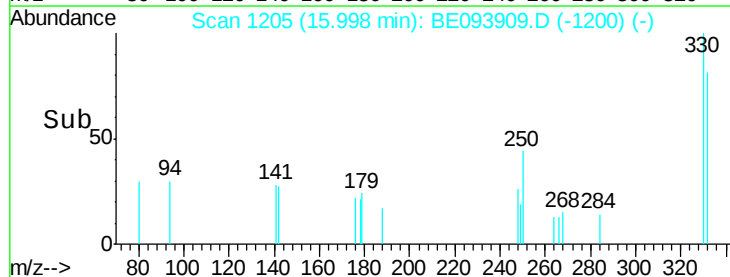
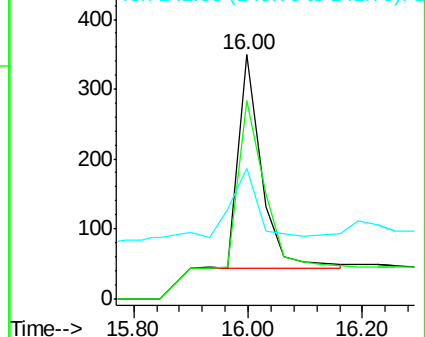
141 37.2 0.0 0.0#

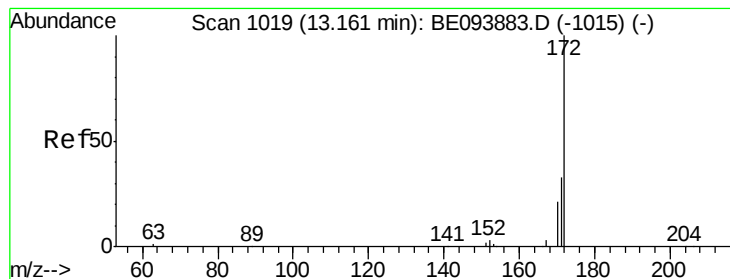


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 13.15 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampleId :

3824-SPP1

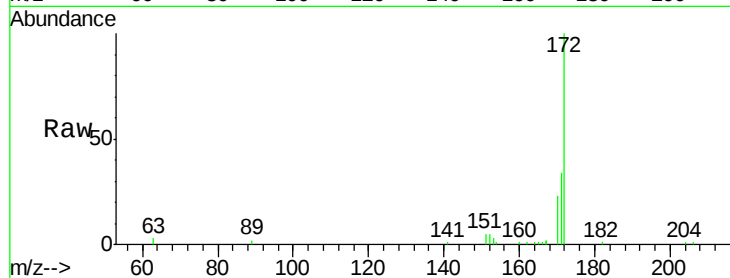
Tgt Ion:172 Resp: 9766

Ion Ratio Lower Upper

172 100

171 34.3 26.9 40.3

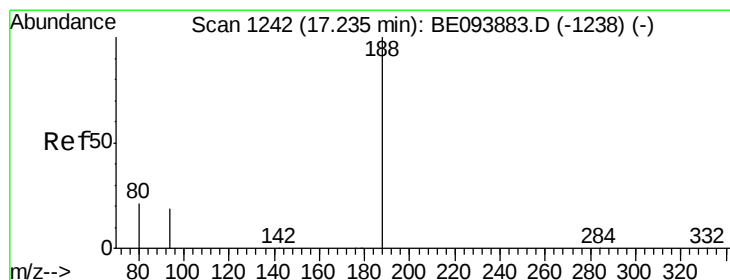
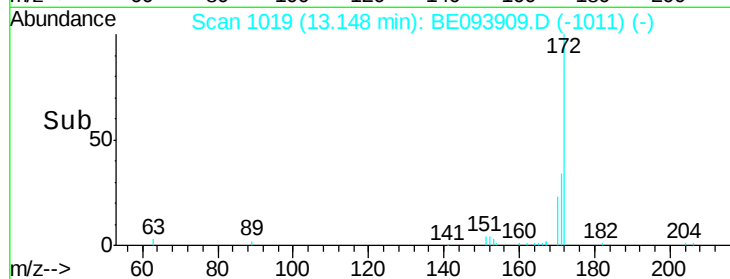
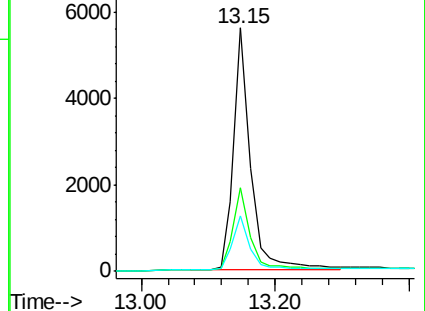
170 22.9 17.3 25.9



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. 0.00 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

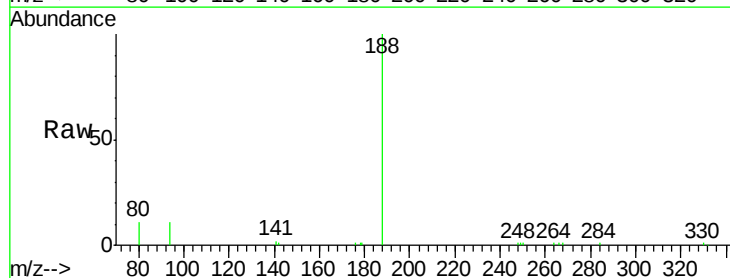
Tgt Ion:188 Resp: 18672

Ion Ratio Lower Upper

188 100

94 11.0 16.1 24.1#

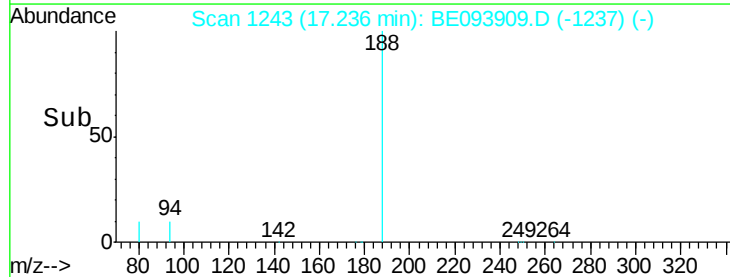
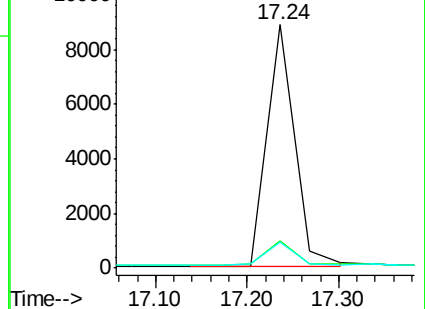
80 10.8 18.2 27.2#

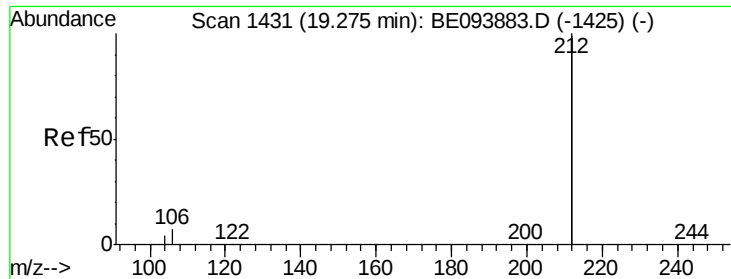


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

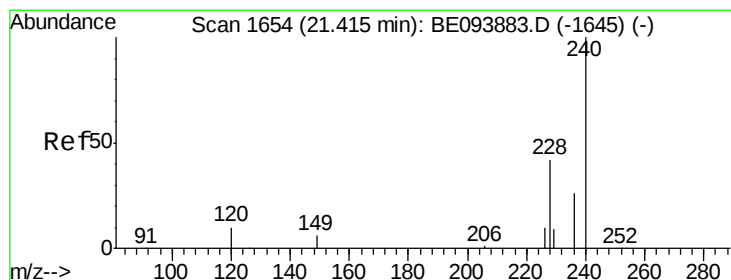
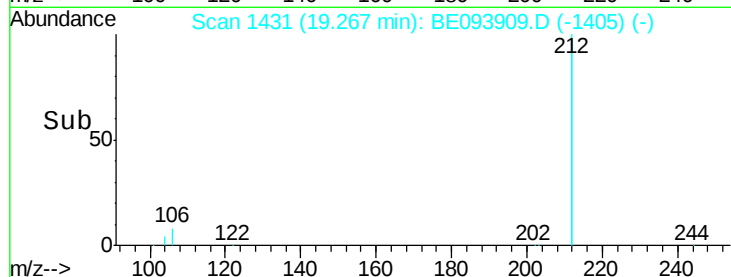
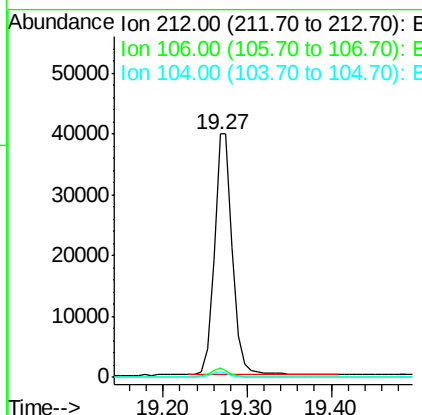
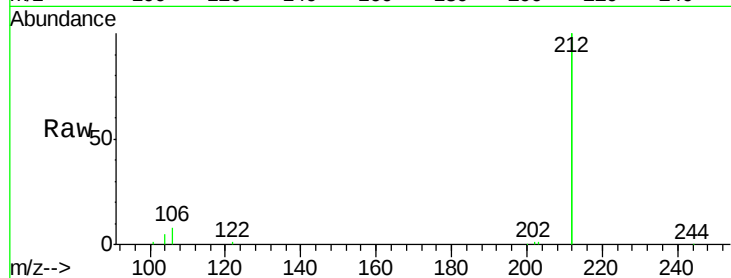




#25
 Fluoranthene-d10
 Concen: 0.279 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE093909.D
 Acq: 1 Sep 2017 19:27

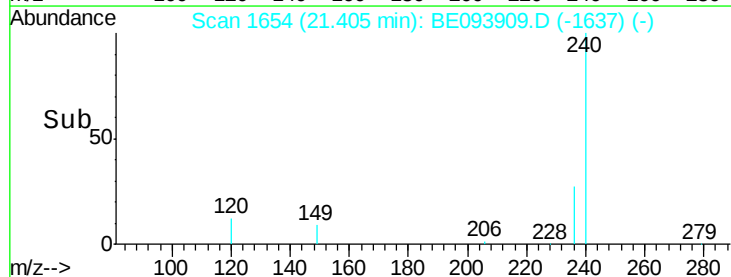
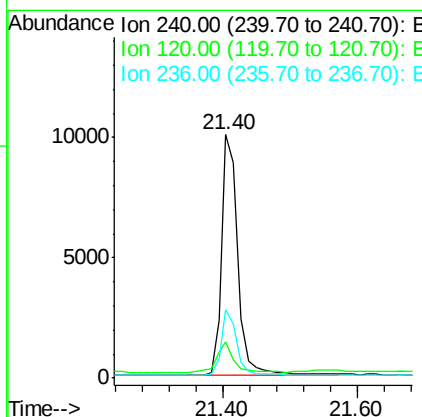
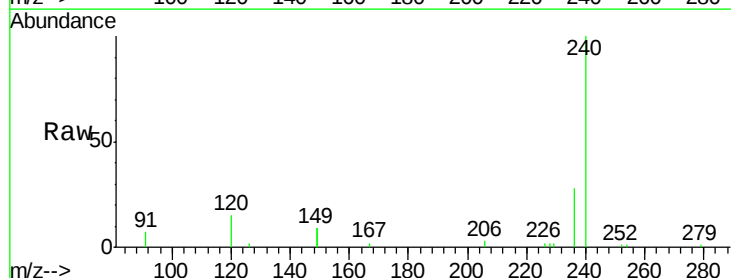
Instrument :
 BNA_E
 ClientSampleId :
 3824-SPP1

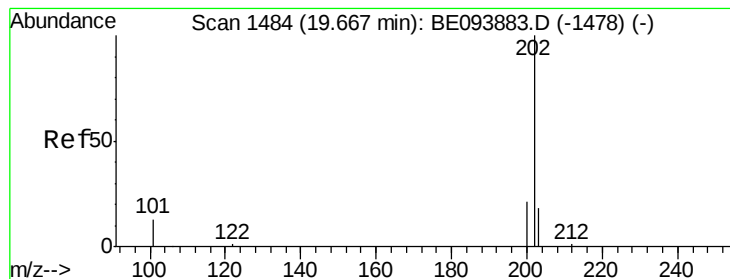
Tgt Ion:212 Resp: 60039
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.7 4.1
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BE093909.D
 Acq: 1 Sep 2017 19:27

Tgt Ion:240 Resp: 16901
 Ion Ratio Lower Upper
 240 100
 120 14.8 8.7 13.1#
 236 27.8 21.3 31.9





#28

Pyrene

Concen: 0.022 ng

RT: 19.66 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampleId :

3824-SPP1

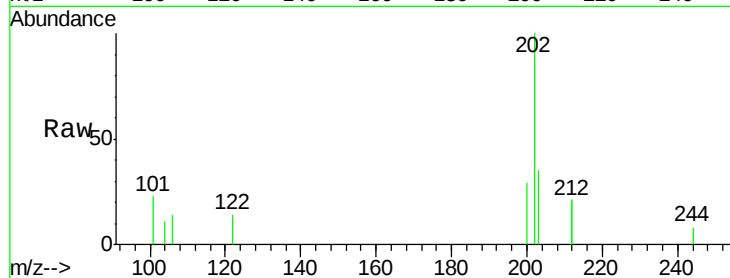
Tgt Ion:202 Resp: 1247

Ion Ratio Lower Upper

202 100

200 23.0 16.6 24.8

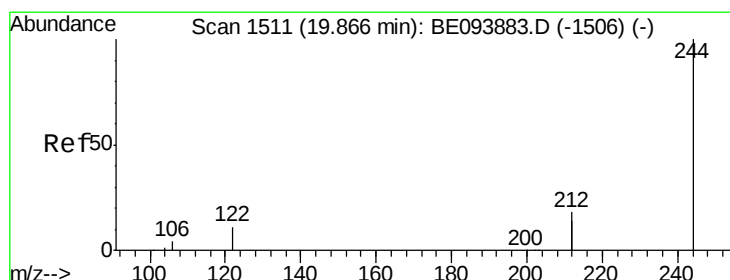
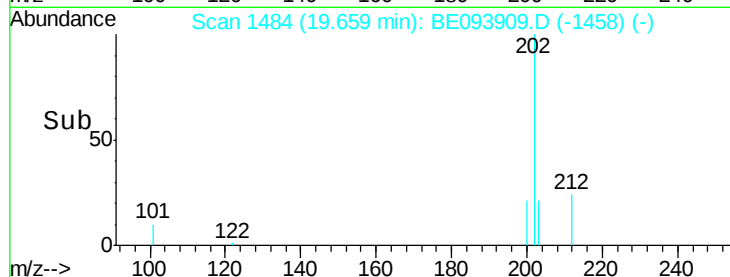
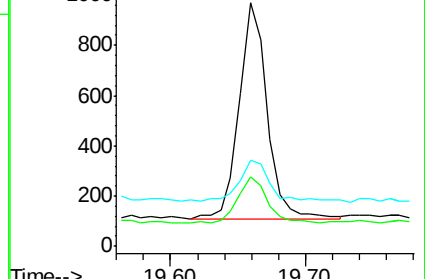
203 20.6 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.472 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

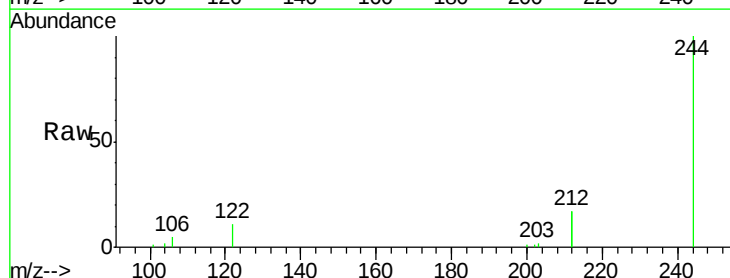
Tgt Ion:244 Resp: 14427

Ion Ratio Lower Upper

244 100

212 33.2 28.3 42.5

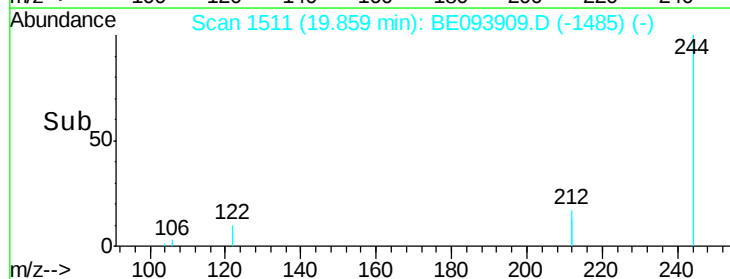
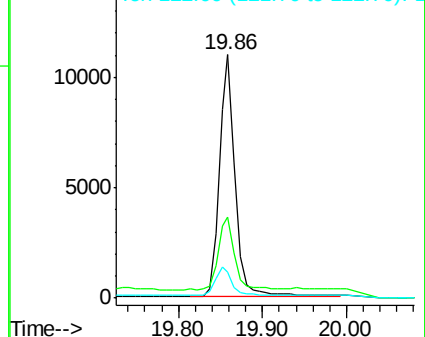
122 10.8 9.4 14.0

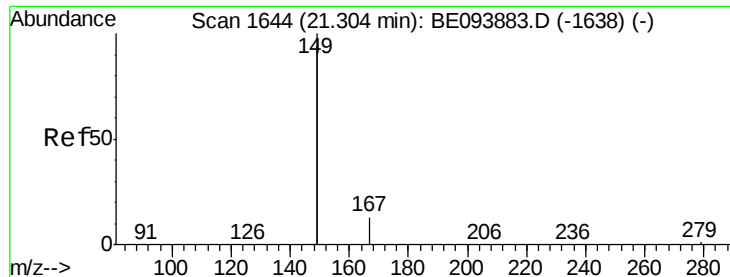


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.574 ng

RT: 21.30 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

Instrument :

BNA_E

ClientSampled :

3824-SPP1

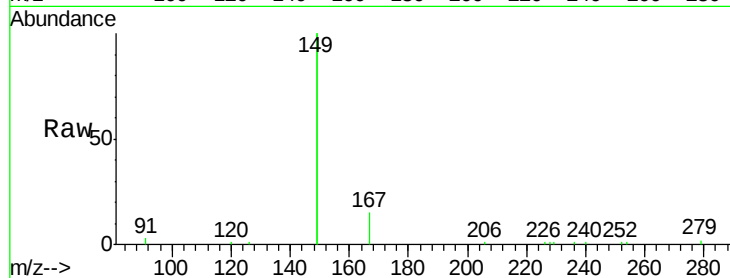
Tgt Ion:149 Resp: 60783

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

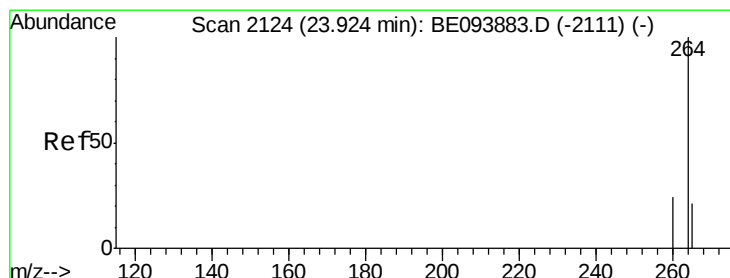
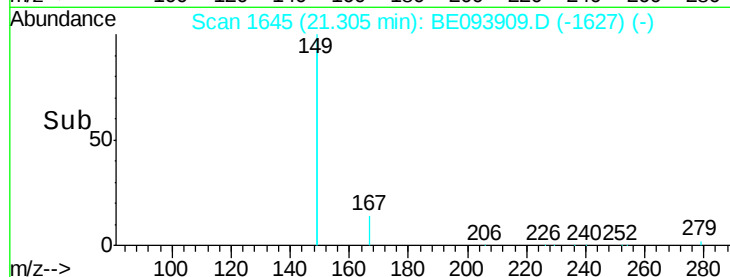
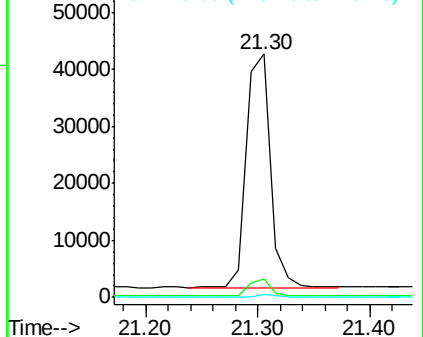
279 0.9 0.7 1.1



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# 2123

Delta R.T. -0.01 min

Lab File: BE093909.D

Acq: 1 Sep 2017 19:27

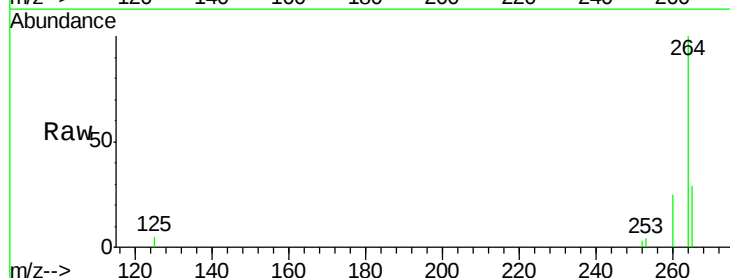
Tgt Ion:264 Resp: 14500

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 29.3 24.0 36.0



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

