

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101917\
 Data File : BE094464.D
 Acq On : 20 Oct 2017 2:23
 Operator : SJ/JU
 Sample : I5819-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3910-SPP3

Quant Time: Oct 20 14:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 14:54:40 2017
 Response via : Initial Calibration

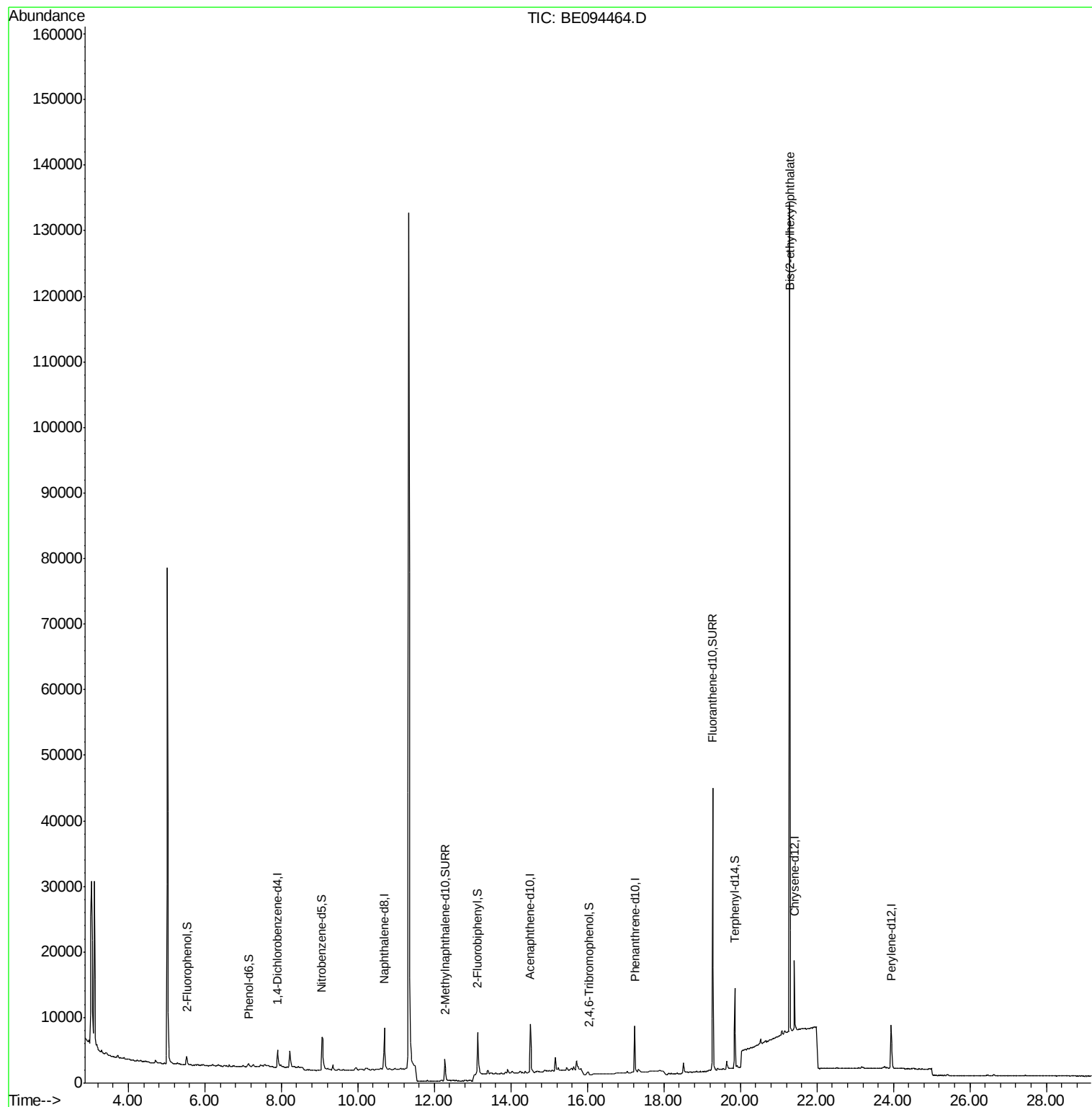
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1424	0.40	ng	-0.02
7) Naphthalene-d8	10.69	136	7716	0.40	ng	-0.02
13) Acenaphthene-d10	14.51	164	4558	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	13004	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	10540	0.40	ng	-0.01
34) Perylene-d12	23.94	264	9897	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	1003	0.21	ng	0.00
5) Phenol-d6	7.14	99	990	0.13	ng	0.00
8) Nitrobenzene-d5	9.06	82	3040	0.45	ng	-0.02
11) 2-Methylnaphthalene-d10	12.28	152	5476	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	575	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7940	0.49	ng	-0.01
25) Fluoranthene-d10	19.27	212	56695	0.27	ng	-0.02
29) Terphenyl-d14	19.86	244	11444	0.54	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.29	149	148588	1.415	ng	Qvalue 100

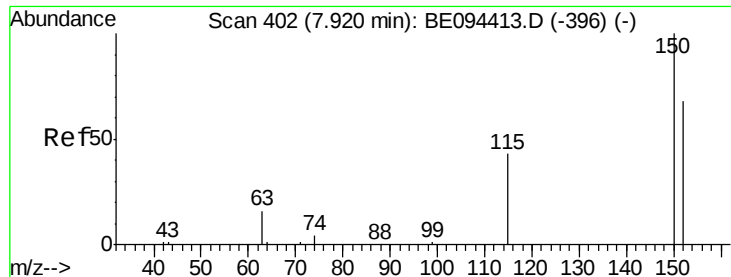
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.02 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Instrument :

BNA_E

ClientSampleId :

3910-SPP3

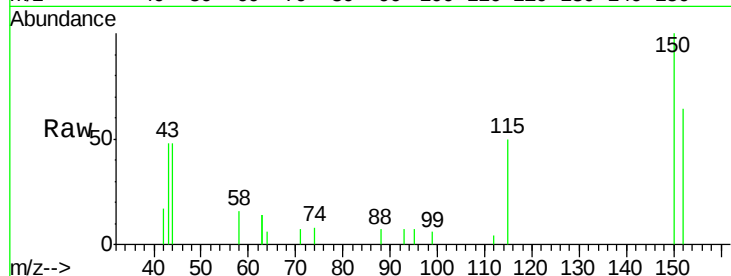
Tgt Ion:152 Resp: 1424

Ion Ratio Lower Upper

152 100

150 157.2 117.2 175.8

115 78.4 57.0 85.6

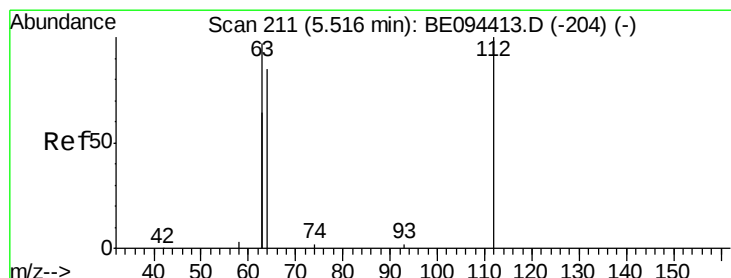
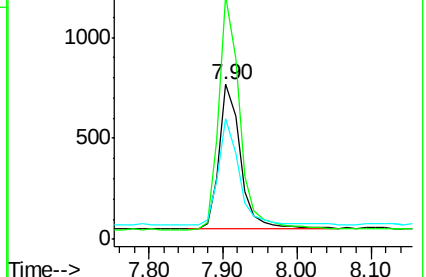
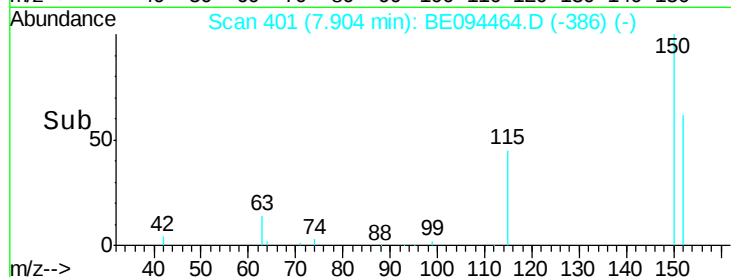


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#4

2-Fluorophenol

Concen: 0.208 ng

RT: 5.52 min Scan# 212

Delta R.T. 0.01 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

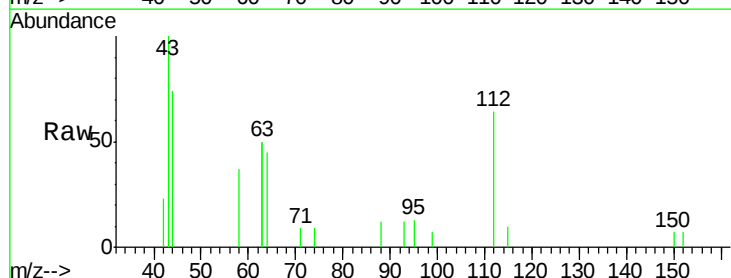
Tgt Ion:112 Resp: 1003

Ion Ratio Lower Upper

112 100

64 75.2 60.1 90.1

63 138.6 116.8 175.2

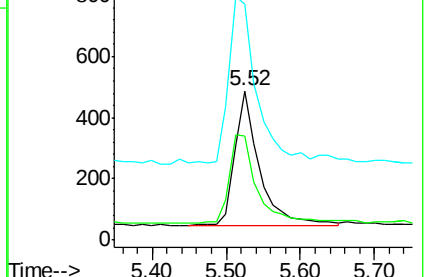
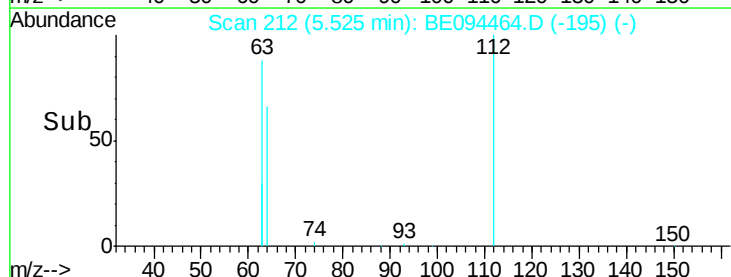


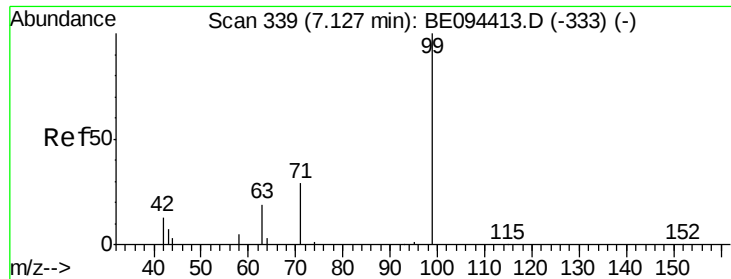
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.132 ng

RT: 7.14 min Scan# 340

Delta R.T. 0.01 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Instrument :

BNA_E

ClientSampleId :

3910-SPP3

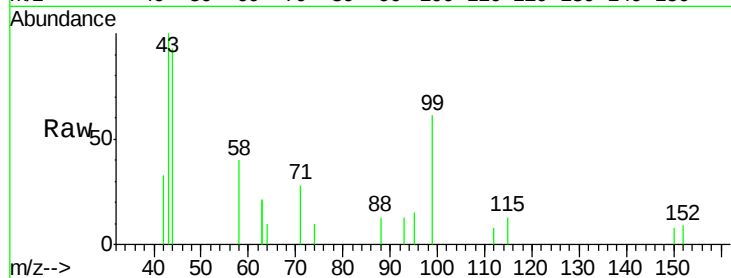
Tgt Ion: 99 Resp: 990

Ion Ratio Lower Upper

99 100

42 19.8 20.2 30.2#

71 32.0 28.4 42.6



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 7.30

7.14

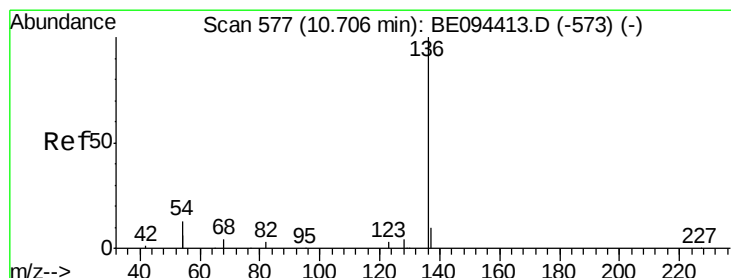
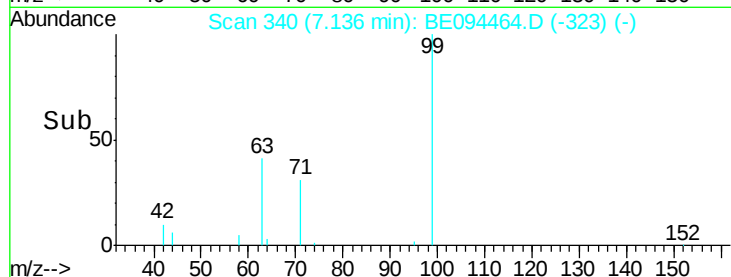
400

300

200

100

0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Tgt Ion: 136 Resp: 7716

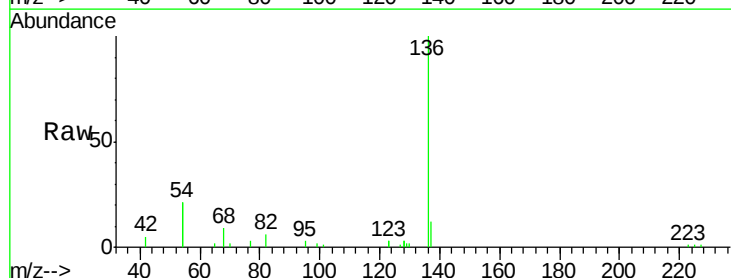
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 41.6 29.1 43.7

68 8.7 6.2 9.2



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

Time-->

10.40 10.60 10.80

10.69

6000

5000

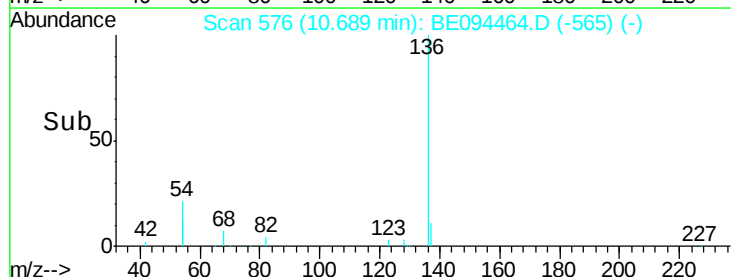
4000

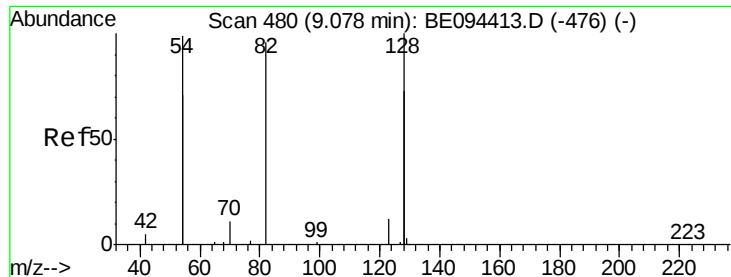
3000

2000

1000

0





#8

Nitrobenzene-d5

Concen: 0.453 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.02 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Instrument :

BNA_E

ClientSampleId :

3910-SPP3

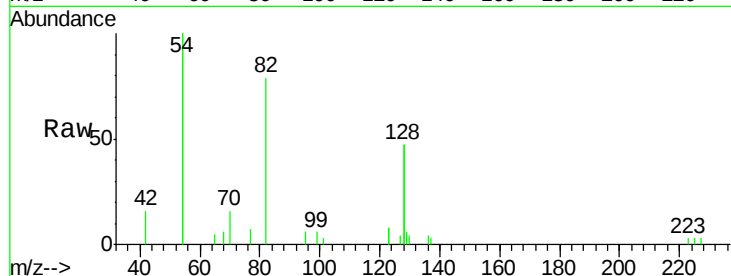
Tgt Ion: 82 Resp: 3040

Ion Ratio Lower Upper

82 100

128 118.1 150.0 225.0#

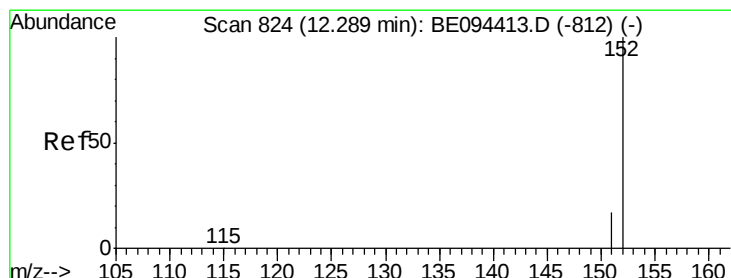
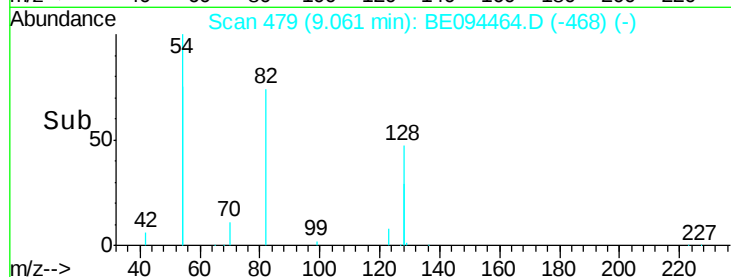
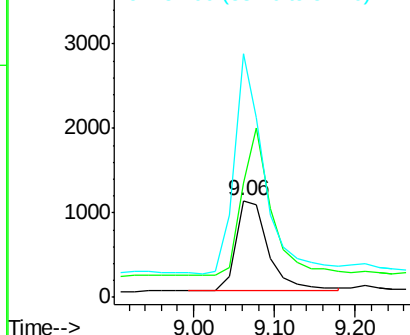
54 252.1 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE094464.D (-468) (-)

Ion 128.00 (127.70 to 128.70): BE094464.D (-468) (-)

Ion 54.00 (53.70 to 54.70): BE094464.D (-468) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 12.28 min Scan# 821

Delta R.T. -0.01 min

Lab File: BE094464.D

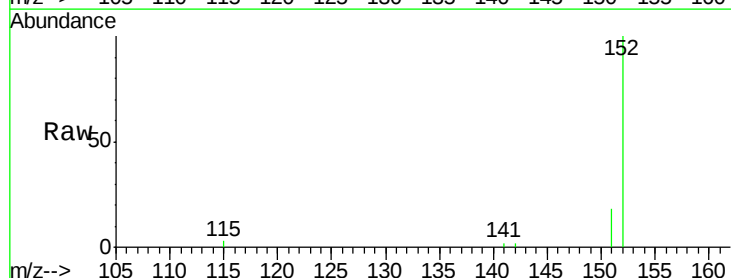
Acq: 20 Oct 2017 2:23

Tgt Ion: 152 Resp: 5476

Ion Ratio Lower Upper

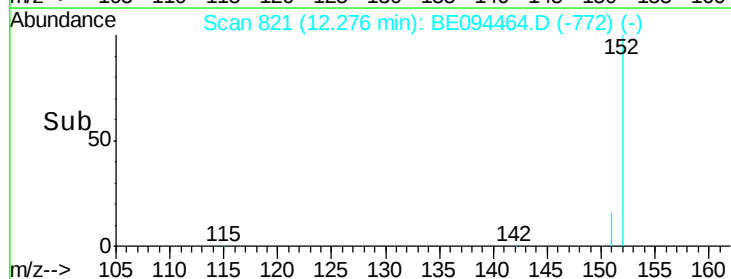
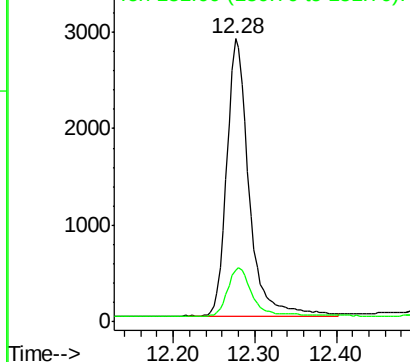
152 100

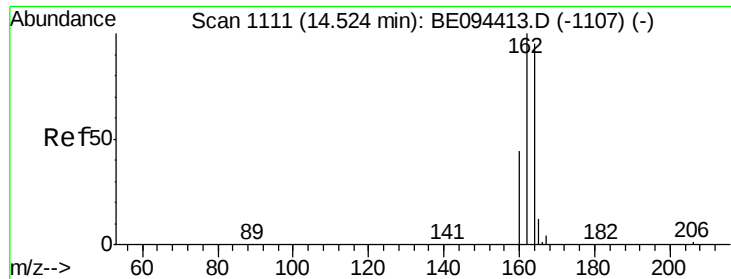
151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE094464.D (-772) (-)

Ion 151.00 (150.70 to 151.70): BE094464.D (-772) (-)

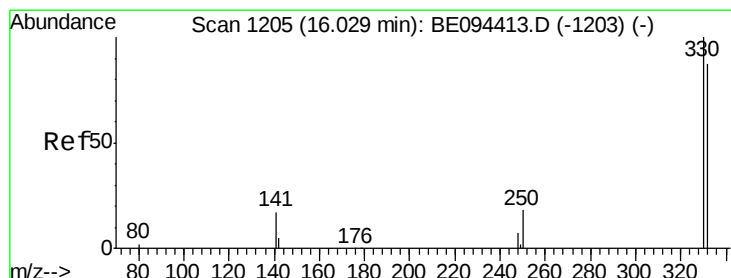
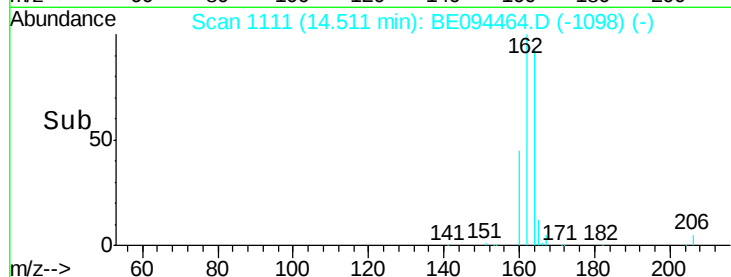
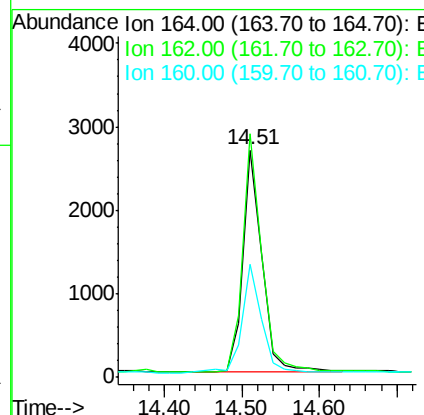
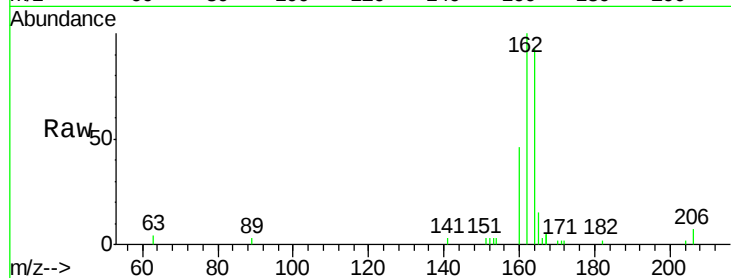




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

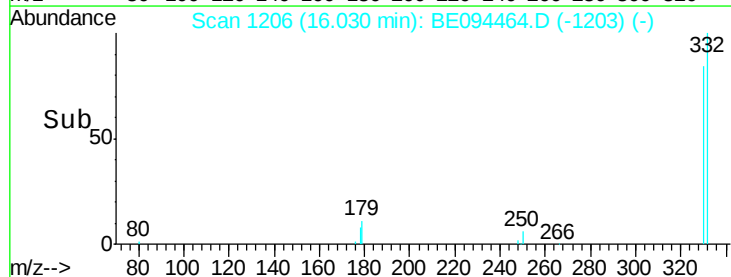
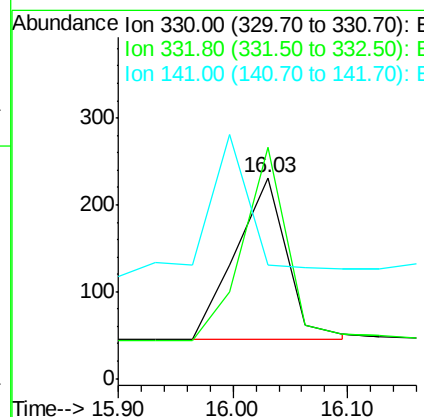
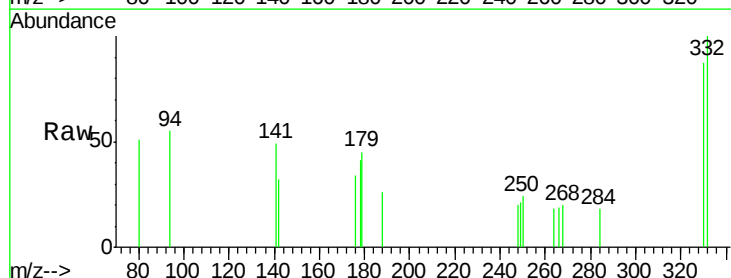
Instrument :
BNA_E
ClientSampleId :
3910-SPP3

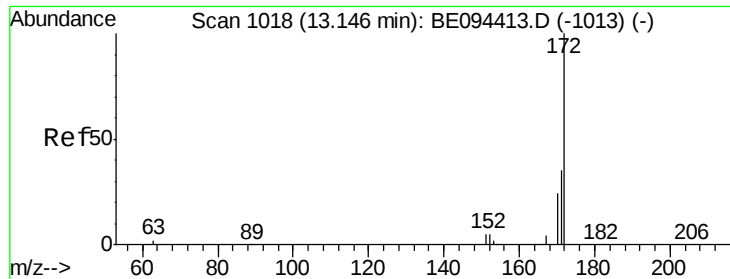
Tgt Ion:164 Resp: 4558
Ion Ratio Lower Upper
164 100
162 107.2 83.1 124.7
160 49.5 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:330 Resp: 575
Ion Ratio Lower Upper
330 100
332 102.8 152.7 229.1#
141 0.0 33.7 50.5#

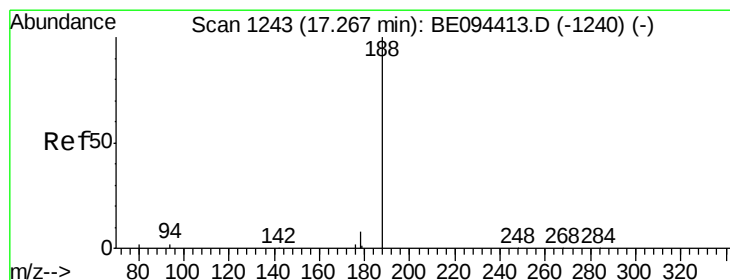
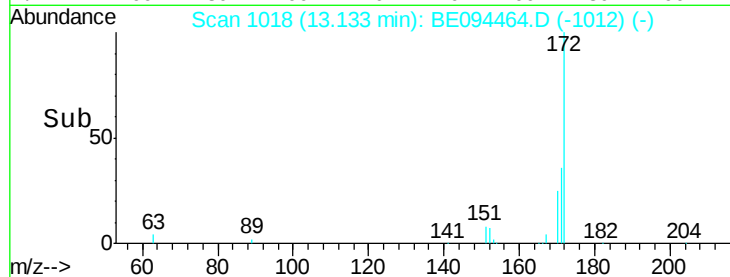
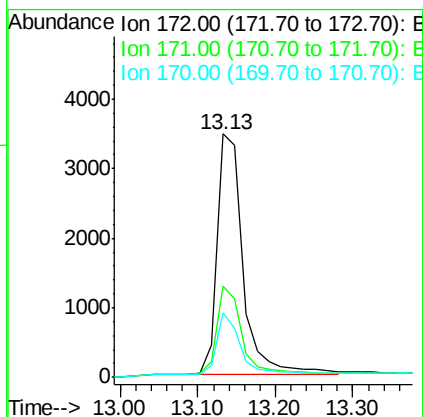
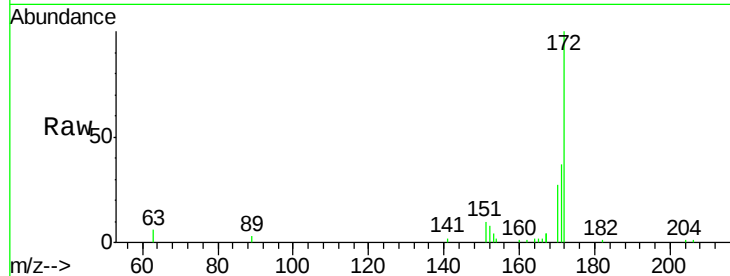




#15
2-Fluorobiphenyl
Concen: 0.488 ng
RT: 13.13 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

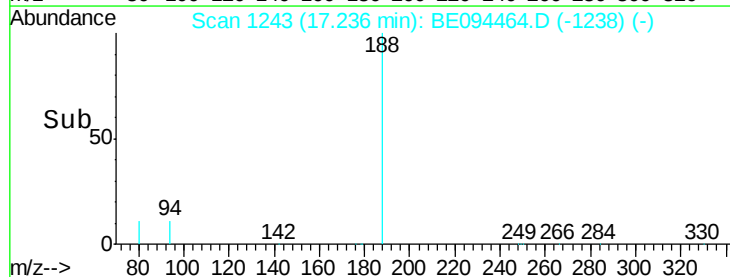
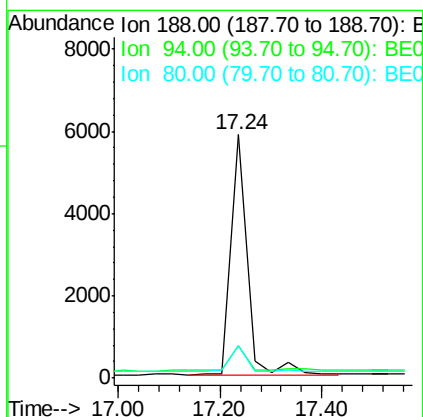
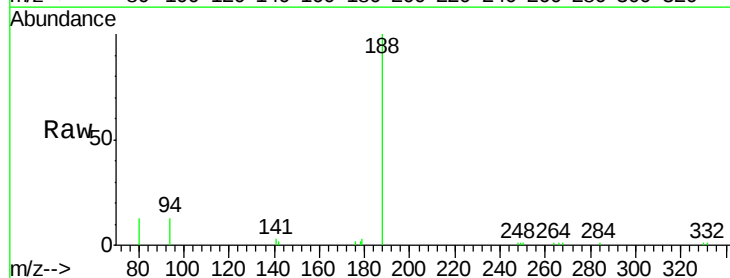
Instrument :
BNA_E
ClientSampleId :
3910-SPP3

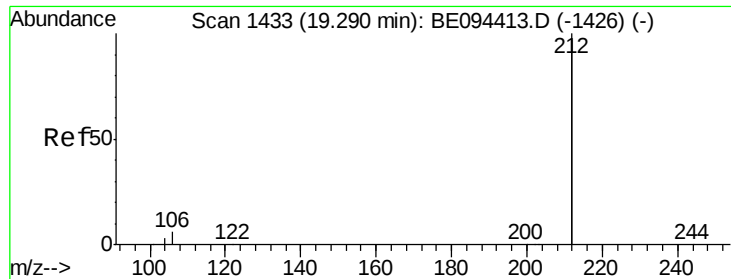
Tgt Ion:172 Resp: 7940
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 26.5 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1243
Delta R.T. -0.03 min
Lab File: BE094464.D
Acq: 20 Oct 2017 2:23

Tgt Ion:188 Resp: 13004
Ion Ratio Lower Upper
188 100
94 13.4 3.9 5.9#
80 13.5 3.6 5.4#

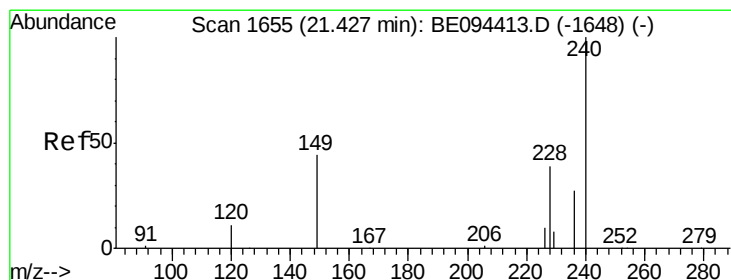
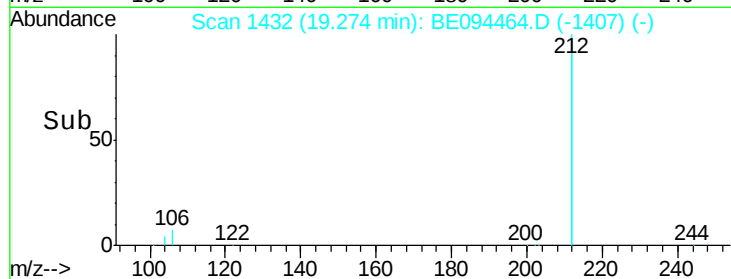
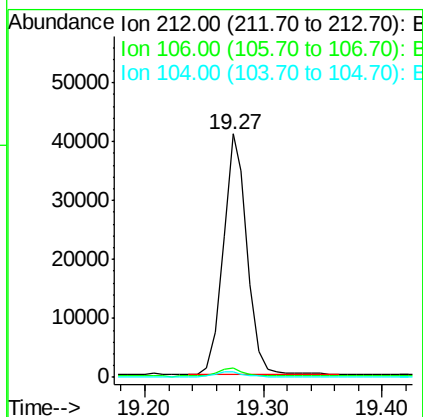
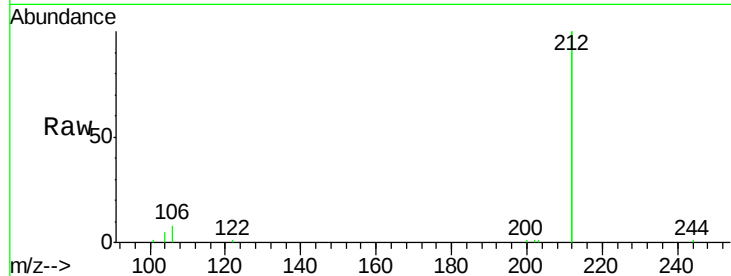




#25
 Fluoranthene-d10
 Concen: 0.271 ng
 RT: 19.27 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BE094464.D
 Acq: 20 Oct 2017 2:23

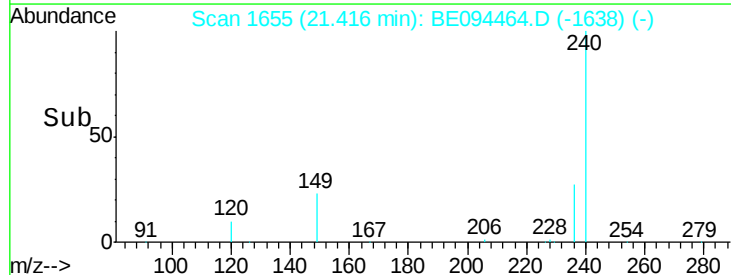
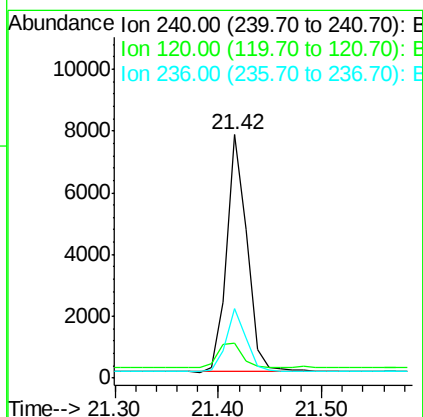
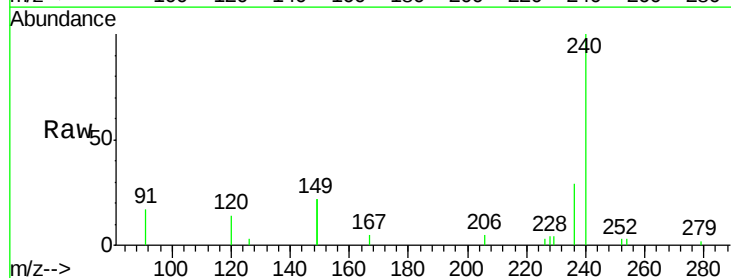
Instrument :
 BNA_E
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 3910-SPP3

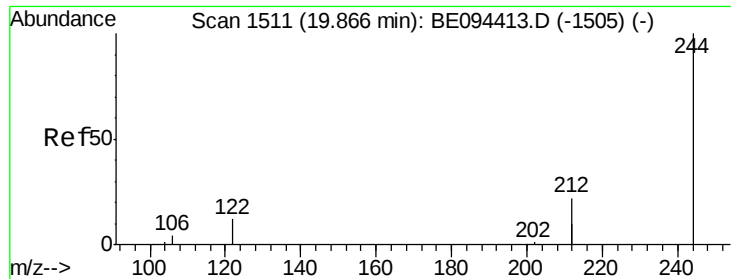
Tgt Ion: 212 Resp: 56695
 Ion Ratio Lower Upper
 212 100
 106 3.6 2.8 4.2
 104 2.1 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE094464.D
 Acq: 20 Oct 2017 2:23

Tgt Ion: 240 Resp: 10540
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.5 8.3#
 236 28.5 20.7 31.1





#29

Terphenyl-d14

Concen: 0.538 ng

RT: 19.86 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Instrument :

BNA_E

ClientSampleId :

3910-SPP3

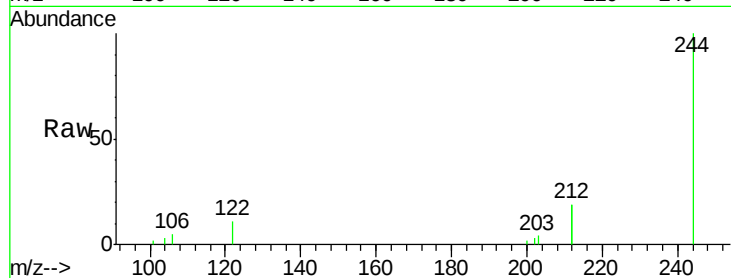
Tgt Ion:244 Resp: 11444

Ion Ratio Lower Upper

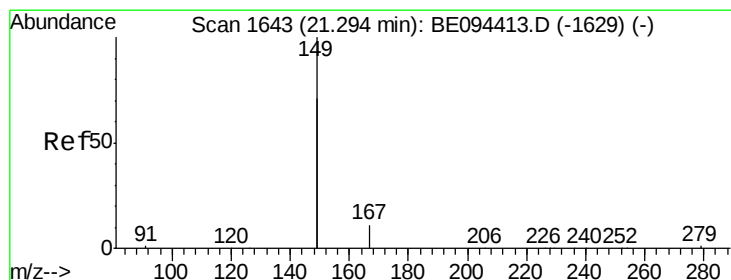
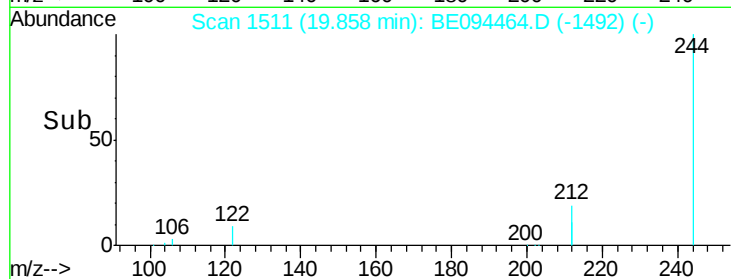
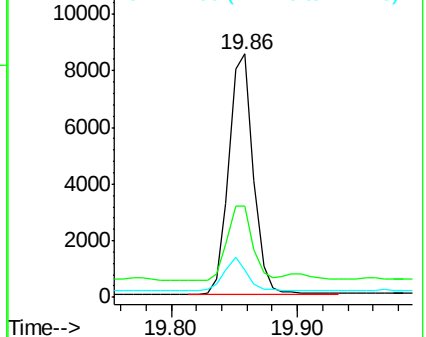
244 100

212 37.7 25.4 38.0

122 11.3 8.1 12.1



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: 1.415 ng

RT: 21.29 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

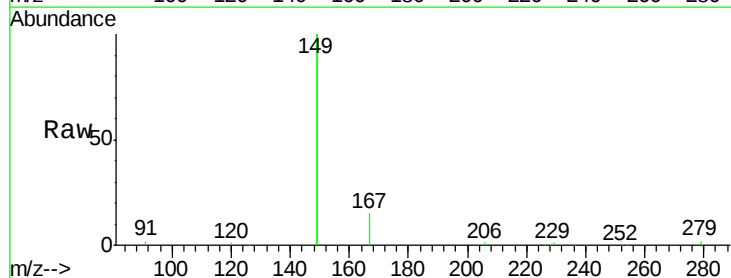
Tgt Ion:149 Resp: 148588

Ion Ratio Lower Upper

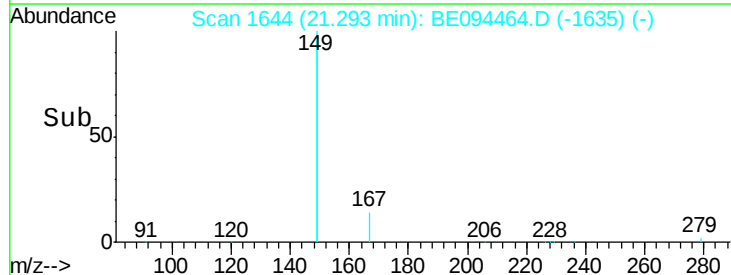
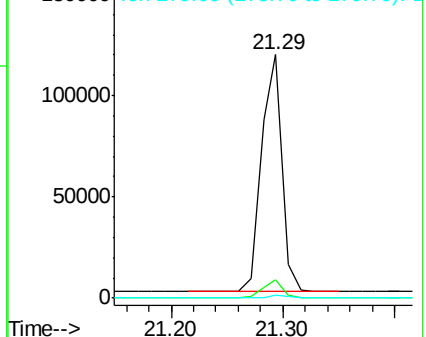
149 100

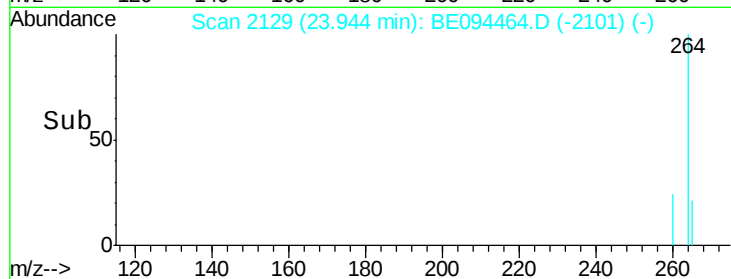
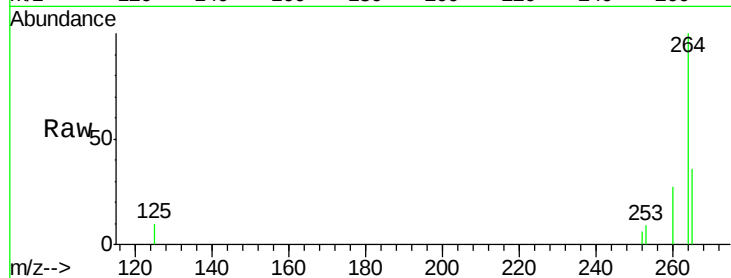
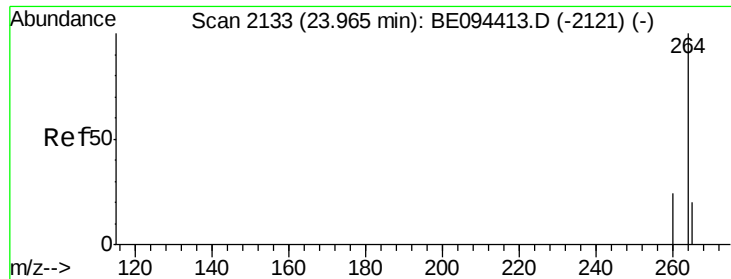
167 6.8 5.4 8.0

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: 23.94 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BE094464.D

Acq: 20 Oct 2017 2:23

Instrument :

BNA_E

ClientSampleId :

3910-SPP3

Tgt Ion: 264 Resp: 9897

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 36.0 22.8 34.2

