

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
 Data File : BE093940.D
 Acq On : 5 Sep 2017 17:09
 Operator : SJ/JU
 Sample : I4963-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 3829-PA1

Quant Time: Sep 06 05:59:14 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

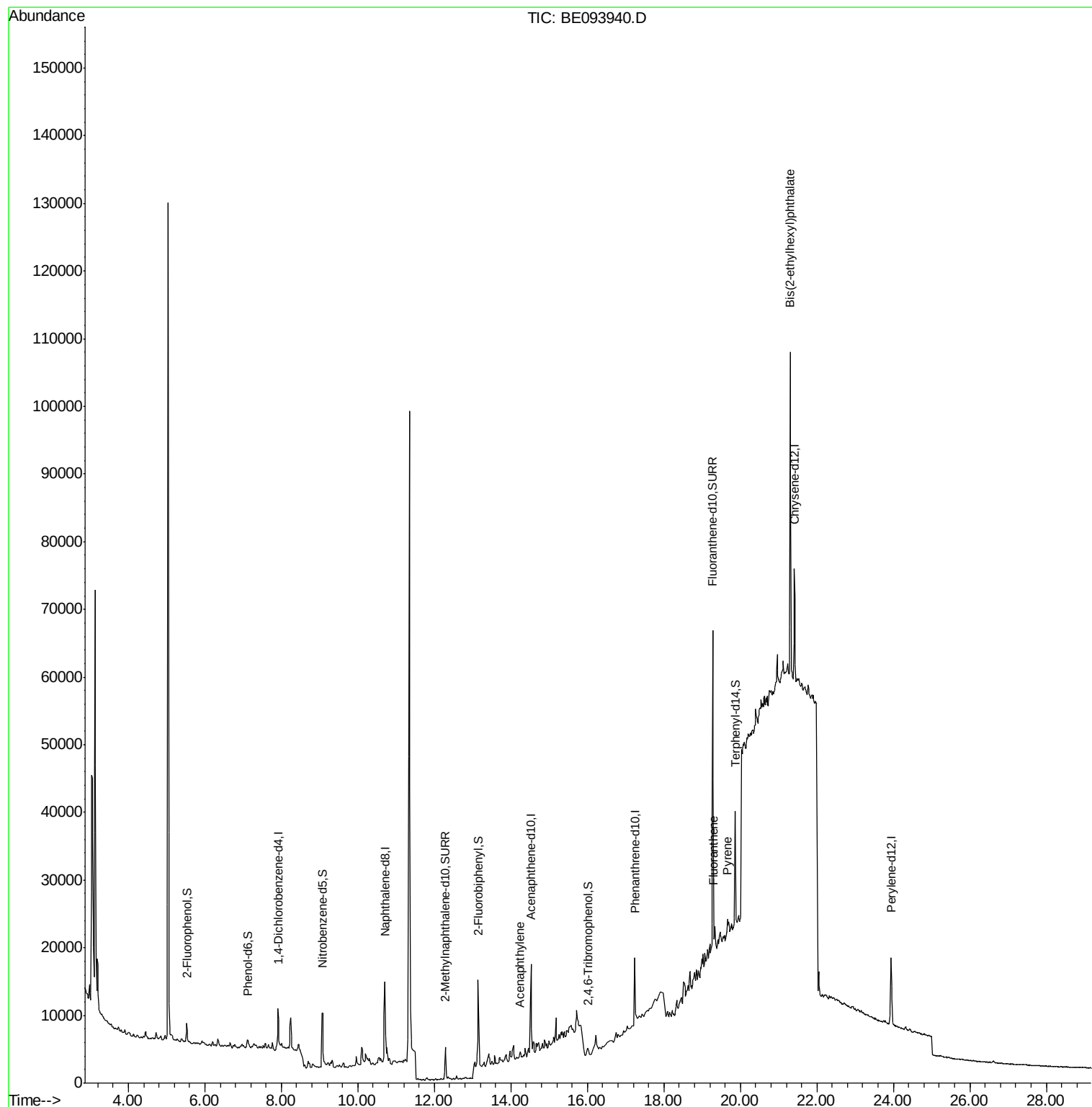
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3006	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	14609	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	8459	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16534	0.40	ng	-0.03
27) Chrysene-d12	21.42	240	18296	0.40	ng	-0.01
34) Perylene-d12	23.94	264	15400	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	1697	0.17	ng	0.00
5) Phenol-d6	7.12	99	1530	0.10	ng	0.00
8) Nitrobenzene-d5	9.08	82	4494	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	7173	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	866	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	12850	0.38	ng	-0.01
25) Fluoranthene-d10	19.28	212	69214	0.28	ng	0.00
29) Terphenyl-d14	19.87	244	16717	0.50	ng	0.00
Target Compounds						
16) Acenaphthylene	14.24	152	937	0.022	ng	# 61
26) Fluoranthene	19.31	202	2042	0.028	ng	# 73
28) Pyrene	19.67	202	2954	0.047	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.30	149	56943	0.417	ng	# 97

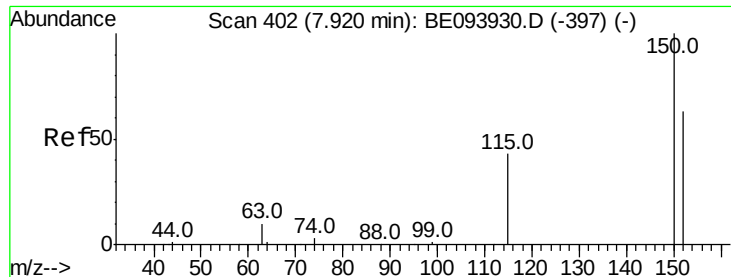
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE090517\
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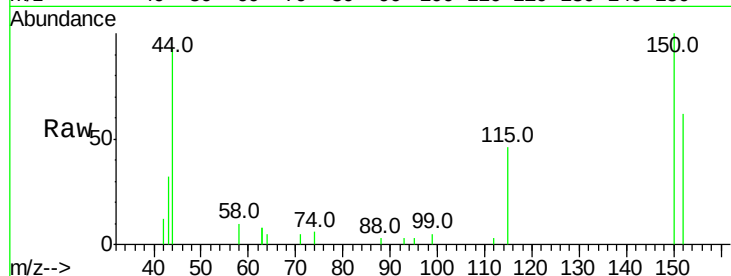


#1

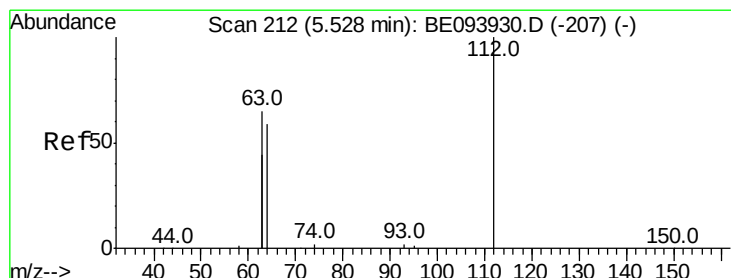
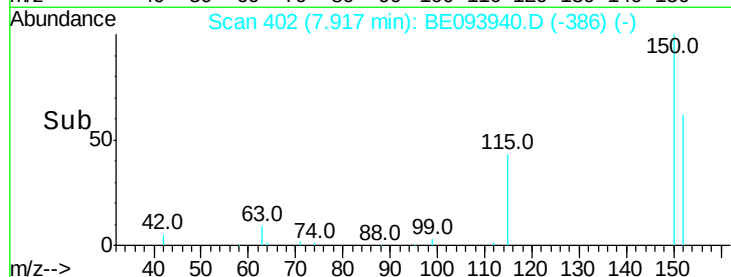
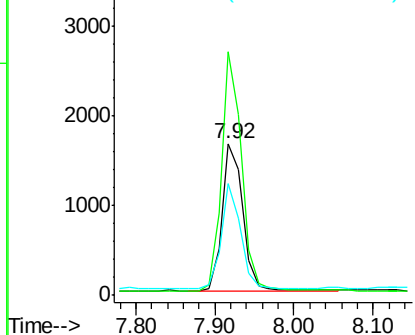
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. -0.00 min
Lab File: BE093940.D
Acq: 5 Sep 2017 17:09

Instrument :
BNA_E
ClientSampleId :
3829-PA1

Tot Ion:152 Resp: 3006
Ion Ratio Lower Upper
152 100
150 160.2 121.8 182.6
115 73.3 52.6 79.0



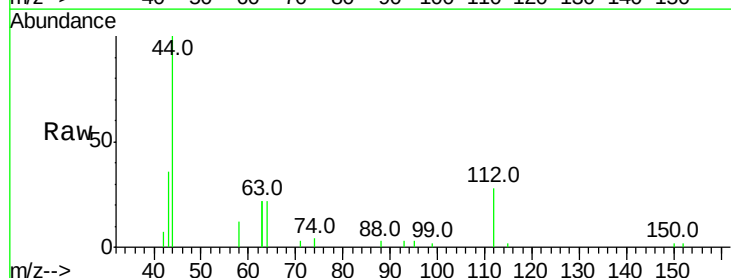
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



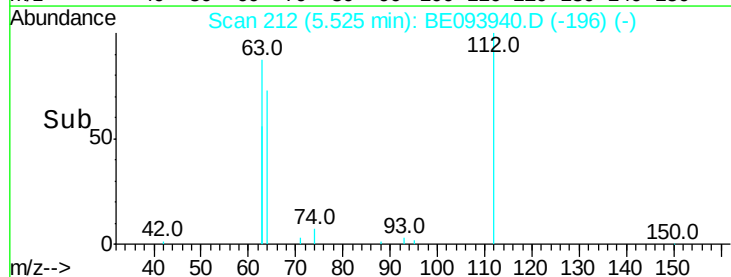
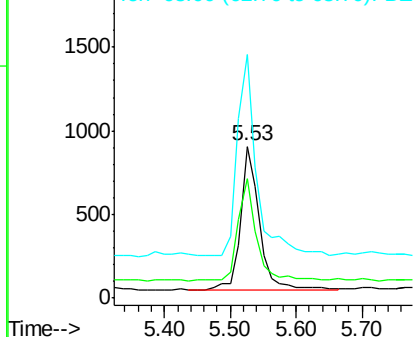
#4

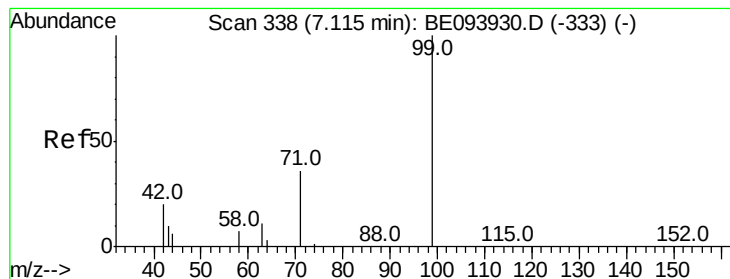
2-Fluorophenol
Concen: 0.175 ng
RT: 5.53 min Scan# 212
Delta R.T. -0.00 min
Lab File: BE093940.D
Acq: 5 Sep 2017 17:09

Tgt Ion:112 Resp: 1697
Ion Ratio Lower Upper
112 100
64 69.8 57.7 86.5
63 142.8 116.0 174.0



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: 0.105 ng

RT: 7.12 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Instrument :

BNA_E

ClientSampled :

3829-PA1

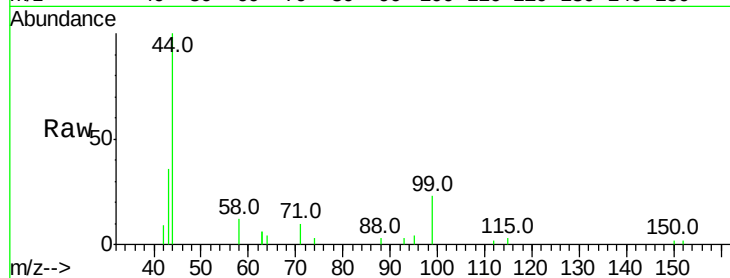
Tot Ion: 99 Resp: 1530

Ion Ratio Lower Upper

99 100

42 14.8 17.1 25.7#

71 41.2 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

7.12

600

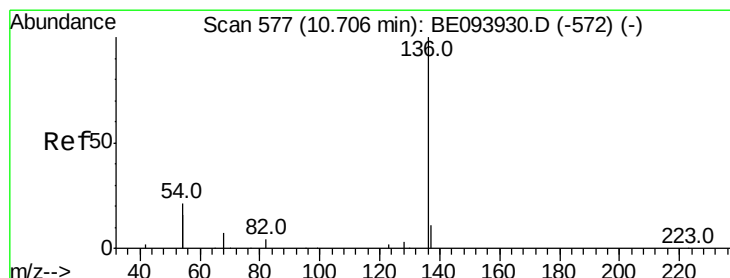
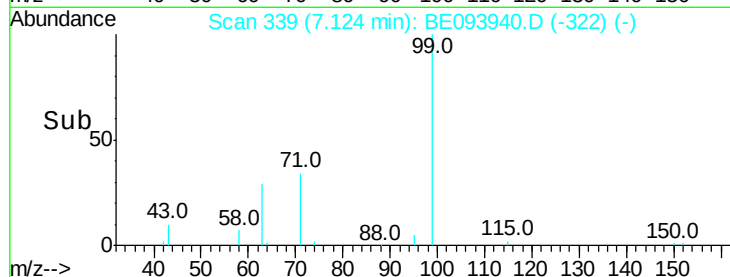
400

200

0

7.00 7.10 7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Tgt Ion: 136 Resp: 14609

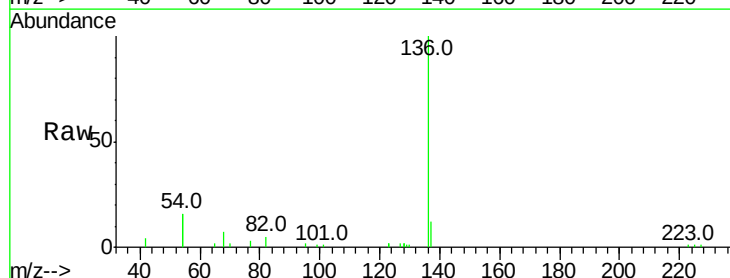
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 31.6 21.9 32.9

68 6.6 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

12000

10000

8000

6000

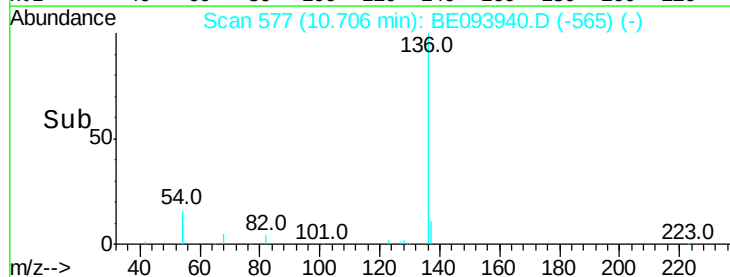
4000

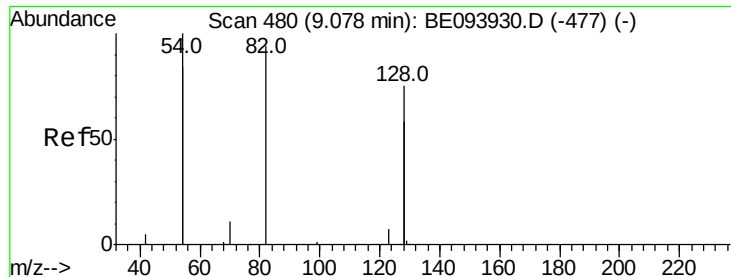
2000

0

10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.364 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Instrument :

BNA_E

ClientSampleId :

3829-PA1

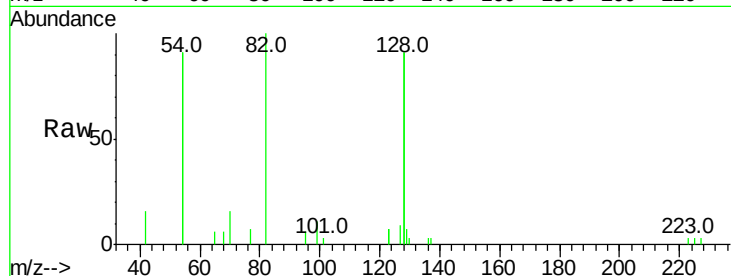
Tot Ion: 82 Resp: 4494

Ion Ratio Lower Upper

82 100

128 181.1 91.4 137.0#

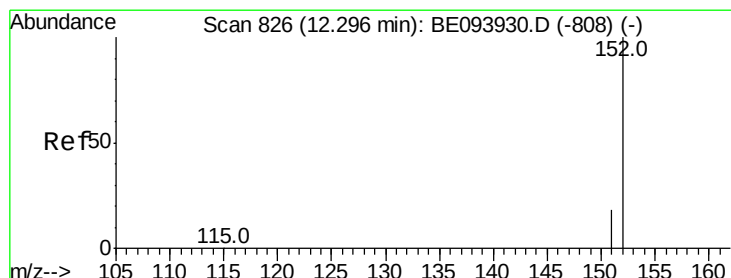
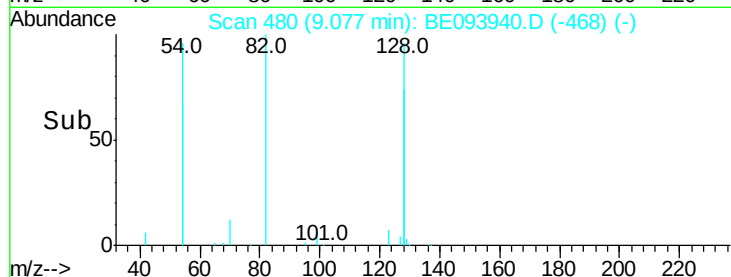
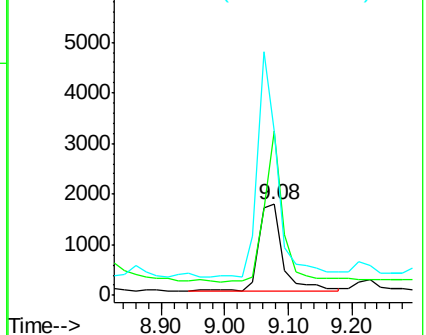
54 181.1 197.8 296.8#



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: 0.307 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE093940.D

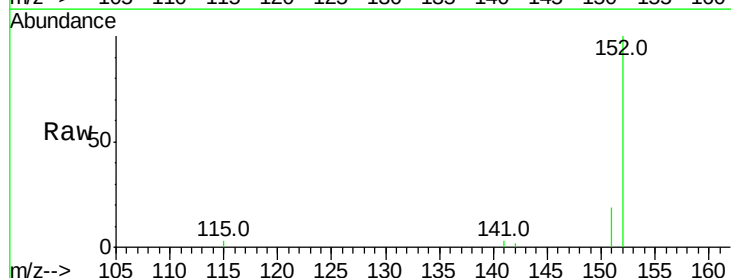
Acq: 5 Sep 2017 17:09

Tgt Ion: 152 Resp: 7173

Ion Ratio Lower Upper

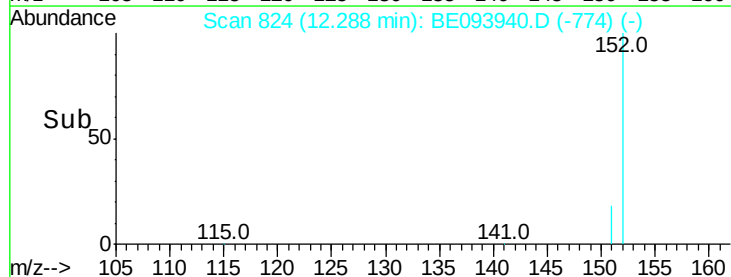
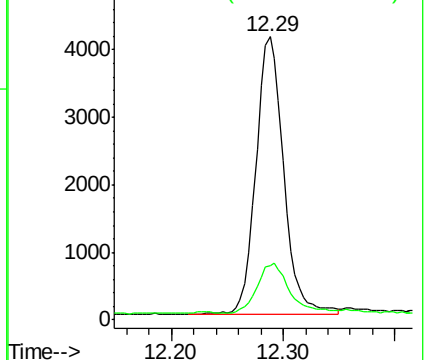
152 100

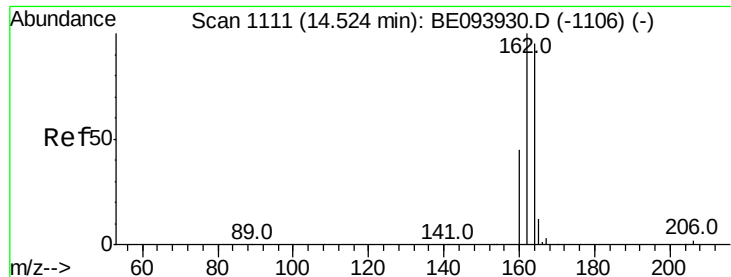
151 20.2 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

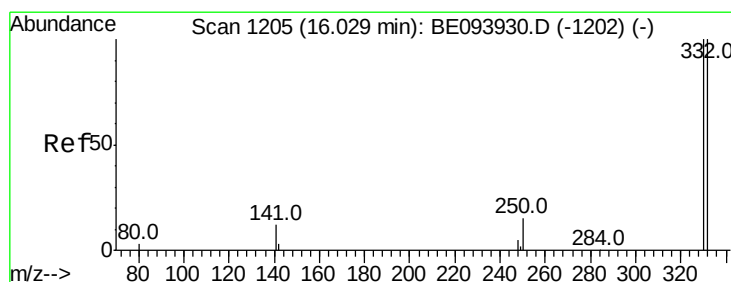
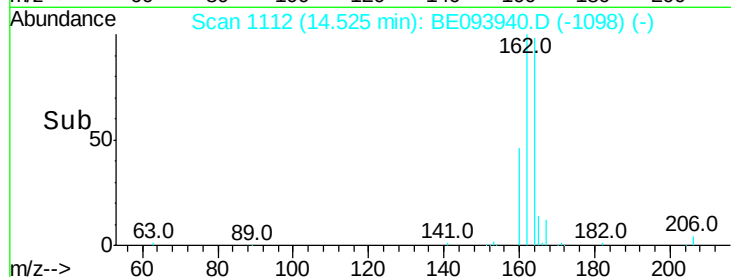
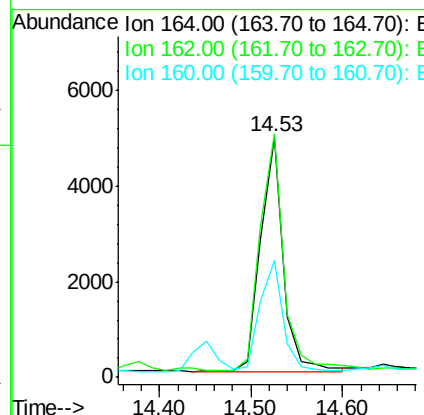
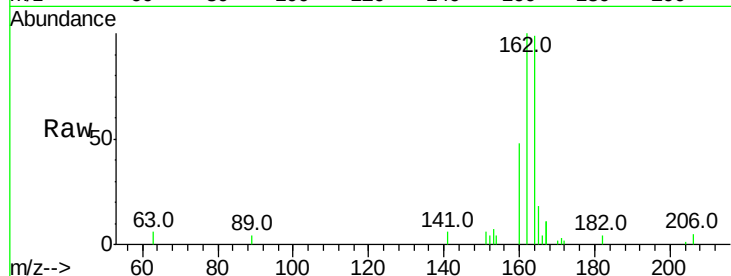




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BE093940.D
 Acq: 5 Sep 2017 17:09

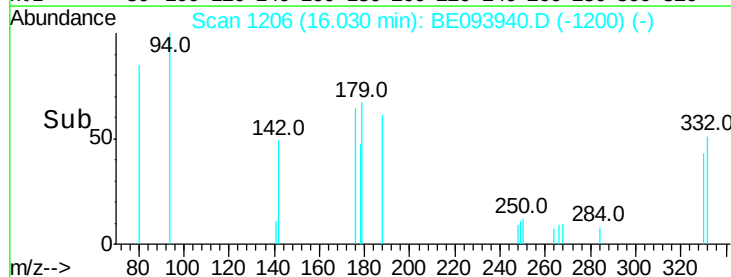
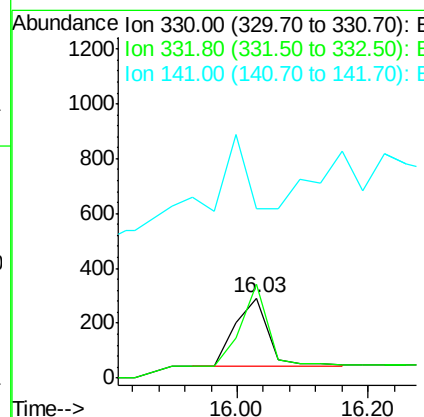
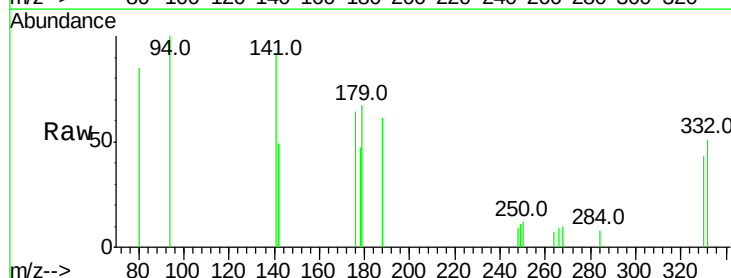
Instrument :
 BNA_E
 ClientSampleId :
 3829-PA1

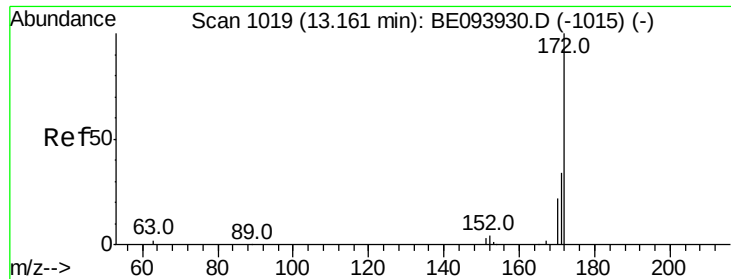
Tot Ion:164 Resp: 8459
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.8 121.2
 160 48.6 37.0 55.4



#14
 2,4,6-Tribromophenol
 Concen: 0.331 ng
 RT: 16.03 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BE093940.D
 Acq: 5 Sep 2017 17:09

Tgt Ion:330 Resp: 866
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.9 115.3
 141 0.0 0.0 0.0

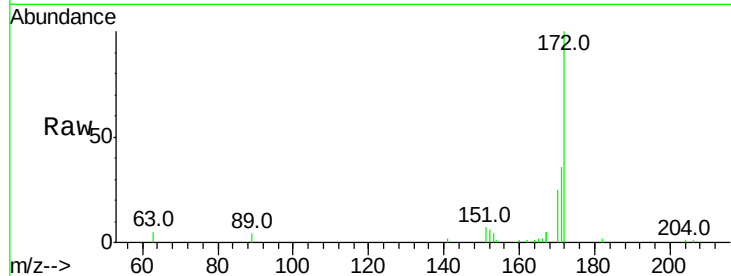




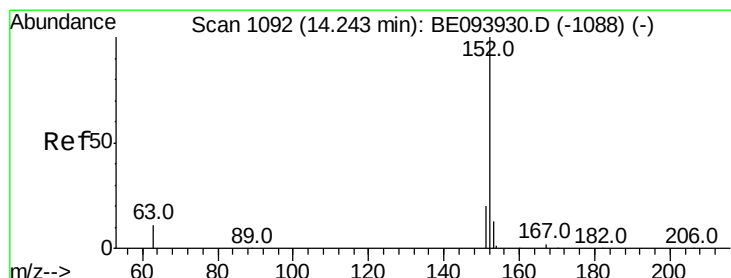
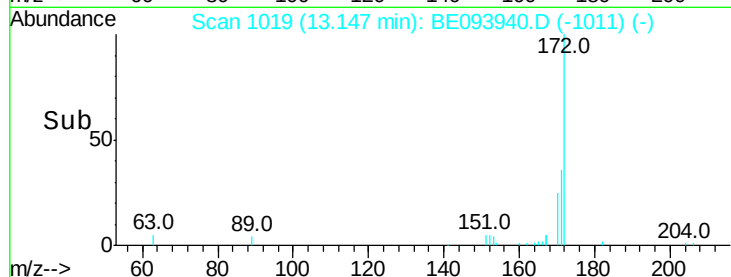
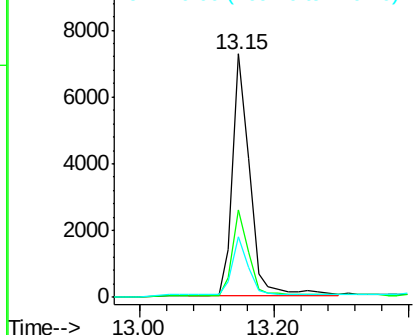
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.15 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE093940.D
Acq: 5 Sep 2017 17:09

Instrument :
BNA_E
ClientSampleId :
3829-PA1

Tot Ion:172 Resp: 12850
Ion Ratio Lower Upper
172 100
171 36.0 26.9 40.3
170 24.7 17.3 25.9

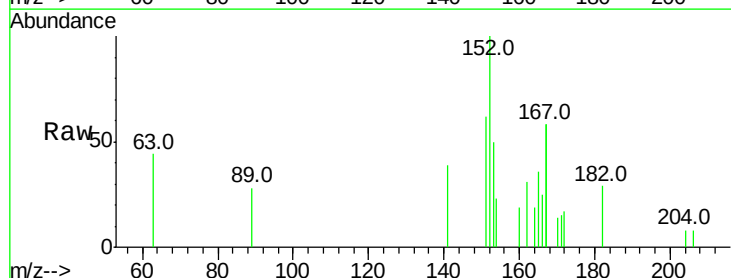


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

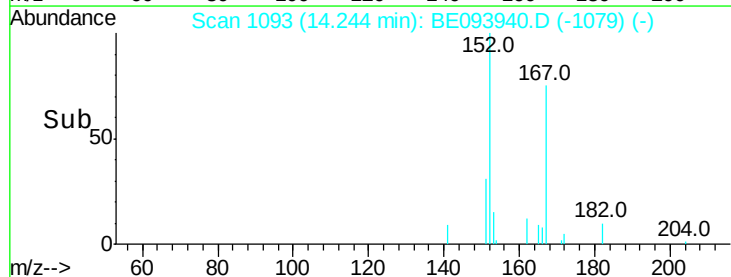
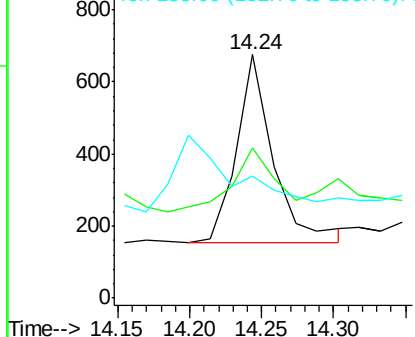


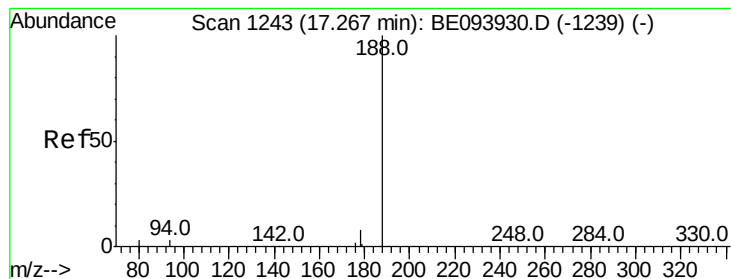
#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE093940.D
Acq: 5 Sep 2017 17:09

Tgt Ion:152 Resp: 937
Ion Ratio Lower Upper
152 100
151 39.2 15.7 23.5#
153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1243

Delta R.T. -0.03 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Instrument :

BNA_E

ClientSampleId :

3829-PA1

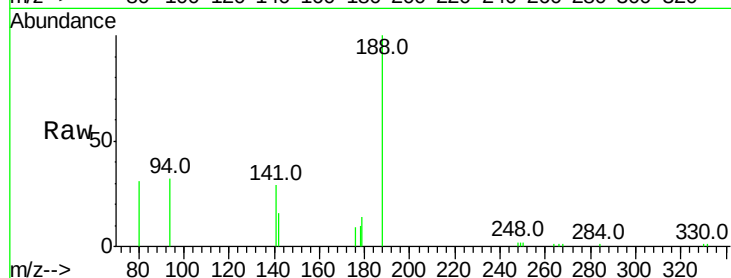
Tot Ion:188 Resp: 16534

Ion Ratio Lower Upper

188 100

94 31.8 16.1 24.1#

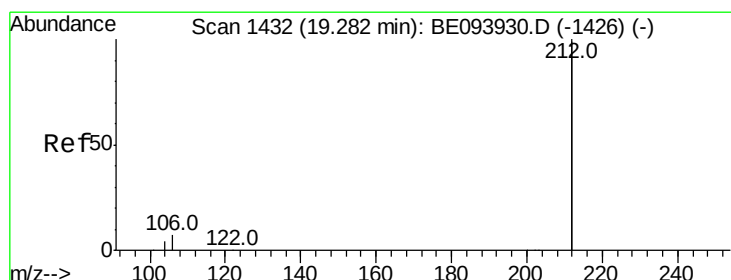
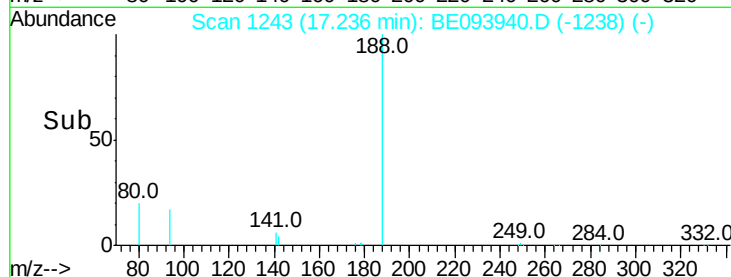
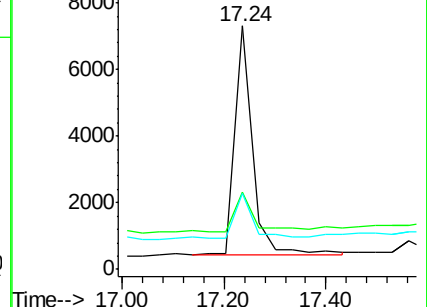
80 31.1 18.2 27.2#



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: 0.281 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

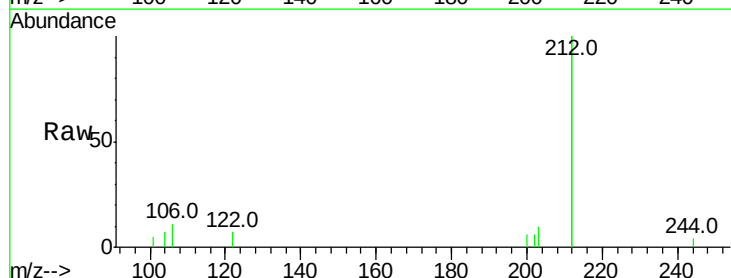
Tgt Ion:212 Resp: 69214

Ion Ratio Lower Upper

212 100

106 3.5 2.7 4.1

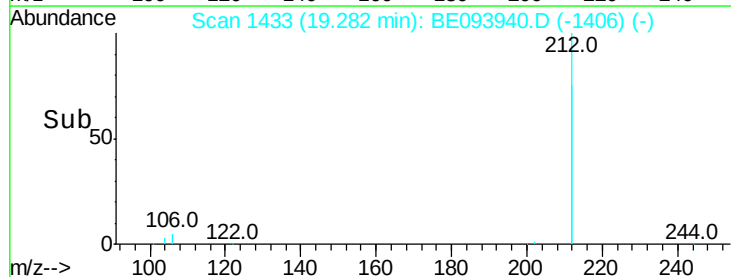
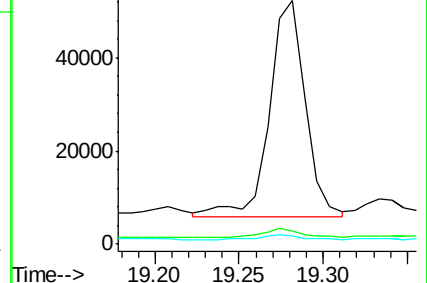
104 2.0 1.6 2.4

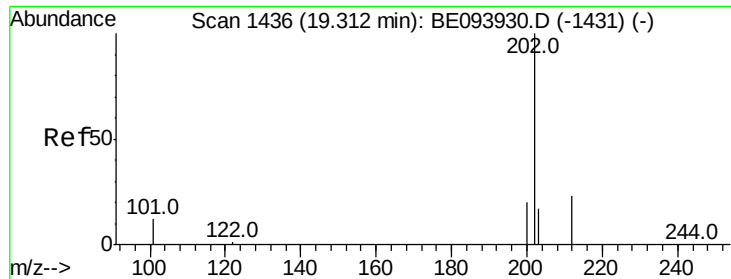


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

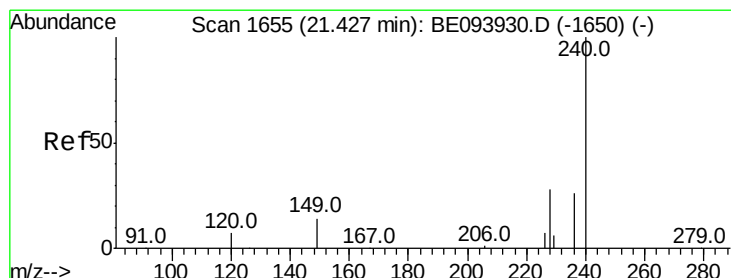
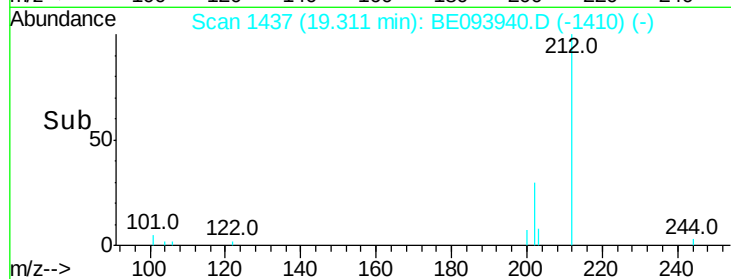
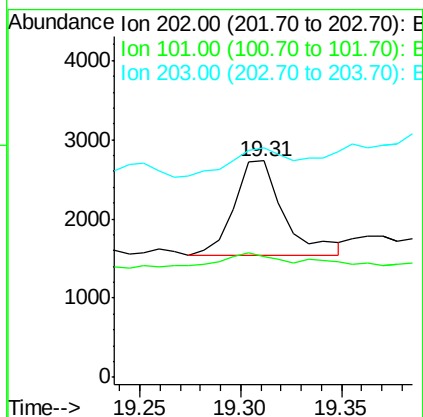
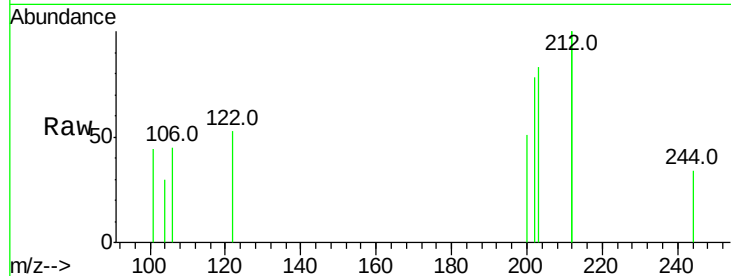




#26
 Fluoranthene
 Concen: 0.028 ng
 RT: 19.31 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE093940.D
 Acq: 5 Sep 2017 17:09

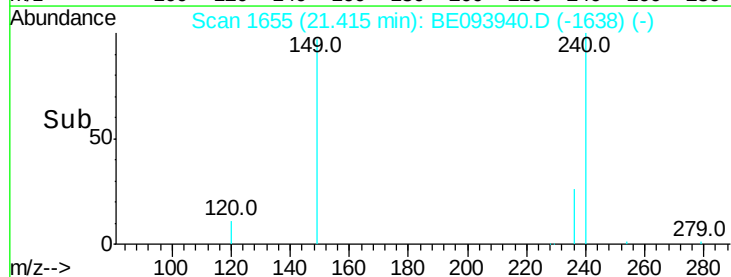
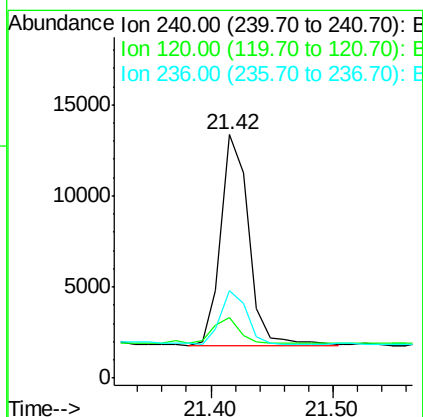
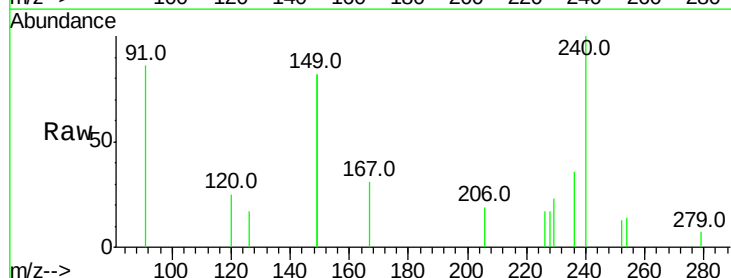
Instrument :
 BNA_E
 ClientSampled :
 3829-PA1

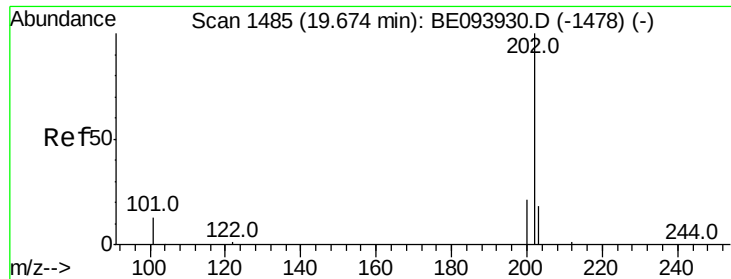
Tot Ion:202 Resp: 2042
 Ion Ratio Lower Upper
 202 100
 101 13.6 9.7 14.5
 203 36.2 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BE093940.D
 Acq: 5 Sep 2017 17:09

Tgt Ion:240 Resp: 18296
 Ion Ratio Lower Upper
 240 100
 120 24.8 8.7 13.1#
 236 35.9 21.3 31.9#





#28

Pvrene

Concen: 0.047 ng

RT: 19.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Instrument :

BNA_E

ClientSampleId :

3829-PA1

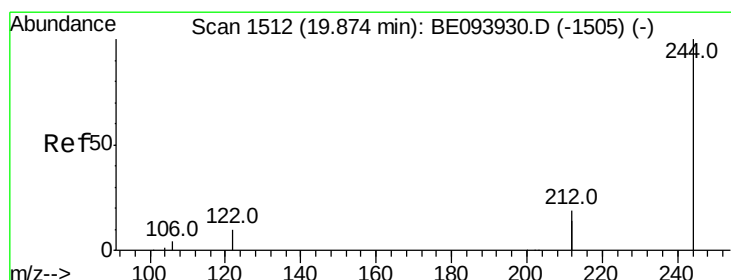
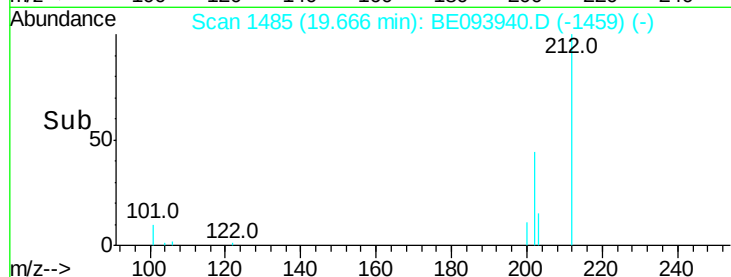
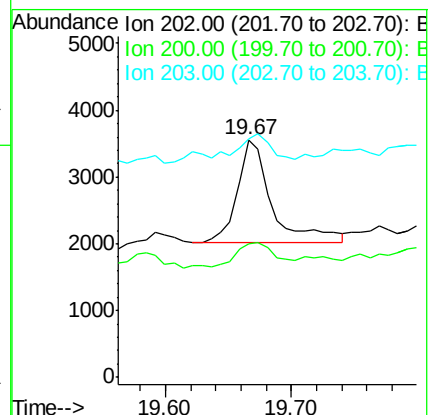
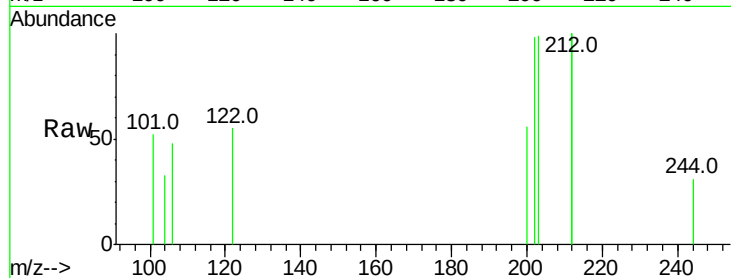
Tot Ion:202 Resp: 2954

Ion Ratio Lower Upper

202 100

200 25.5 16.6 24.8#

203 19.3 14.2 21.4



#29

Terphenyl-d14

Concen: 0.497 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

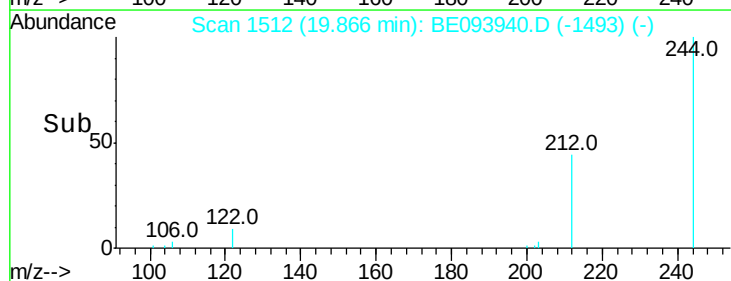
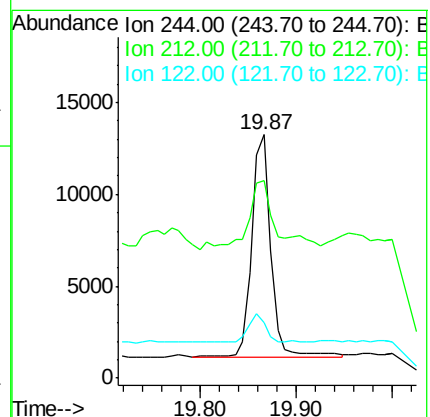
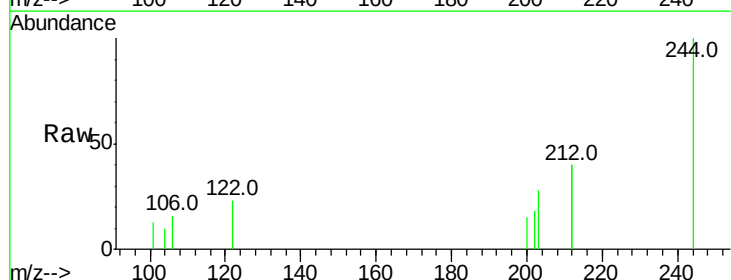
Tgt Ion:244 Resp: 16717

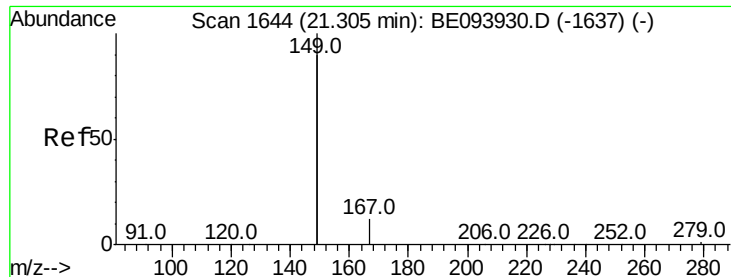
Ion Ratio Lower Upper

244 100

212 80.9 28.3 42.5#

122 22.6 9.4 14.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.417 ng

RT: 21.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

Instrument :

BNA_E

ClientSampleId :

3829-PA1

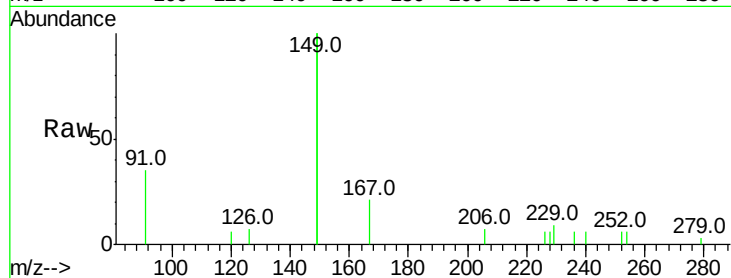
Tot Ion:149 Resp: 56943

Ion Ratio Lower Upper

149 100

167 7.6 5.4 8.0

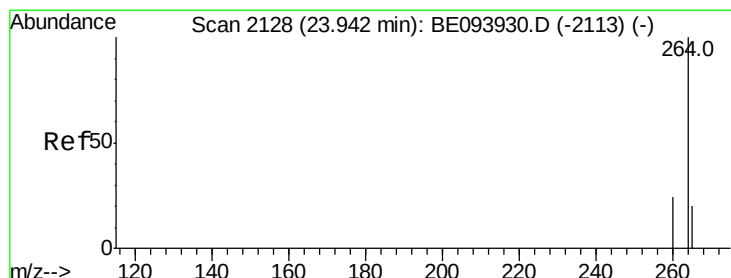
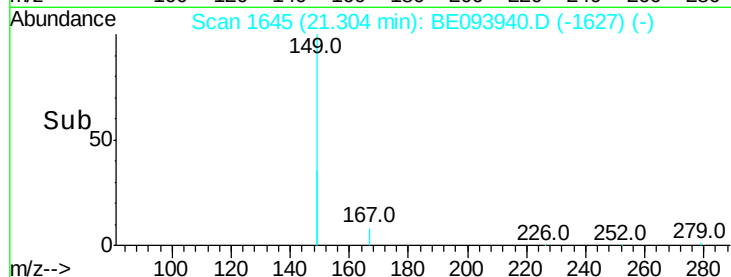
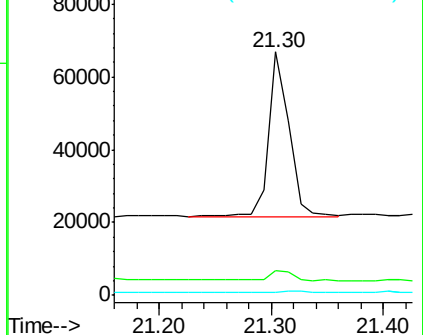
279 1.5 0.7 1.1#



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. 0.00 min

Lab File: BE093940.D

Acq: 5 Sep 2017 17:09

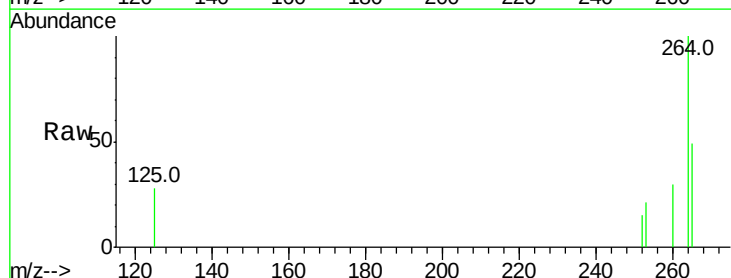
Tgt Ion:264 Resp: 15400

Ion Ratio Lower Upper

264 100

260 30.2 20.0 30.0#

265 49.4 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

