

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110117\
 Data File : BE094691.D
 Acq On : 1 Nov 2017 15:11
 Operator : SJ/JU
 Sample : PB103176TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 16:13:32 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

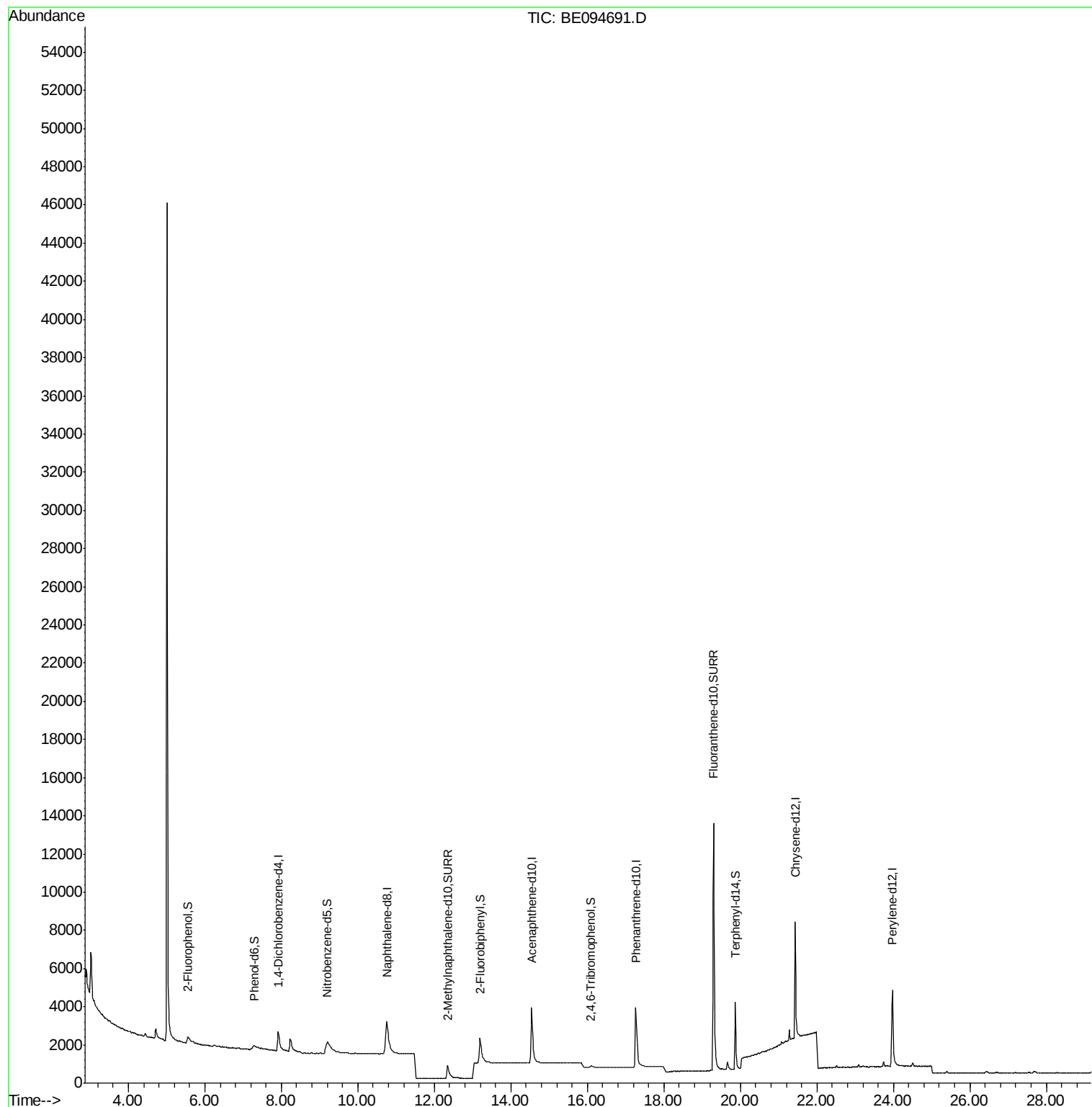
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1011	0.40	ng	0.01
7) Naphthalene-d8	10.76	136	5605	0.40	ng	0.05
13) Acenaphthene-d10	14.54	164	3474	0.40	ng	0.03
19) Phenanthrene-d10	17.27	188	8328	0.40	ng	0.03
27) Chrysene-d12	21.44	240	8317	0.40	ng	0.01
34) Perylene-d12	23.98	264	7772	0.40	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.56	112	676	0.20	ng	0.04
5) Phenol-d6	7.30	99	915	0.18	ng	0.16
8) Nitrobenzene-d5	9.20	82	823	0.18	ng	0.12
11) 2-Methylnaphthalene-d10	12.35	152	2509	0.28	ng	0.06
14) 2,4,6-Tribromophenol	16.09	330	133	0.14	ng	0.07
15) 2-Fluorobiphenyl	13.19	172	3248	0.27	ng	0.05
25) Fluoranthene-d10	19.30	212	26774	0.23	ng	0.01
29) Terphenyl-d14	19.87	244	4071	0.26	ng	0.00
Target Compounds						
23) Phenanthrene	17.30	178	125	Below Cal	#	61
26) Fluoranthene	19.33	202	71	Below Cal	#	75

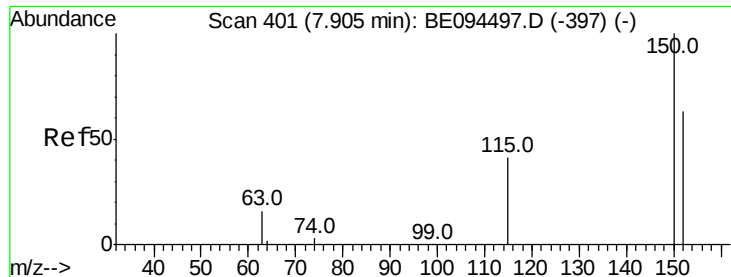
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. 0.01 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Instrument :

BNA_E

ClientSampleId :

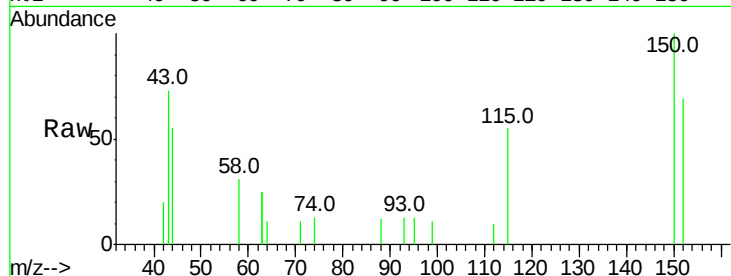
Tot Ion:152 Resp: 1011

Ion Ratio Lower Upper

152 100

150 144.6 117.2 175.8

115 79.6 57.0 85.6

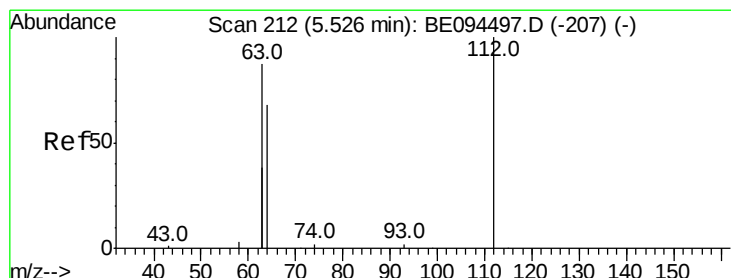
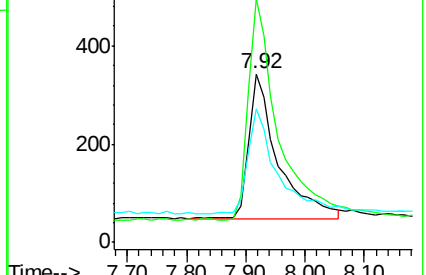
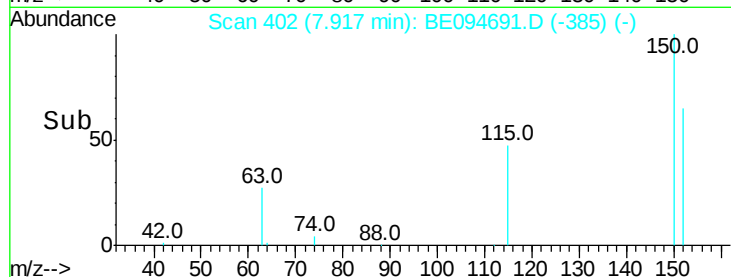


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

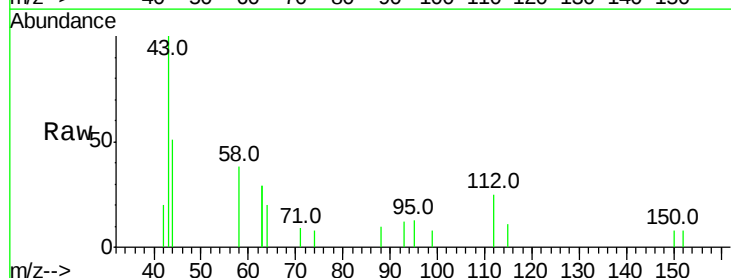
Tgt Ion:112 Resp: 676

Ion Ratio Lower Upper

112 100

64 69.8 60.1 90.1

63 137.3 116.8 175.2

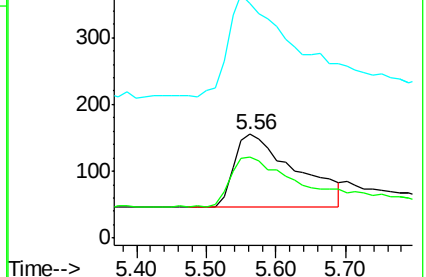
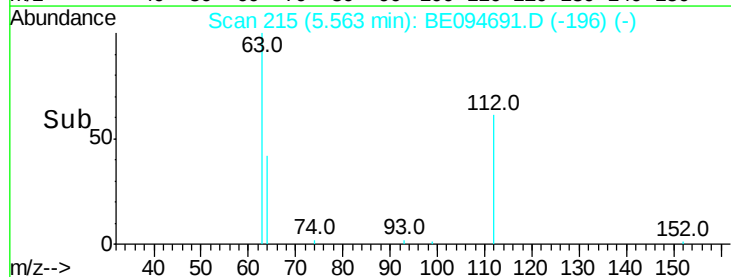


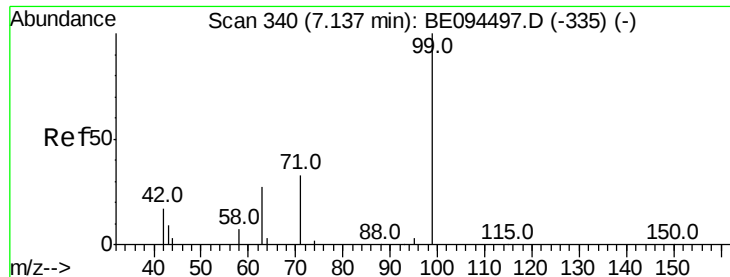
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->





#5

Phenol-d6

Concen: 0.175 ng

RT: 7.30 min Scan# 353

Delta R.T. 0.16 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

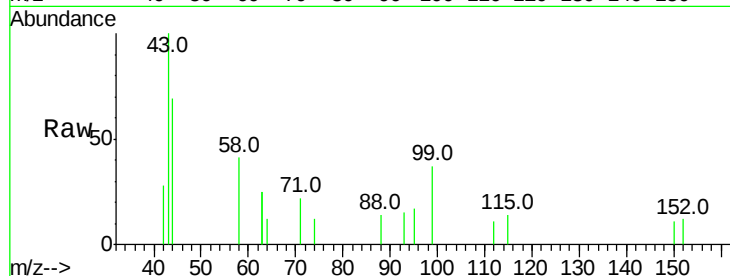
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 915

Ion	Ratio	Lower	Upper
99	100		
42	16.8	20.2	30.2#
71	34.8	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

7.30

150

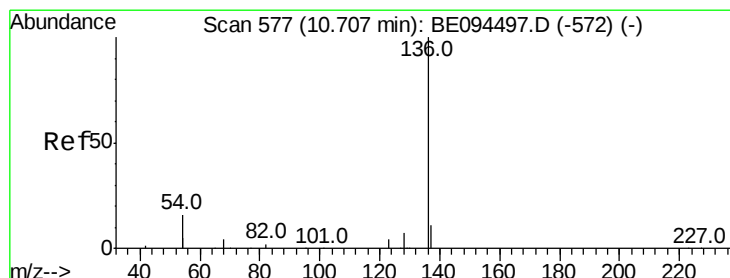
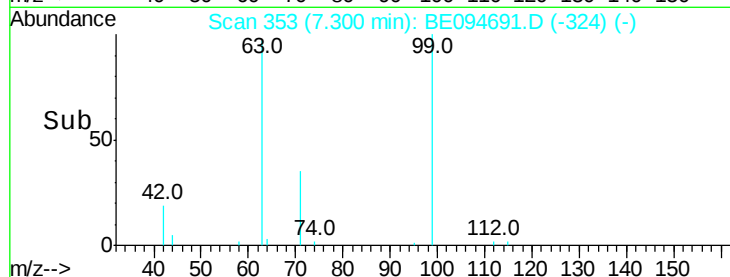
100

50

0

7.10 7.20 7.30 7.40

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.76 min Scan# 580

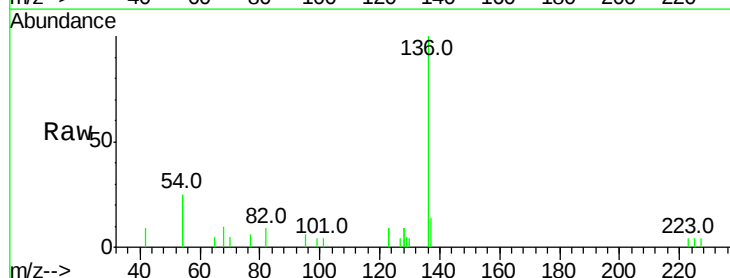
Delta R.T. 0.05 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Tgt Ion: 136 Resp: 5605

Ion	Ratio	Lower	Upper
136	100		
137	14.4	9.5	14.3#
54	50.3	29.1	43.7#
68	10.3	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

10.76

1500

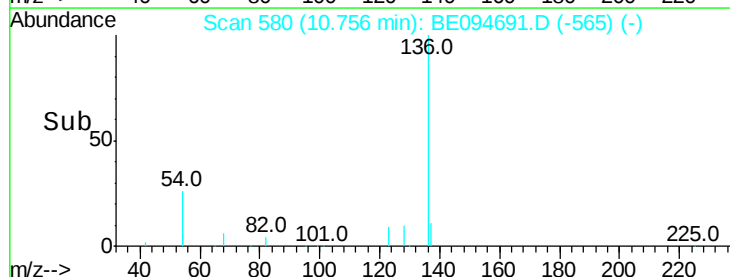
1000

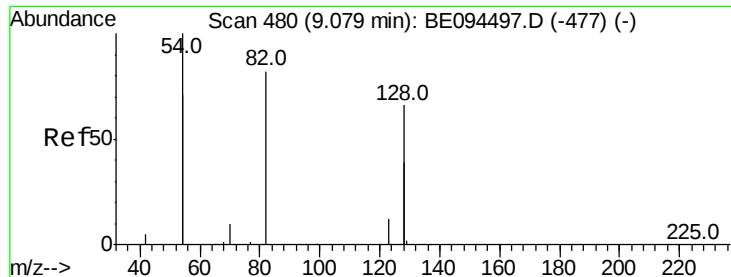
500

0

10.60 10.70 10.80 10.90

Time-->





#8

Nitrobenzene-d5

Concen: 0.184 ng

RT: 9.20 min Scan# 487

Delta R.T. 0.12 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Instrument :

BNA_E

ClientSampleId :

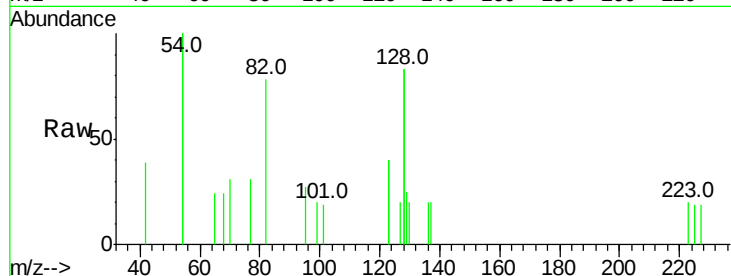
Tot Ion: 82 Resp: 823

Ion Ratio Lower Upper

82 100

128 213.0 150.0 225.0

54 255.1 154.2 231.4#

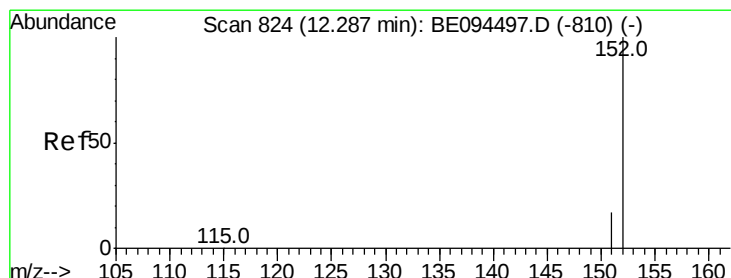
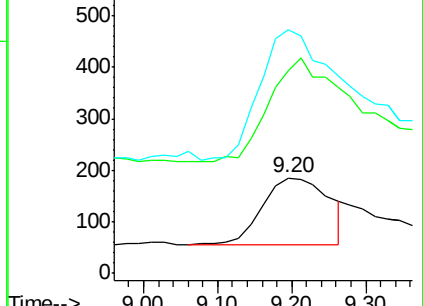
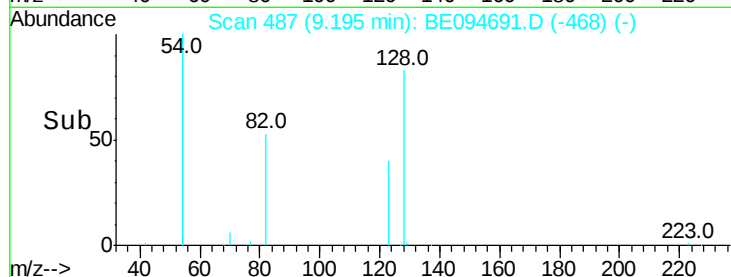


Abundance Ion 82.00 (81.70 to 82.70): BE094497.D (-477) (-)

Ion 128.00 (127.70 to 128.70): BE094497.D (-477) (-)

Ion 54.00 (53.70 to 54.70): BE094497.D (-477) (-)

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 12.35 min Scan# 839

Delta R.T. 0.06 min

Lab File: BE094691.D

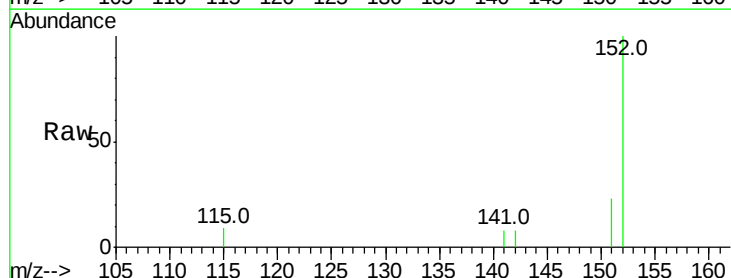
Acq: 1 Nov 2017 15:11

Tgt Ion: 152 Resp: 2509

Ion Ratio Lower Upper

152 100

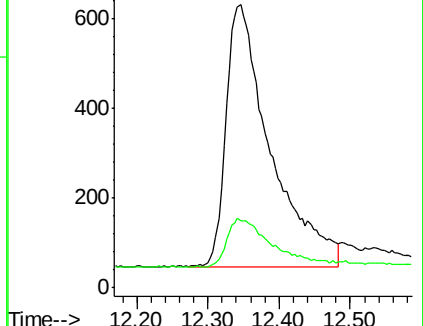
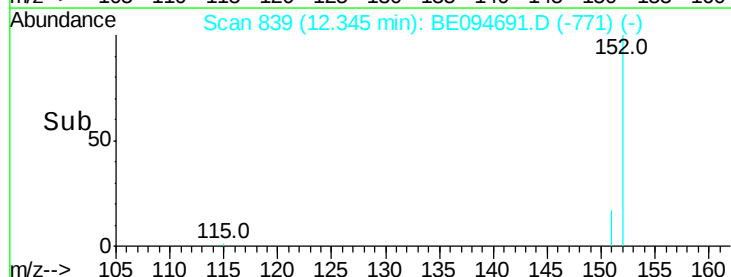
151 19.0 15.4 23.0

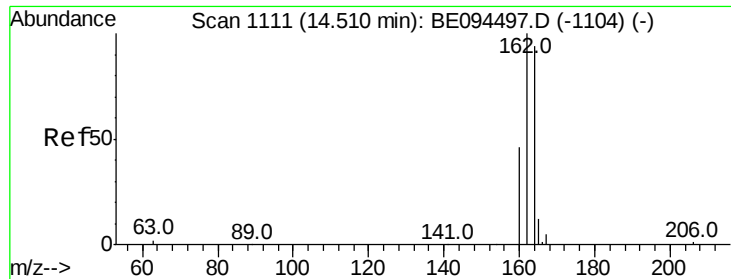


Abundance Ion 152.00 (151.70 to 152.70): BE094497.D (-810) (-)

Ion 151.00 (150.70 to 151.70): BE094497.D (-810) (-)

Time-->

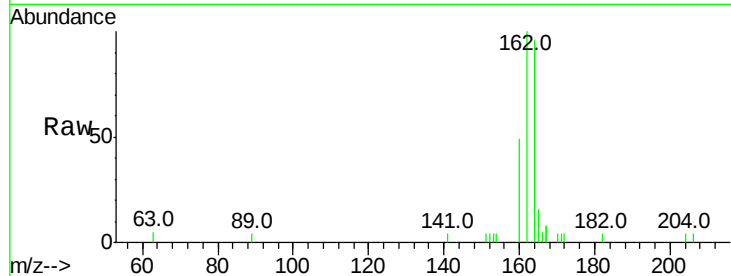




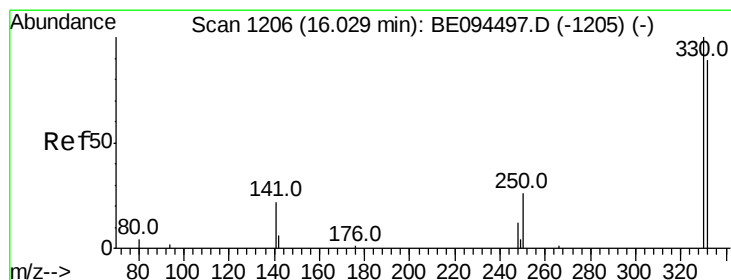
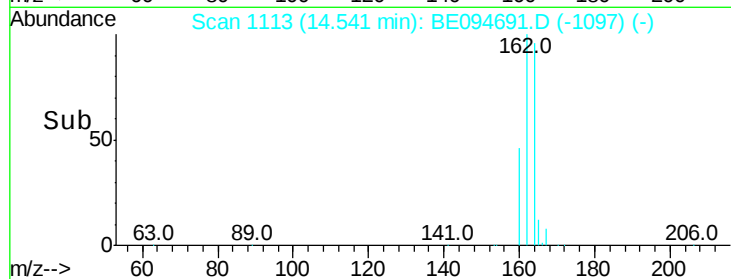
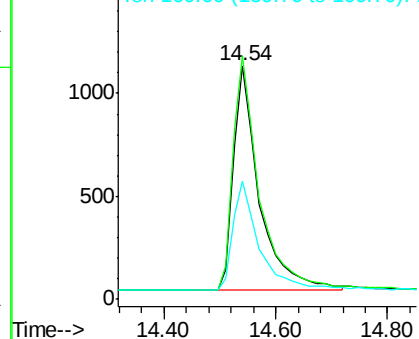
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 1113
 Delta R.T. 0.03 min
 Lab File: BE094691.D
 Acq: 1 Nov 2017 15:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 3474
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.1 124.7
 160 50.7 37.1 55.7

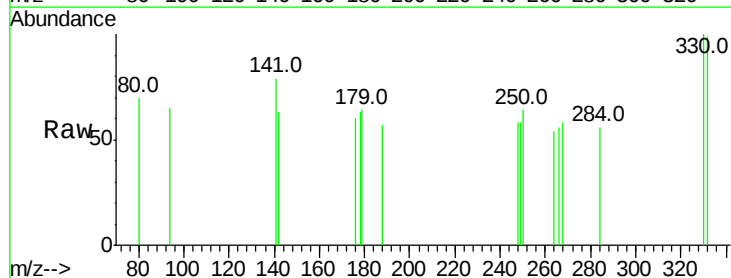


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

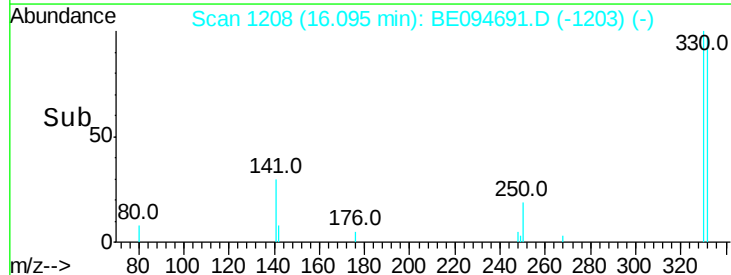
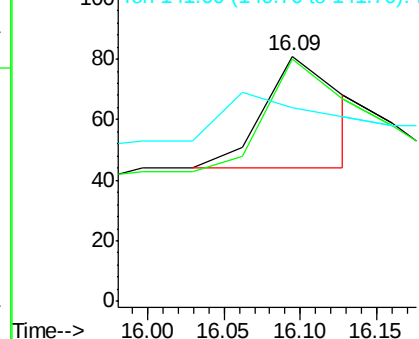


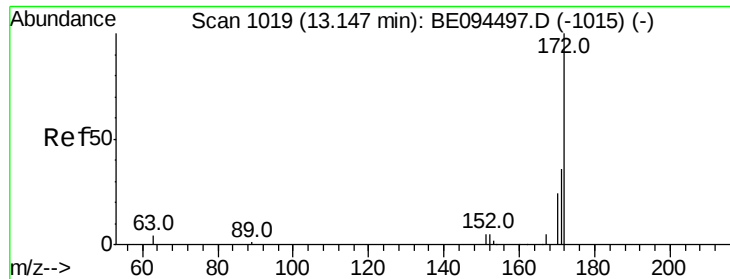
#14
 2,4,6-Tribromophenol
 Concen: 0.139 ng
 RT: 16.09 min Scan# 1208
 Delta R.T. 0.07 min
 Lab File: BE094691.D
 Acq: 1 Nov 2017 15:11

Tgt Ion:330 Resp: 133
 Ion Ratio Lower Upper
 330 100
 332 97.0 152.7 229.1#
 141 0.0 33.7 50.5#



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

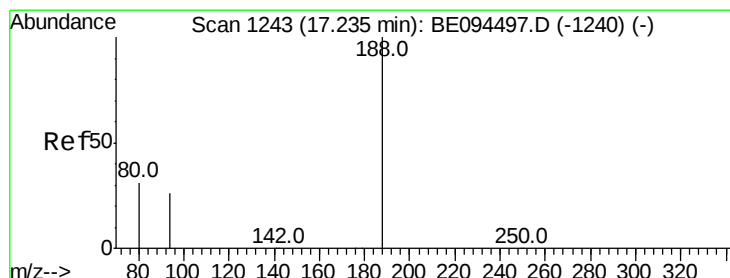
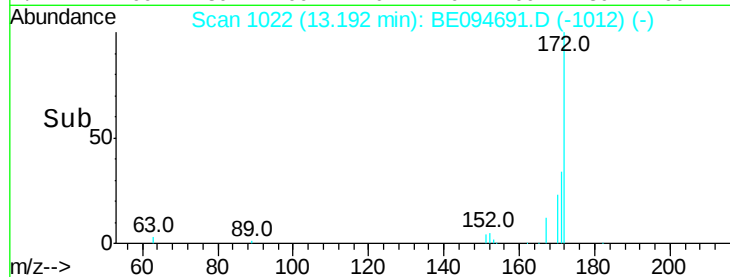
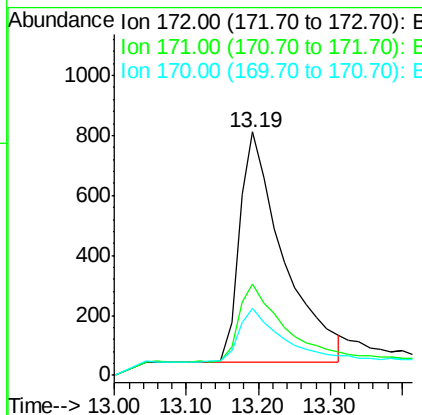
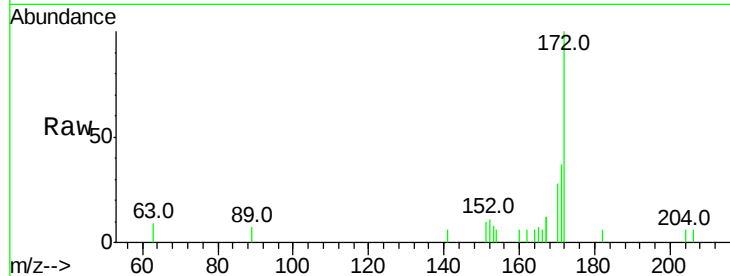




#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.05 min
Lab File: BE094691.D
Acq: 1 Nov 2017 15:11

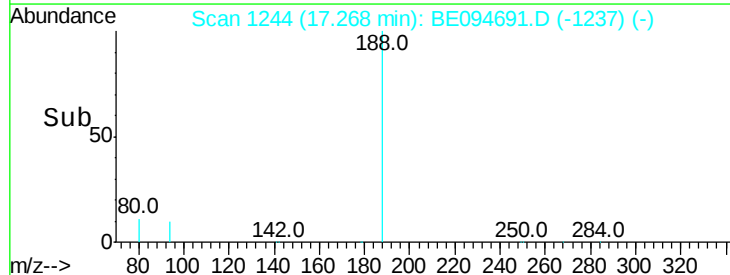
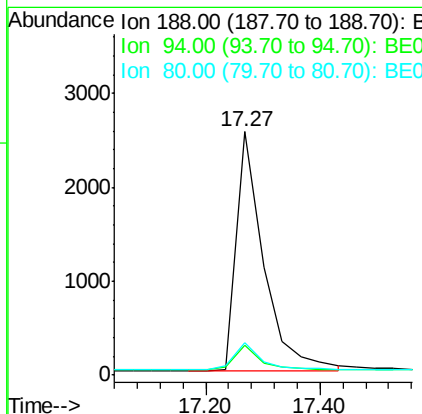
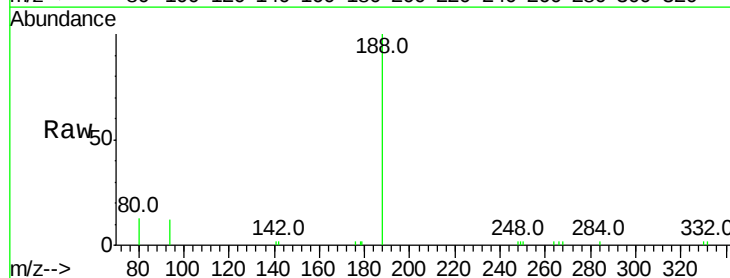
Instrument :
BNA_E
ClientSampled :

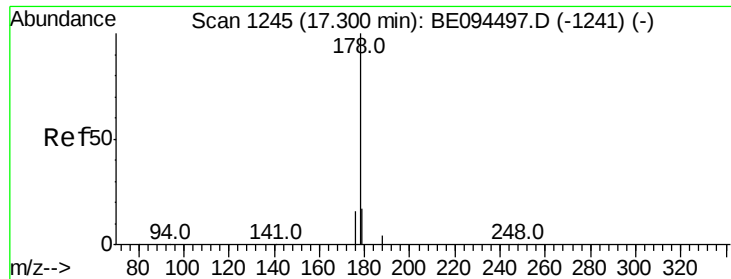
Tot Ion:172 Resp: 3248
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 27.6 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094691.D
Acq: 1 Nov 2017 15:11

Tgt Ion:188 Resp: 8328
Ion Ratio Lower Upper
188 100
94 12.4 3.9 5.9#
80 13.1 3.6 5.4#





#23

Phenanthrene

Concen: Below Cal

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Instrument :

BNA_E

ClientSampleId :

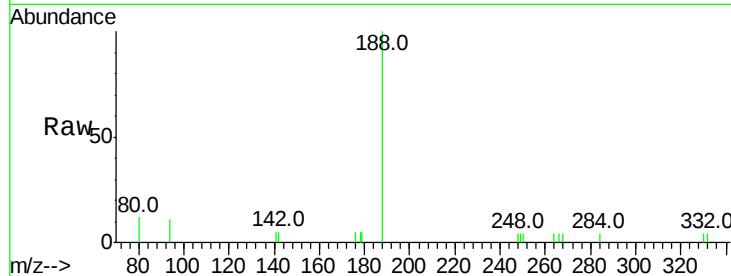
Tot Ion:178 Resp: 125

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

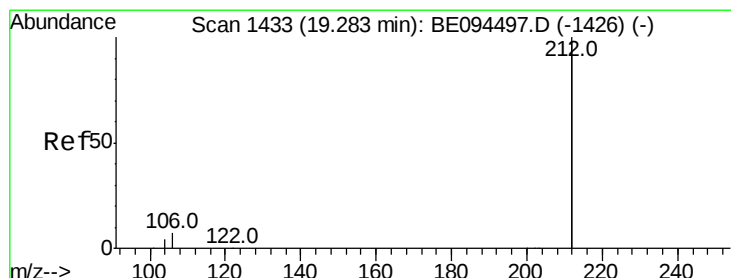
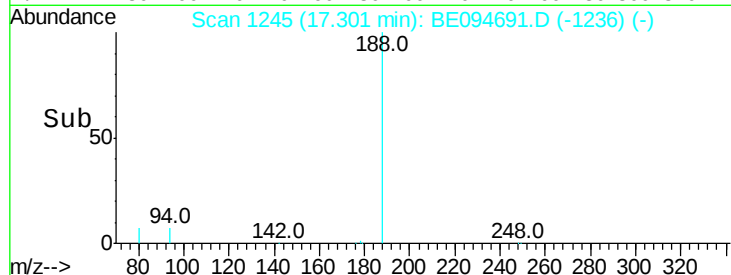
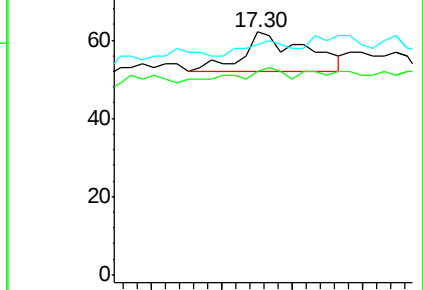
179 0.0 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.229 ng

RT: 19.30 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

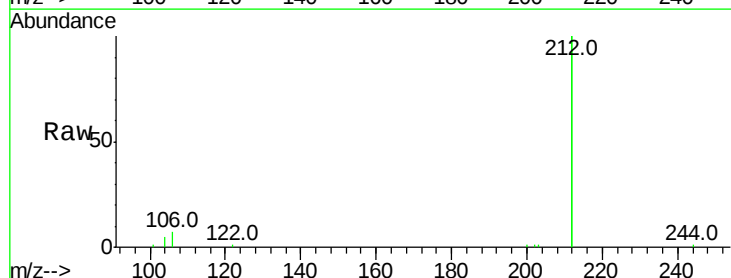
Tgt Ion:212 Resp: 26774

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

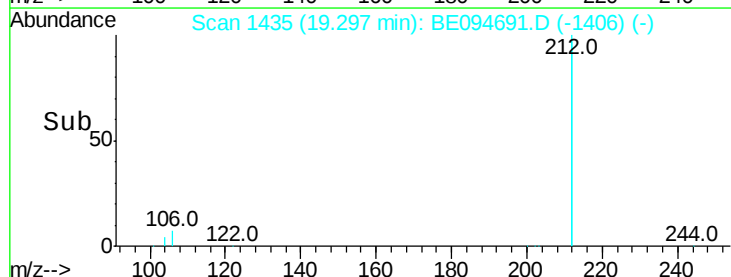
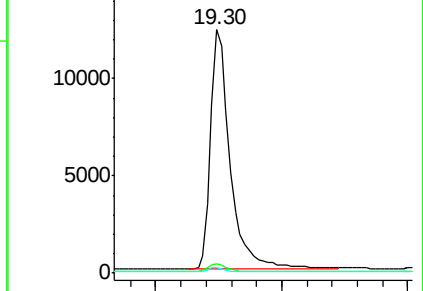
104 1.8 1.6 2.4

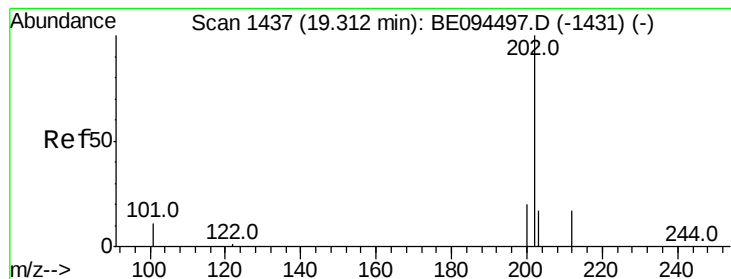


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: Below Cal

RT: 19.33 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Instrument :

BNA_E

ClientSampleId :

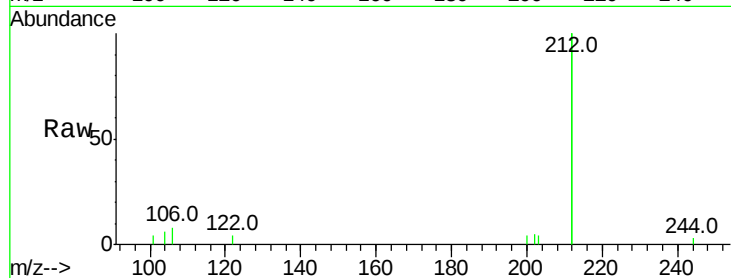
Tot Ion:202 Resp: 71

Ion Ratio Lower Upper

202 100

101 14.1 9.8 14.8

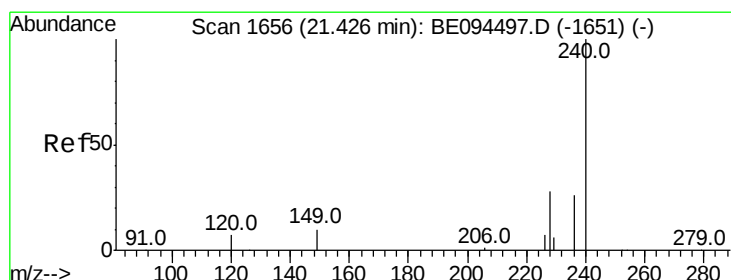
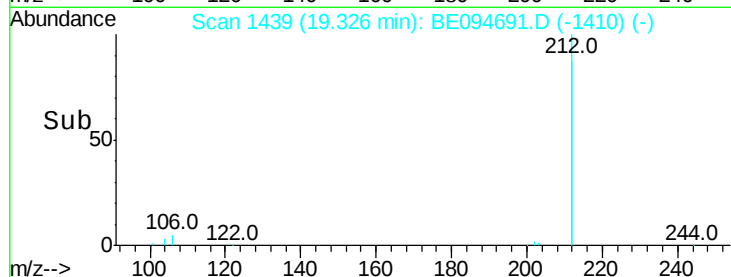
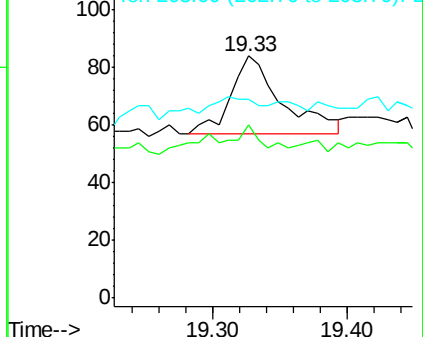
203 0.0 13.7 20.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.44 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

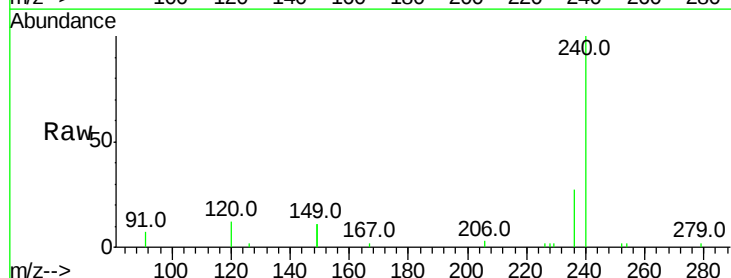
Tgt Ion:240 Resp: 8317

Ion Ratio Lower Upper

240 100

120 11.9 5.5 8.3#

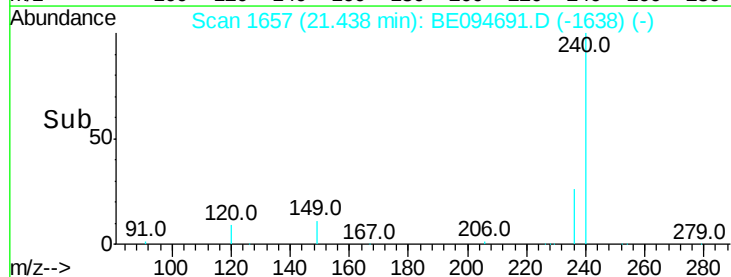
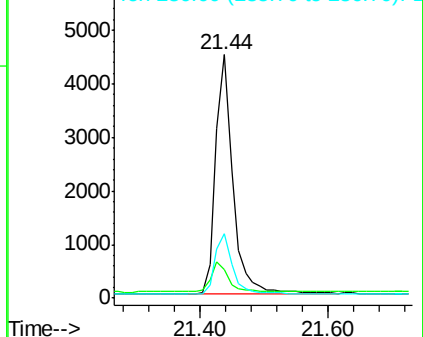
236 26.7 20.7 31.1

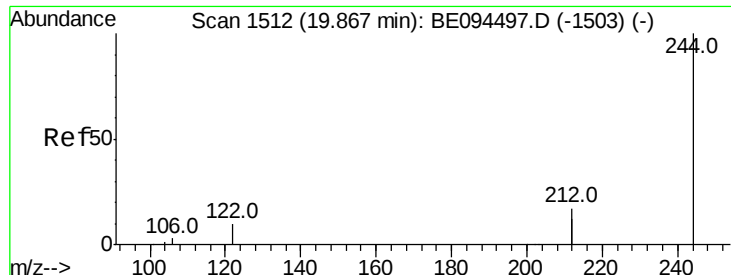


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.260 ng

RT: 19.87 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

Instrument :

BNA_E

ClientSampleId :

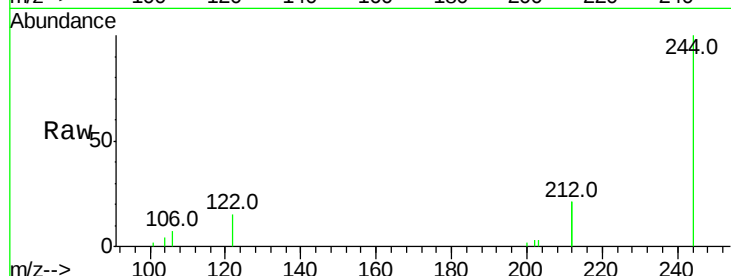
Tot Ion:244 Resp: 4071

Ion Ratio Lower Upper

244 100

212 41.6 25.4 38.0#

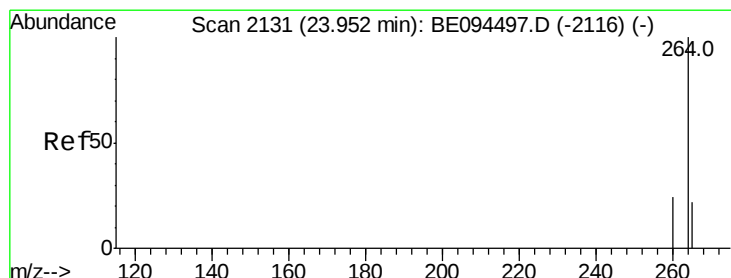
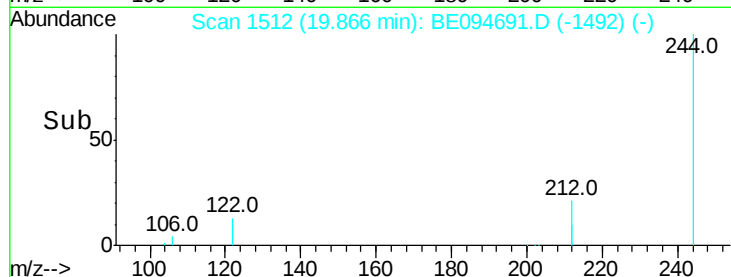
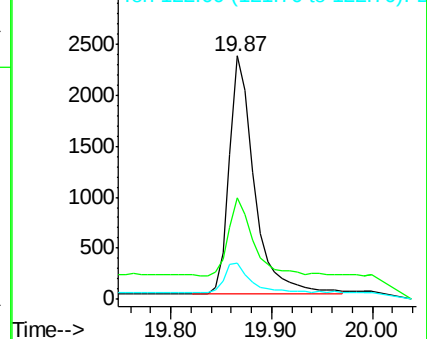
122 14.9 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.98 min Scan# 2136

Delta R.T. 0.02 min

Lab File: BE094691.D

Acq: 1 Nov 2017 15:11

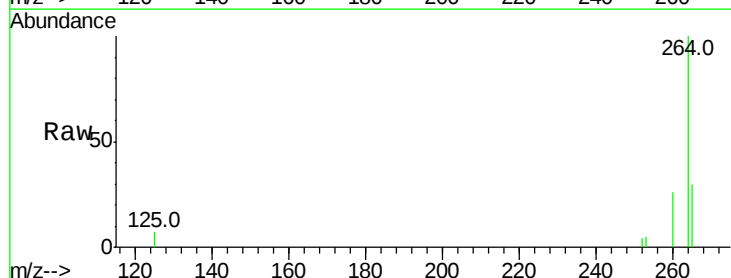
Tgt Ion:264 Resp: 7772

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 29.9 22.8 34.2



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

