

Data File : BE096601.D
Acq On : 17 May 2018 9:54
Operator : SJ/JU
Sample : PB109399BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB109399BL

Quant Time: May 18 05:10:09 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	822	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	3133	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1608	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3561	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3704	0.40	ng	0.01
34) Perylene-d12	24.33	264	3589	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.85	112	913	0.40	ng	0.00
5) Phenol-d6	7.50	99	1109	0.35	ng	0.00
8) Nitrobenzene-d5	9.53	82	1182	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1680	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	169	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2558	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	15961	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	2995	0.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Pentachlorophenol	17.33	266	6	0.19	ng	93

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

Data File : BE096601.D

Acq On : 17 May 2018 9:54

Operator : SJ/JU

Sample : PB109399BL

Misc :

ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

PB109399BL

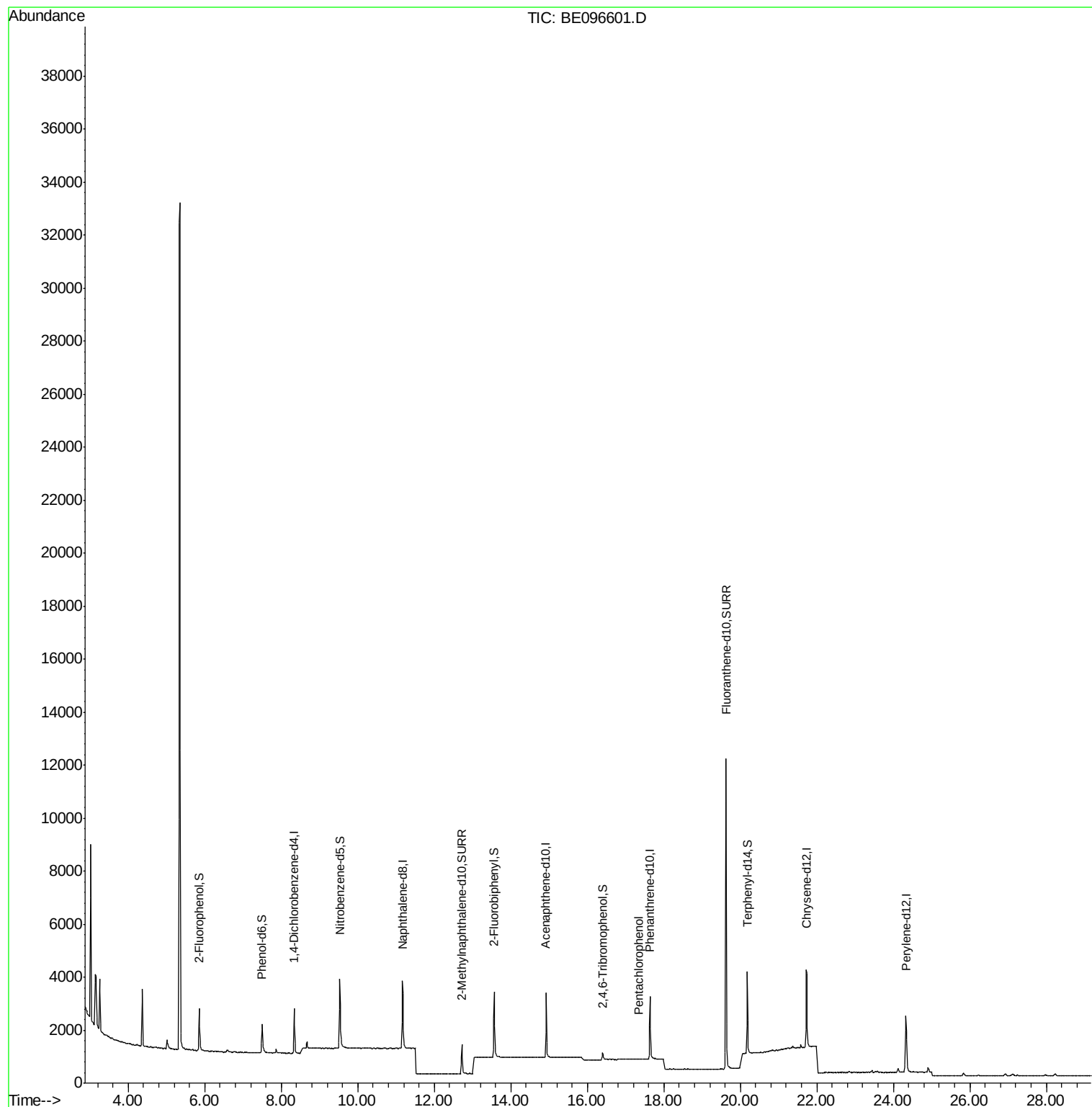
Quant Time: May 18 05:10:09 2018

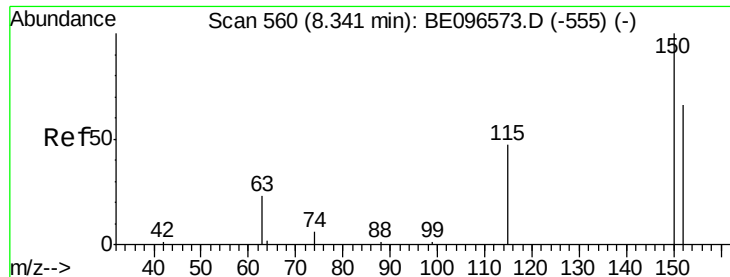
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 15 13:02:03 2018

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

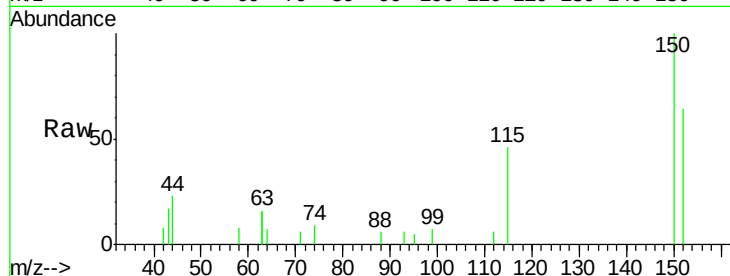
Tgt Ion:152 Resp: 822

Ion Ratio Lower Upper

152 100

150 157.2 117.2 175.8

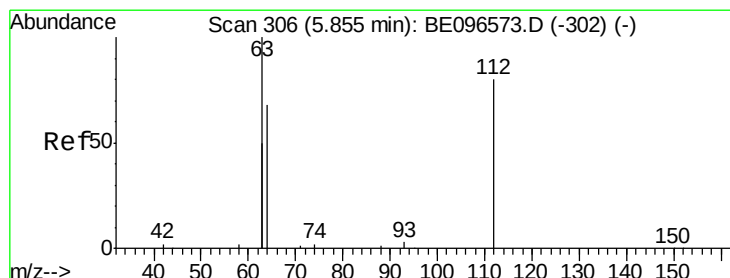
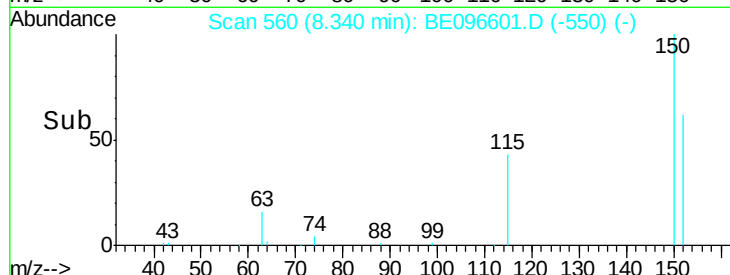
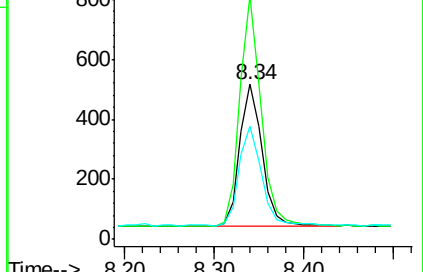
115 72.7 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.85 min Scan# 306

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

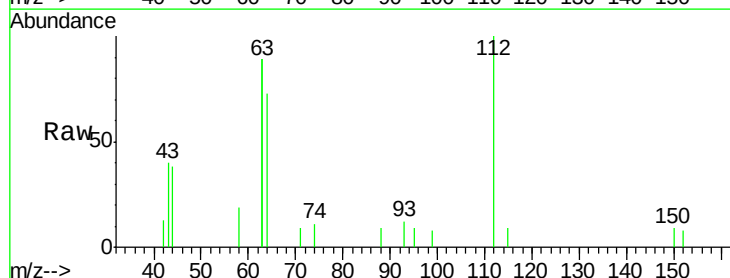
Tgt Ion:112 Resp: 913

Ion Ratio Lower Upper

112 100

64 76.5 60.1 90.1

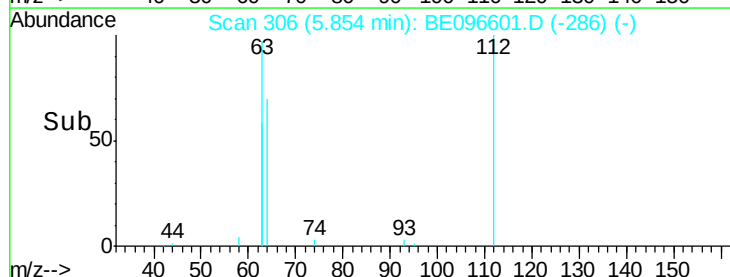
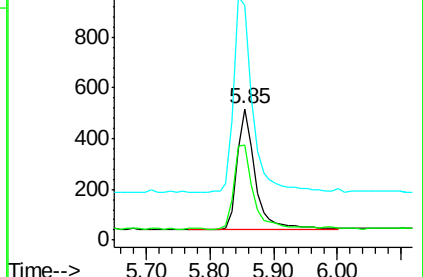
63 174.5 116.8 175.2

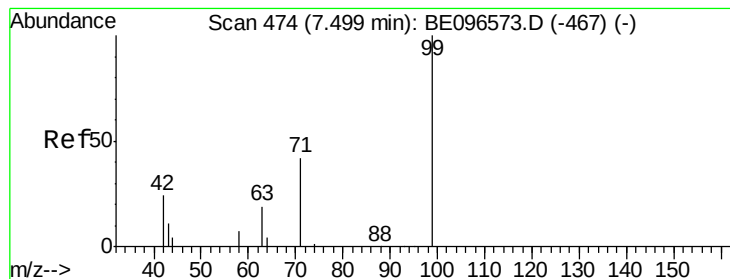


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

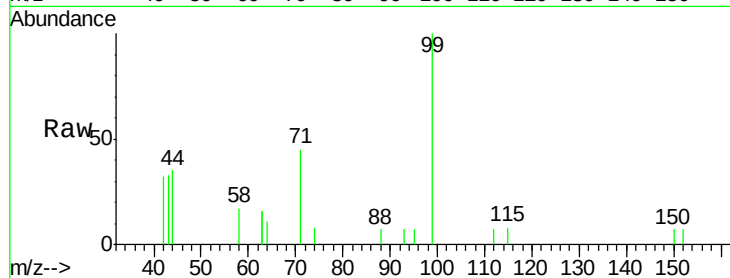
Tgt Ion: 99 Resp: 1109

Ion Ratio Lower Upper

99 100

42 30.0 20.2 30.2

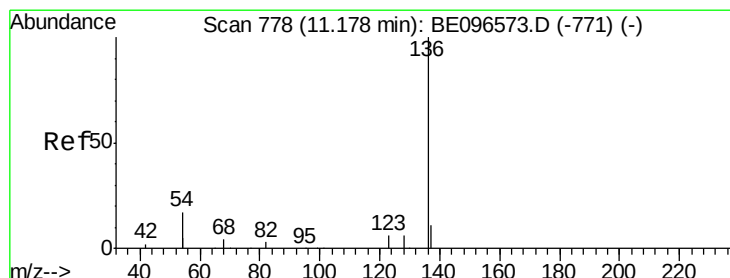
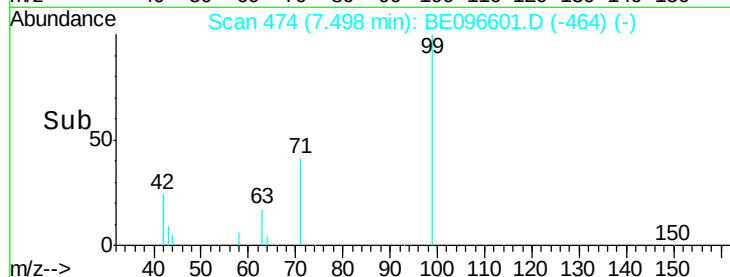
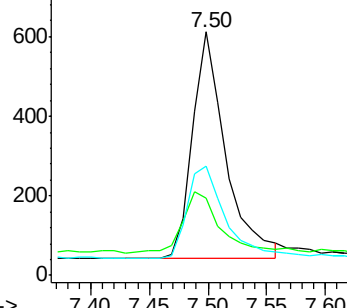
71 46.7 28.4 42.6#



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

Naphthalene-d8

Concen: 0.40 ng

RT: 11.18 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Tgt Ion: 136 Resp: 3133

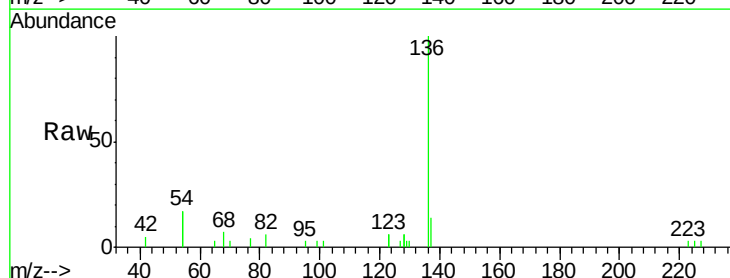
Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 34.6 29.1 43.7

68 7.2 6.2 9.2

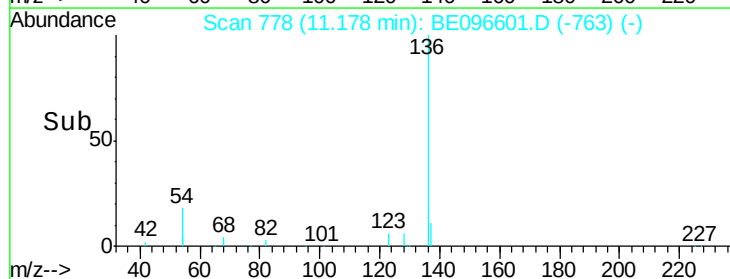
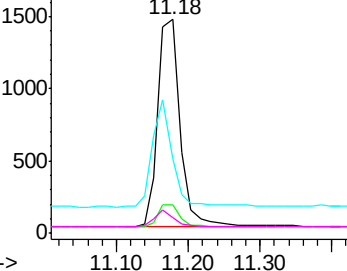


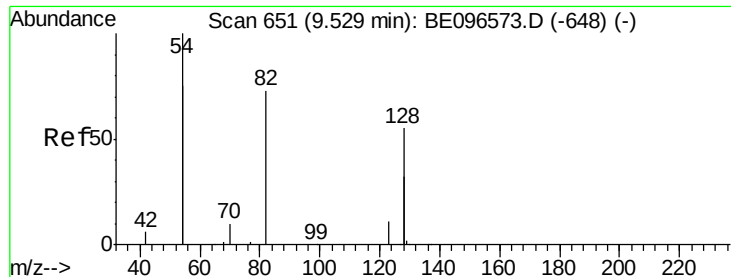
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.35 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

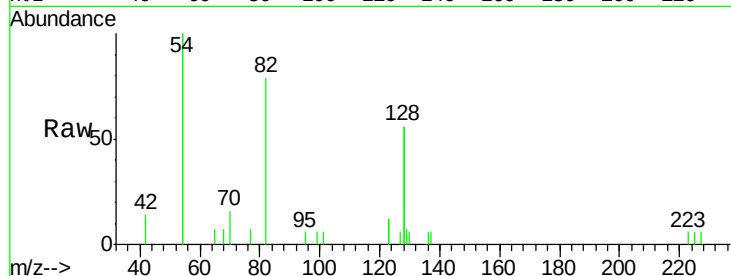
Tgt Ion: 82 Resp: 1182

Ion Ratio Lower Upper

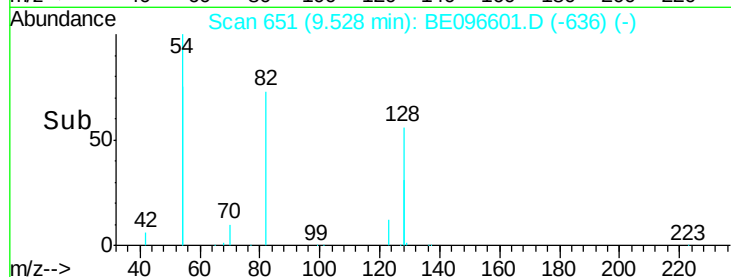
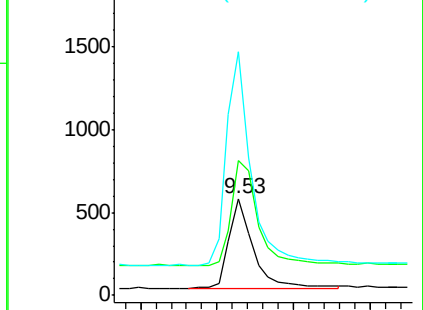
82 100

128 140.0 150.0 225.0#

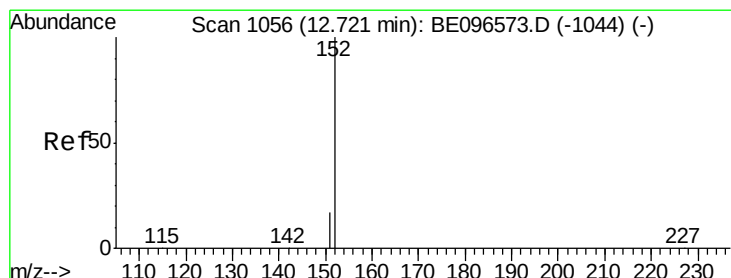
54 252.1 154.2 231.4#



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



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.33 ng

RT: 12.72 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BE096601.D

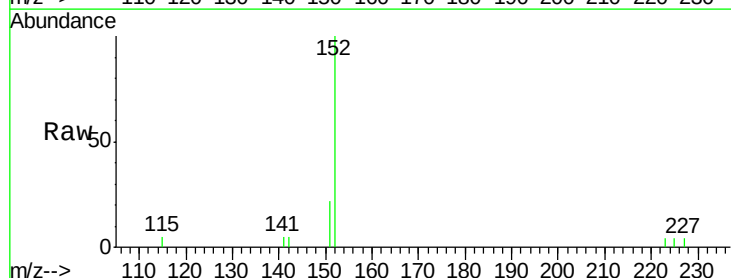
Acq: 17 May 2018 9:54

Tgt Ion: 152 Resp: 1680

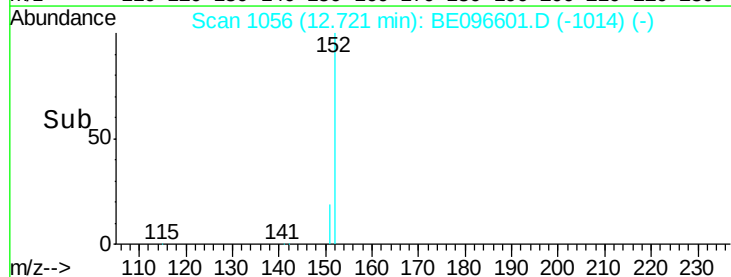
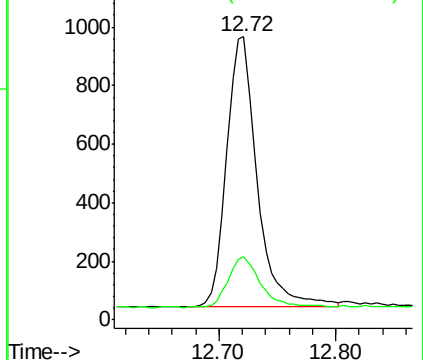
Ion Ratio Lower Upper

152 100

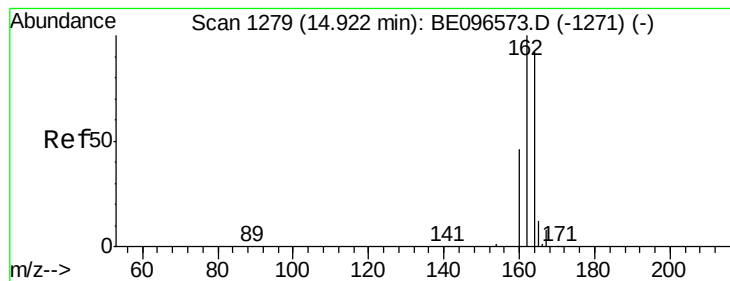
151 20.1 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE0
Ion 151.00 (150.70 to 151.70): BE0



Time-->



#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.92 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

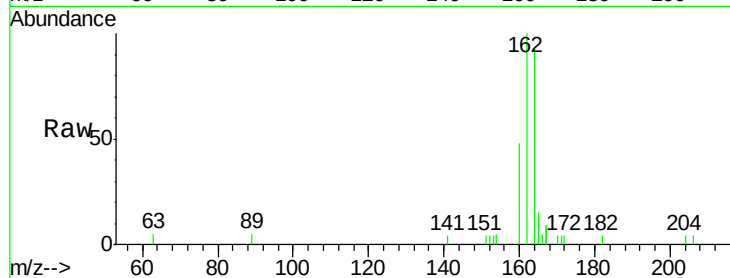
Tgt Ion:164 Resp: 1608

Ion Ratio Lower Upper

164 100

162 107.0 83.1 124.7

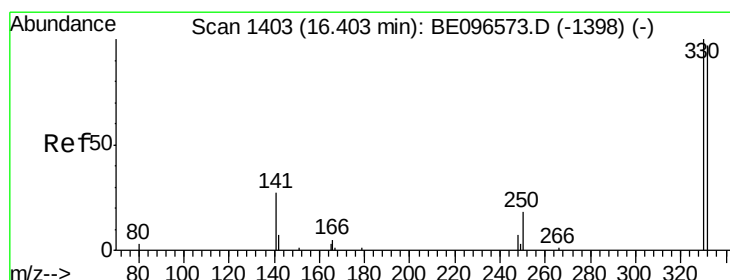
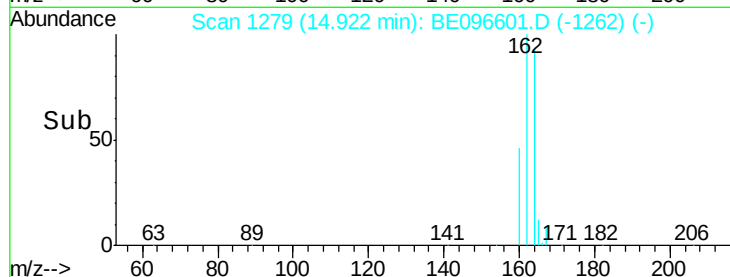
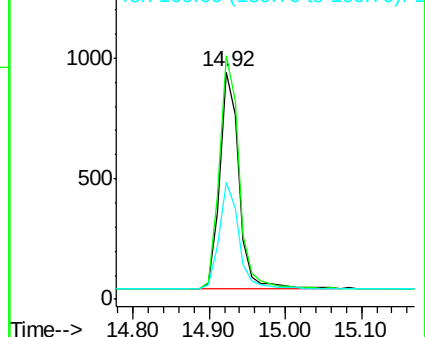
160 51.6 37.1 55.7



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: 0.27 ng

RT: 16.40 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

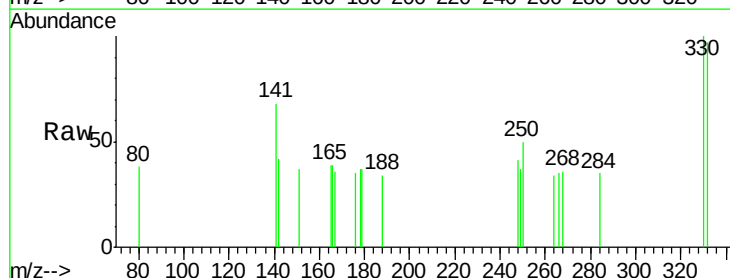
Tgt Ion:330 Resp: 169

Ion Ratio Lower Upper

330 100

332 104.1 152.7 229.1#

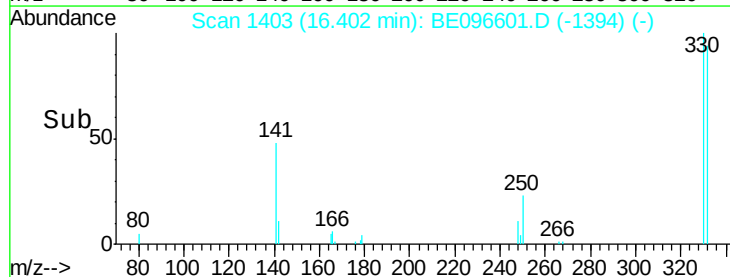
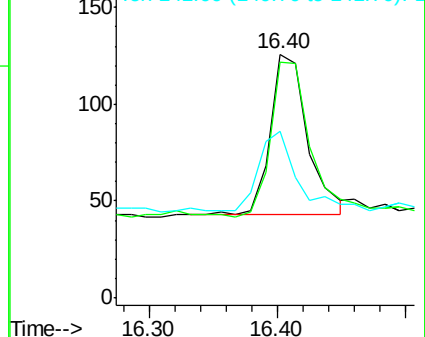
141 49.1 33.7 50.5

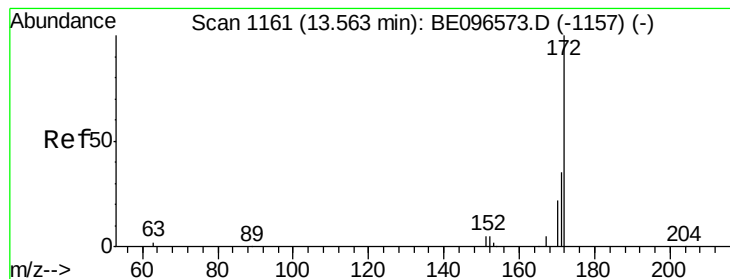


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.37 ng

RT: 13.56 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

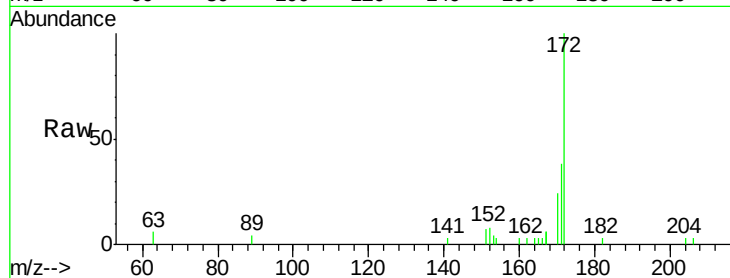
Tgt Ion:172 Resp: 2558

Ion Ratio Lower Upper

172 100

171 38.5 29.9 44.9

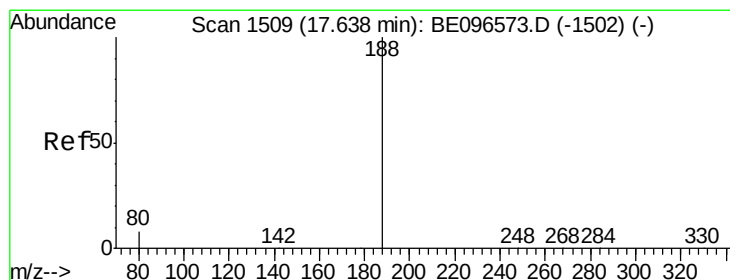
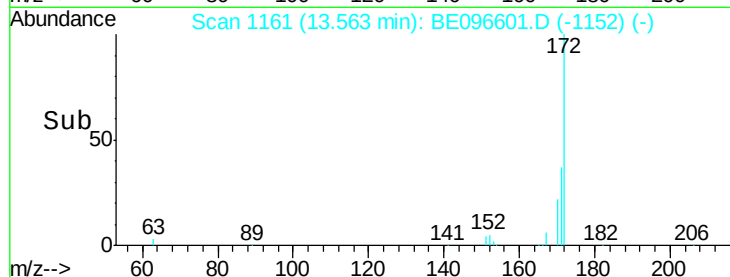
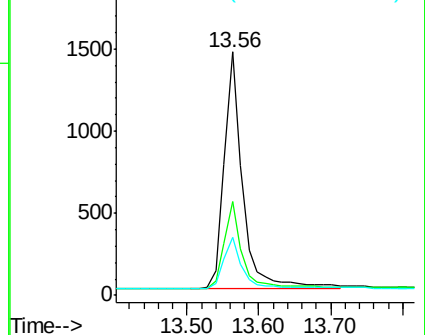
170 24.0 21.8 32.8



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: 0.40 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

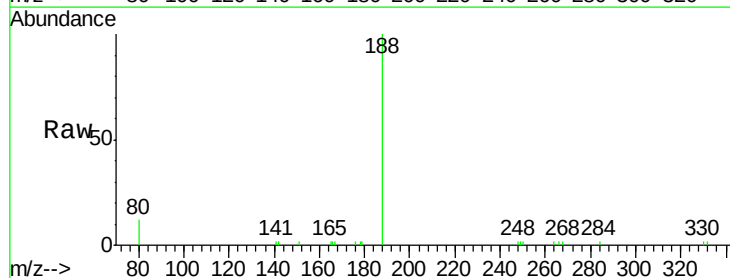
Tgt Ion:188 Resp: 3561

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

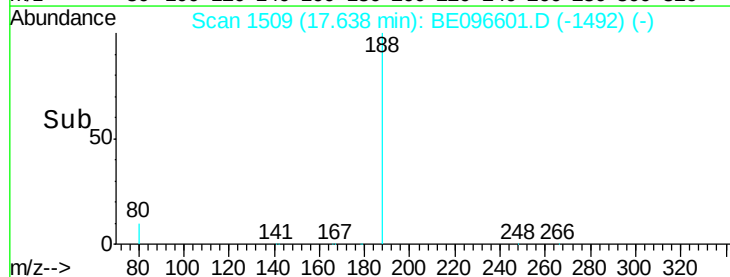
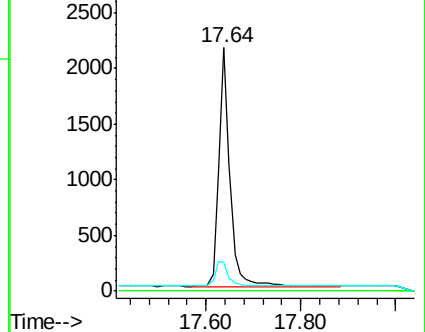
80 11.9 3.6 5.4#

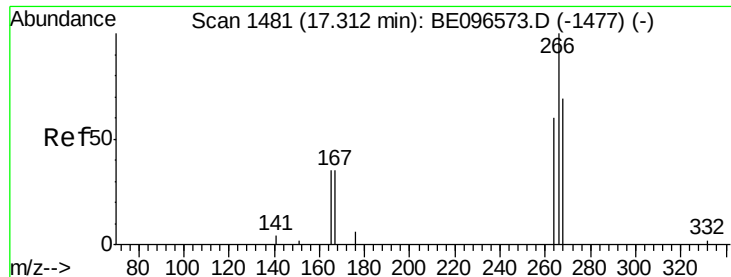


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.19 ng

RT: 17.33 min Scan# 1483

Delta R.T. 0.02 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

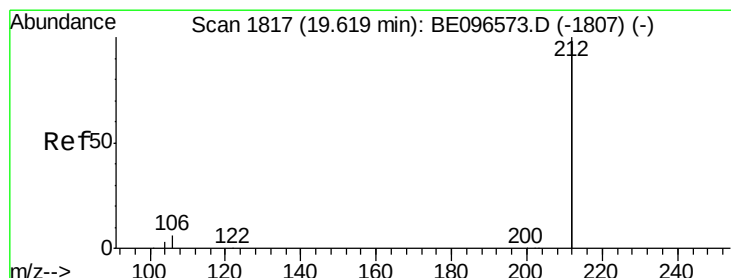
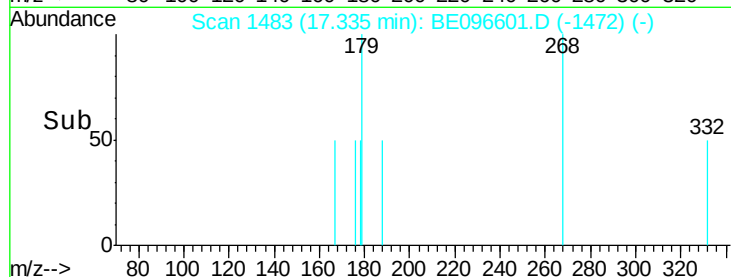
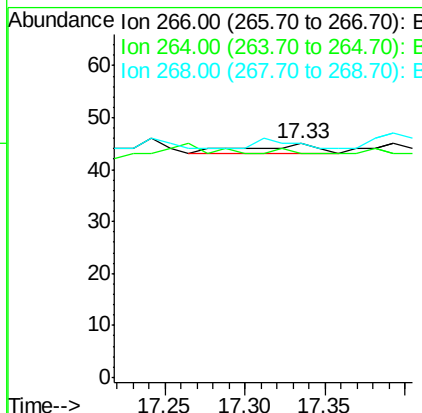
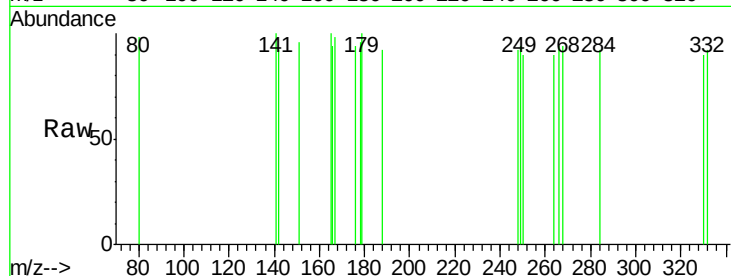
Instrument :

BNA_E

ClientSampleId :

PB109399BL

Tgt Ion:	266	Resp:	6
Ion	Ratio	Lower	Upper
266	100		
264	95.6	72.5	108.7
268	100.0	73.8	110.6



#25

Fluoranthene-d10

Concen: 0.37 ng

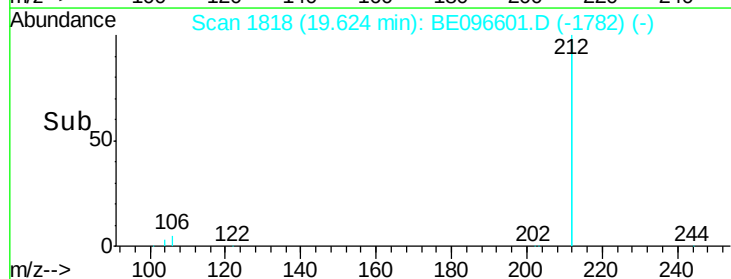
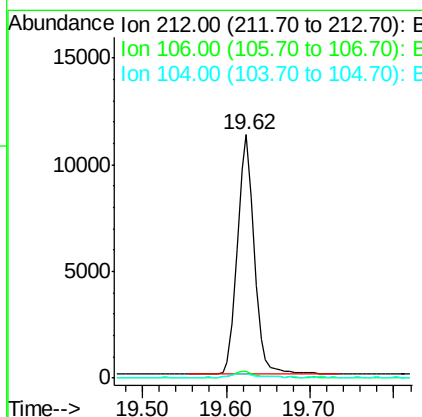
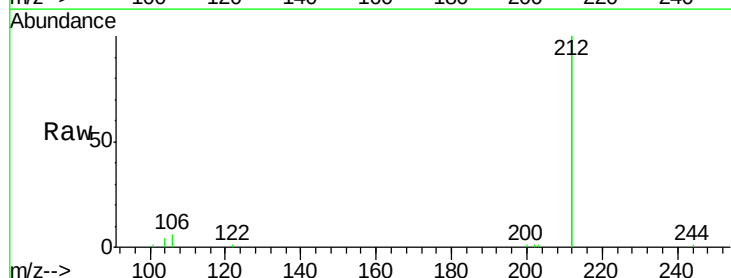
RT: 19.62 min Scan# 1818

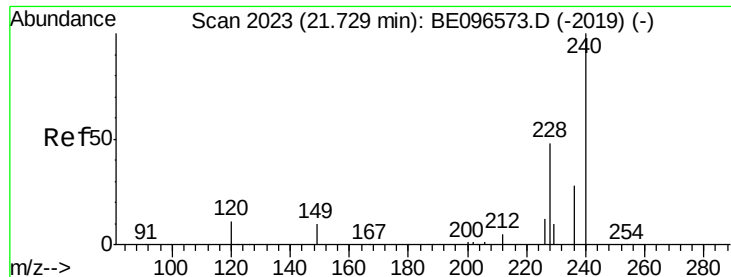
Delta R.T. 0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Tgt Ion:	212	Resp:	15961
Ion	Ratio	Lower	Upper
212	100		
106	2.7	2.8	4.2#
104	1.6	1.6	2.4#





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.74 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampled :

PB109399BL

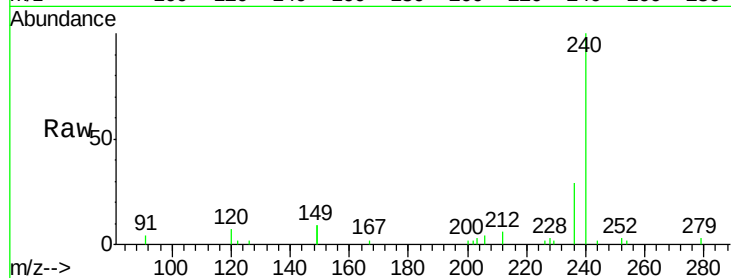
Tgt Ion:240 Resp: 3704

Ion Ratio Lower Upper

240 100

120 7.1 5.5 8.3

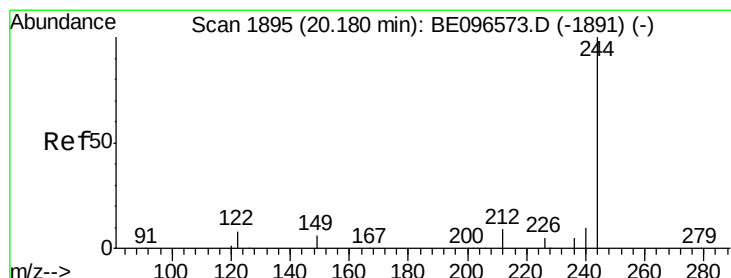
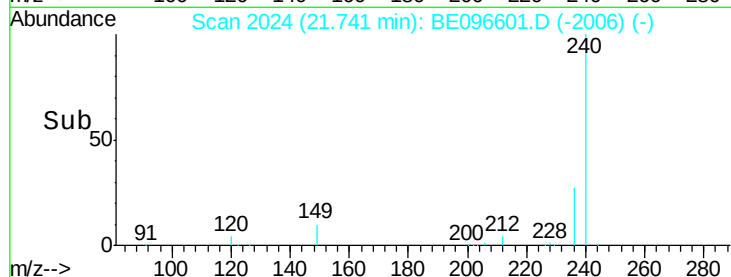
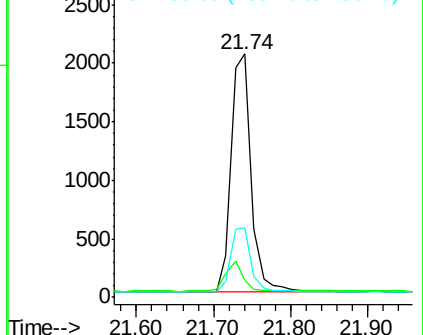
236 28.6 20.7 31.1



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: 0.36 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

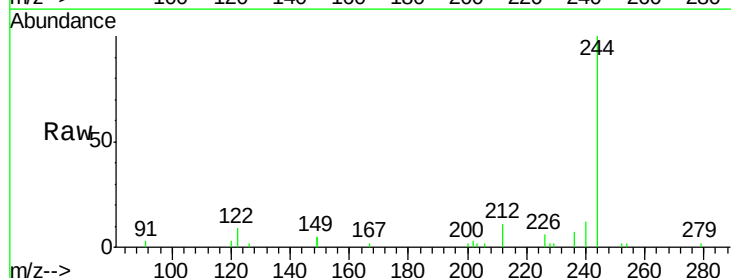
Tgt Ion:244 Resp: 2995

Ion Ratio Lower Upper

244 100

212 10.8 25.4 38.0#

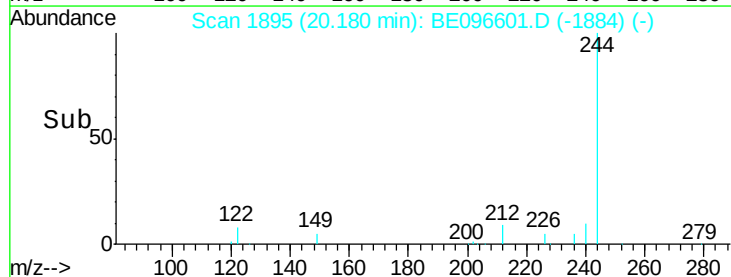
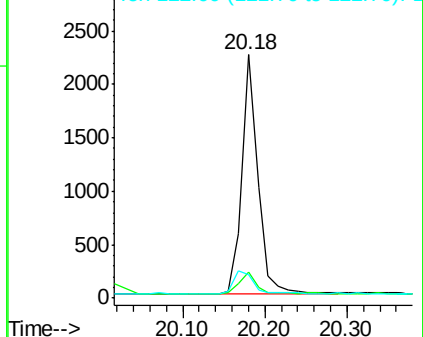
122 9.4 8.1 12.1

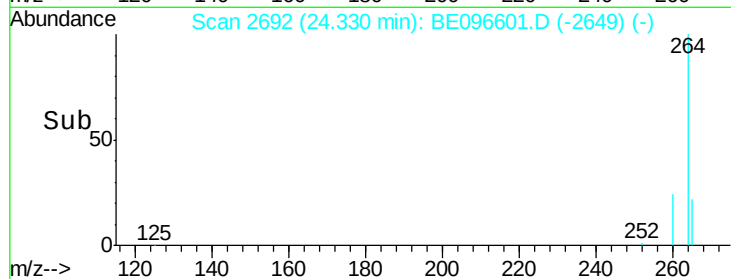
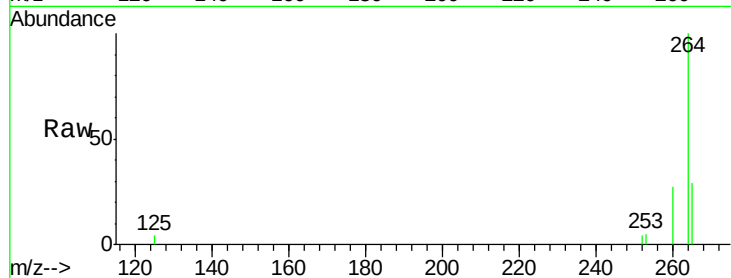
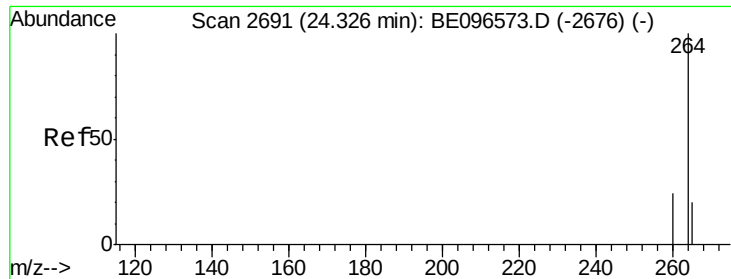


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.40 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096601.D

Acq: 17 May 2018 9:54

Instrument :

BNA_E

ClientSampleId :

PB109399BL

Tgt Ion: 264 Resp: 3589

Ion Ratio Lower Upper

264 100

260 26.7 20.5 30.7

265 29.3 22.8 34.2

