

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031218\
 Data File : BE095724.D
 Acq On : 12 Mar 2018 11:26
 Operator : SJ/JU
 Sample : PB107231BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB107231BL

Quant Time: Mar 12 12:44:16 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1576	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	5644	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3005	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	6838	0.40	ng	0.00
27) Chrysene-d12	21.80	240	6927	0.40	ng	0.00
34) Perylene-d12	24.43	264	6629	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1324	0.32	ng	0.00
5) Phenol-d6	7.56	99	1647	0.29	ng	0.00
8) Nitrobenzene-d5	9.61	82	1639	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.80	152	2777	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	237	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	3910	0.29	ng	0.00
25) Fluoranthene-d10	19.69	212	26649	0.30	ng	0.00
29) Terphenyl-d14	20.25	244	4089	0.30	ng	0.00

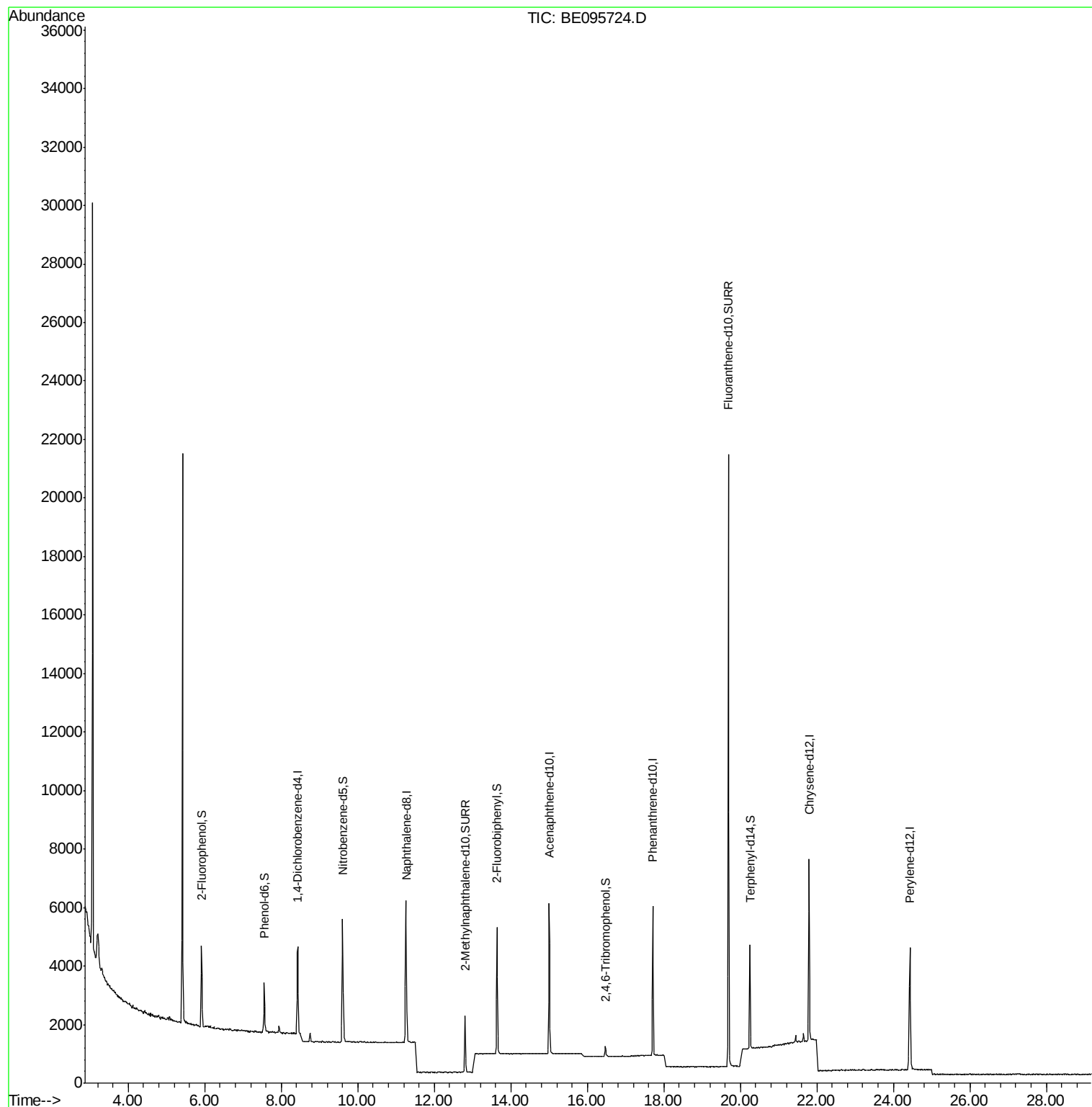
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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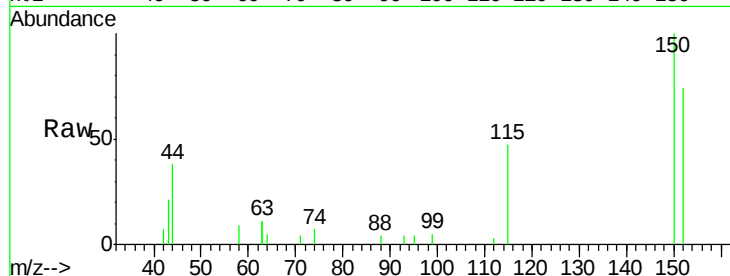


#1

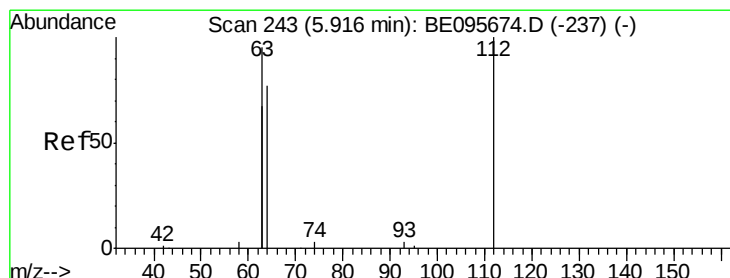
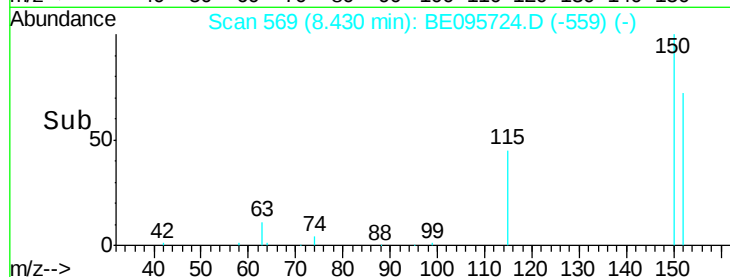
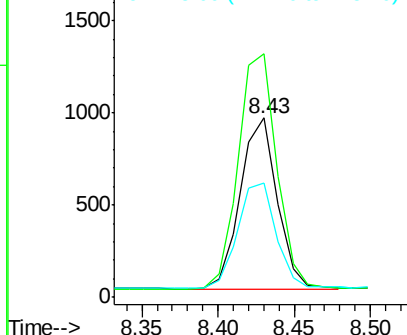
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BE095724.D
Acq: 12 Mar 2018 11:26

Instrument :
BNA_E
ClientSampleId :
PB107231BL

Tot Ion:152 Resp: 1576
Ion Ratio Lower Upper
152 100
150 135.7 117.2 175.8
115 64.0 57.0 85.6



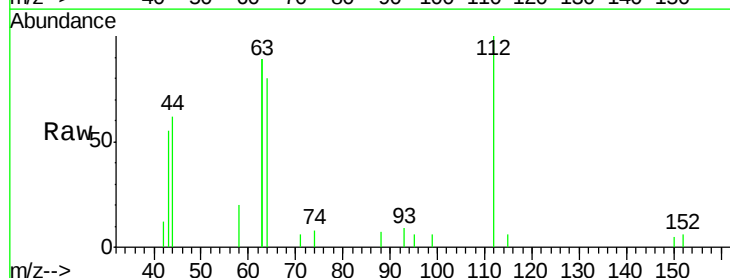
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



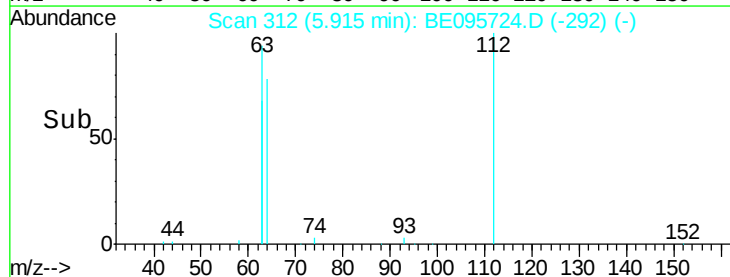
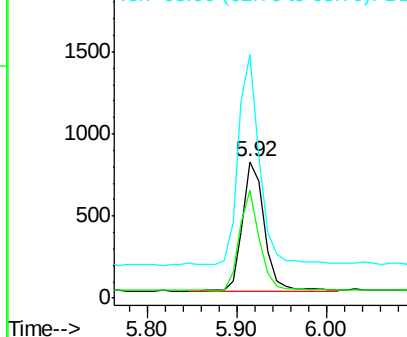
#4

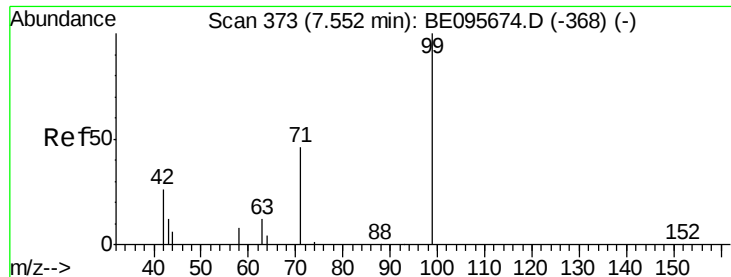
2-Fluorophenol
Concen: 0.318 ng
RT: 5.92 min Scan# 312
Delta R.T. -0.00 min
Lab File: BE095724.D
Acq: 12 Mar 2018 11:26

Tgt Ion:112 Resp: 1324
Ion Ratio Lower Upper
112 100
64 74.1 60.1 90.1
63 160.4 116.8 175.2



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: 0.286 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.01 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Instrument :

BNA_E

ClientSampleId :

PB107231BL

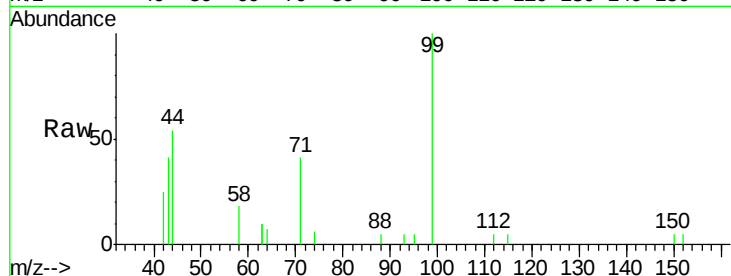
Tot Ion: 99 Resp: 1647

Ion Ratio Lower Upper

99 100

42 25.7 20.2 30.2

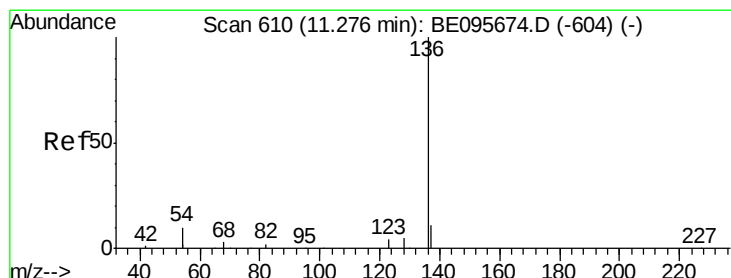
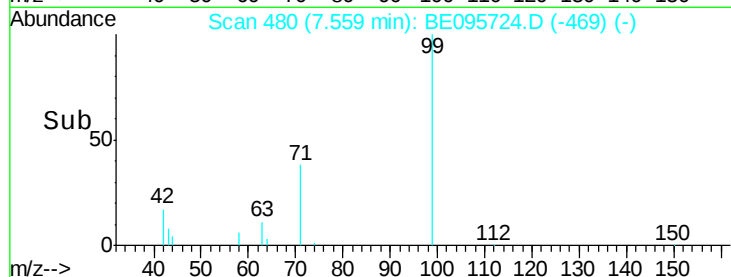
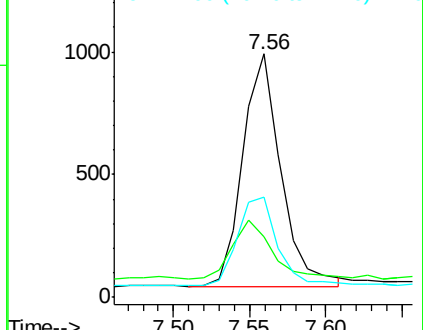
71 40.6 28.4 42.6



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: 0.400 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Tgt Ion: 136 Resp: 5644

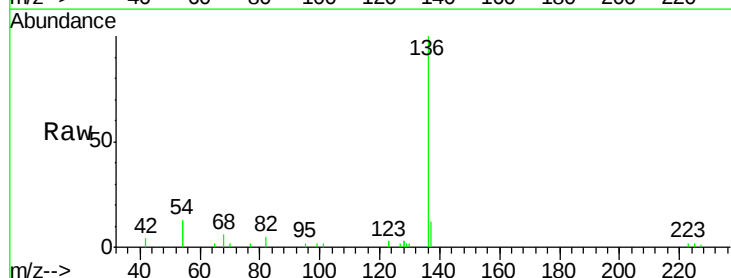
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 25.9 29.1 43.7#

68 5.8 6.2 9.2#

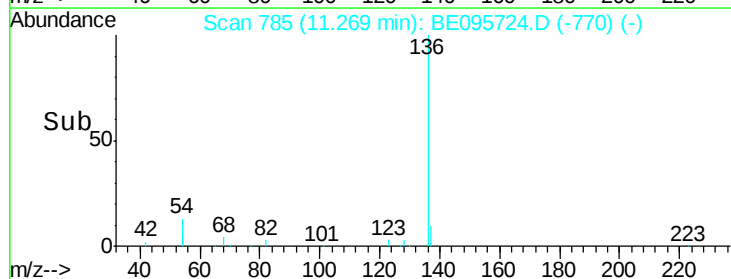
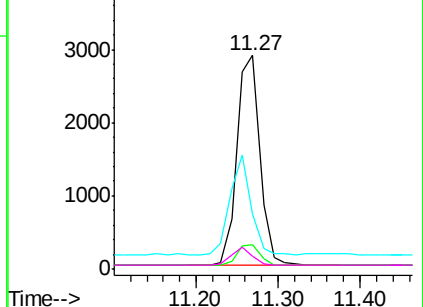


Abundance Ion 136.00 (135.70 to 136.70): E

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

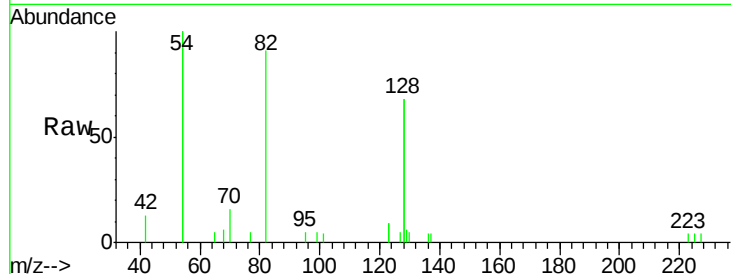




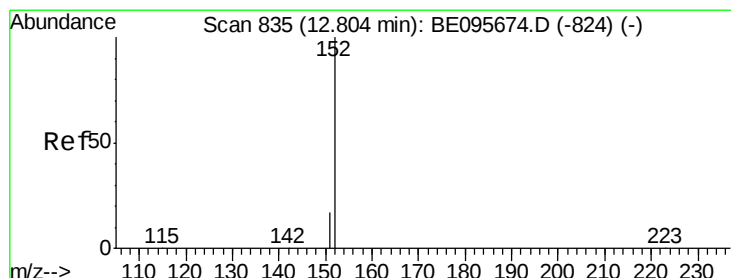
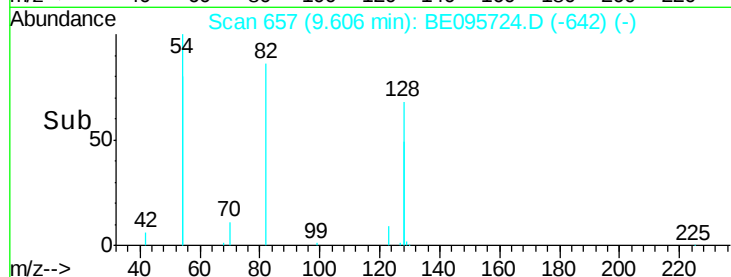
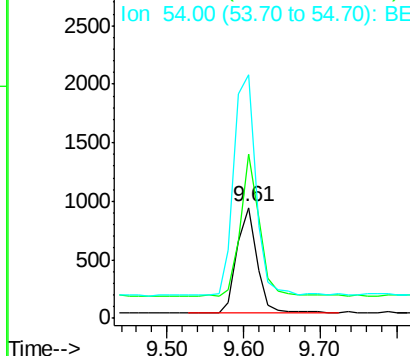
#8
 Nitrobenzene-d5
 Concen: 0.282 ng
 RT: 9.61 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BE095724.D
 Acq: 12 Mar 2018 11:26

Instrument :
 BNA_E
 ClientSampleId :
 PB107231BL

Tot Ion: 82 Resp: 1639
 Ion Ratio Lower Upper
 82 100
 128 148.8 150.0 225.0#
 54 220.1 154.2 231.4

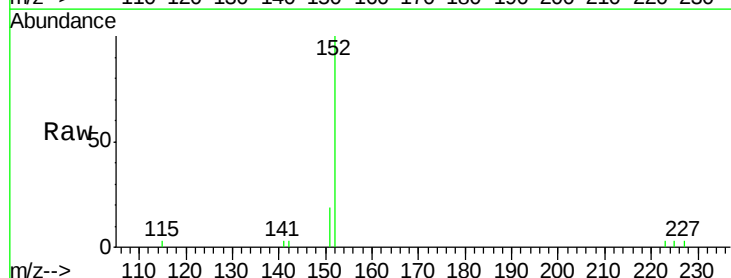


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

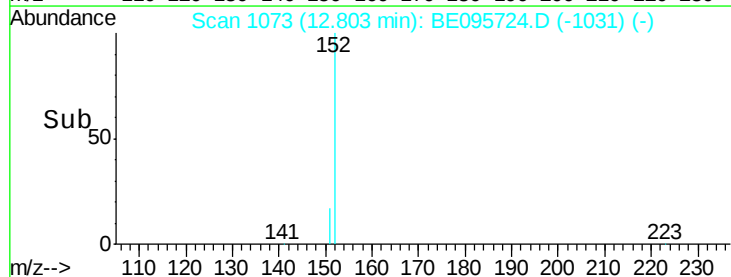
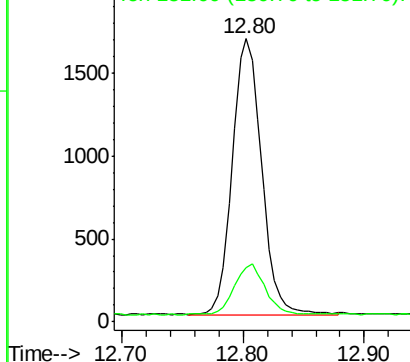


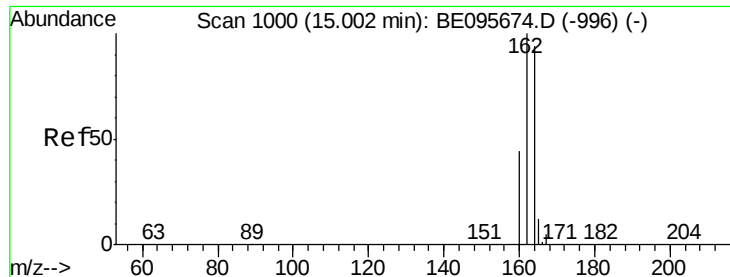
#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 12.80 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BE095724.D
 Acq: 12 Mar 2018 11:26

Tgt Ion: 152 Resp: 2777
 Ion Ratio Lower Upper
 152 100
 151 19.0 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: 15.00 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Instrument :

BNA_E

ClientSampled :

PB107231BL

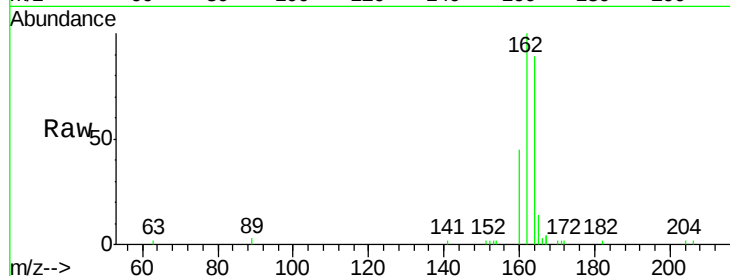
Tot Ion:164 Resp: 3005

Ion Ratio Lower Upper

164 100

162 112.0 83.1 124.7

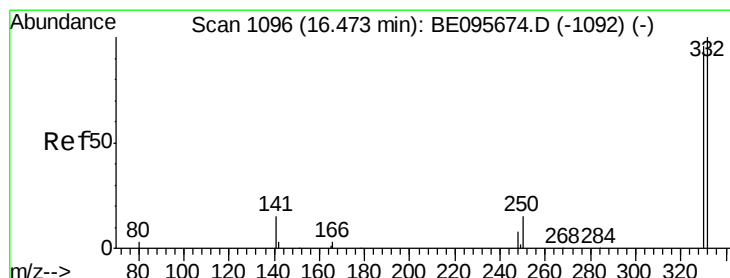
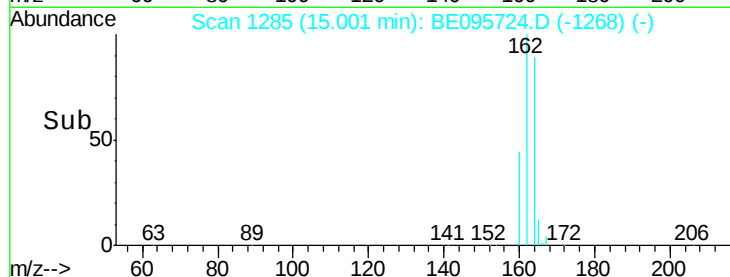
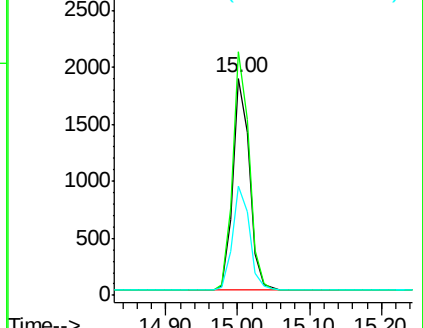
160 50.6 37.1 55.7



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: 0.280 ng

RT: 16.47 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

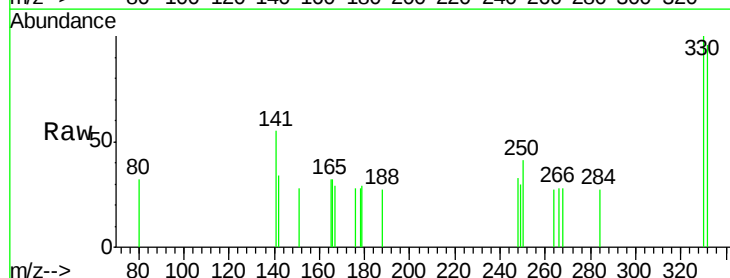
Tgt Ion:330 Resp: 237

Ion Ratio Lower Upper

330 100

332 95.8 152.7 229.1#

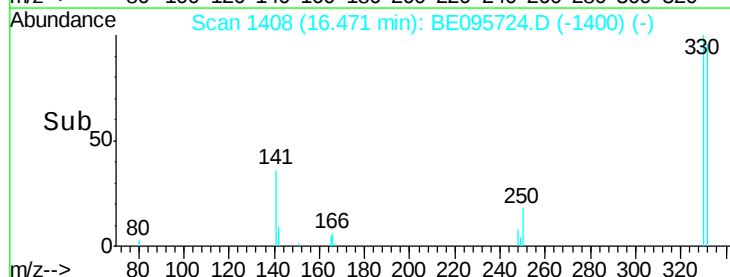
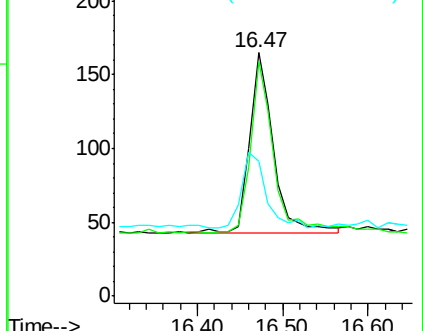
141 44.3 33.7 50.5

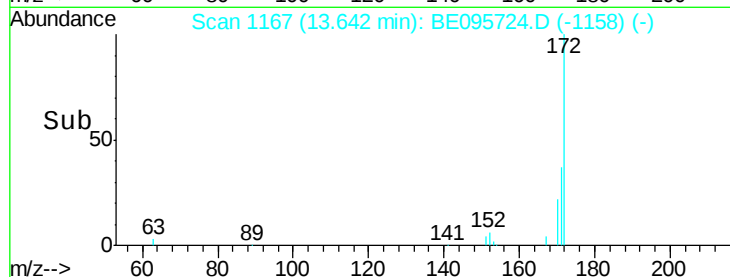
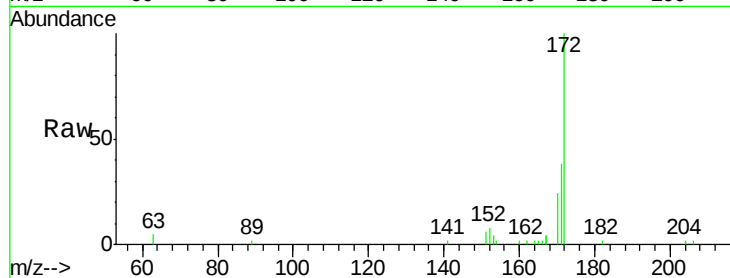
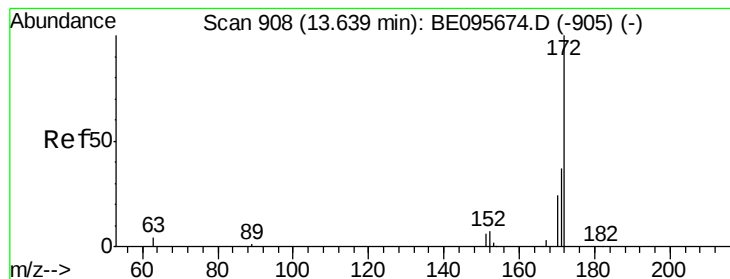


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.291 ng

RT: 13.64 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Instrument :

BNA_E

ClientSampleId :

PB107231BL

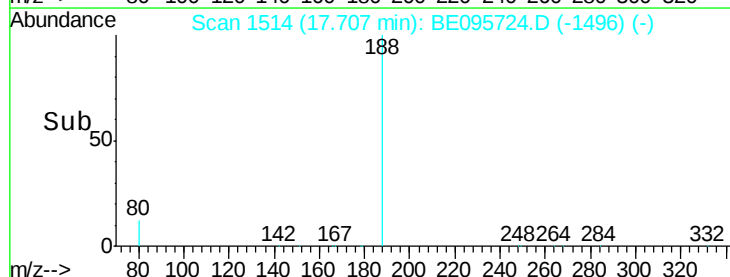
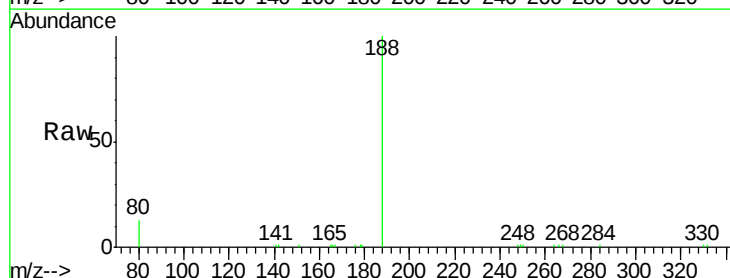
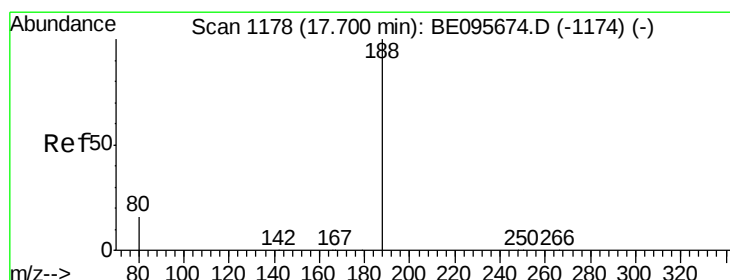
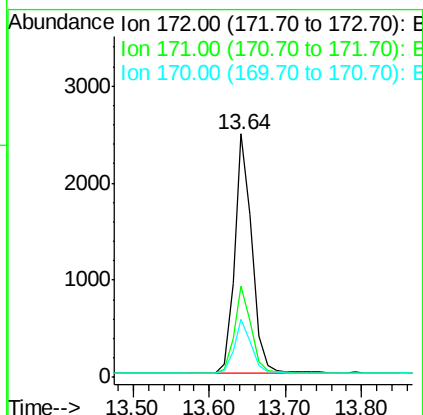
Tot Ion:172 Resp: 3910

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

170 23.8 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1514

Delta R.T. 0.01 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

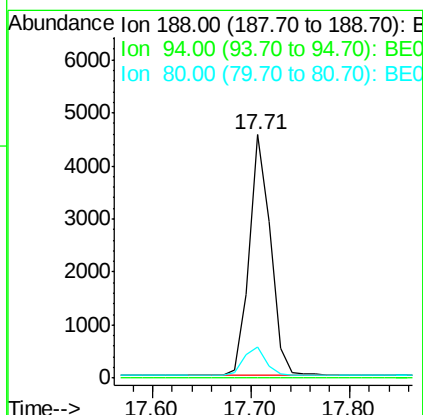
Tgt Ion:188 Resp: 6838

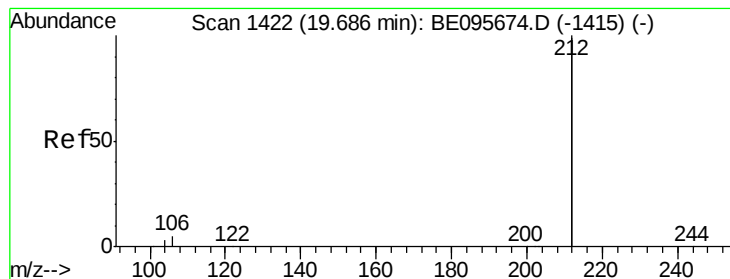
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.7 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.69 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Instrument :

BNA_E

ClientSampleId :

PB107231BL

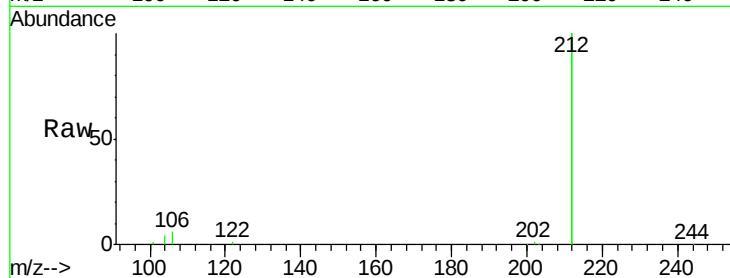
Tot Ion:212 Resp: 26649

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

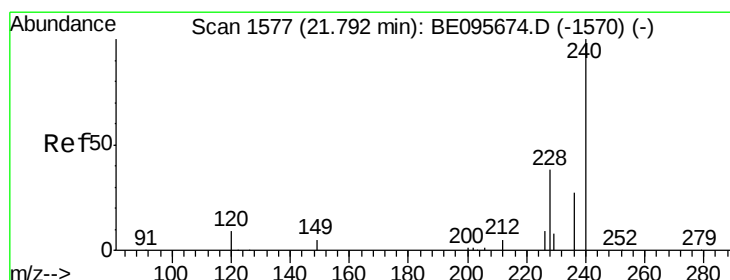
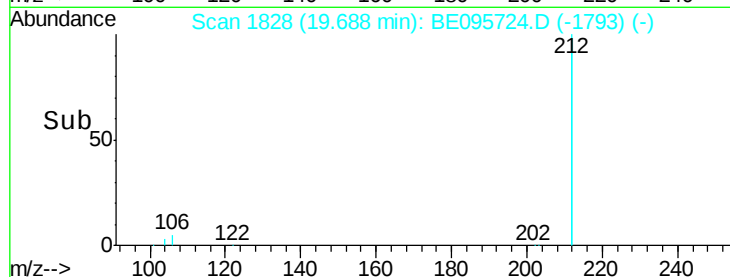
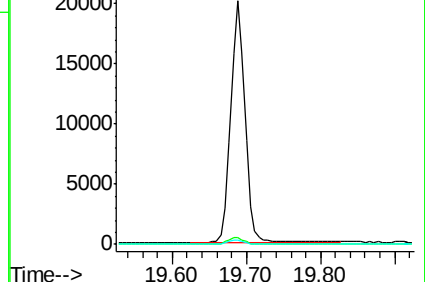
104 1.6 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.80 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

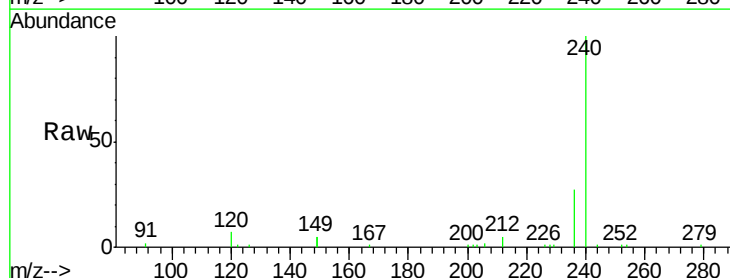
Tgt Ion:240 Resp: 6927

Ion Ratio Lower Upper

240 100

120 7.0 5.5 8.3

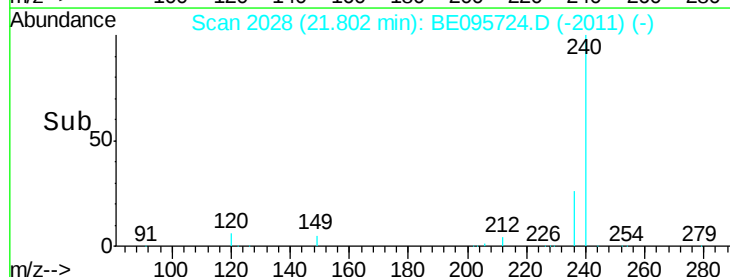
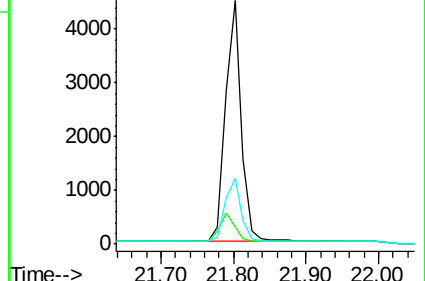
236 26.9 20.7 31.1

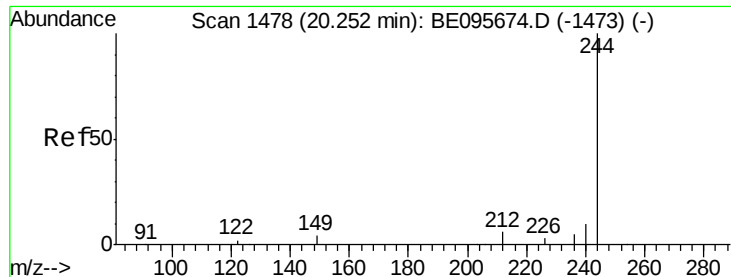


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.296 ng

RT: 20.25 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

Instrument :

BNA_E

ClientSampleId :

PB107231BL

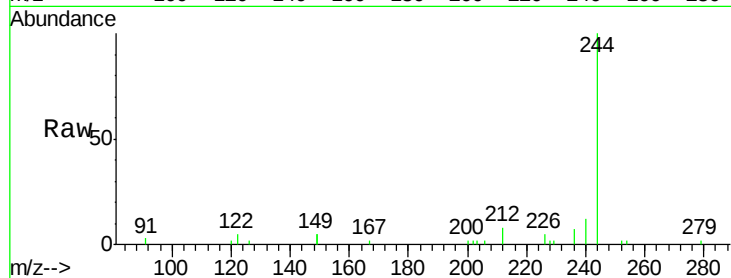
Tot Ion:244 Resp: 4089

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

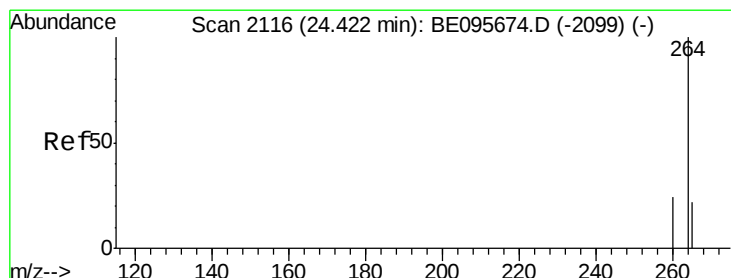
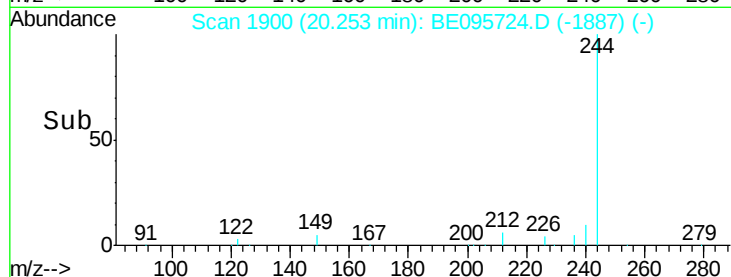
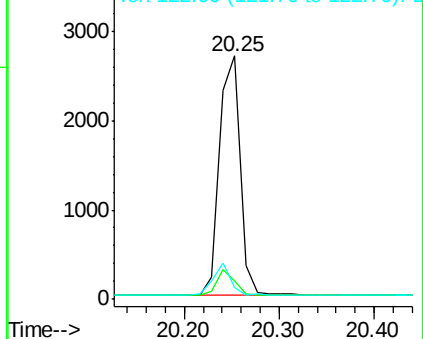
122 4.7 8.1 12.1#



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: 24.43 min Scan# 2719

Delta R.T. 0.01 min

Lab File: BE095724.D

Acq: 12 Mar 2018 11:26

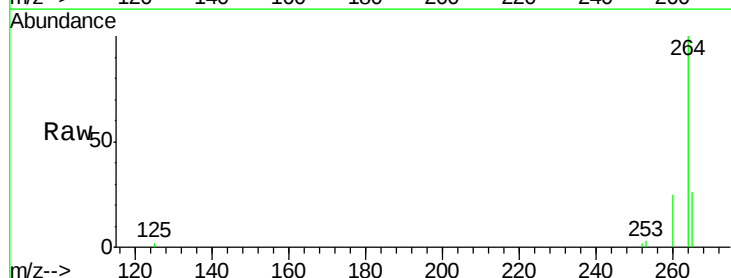
Tgt Ion:264 Resp: 6629

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 26.4 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

