

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041118\
 Data File : BE095977.D
 Acq On : 11 Apr 2018 18:57
 Operator : SJ/JU
 Sample : PB108058BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108058BL

Quant Time: Apr 12 04:20:25 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 17:26:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1335	0.40	ng	0.00
7) Naphthalene-d8	11.22	136	4769	0.40	ng	0.00
13) Acenaphthene-d10	14.97	164	2432	0.40	ng	0.00
19) Phenanthrene-d10	17.67	188	5650	0.40	ng	-0.01
27) Chrysene-d12	21.78	240	6409	0.40	ng	0.00
34) Perylene-d12	24.39	264	6280	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.88	112	1500	0.36	ng	0.00
5) Phenol-d6	7.53	99	1926	0.34	ng	0.00
8) Nitrobenzene-d5	9.57	82	1943	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.76	152	2709	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.44	330	251	0.21	ng	0.00
15) 2-Fluorobiphenyl	13.61	172	3857	0.37	ng	0.00
25) Fluoranthene-d10	19.66	212	27543	0.36	ng	0.00
29) Terphenyl-d14	20.22	244	4819	0.34	ng	0.00

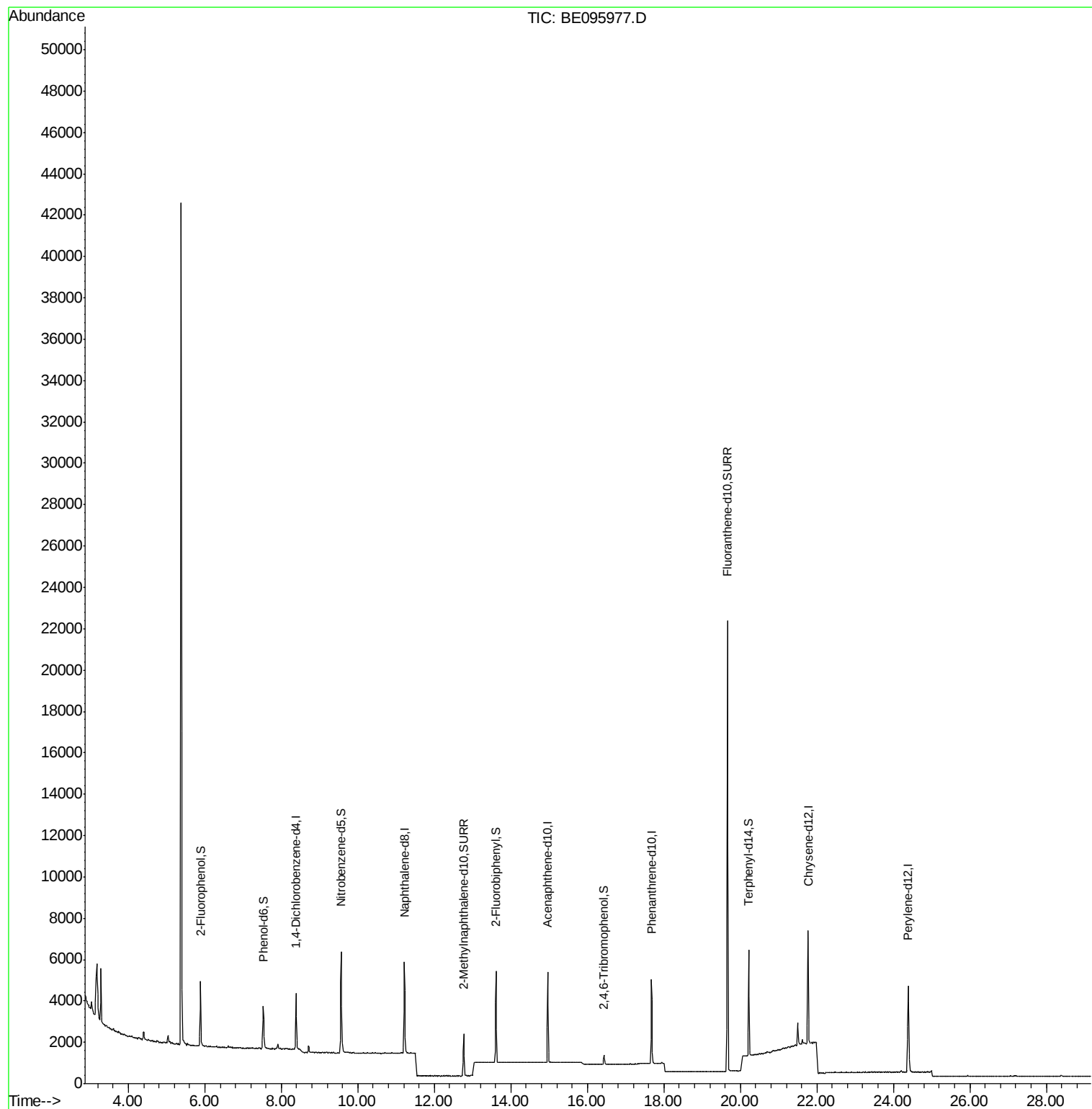
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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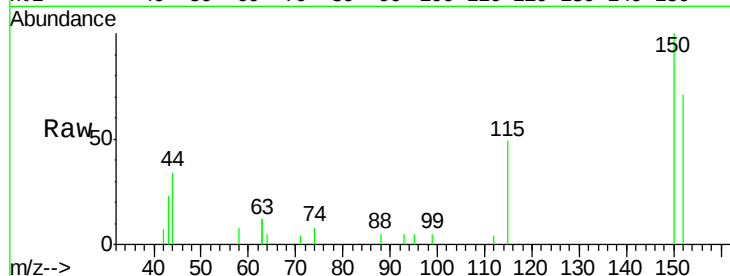


#1

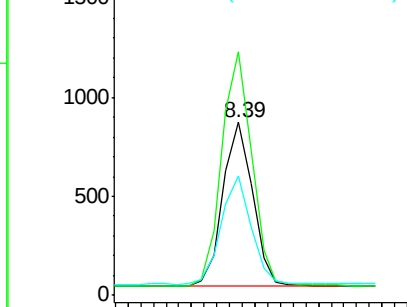
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.39 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BE095977.D
 Acq: 11 Apr 2018 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PB108058BL

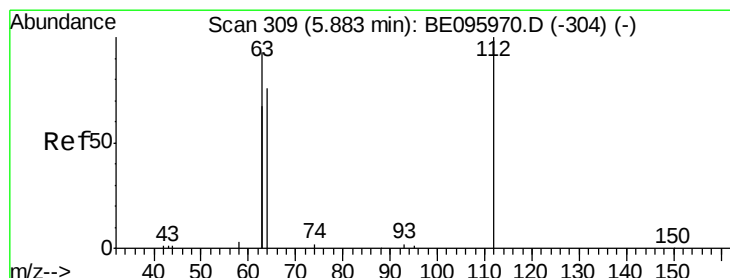
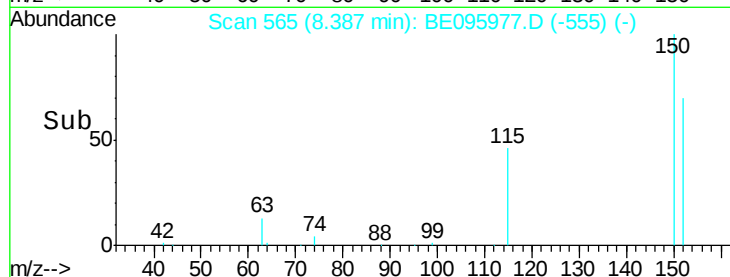
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	117.2	175.8
115	69.0	57.0	85.6



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



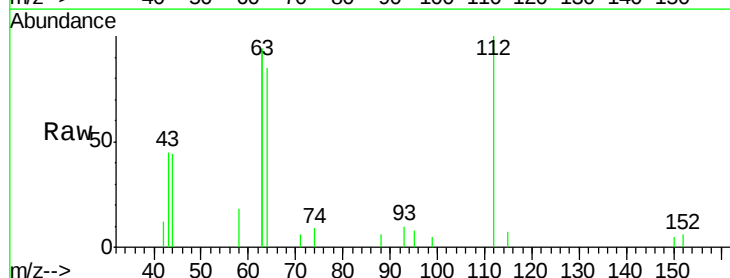
Time--> 8.30 8.35 8.40 8.45 8.50



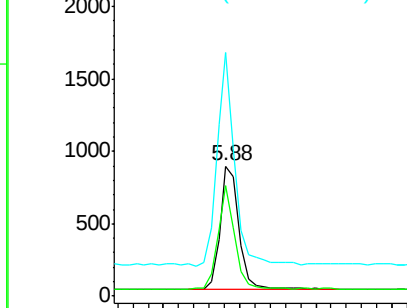
#4

2-Fluorophenol
 Concen: 0.363 ng
 RT: 5.88 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: BE095977.D
 Acq: 11 Apr 2018 18:57

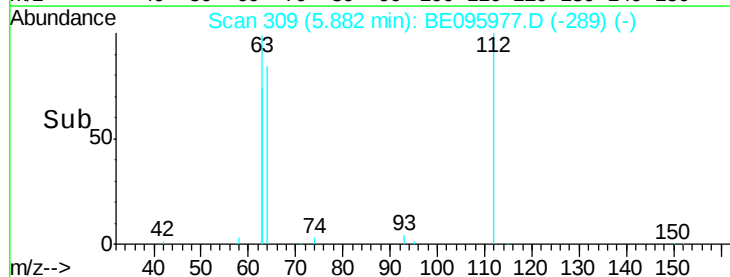
Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	160.1	116.8	175.2



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--> 5.80 5.90 6.00





#5

Phenol-d6

Concen: 0.338 ng

RT: 7.53 min Scan# 477

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampled :

PB108058BL

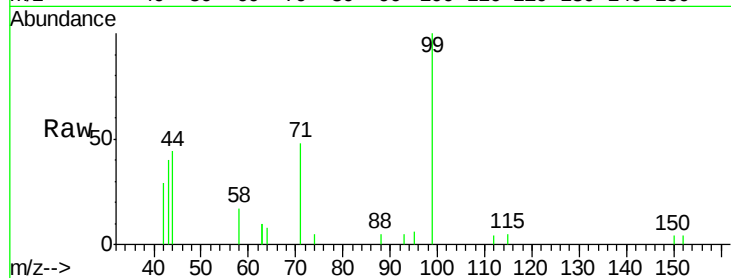
Tot Ion: 99 Resp: 1926

Ion Ratio Lower Upper

99 100

42 23.5 20.2 30.2

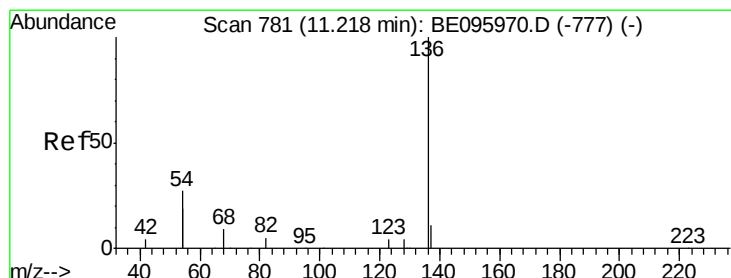
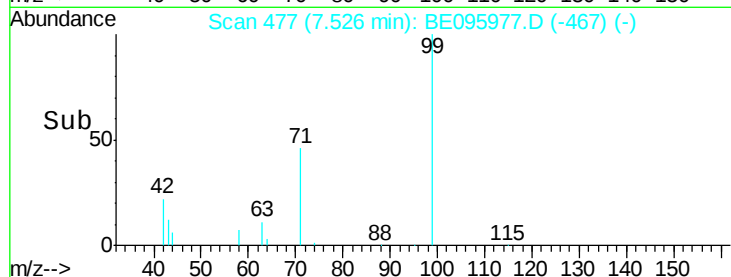
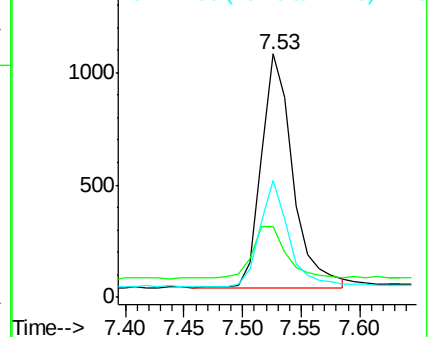
71 42.2 28.4 42.6



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: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Tgt Ion: 136 Resp: 4769

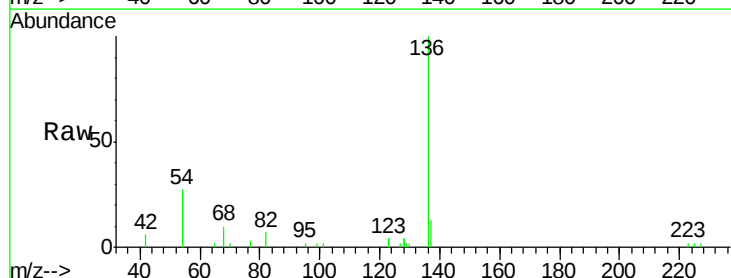
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 54.1 29.1 43.7#

68 9.9 6.2 9.2#

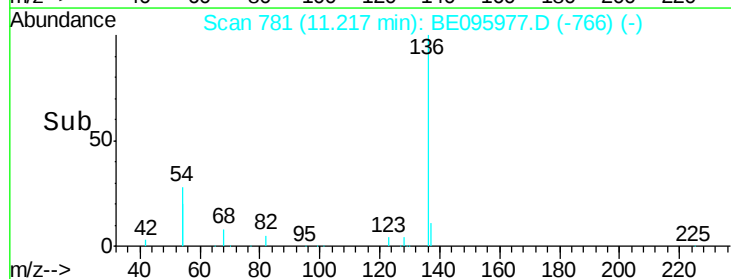
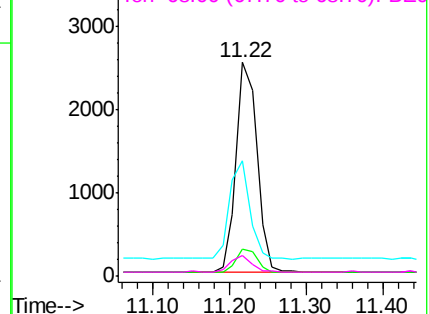


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 9.57 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampleId :

PB108058BL

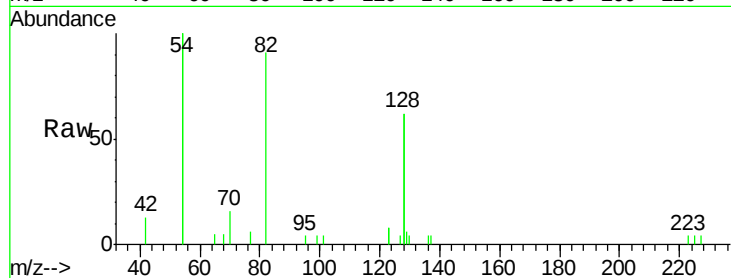
Tot Ion: 82 Resp: 1943

Ion Ratio Lower Upper

82 100

128 137.9 150.0 225.0#

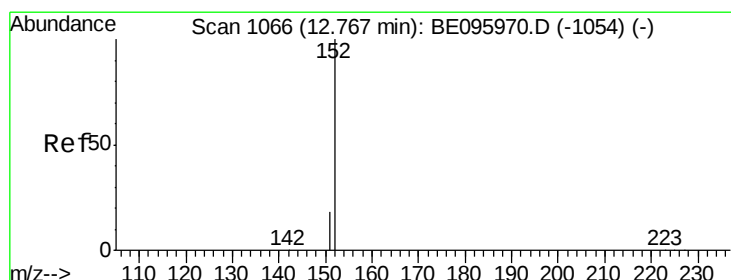
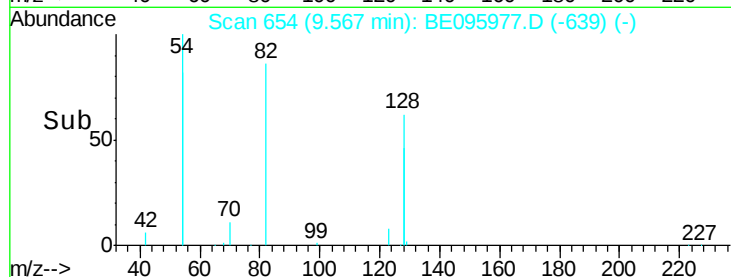
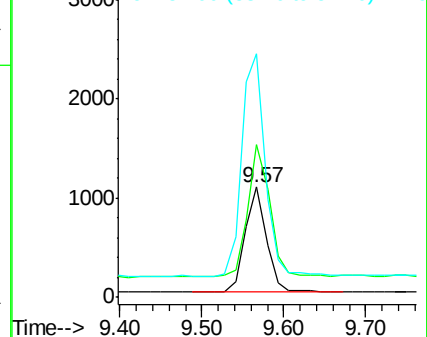
54 220.7 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095977.D (-639) (-)

Ion 128.00 (127.70 to 128.70): BE095977.D (-639) (-)

Ion 54.00 (53.70 to 54.70): BE095977.D (-639) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE095977.D

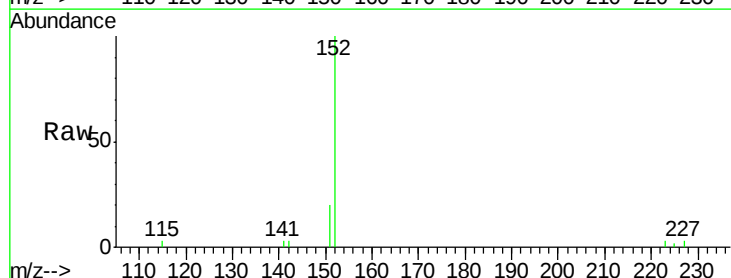
Acq: 11 Apr 2018 18:57

Tgt Ion: 152 Resp: 2709

Ion Ratio Lower Upper

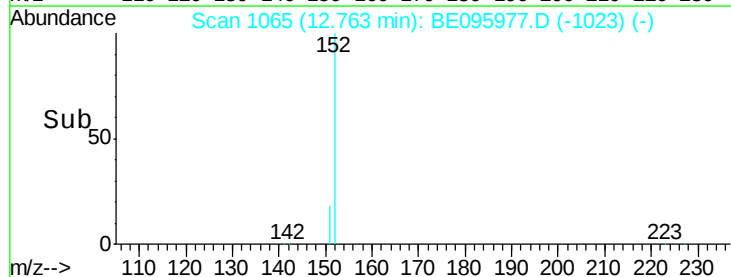
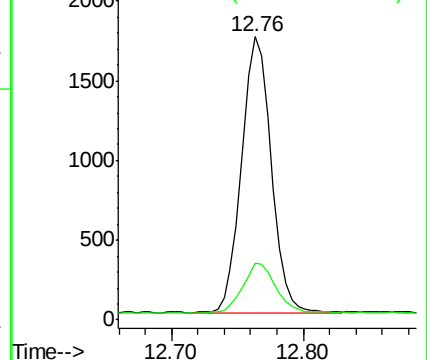
152 100

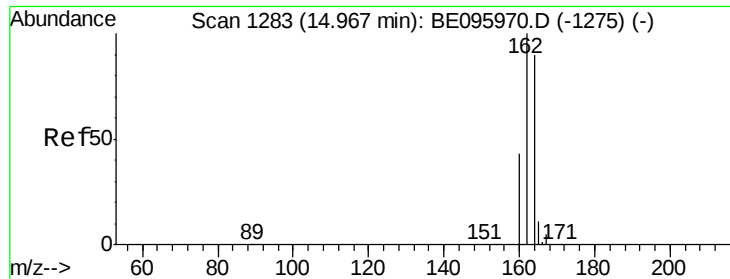
151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095977.D (-1023) (-)

Ion 151.00 (150.70 to 151.70): BE095977.D (-1023) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampleId :

PB108058BL

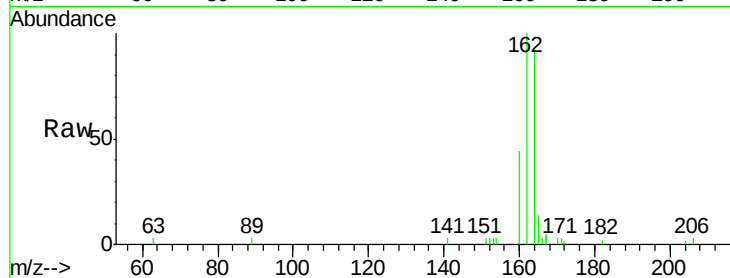
Tot Ion:164 Resp: 2432

Ion Ratio Lower Upper

164 100

162 108.5 83.1 124.7

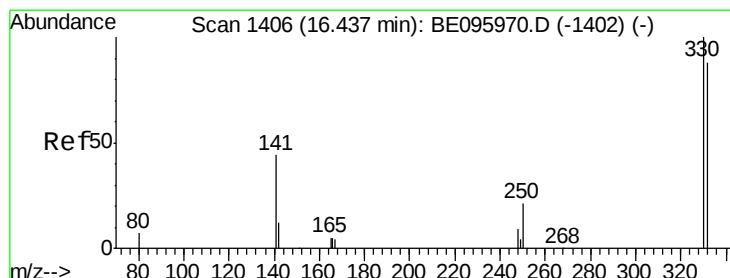
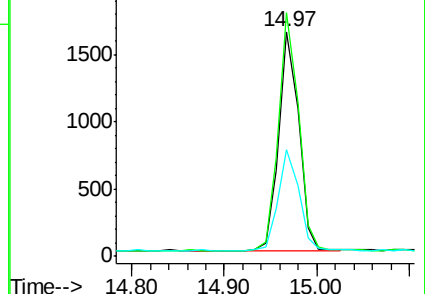
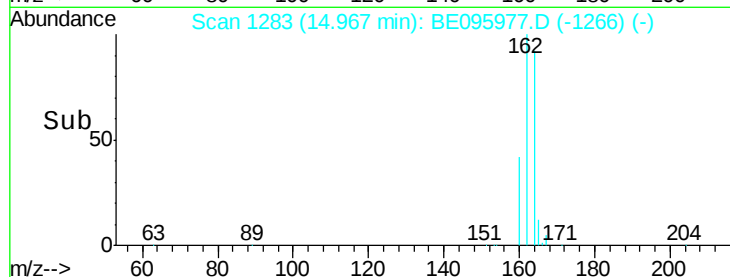
160 47.3 37.1 55.7



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: 0.214 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

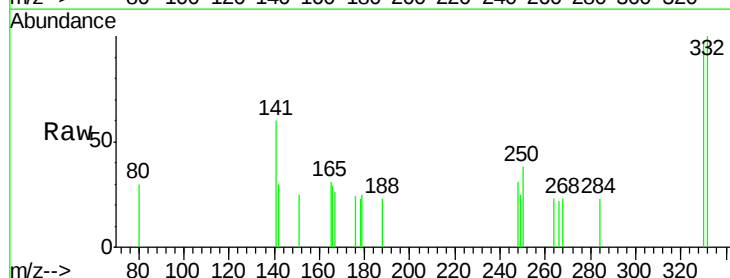
Tgt Ion:330 Resp: 251

Ion Ratio Lower Upper

330 100

332 104.0 152.7 229.1#

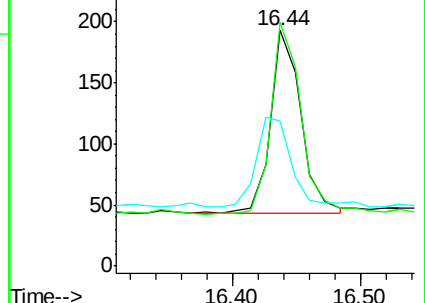
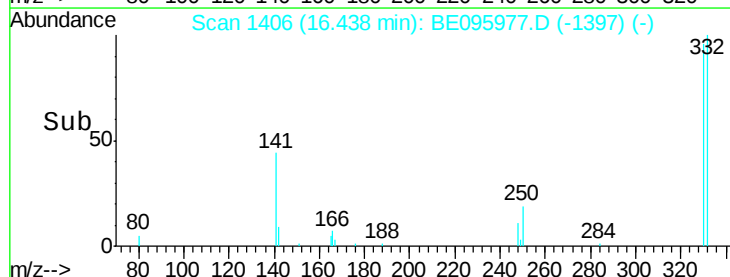
141 55.0 33.7 50.5#

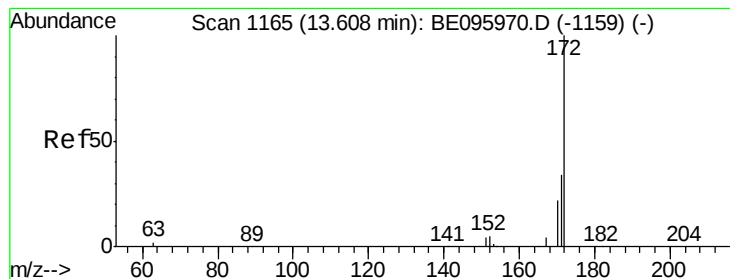


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.371 ng

RT: 13.61 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampleId :

PB108058BL

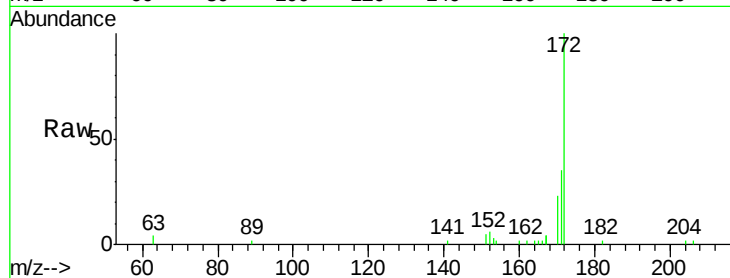
Tot Ion:172 Resp: 3857

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

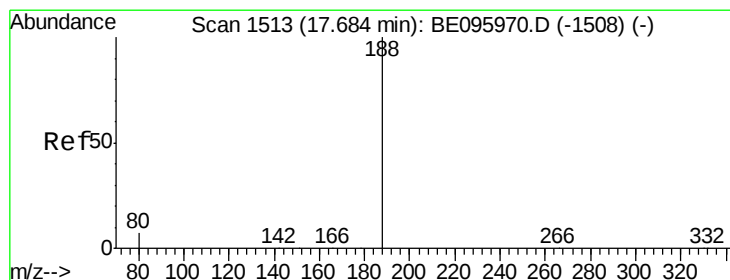
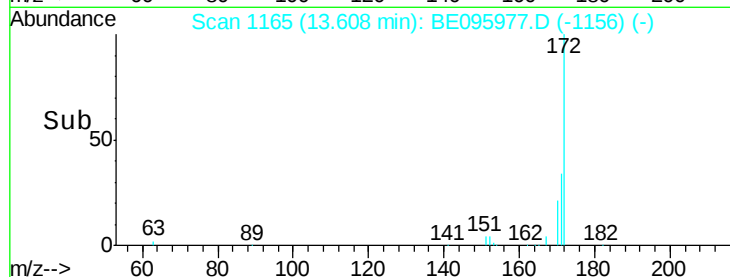
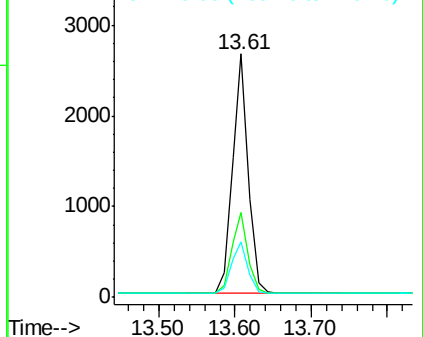
170 22.7 21.8 32.8



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: 0.400 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.01 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

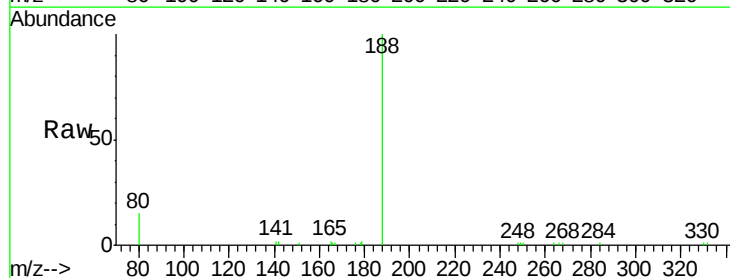
Tgt Ion:188 Resp: 5650

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

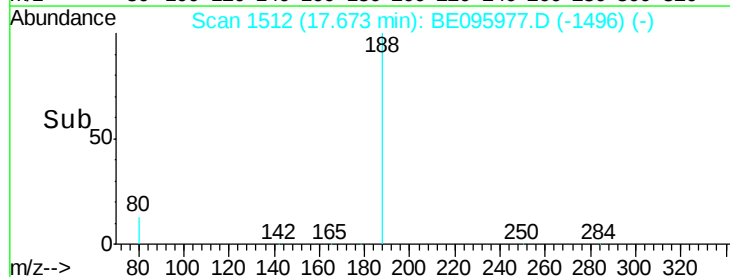
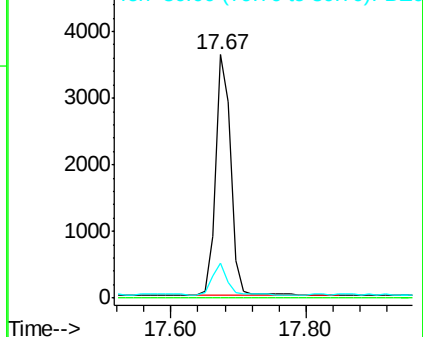
80 14.5 3.6 5.4#

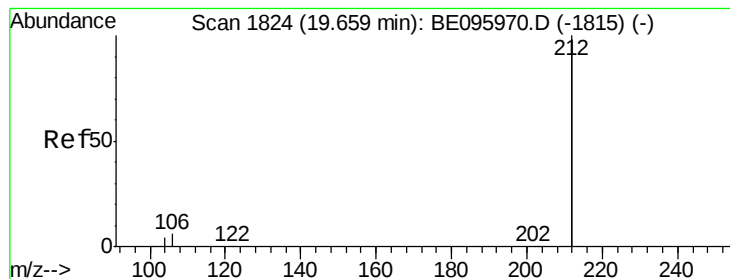


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.66 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampled :

PB108058BL

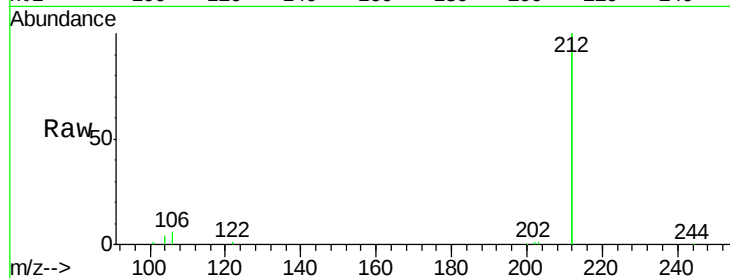
Tot Ion:212 Resp: 27543

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

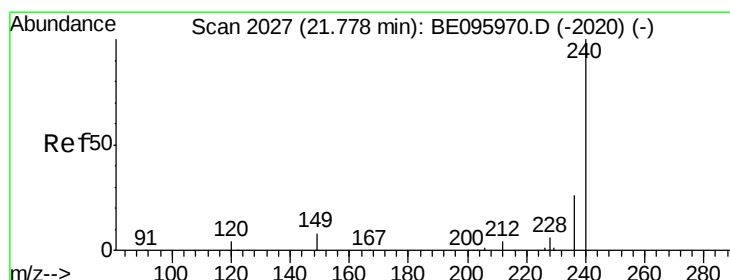
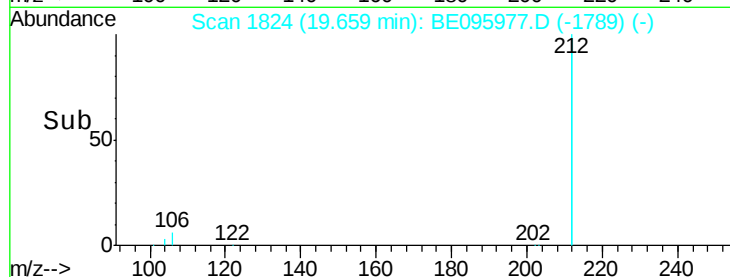
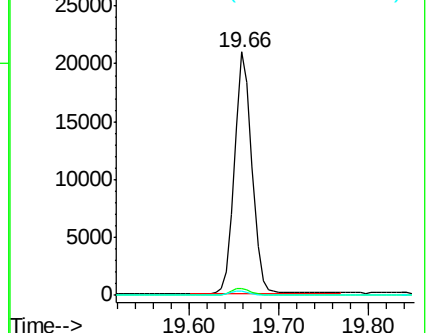
104 1.7 1.6 2.4



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: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

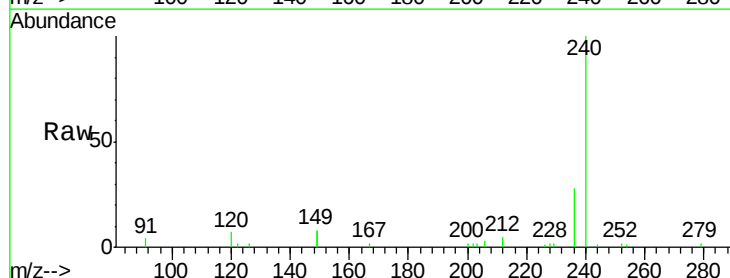
Tgt Ion:240 Resp: 6409

Ion Ratio Lower Upper

240 100

120 6.7 5.5 8.3

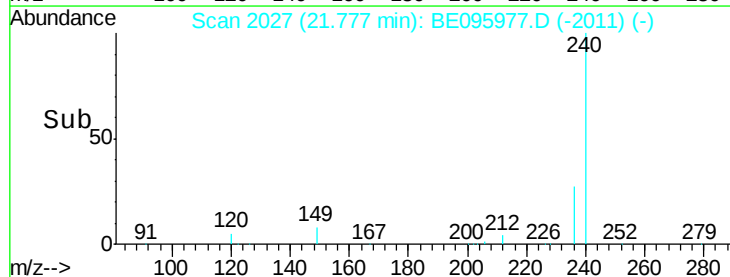
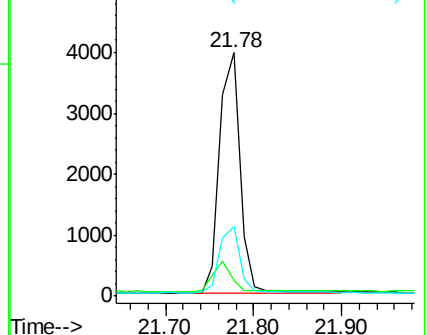
236 28.4 20.7 31.1

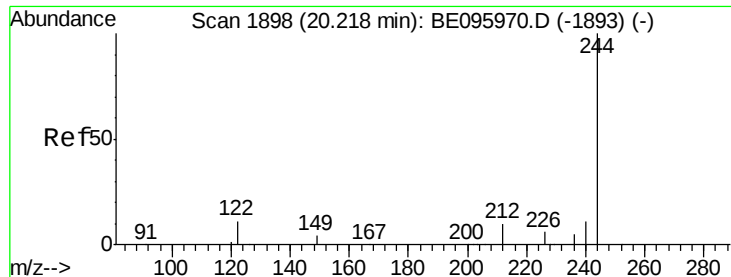


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.340 ng

RT: 20.22 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

Instrument :

BNA_E

ClientSampleId :

PB108058BL

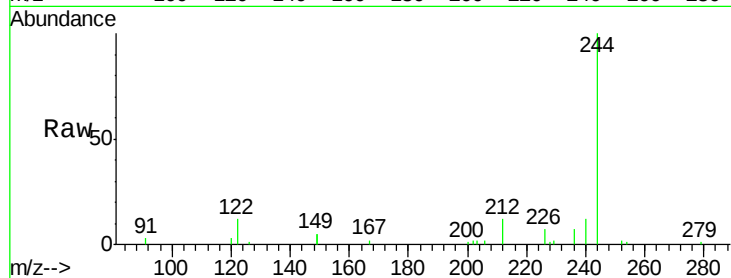
Tot Ion:244 Resp: 4819

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

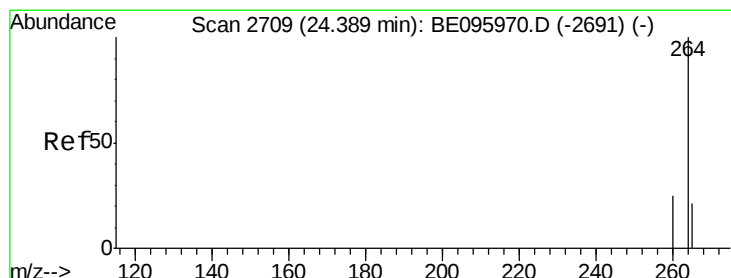
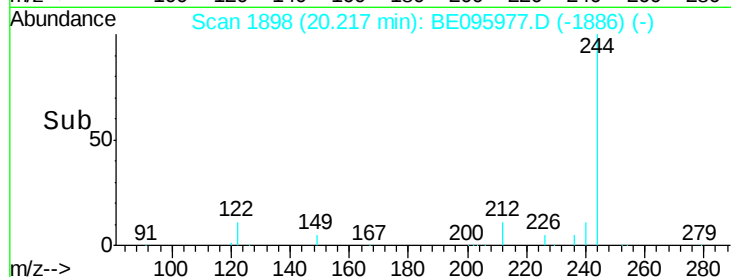
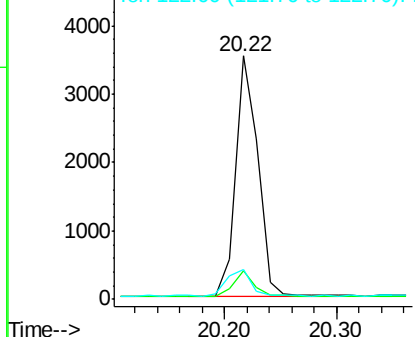
122 12.2 8.1 12.1#



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: 24.39 min Scan# 2708

Delta R.T. -0.00 min

Lab File: BE095977.D

Acq: 11 Apr 2018 18:57

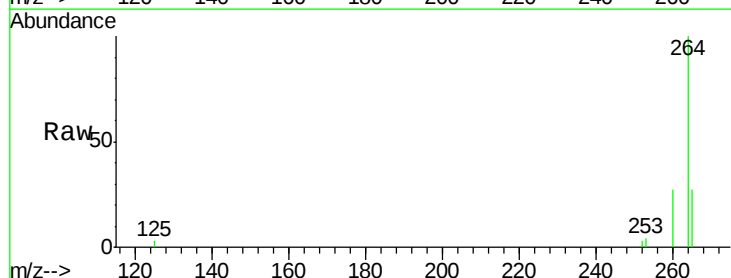
Tgt Ion:264 Resp: 6280

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 26.7 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

