

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098327.D
 Acq On : 11 Dec 2018 10:42
 Operator : SJ/JU
 Sample : PB115420BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115420BL

Quant Time: Dec 11 11:17:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1112	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4665	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2844	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7866	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10372	0.40	ng	0.00
34) Perylene-d12	24.01	264	10331	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	701	0.27	ng	0.01
5) Phenol-d6	7.07	99	751	0.20	ng	0.02
8) Nitrobenzene-d5	9.05	82	871	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1603	0.21	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	205	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2593	0.22	ng	0.02
25) Fluoranthene-d10	19.31	212	26151	0.26	ng	0.00
29) Terphenyl-d14	19.91	244	4729	0.19	ng	0.00

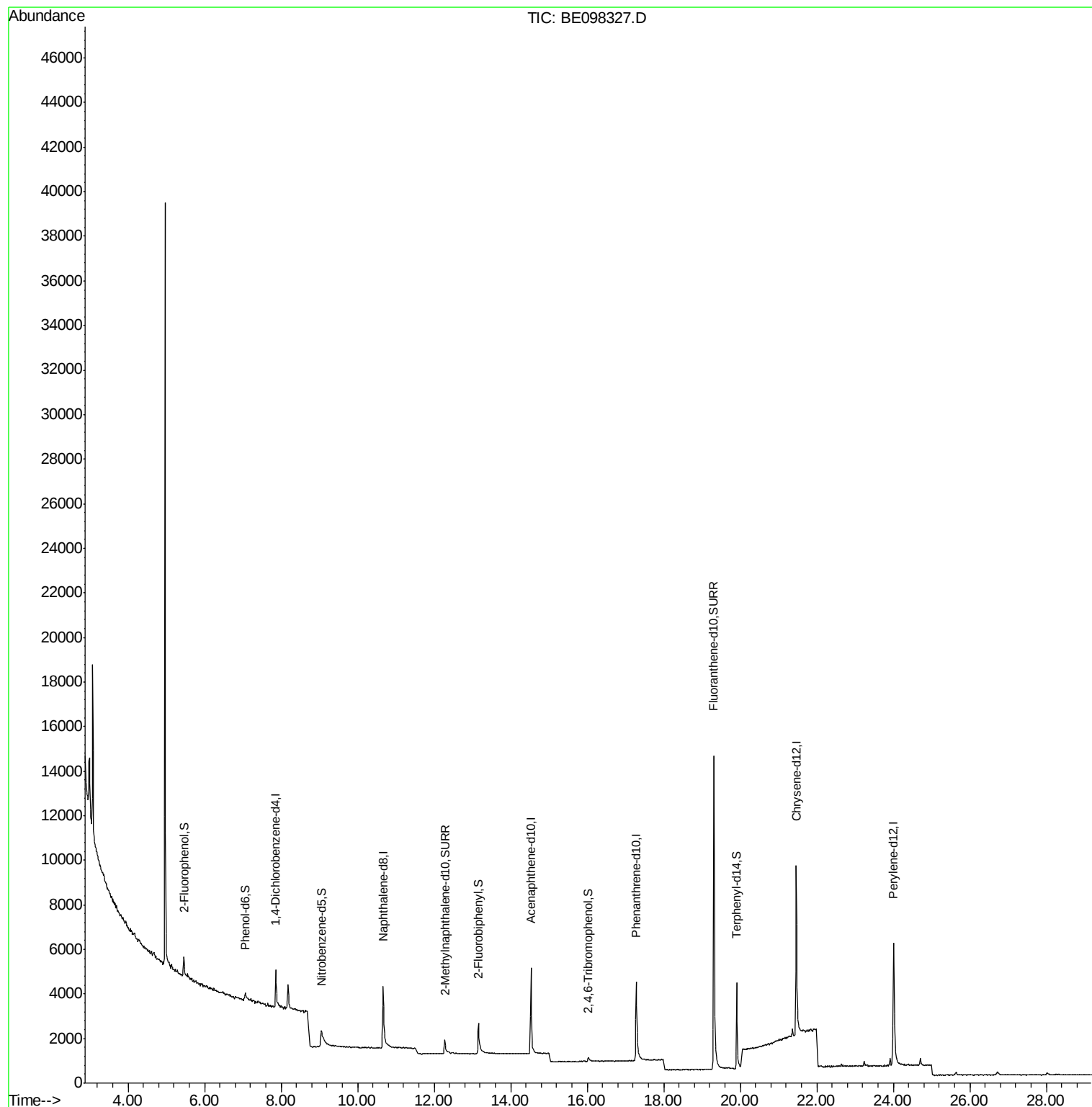
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampleId :

PB115420BL

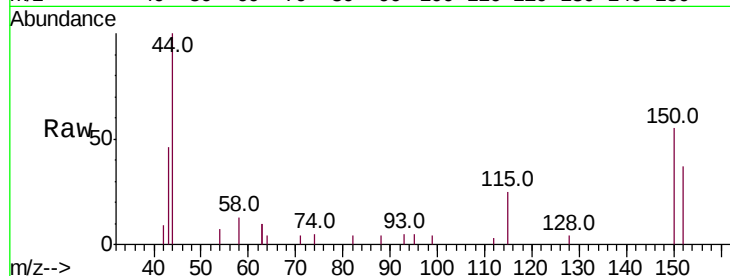
Tot Ion:152 Resp: 1112

Ion Ratio Lower Upper

152 100

150 147.8 124.2 186.4

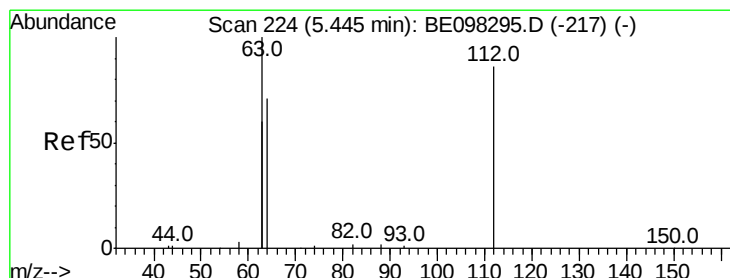
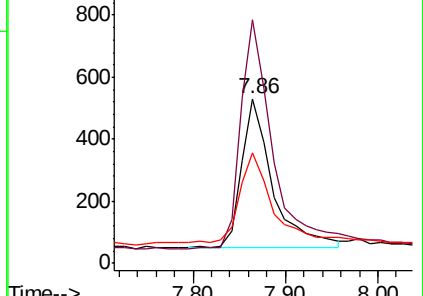
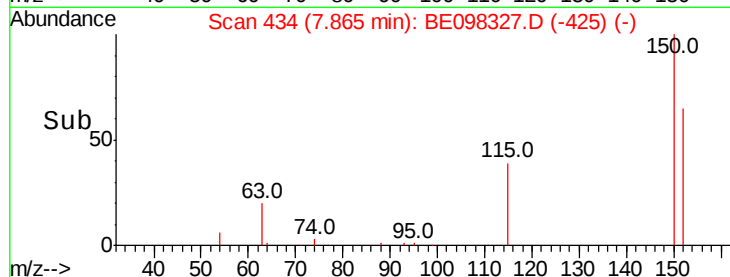
115 67.2 53.9 80.9



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: 0.269 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

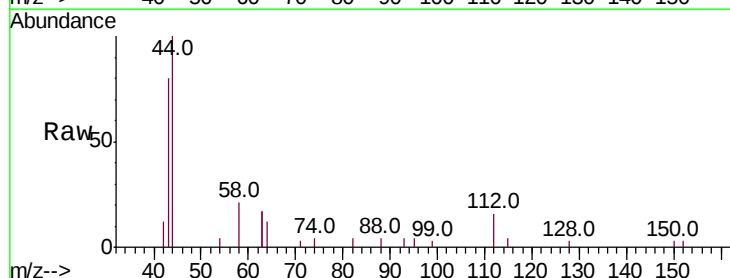
Tgt Ion:112 Resp: 701

Ion Ratio Lower Upper

112 100

64 79.6 59.8 89.8

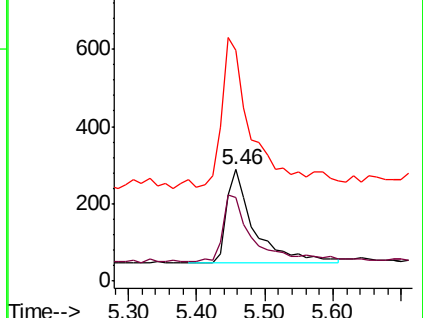
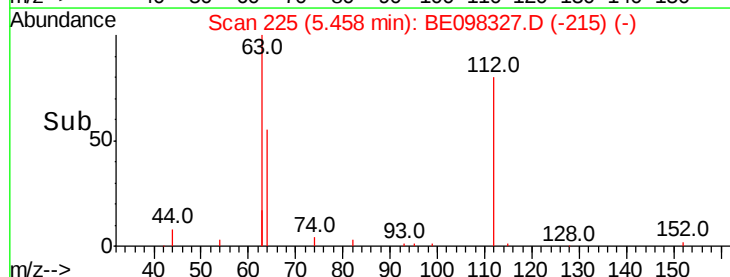
63 164.1 133.7 200.5

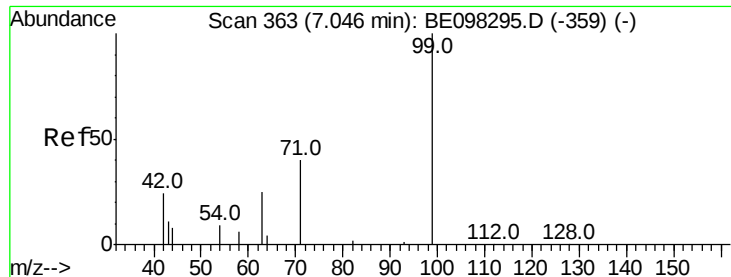


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.204 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampleId :

PB115420BL

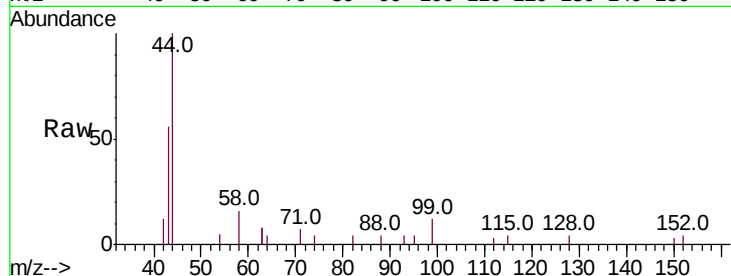
Tot Ion: 99 Resp: 751

Ion Ratio Lower Upper

99 100

42 26.5 26.3 39.5

71 34.4 33.6 50.4



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

7.07

250

200

150

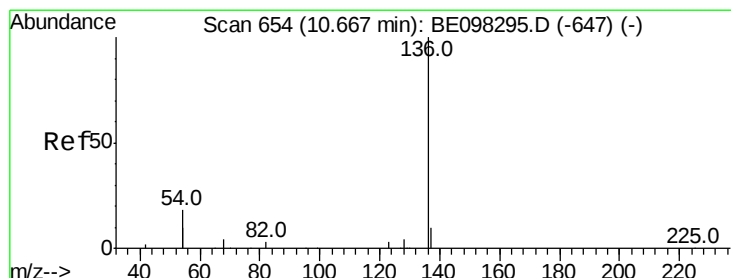
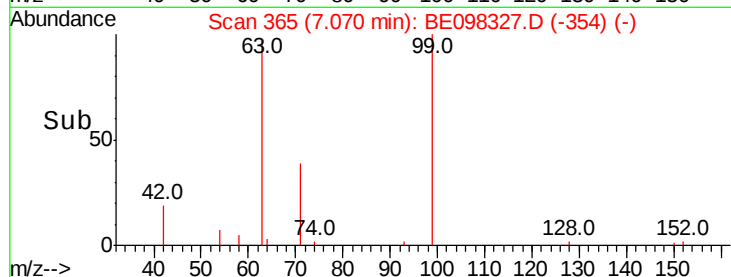
100

50

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Tgt Ion: 136 Resp: 4665

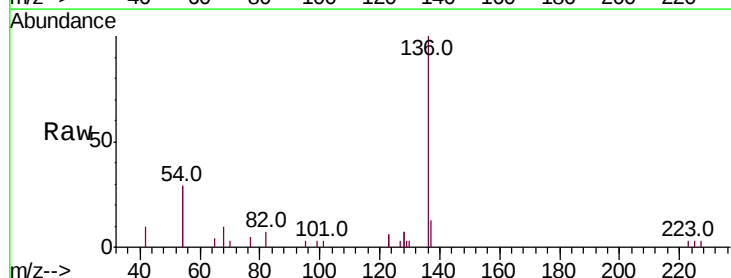
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 57.4 28.4 42.6#

68 10.2 5.4 8.0#



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

10.67

2500

2000

1500

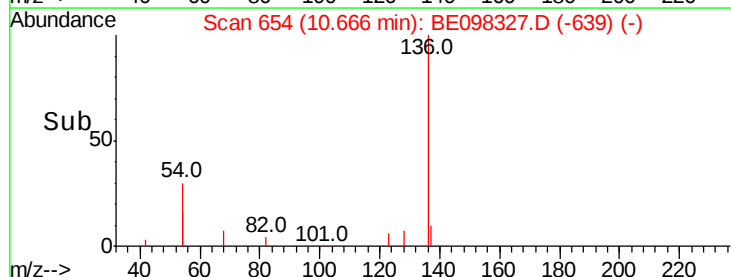
1000

500

0

10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.205 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampleId :

PB115420BL

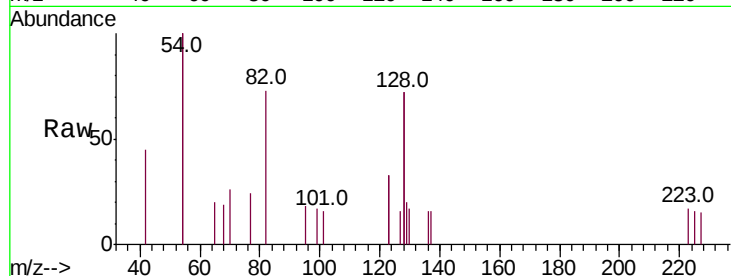
Tot Ion: 82 Resp: 871

Ion Ratio Lower Upper

82 100

128 197.2 102.4 153.6#

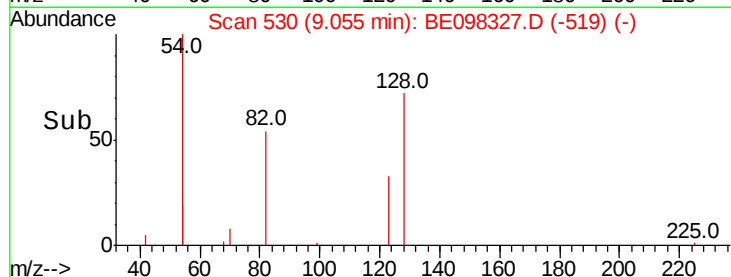
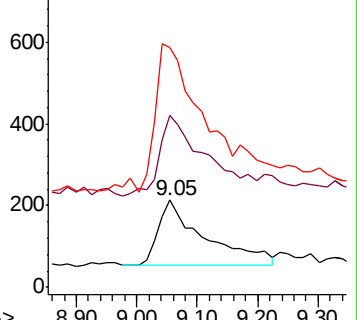
54 275.1 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.211 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.02 min

Lab File: BE098327.D

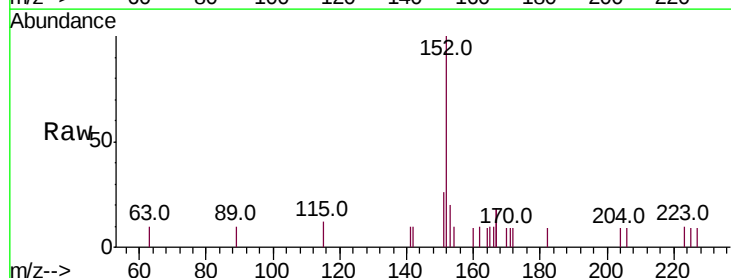
Acq: 11 Dec 2018 10:42

Tgt Ion: 152 Resp: 1603

Ion Ratio Lower Upper

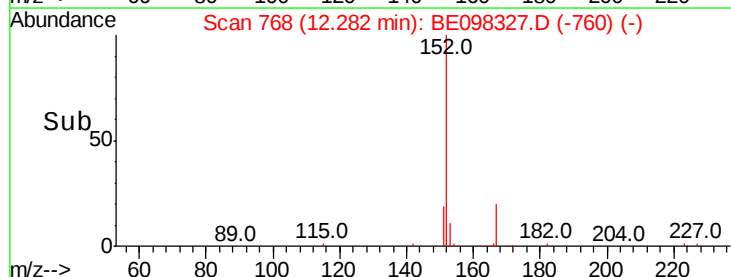
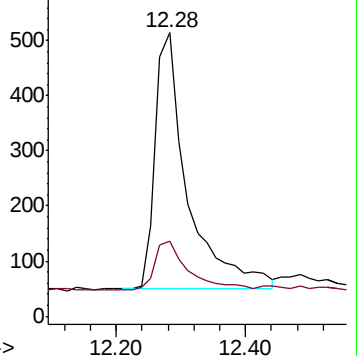
152 100

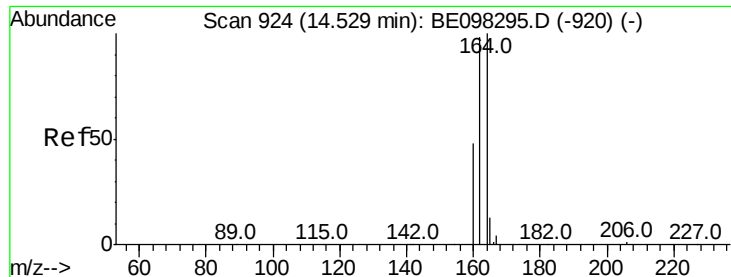
151 19.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

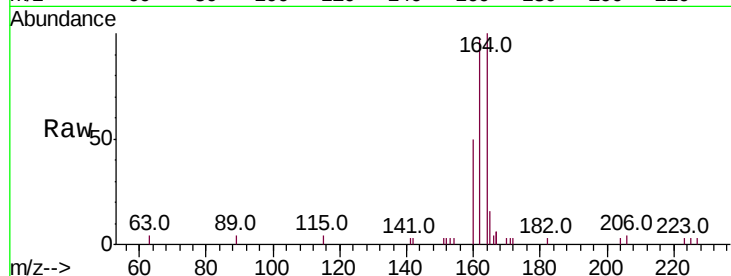




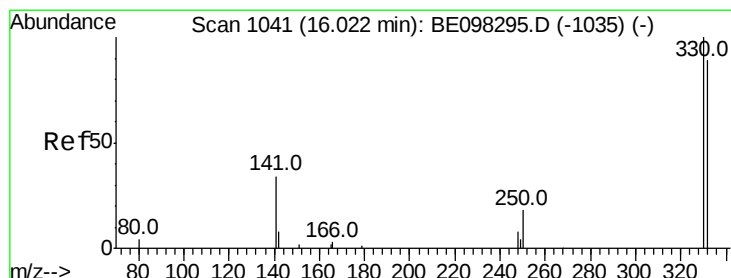
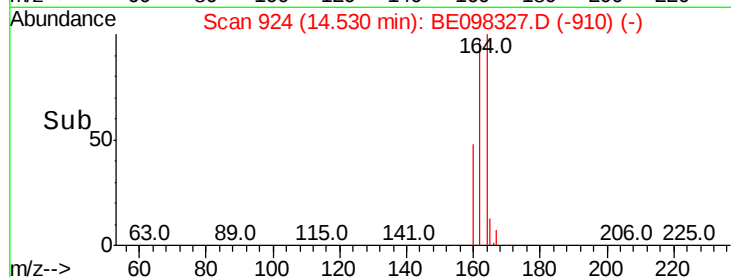
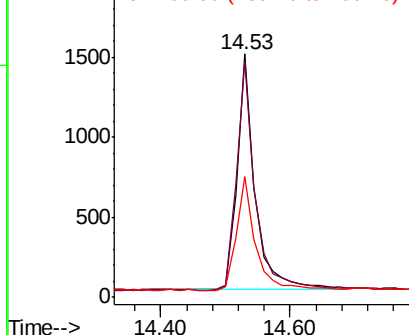
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Instrument :
 BNA_E
 ClientSampleId :
 PB115420BL

Tot Ion:164 Resp: 2844
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.6 116.4
 160 49.6 36.0 54.0

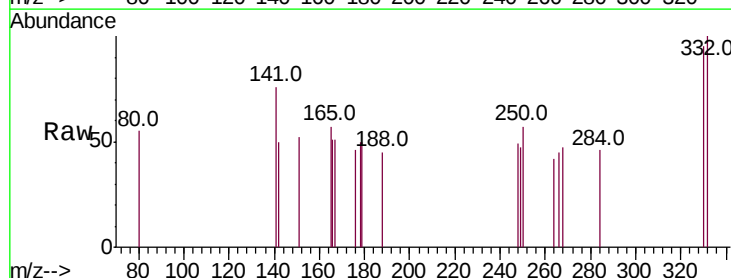


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

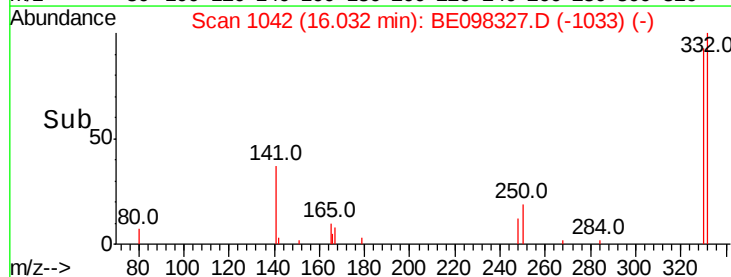
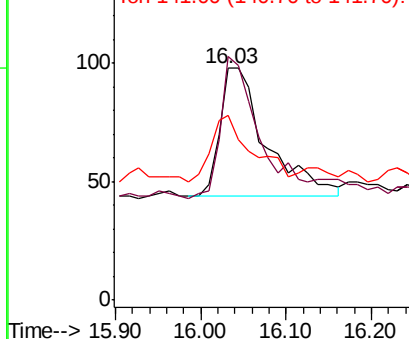


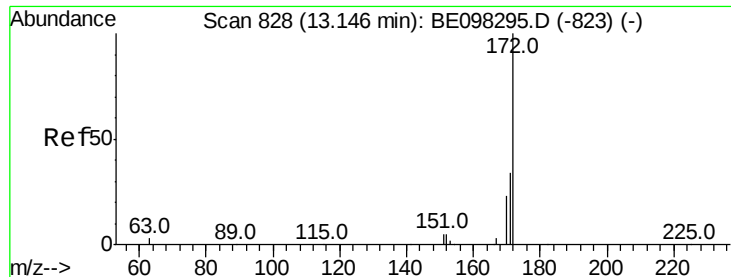
#14
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098327.D
 Acq: 11 Dec 2018 10:42

Tgt Ion:330 Resp: 205
 Ion Ratio Lower Upper
 330 100
 332 92.2 76.2 114.4
 141 46.8 39.0 58.4



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

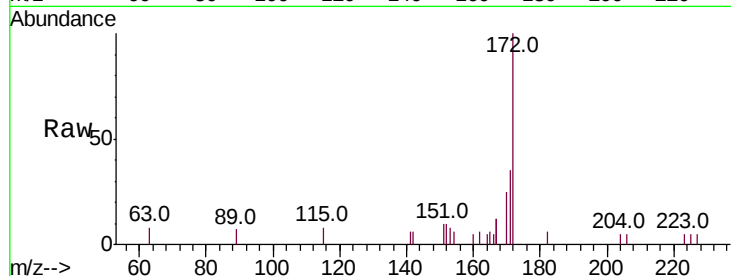




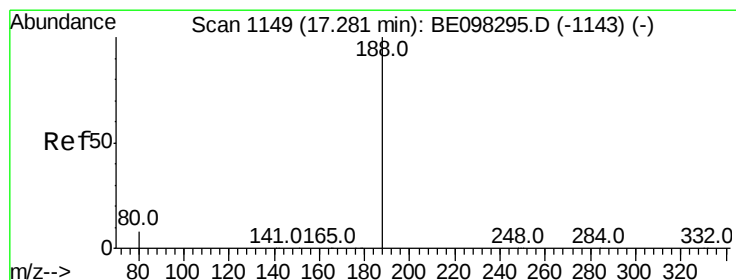
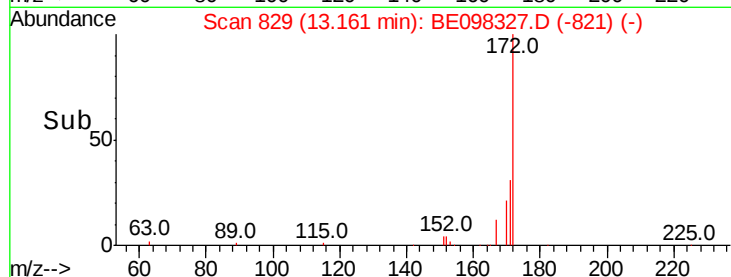
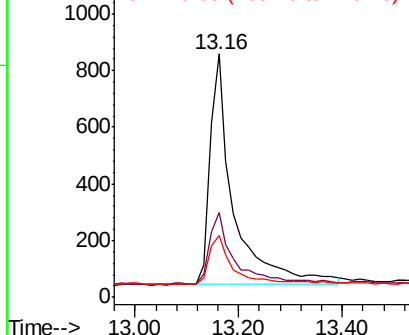
#15
2-Fluorobiphenyl
Concen: 0.216 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.02 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Instrument :
BNA_E
ClientSampleId :
PB115420BL

Tot Ion:172 Resp: 2593
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 25.5 19.6 29.4

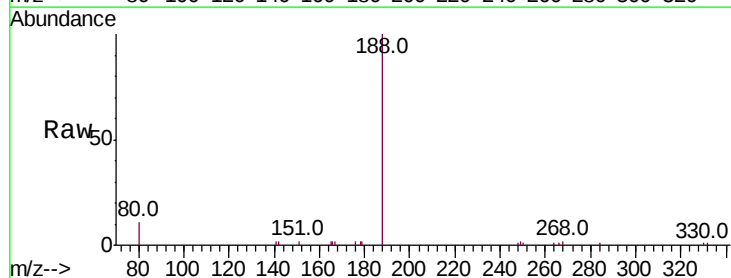


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

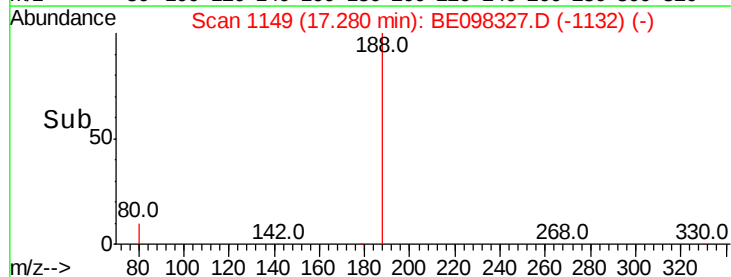
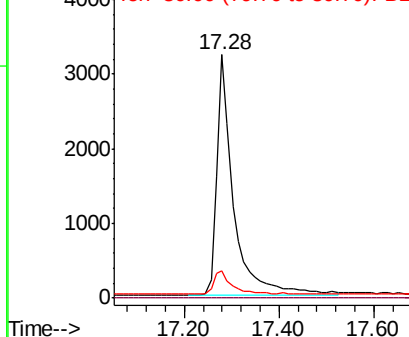


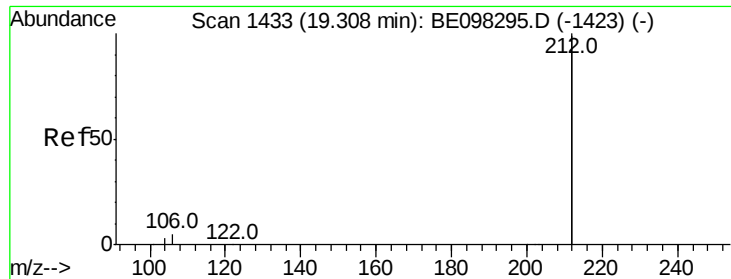
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098327.D
Acq: 11 Dec 2018 10:42

Tgt Ion:188 Resp: 7866
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.2 10.8#



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: 0.259 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

Instrument :

BNA_E

ClientSampleId :

PB115420BL

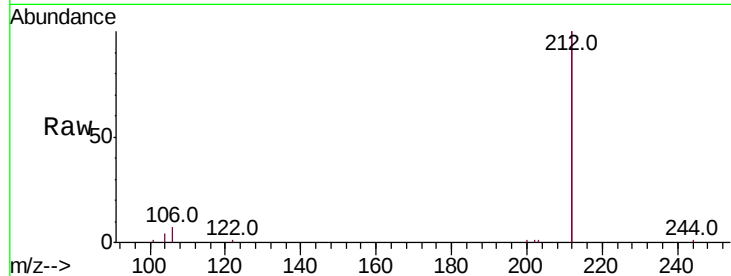
Tot Ion:212 Resp: 26151

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.2

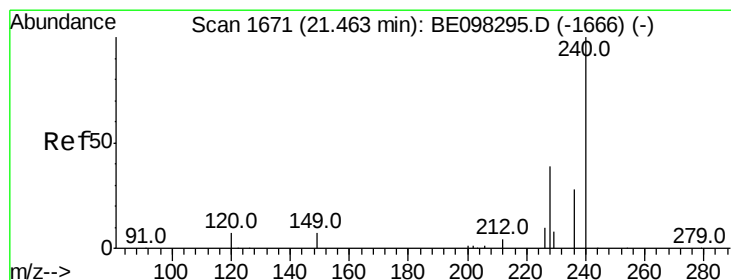
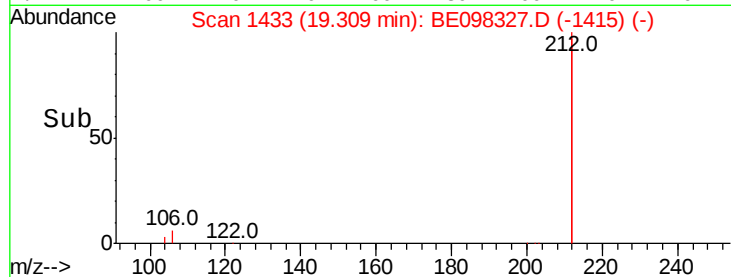
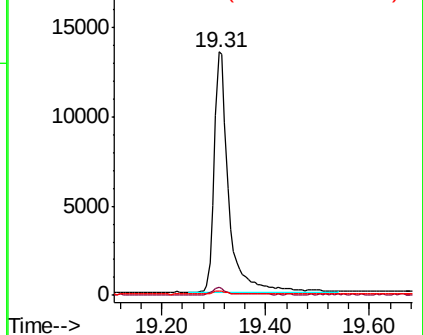
104 1.6 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

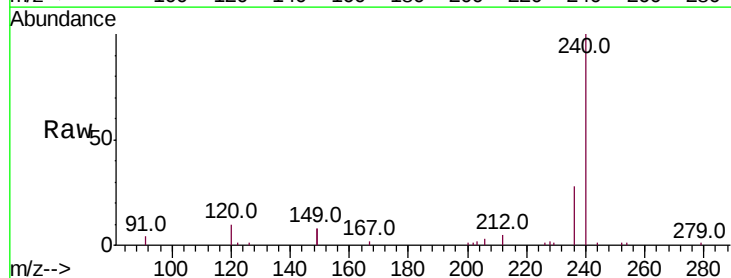
Tgt Ion:240 Resp: 10372

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

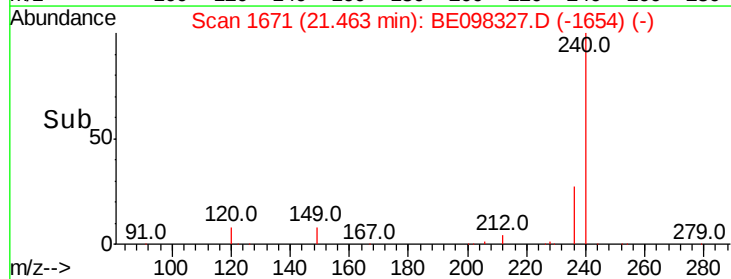
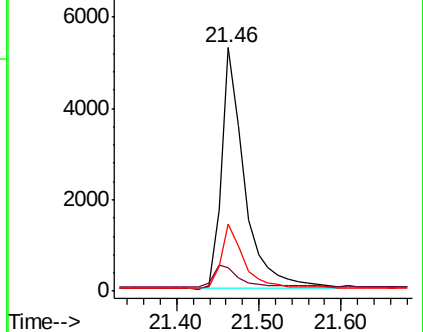
236 27.8 22.7 34.1

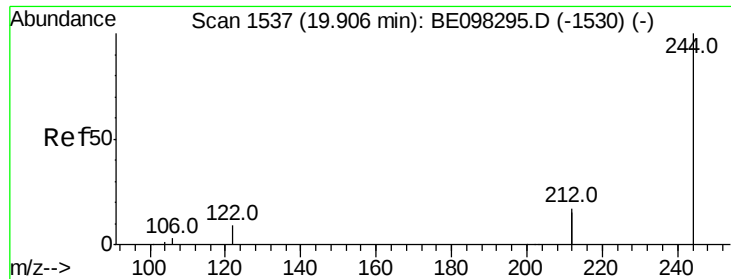


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.188 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

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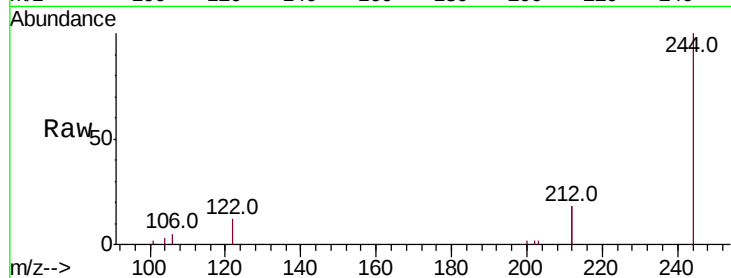
Tot Ion:244 Resp: 4729

Ion Ratio Lower Upper

244 100

212 36.9 27.4 41.0

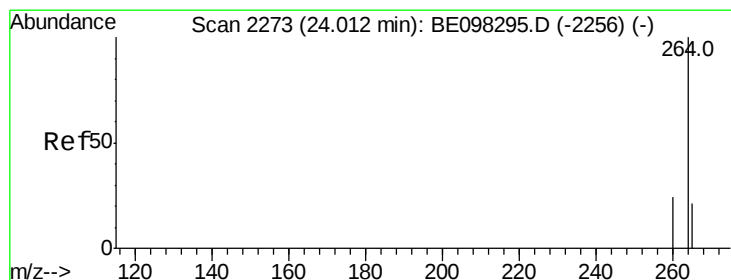
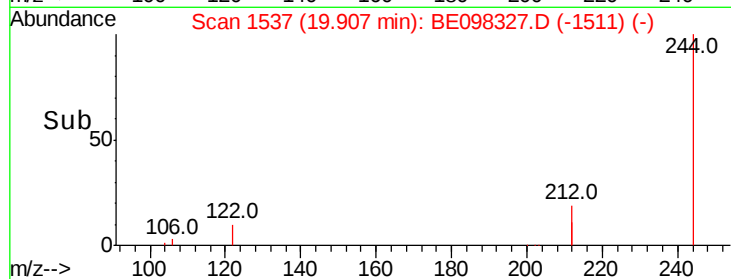
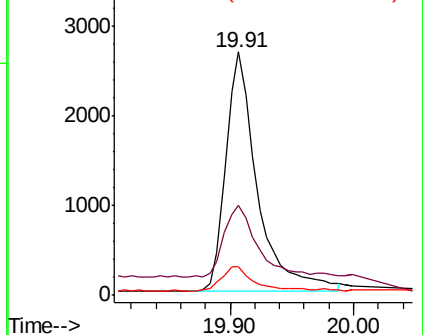
122 11.8 8.3 12.5



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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098327.D

Acq: 11 Dec 2018 10:42

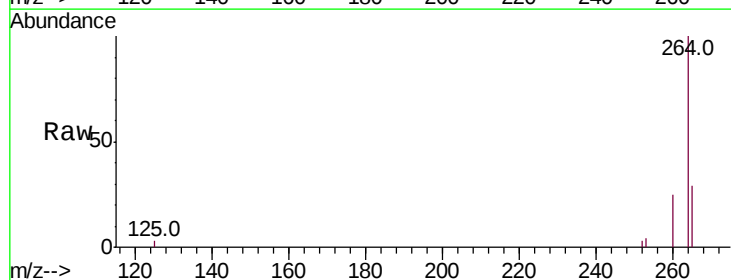
Tgt Ion:264 Resp: 10331

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.2

265 28.7 25.2 37.8



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

