

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098539.D
 Acq On : 20 Dec 2018 15:06
 Operator : SJ/JU
 Sample : PB115587BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115587BL

Quant Time: Dec 21 05:02:44 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	7.84	152	16525	0.40	ng	-0.02
7) Naphthalene-d8	10.64	136	70616	0.40	ng	-0.03
13) Acenaphthene-d10	14.51	164	54893	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	212387	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	506144	0.40	ng	-0.01
34) Perylene-d12	23.98	264	537926	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	106496	2.75	ng	-0.01
5) Phenol-d6	7.01	99	168975	3.08	ng	-0.03
8) Nitrobenzene-d5	9.00	82	103507	1.61	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7	0.00	ng	-0.06
14) 2,4,6-Tribromophenol	16.00	330	84672	4.20	ng	-0.02
15) 2-Fluorobiphenyl	13.13	172	245754	1.06	ng	-0.01
25) Fluoranthene-d10	19.27	212	13	0.00	ng	-0.04
29) Terphenyl-d14	19.89	244	1171745	0.95	ng	-0.01

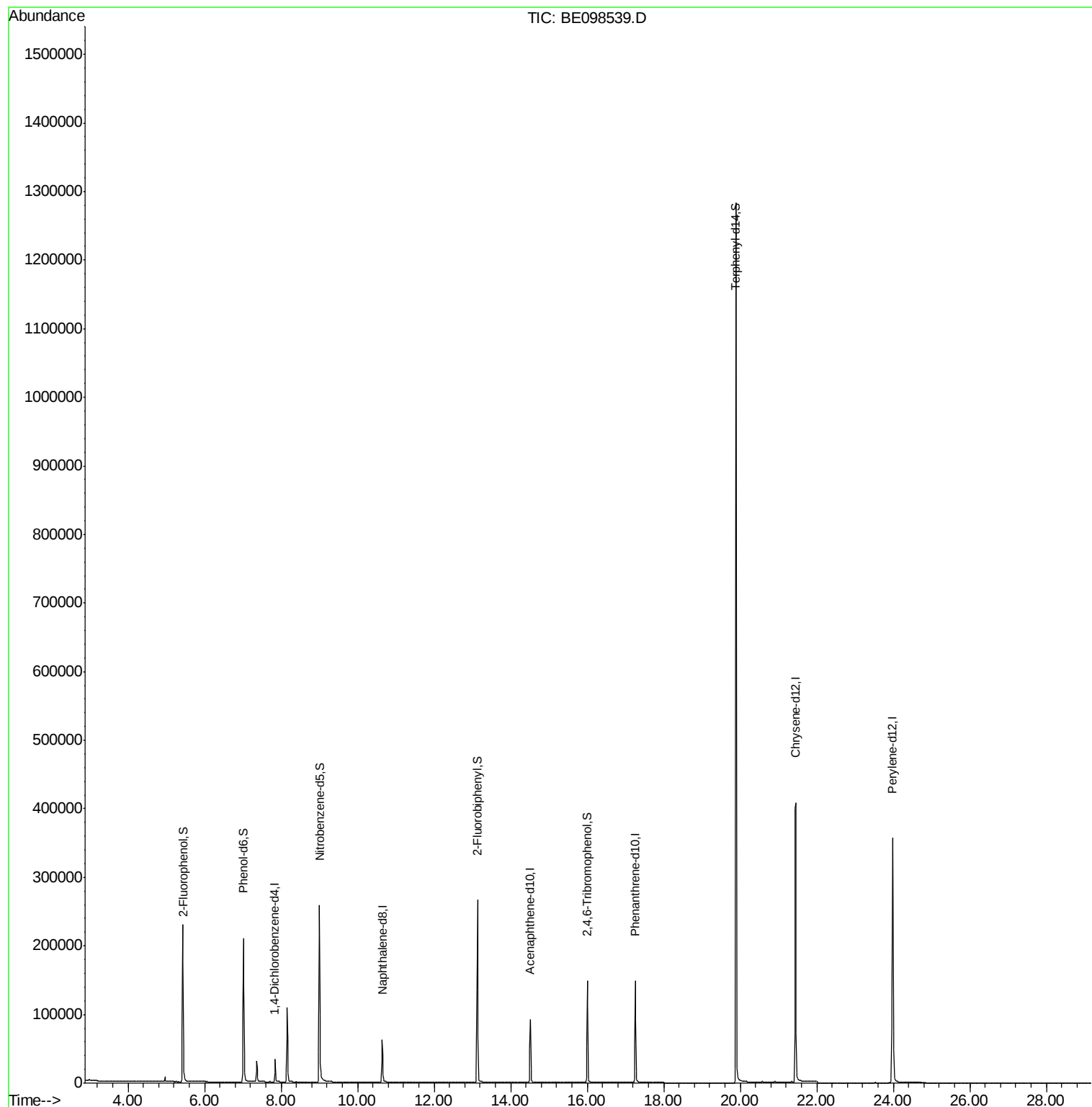
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.02 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

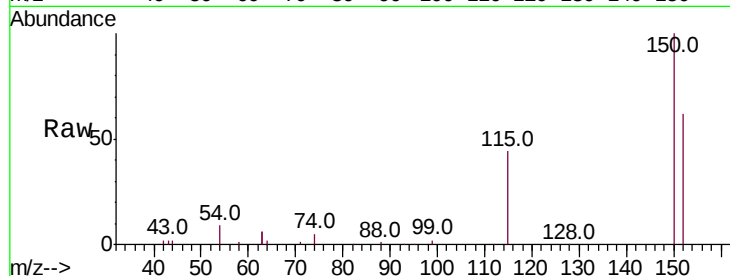
Tot Ion:152 Resp: 16525

Ion Ratio Lower Upper

152 100

150 160.7 124.2 186.4

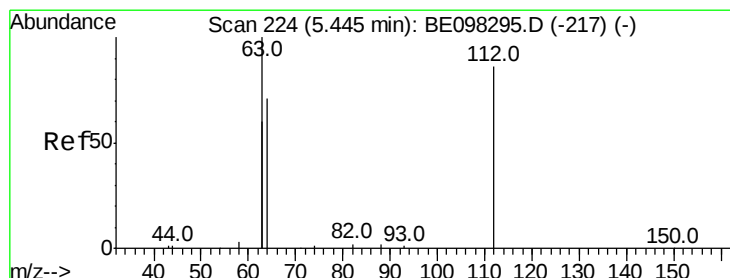
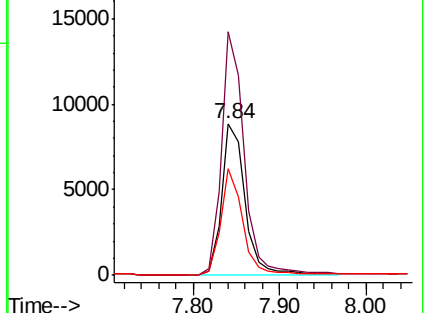
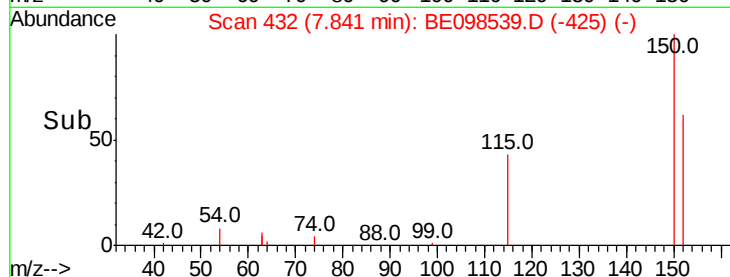
115 70.0 53.9 80.9



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: 2.754 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

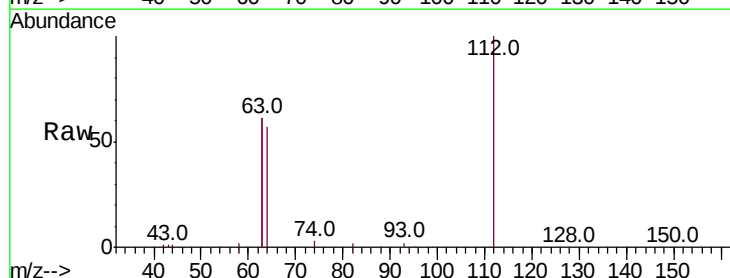
Tgt Ion:112 Resp: 106496

Ion Ratio Lower Upper

112 100

64 77.7 59.8 89.8

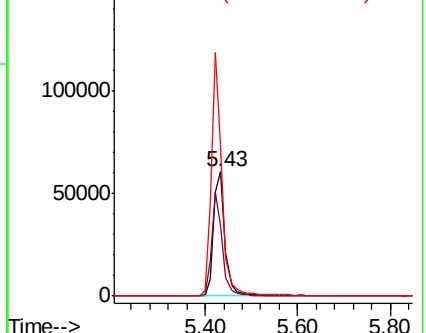
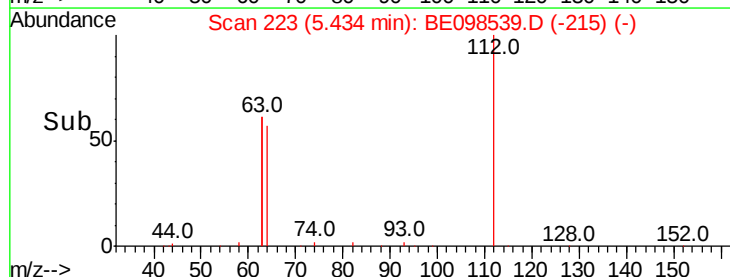
63 179.2 133.7 200.5

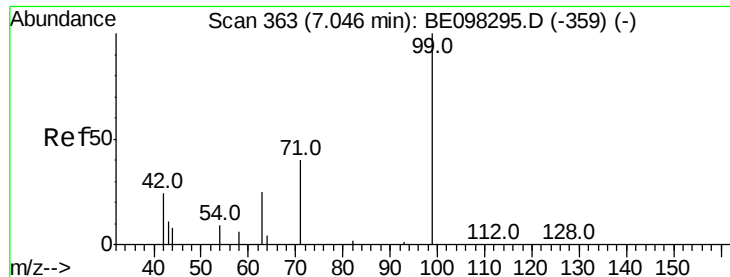


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.085 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

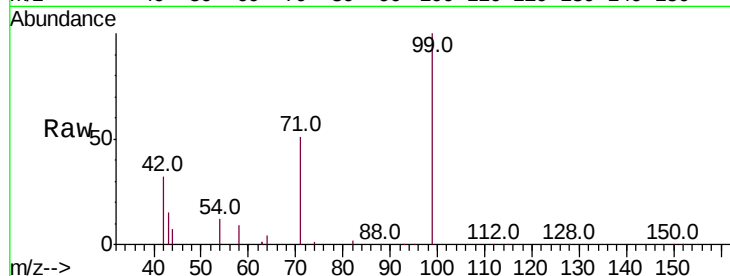
Tot Ion: 99 Resp: 168975

Ion Ratio Lower Upper

99 100

42 30.4 26.3 39.5

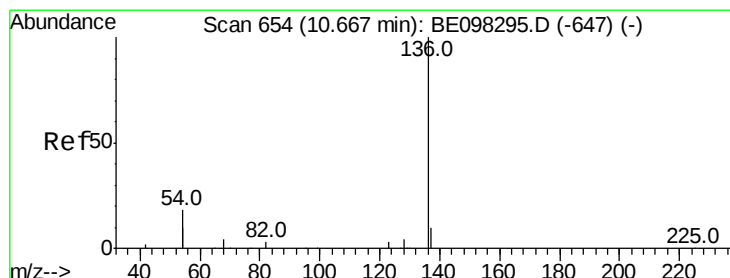
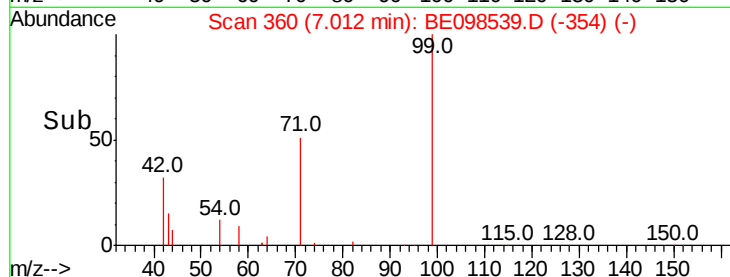
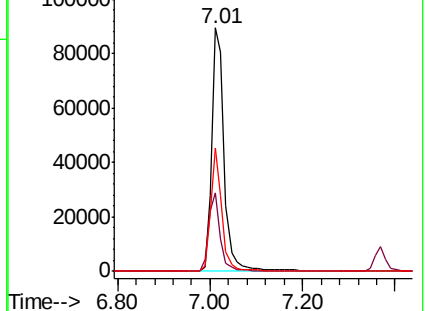
71 45.6 33.6 50.4



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

Naphthalene-d8

Concen: 0.400 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Tgt Ion: 136 Resp: 70616

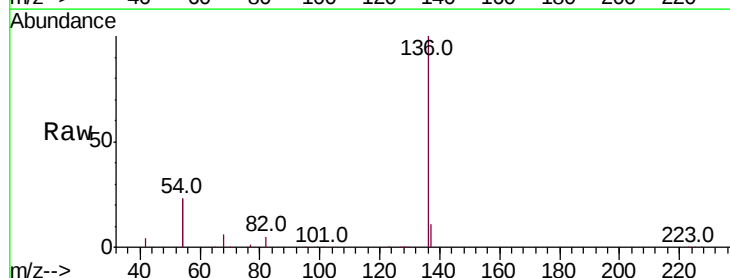
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 45.5 28.4 42.6#

68 6.4 5.4 8.0

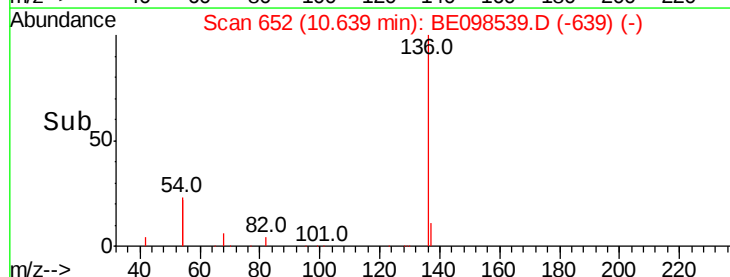
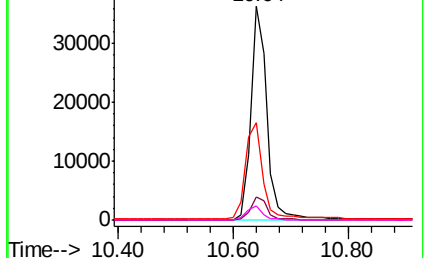


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 1.610 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

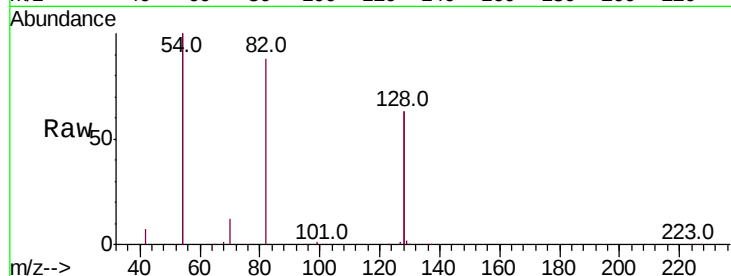
Tot Ion: 82 Resp: 103507

Ion Ratio Lower Upper

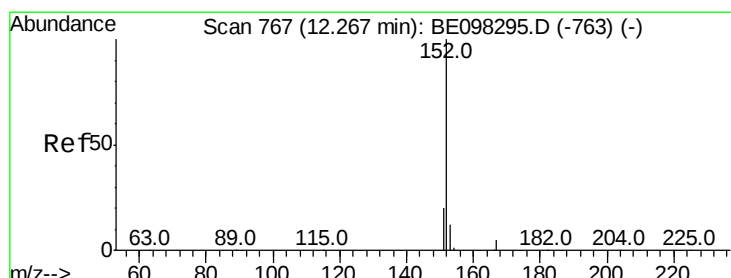
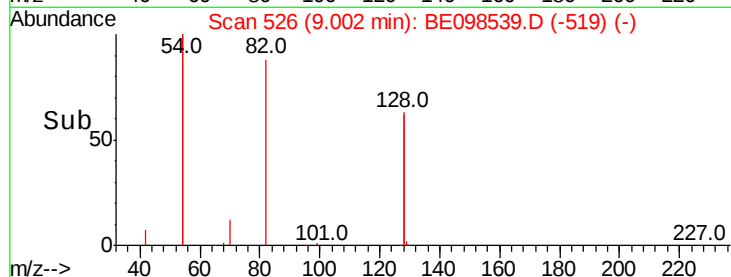
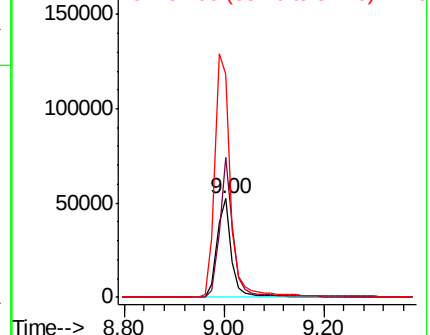
82 100

128 141.5 102.4 153.6

54 226.0 221.8 332.8



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: 0.000 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.06 min

Lab File: BE098539.D

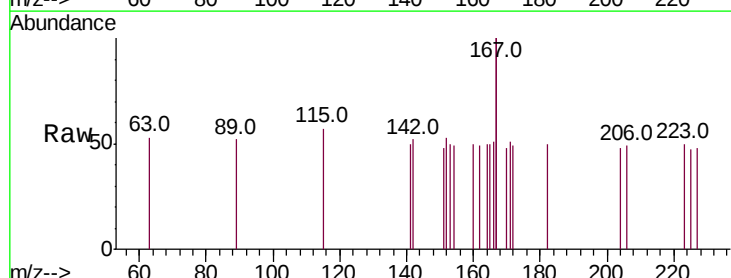
Acq: 20 Dec 2018 15:06

Tgt Ion: 152 Resp: 7

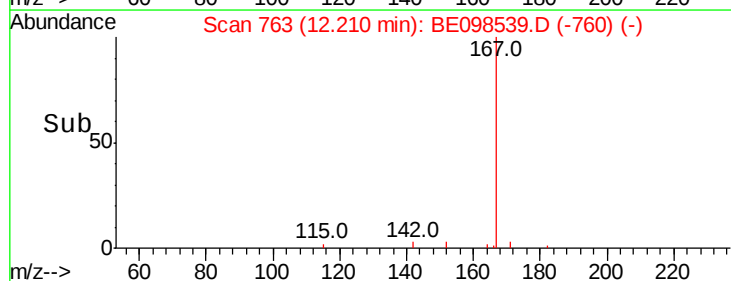
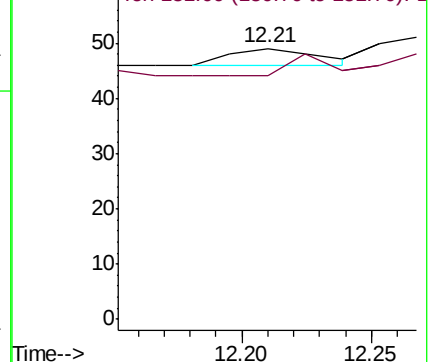
Ion Ratio Lower Upper

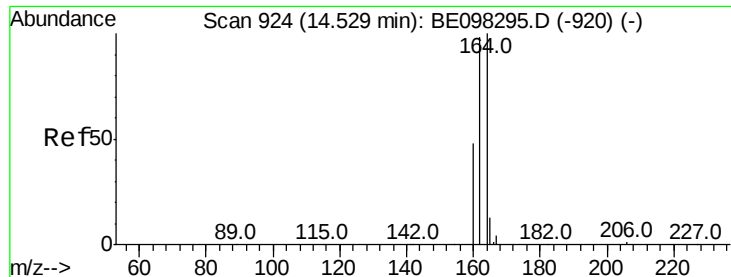
152 100

151 57.1 16.2 24.4#



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

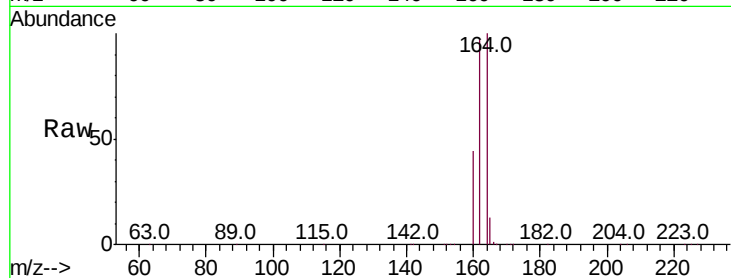




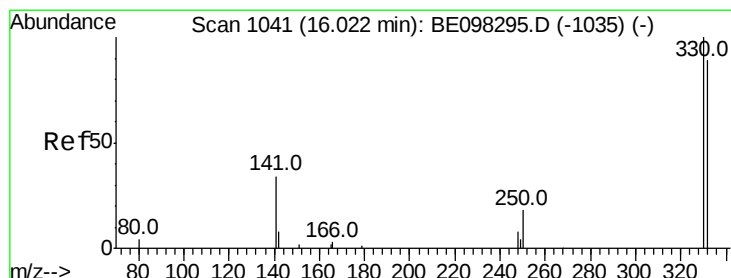
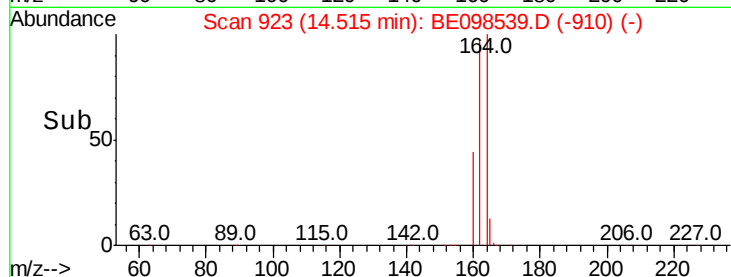
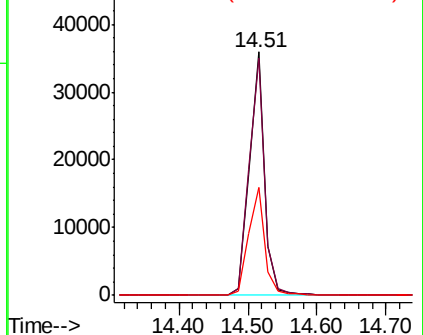
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098539.D
 Acq: 20 Dec 2018 15:06

Instrument :
 BNA_E
 ClientSampleId :
 PB115587BL

Tot Ion:164 Resp: 54893
 Ion Ratio Lower Upper
 164 100
 162 97.3 77.6 116.4
 160 44.1 36.0 54.0

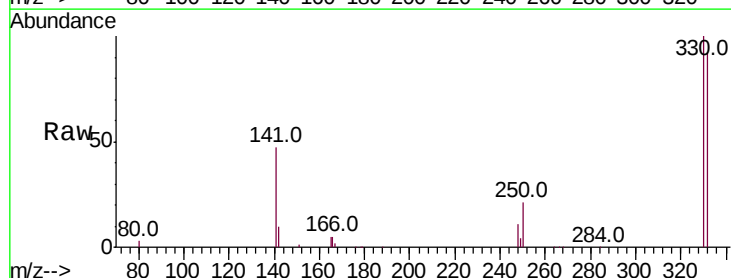


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

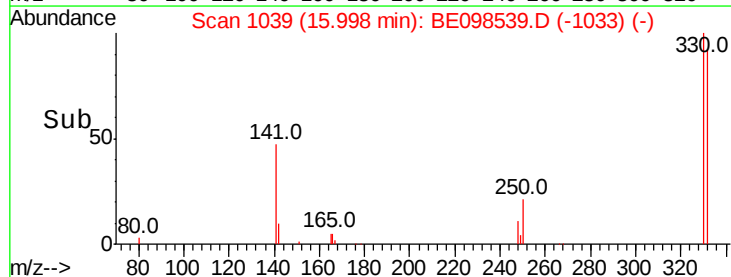
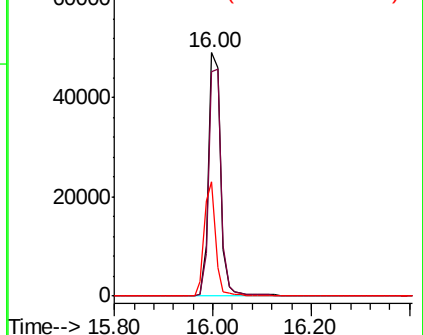


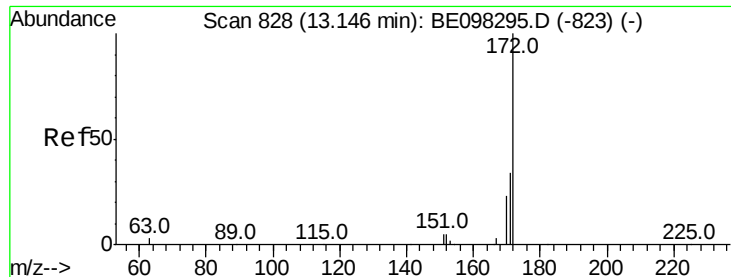
#14
 2,4,6-Tribromophenol
 Concen: 4.201 ng
 RT: 16.00 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BE098539.D
 Acq: 20 Dec 2018 15:06

Tgt Ion:330 Resp: 84672
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 44.3 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

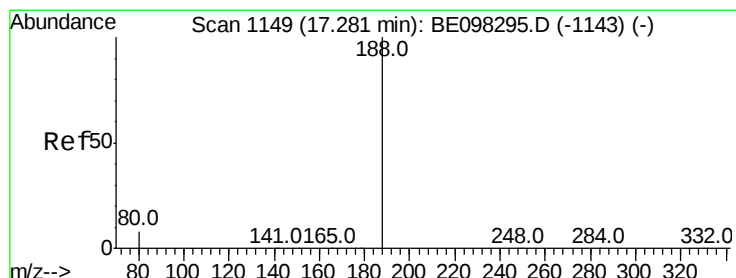
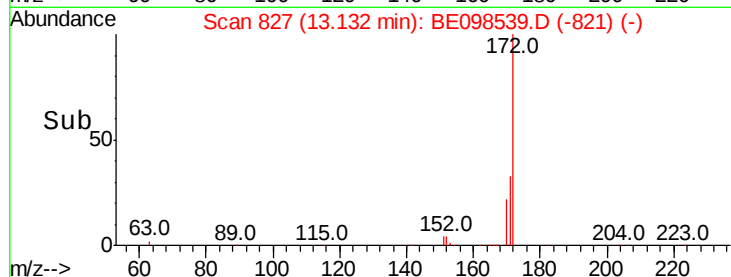
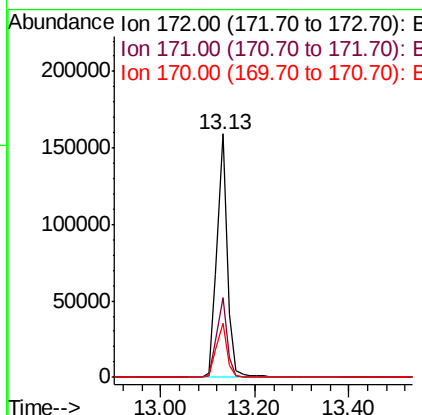
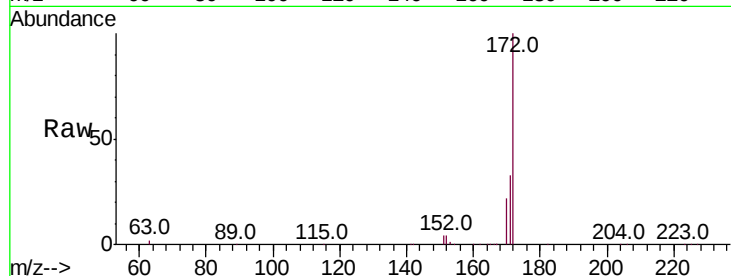




#15
2-Fluorobiphenyl
Concen: 1.061 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098539.D
Acq: 20 Dec 2018 15:06

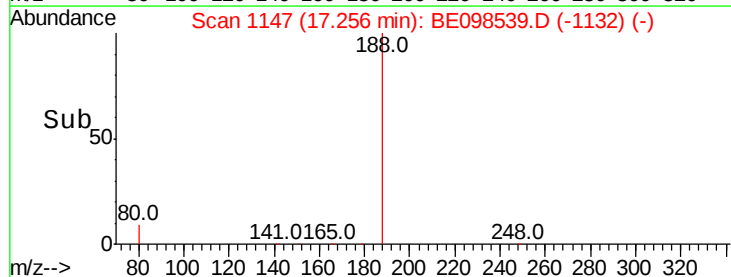
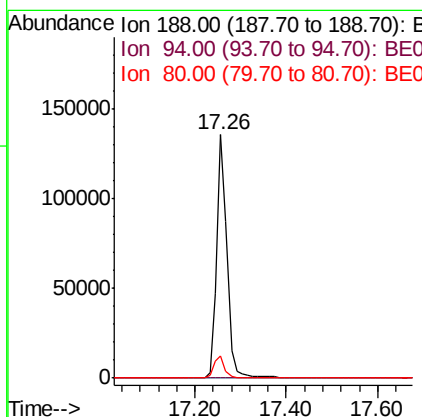
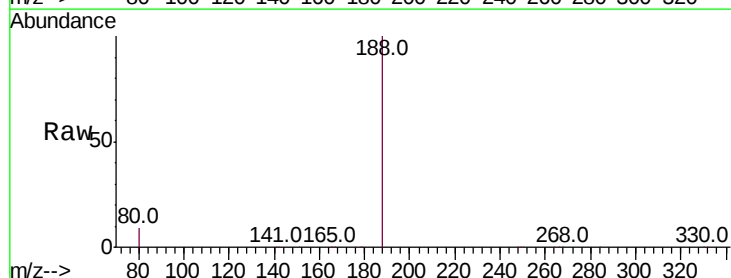
Instrument :
BNA_E
ClientSampleId :
PB115587BL

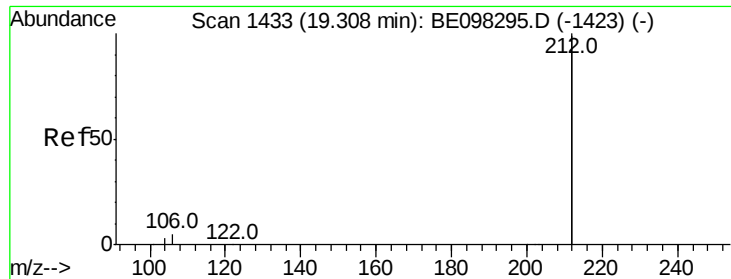
Tot Ion:172 Resp: 245754
Ion Ratio Lower Upper
172 100
171 32.9 27.5 41.3
170 22.2 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098539.D
Acq: 20 Dec 2018 15:06

Tgt Ion:188 Resp: 212387
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 7.2 10.8





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.27 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

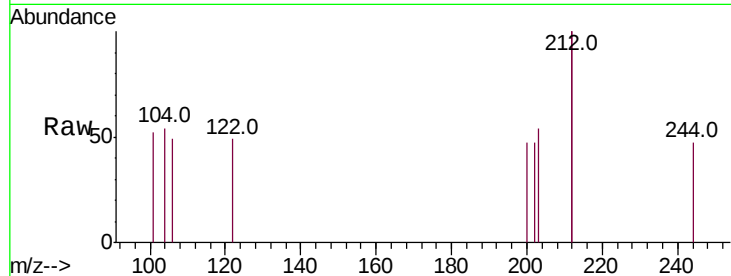
Tot Ion:212 Resp: 13

Ion Ratio Lower Upper

212 100

106 53.8 2.2 3.2#

104 53.8 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

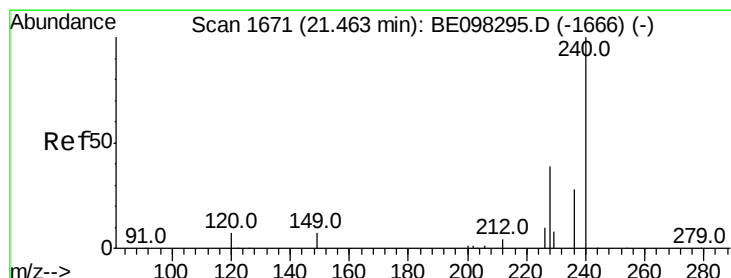
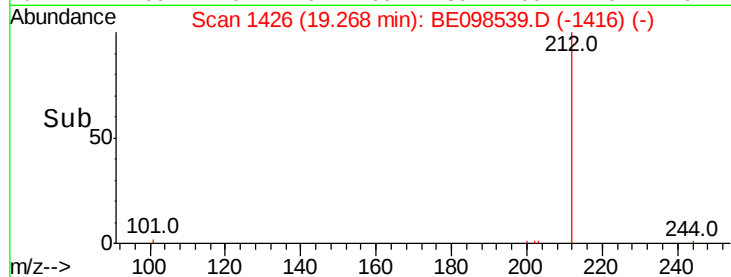
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

19.27

19.26 19.28

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

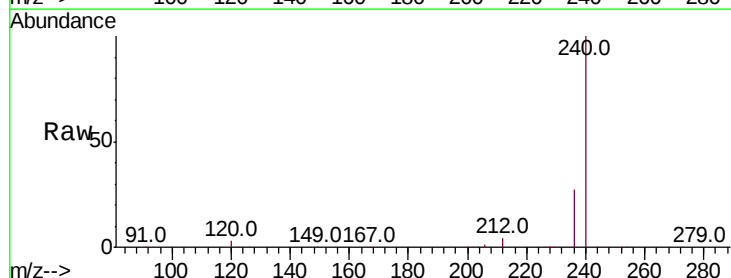
Tgt Ion:240 Resp: 506144

Ion Ratio Lower Upper

240 100

120 2.9 9.5 14.3#

236 26.5 22.7 34.1



Abundance Ion 240.00 (239.70 to 240.70): E

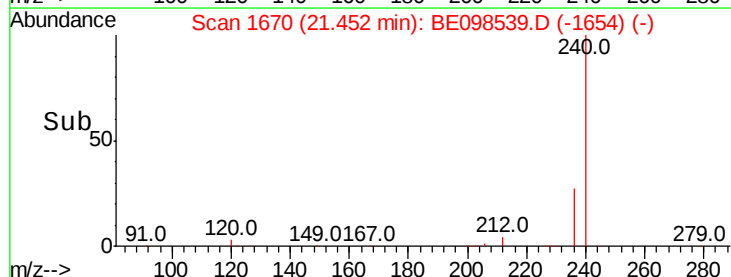
Ion 120.00 (119.70 to 120.70): E

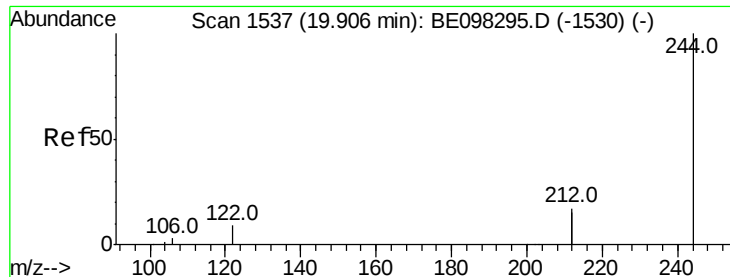
Ion 236.00 (235.70 to 236.70): E

21.45

21.40 21.60

Time-->





#29

Terphenyl-d14

Concen: 0.953 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

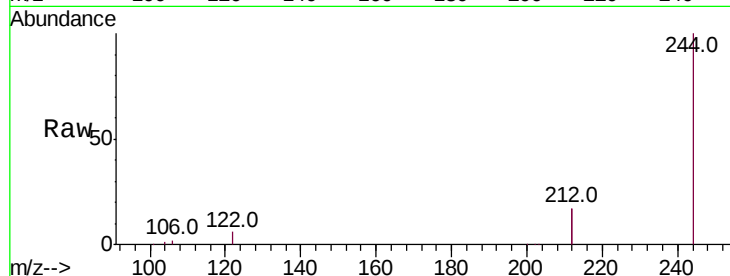
Tot Ion:244 Resp: 1171745

Ion Ratio Lower Upper

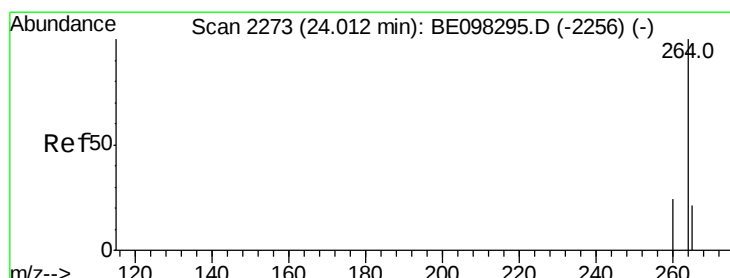
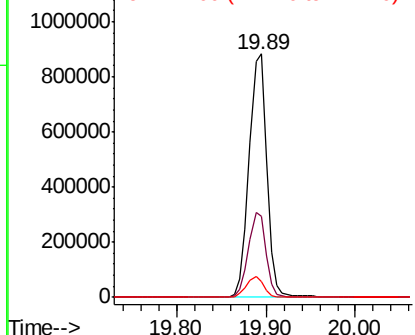
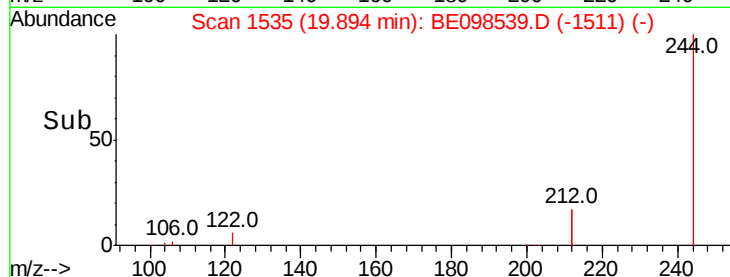
244 100

212 33.5 27.4 41.0

122 6.4 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: 23.98 min Scan# 2265

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

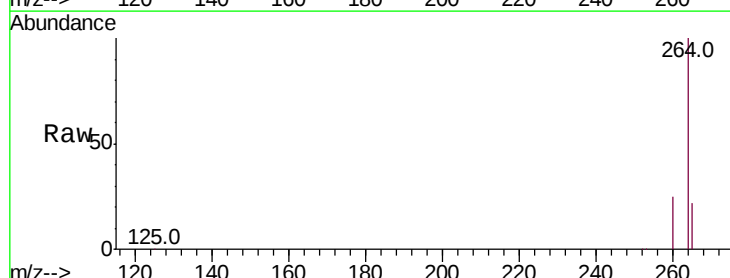
Tgt Ion:264 Resp: 537926

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 21.9 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

