

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098555.D
 Acq On : 21 Dec 2018 17:09
 Operator : SJ/JU
 Sample : PB115910BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115910BL

Quant Time: Dec 22 01:02:29 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	397	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	1666	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	1268	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	4185	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7285	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6335	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	401	0.43	ng	0.00
5) Phenol-d6	7.06	99	442	0.34	ng	0.00
8) Nitrobenzene-d5	9.07	82	337	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	974	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	205	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1532	0.29	ng	0.00
25) Fluoranthene-d10	19.30	212	26756	0.50	ng	-0.01
29) Terphenyl-d14	19.90	244	5540	0.31	ng	-0.01

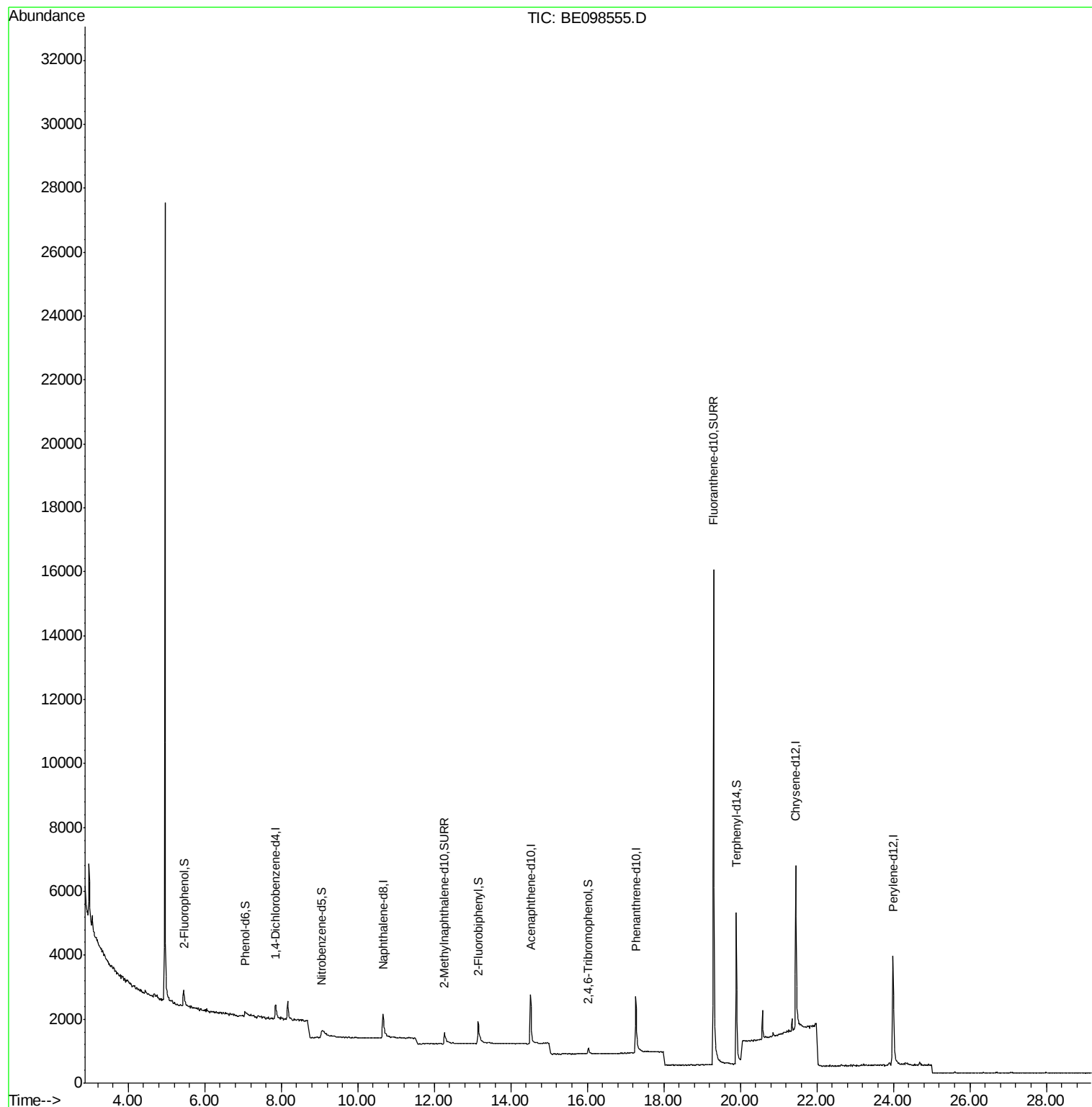
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

Instrument :

BNA_E

ClientSampleId :

PB115910BL

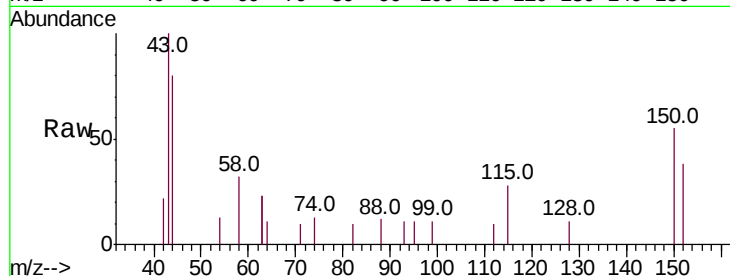
Tot Ion:152 Resp: 397

Ion Ratio Lower Upper

152 100

150 143.9 124.2 186.4

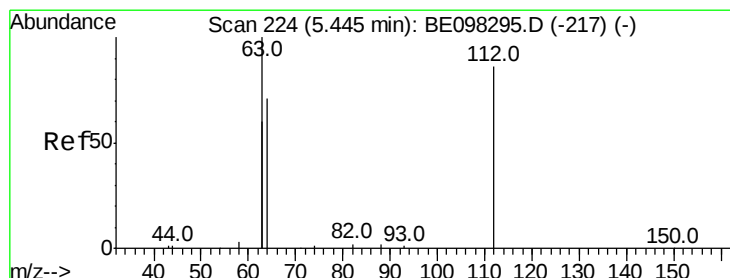
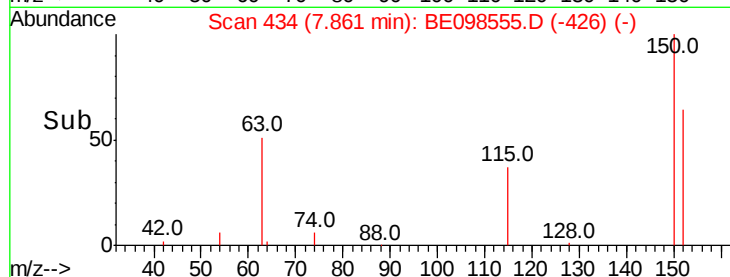
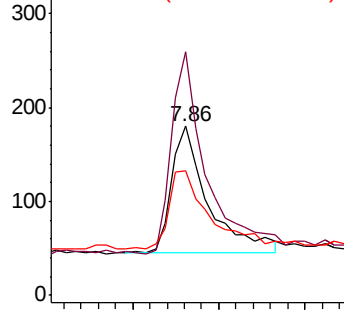
115 73.9 53.9 80.9



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: 0.432 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

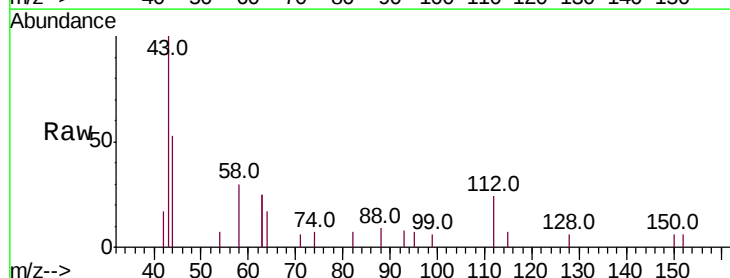
Tgt Ion:112 Resp: 401

Ion Ratio Lower Upper

112 100

64 84.5 59.8 89.8

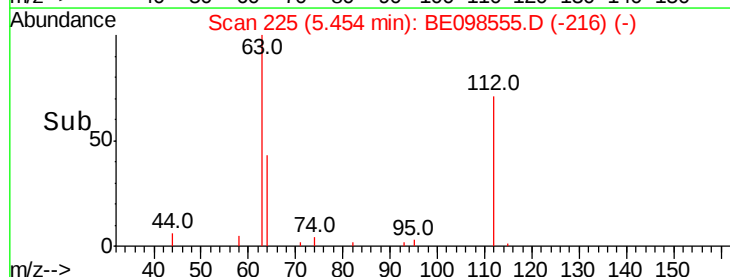
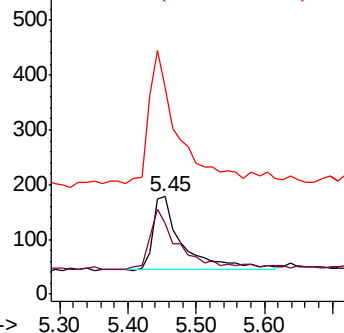
63 177.6 133.7 200.5

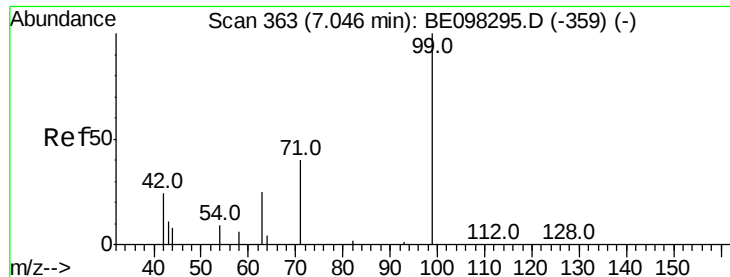


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.336 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

Instrument :

BNA_E

ClientSampleId :

PB115910BL

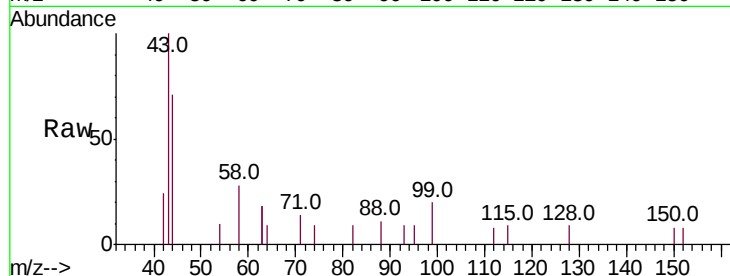
Tot Ion: 99 Resp: 442

Ion Ratio Lower Upper

99 100

42 35.1 26.3 39.5

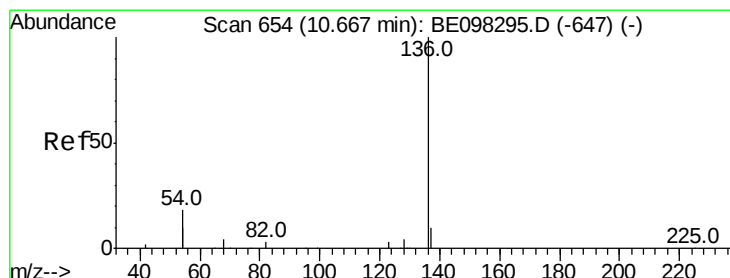
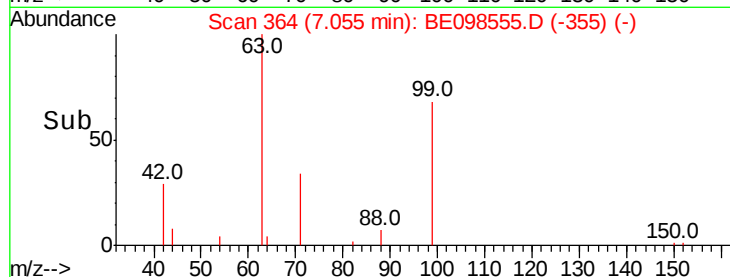
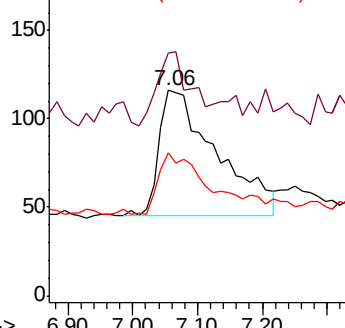
71 44.1 33.6 50.4



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

Tgt Ion: 136 Resp: 1666

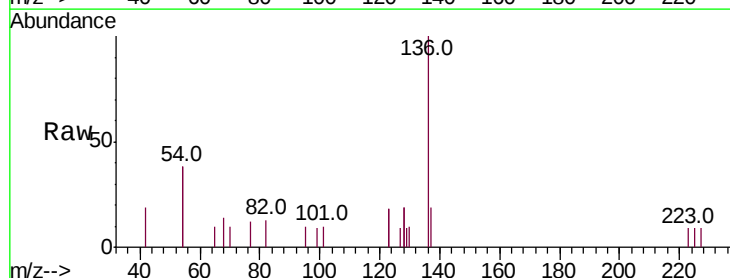
Ion Ratio Lower Upper

136 100

137 19.1 9.2 13.8#

54 76.1 28.4 42.6#

68 14.1 5.4 8.0#

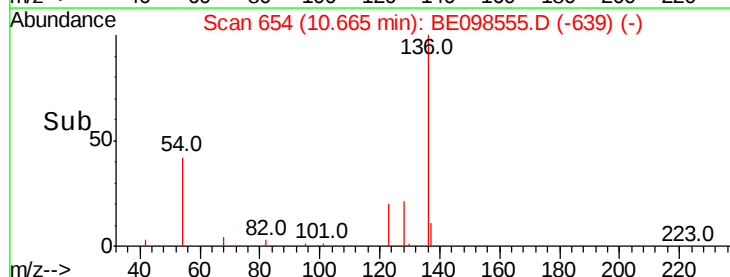
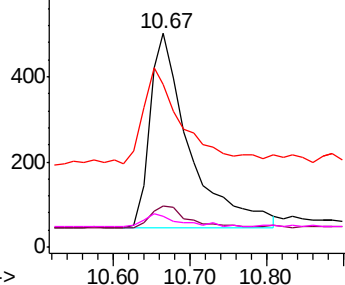


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.222 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

Instrument :

BNA_E

ClientSampleId :

PB115910BL

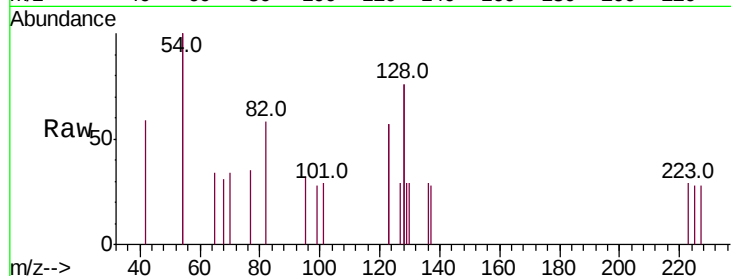
Tot Ion: 82 Resp: 337

Ion Ratio Lower Upper

82 100

128 263.0 102.4 153.6#

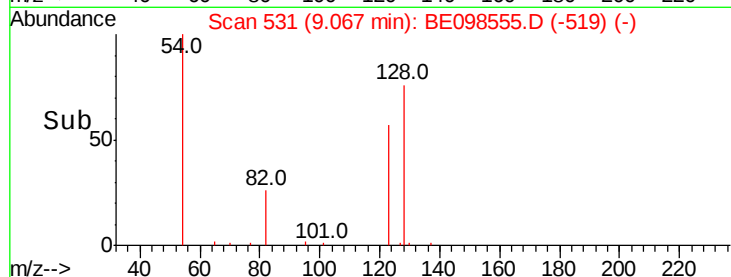
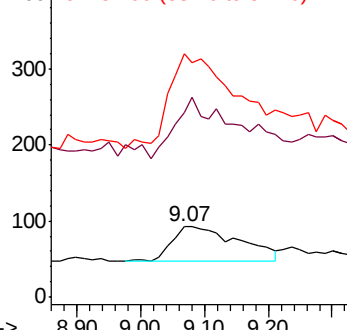
54 347.8 221.8 332.8#



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: 0.360 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098555.D

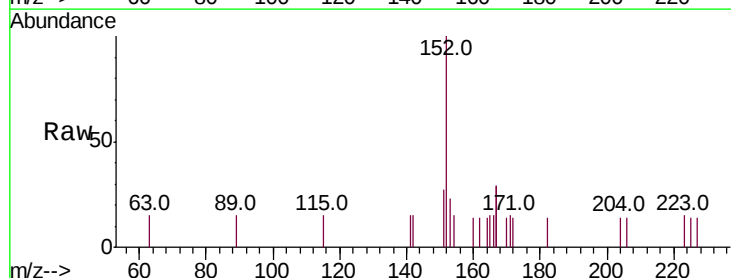
Acq: 21 Dec 2018 17:09

Tgt Ion: 152 Resp: 974

Ion Ratio Lower Upper

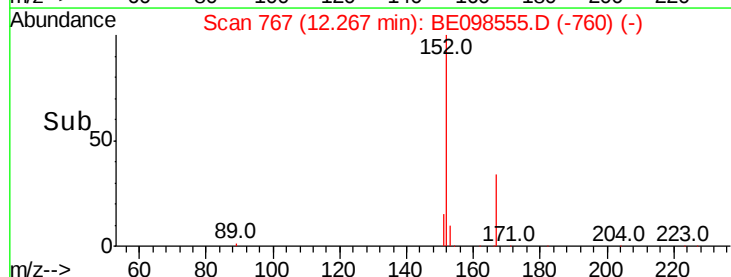
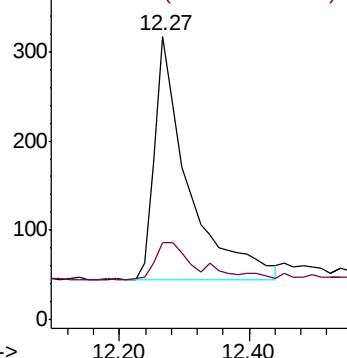
152 100

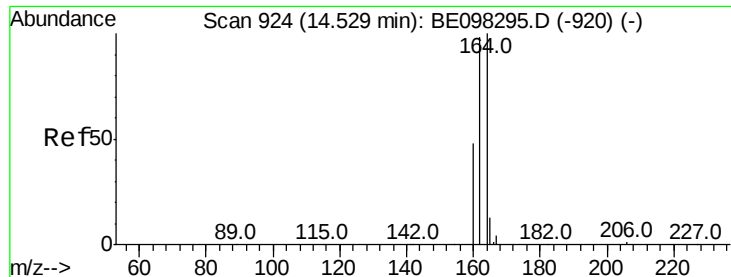
151 14.9 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

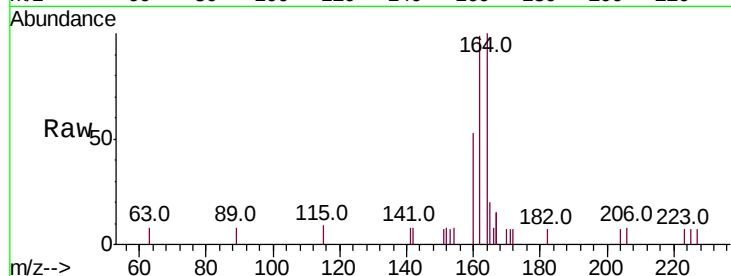




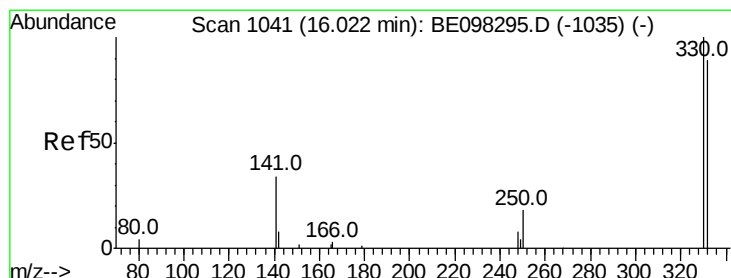
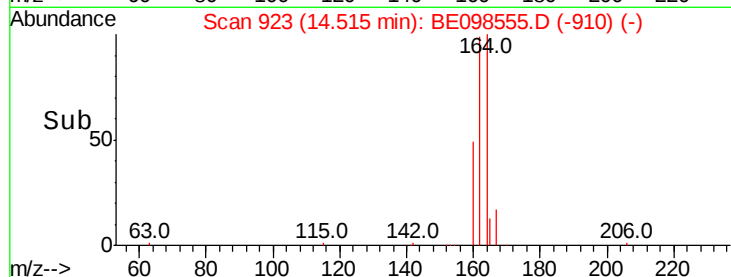
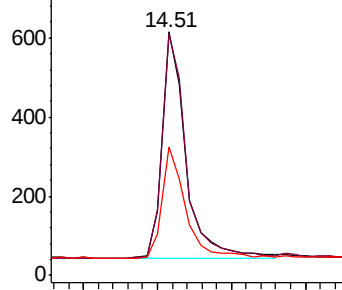
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

Instrument :
BNA_E
ClientSampleId :
PB115910BL

Tot Ion:164 Resp: 1268
Ion Ratio Lower Upper
164 100
162 99.0 77.6 116.4
160 52.7 36.0 54.0

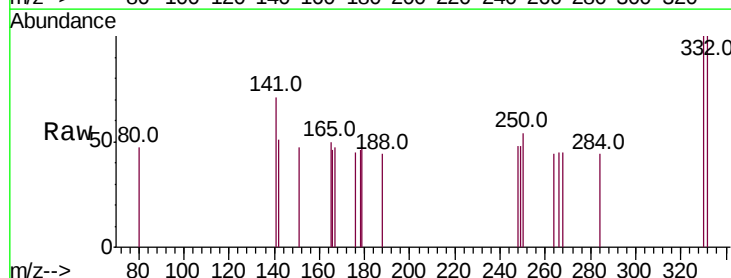


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

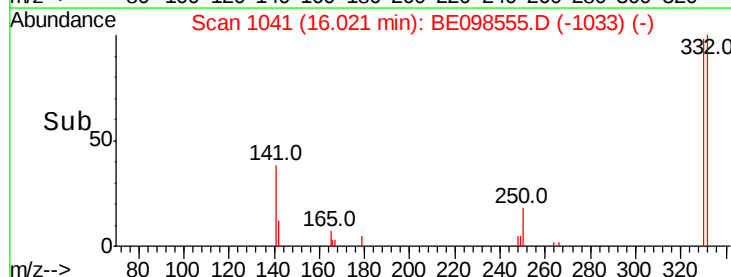
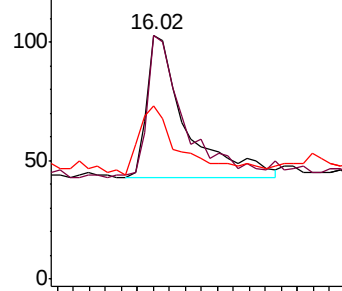


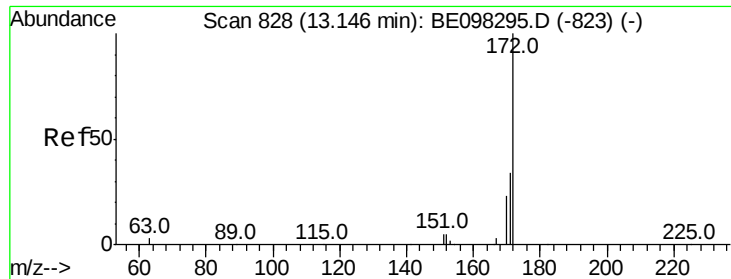
#14
2,4,6-Tribromophenol
Concen: 0.440 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

Tgt Ion:330 Resp: 205
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 49.3 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

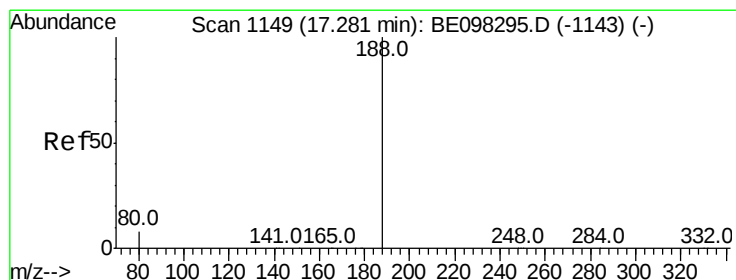
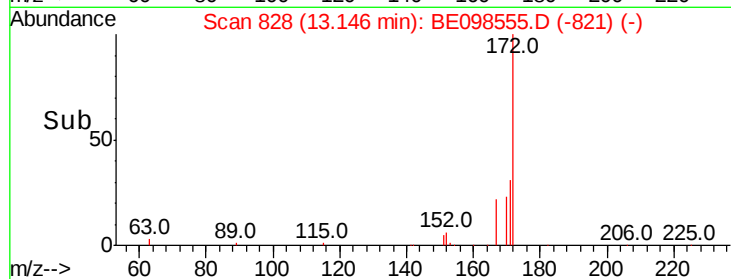
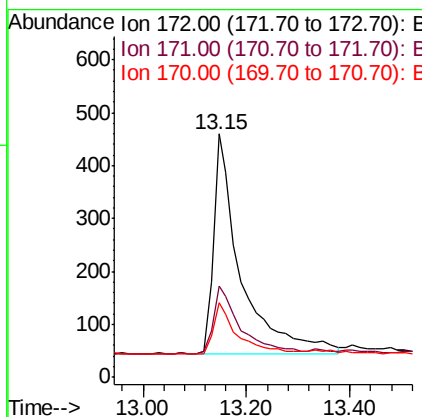
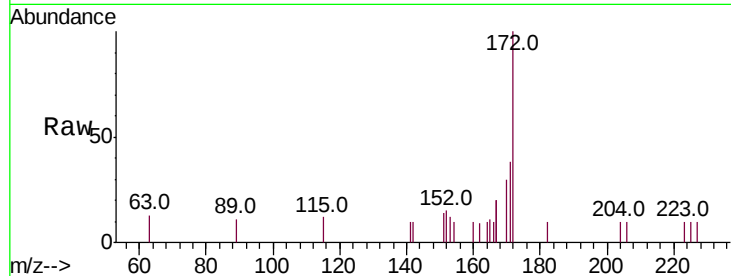




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

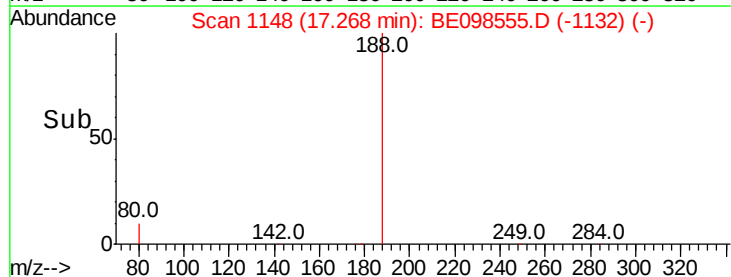
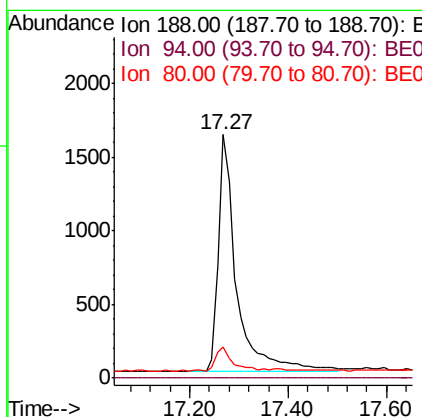
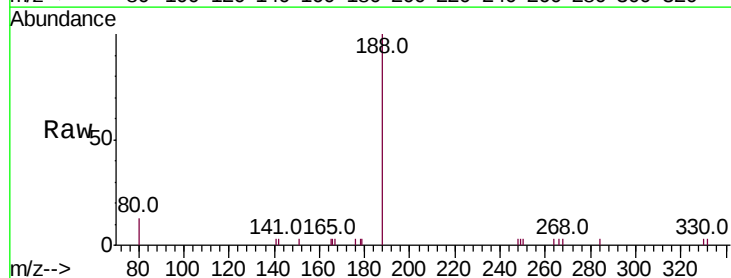
Instrument :
BNA_E
ClientSampleId :
PB115910BL

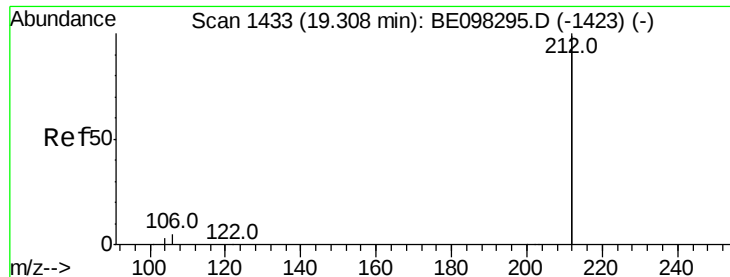
Tot Ion:172 Resp: 1532
Ion Ratio Lower Upper
172 100
171 37.6 27.5 41.3
170 30.4 19.6 29.4#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

Tgt Ion:188 Resp: 4185
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.2 10.8#

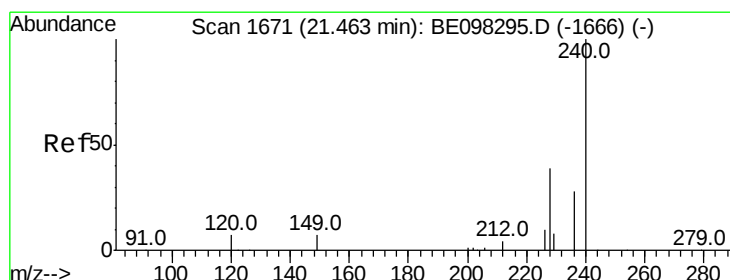
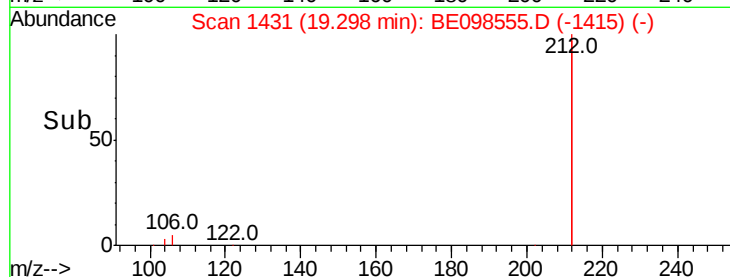
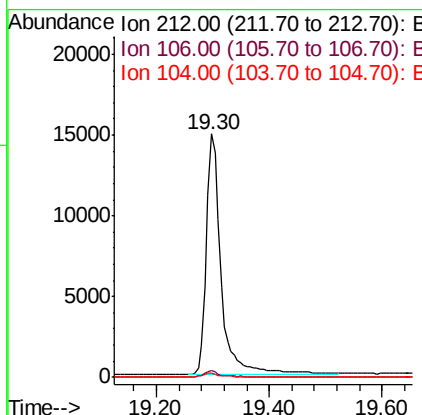
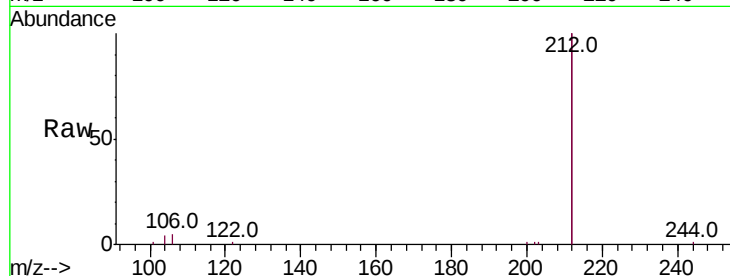




#25
Fluoranthene-d10
Concen: 0.498 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

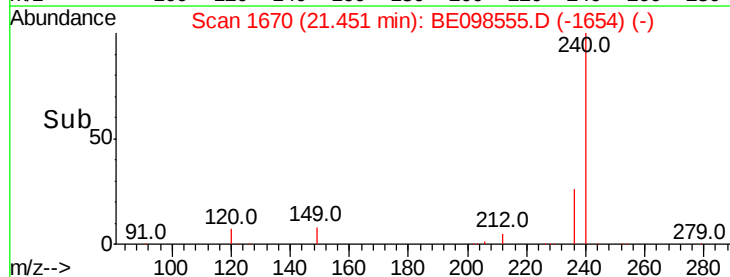
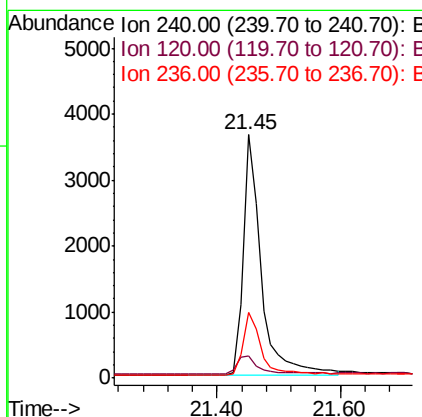
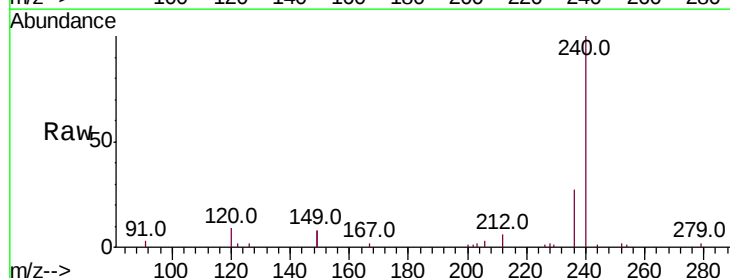
Instrument :
BNA_E
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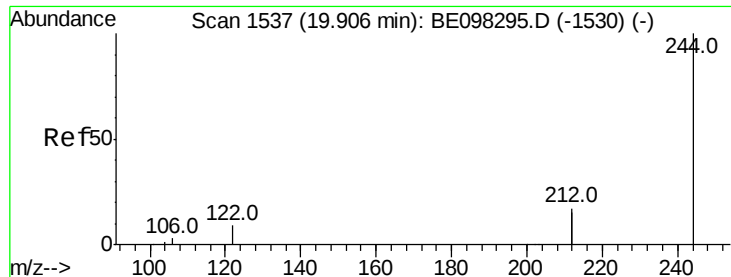
Tot Ion:212 Resp: 26756
Ion Ratio Lower Upper
212 100
106 2.2 2.2 3.2
104 1.4 1.3 1.9



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098555.D
Acq: 21 Dec 2018 17:09

Tgt Ion:240 Resp: 7285
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 26.9 22.7 34.1





#29

Terphenyl-d14

Concen: 0.313 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

Instrument :

BNA_E

ClientSampleId :

PB115910BL

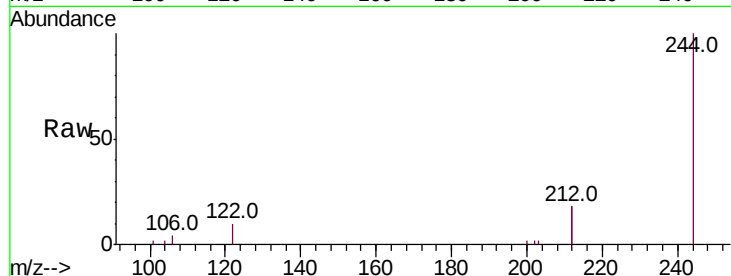
Tot Ion:244 Resp: 5540

Ion Ratio Lower Upper

244 100

212 36.7 27.4 41.0

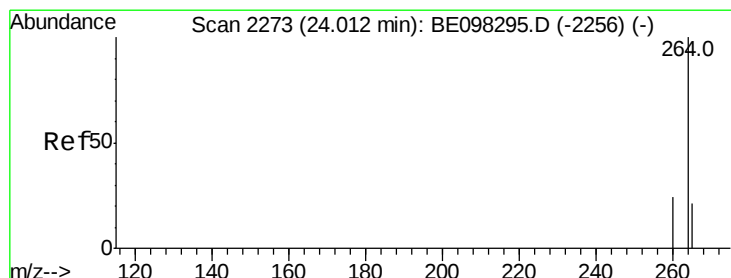
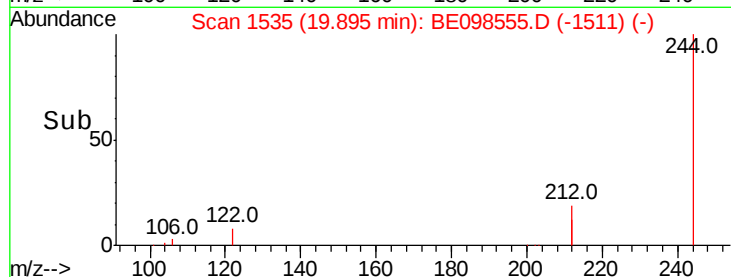
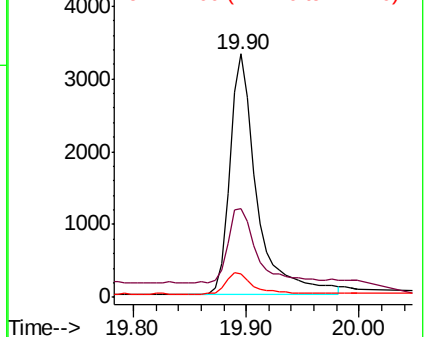
122 9.7 8.3 12.5



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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098555.D

Acq: 21 Dec 2018 17:09

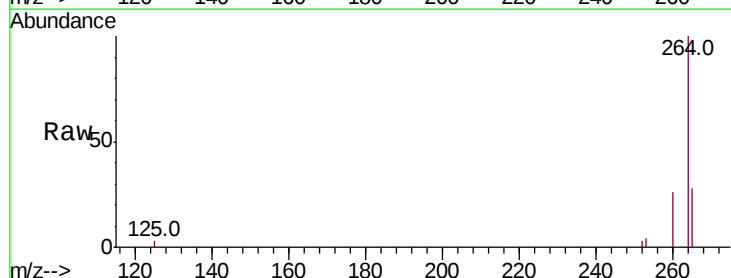
Tgt Ion:264 Resp: 6335

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 28.4 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

