

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098540.D
 Acq On : 20 Dec 2018 15:45
 Operator : SJ/JU
 Sample : PB115810BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115810BL

Quant Time: Dec 21 05:14:24 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	7.85	152	547	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2387	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	1872	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6008	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8051	0.40	ng	-0.01
34) Perylene-d12	23.98	264	6749	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	411	0.32	ng	0.00
5) Phenol-d6	7.06	99	489	0.27	ng	0.00
8) Nitrobenzene-d5	9.05	82	376	0.17	ng	0.04
11) 2-Methylnaphthalene-d10	12.27	152	1017	0.26	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	208	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1520	0.19	ng	0.00
25) Fluoranthene-d10	19.30	212	21690	0.28	ng	-0.01
29) Terphenyl-d14	19.89	244	4701	0.24	ng	-0.01

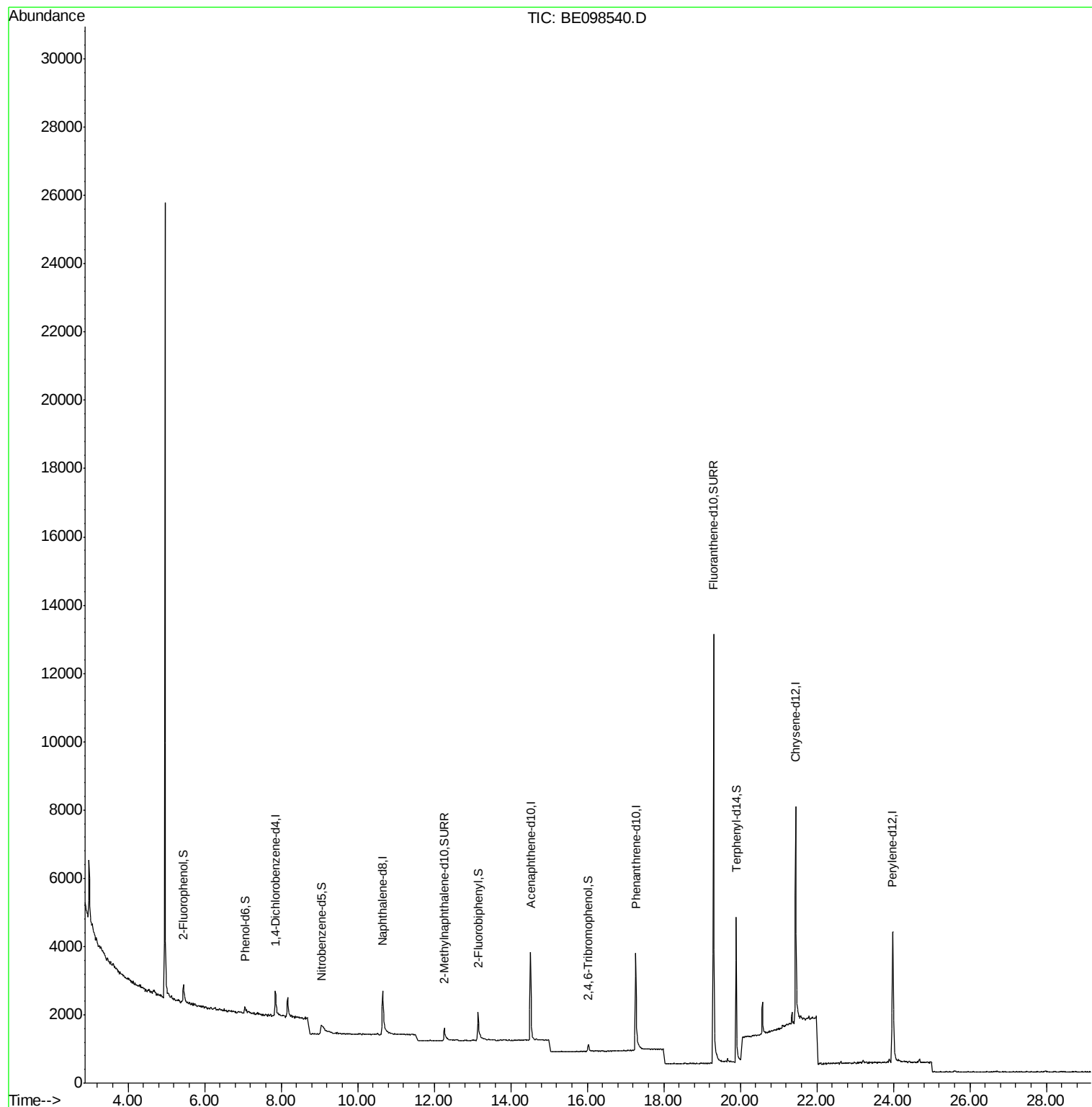
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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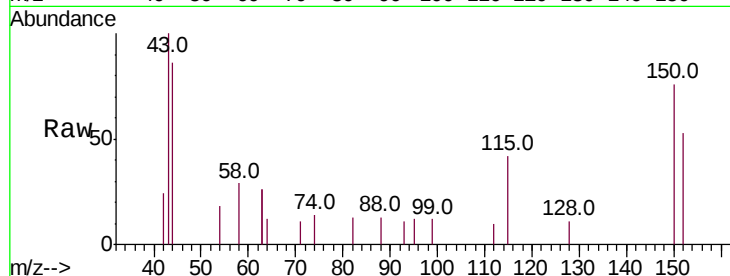


#1

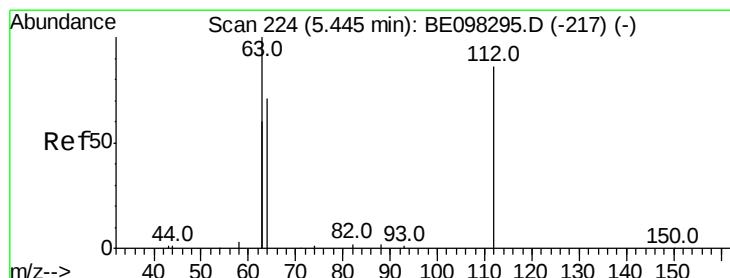
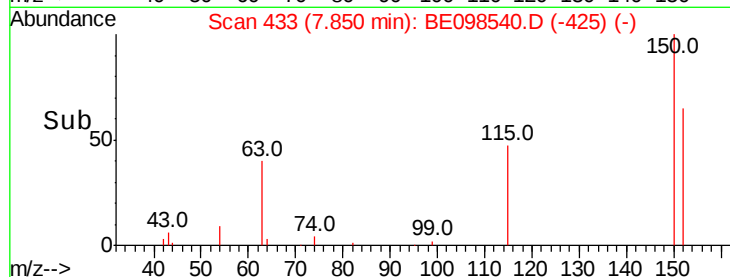
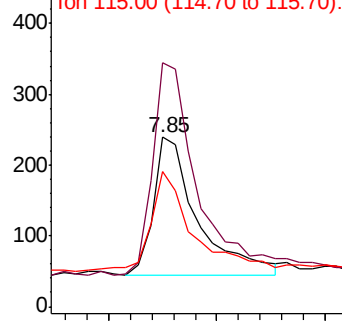
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098540.D
Acq: 20 Dec 2018 15:45

Instrument :
BNA_E
ClientSampleId :
PB115810BL

Tot Ion:152 Resp: 547
Ion Ratio Lower Upper
152 100
150 143.9 124.2 186.4
115 79.5 53.9 80.9



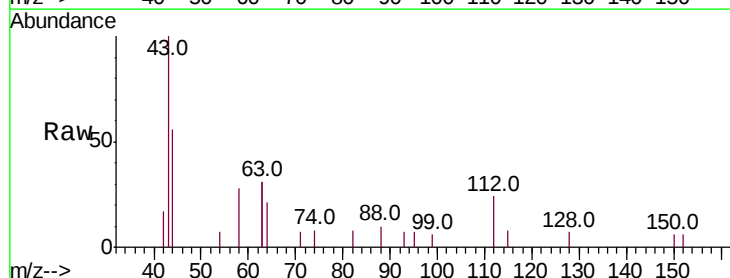
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



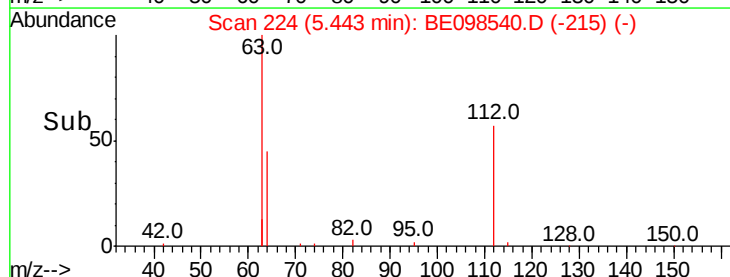
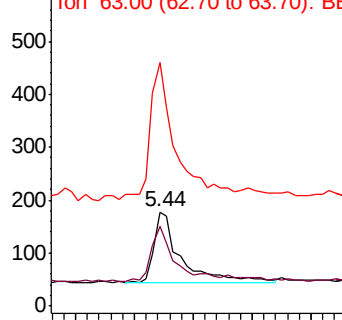
#4

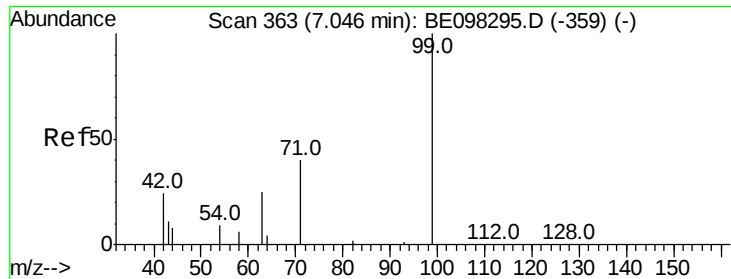
2-Fluorophenol
Concen: 0.321 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE098540.D
Acq: 20 Dec 2018 15:45

Tgt Ion:112 Resp: 411
Ion Ratio Lower Upper
112 100
64 69.1 59.8 89.8
63 185.9 133.7 200.5



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: 0.270 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Instrument :

BNA_E

ClientSampleId :

PB115810BL

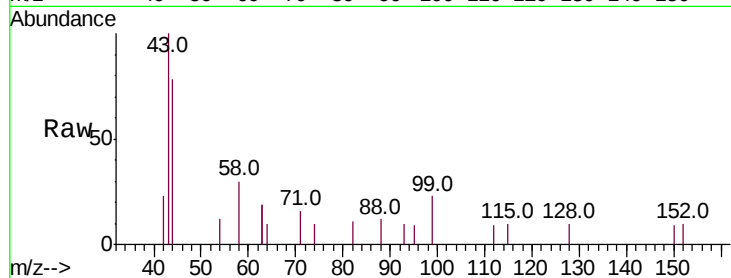
Tot Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 23.5 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

7.06

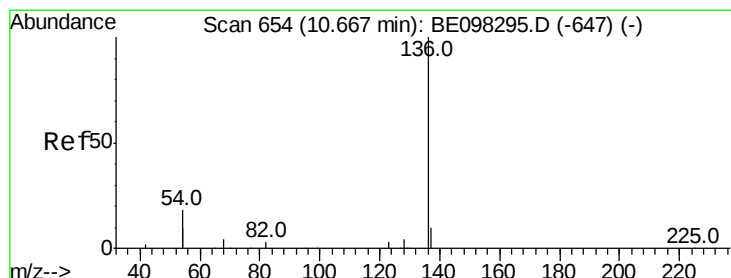
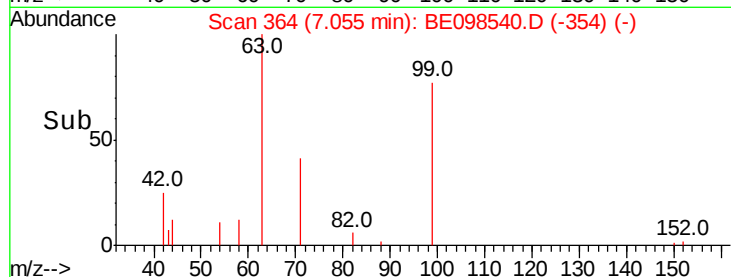
100

50

0

Time-->

7.00 7.20



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Tgt Ion: 136 Resp: 2387

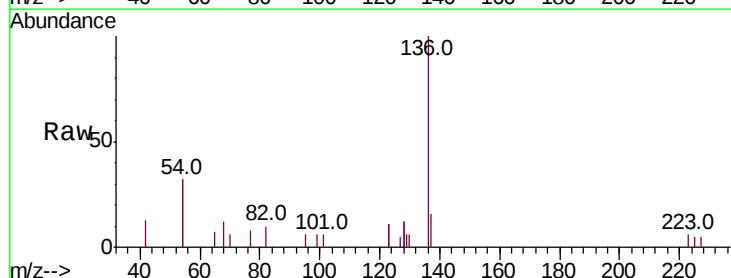
Ion Ratio Lower Upper

136 100

137 16.1 9.2 13.8#

54 64.5 28.4 42.6#

68 11.9 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

10.65

1200

1000

800

600

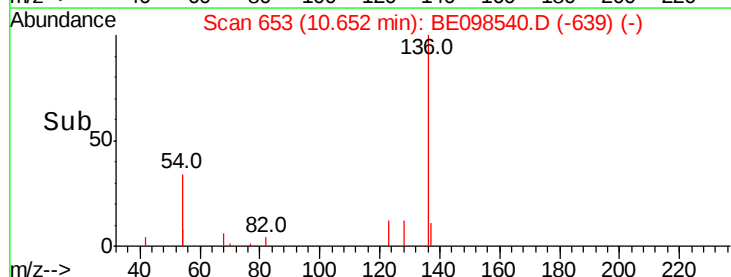
400

200

0

Time-->

10.60 10.80





#8

Nitrobenzene-d5

Concen: 0.173 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Instrument :

BNA_E

ClientSampleId :

PB115810BL

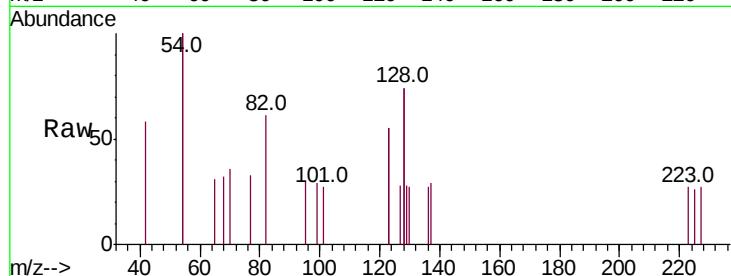
Tot Ion: 82 Resp: 376

Ion Ratio Lower Upper

82 100

128 240.8 102.4 153.6#

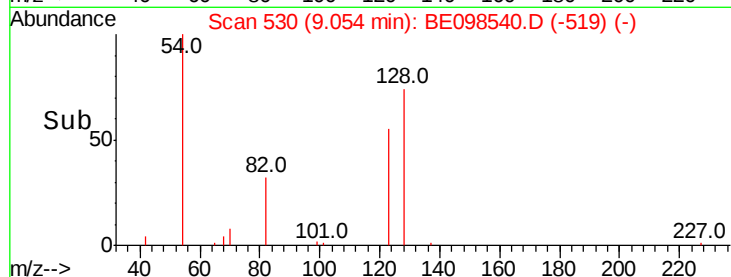
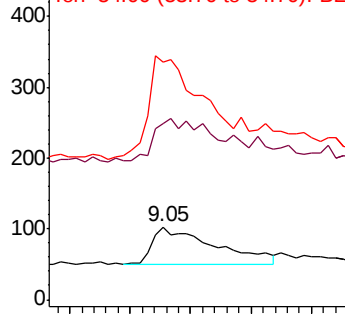
54 326.2 221.8 332.8



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: 0.262 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098540.D

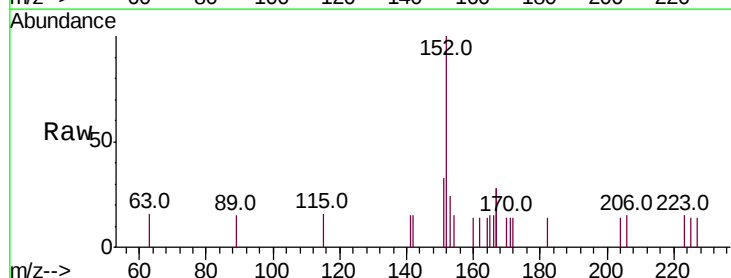
Acq: 20 Dec 2018 15:45

Tgt Ion: 152 Resp: 1017

Ion Ratio Lower Upper

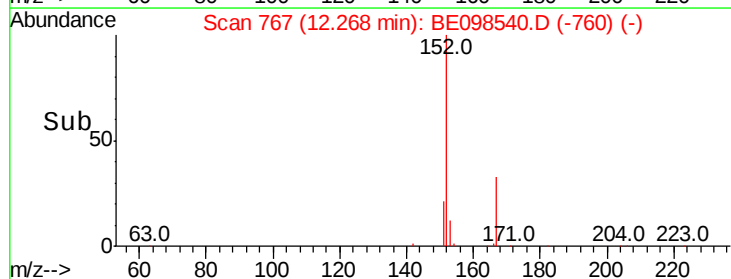
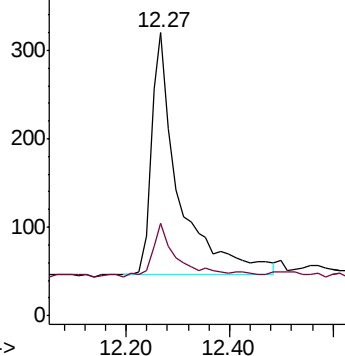
152 100

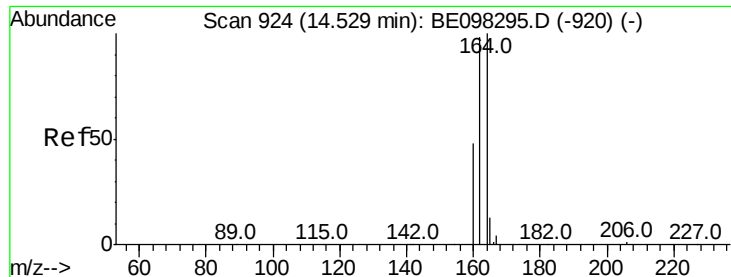
151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

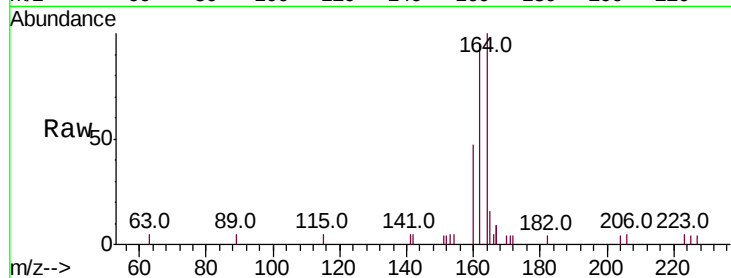




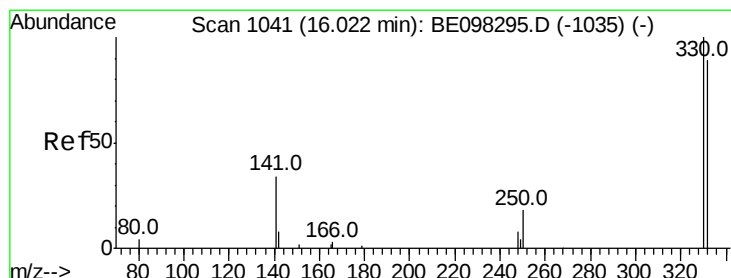
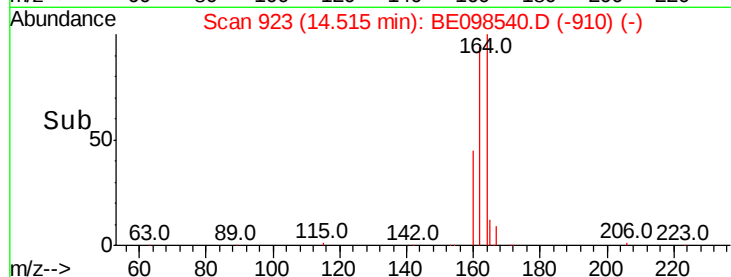
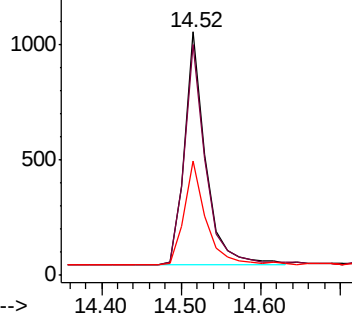
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

Instrument :
 BNA_E
 ClientSampleId :
 PB115810BL

Tot Ion:164 Resp: 1872
 Ion Ratio Lower Upper
 164 100
 162 94.6 77.6 116.4
 160 47.0 36.0 54.0

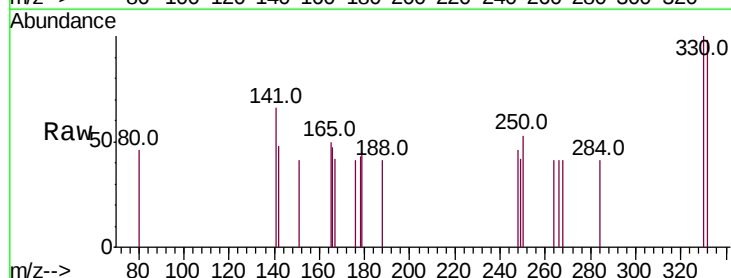


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

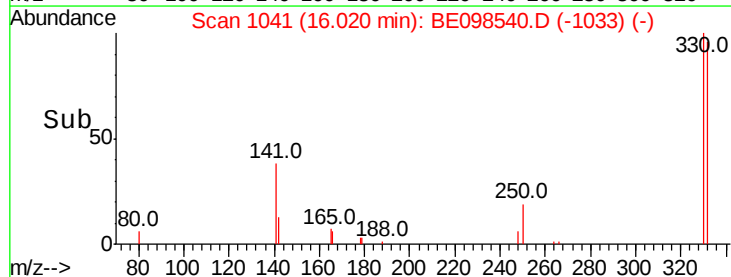
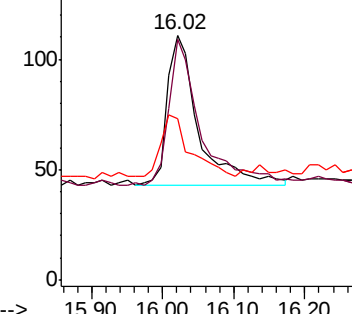


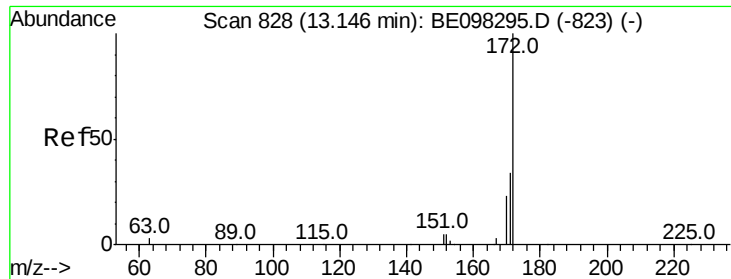
#14
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

Tgt Ion:330 Resp: 208
 Ion Ratio Lower Upper
 330 100
 332 101.0 76.2 114.4
 141 38.0 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

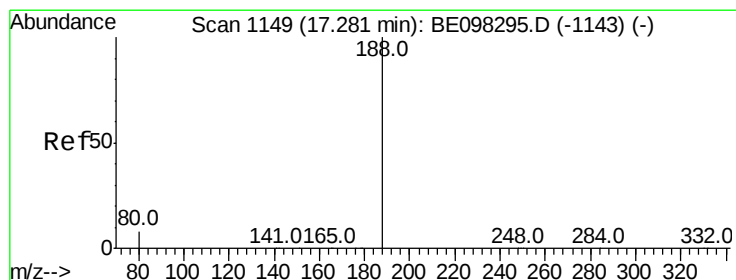
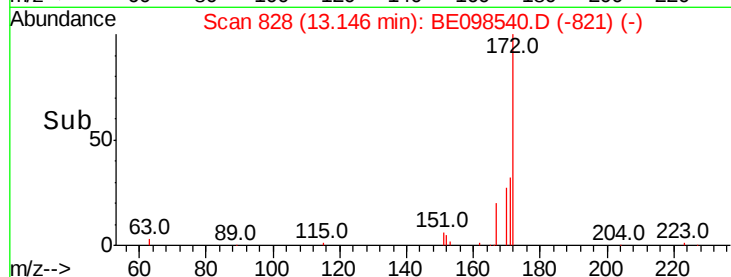
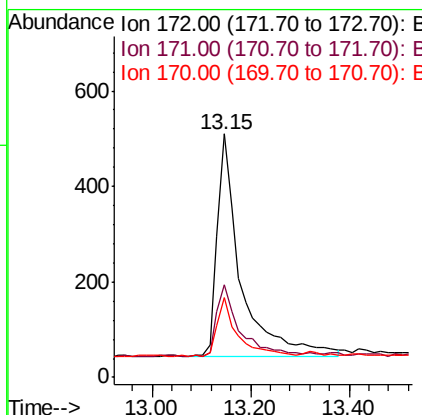
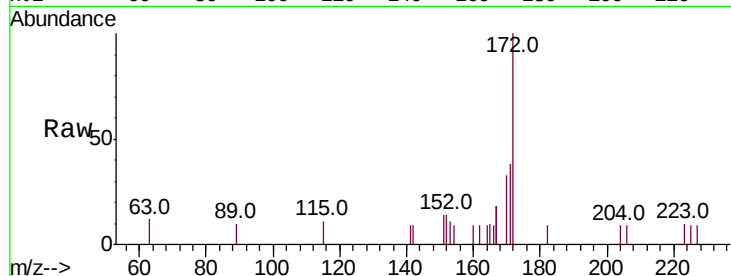




#15
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

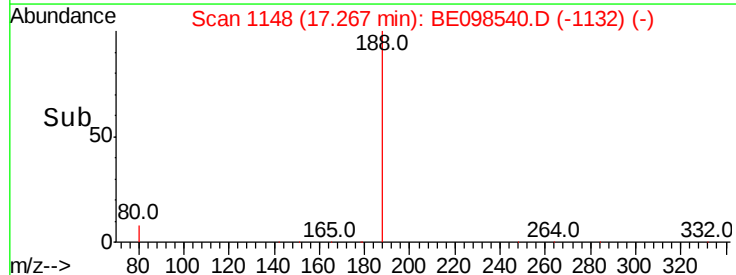
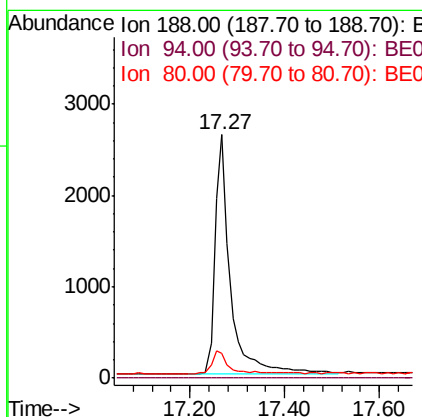
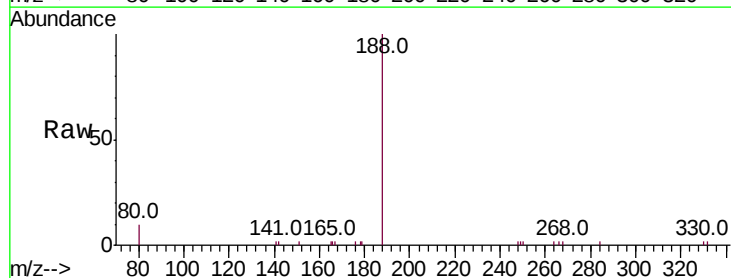
Instrument :
 BNA_E
 ClientSampleId :
 PB115810BL

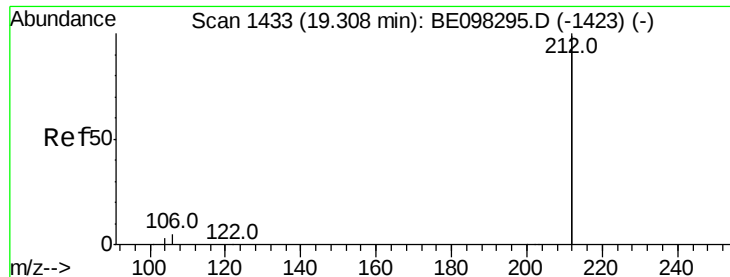
Tot Ion:172 Resp: 1520
 Ion Ratio Lower Upper
 172 100
 171 38.0 27.5 41.3
 170 32.9 19.6 29.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

Tgt Ion:188 Resp: 6008
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.0 7.2 10.8





#25

Fluoranthene-d10

Concen: 0.281 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Instrument :

BNA_E

ClientSampleId :

PB115810BL

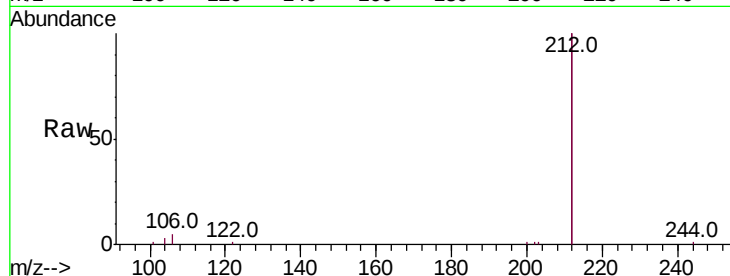
Tot Ion:212 Resp: 21690

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

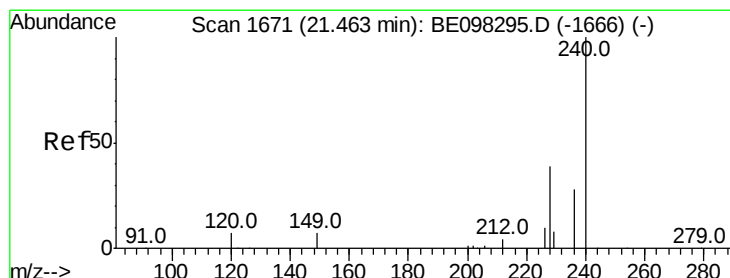
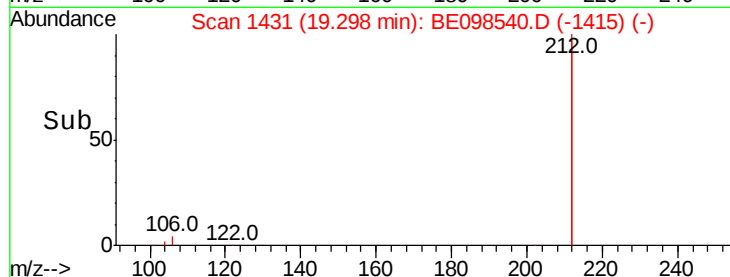
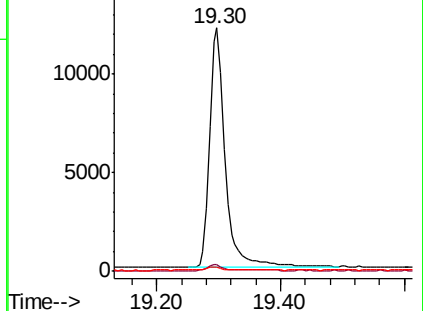
104 1.3 1.3 1.9



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

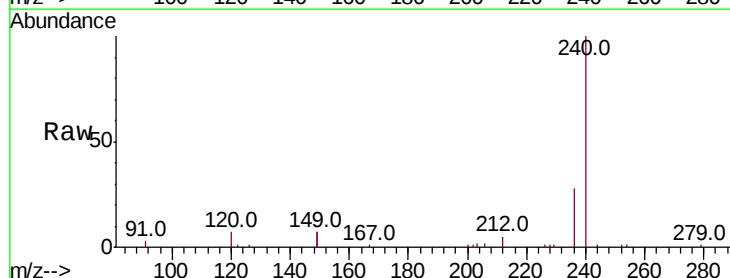
Tgt Ion:240 Resp: 8051

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

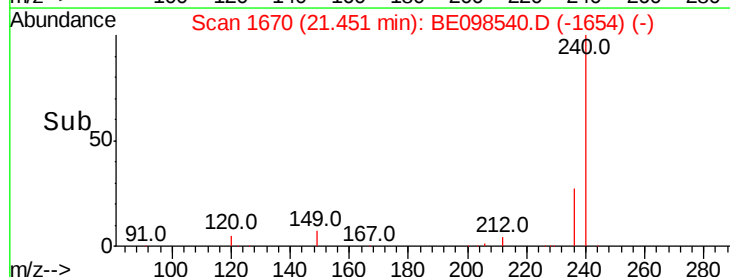
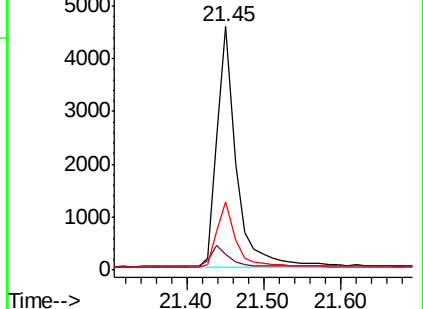
236 28.0 22.7 34.1

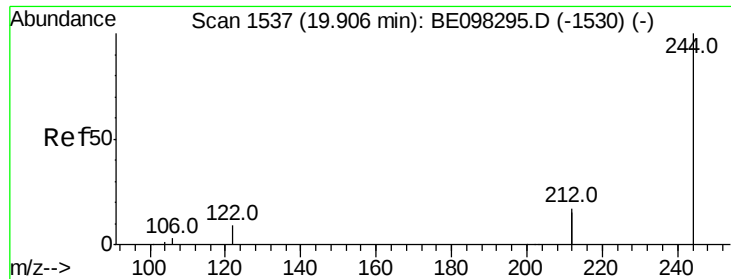


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.240 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Instrument :

BNA_E

ClientSampleId :

PB115810BL

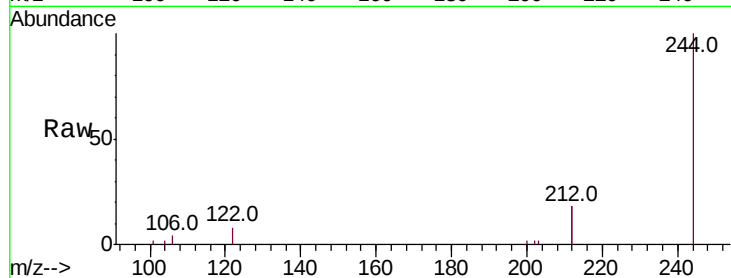
Tot Ion:244 Resp: 4701

Ion Ratio Lower Upper

244 100

212 36.5 27.4 41.0

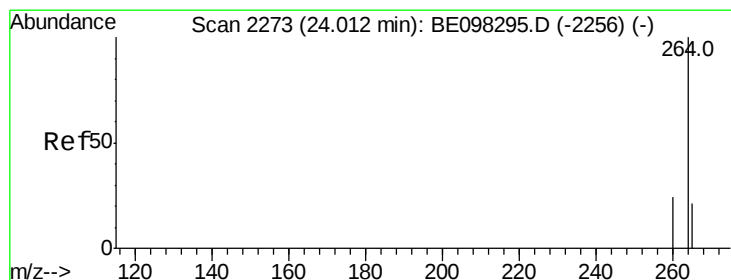
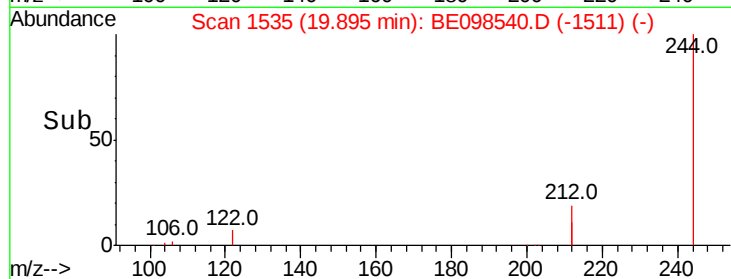
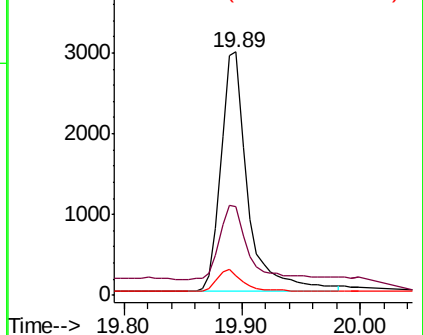
122 8.3 8.3 12.5#



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: BE098540.D

Acq: 20 Dec 2018 15:45

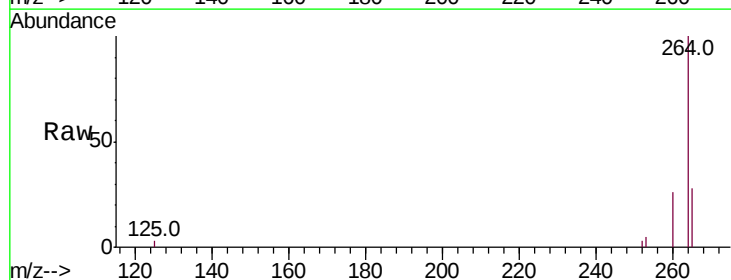
Tgt Ion:264 Resp: 6749

Ion Ratio Lower Upper

264 100

260 26.4 20.2 30.2

265 28.3 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

