

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122018\
 Data File : BE098538.D
 Acq On : 20 Dec 2018 14:30
 Operator : SJ/JU
 Sample : J6340-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TWP-01

Quant Time: Dec 21 05:02:37 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	34197	0.40	ng	-0.02
7) Naphthalene-d8	10.64	136	150945	0.40	ng	-0.03
13) Acenaphthene-d10	14.52	164	115725	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	369739	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	561915	0.40	ng	-0.01
34) Perylene-d12	23.99	264	516106	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.43	112	144955	1.81	ng	-0.01
5) Phenol-d6	7.01	99	143199	1.26	ng	-0.03
8) Nitrobenzene-d5	9.00	82	360488	2.62	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	10	0.00	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	245005	5.77	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	795336	1.63	ng	-0.01
25) Fluoranthene-d10	19.30	212	137	0.00	ng	-0.01
29) Terphenyl-d14	19.89	244	2372931	1.74	ng	-0.01

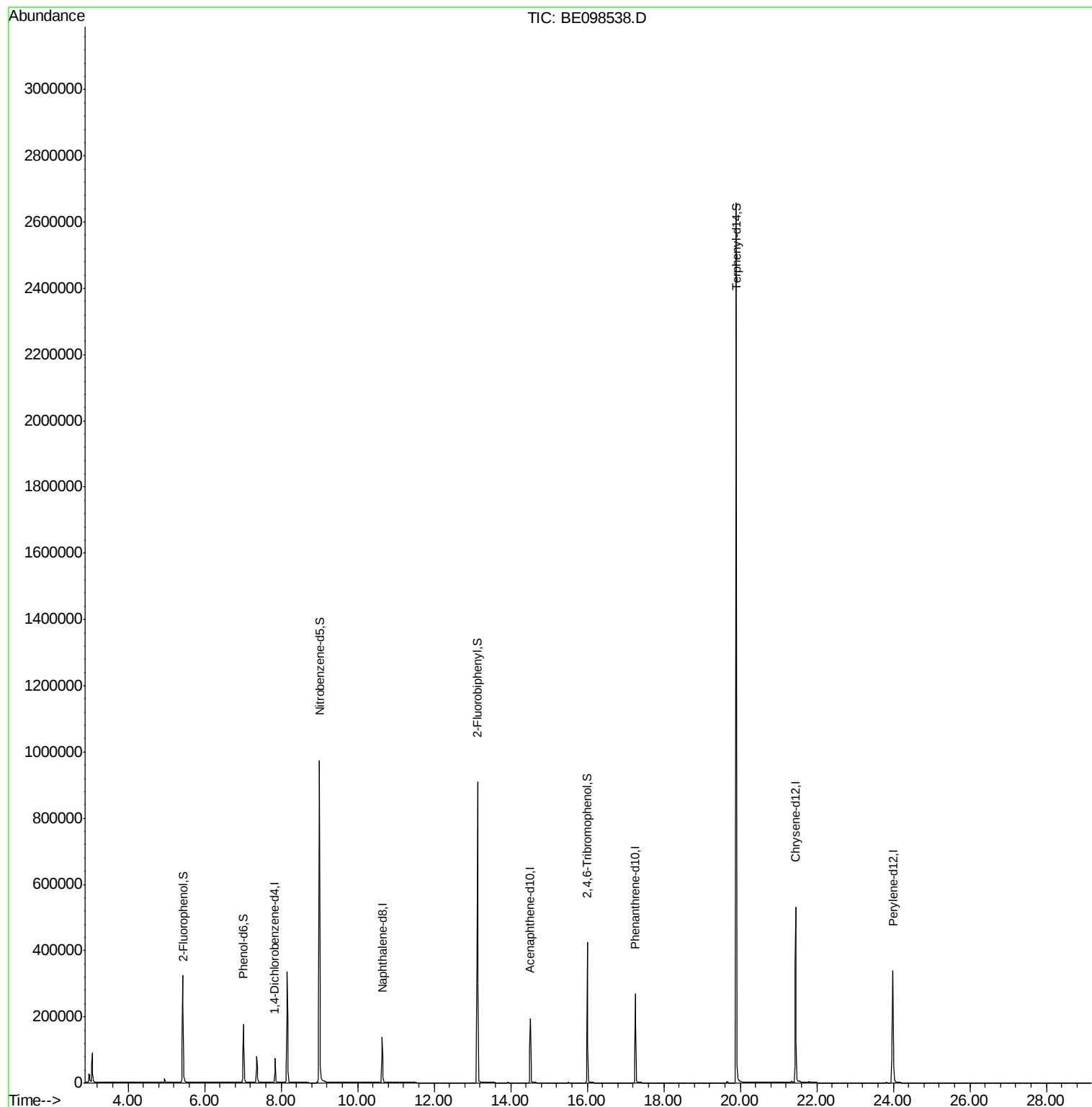
Target Compounds	Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.02 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

Instrument :

BNA_E

ClientSampleId :

TWP-01

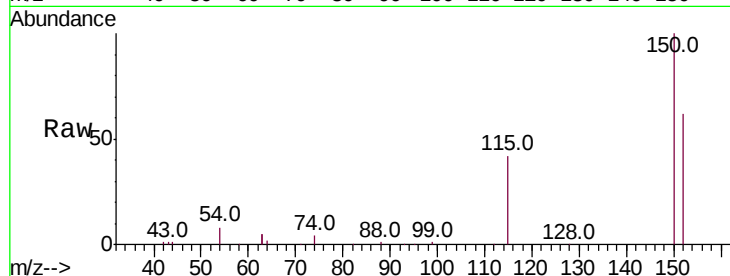
Tot Ion:152 Resp: 34197

Ion Ratio Lower Upper

152 100

150 161.7 124.2 186.4

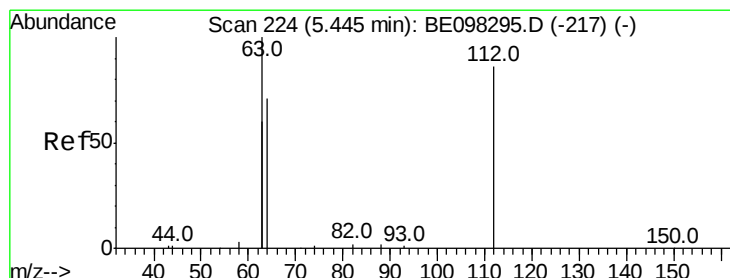
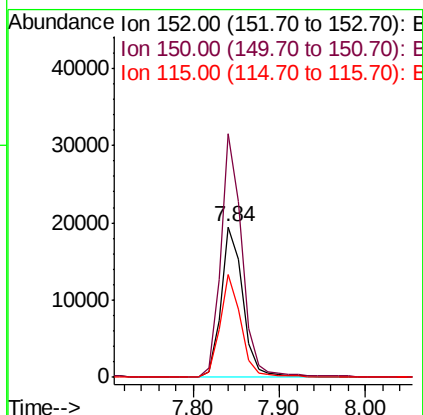
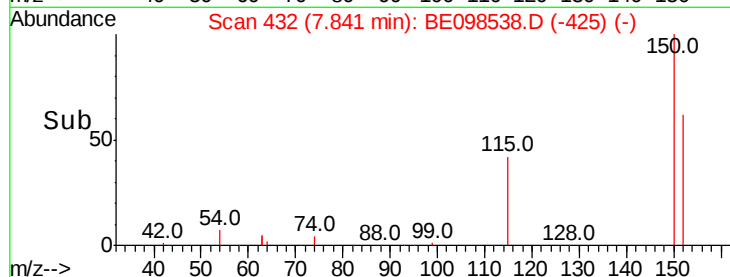
115 68.1 53.9 80.9



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: 1.811 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

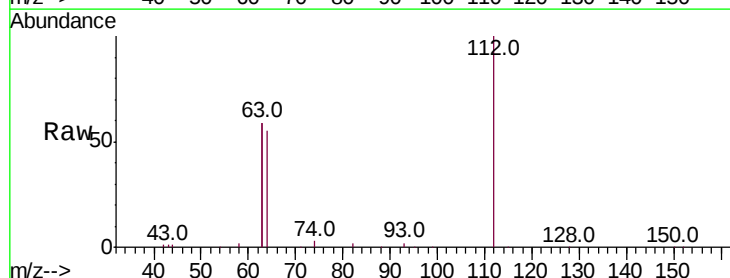
Tgt Ion:112 Resp: 144955

Ion Ratio Lower Upper

112 100

64 77.7 59.8 89.8

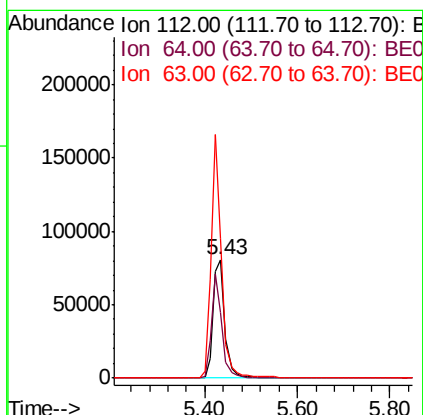
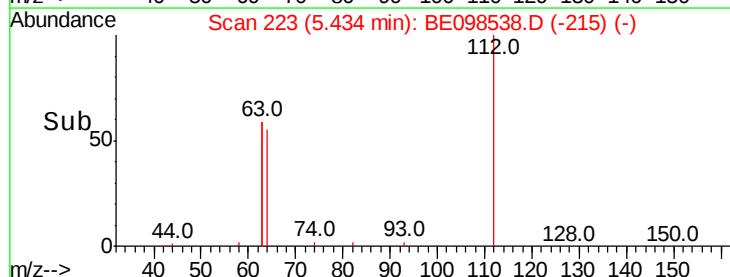
63 180.1 133.7 200.5

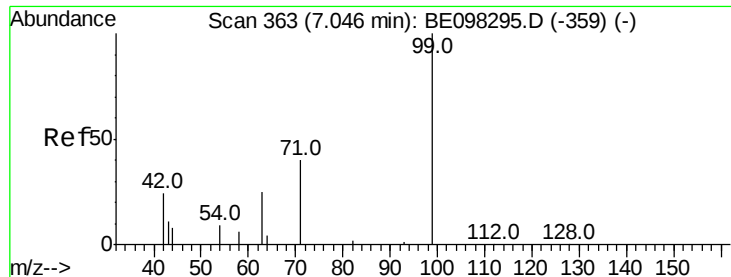


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.263 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

Instrument :

BNA_E

ClientSampleId :

TWP-01

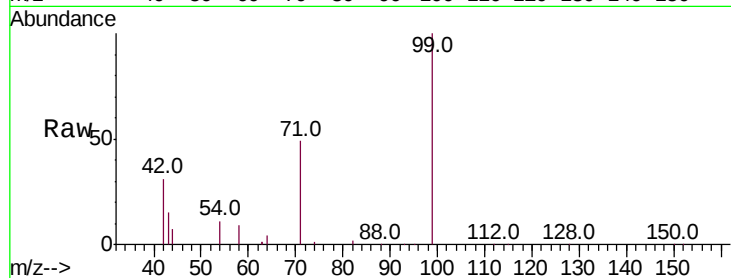
Tot Ion: 99 Resp: 143199

Ion Ratio Lower Upper

99 100

42 30.3 26.3 39.5

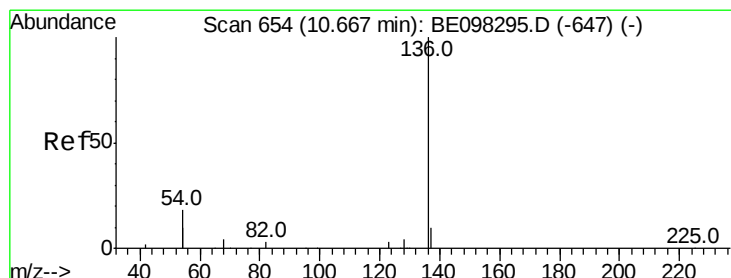
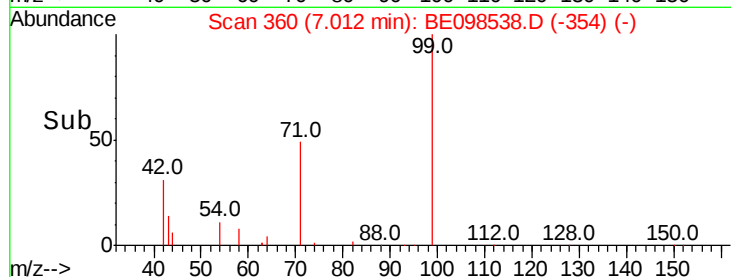
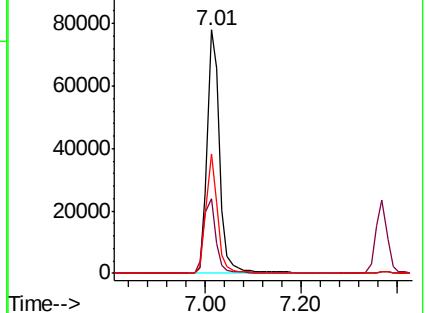
71 45.2 33.6 50.4



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: BE098538.D

Acq: 20 Dec 2018 14:30

Tgt Ion: 136 Resp: 150945

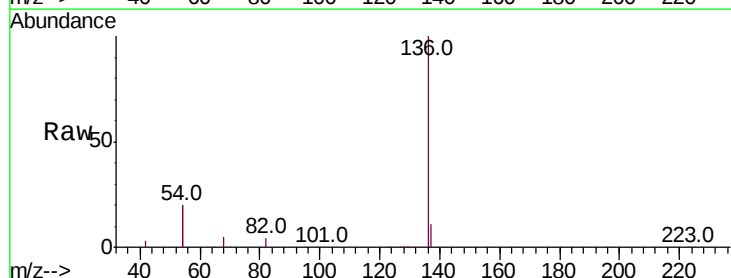
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 39.1 28.4 42.6

68 5.4 5.4 8.0

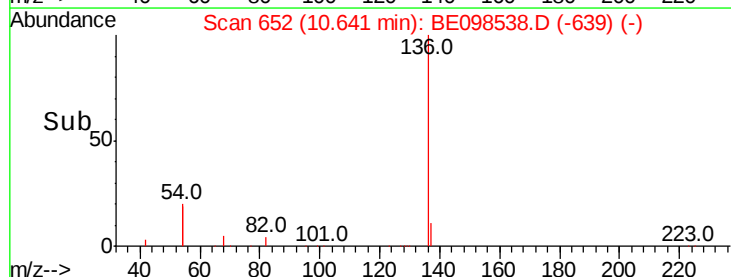
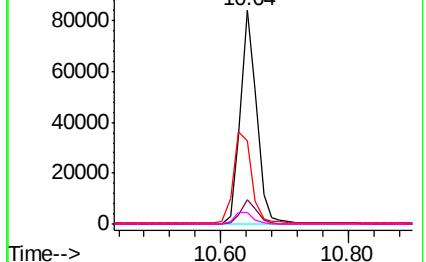


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.624 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.01 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

Instrument :

BNA_E

ClientSampleId :

TWP-01

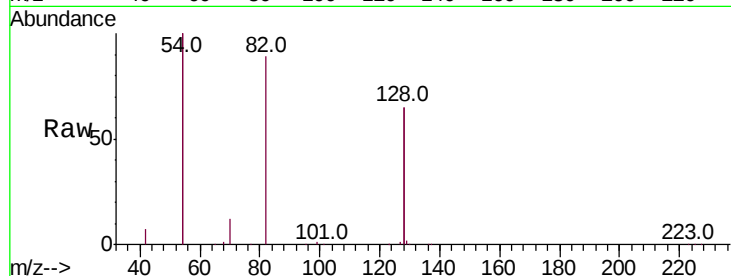
Tot Ion: 82 Resp: 360488

Ion Ratio Lower Upper

82 100

128 145.7 102.4 153.6

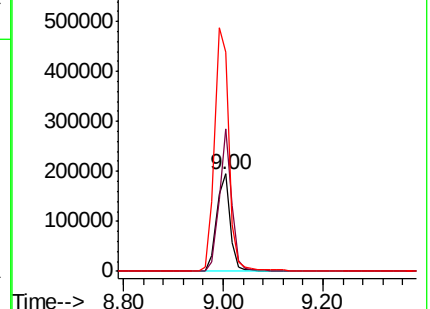
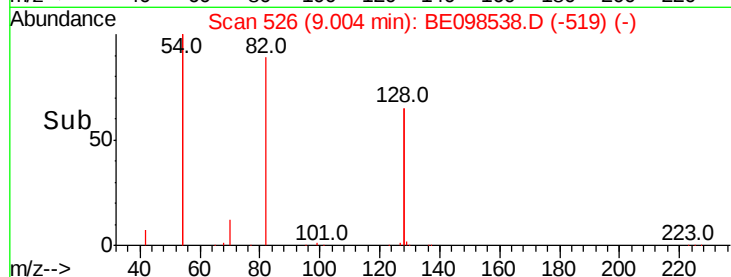
54 225.4 221.8 332.8



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: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098538.D

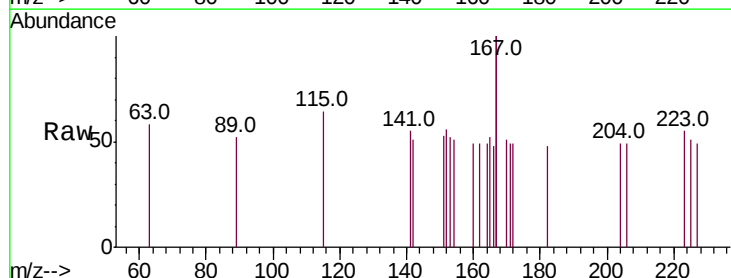
Acq: 20 Dec 2018 14:30

Tgt Ion: 152 Resp: 10

Ion Ratio Lower Upper

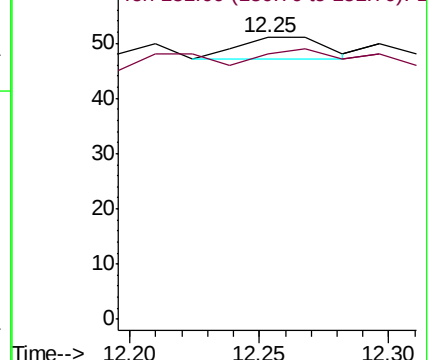
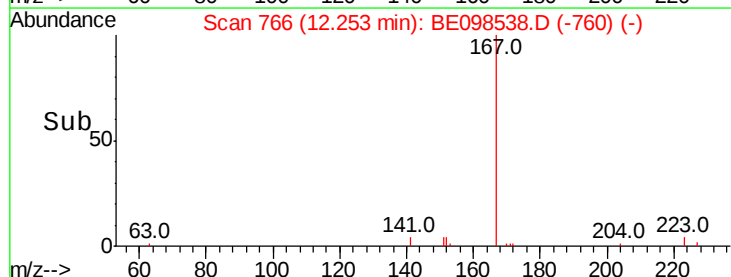
152 100

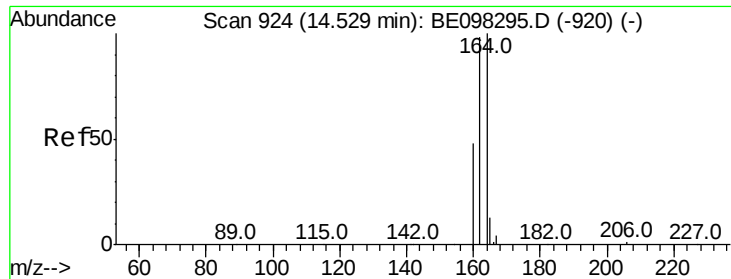
151 120.0 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

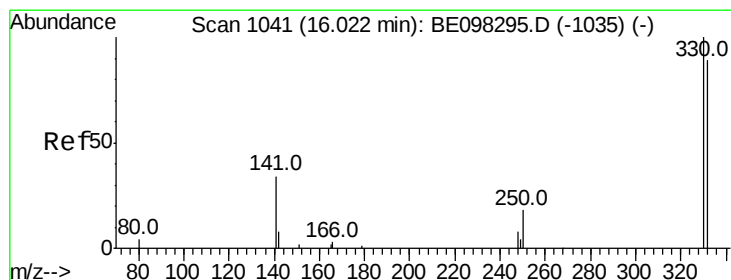
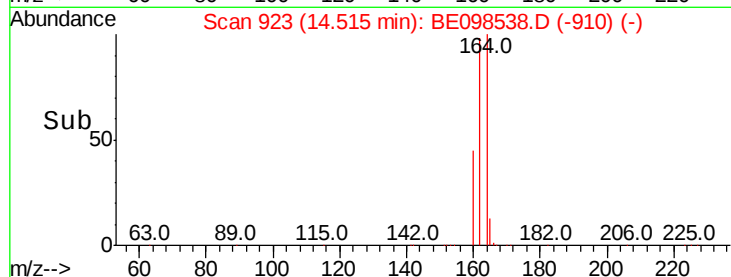
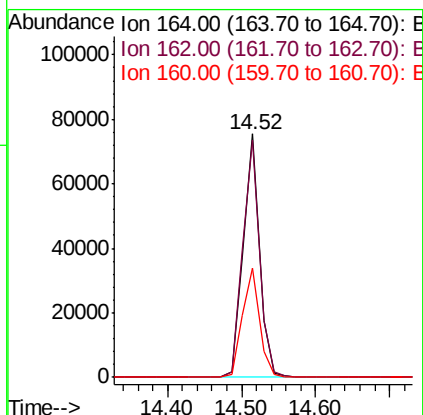
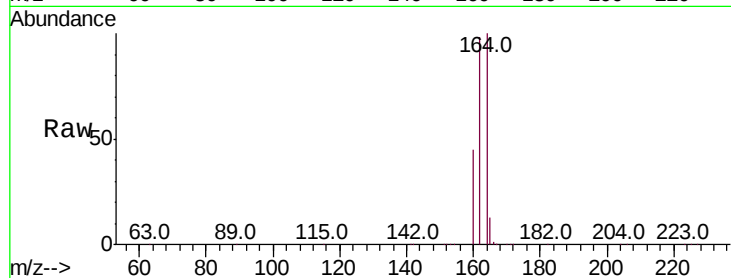




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE098538.D
Acq: 20 Dec 2018 14:30

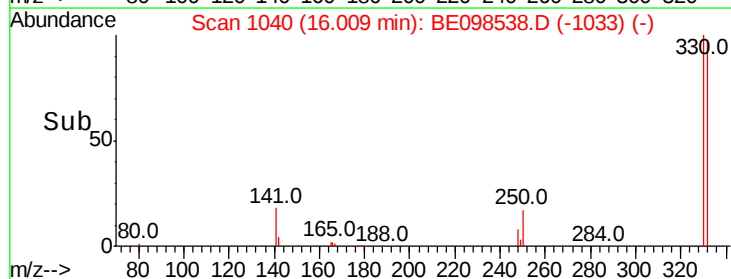
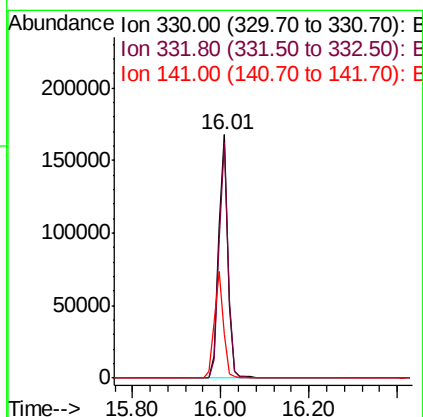
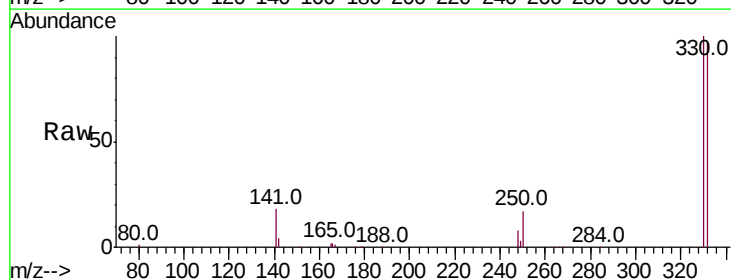
Instrument :
BNA_E
ClientSampleId :
TWP-01

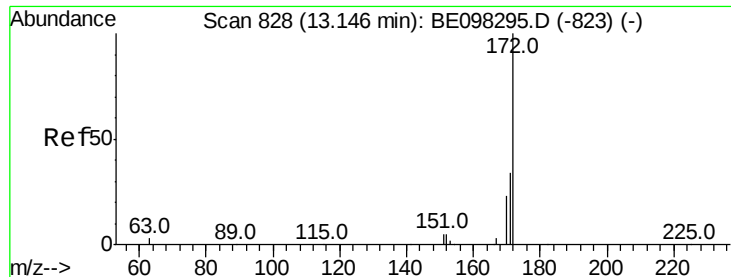
Tot Ion:164 Resp: 115725
Ion Ratio Lower Upper
164 100
162 97.7 77.6 116.4
160 45.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 5.767 ng
RT: 16.01 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BE098538.D
Acq: 20 Dec 2018 14:30

Tgt Ion:330 Resp: 245005
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 43.7 39.0 58.4

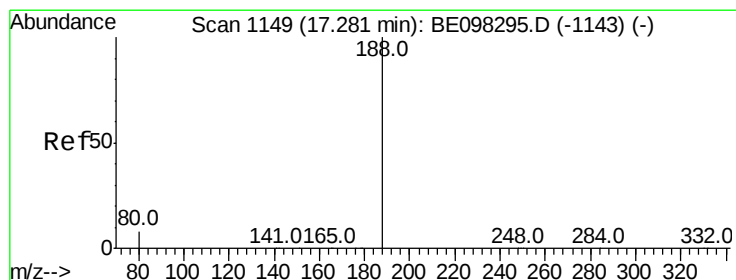
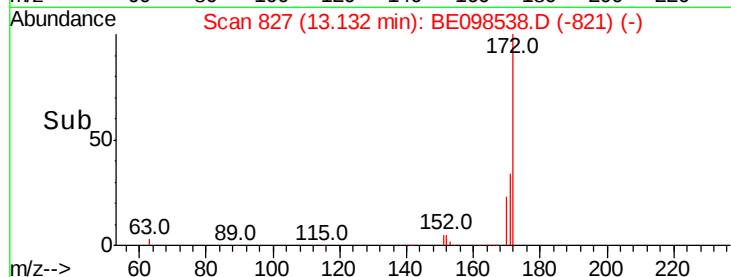
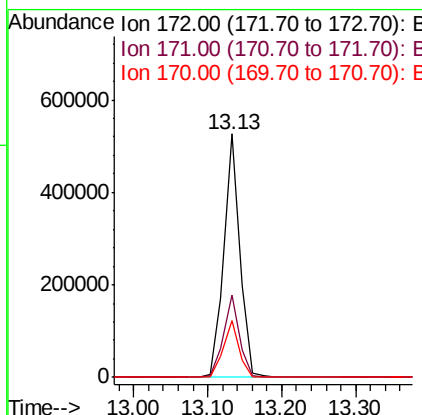
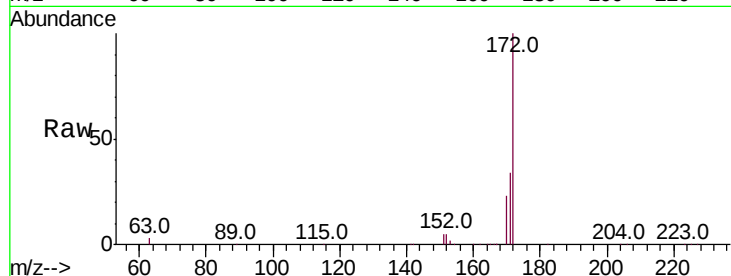




#15
2-Fluorobiphenyl
Concen: 1.629 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098538.D
Acq: 20 Dec 2018 14:30

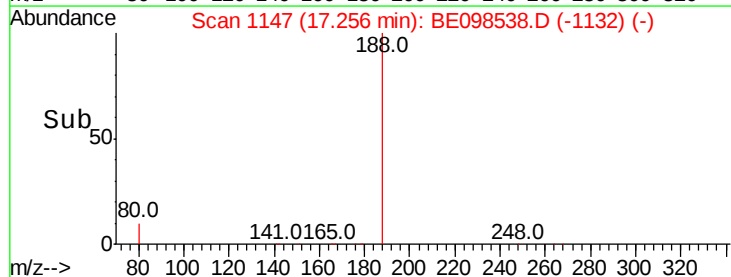
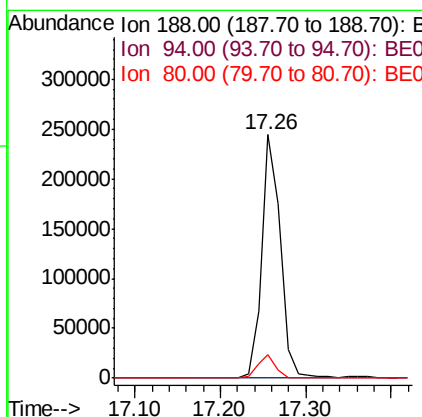
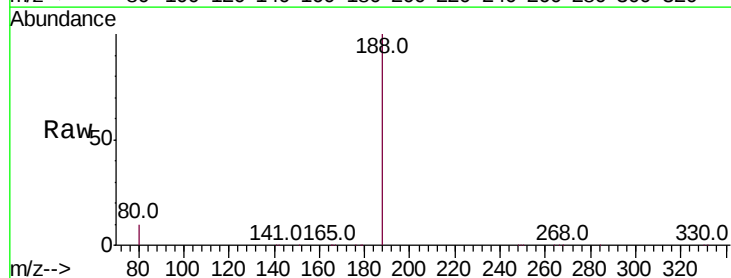
Instrument :
BNA_E
ClientSampleId :
TWP-01

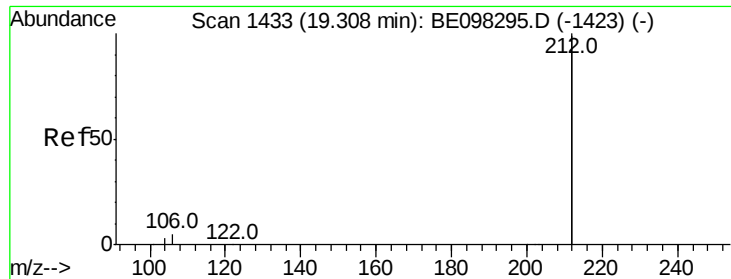
Tot Ion:172 Resp: 795336
Ion Ratio Lower Upper
172 100
171 33.6 27.5 41.3
170 23.1 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.26 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BE098538.D
Acq: 20 Dec 2018 14:30

Tgt Ion:188 Resp: 369739
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.2 10.8





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

Instrument :

BNA_E

ClientSampleId :

TWP-01

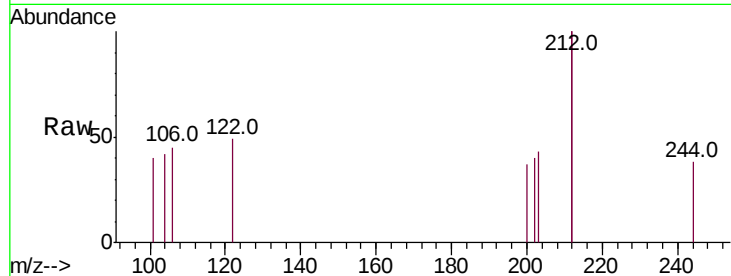
Tot Ion:212 Resp: 137

Ion Ratio Lower Upper

212 100

106 12.4 2.2 3.2#

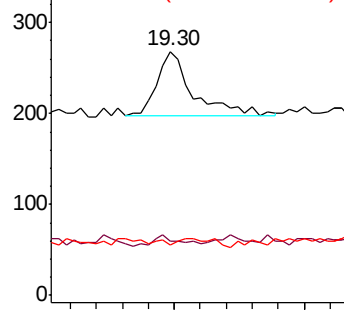
104 0.0 1.3 1.9#



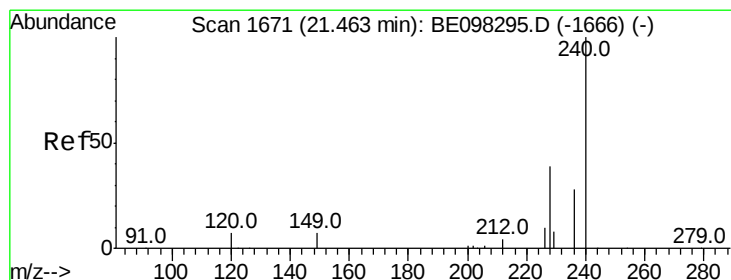
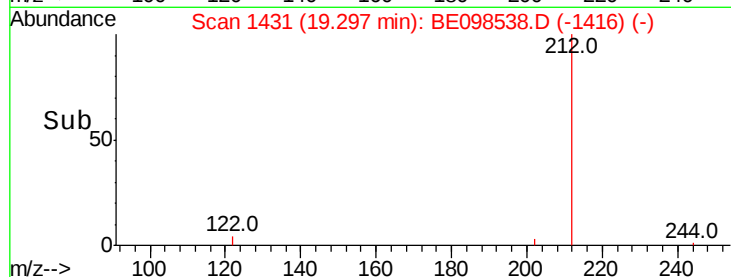
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

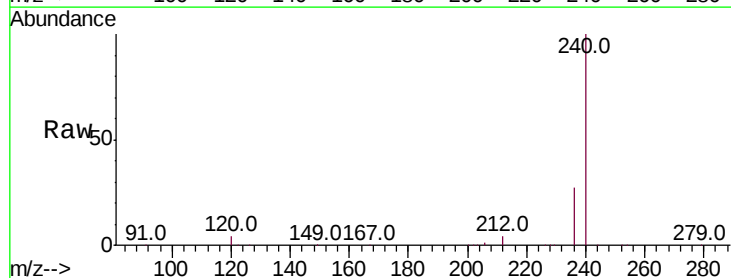
Tgt Ion:240 Resp: 561915

Ion Ratio Lower Upper

240 100

120 3.6 9.5 14.3#

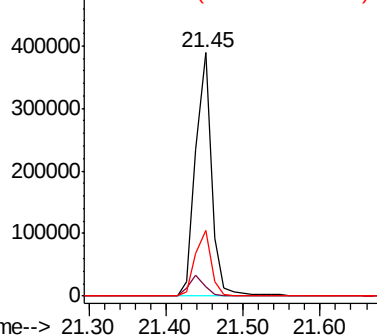
236 27.0 22.7 34.1



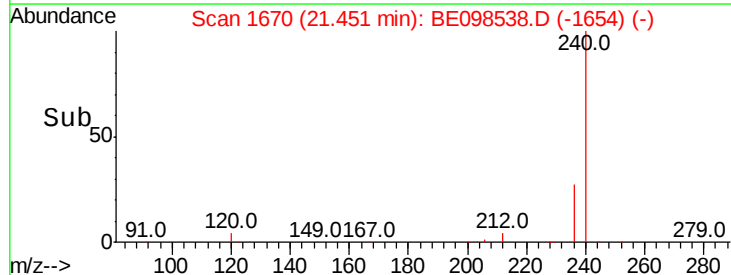
Abundance Ion 240.00 (239.70 to 240.70): E

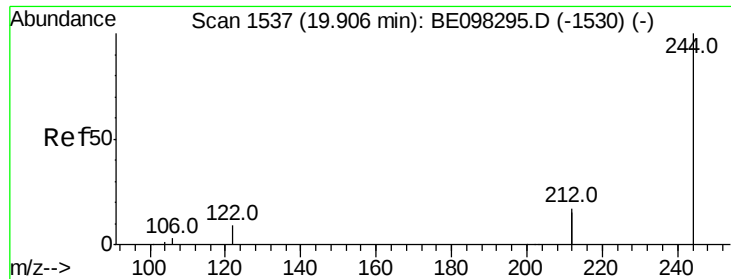
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 1.738 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

Instrument :

BNA_E

ClientSampleId :

TWP-01

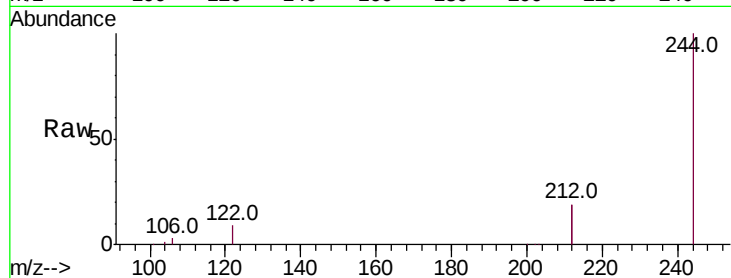
Tot Ion:244 Resp: 2372931

Ion Ratio Lower Upper

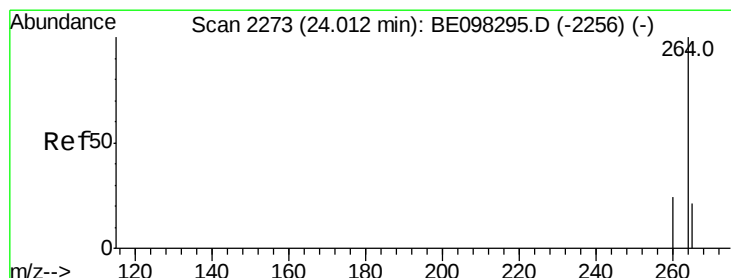
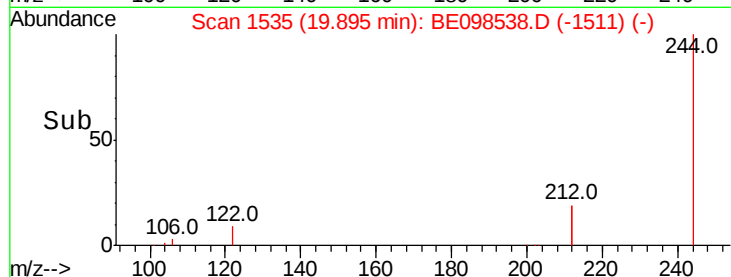
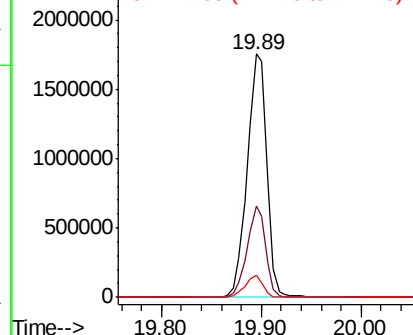
244 100

212 37.4 27.4 41.0

122 9.0 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# 2266

Delta R.T. -0.02 min

Lab File: BE098538.D

Acq: 20 Dec 2018 14:30

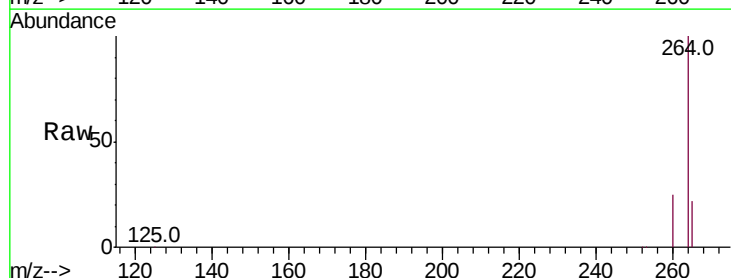
Tgt Ion:264 Resp: 516106

Ion Ratio Lower Upper

264 100

260 25.1 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

