

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 05:02:52 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

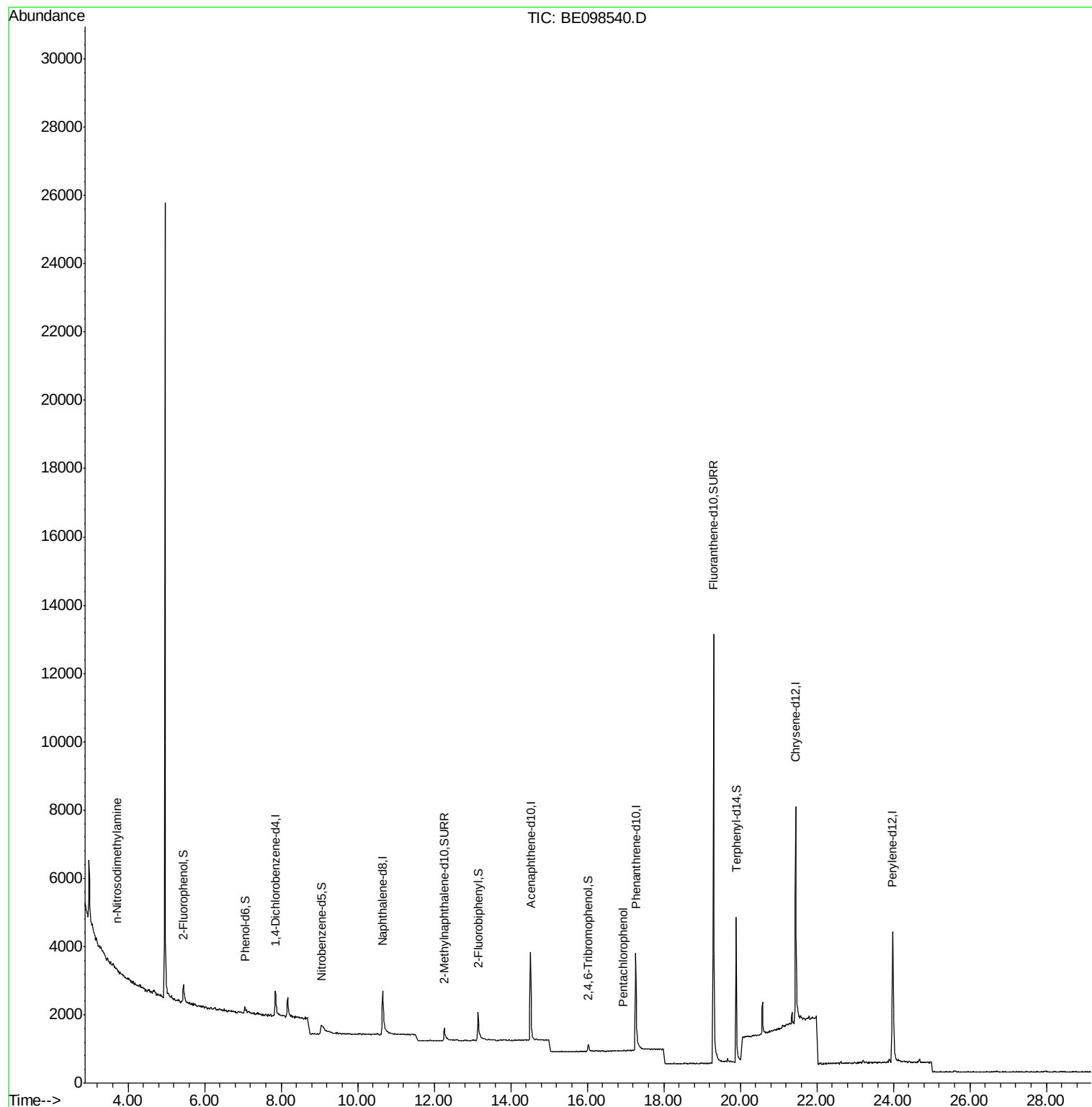
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.70	42	39	0.046	ng	# 100
22) Pentachlorophenol	16.94	266	10	0.035	ng	# 78

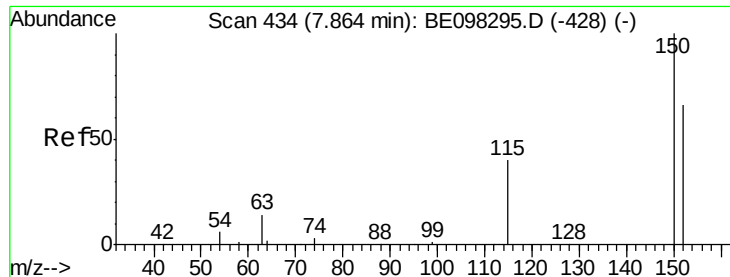
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

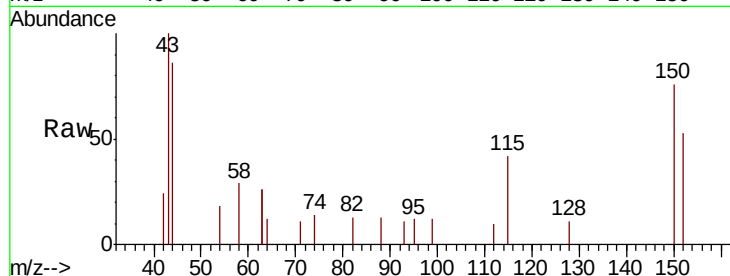
Tgt Ion: 152 Resp: 547

Ion Ratio Lower Upper

152 100

150 143.9 124.2 186.4

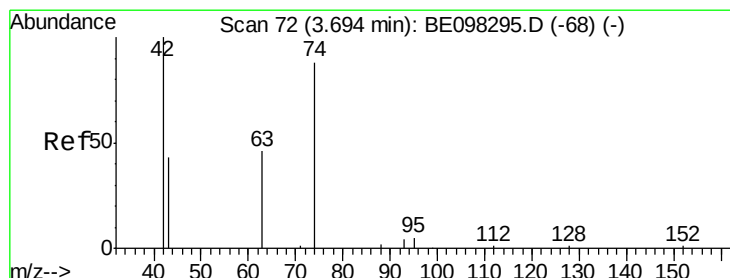
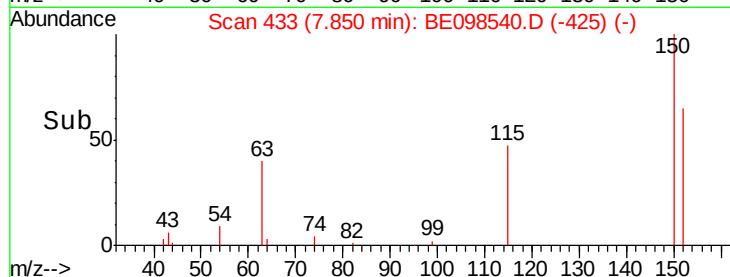
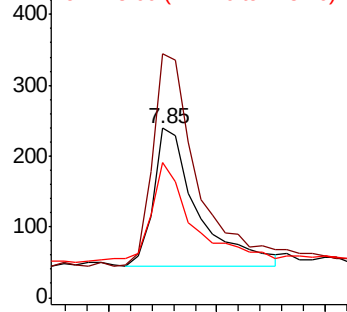
115 79.5 53.9 80.9



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



#3

n-Nitrosodimethylamine

Concen: 0.046 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

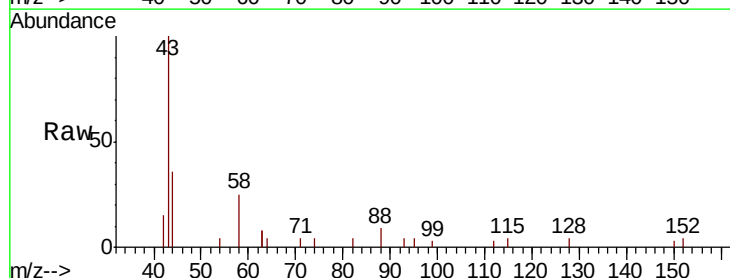
Tgt Ion: 42 Resp: 39

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

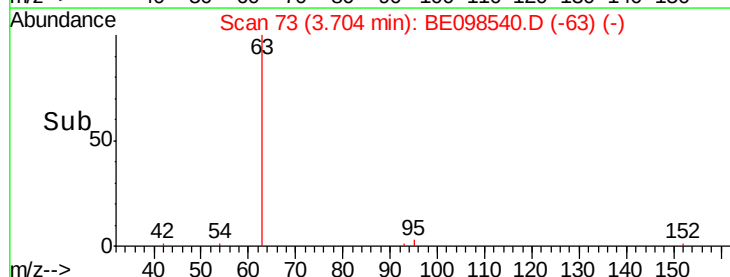
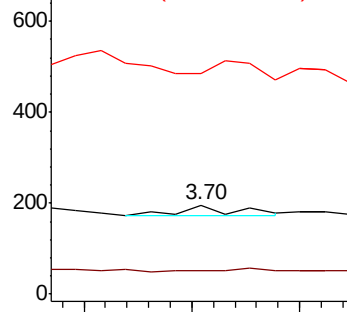
44 0.0 0.0 0.0

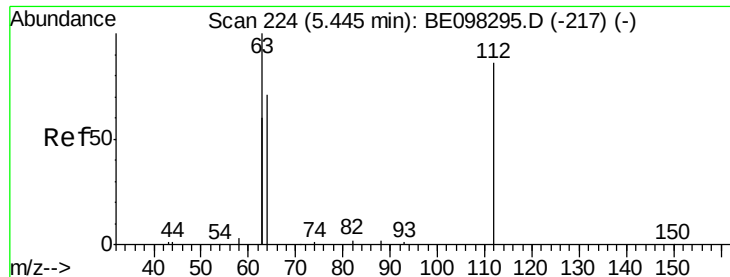


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

PB115810BL

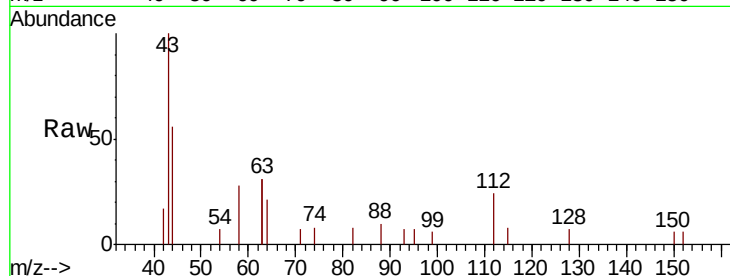
Tgt Ion: 112 Resp: 411

Ion Ratio Lower Upper

112 100

64 69.1 59.8 89.8

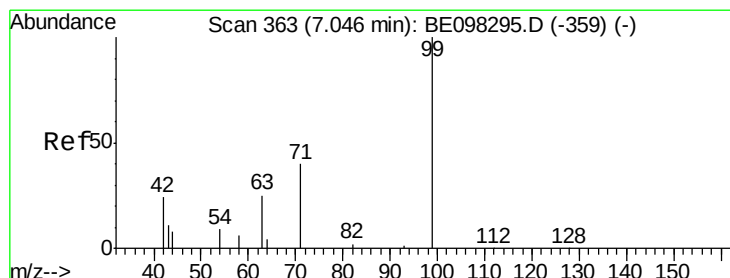
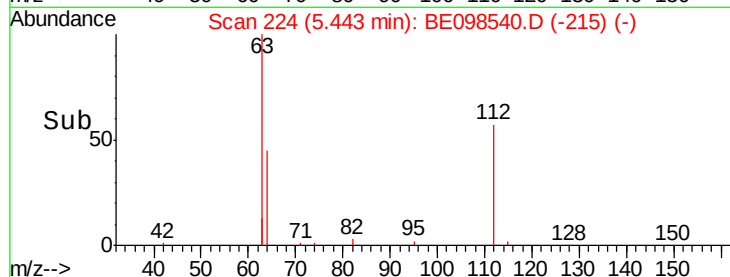
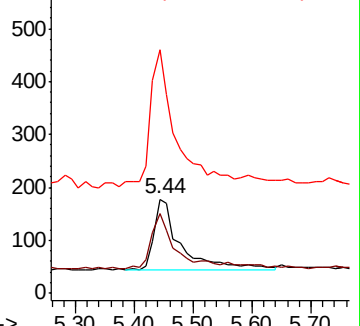
63 185.9 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

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

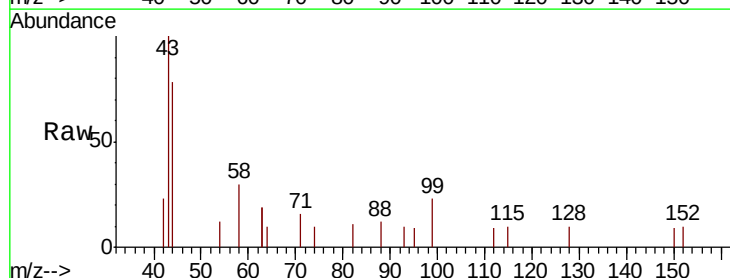
Tgt Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

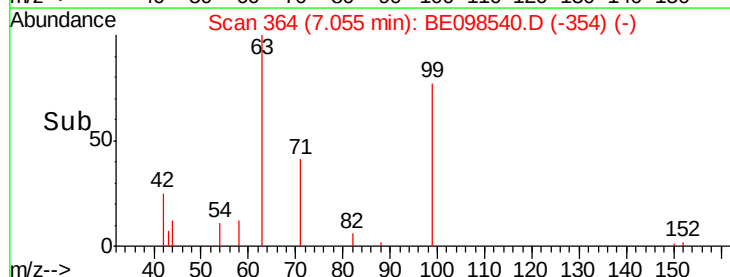
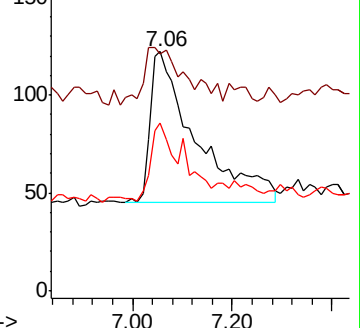
71 23.5 33.6 50.4#

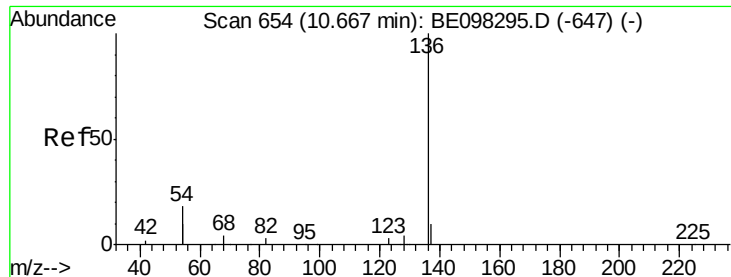


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

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

Instrument :

BNA_E

ClientSampleId :

PB115810BL

Tgt Ion: 136 Resp: 2387

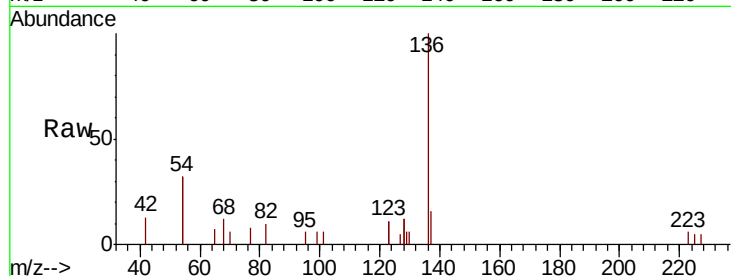
Ion Ratio Lower Upper

136 100

137 16.1 9.2 13.8#

54 64.5 28.4 42.6#

68 11.9 5.4 8.0#

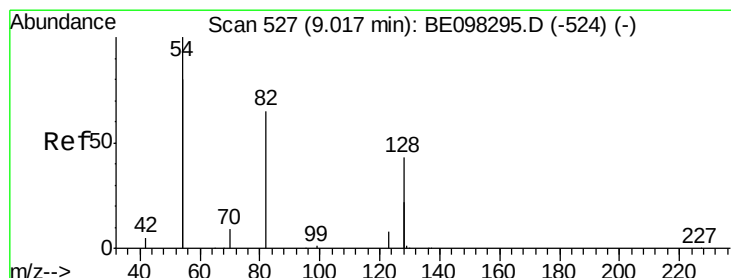
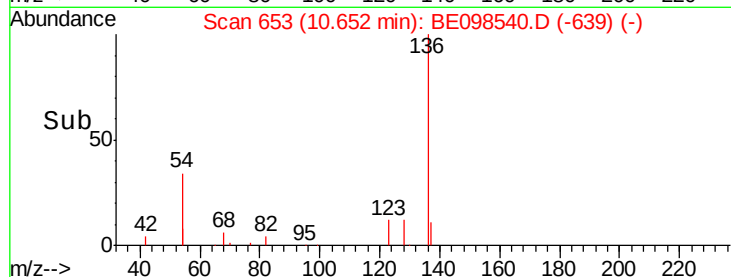
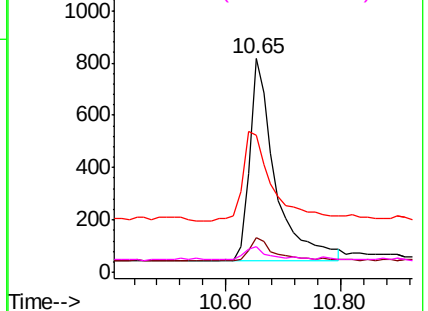


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

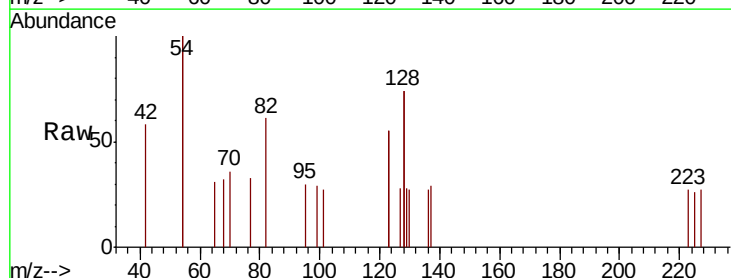
Tgt Ion: 82 Resp: 376

Ion Ratio Lower Upper

82 100

128 240.8 102.4 153.6#

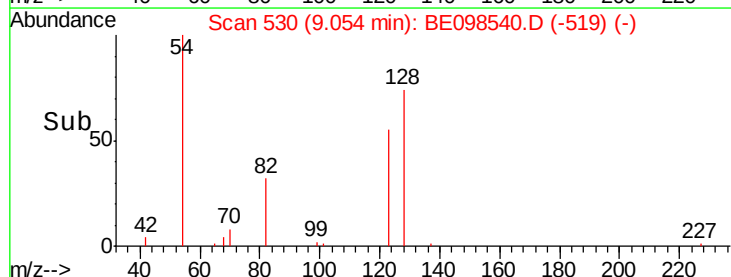
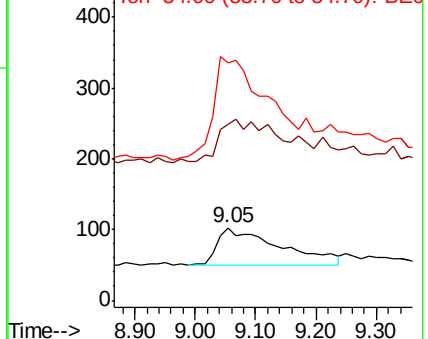
54 326.2 221.8 332.8

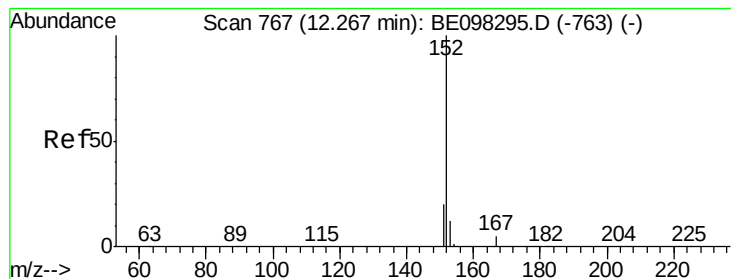


Abundance Ion 82.00 (81.70 to 82.70): BE0

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

Instrument :

BNA_E

ClientSampleId :

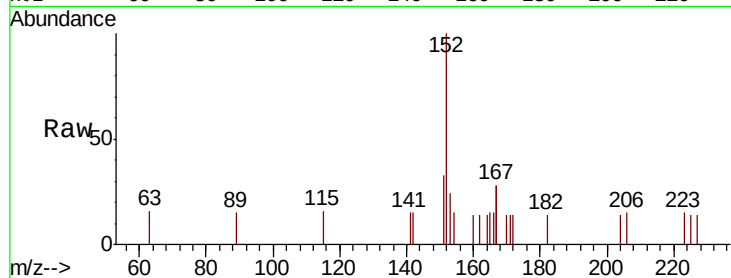
PB115810BL

Tgt Ion:152 Resp: 1017

Ion Ratio Lower Upper

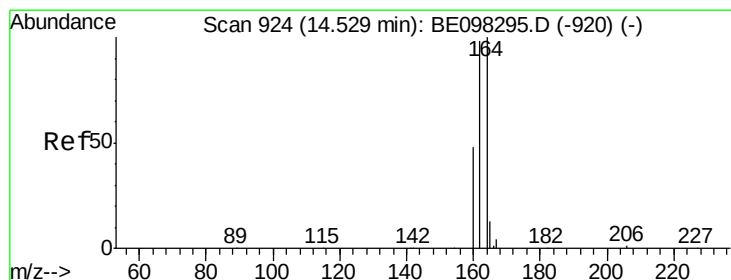
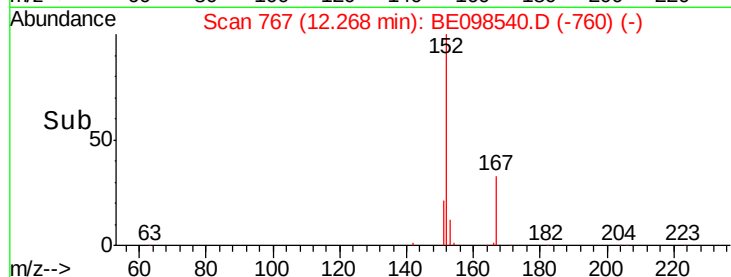
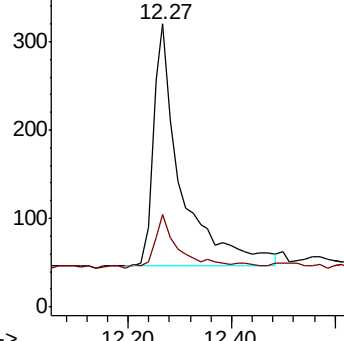
152 100

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

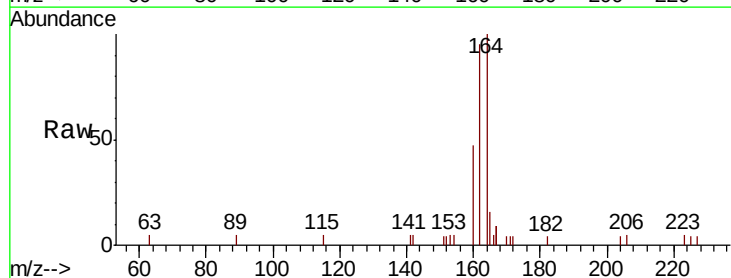
Tgt Ion:164 Resp: 1872

Ion Ratio Lower Upper

164 100

162 94.6 77.6 116.4

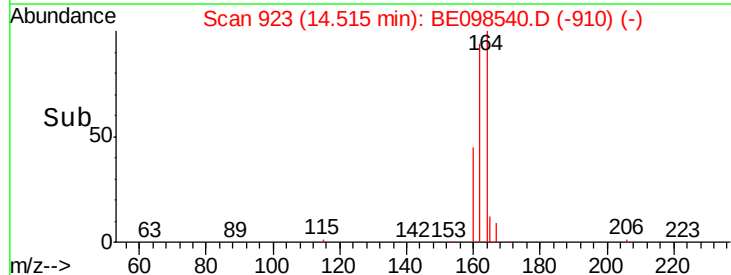
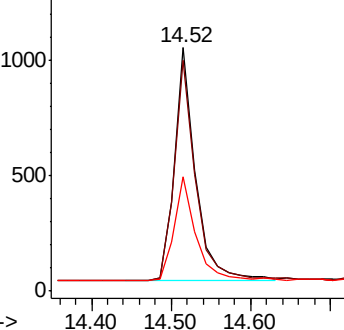
160 47.0 36.0 54.0

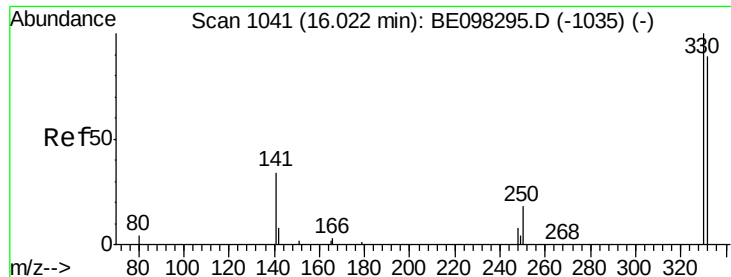


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

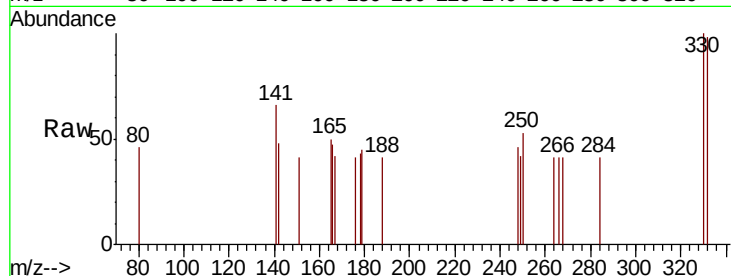




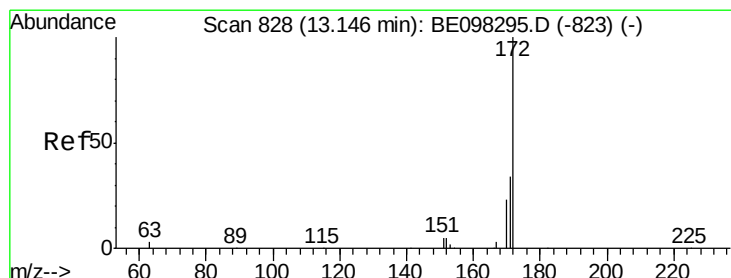
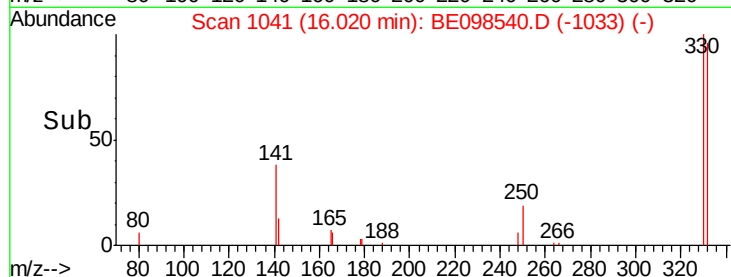
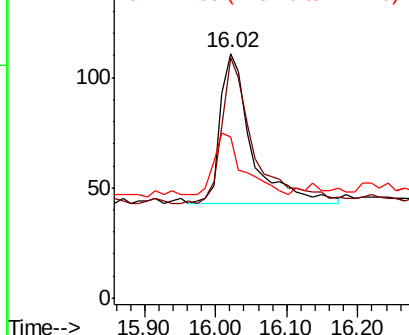
#14
 2,4,6-Tribromophenol
 Concen: 0.303 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

Instrument :
 BNA_E
 ClientSampled :
 PB115810BL

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#

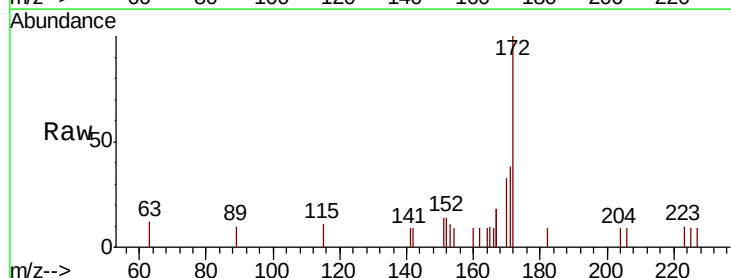


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

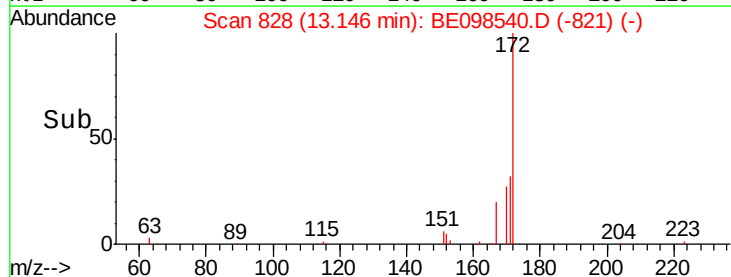
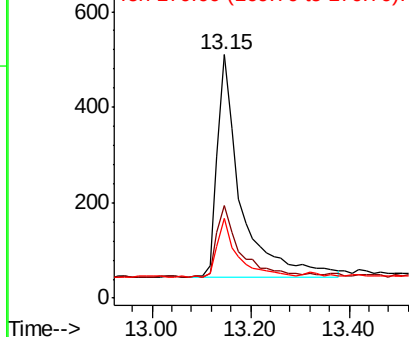


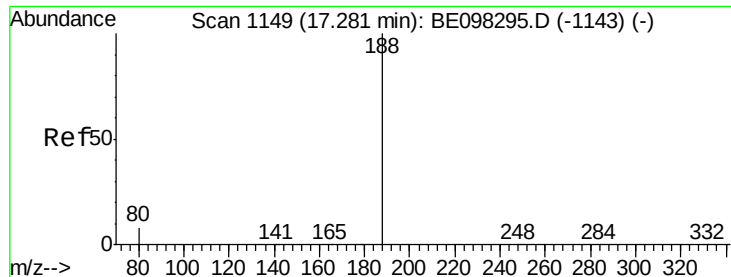
#15
 2-Fluorobiphenyl
 Concen: 0.193 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

Tgt Ion: 172 Resp: 1520
 Ion Ratio Lower Upper
 172 100
 171 38.0 27.5 41.3
 170 32.9 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

Instrument :

BNA_E

ClientSampleId :

PB115810BL

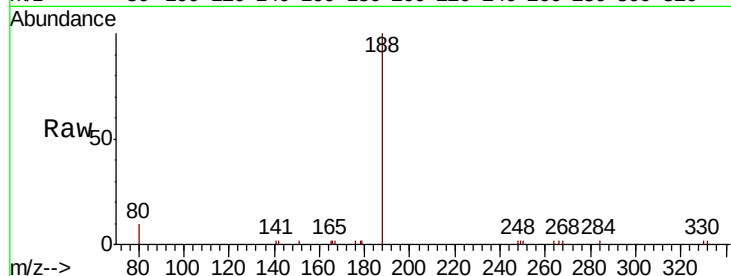
Tgt Ion:188 Resp: 6008

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

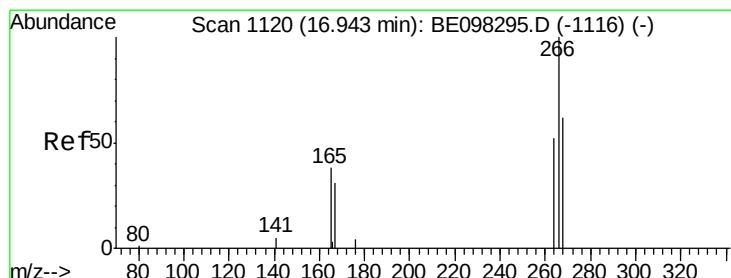
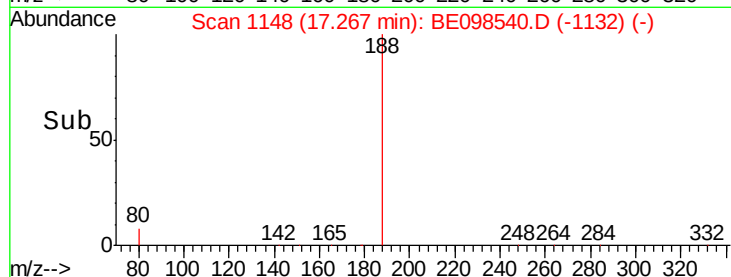
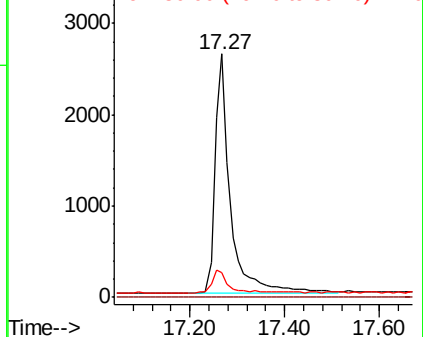
80 10.0 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.035 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098540.D

Acq: 20 Dec 2018 15:45

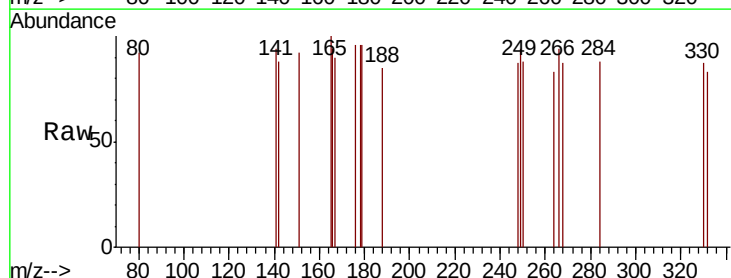
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 87.8 59.0 88.4

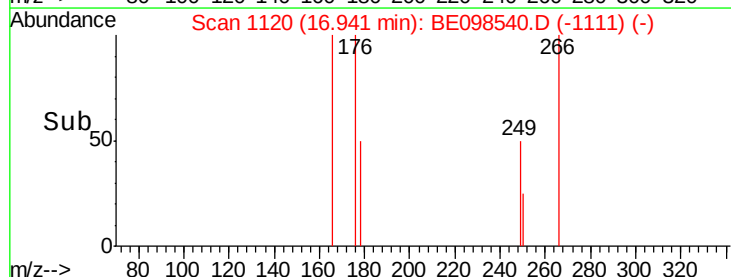
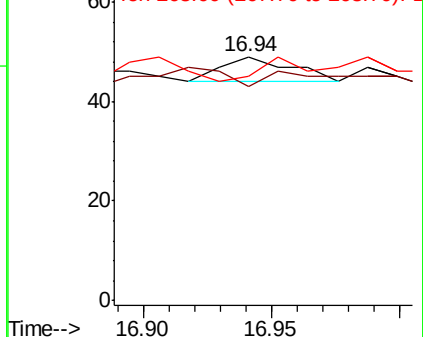
268 91.8 55.1 82.7#

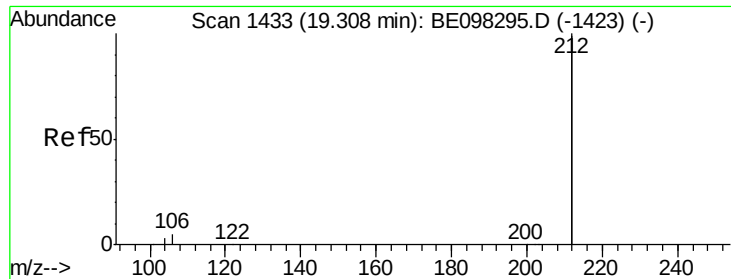


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

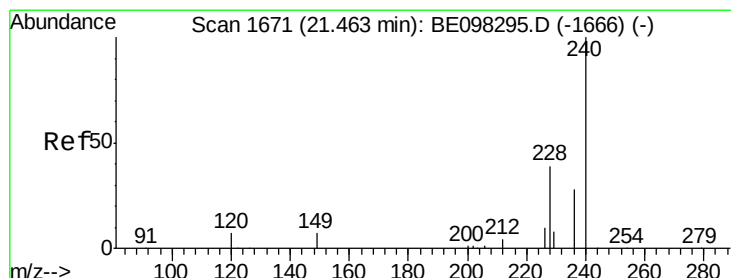
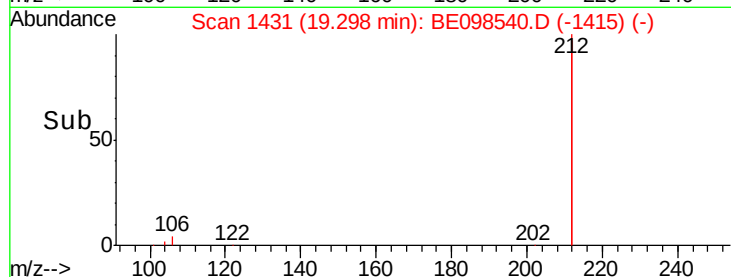
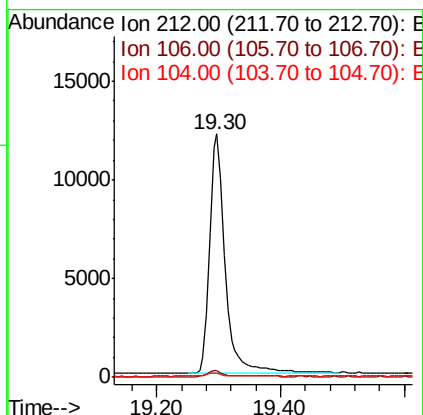
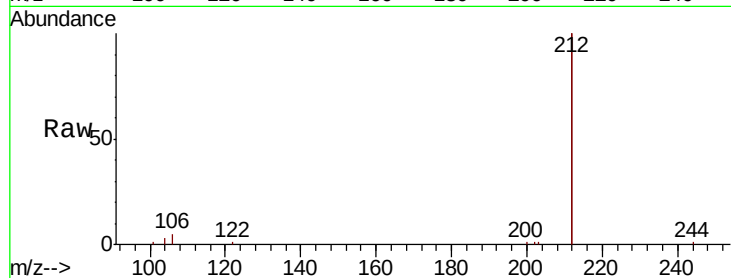




#25
 Fluoranthene-d10
 Concen: 0.281 ng
 RT: 19.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BE098540.D
 Acq: 20 Dec 2018 15:45

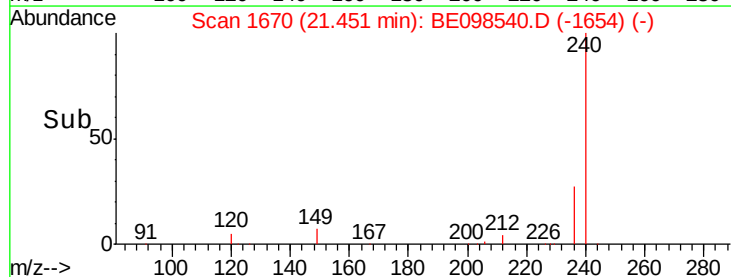
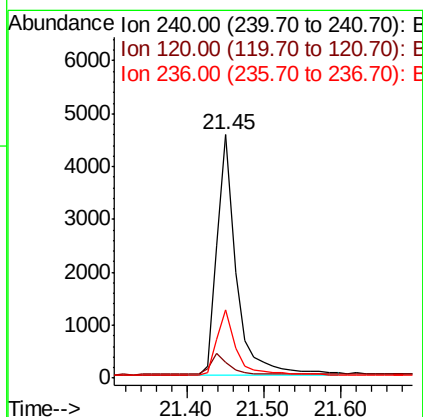
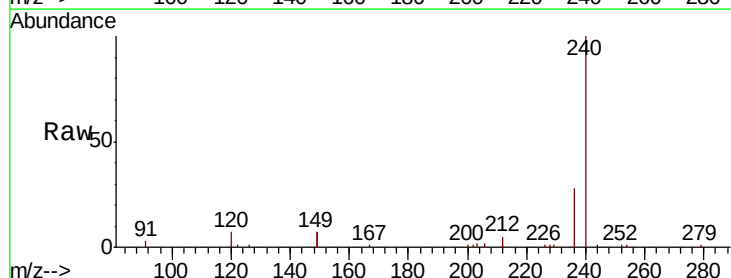
Instrument :
 BNA_E
 ClientSampleId :
 PB115810BL

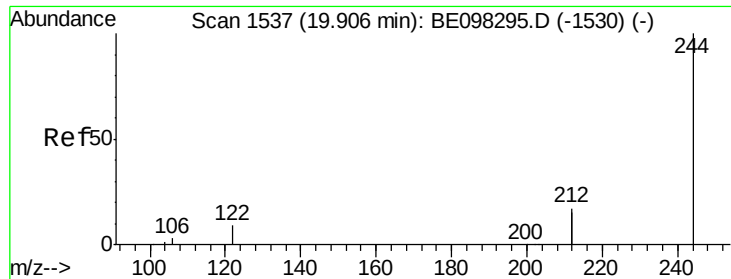
Tgt Ion: 212 Resp: 21690
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: 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





#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

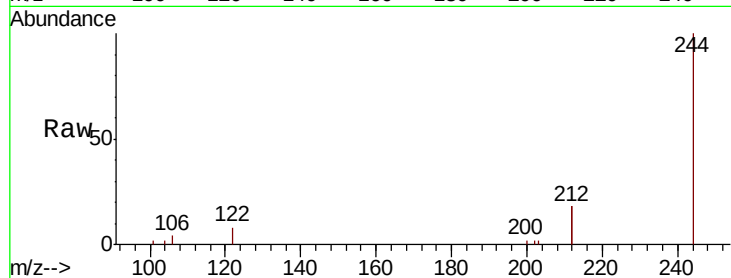
Tgt Ion:244 Resp: 4701

Ion Ratio Lower Upper

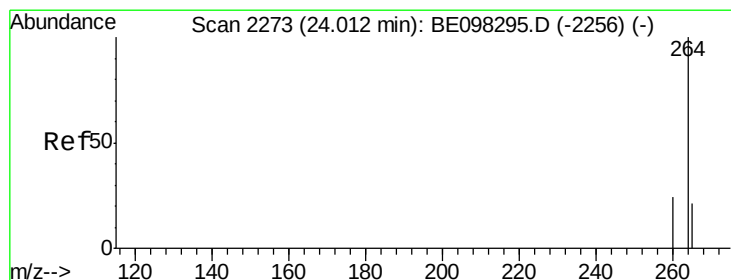
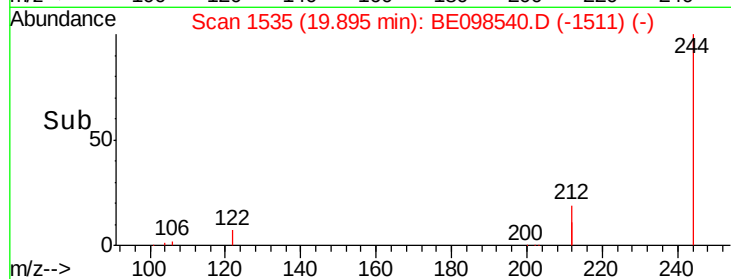
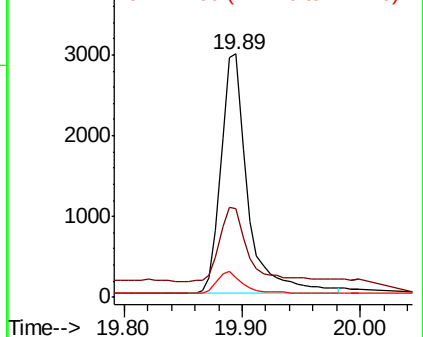
244 100

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

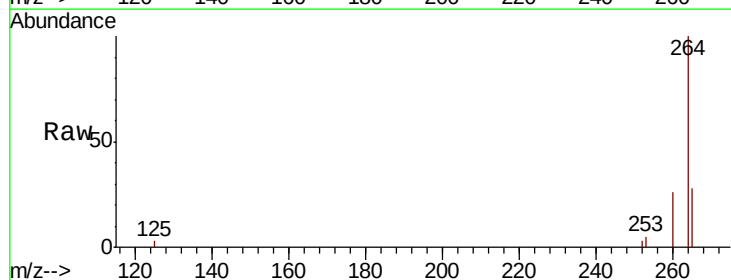
Tgt Ion:264 Resp: 6749

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

