

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098392.D
 Acq On : 13 Dec 2018 12:10
 Operator : SJ/JU
 Sample : J6325-08DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 14:12:45 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	7.87	152	860	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	3892	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2663	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7038	0.40	ng	0.00
27) Chrysene-d12	21.46	240	7965	0.40	ng	0.00
34) Perylene-d12	24.01	264	7340	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	37	0.02	ng	0.02
5) Phenol-d6	7.08	99	20	0.01	ng	0.03
8) Nitrobenzene-d5	8.96	82	12	0.00	ng	-0.05
11) 2-Methylnaphthalene-d10	12.30	152	268	0.04	ng	0.03
14) 2,4,6-Tribromophenol	16.04	330	52	0.05	ng	0.02
15) 2-Fluorobiphenyl	13.17	172	629	0.06	ng	0.03
25) Fluoranthene-d10	19.31	212	3875	0.04	ng	0.00
29) Terphenyl-d14	19.91	244	853	0.04	ng	0.00

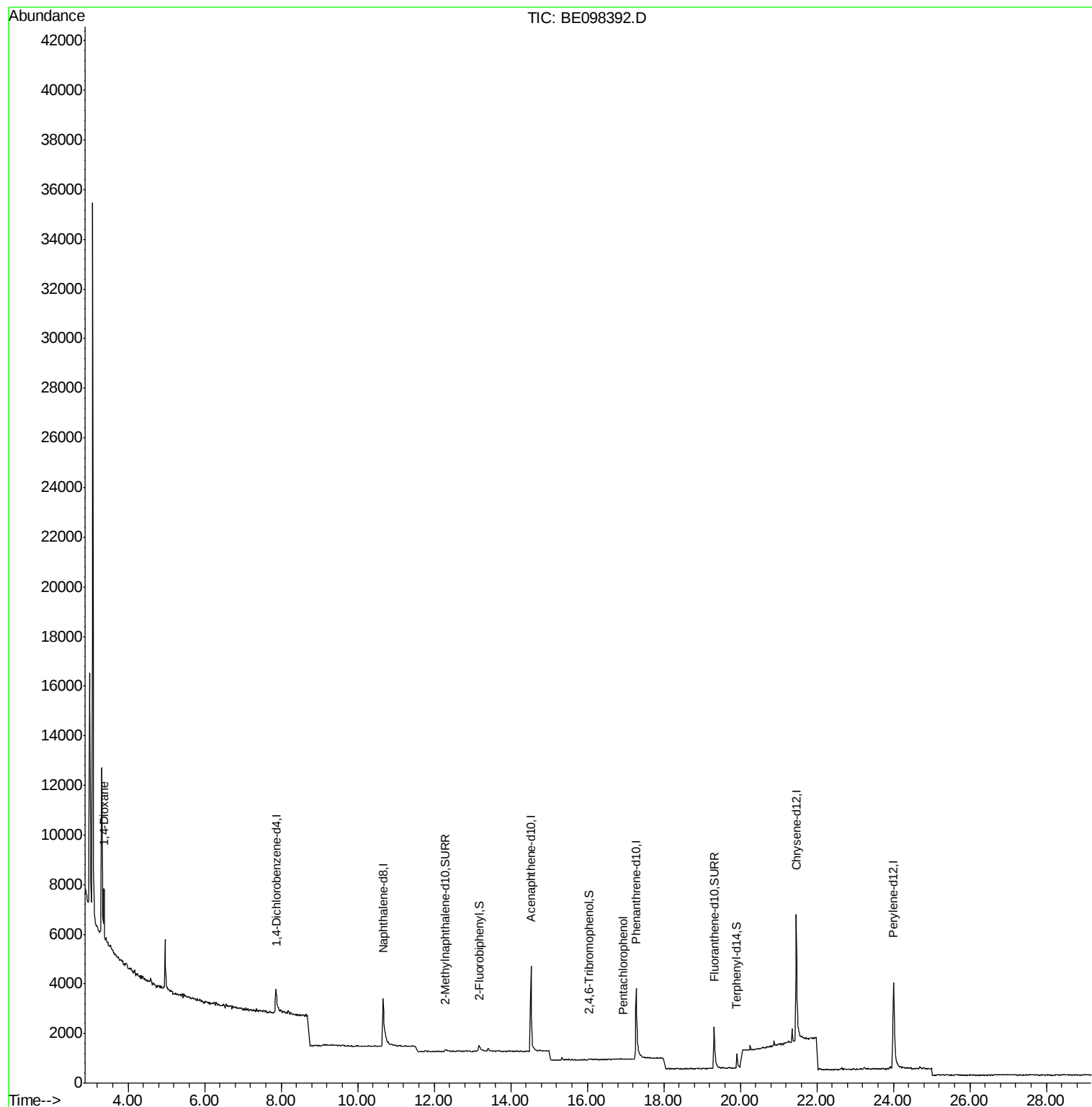
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	1265	0.851	ng	# 94
22) Pentachlorophenol	16.94	266	6	0.026	ng	# 69

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

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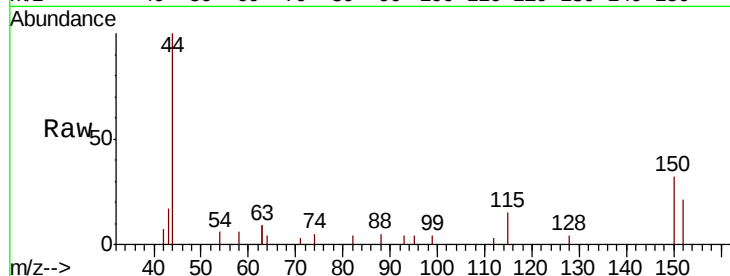


#1

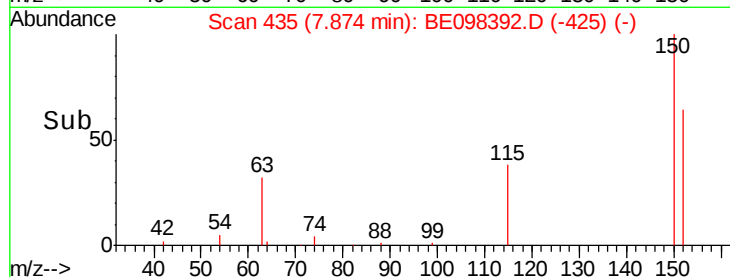
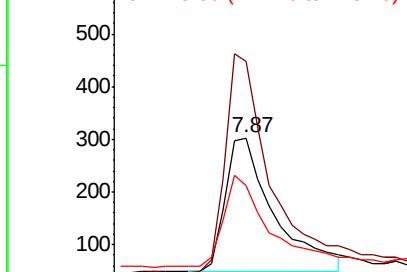
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.01 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 860
Ion Ratio Lower Upper
152 100
150 148.0 124.2 186.4
115 69.9 53.9 80.9



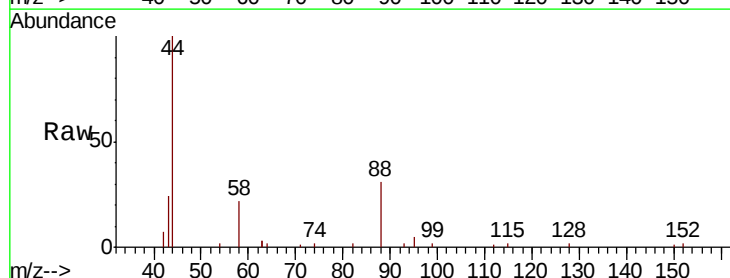
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



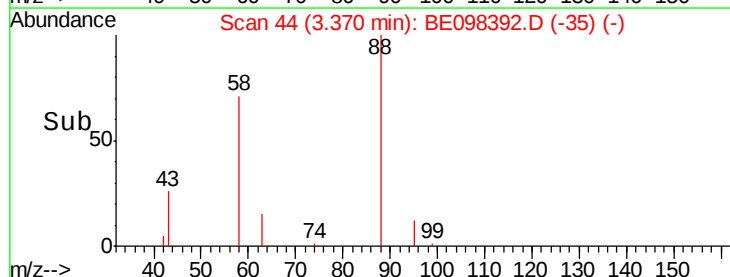
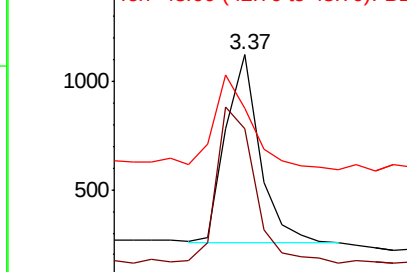
#2

1,4-Dioxane
Concen: 0.851 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Tgt Ion: 88 Resp: 1265
Ion Ratio Lower Upper
88 100
58 93.9 75.0 112.6
43 59.7 38.3 57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.018 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

ClientSampleId :

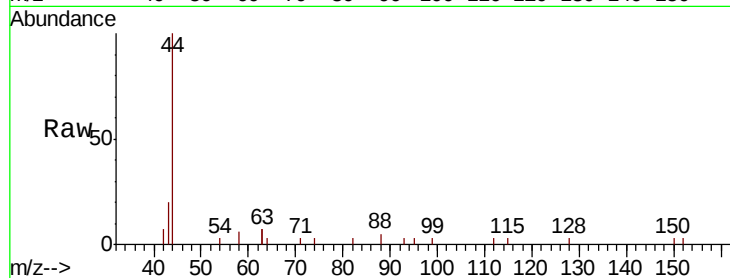
Tot Ion:112 Resp: 37

Ion Ratio Lower Upper

112 100

64 83.8 59.8 89.8

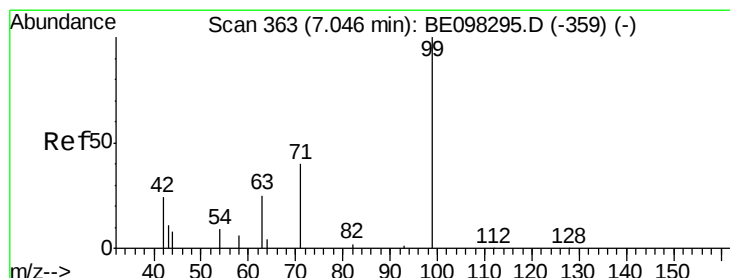
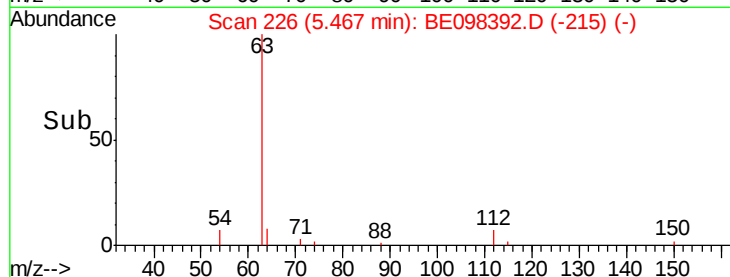
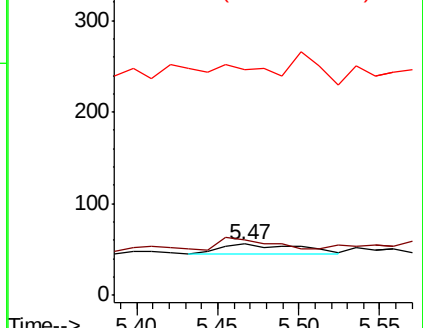
63 0.0 133.7 200.5#



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: 0.007 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

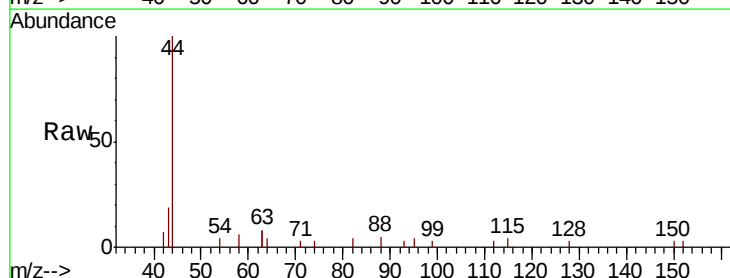
Tgt Ion: 99 Resp: 20

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

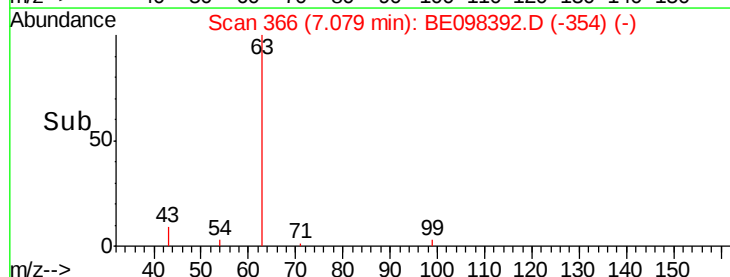
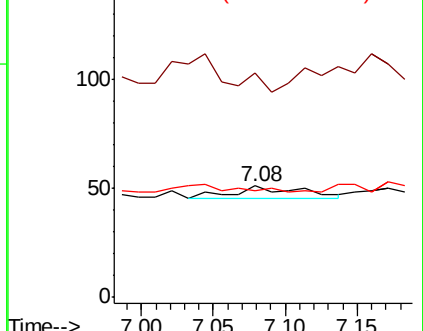
71 0.0 33.6 50.4#



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: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 3892

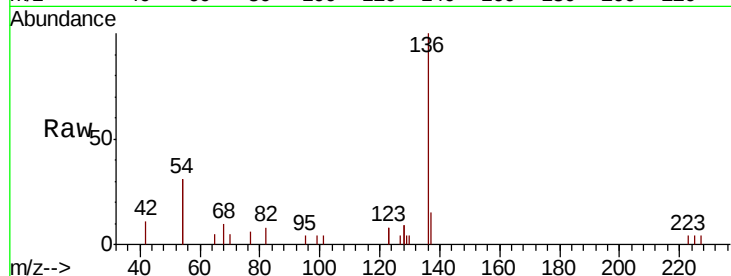
Ion Ratio Lower Upper

136 100

137 15.1 9.2 13.8#

54 61.1 28.4 42.6#

68 10.3 5.4 8.0#

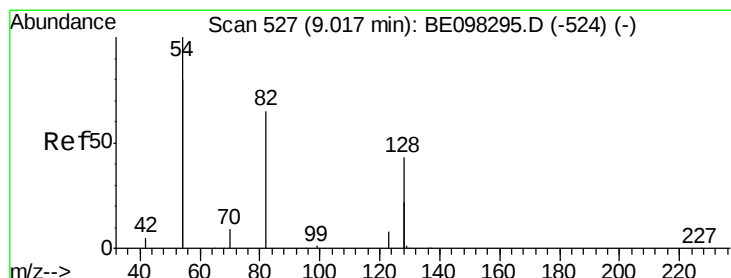
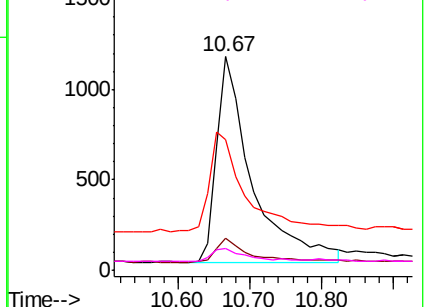
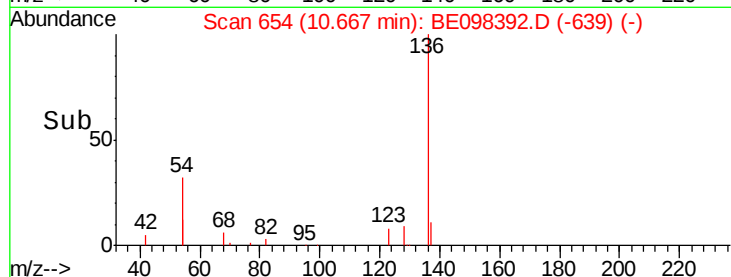


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.003 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.05 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

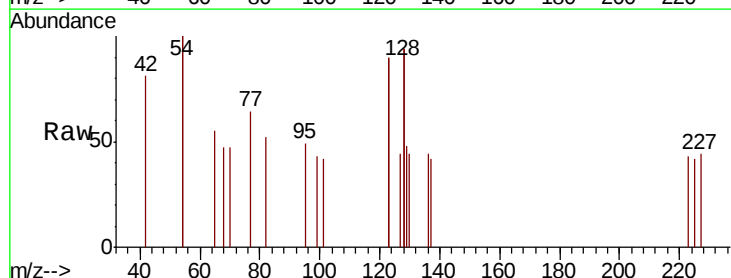
Tgt Ion: 82 Resp: 12

Ion Ratio Lower Upper

82 100

128 364.3 102.4 153.6#

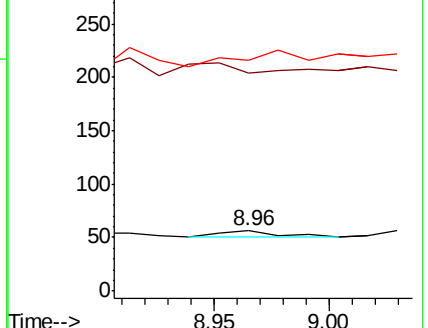
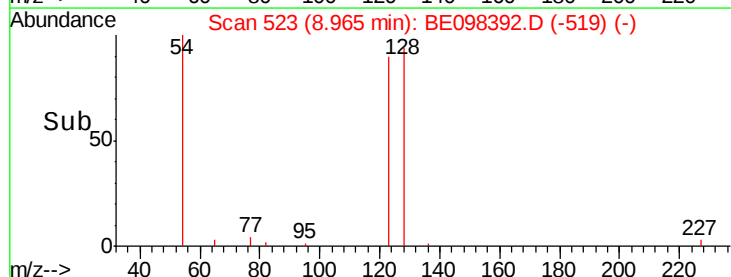
54 385.7 221.8 332.8#



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

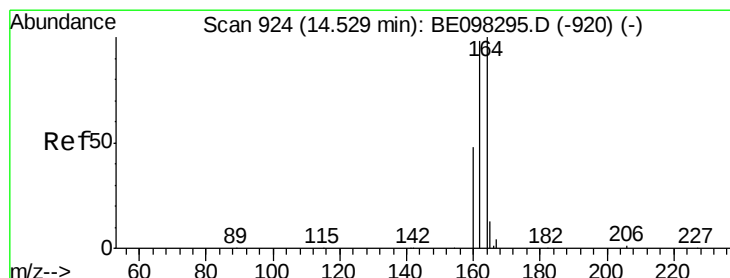
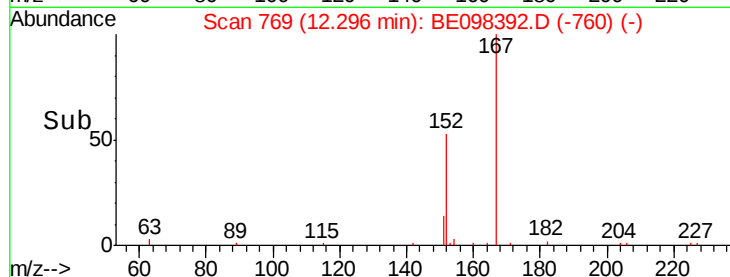
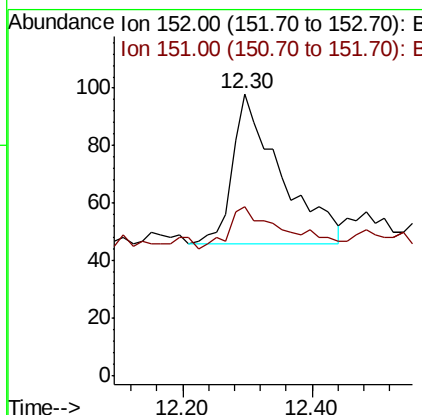
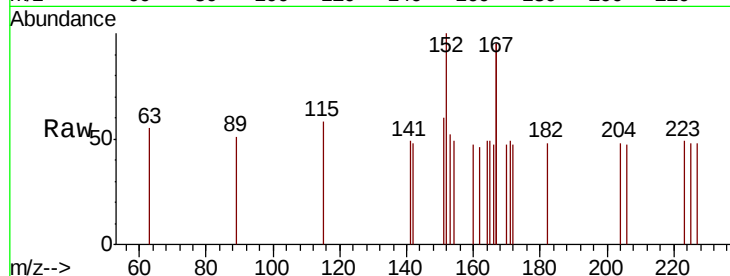




#11
 2-Methylnaphthalene-d10
 Concen: 0.042 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.03 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

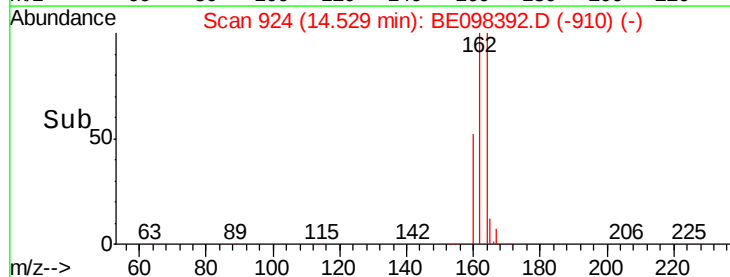
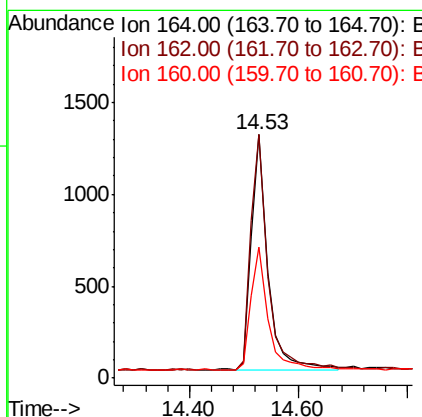
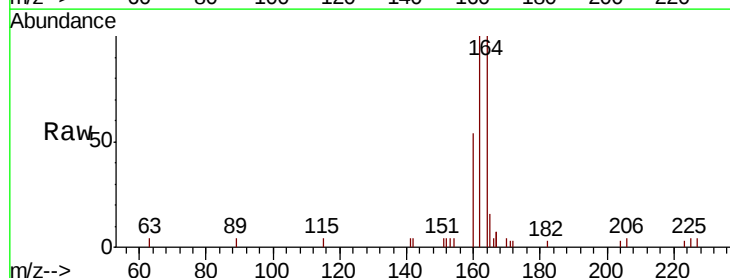
Instrument :
 BNA_E
 ClientSampleId :

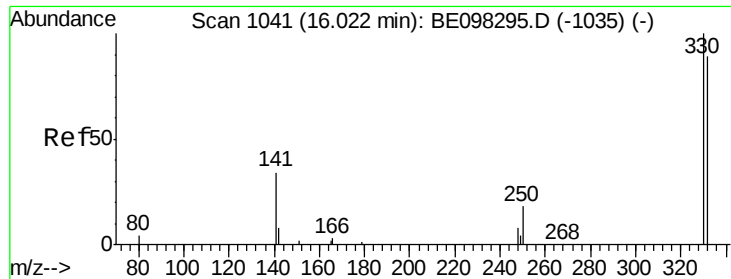
Tot Ion:152 Resp: 268
 Ion Ratio Lower Upper
 152 100
 151 32.8 16.2 24.4#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Tgt Ion:164 Resp: 2663
 Ion Ratio Lower Upper
 164 100
 162 99.8 77.6 116.4
 160 53.8 36.0 54.0

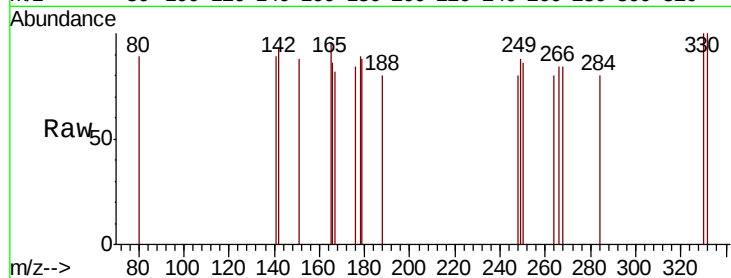




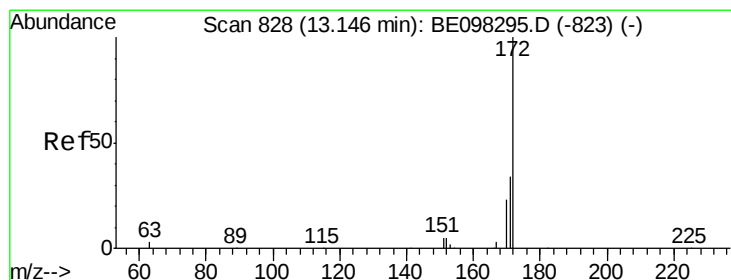
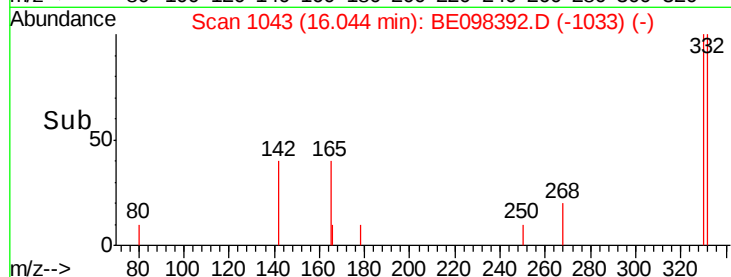
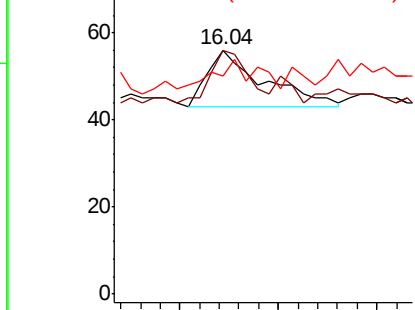
#14
 2,4,6-Tribromophenol
 Concen: 0.053 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 52
 Ion Ratio Lower Upper
 330 100
 332 59.6 76.2 114.4#
 141 38.5 39.0 58.4#

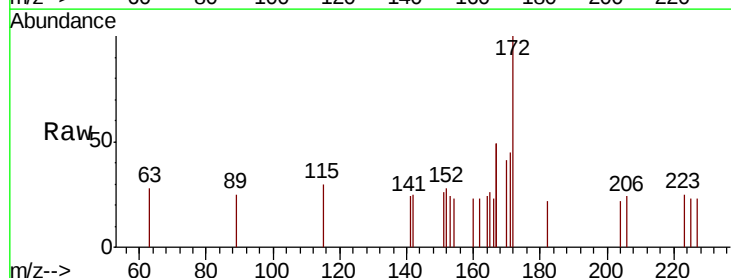


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

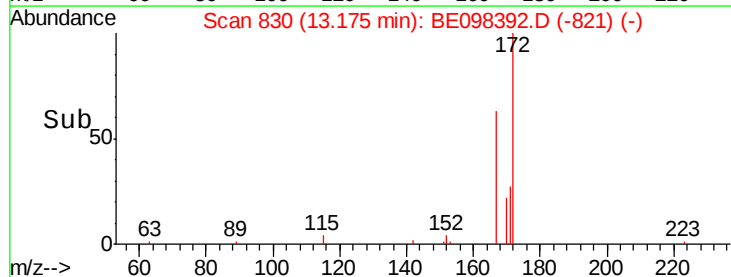
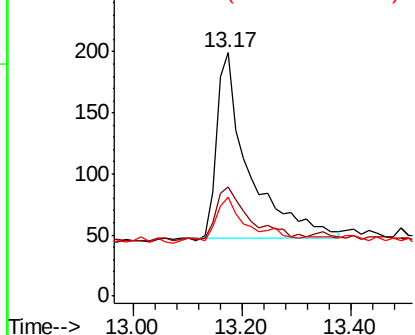


#15
 2-Fluorobiphenyl
 Concen: 0.056 ng
 RT: 13.17 min Scan# 830
 Delta R.T. 0.03 min
 Lab File: BE098392.D
 Acq: 13 Dec 2018 12:10

Tgt Ion:172 Resp: 629
 Ion Ratio Lower Upper
 172 100
 171 44.7 27.5 41.3#
 170 40.7 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

ClientSampleId :

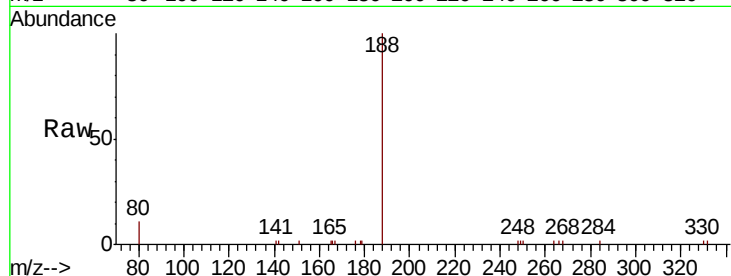
Tot Ion:188 Resp: 7038

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

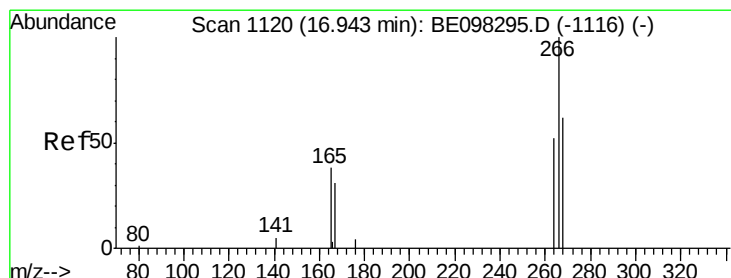
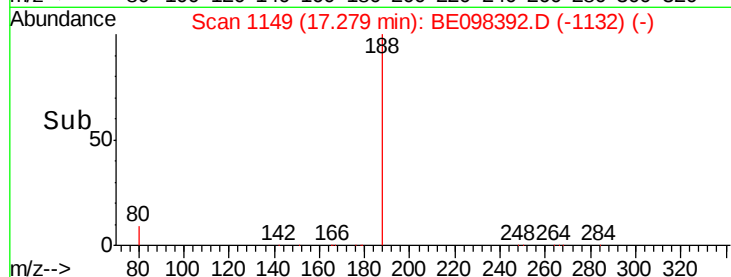
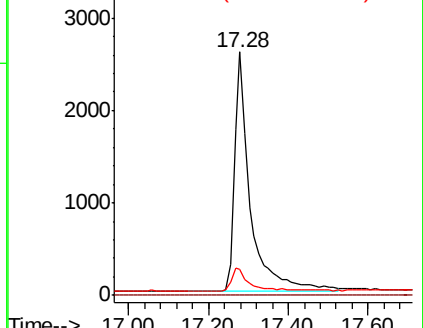
80 10.7 7.2 10.8



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: 0.026 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

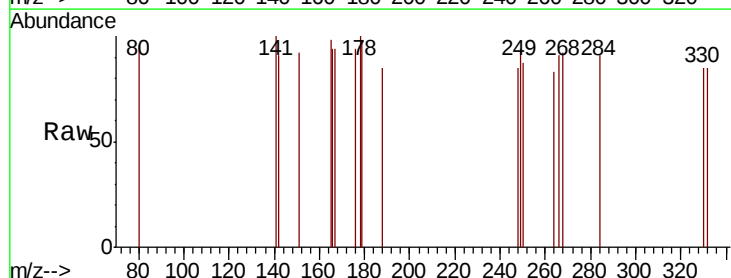
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 91.7 59.0 88.4#

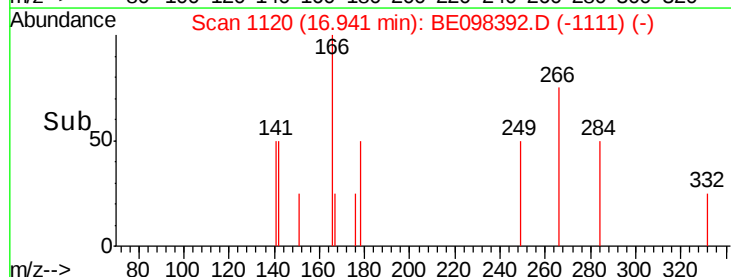
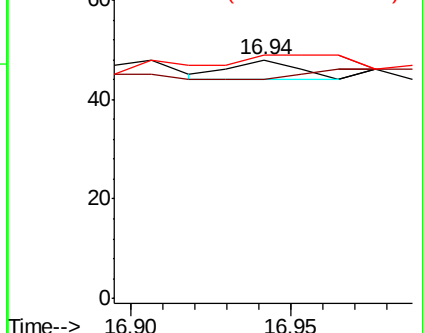
268 102.1 55.1 82.7#

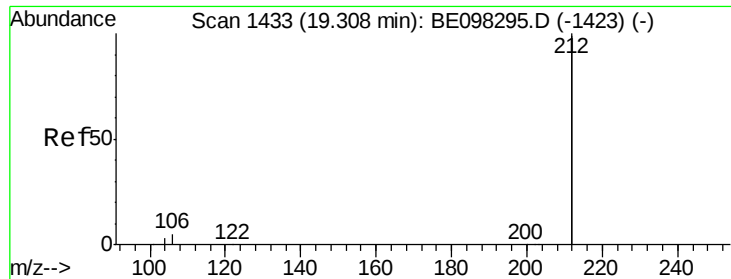


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

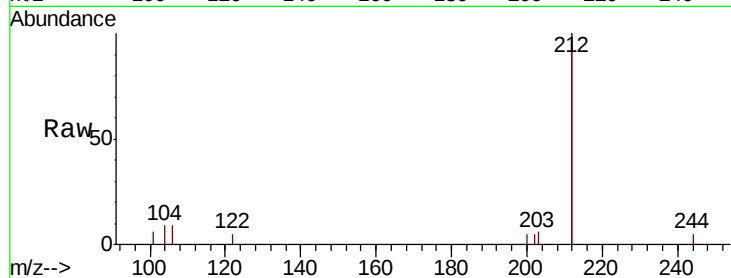




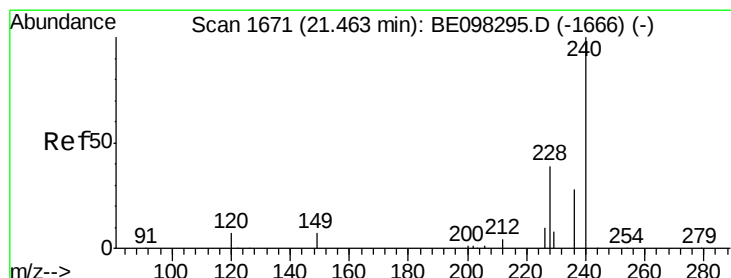
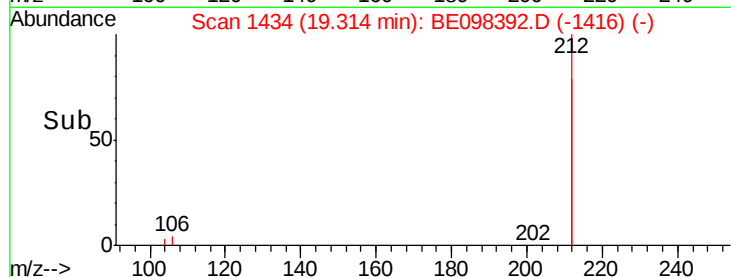
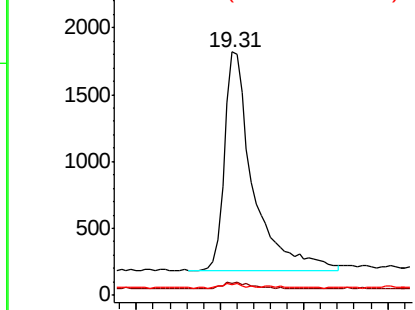
#25
Fluoranthene-d10
Concen: 0.043 ng
RT: 19.31 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 3875
Ion Ratio Lower Upper
212 100
106 3.0 2.2 3.2
104 1.4 1.3 1.9

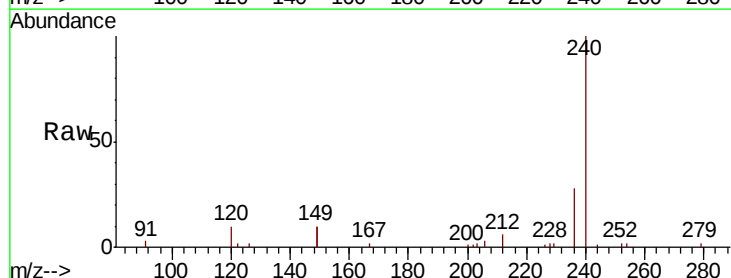


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

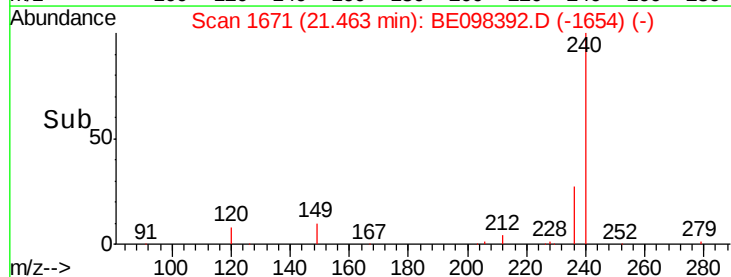
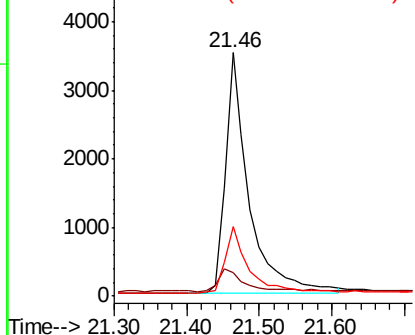


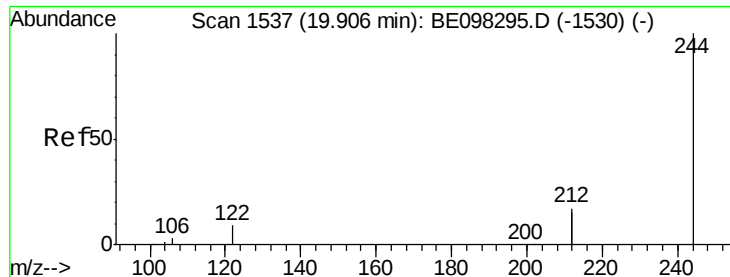
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098392.D
Acq: 13 Dec 2018 12:10

Tgt Ion:240 Resp: 7965
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 28.4 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: 0.044 ng

RT: 19.91 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

Instrument :

BNA_E

ClientSampled :

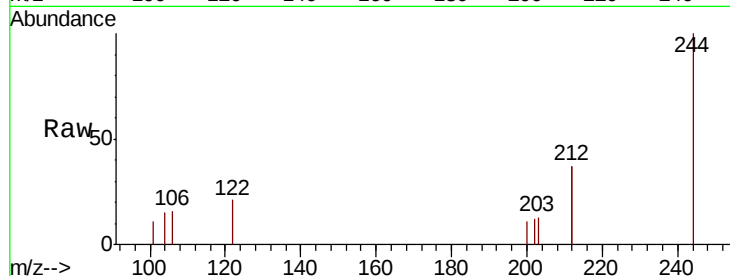
Tot Ion:244 Resp: 853

Ion Ratio Lower Upper

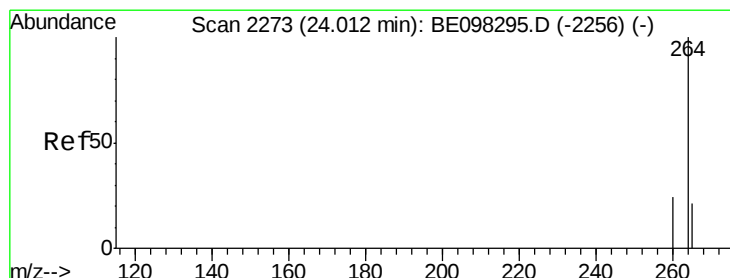
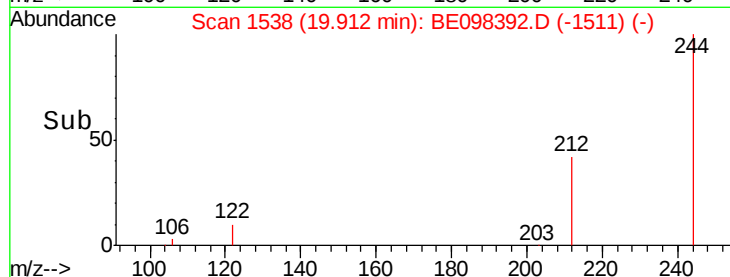
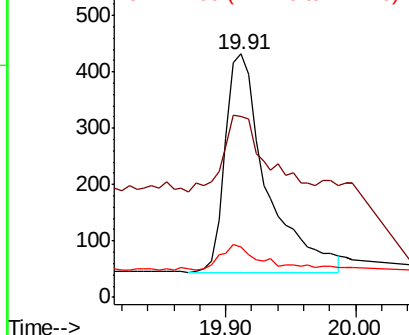
244 100

212 74.1 27.4 41.0#

122 20.8 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: 24.01 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098392.D

Acq: 13 Dec 2018 12:10

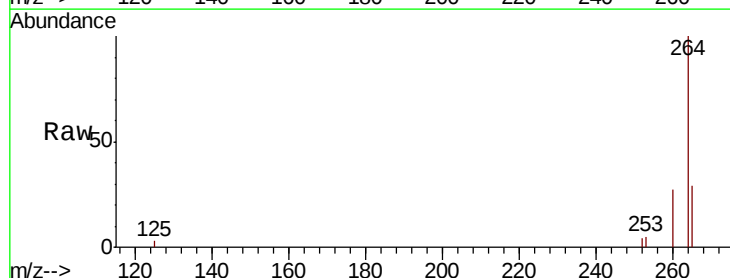
Tgt Ion:264 Resp: 7340

Ion Ratio Lower Upper

264 100

260 27.3 20.2 30.2

265 29.0 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

