

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098393.D
 Acq On : 13 Dec 2018 12:46
 Operator : SJ/JU
 Sample : J6324-01DL 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205DL

Quant Time: Dec 13 14:12:51 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

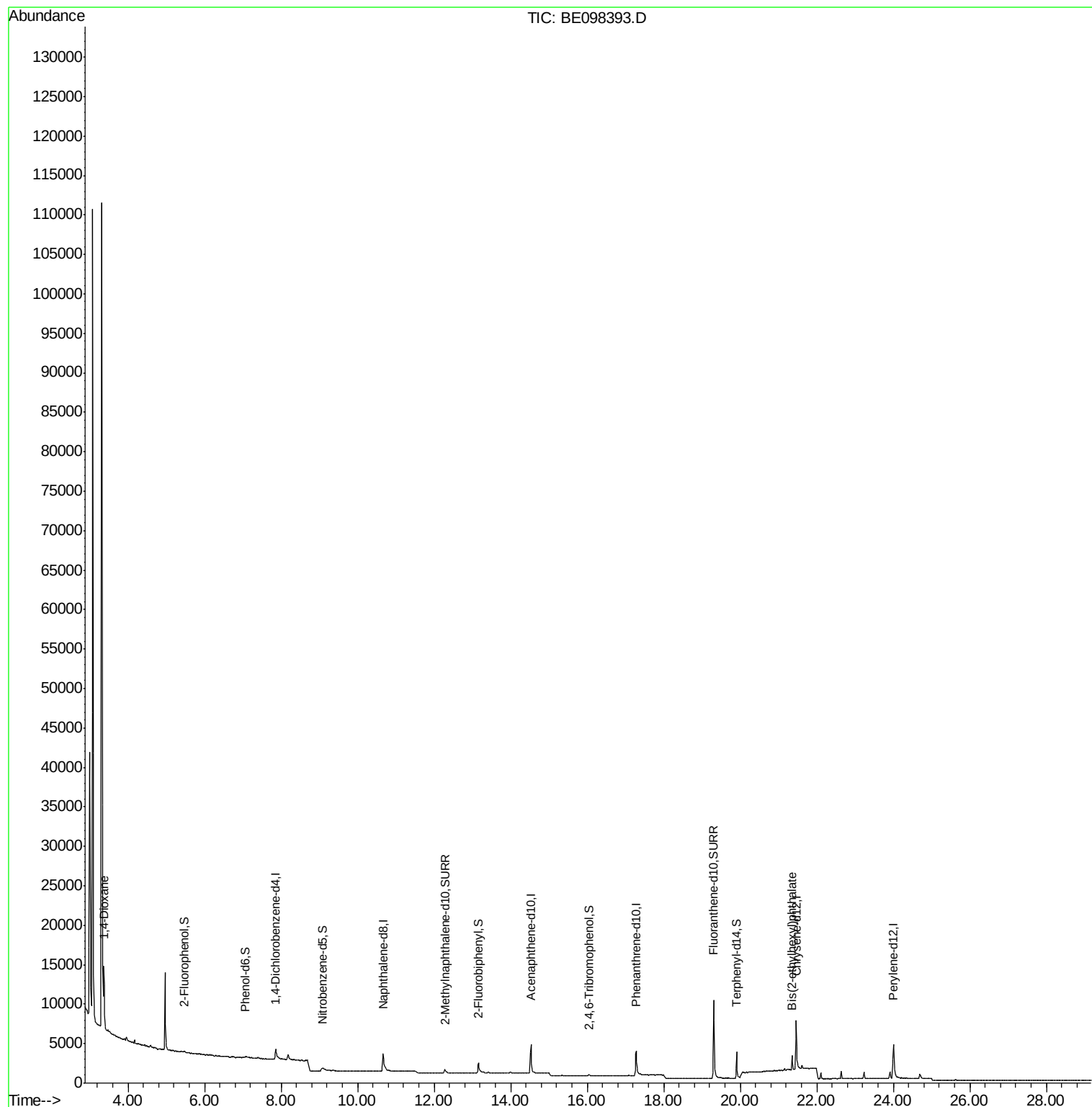
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	931	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4047	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2783	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7219	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8366	0.40	ng	0.00
34) Perylene-d12	24.00	264	8144	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	225	0.10	ng	0.02
5) Phenol-d6	7.06	99	108	0.03	ng	0.00
8) Nitrobenzene-d5	9.07	82	521	0.14	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1280	0.19	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	152	0.15	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2512	0.21	ng	0.01
25) Fluoranthene-d10	19.31	212	17759	0.19	ng	0.00
29) Terphenyl-d14	19.90	244	3760	0.18	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	3861	2.398	ng	96
32) Bis(2-ethylhexyl)phthalate	21.35	149	2238	0.046	ng	100

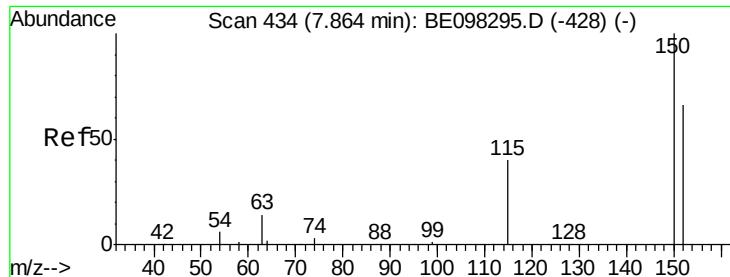
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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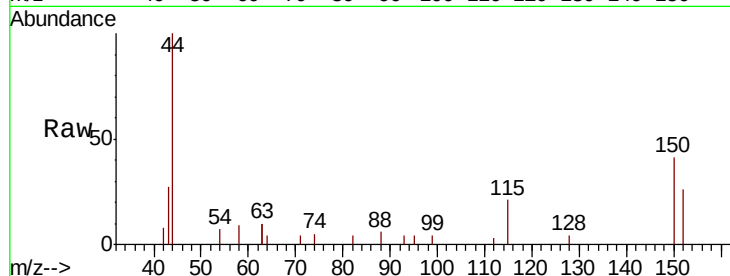


#1

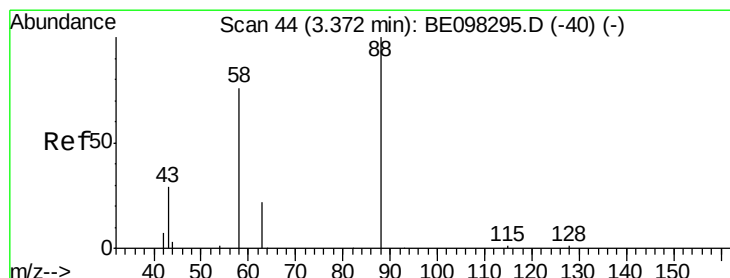
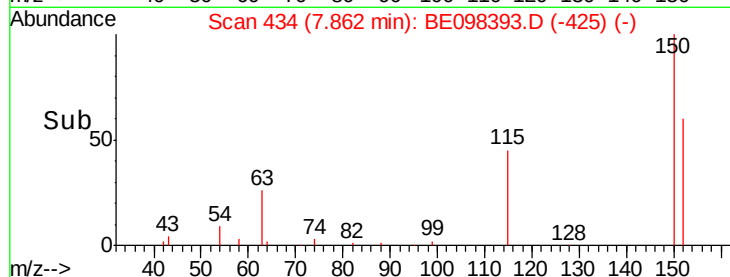
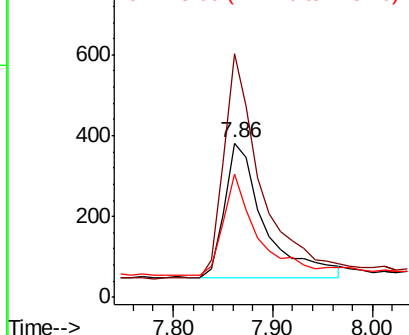
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Instrument :
BNA_E
ClientSampleId :
RE-120D2-20181205DL

Tot Ion:152 Resp: 931
Ion Ratio Lower Upper
152 100
150 158.0 124.2 186.4
115 79.8 53.9 80.9



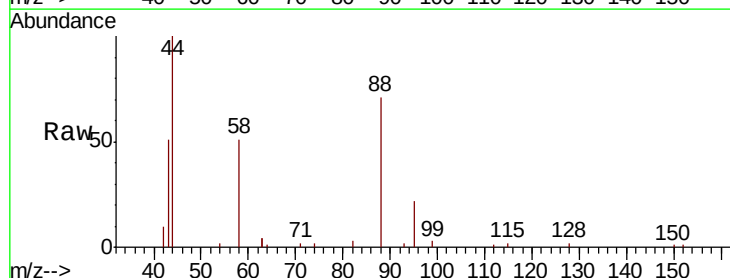
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



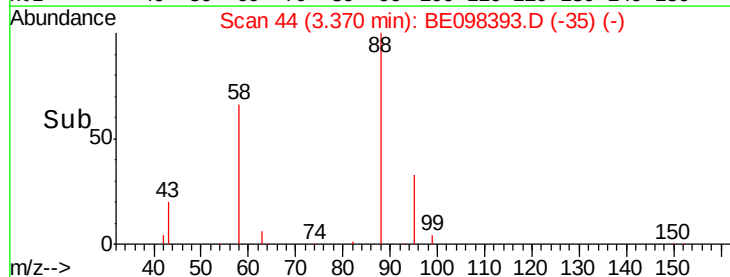
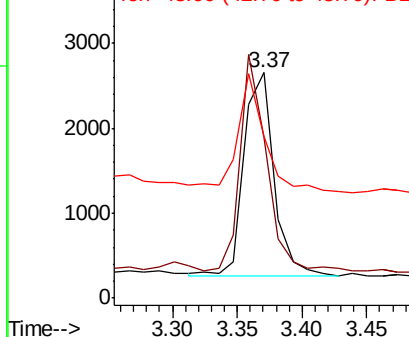
#2

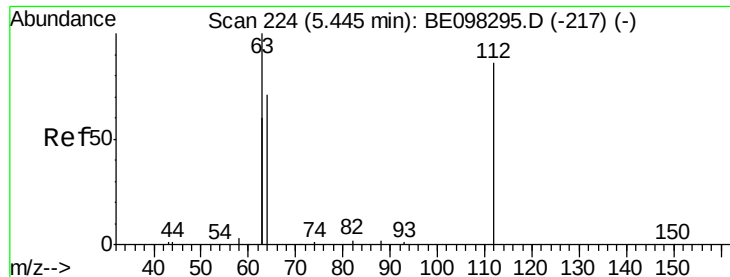
1,4-Dioxane
Concen: 2.398 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098393.D
Acq: 13 Dec 2018 12:46

Tgt Ion: 88 Resp: 3861
Ion Ratio Lower Upper
88 100
58 91.7 75.0 112.6
43 53.4 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: 0.103 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.02 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205DL

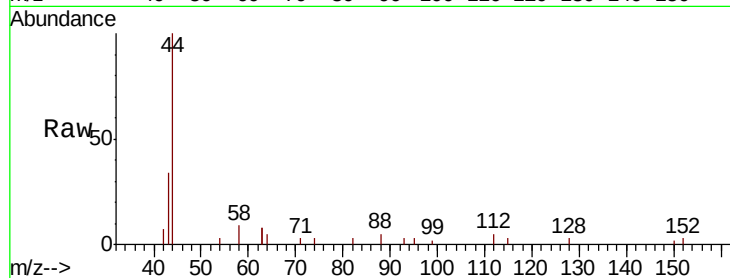
Tot Ion: 112 Resp: 225

Ion Ratio Lower Upper

112 100

64 50.2 59.8 89.8#

63 157.3 133.7 200.5



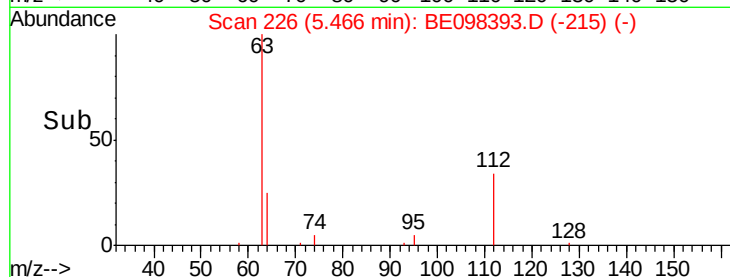
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

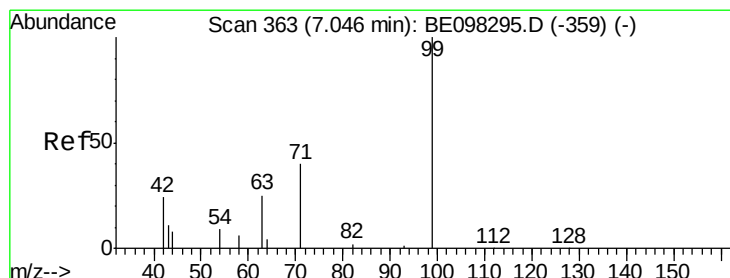
Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.40 5.50 5.60



Time-->



#5

Phenol-d6

Concen: 0.035 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

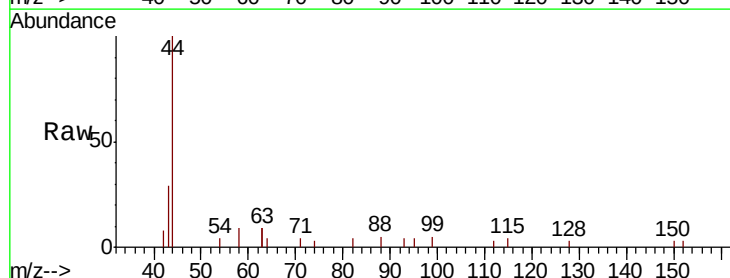
Tgt Ion: 99 Resp: 108

Ion Ratio Lower Upper

99 100

42 45.4 26.3 39.5#

71 30.6 33.6 50.4#



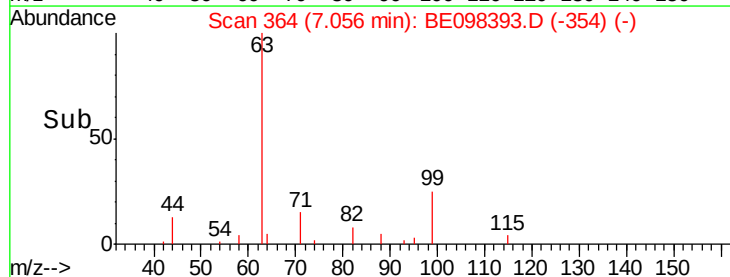
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

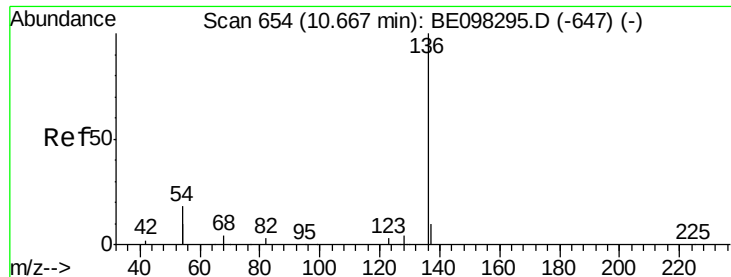
Ion 71.00 (70.70 to 71.70): BE0

Time-->

7.00 7.05 7.10 7.15



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205DL

Tot Ion:136 Resp: 4047

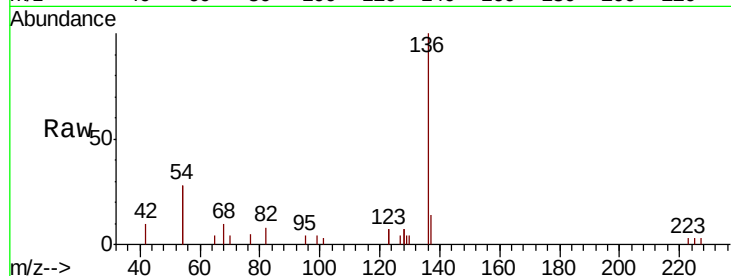
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 55.6 28.4 42.6#

68 9.6 5.4 8.0#

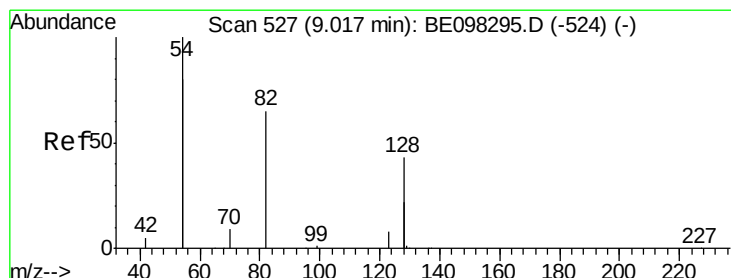
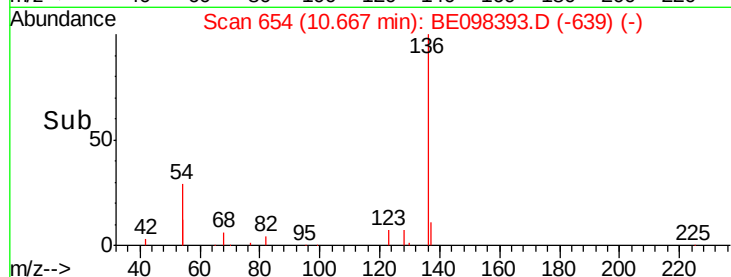
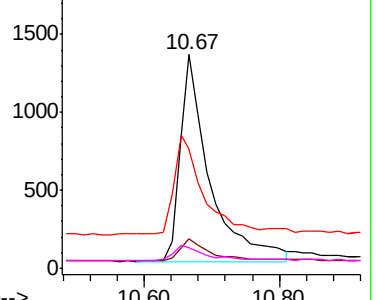


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.141 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

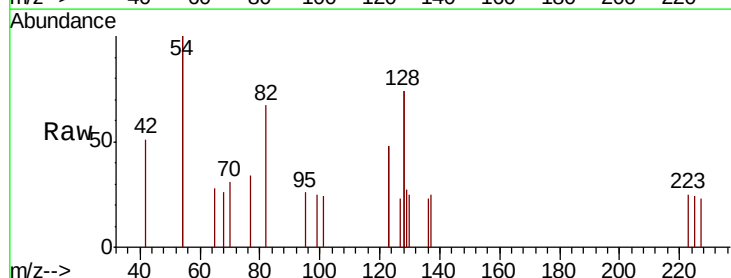
Tgt Ion: 82 Resp: 521

Ion Ratio Lower Upper

82 100

128 221.1 102.4 153.6#

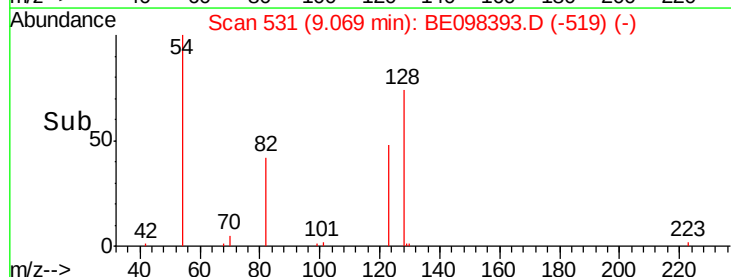
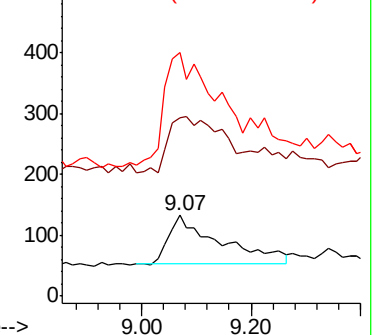
54 300.8 221.8 332.8

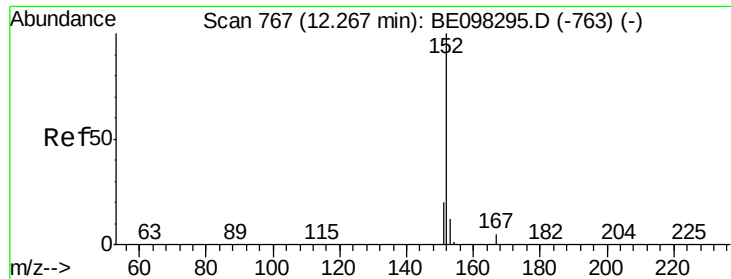


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

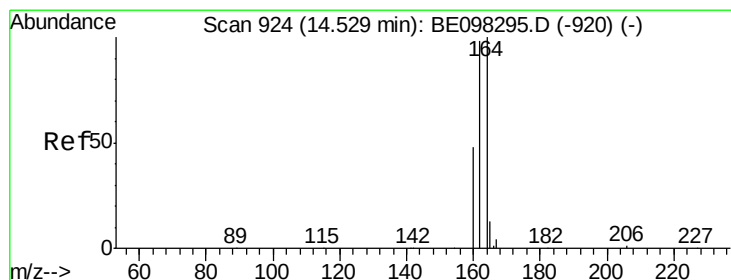
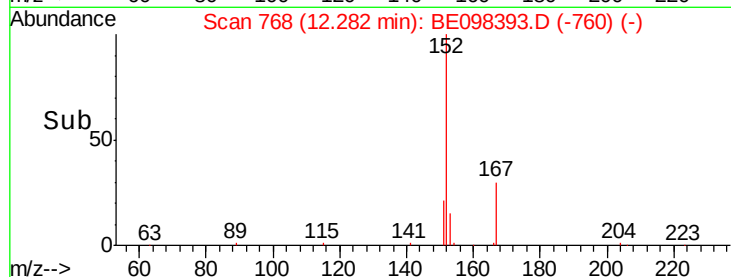
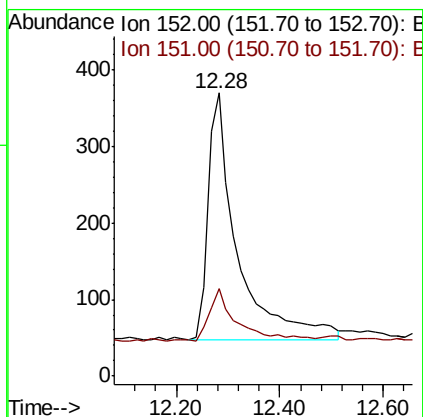
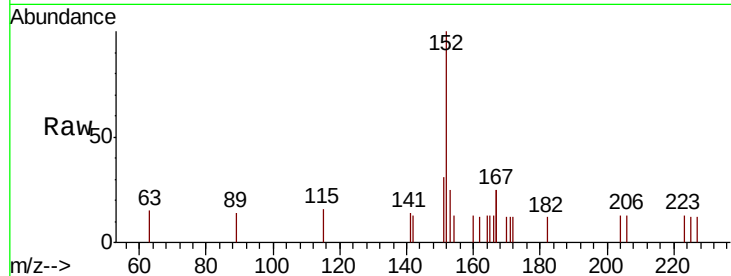




#11
 2-Methylnaphthalene-d10
 Concen: 0.195 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098393.D
 Acq: 13 Dec 2018 12:46

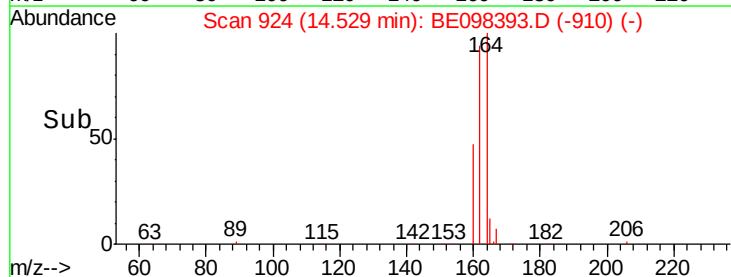
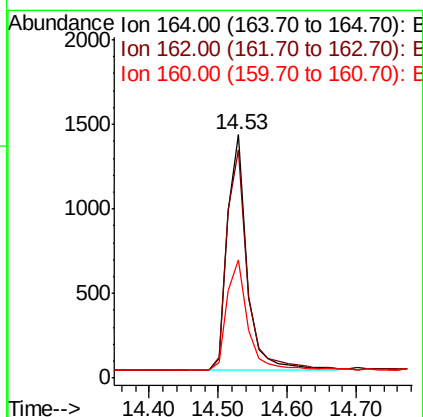
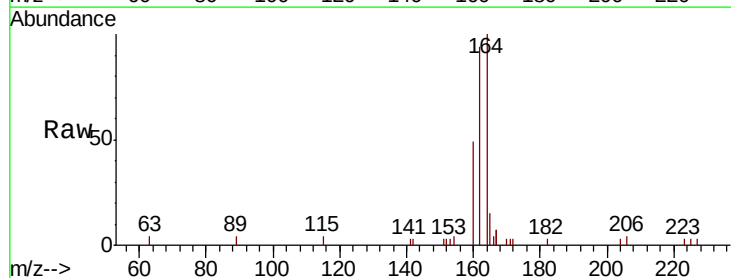
Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205DL

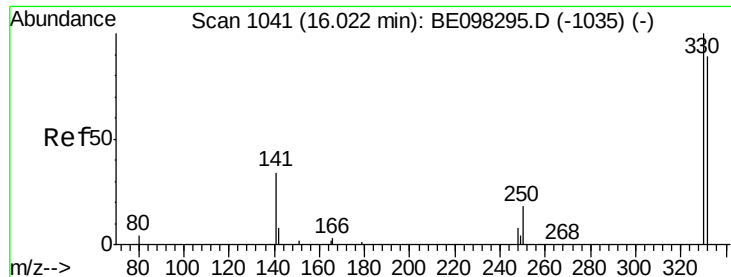
Tot Ion:152 Resp: 1280
 Ion Ratio Lower Upper
 152 100
 151 19.0 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098393.D
 Acq: 13 Dec 2018 12:46

Tgt Ion:164 Resp: 2783
 Ion Ratio Lower Upper
 164 100
 162 93.9 77.6 116.4
 160 48.6 36.0 54.0





#14

2,4,6-Tribromophenol

Concen: 0.149 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205DL

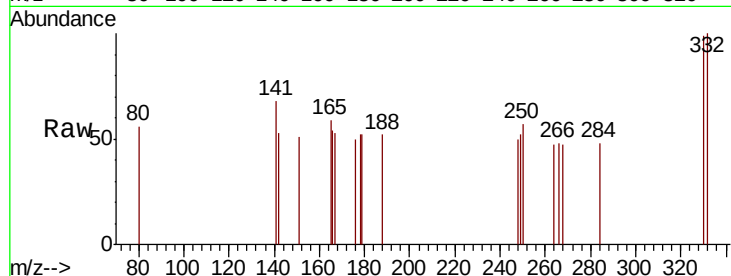
Tot Ion:330 Resp: 152

Ion Ratio Lower Upper

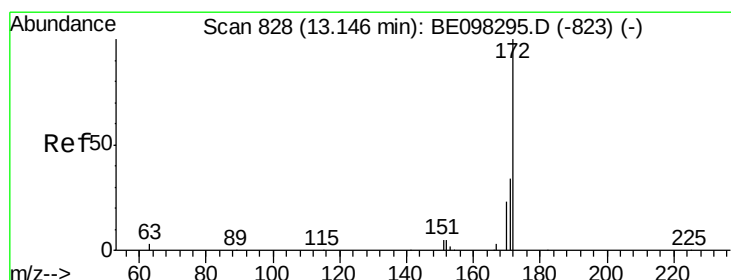
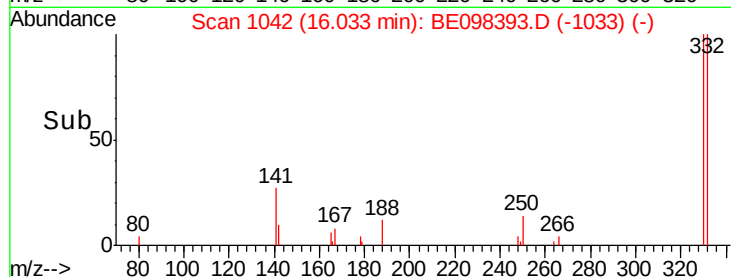
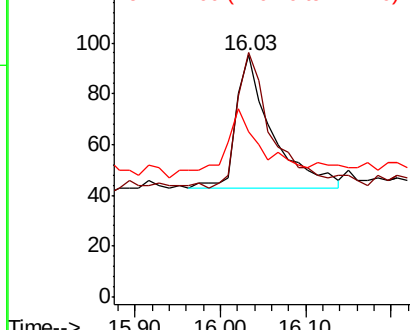
330 100

332 98.7 76.2 114.4

141 37.5 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: 0.214 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

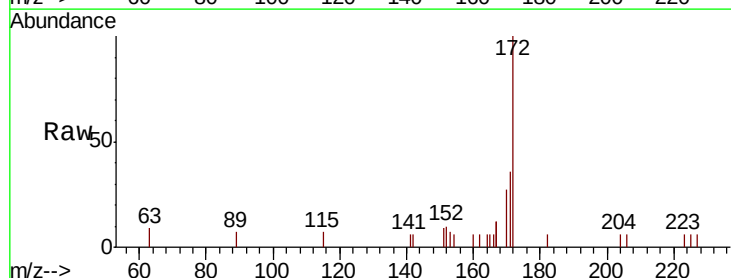
Tgt Ion:172 Resp: 2512

Ion Ratio Lower Upper

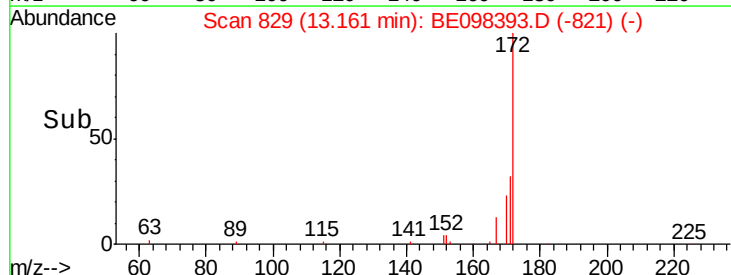
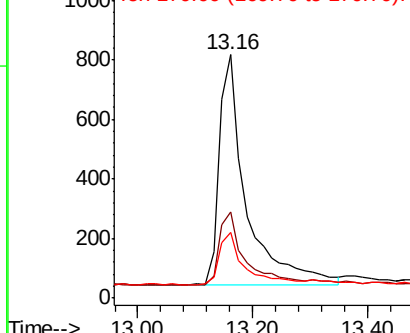
172 100

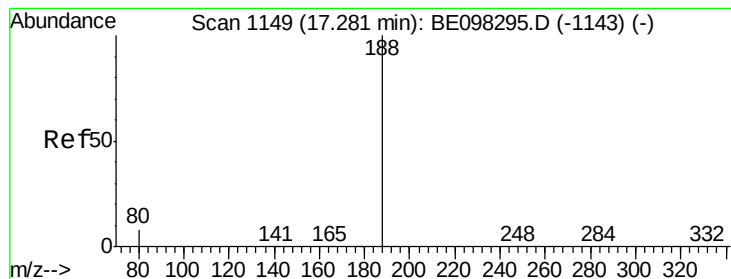
171 35.6 27.5 41.3

170 26.9 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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205DL

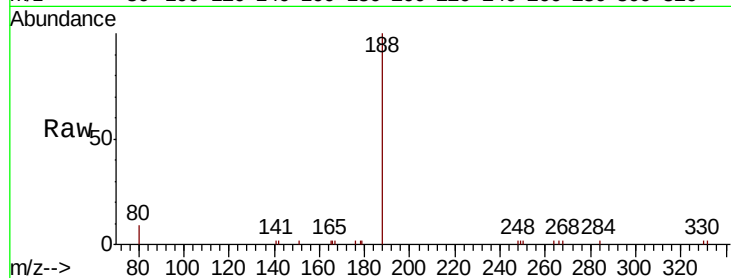
Tot Ion:188 Resp: 7219

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

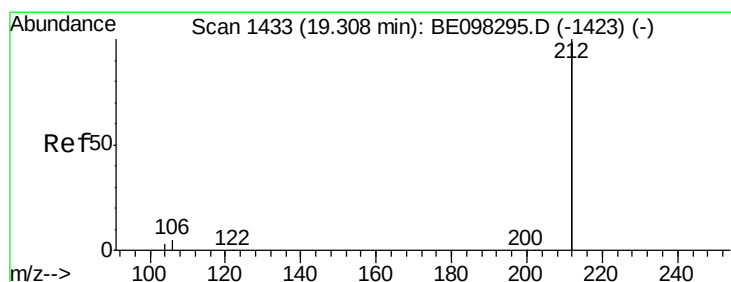
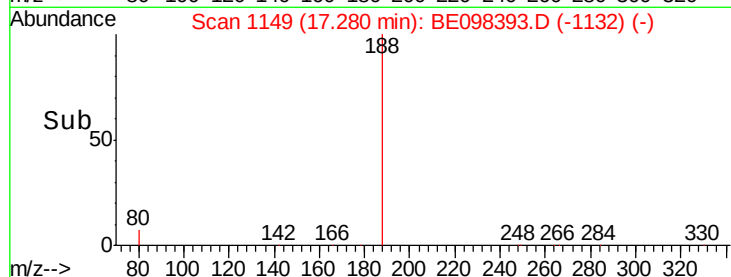
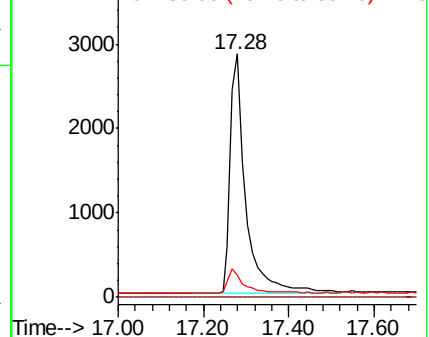
80 8.9 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

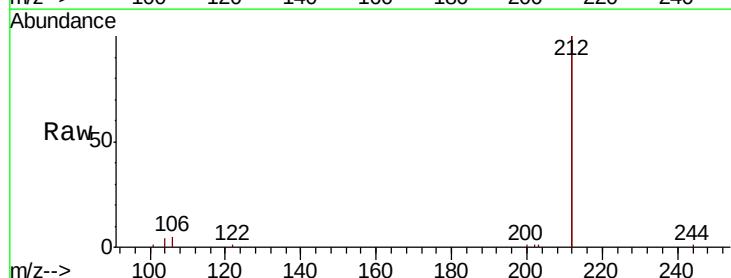
Tgt Ion:212 Resp: 17759

Ion Ratio Lower Upper

212 100

106 2.5 2.2 3.2

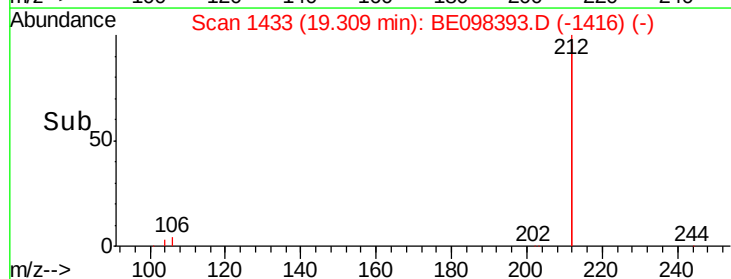
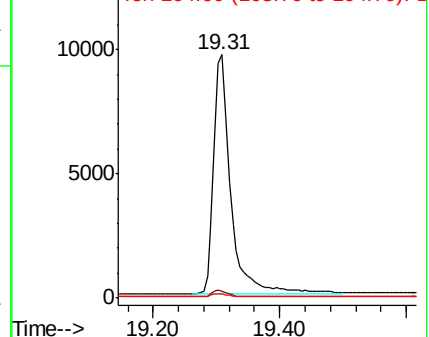
104 1.6 1.3 1.9

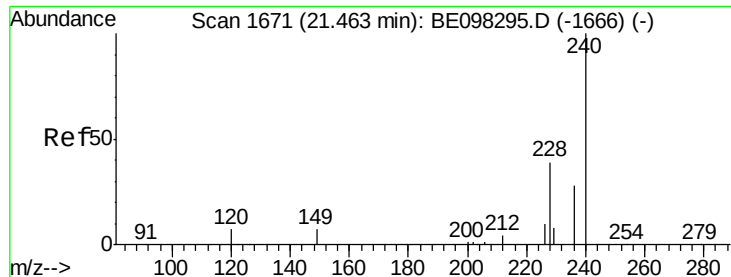


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098393.D

Acq: 13 Dec 2018 12:46

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205DL

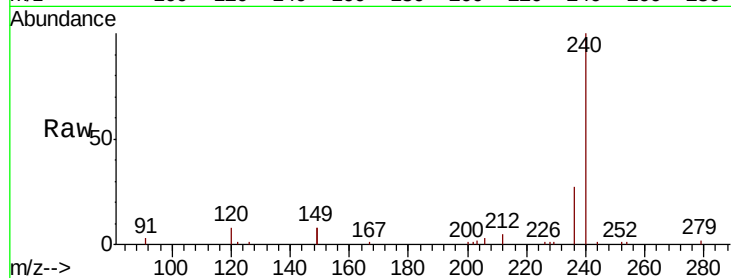
Tot Ion:240 Resp: 8366

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

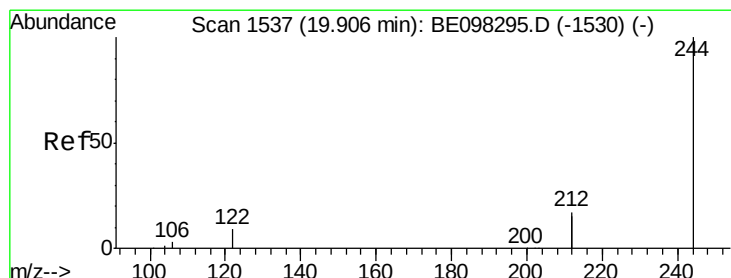
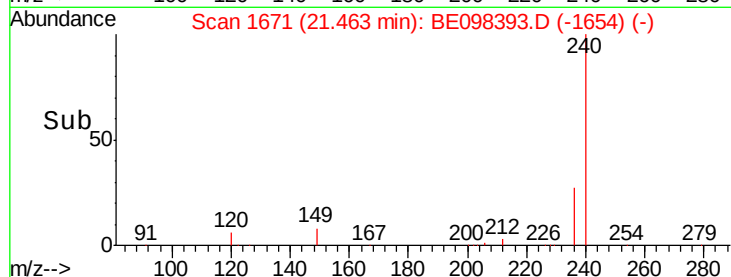
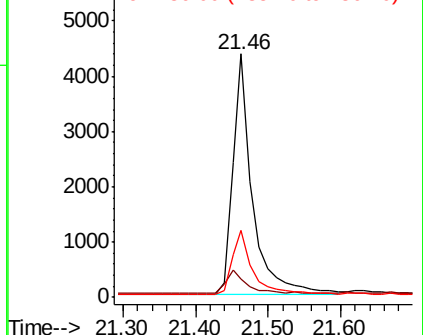
236 27.5 22.7 34.1



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: 0.185 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098393.D

Acq: 13 Dec 2018 12:46

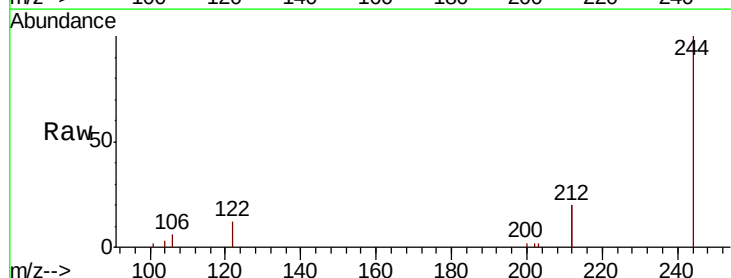
Tgt Ion:244 Resp: 3760

Ion Ratio Lower Upper

244 100

212 40.0 27.4 41.0

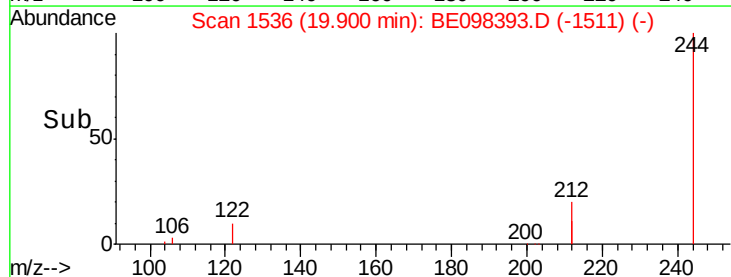
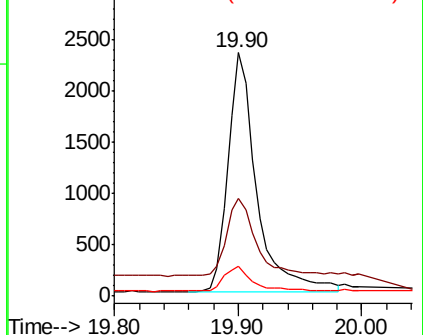
122 12.1 8.3 12.5

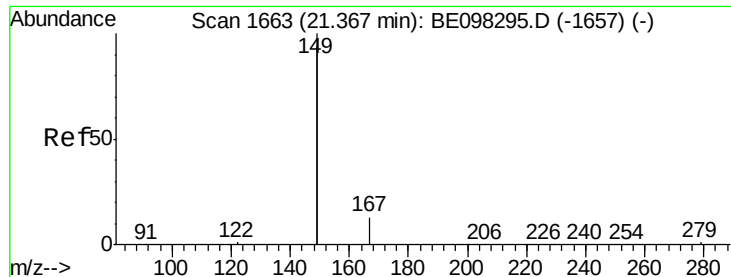


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

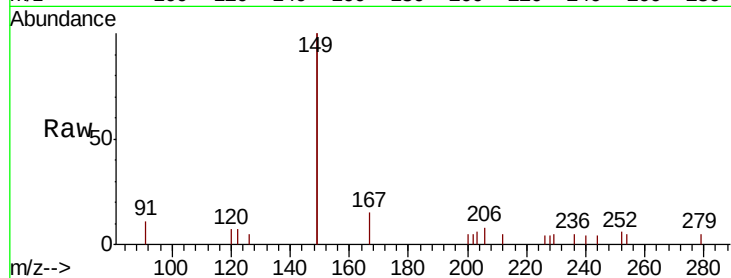




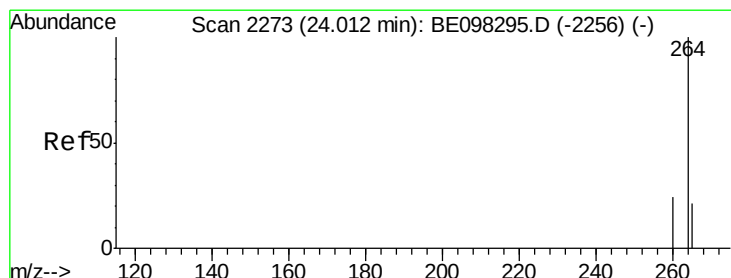
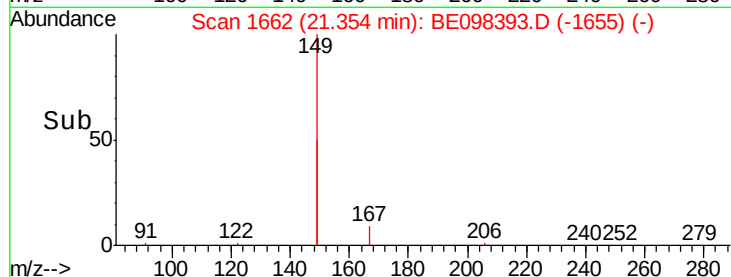
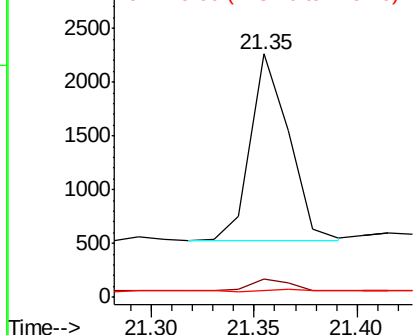
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098393.D
 Acq: 13 Dec 2018 12:46

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205DL

Tot Ion:149 Resp: 2238
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.7 8.5
 279 1.0 1.0 1.4

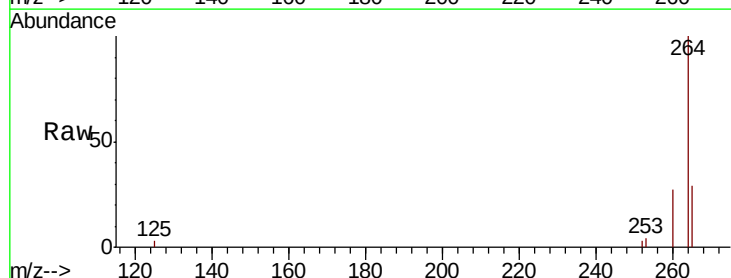


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098393.D
 Acq: 13 Dec 2018 12:46

Tgt Ion:264 Resp: 8144
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.2 30.2
 265 29.2 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

