

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098870.D
 Acq On : 11 Mar 2019 20:10
 Operator : JU/SJ
 Sample : K1839-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190307

Quant Time: Mar 12 07:26:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	691	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2942	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2138	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5053	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6625	0.40	ng	0.00
34) Perylene-d12	23.90	264	6386	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.40	112	305	0.15	ng	0.01
5) Phenol-d6	7.01	99	223	0.08	ng	0.02
8) Nitrobenzene-d5	9.00	82	1053	0.34	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2080	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	334	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3570	0.40	ng	0.00
25) Fluoranthene-d10	19.25	212	31803	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	7914	0.49	ng	0.00

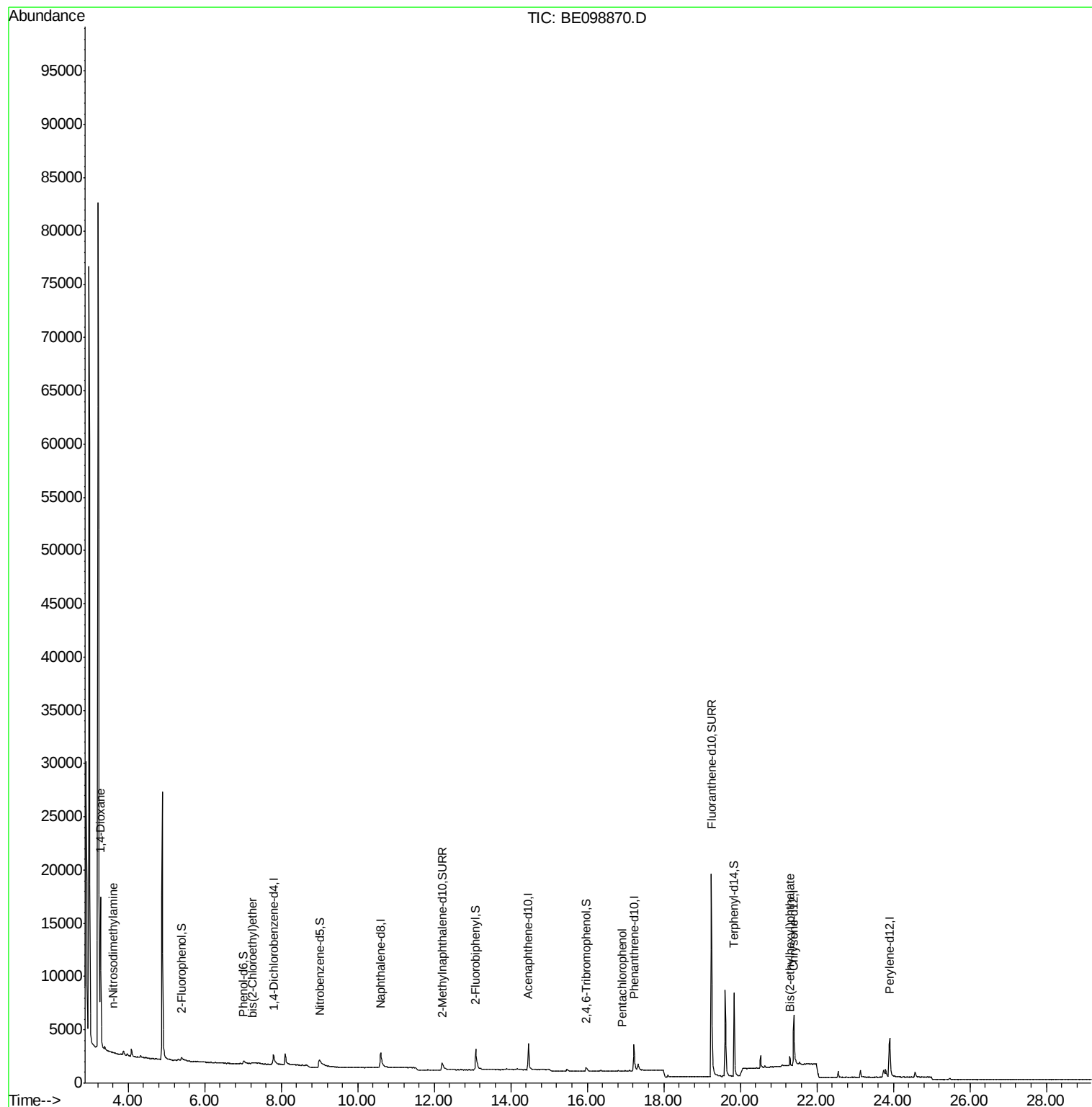
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	7459	6.907	ng	97
3) n-Nitrosodimethylamine	3.61	42	53	0.030	ng	# 48
6) bis(2-Chloroethyl)ether	7.25	93	135	0.060	ng	# 62
22) Pentachlorophenol	16.91	266	8	0.272	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	1251	0.028	ng	# 95

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

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ALS Vial : 15 Sample Multiplier: 1

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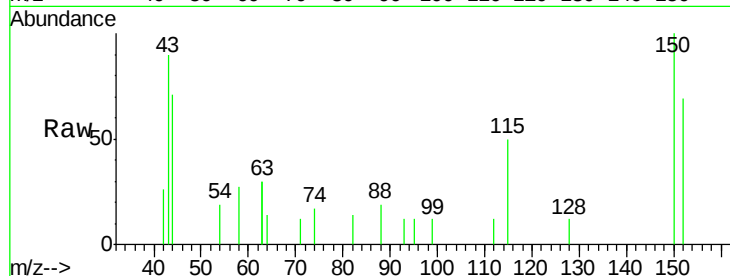


#1

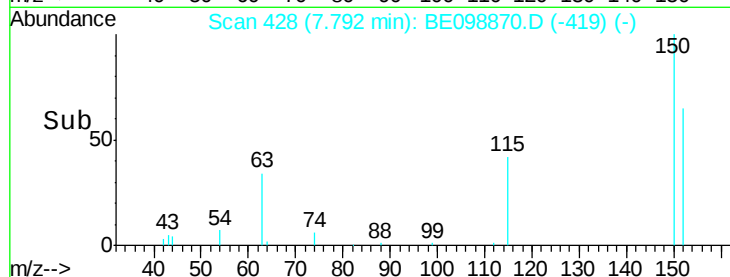
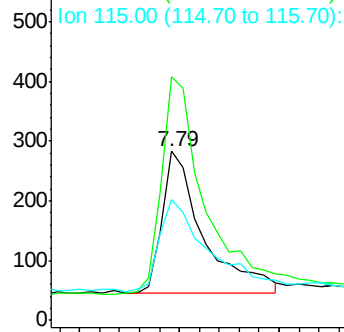
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307

Tgt Ion:152 Resp: 691
Ion Ratio Lower Upper
152 100
150 144.2 122.5 183.7
115 71.4 57.4 86.2



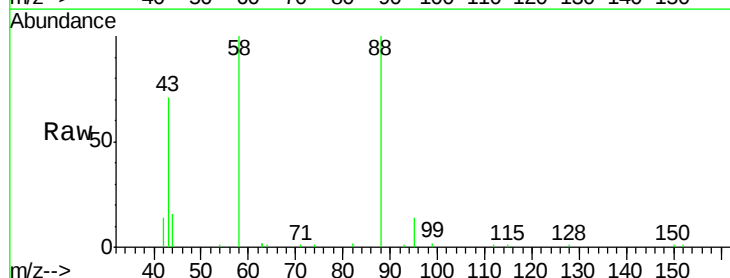
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



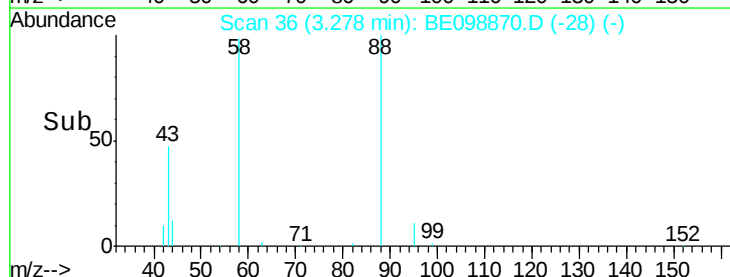
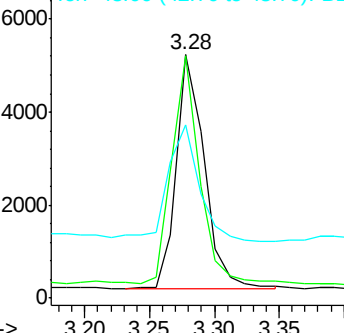
#2

1,4-Dioxane
Concen: 6.907 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Tgt Ion: 88 Resp: 7459
Ion Ratio Lower Upper
88 100
58 95.6 75.8 113.6
43 58.0 41.8 62.8



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





#3

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

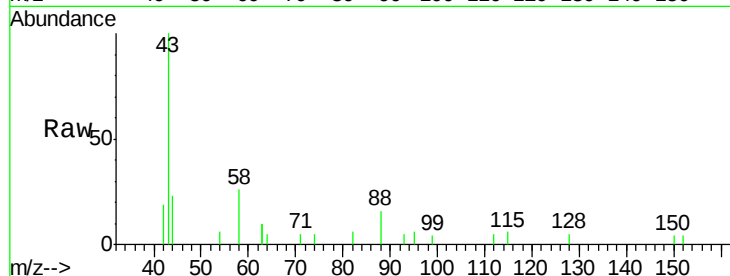
Tgt Ion: 42 Resp: 53

Ion Ratio Lower Upper

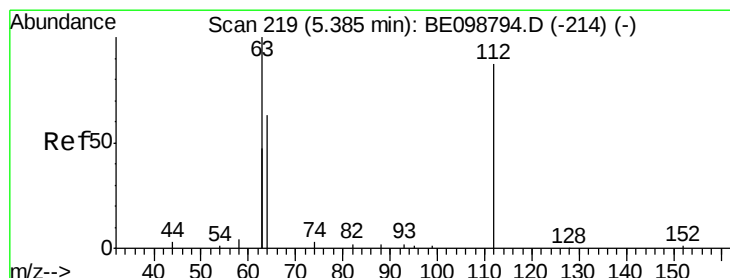
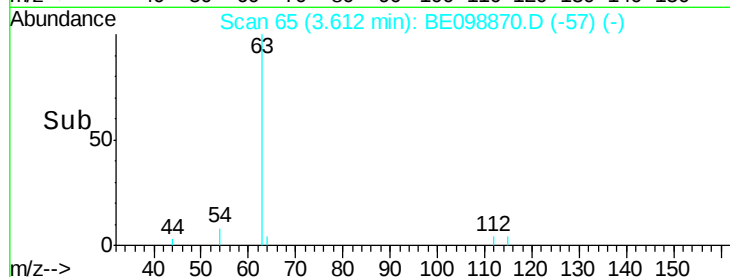
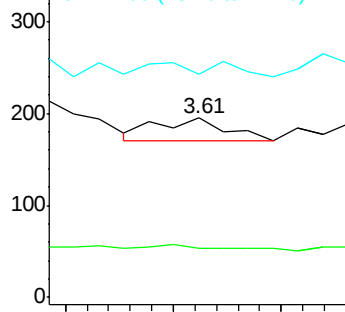
42 100

74 28.3 57.0 85.4#

44 32.1 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: 0.148 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

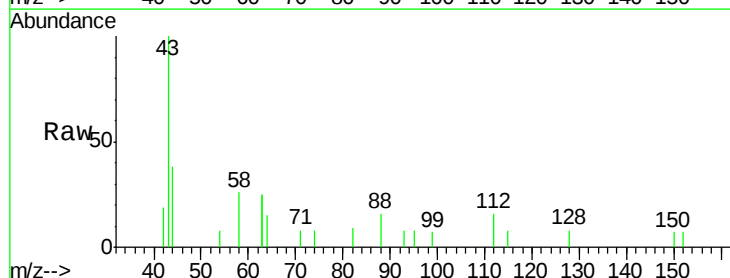
Tgt Ion: 112 Resp: 305

Ion Ratio Lower Upper

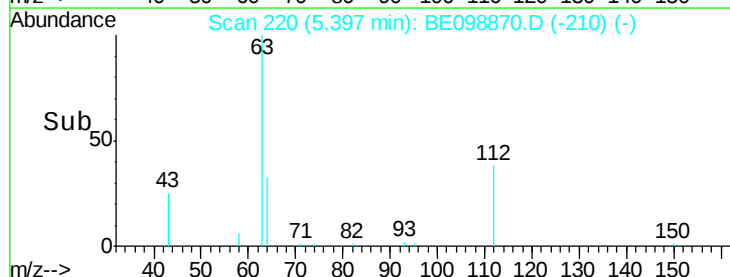
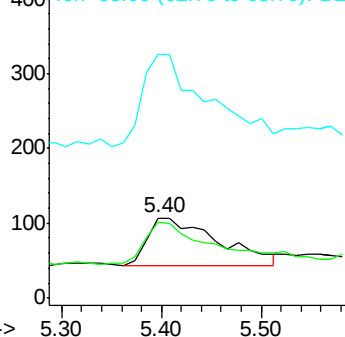
112 100

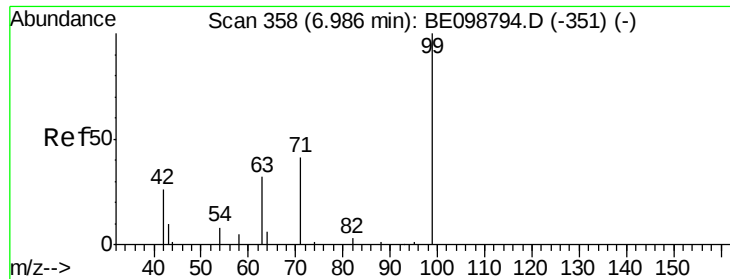
64 97.0 57.9 86.9#

63 196.1 158.3 237.5



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: 0.076 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

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ClientSampleId :

TT101D1-20190307

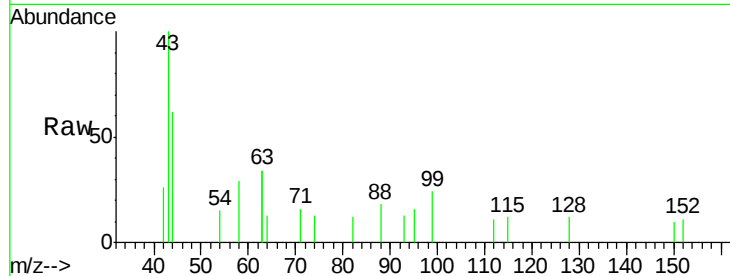
Tgt Ion: 99 Resp: 223

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 0.0 35.7 53.5#



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

7.01

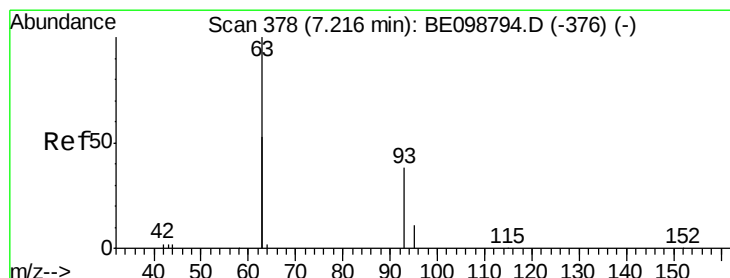
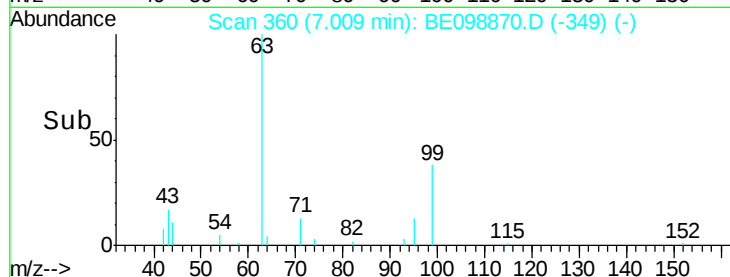
100

50

0

6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.060 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

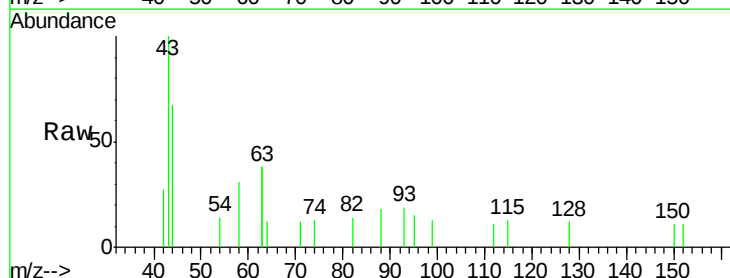
Tgt Ion: 93 Resp: 135

Ion Ratio Lower Upper

93 100

63 227.4 247.5 371.3#

95 28.9 21.8 32.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.25

400

300

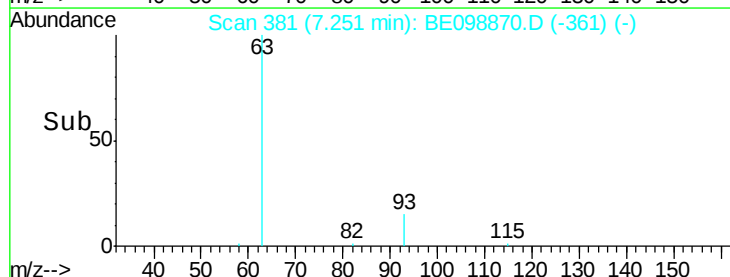
200

100

0

7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

Tgt Ion:136 Resp: 2942

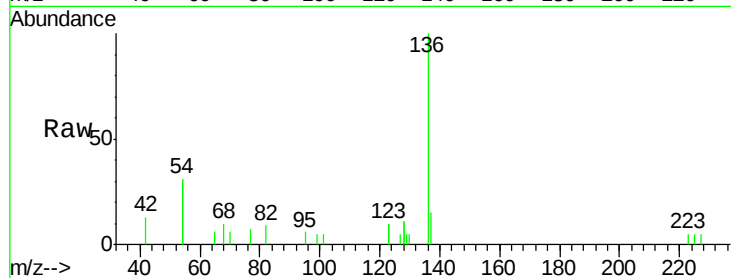
Ion Ratio Lower Upper

136 100

137 15.0 11.4 17.0

54 62.2 39.3 58.9#

68 10.1 6.7 10.1#

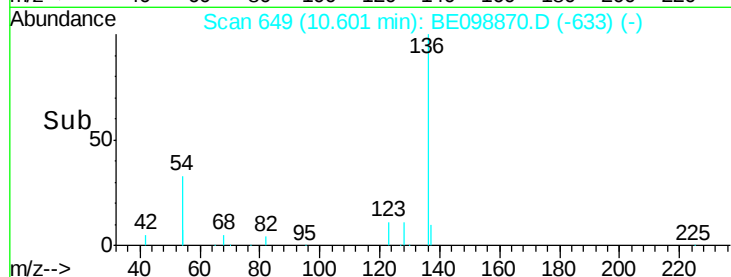
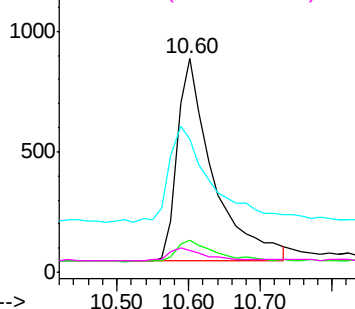


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

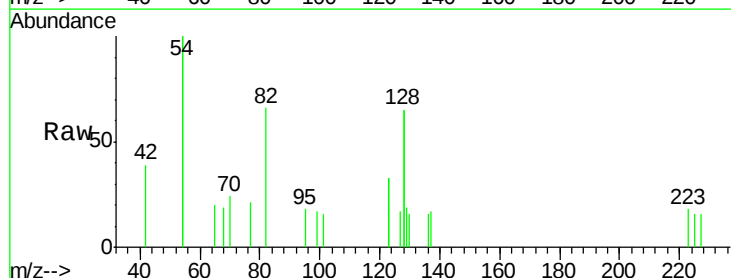
Tgt Ion: 82 Resp: 1053

Ion Ratio Lower Upper

82 100

128 197.8 123.8 185.8#

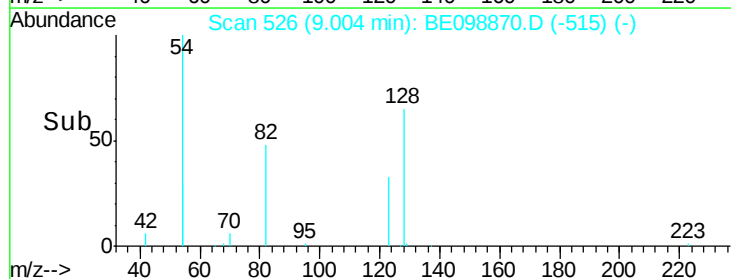
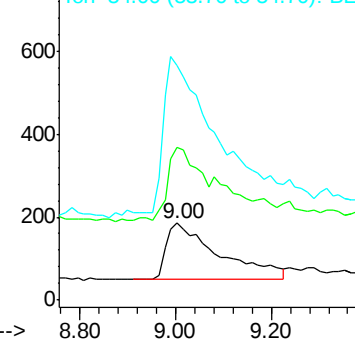
54 304.3 203.4 305.2

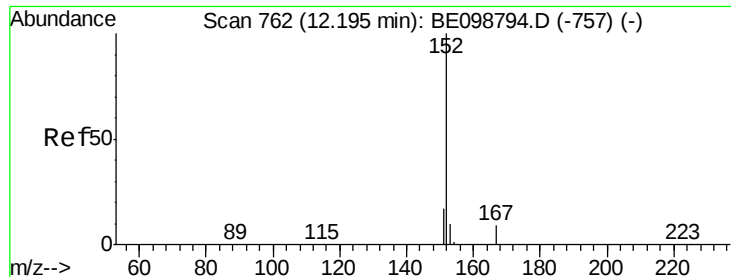


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

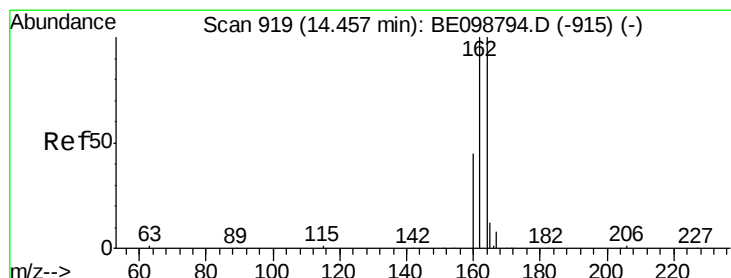
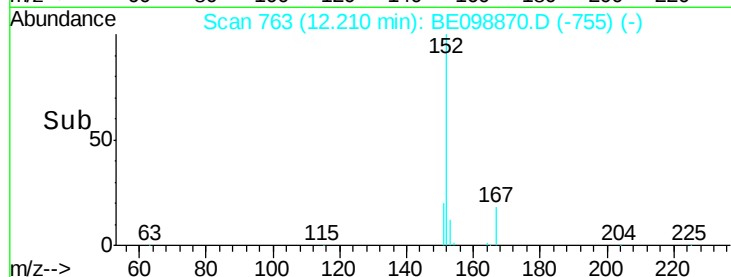
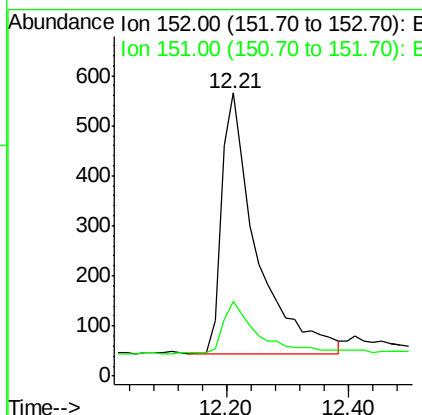
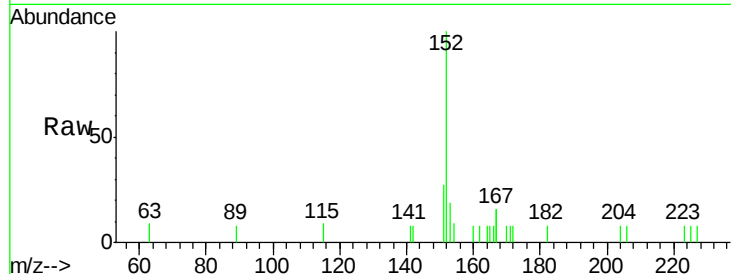




#11
 2-Methylnaphthalene-d10
 Concen: 0.383 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

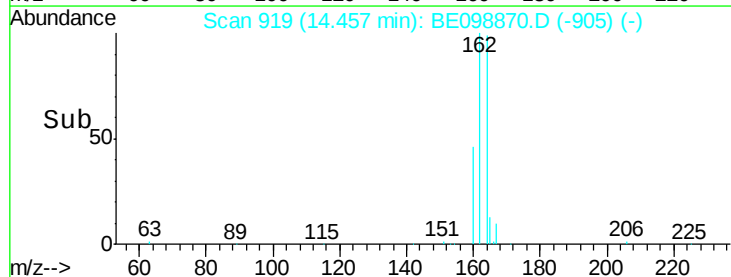
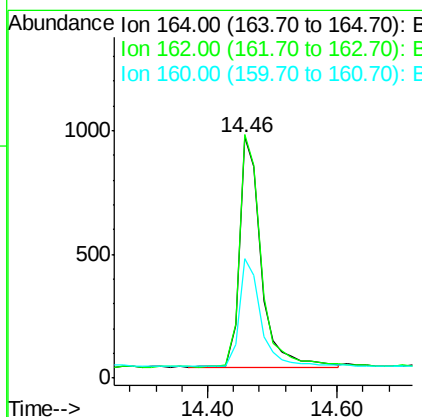
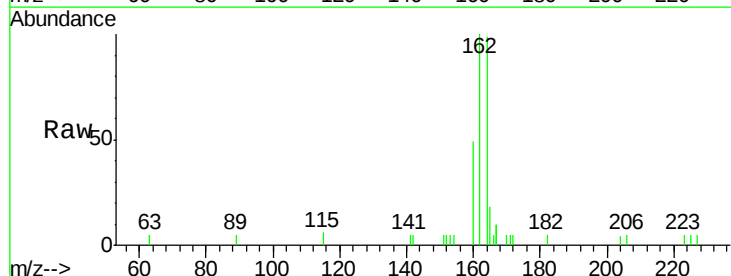
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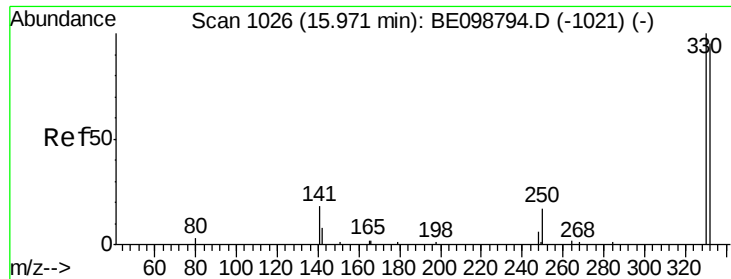
Tgt Ion:152 Resp: 2080
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

Tgt Ion:164 Resp: 2138
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 49.5 37.8 56.8

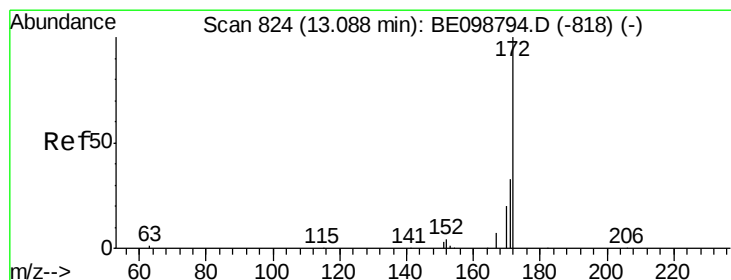
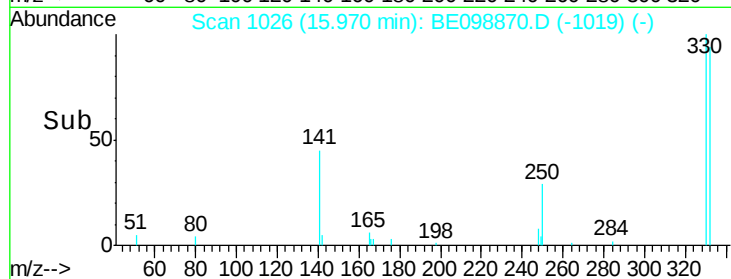
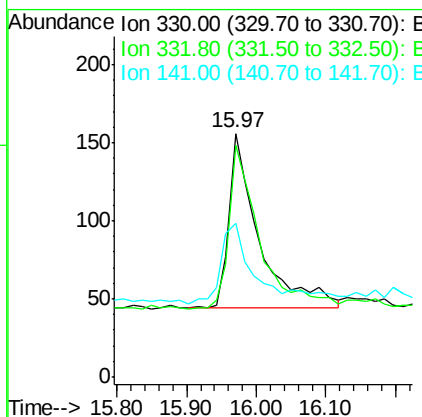
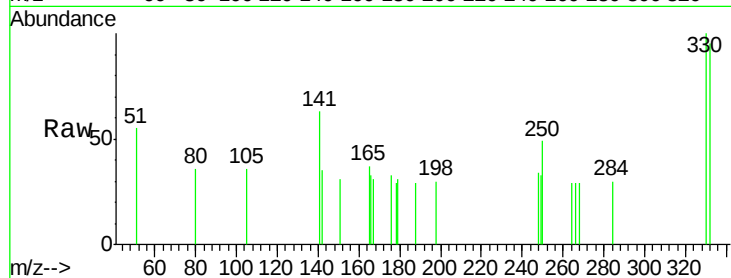




#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

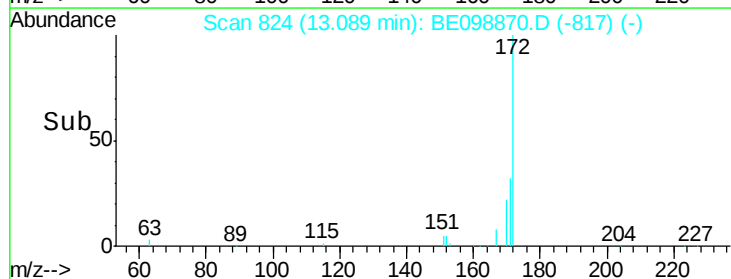
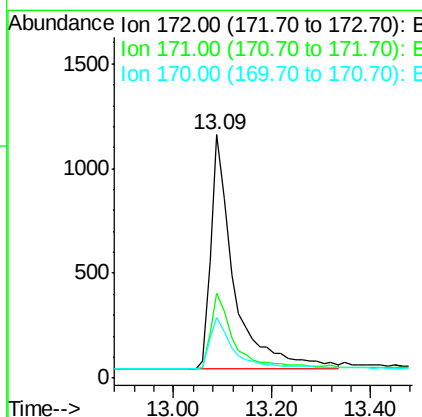
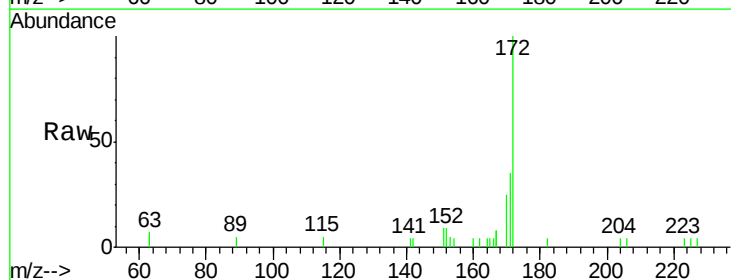
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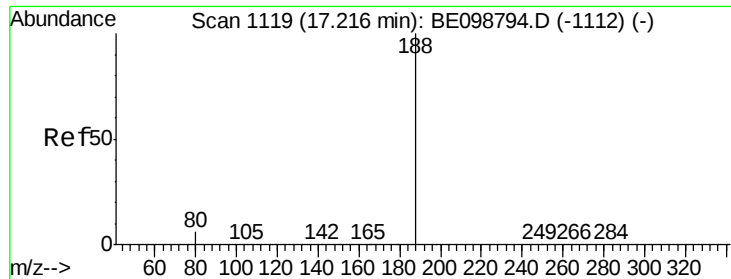
Tgt Ion:330 Resp: 334
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.6 116.4
 141 54.8 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.403 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098870.D
 Acq: 11 Mar 2019 20:10

Tgt Ion:172 Resp: 3570
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 25.1 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

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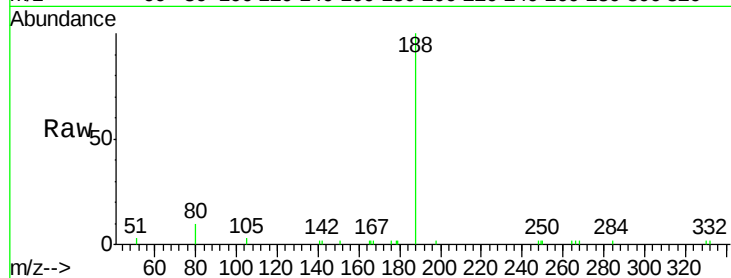
Tgt Ion:188 Resp: 5053

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

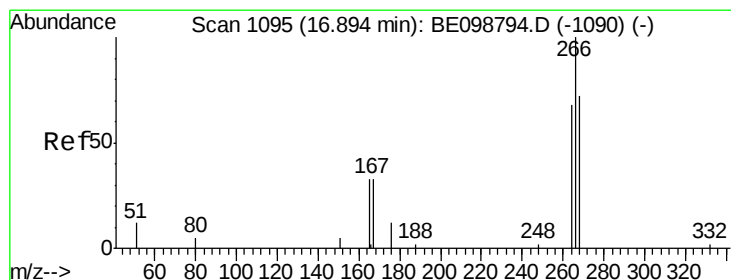
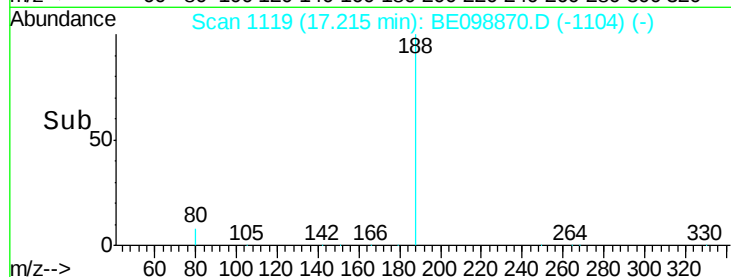
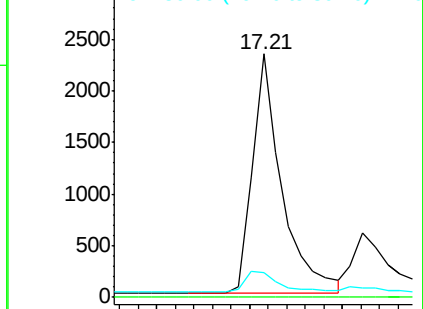
80 10.3 6.3 9.5#



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: 0.272 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

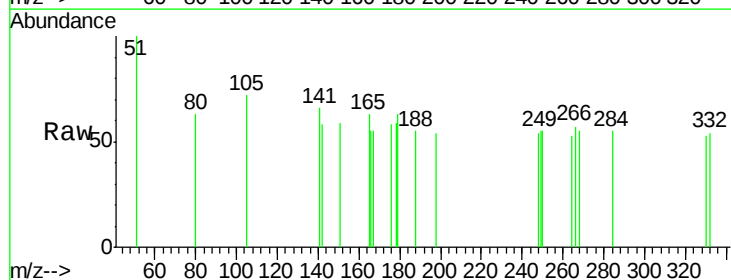
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

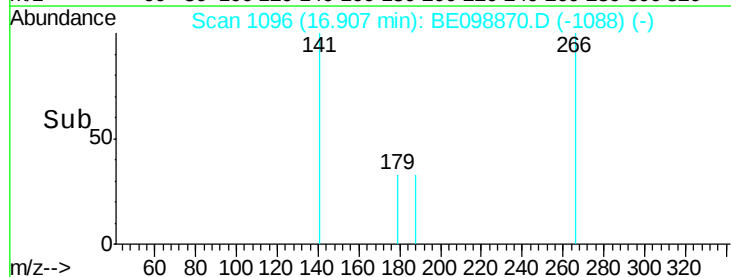
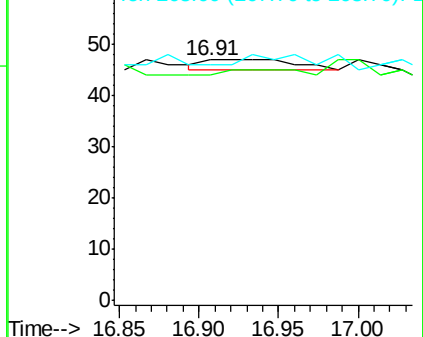
268 97.9 69.8 104.8

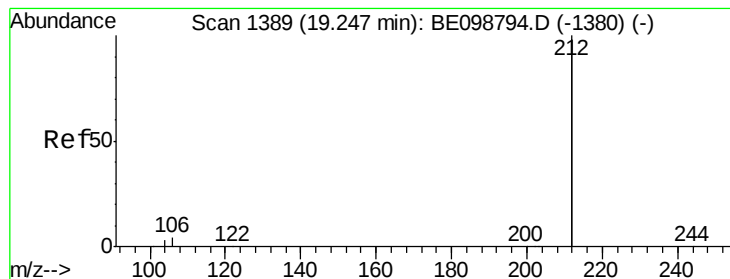


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

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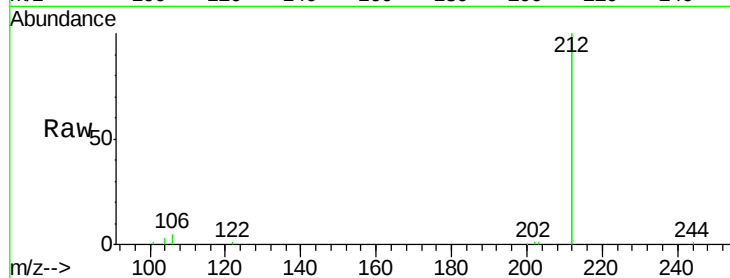
Tgt Ion:212 Resp: 31803

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

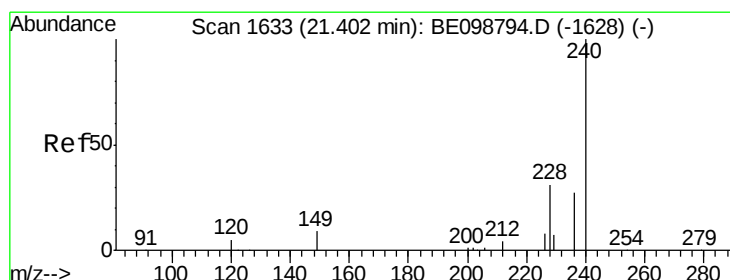
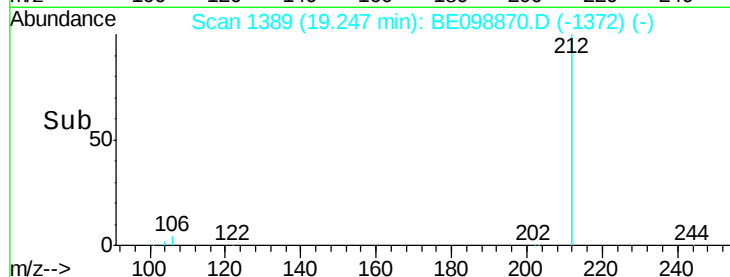
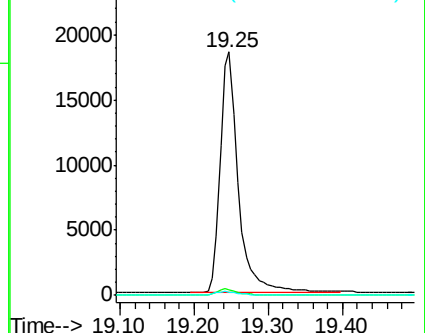
104 1.4 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

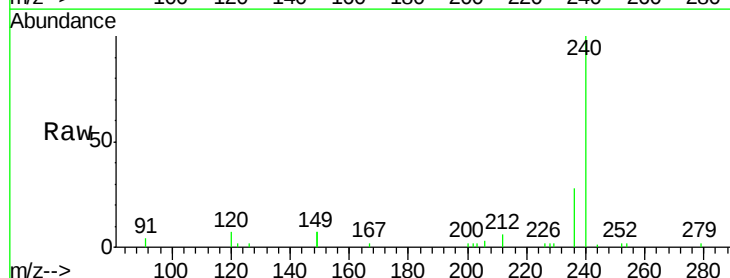
Tgt Ion:240 Resp: 6625

Ion Ratio Lower Upper

240 100

120 7.2 5.0 7.4

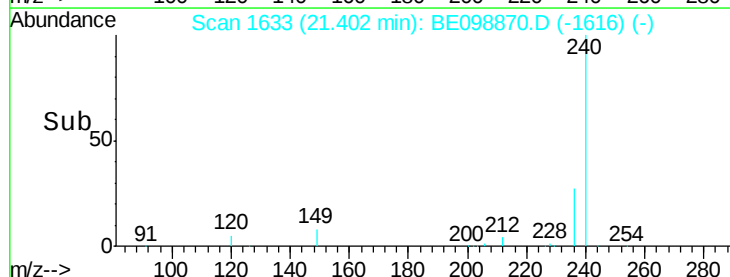
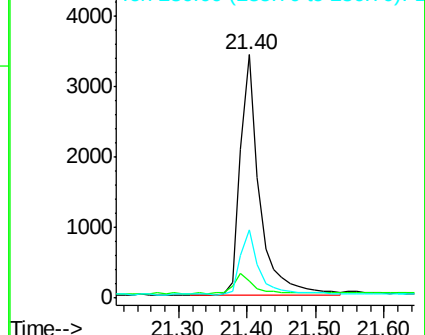
236 27.9 22.7 34.1

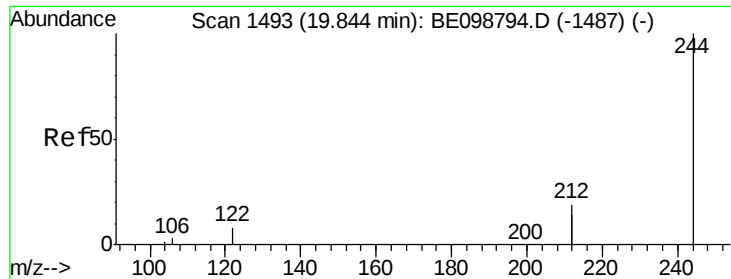


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.492 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190307

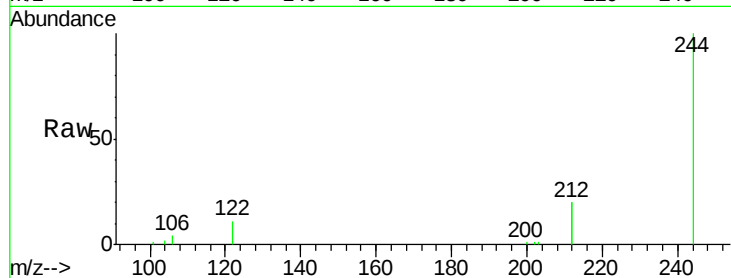
Tgt Ion:244 Resp: 7914

Ion Ratio Lower Upper

244 100

212 39.5 29.4 44.2

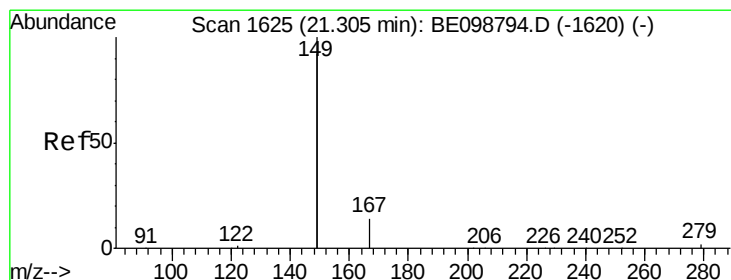
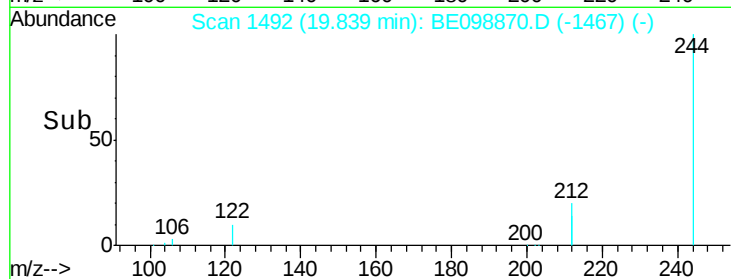
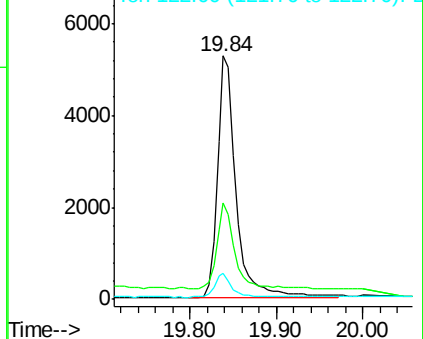
122 10.5 7.1 10.7



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: 0.028 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098870.D

Acq: 11 Mar 2019 20:10

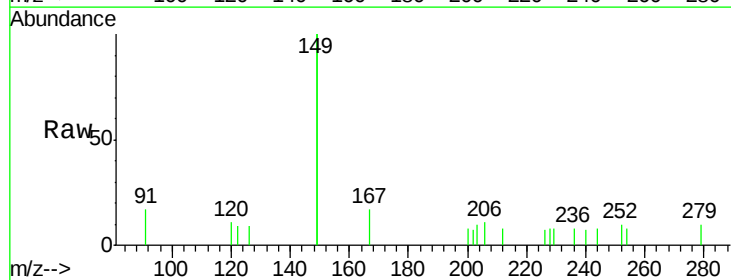
Tgt Ion:149 Resp: 1251

Ion Ratio Lower Upper

149 100

167 8.3 5.4 8.0#

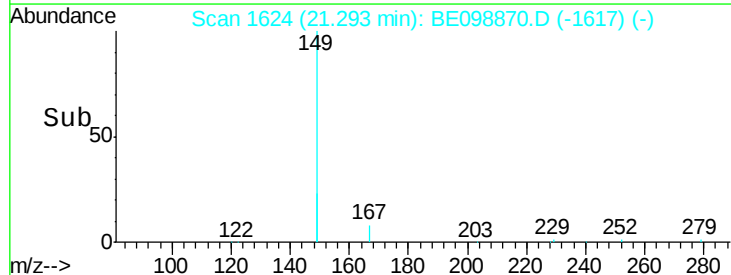
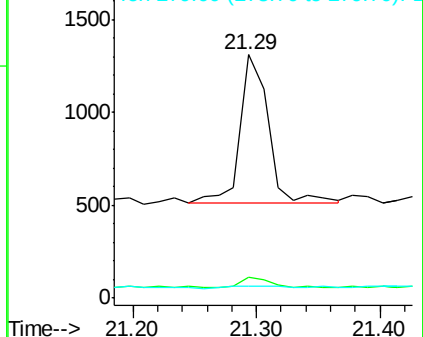
279 4.3 1.0 1.4#

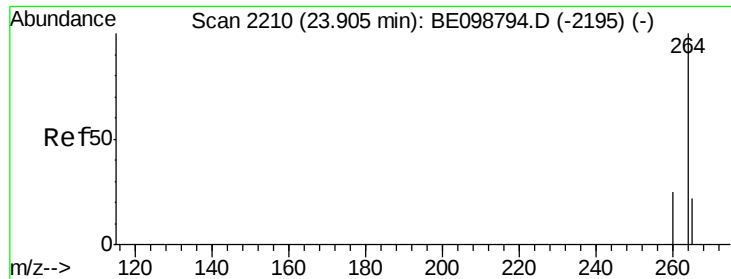


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098870.D
Acq: 11 Mar 2019 20:10

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190307

Tgt Ion: 264 Resp: 6386
Ion Ratio Lower Upper
264 100
260 26.1 21.2 31.8
265 27.6 24.6 36.8

