

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
 Data File : BE098430.D
 Acq On : 14 Dec 2018 11:35
 Operator : SJ/JU
 Sample : J6351-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181210

Quant Time: Dec 14 15:25:54 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

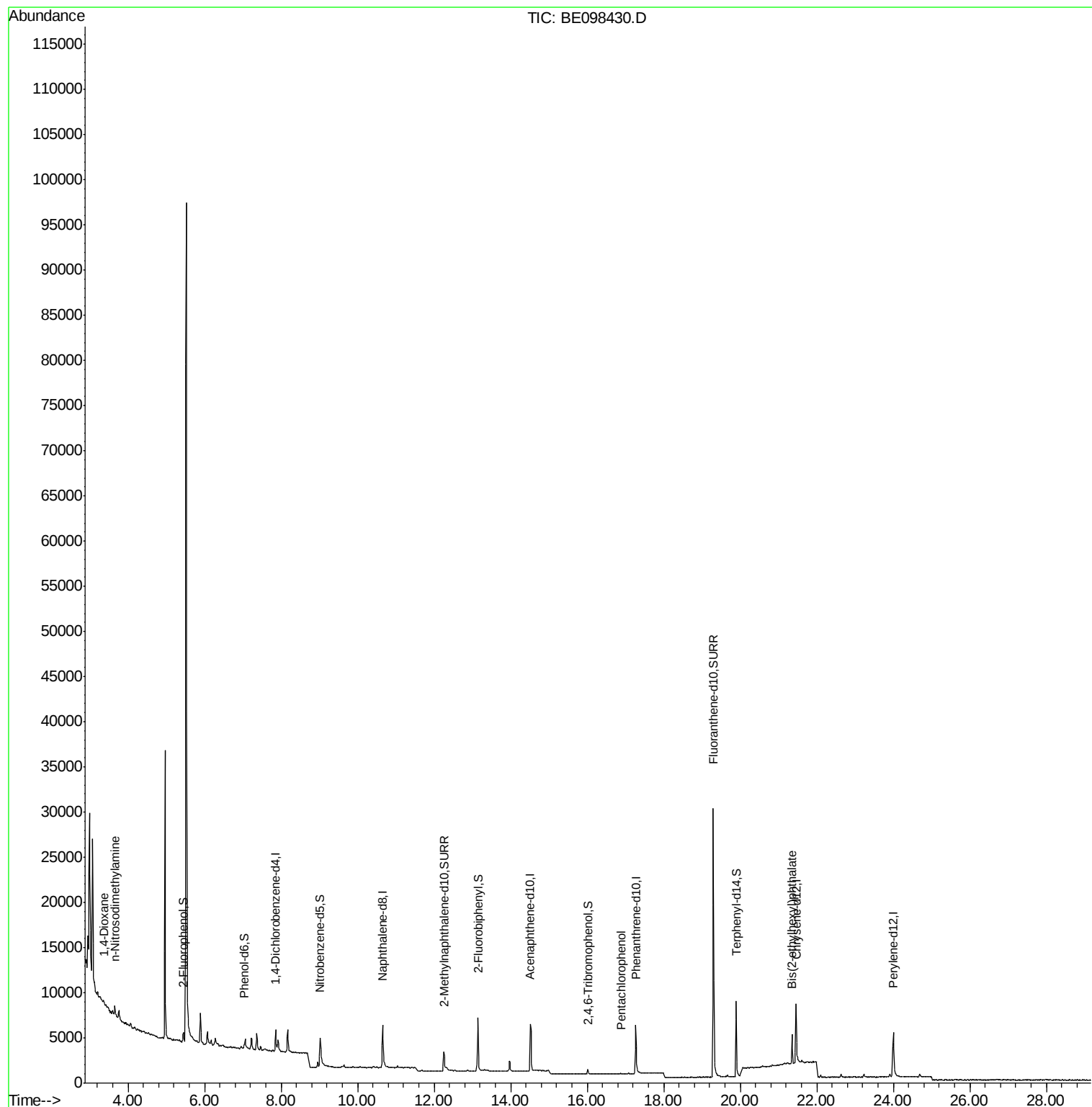
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	1462	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	6119	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	3782	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	8919	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	9631	0.40	ng	0.00
34) Perylene-d12	24.00	264	9177	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	723	0.21	ng	0.00
5) Phenol-d6	7.04	99	590	0.12	ng	-0.01
8) Nitrobenzene-d5	9.02	82	2285	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3857	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	387	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6775	0.42	ng	0.00
25) Fluoranthene-d10	19.30	212	45302	0.40	ng	-0.01
29) Terphenyl-d14	19.90	244	7963	0.34	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	58	0.023	ng	# 1
3) n-Nitrosodimethylamine	3.65	42	187	0.082	ng	# 100
22) Pentachlorophenol	16.88	266	11	0.030	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.35	149	3986	0.072	ng	98

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

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QLast Update : Mon Dec 10 14:59:55 2018
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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: BE098430.D

Acq: 14 Dec 2018 11:35

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BNA_E

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KY038PS035-181210

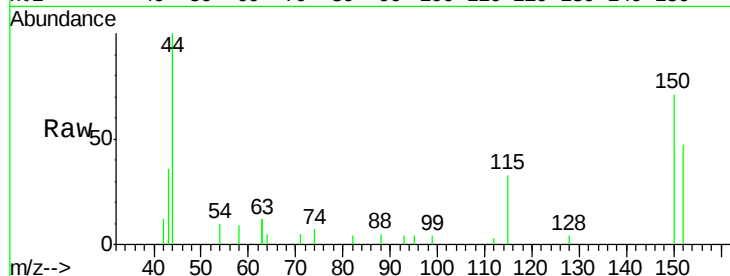
Tgt Ion:152 Resp: 1462

Ion Ratio Lower Upper

152 100

150 150.3 124.2 186.4

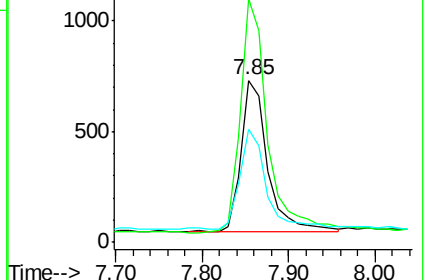
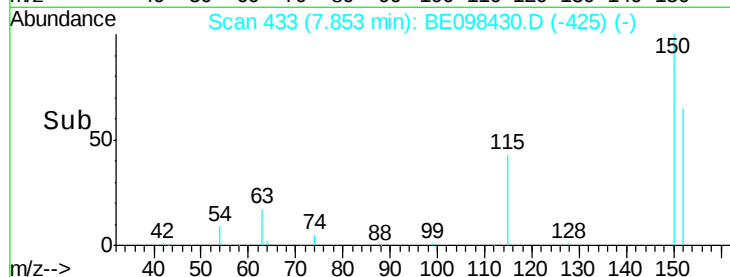
115 70.2 53.9 80.9



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: 0.023 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

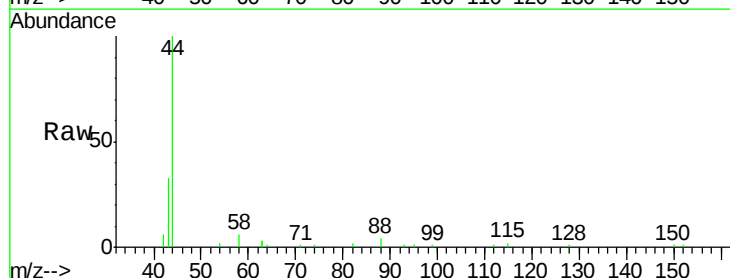
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

58 0.0 75.0 112.6#

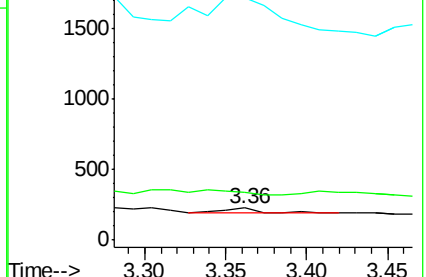
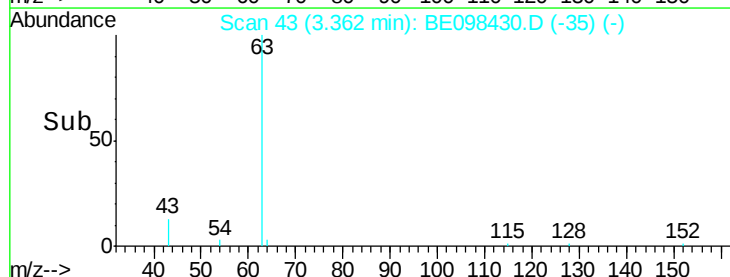
43 1255.2 38.3 57.5#



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



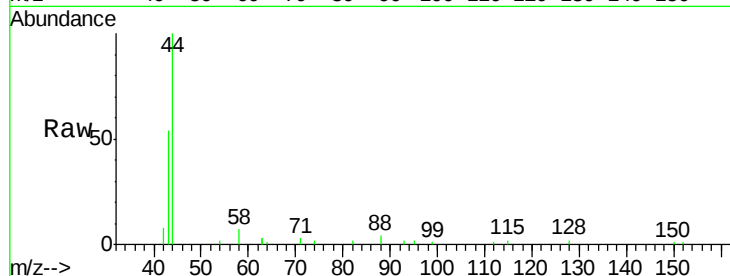


#3

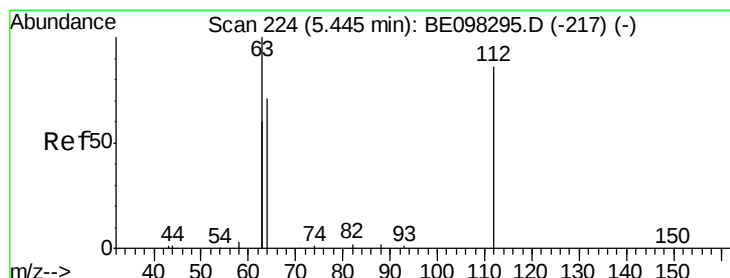
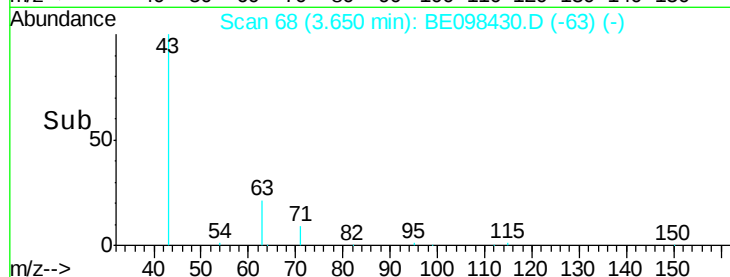
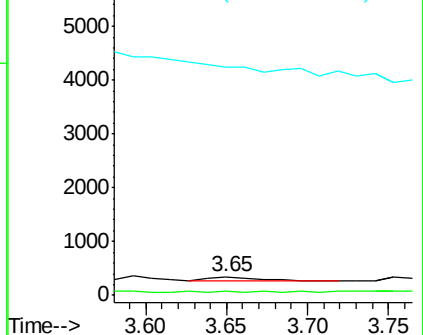
n-Nitrosodimethylamine
 Concen: 0.082 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.04 min
 Lab File: BE098430.D
 Acq: 14 Dec 2018 11:35

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181210

Tgt Ion: 42 Resp: 187
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 0.0 0.0 0.0



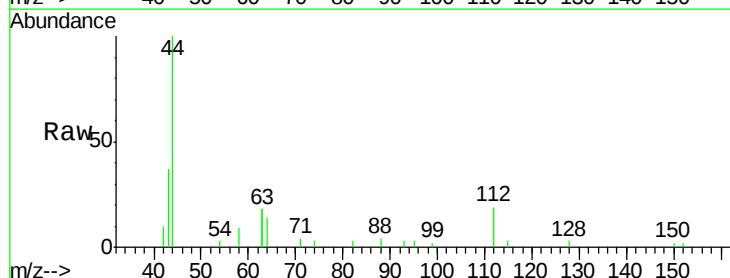
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



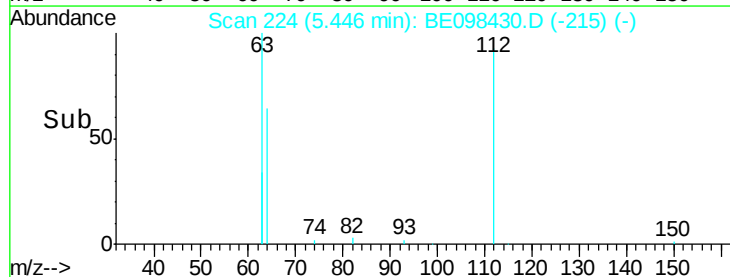
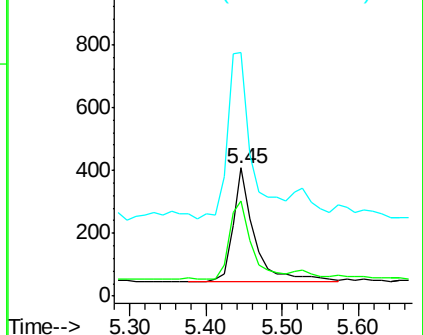
#4

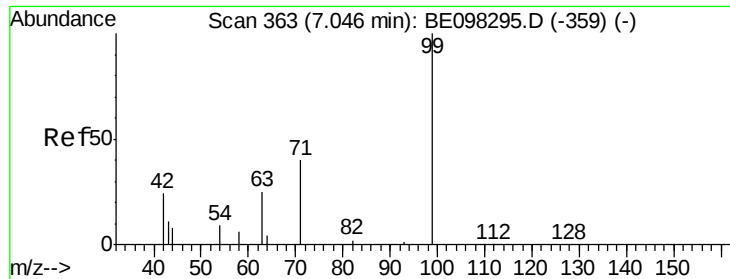
2-Fluorophenol
 Concen: 0.211 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.00 min
 Lab File: BE098430.D
 Acq: 14 Dec 2018 11:35

Tgt Ion: 112 Resp: 723
 Ion Ratio Lower Upper
 112 100
 64 71.5 59.8 89.8
 63 162.1 133.7 200.5



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: 0.122 ng

RT: 7.04 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181210

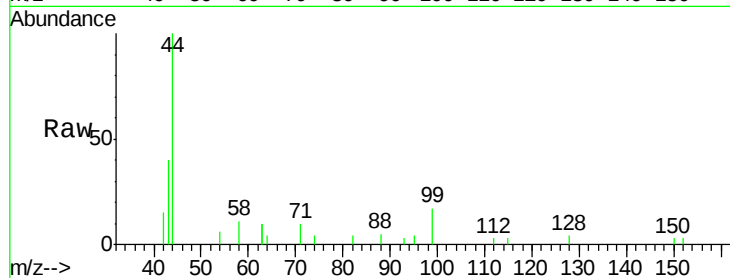
Tgt Ion: 99 Resp: 590

Ion Ratio Lower Upper

99 100

42 35.3 26.3 39.5

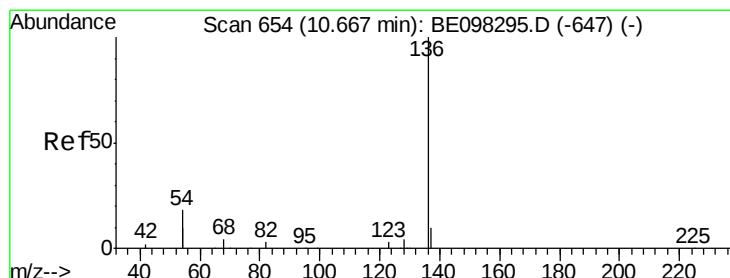
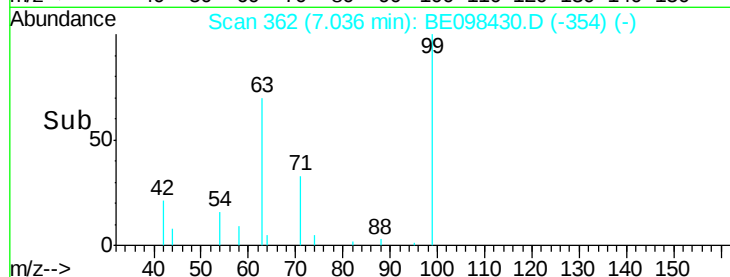
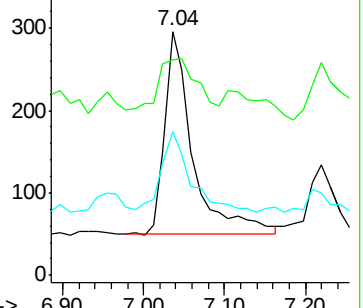
71 42.7 33.6 50.4



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: BE098430.D

Acq: 14 Dec 2018 11:35

Tgt Ion: 136 Resp: 6119

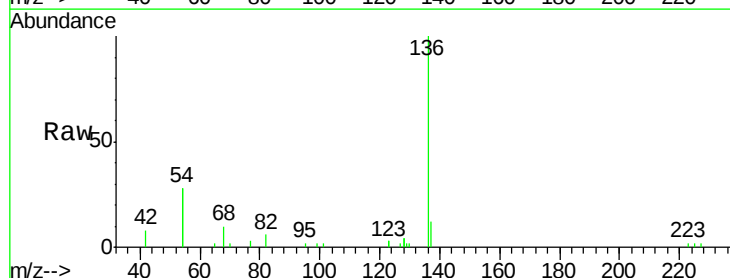
Ion Ratio Lower Upper

136 100

137 12.2 9.2 13.8

54 56.2 28.4 42.6#

68 10.3 5.4 8.0#

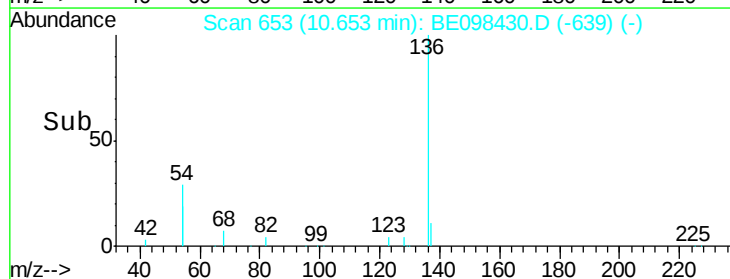
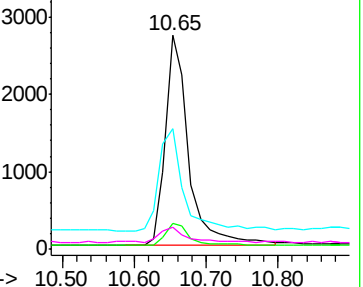


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181210

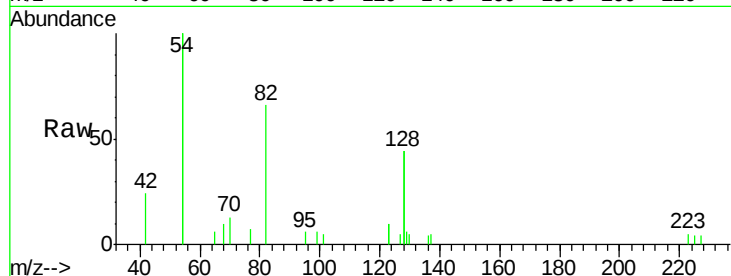
Tgt Ion: 82 Resp: 2285

Ion Ratio Lower Upper

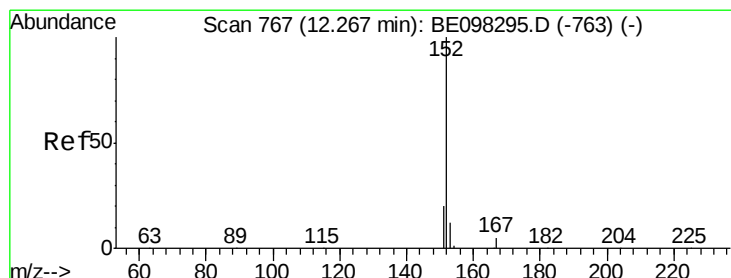
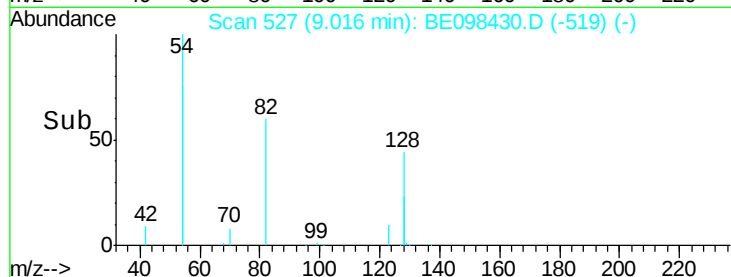
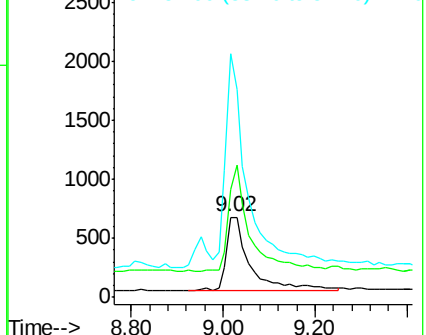
82 100

128 134.9 102.4 153.6

54 305.0 221.8 332.8



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: 0.388 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098430.D

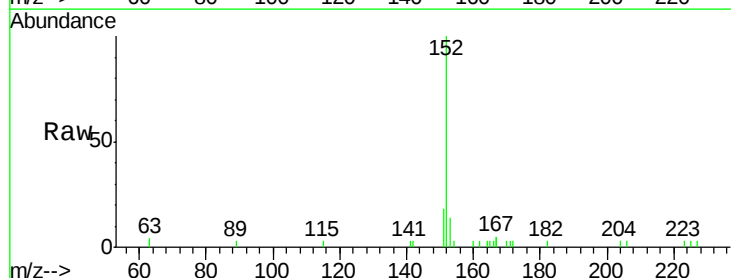
Acq: 14 Dec 2018 11:35

Tgt Ion: 152 Resp: 3857

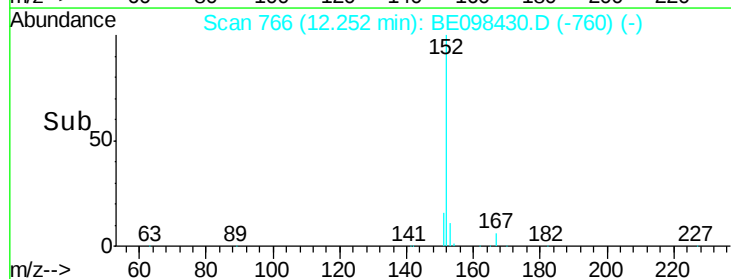
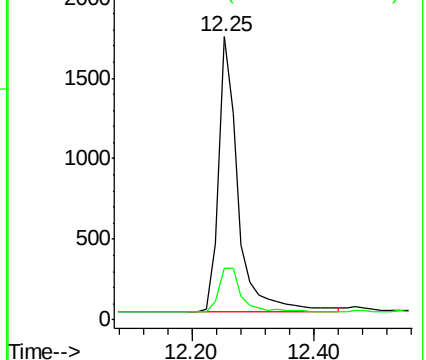
Ion Ratio Lower Upper

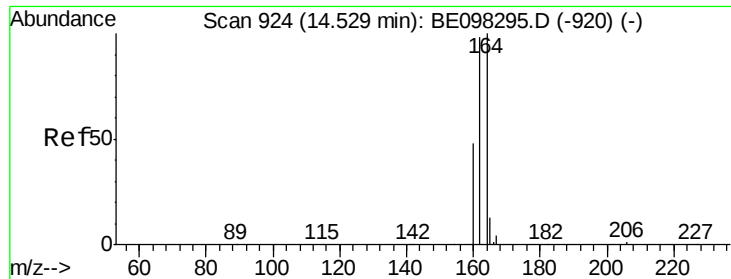
152 100

151 18.7 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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181210

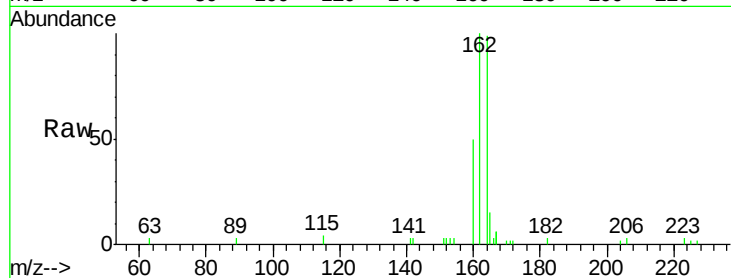
Tgt Ion:164 Resp: 3782

Ion Ratio Lower Upper

164 100

162 101.2 77.6 116.4

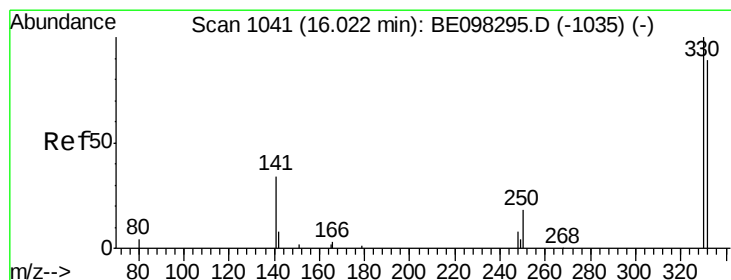
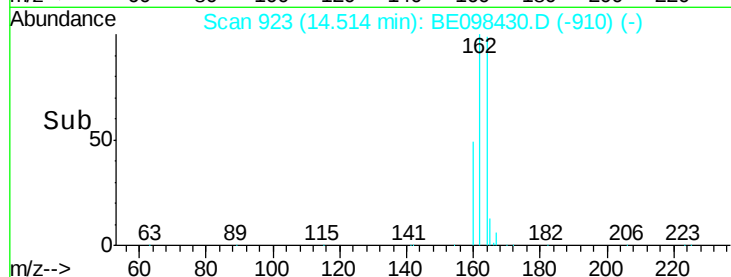
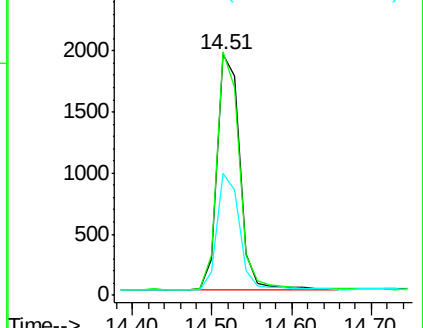
160 50.9 36.0 54.0



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: 0.279 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

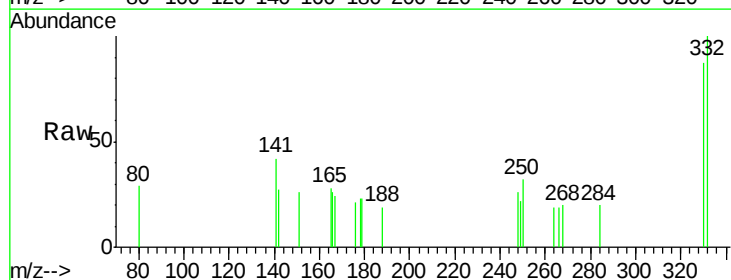
Tgt Ion:330 Resp: 387

Ion Ratio Lower Upper

330 100

332 101.0 76.2 114.4

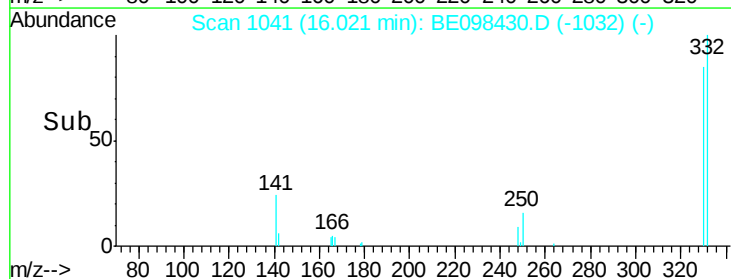
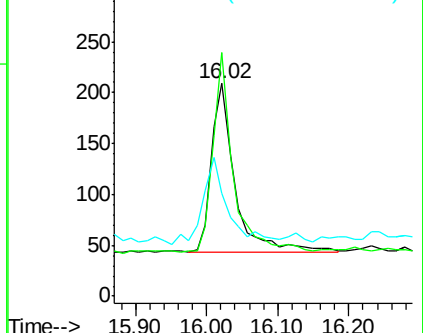
141 54.5 39.0 58.4

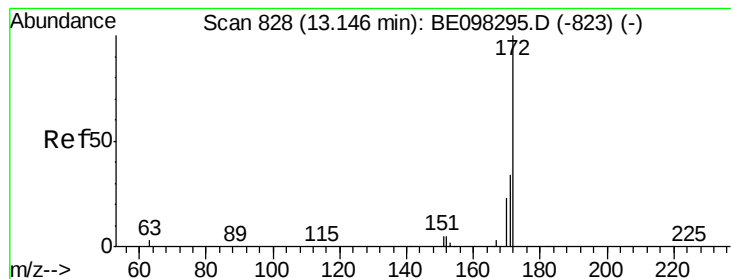


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

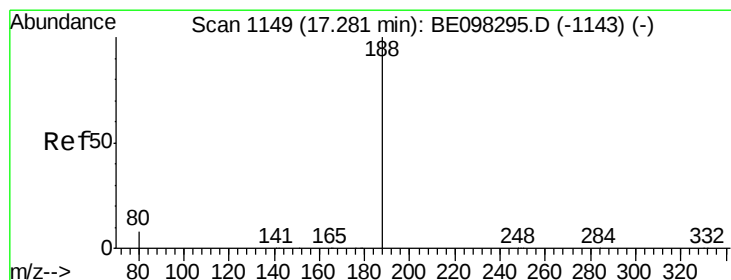
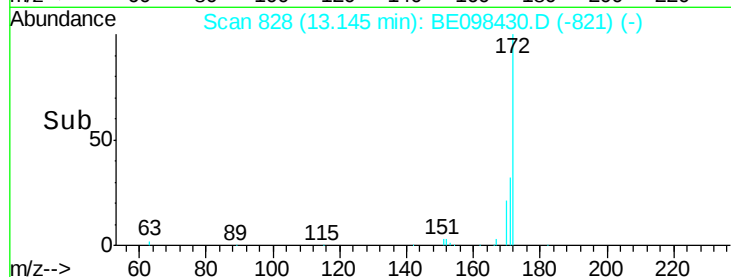
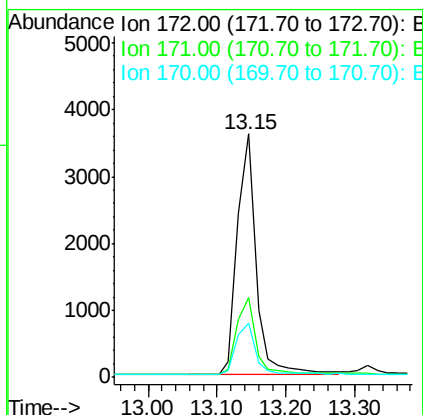
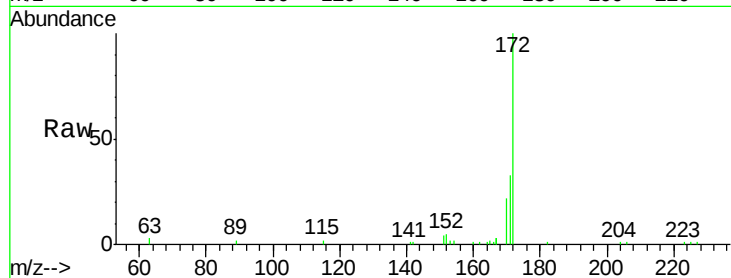




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098430.D
Acq: 14 Dec 2018 11:35

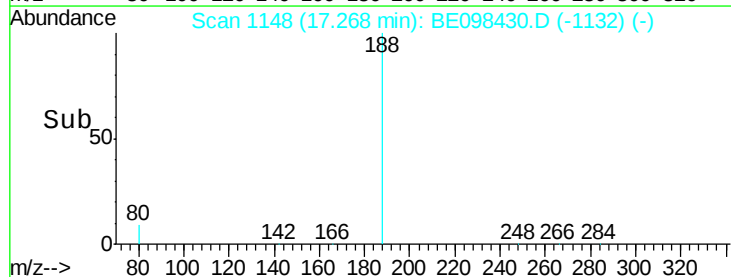
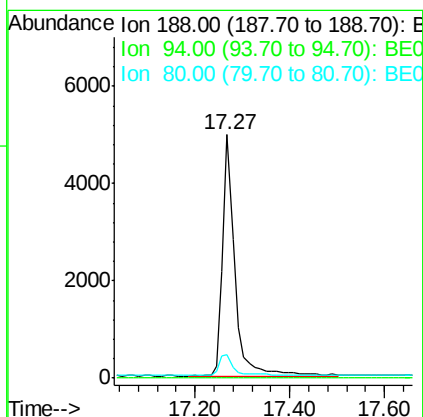
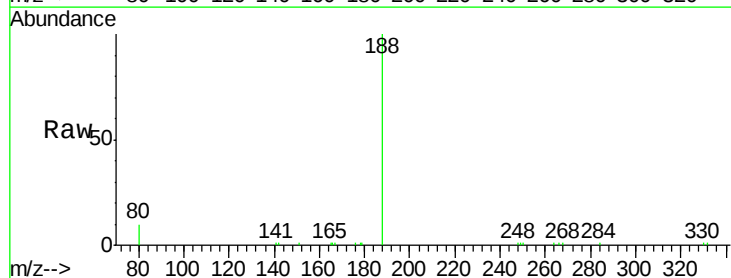
Instrument :
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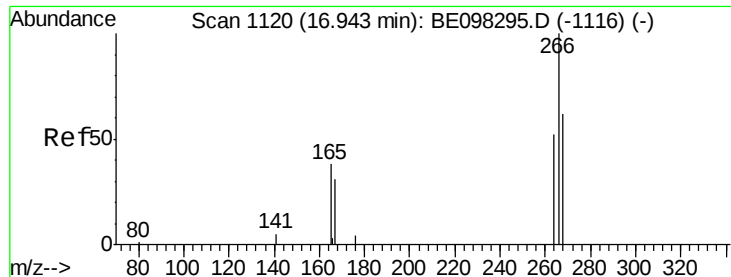
Tgt Ion:172 Resp: 6775
Ion Ratio Lower Upper
172 100
171 32.8 27.5 41.3
170 22.2 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098430.D
Acq: 14 Dec 2018 11:35

Tgt Ion:188 Resp: 8919
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.2 10.8





#22

Pentachlorophenol

Concen: 0.030 ng

RT: 16.88 min Scan# 1115

Delta R.T. -0.06 min

Lab File: BE098430.D

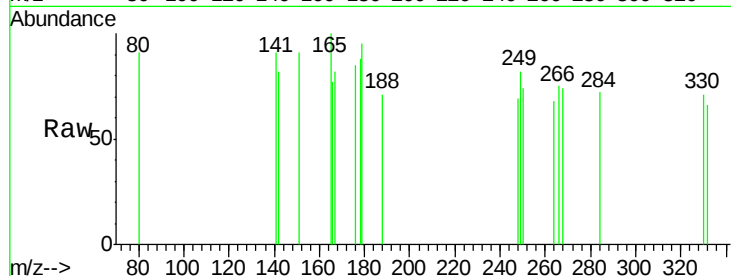
Acq: 14 Dec 2018 11:35

Instrument :

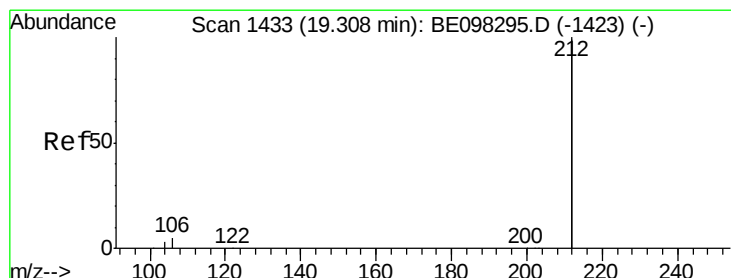
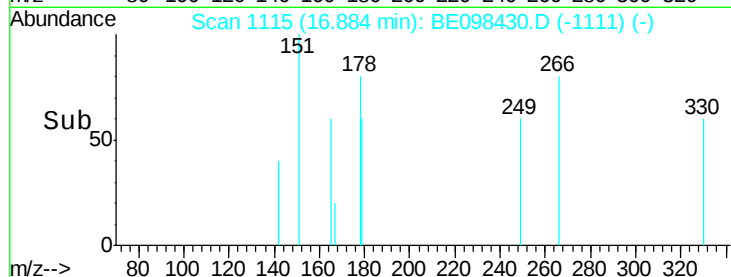
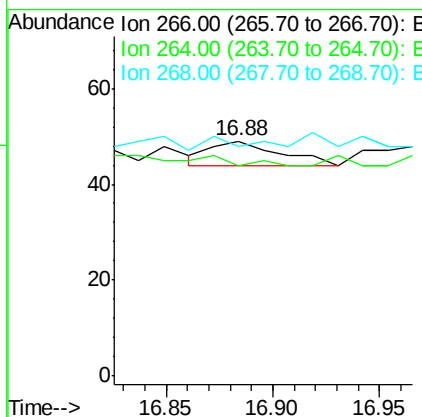
BNA_E

ClientSampleId :

KY038PS035-181210



Tgt Ion:	266	Resp:	11
Ion	Ratio	Lower	Upper
266	100		
264	89.8	59.0	88.4#
268	98.0	55.1	82.7#



#25

Fluoranthene-d10

Concen: 0.396 ng

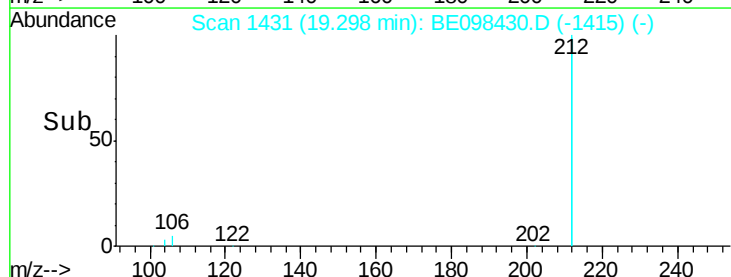
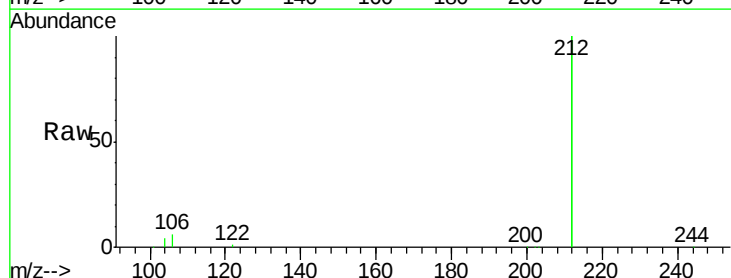
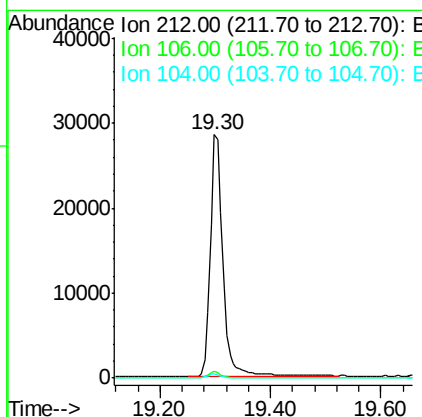
RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Tgt Ion:	212	Resp:	45302
Ion	Ratio	Lower	Upper
212	100		
106	2.4	2.2	3.2
104	1.5	1.3	1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181210

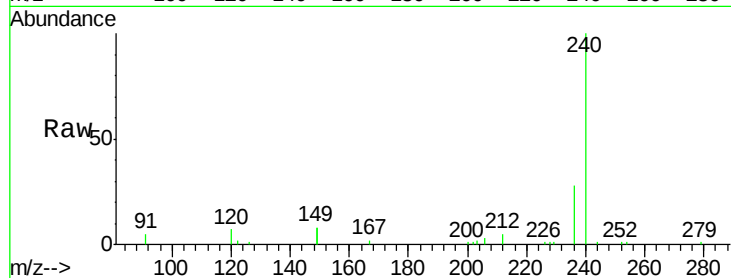
Tgt Ion:240 Resp: 9631

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

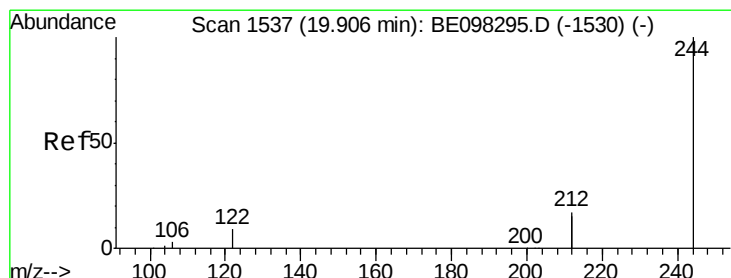
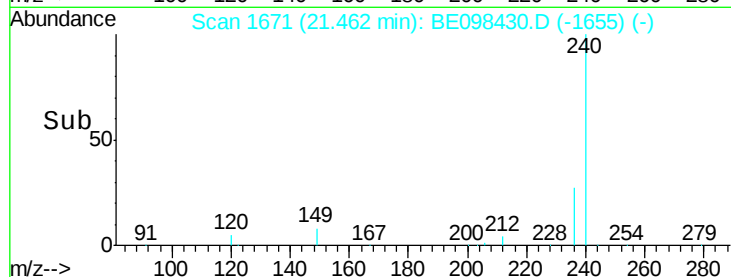
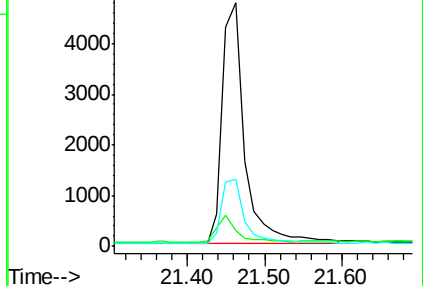
236 27.5 22.7 34.1



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: 0.340 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

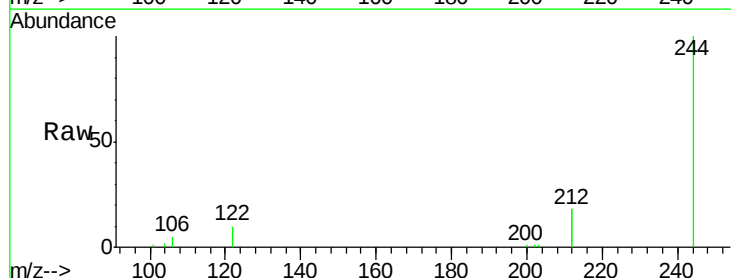
Tgt Ion:244 Resp: 7963

Ion Ratio Lower Upper

244 100

212 35.9 27.4 41.0

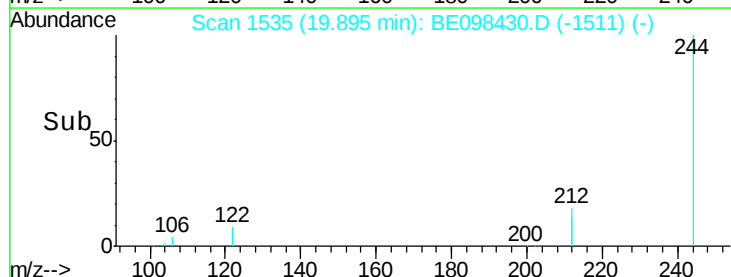
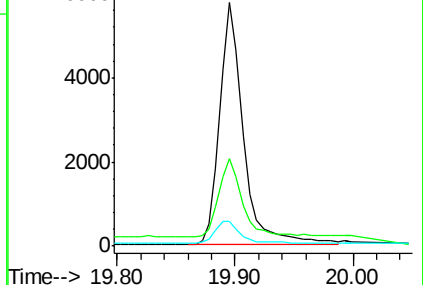
122 10.2 8.3 12.5

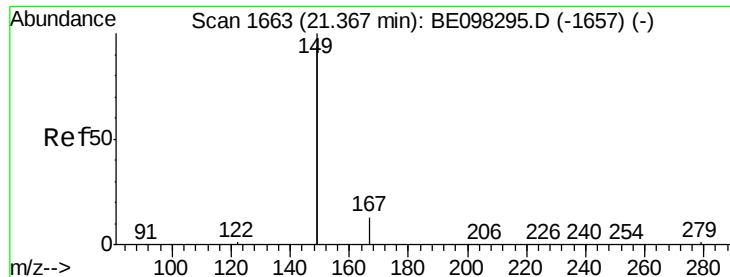


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181210

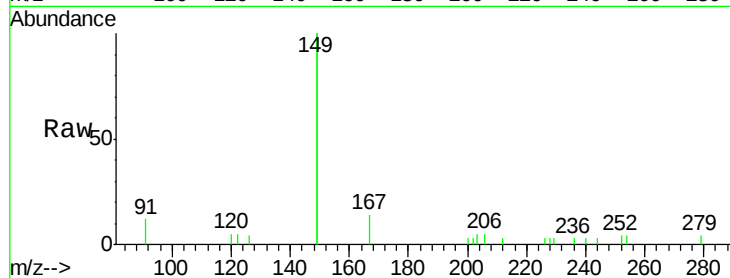
Tgt Ion:149 Resp: 3986

Ion Ratio Lower Upper

149 100

167 6.2 5.7 8.5

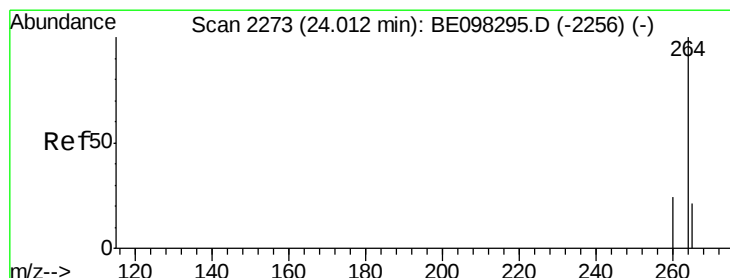
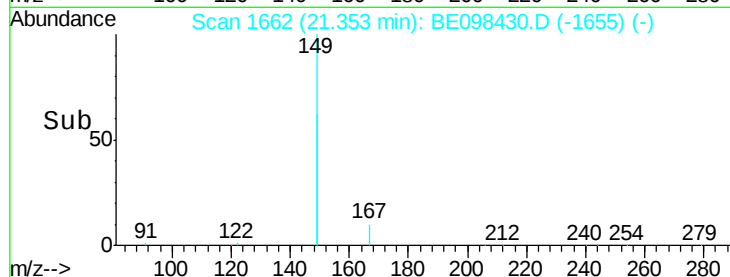
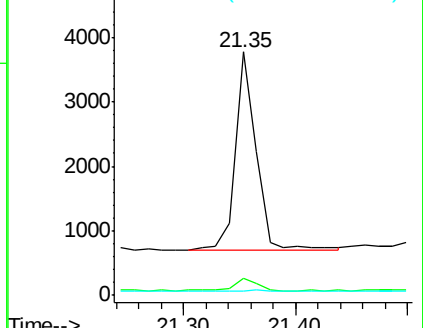
279 1.2 1.0 1.4



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# 2269

Delta R.T. -0.01 min

Lab File: BE098430.D

Acq: 14 Dec 2018 11:35

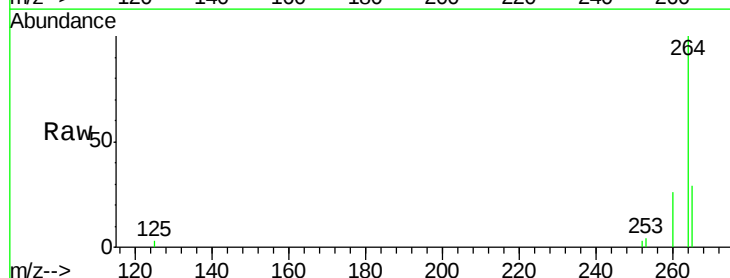
Tgt Ion:264 Resp: 9177

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 28.7 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

