

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098442.D
 Acq On : 14 Dec 2018 19:01
 Operator : SJ/JU
 Sample : J6343-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20181209

Quant Time: Dec 14 23:32:37 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

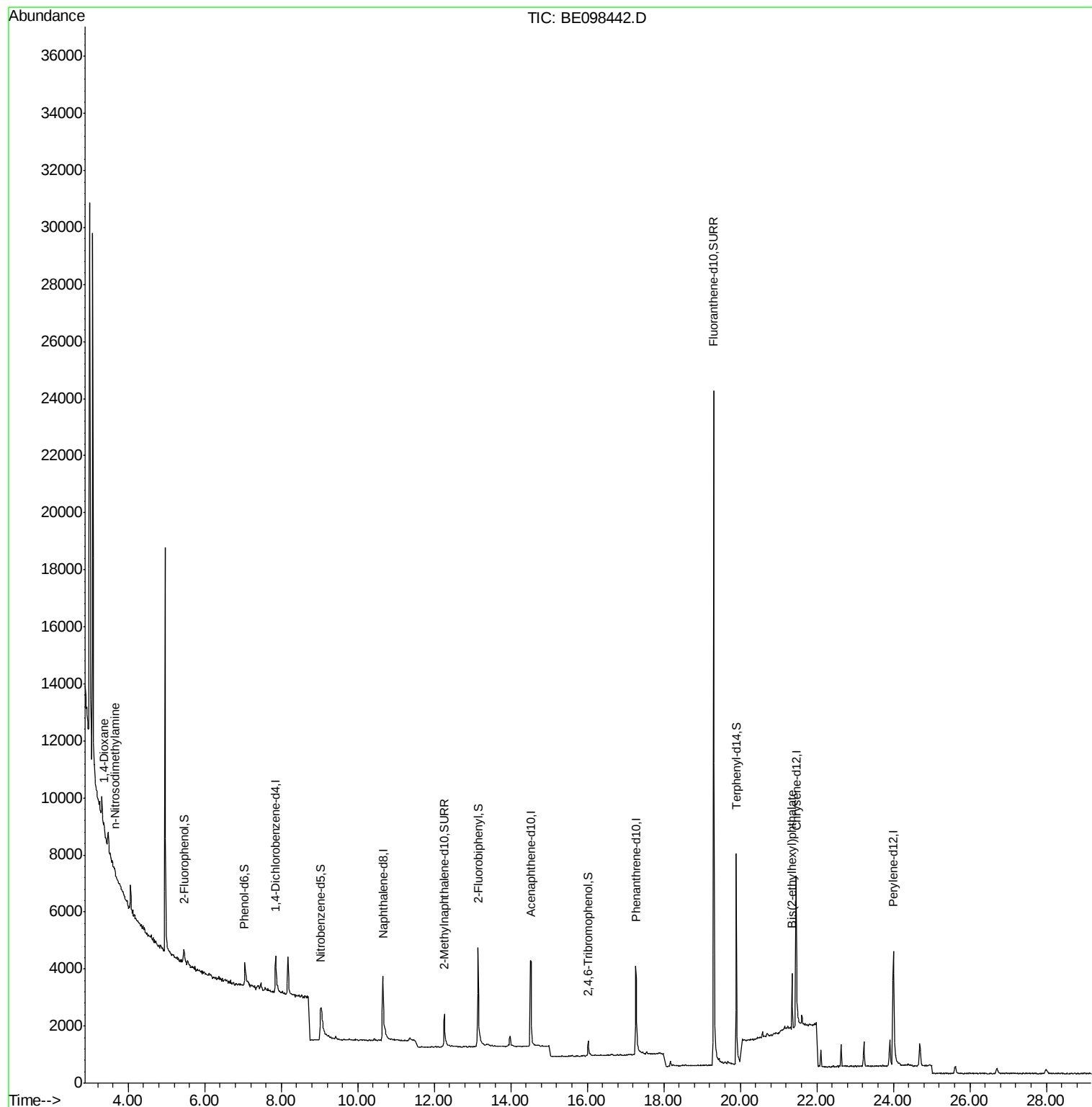
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	869	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3698	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2485	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6334	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7883	0.40	ng	0.00
34) Perylene-d12	24.00	264	7491	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	409	0.20	ng	0.00
5) Phenol-d6	7.04	99	379	0.13	ng	0.00
8) Nitrobenzene-d5	9.04	82	1095	0.33	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2373	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	420	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4944	0.47	ng	0.00
25) Fluoranthene-d10	19.30	212	35881	0.44	ng	0.00
29) Terphenyl-d14	19.89	244	7256	0.38	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	103	0.069	ng	Qvalue # 1
3) n-Nitrosodimethylamine	3.67	42	30	0.022	ng	# 100
32) Bis(2-ethylhexyl)phthalate	21.35	149	1957	0.043	ng	# 98

(#) = 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: BE098442.D

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Instrument :

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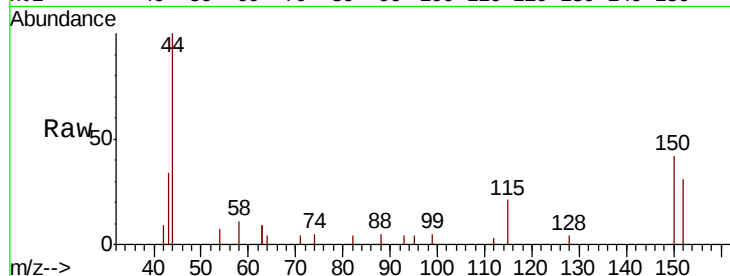
Tgt Ion: 152 Resp: 869

Ion Ratio Lower Upper

152 100

150 136.4 124.2 186.4

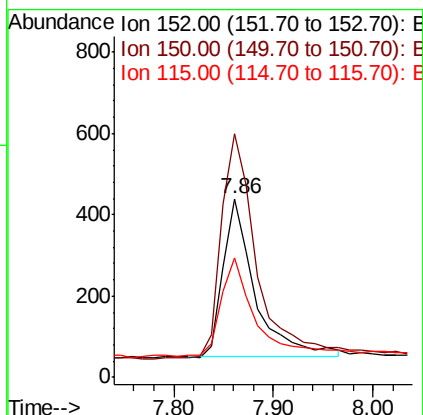
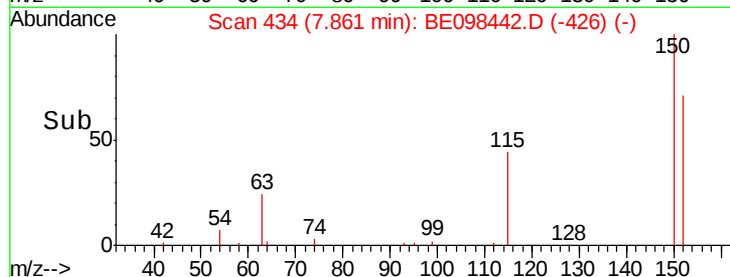
115 67.2 53.9 80.9



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: 0.069 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

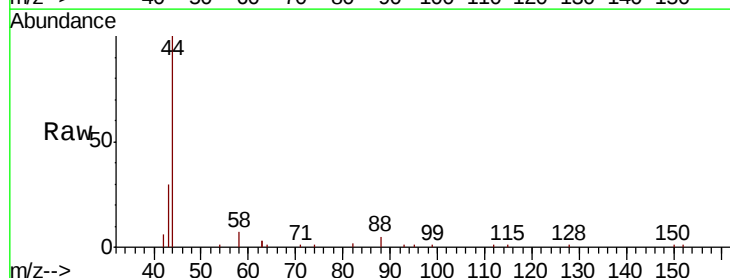
Tgt Ion: 88 Resp: 103

Ion Ratio Lower Upper

88 100

58 107.8 75.0 112.6

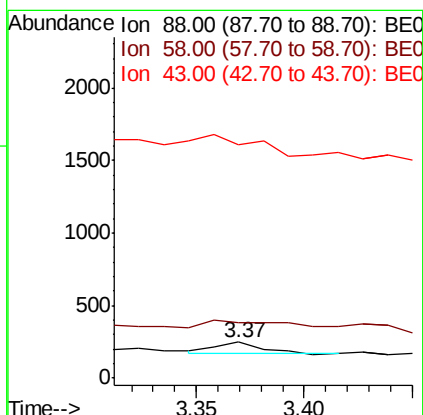
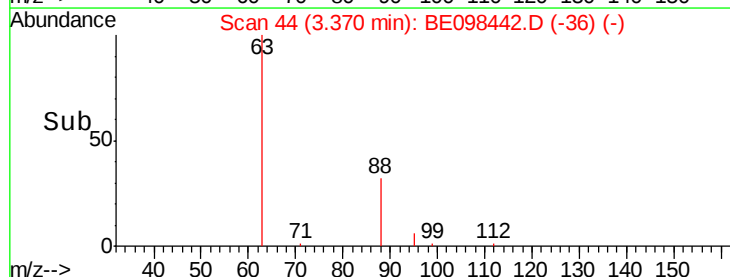
43 416.5 38.3 57.5#



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: 0.022 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.03 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

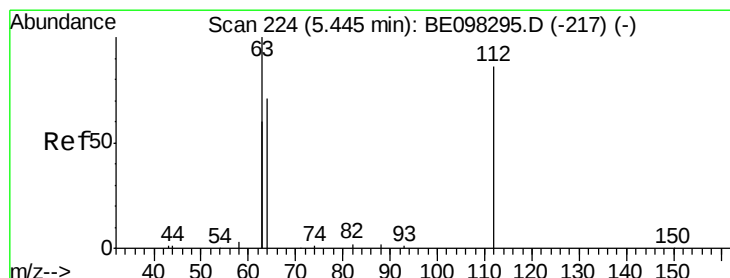
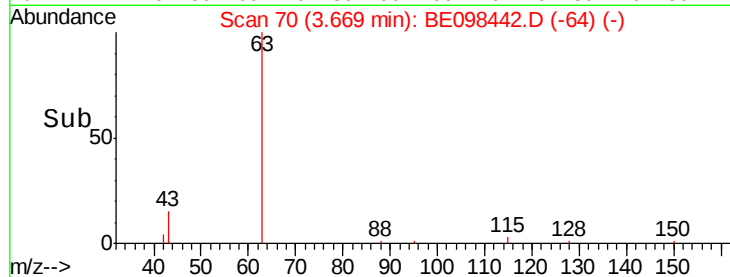
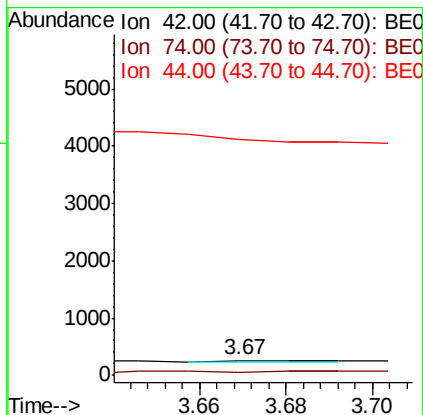
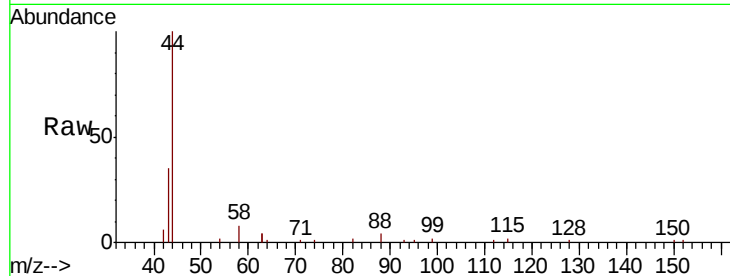
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20181209

Tgt Ion:	42	Resp:	30
Ion	Ratio	Lower	Upper
42	100		
74	123.3	0.0	0.0#
44	0.0	0.0	0.0



#4

2-Fluorophenol

Concen: 0.201 ng

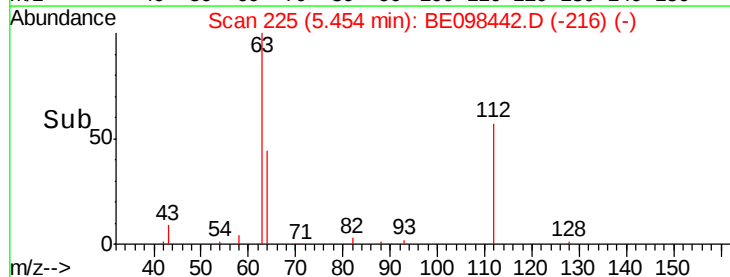
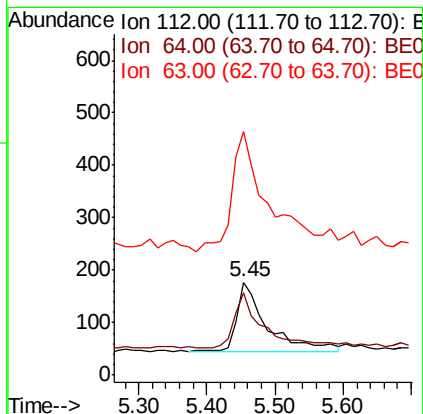
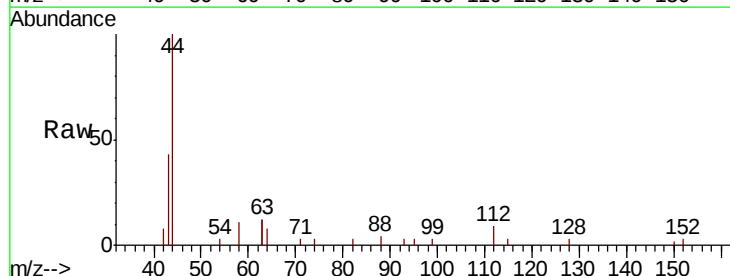
RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

Tgt Ion:	112	Resp:	409
Ion	Ratio	Lower	Upper
112	100		
64	86.8	59.8	89.8
63	208.6	133.7	200.5#





#5

Phenol-d6

Concen: 0.132 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20181209

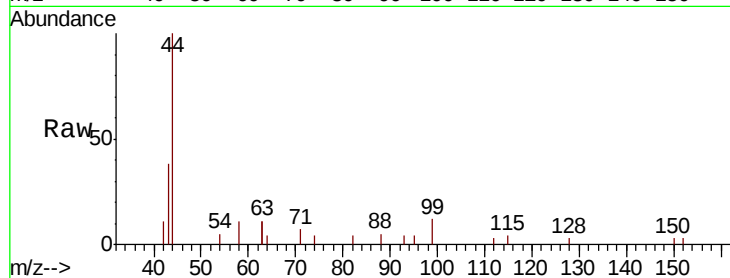
Tgt Ion: 99 Resp: 379

Ion Ratio Lower Upper

99 100

42 58.8 26.3 39.5#

71 50.9 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

7.04

200

150

100

50

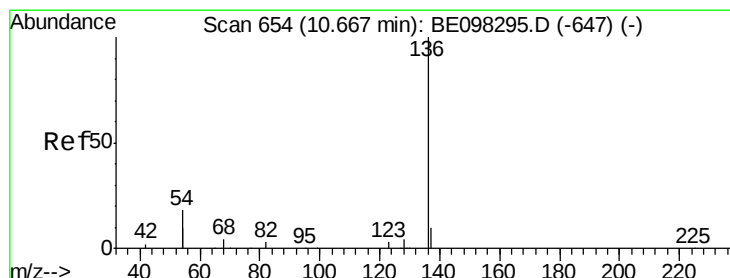
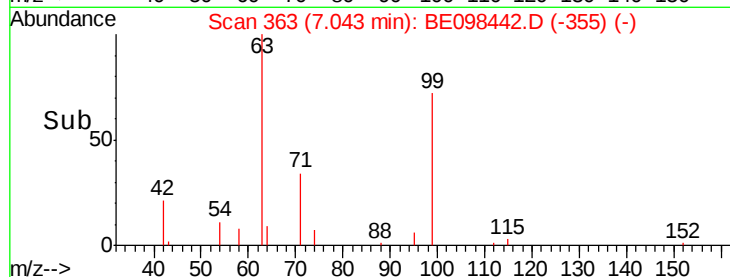
0

7.00

7.10

7.20

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

Tgt Ion: 136 Resp: 3698

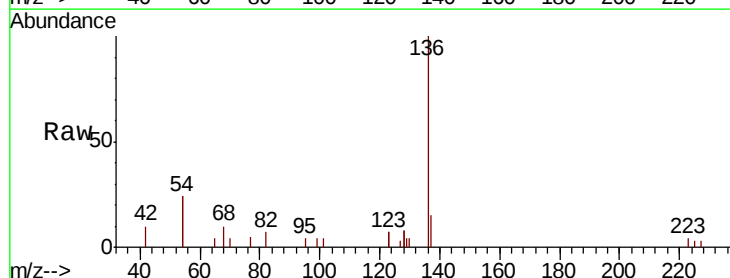
Ion Ratio Lower Upper

136 100

137 14.6 9.2 13.8#

54 48.9 28.4 42.6#

68 9.8 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

2000

1500

1000

500

0

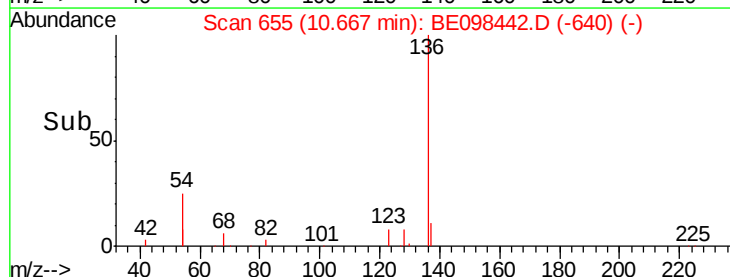
10.50

10.60

10.70

10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.325 ng

RT: 9.04 min Scan# 530

Delta R.T. 0.03 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20181209

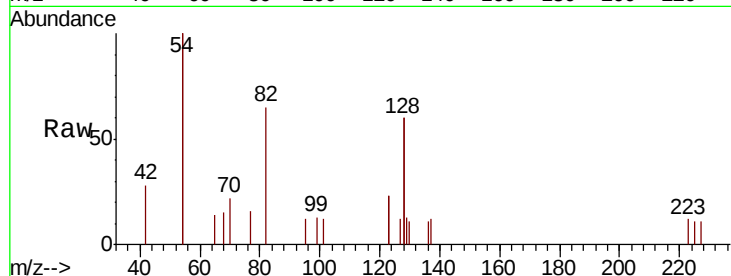
Tgt Ion: 82 Resp: 1095

Ion Ratio Lower Upper

82 100

128 187.0 102.4 153.6#

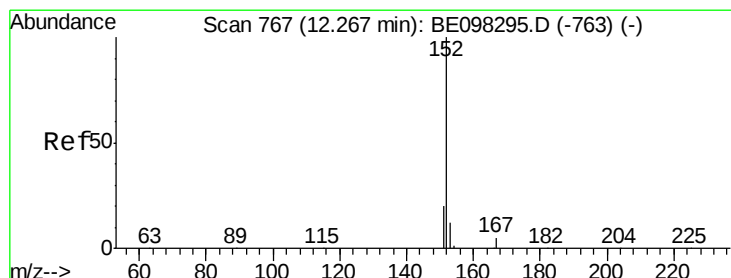
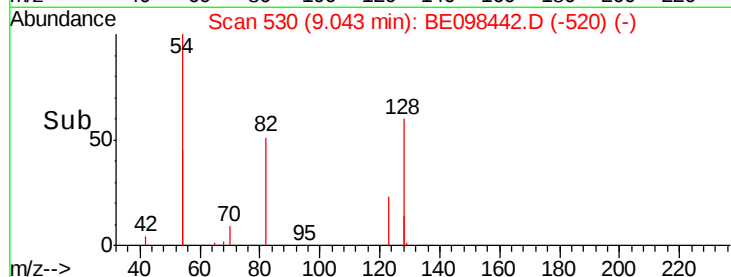
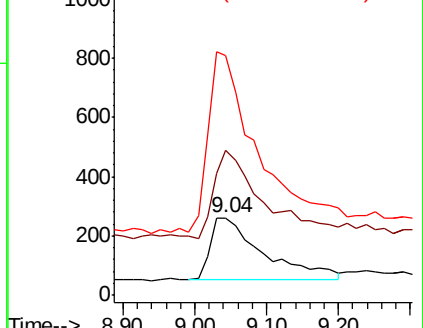
54 309.2 221.8 332.8



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: 0.395 ng

RT: 12.27 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE098442.D

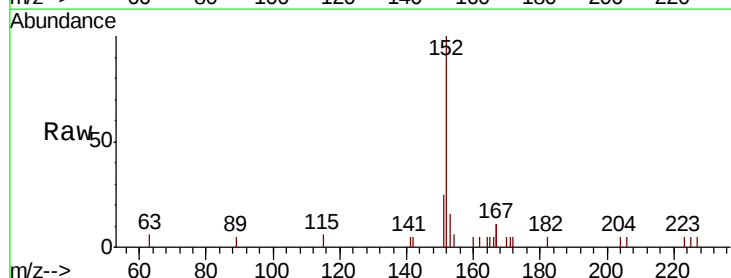
Acq: 14 Dec 2018 19:01

Tgt Ion: 152 Resp: 2373

Ion Ratio Lower Upper

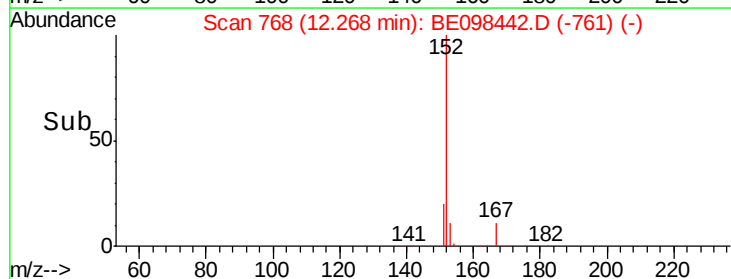
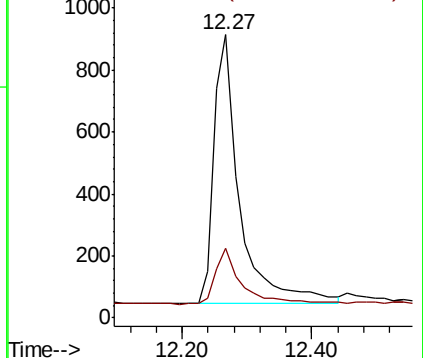
152 100

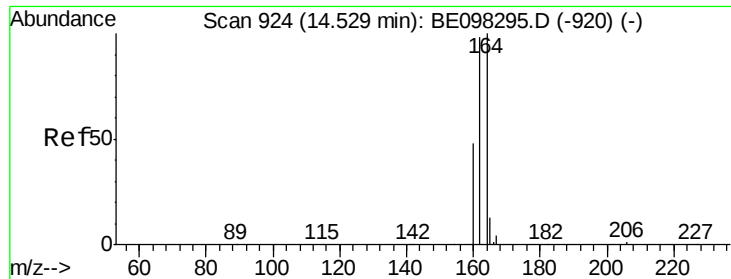
151 21.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

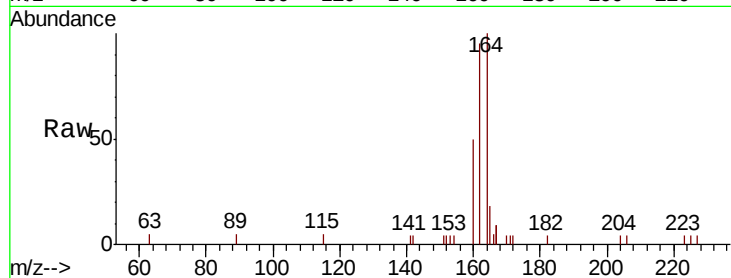




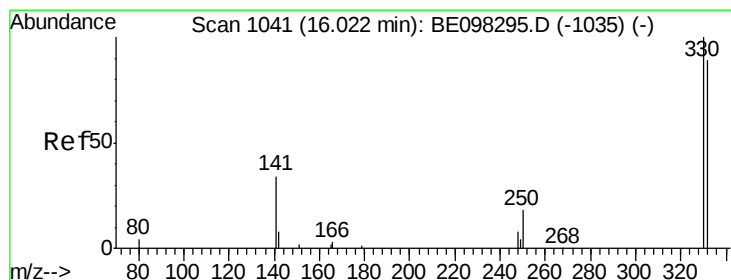
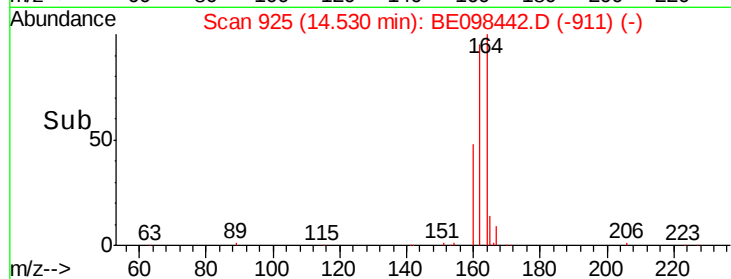
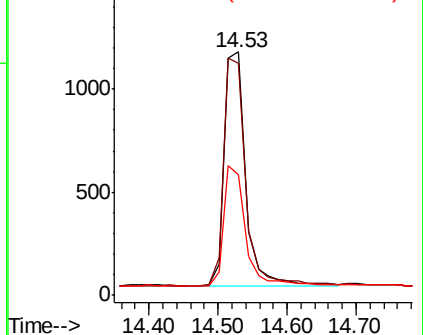
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098442.D
 Acq: 14 Dec 2018 19:01

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20181209

Tgt Ion:164 Resp: 2485
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.6 116.4
 160 49.8 36.0 54.0

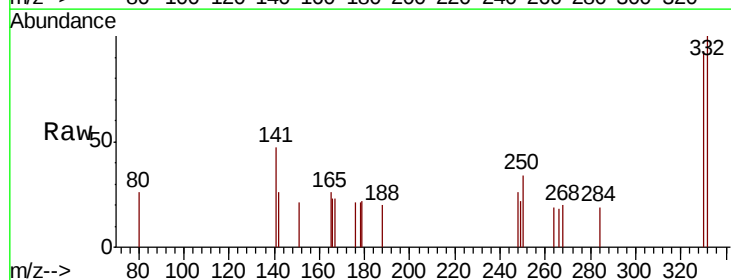


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

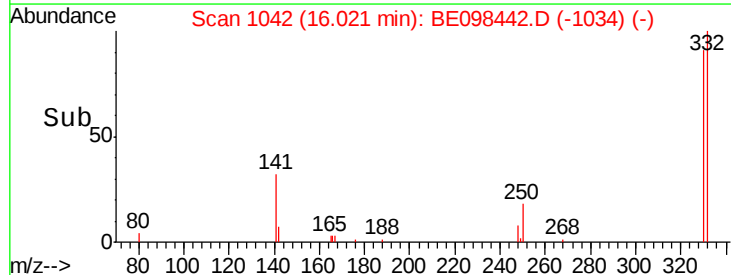
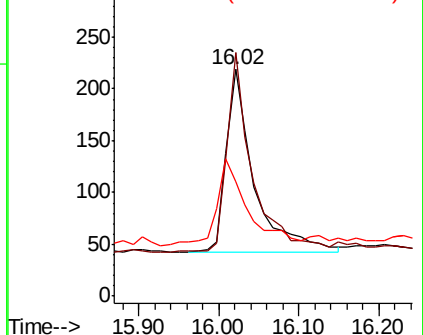


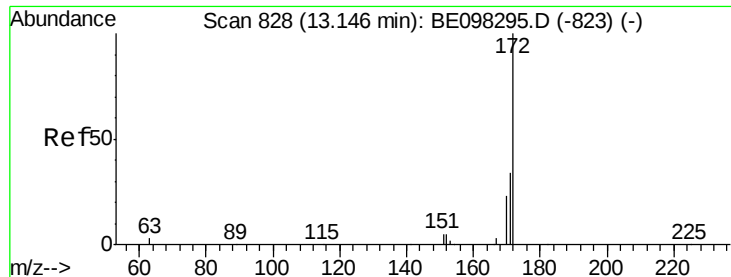
#14
 2,4,6-Tribromophenol
 Concen: 0.460 ng
 RT: 16.02 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BE098442.D
 Acq: 14 Dec 2018 19:01

Tgt Ion:330 Resp: 420
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.2 114.4
 141 45.7 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

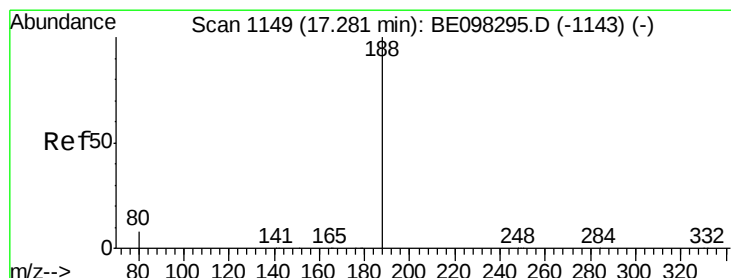
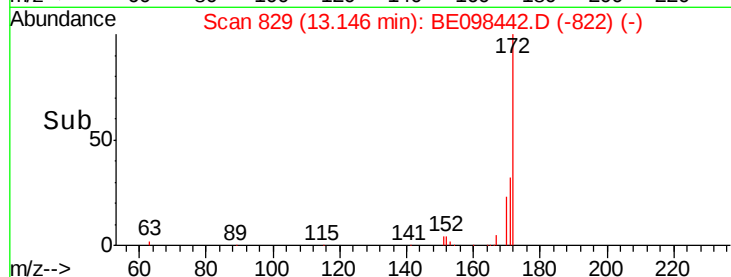
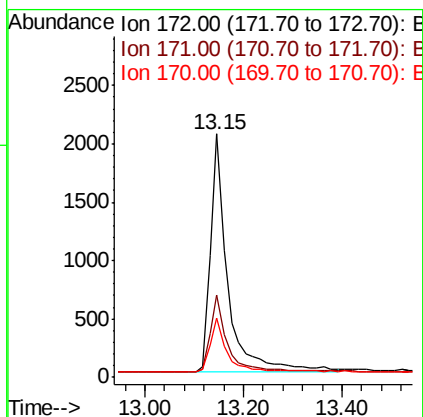
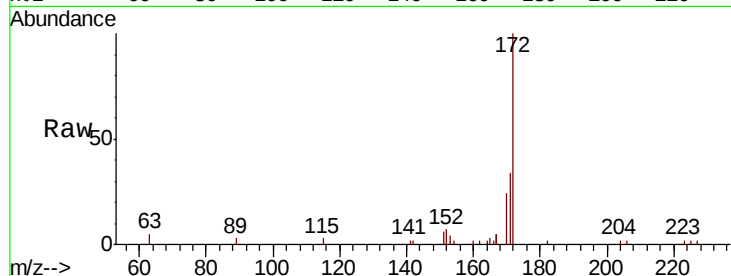




#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.15 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098442.D
Acq: 14 Dec 2018 19:01

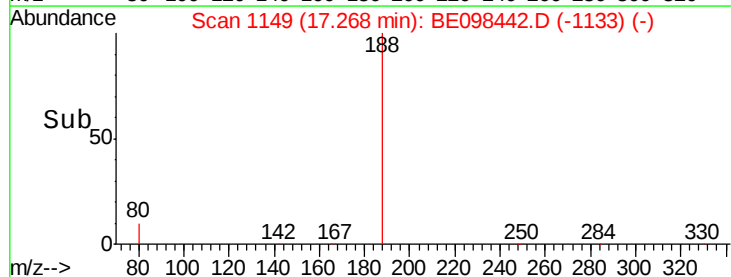
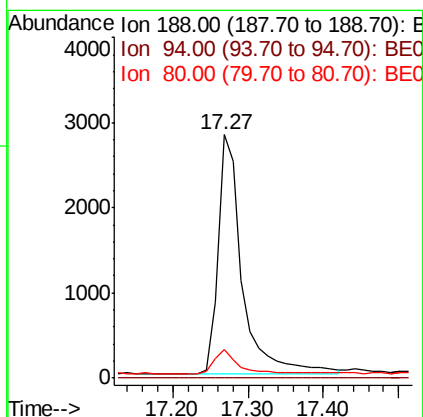
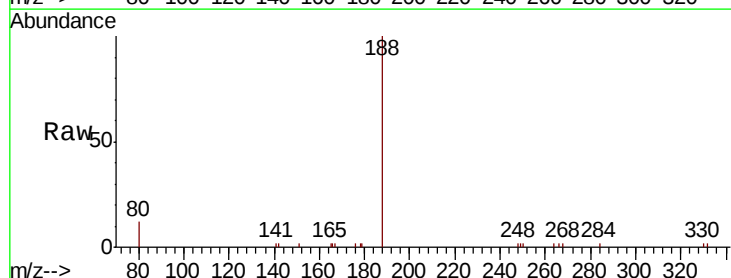
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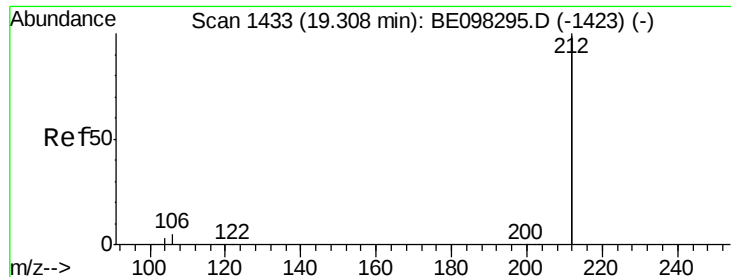
Tgt Ion:172 Resp: 4944
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 24.4 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BE098442.D
Acq: 14 Dec 2018 19:01

Tgt Ion:188 Resp: 6334
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.9 7.2 10.8#





#25

Fluoranthene-d10

Concen: 0.442 ng

RT: 19.30 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20181209

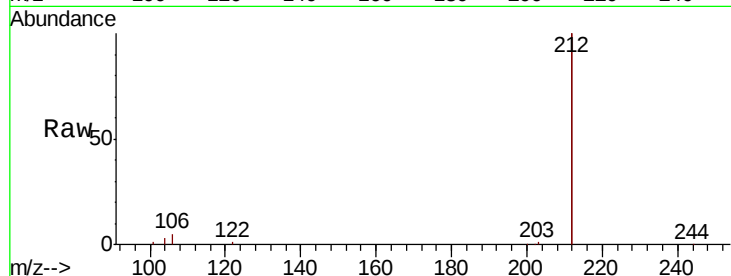
Tgt Ion:212 Resp: 35881

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

104 1.5 1.3 1.9

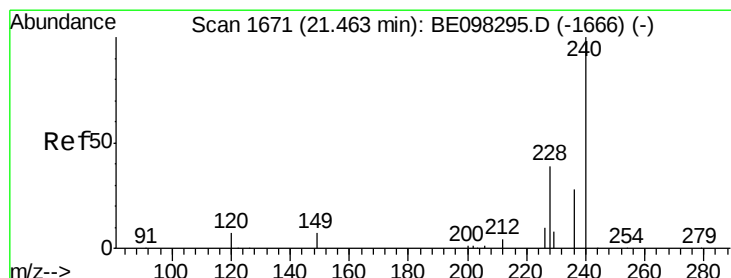
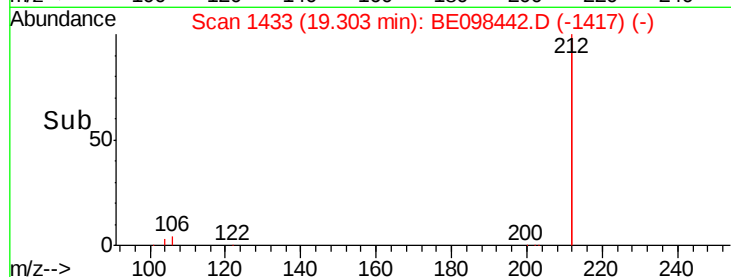
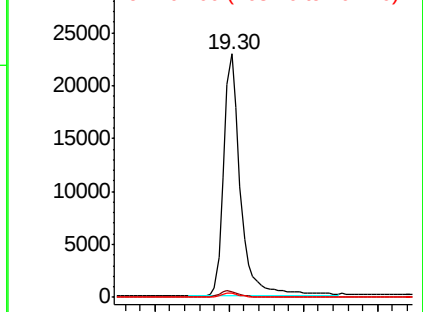


Abundance

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# 1672

Delta R.T. -0.00 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

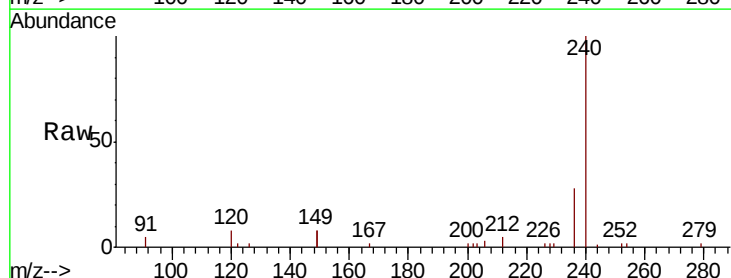
Tgt Ion:240 Resp: 7883

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

236 28.4 22.7 34.1

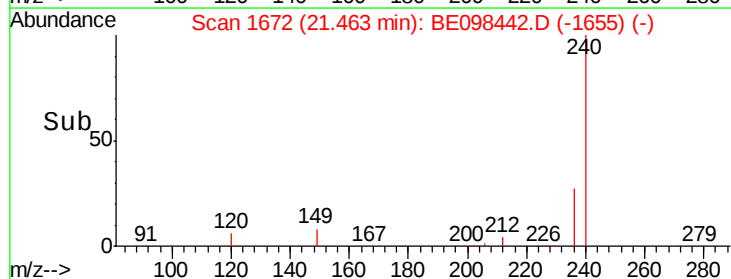
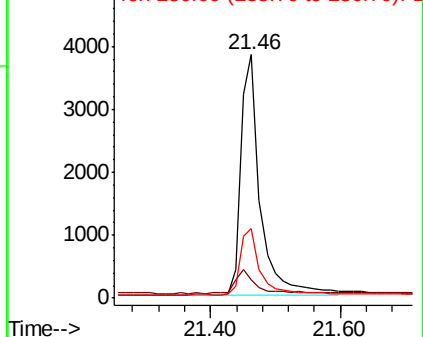


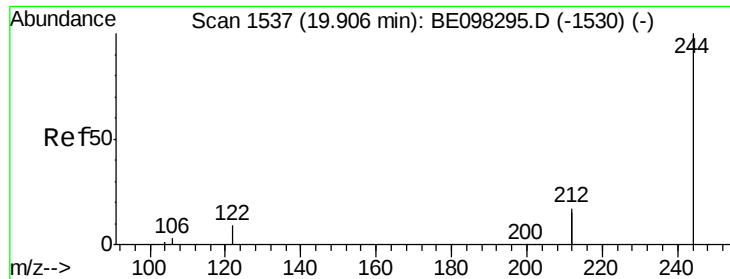
Abundance

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: 0.379 ng

RT: 19.89 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098442.D

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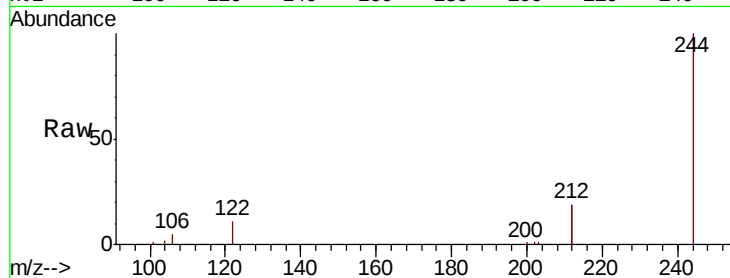
Tgt Ion:244 Resp: 7256

Ion Ratio Lower Upper

244 100

212 38.9 27.4 41.0

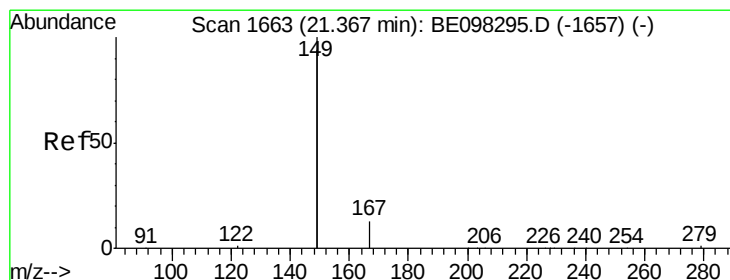
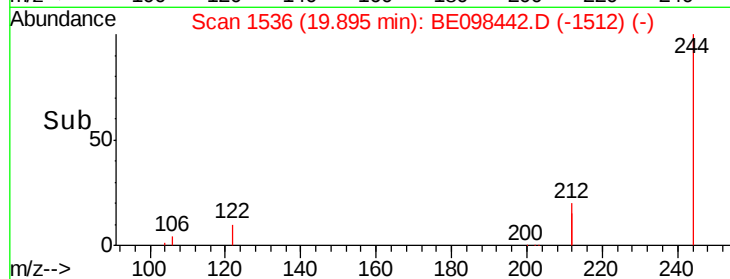
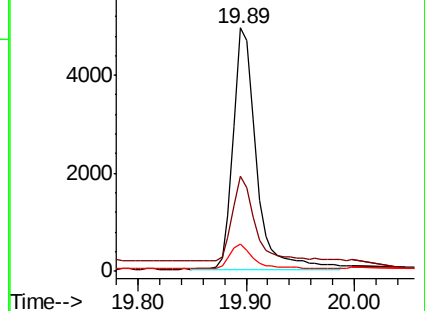
122 11.1 8.3 12.5



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: 0.043 ng

RT: 21.35 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BE098442.D

Acq: 14 Dec 2018 19:01

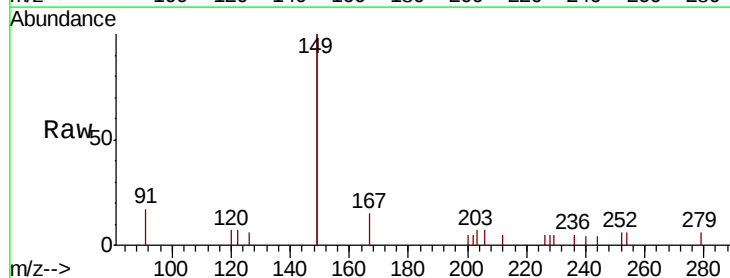
Tgt Ion:149 Resp: 1957

Ion Ratio Lower Upper

149 100

167 7.6 5.7 8.5

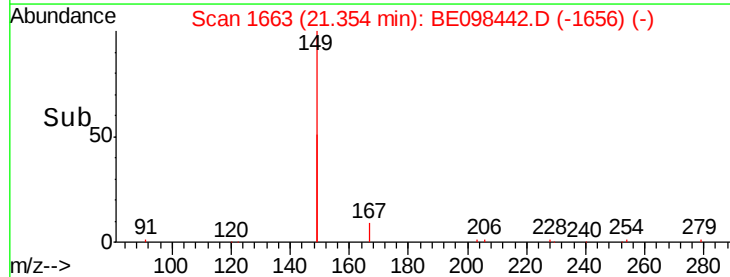
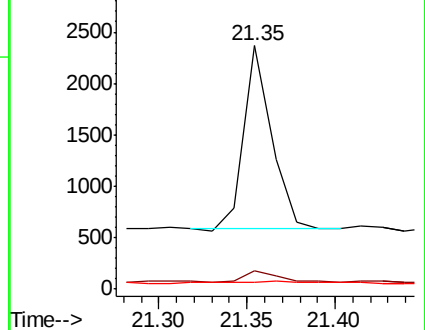
279 2.9 1.0 1.4#

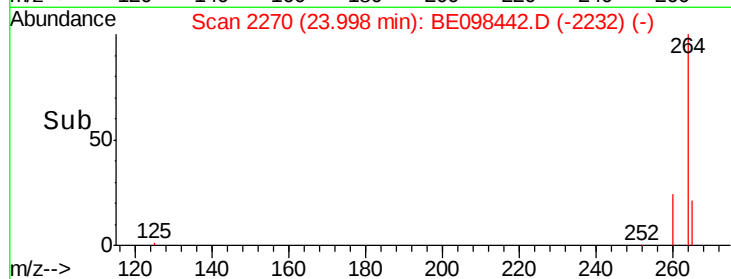
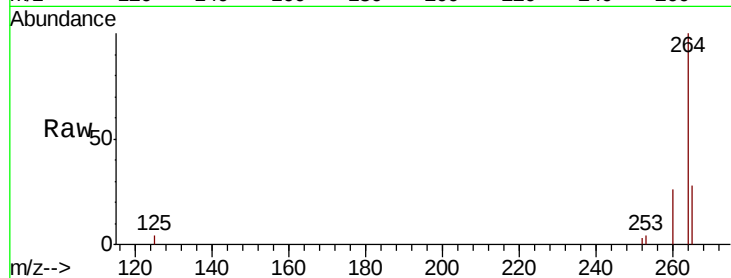


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098442.D

Acq: 14 Dec 2018 19:01

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20181209

Tgt Ion: 264 Resp: 7491

Ion Ratio Lower Upper

264 100

260 25.6 20.2 30.2

265 28.3 25.2 37.8

