

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110818\
 Data File : BE098168.D
 Acq On : 7 Nov 2018 11:33
 Operator : SJ/JU
 Sample : J5820-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CPS043085

Quant Time: Nov 07 16:26:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

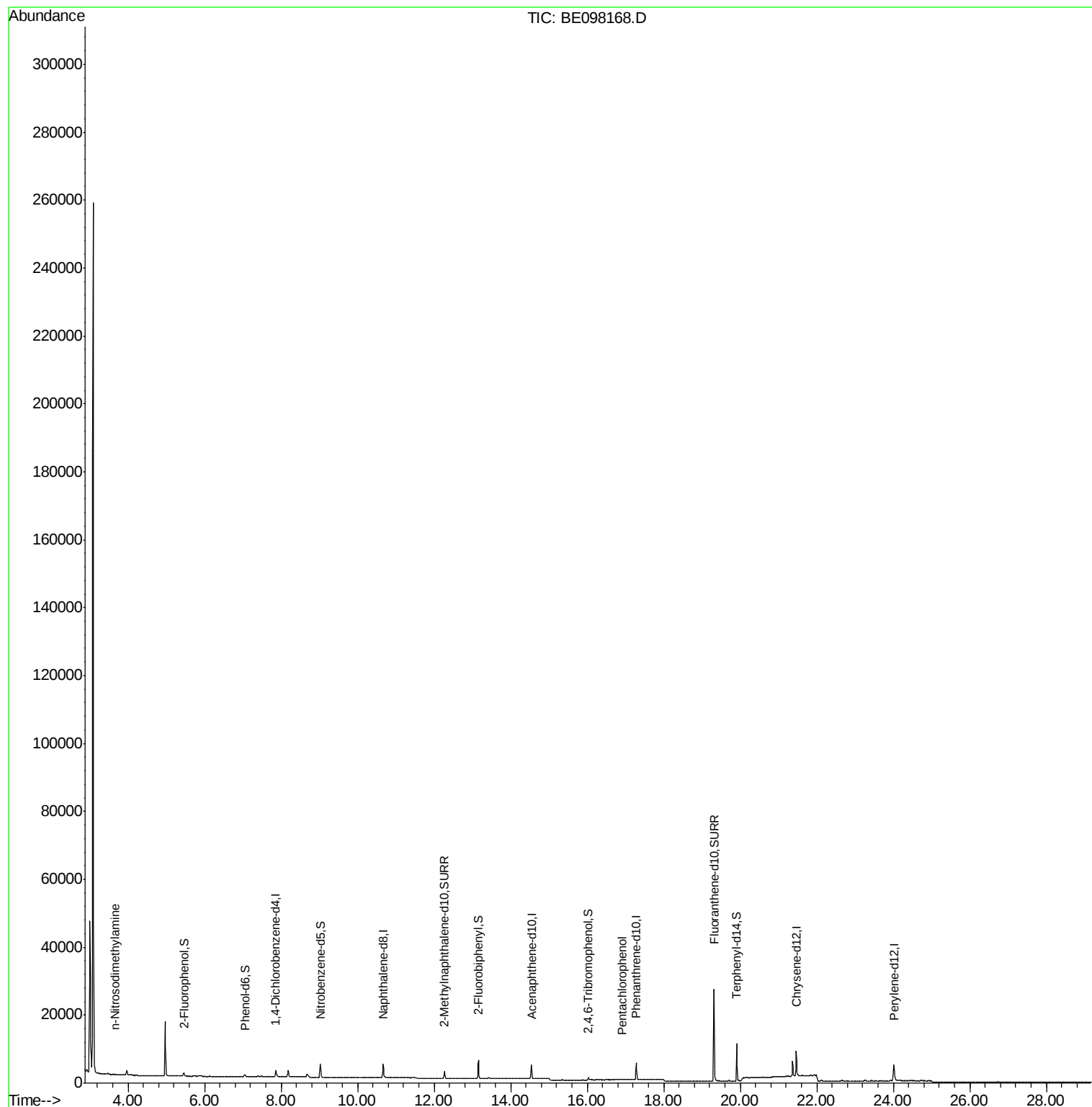
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	889	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4465	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	3098	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7208	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8066	0.40	ng	0.00
34) Perylene-d12	24.02	264	7705	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	532	0.20	ng	0.00
5) Phenol-d6	7.05	99	485	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1789	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	3073	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	509	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	5983	0.47	ng	0.00
25) Fluoranthene-d10	19.32	212	37563	0.40	ng	0.00
29) Terphenyl-d14	19.91	244	9732	0.52	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	40	0.023	ng	# 8
22) Pentachlorophenol	16.92	266	7	0.139	ng	# 58
32) Bis(2-ethylhexyl)phthalate	21.37	149	5755	Below Cal		# 99

(#) = 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. -0.01 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

CPS043085

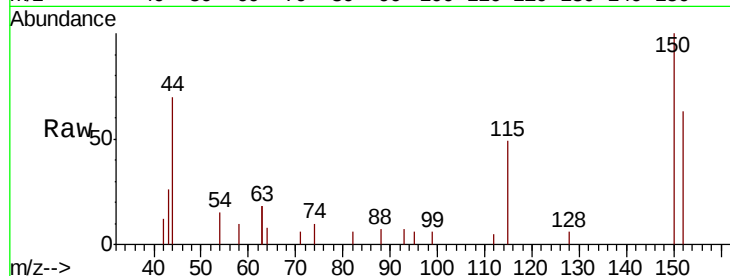
Tot Ion:152 Resp: 889

Ion Ratio Lower Upper

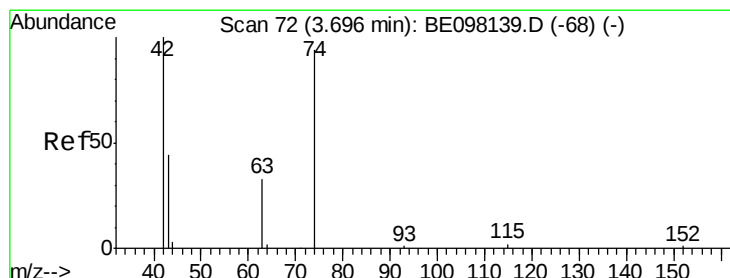
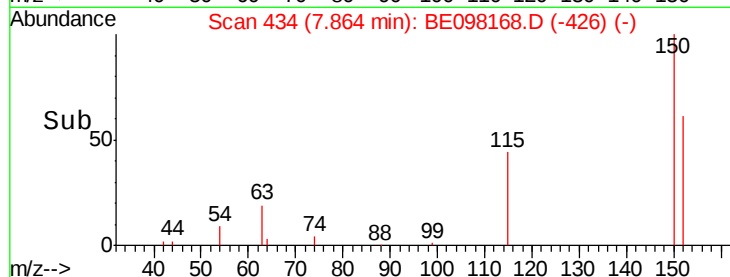
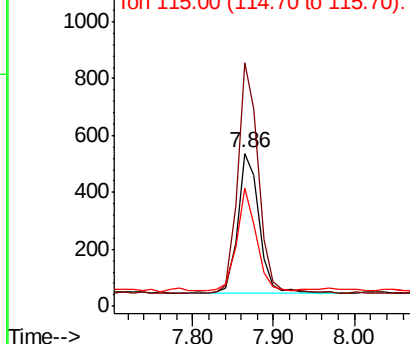
152 100

150 159.4 118.2 177.4

115 77.7 50.9 76.3#



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



#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.02 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

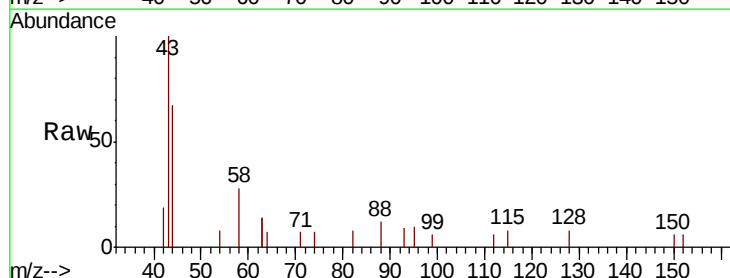
Tgt Ion: 42 Resp: 40

Ion Ratio Lower Upper

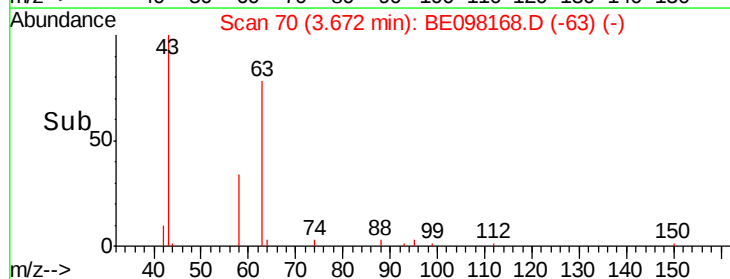
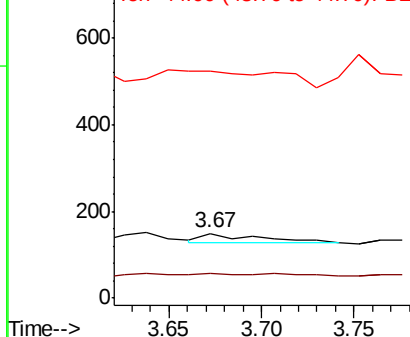
42 100

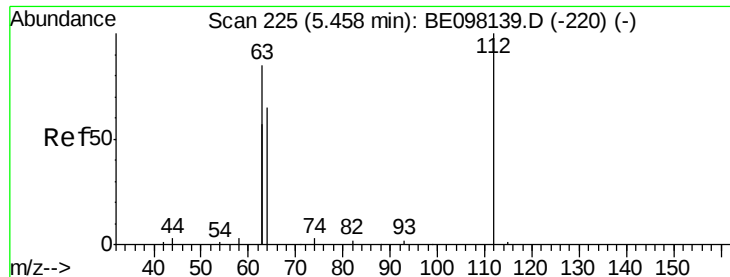
74 0.0 77.6 116.4#

44 0.0 7.6 11.4#



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: 0.202 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampled :

CPS043085

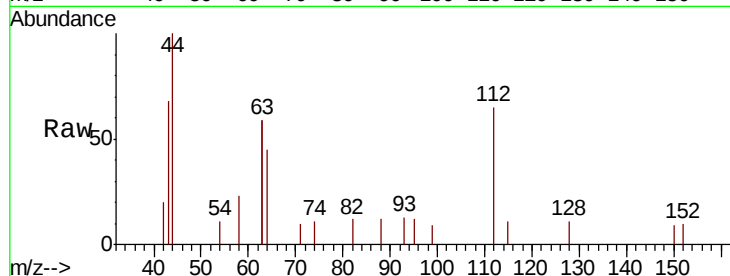
Tot Ion:112 Resp: 532

Ion Ratio Lower Upper

112 100

64 80.5 58.9 88.3

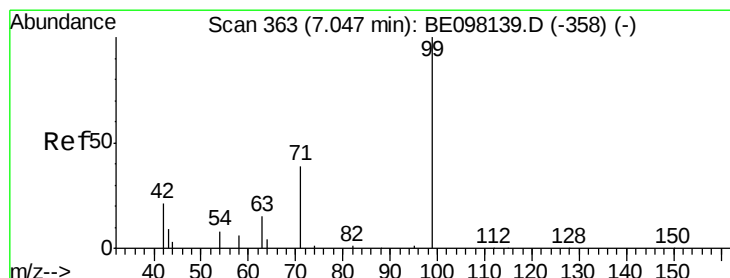
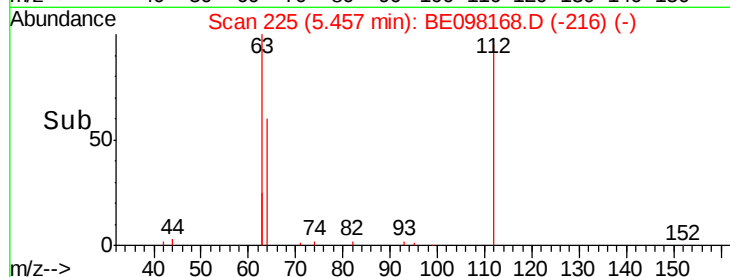
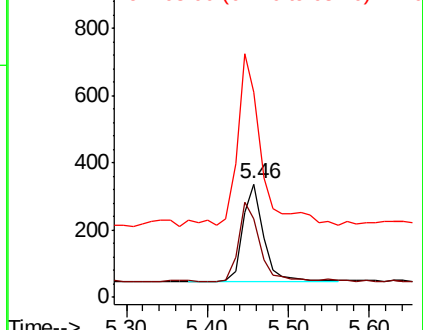
63 189.5 120.3 180.5#



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: 0.112 ng

RT: 7.05 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

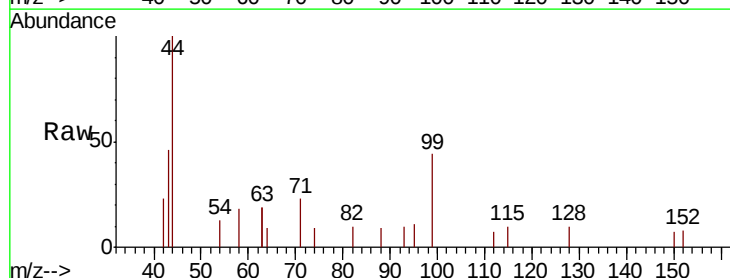
Tgt Ion: 99 Resp: 485

Ion Ratio Lower Upper

99 100

42 35.3 19.9 29.9#

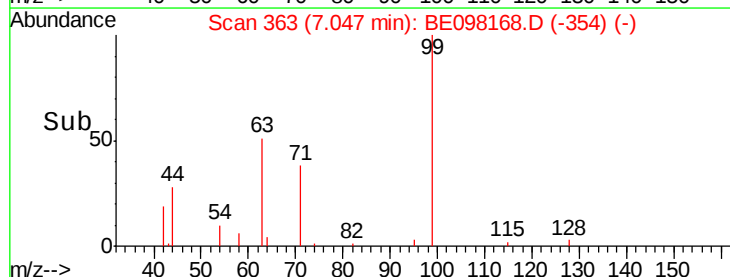
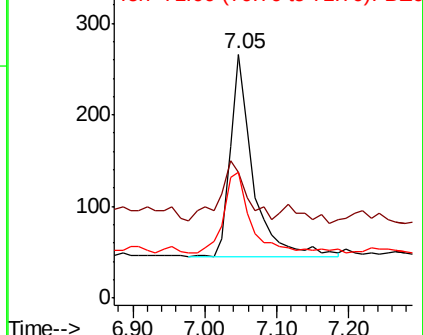
71 47.0 27.8 41.8#

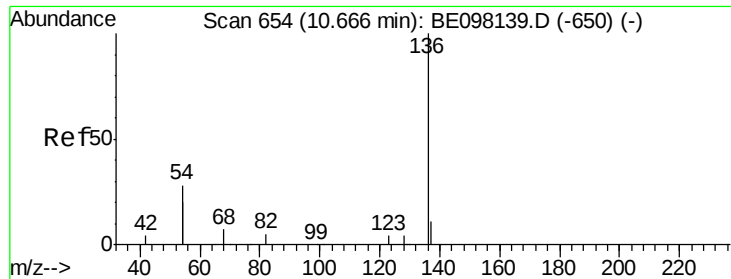


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

CPS043085

Tot Ion:136 Resp: 4465

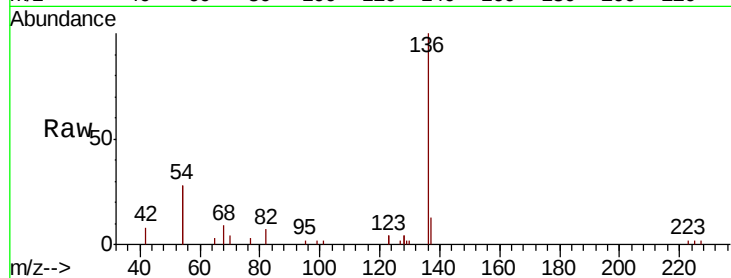
Ion Ratio Lower Upper

136 100

137 12.8 9.6 14.4

54 56.4 27.7 41.5#

68 8.8 5.3 7.9#

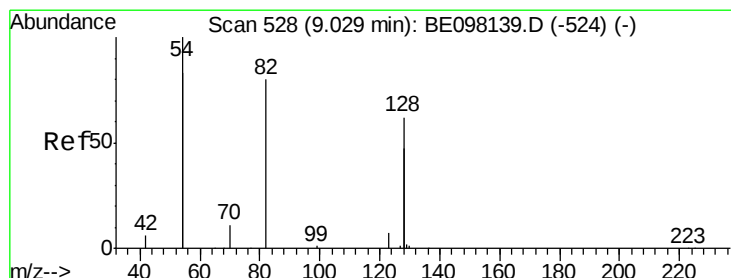
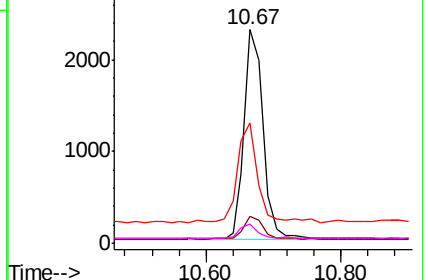
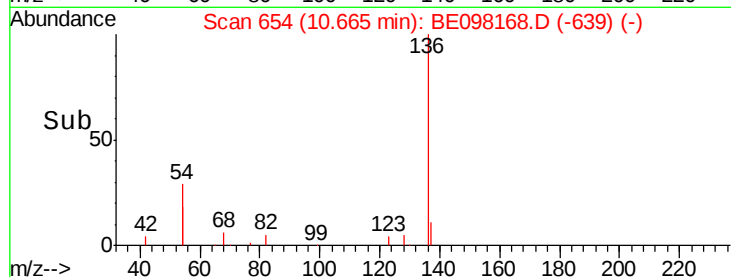


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.374 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

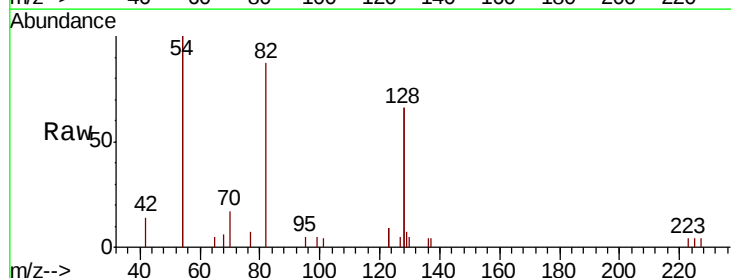
Tgt Ion: 82 Resp: 1789

Ion Ratio Lower Upper

82 100

128 151.7 129.9 194.9

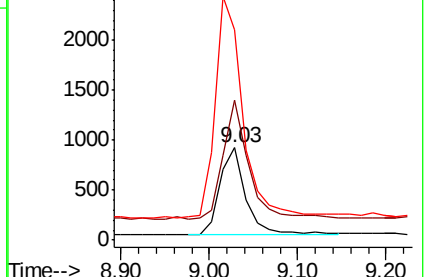
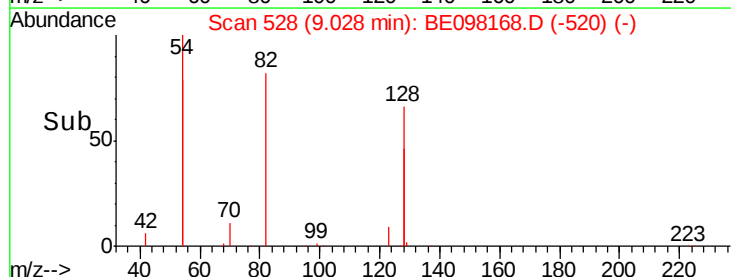
54 229.3 174.0 261.0

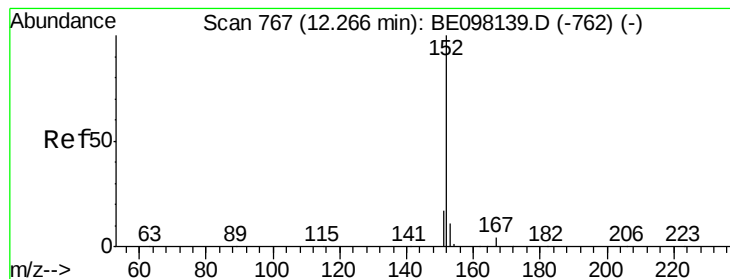


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

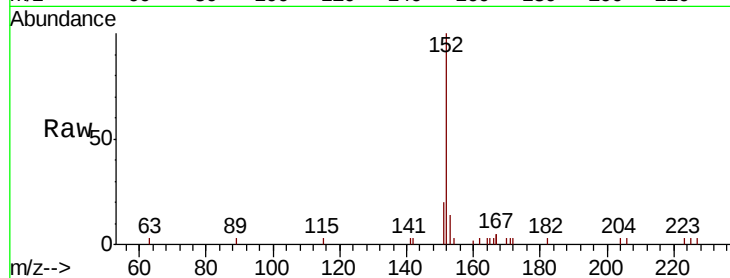
CPS043085

Tot Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

2000

1500

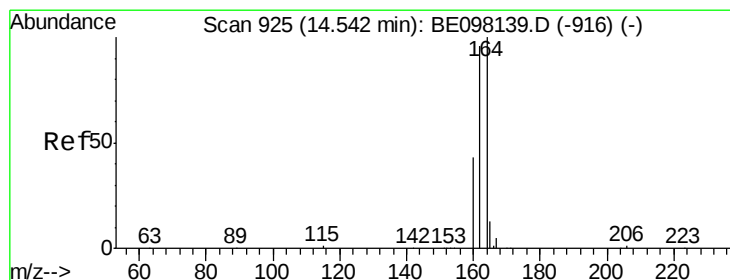
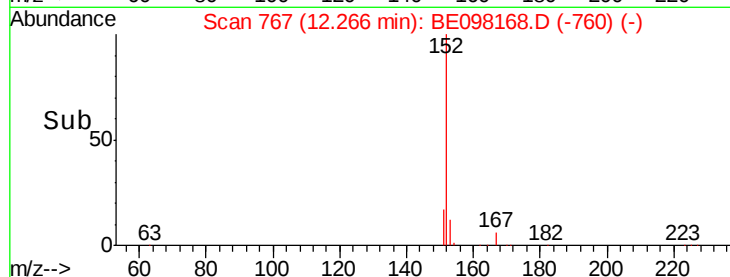
1000

500

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

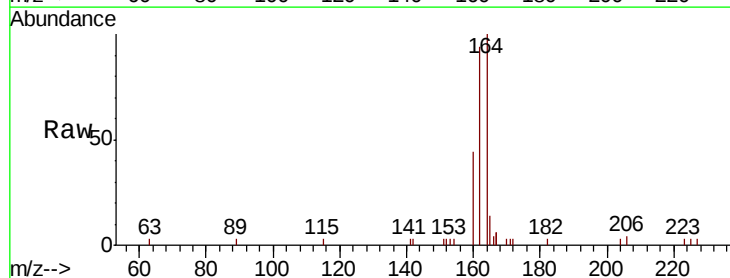
Tgt Ion:164 Resp: 3098

Ion Ratio Lower Upper

164 100

162 93.6 77.4 116.2

160 44.1 36.5 54.7



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

14.54

2000

1500

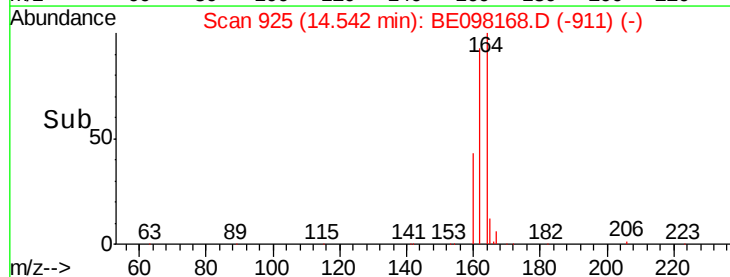
1000

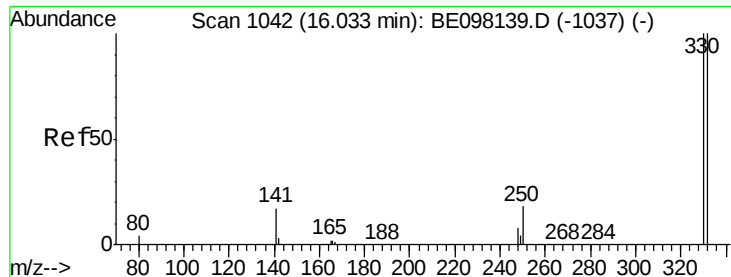
500

0

14.40 14.50 14.60 14.70

Time-->

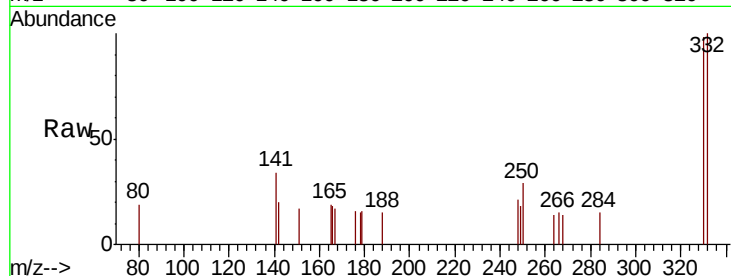




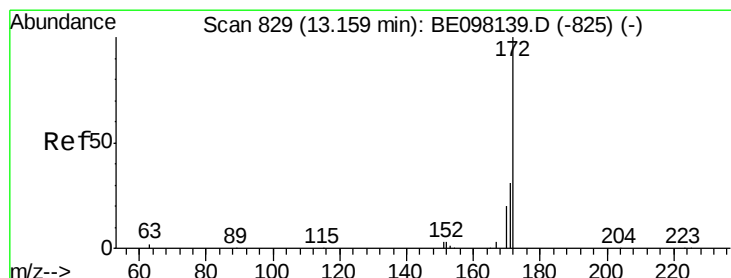
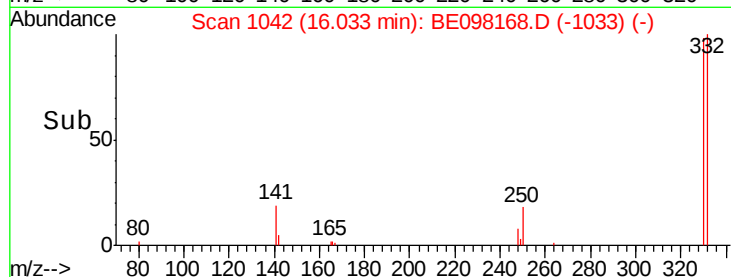
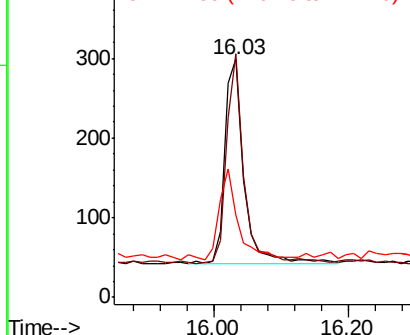
#14
 2,4,6-Tribromophenol
 Concen: 0.347 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BE098168.D
 Acq: 7 Nov 2018 11:33

Instrument :
 BNA_E
 ClientSampleId :
 CPS043085

Tot Ion:330 Resp: 509
 Ion Ratio Lower Upper
 330 100
 332 92.3 76.5 114.7
 141 44.6 31.8 47.6

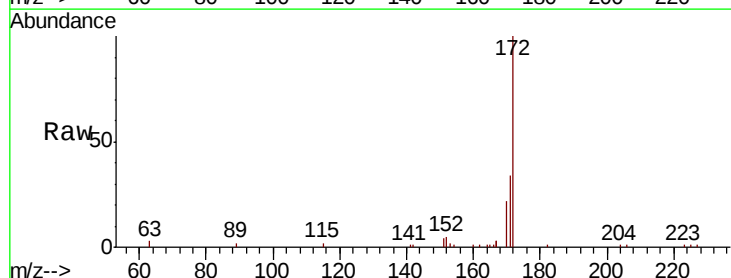


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

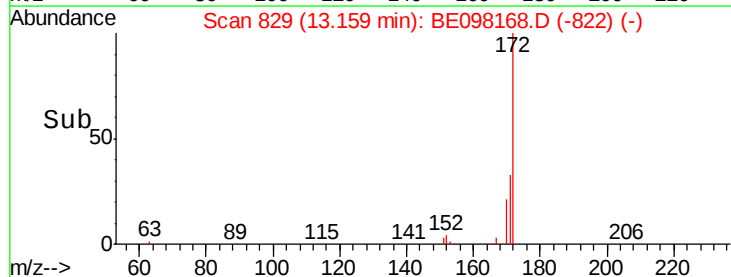
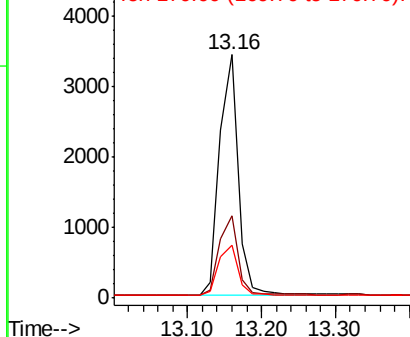


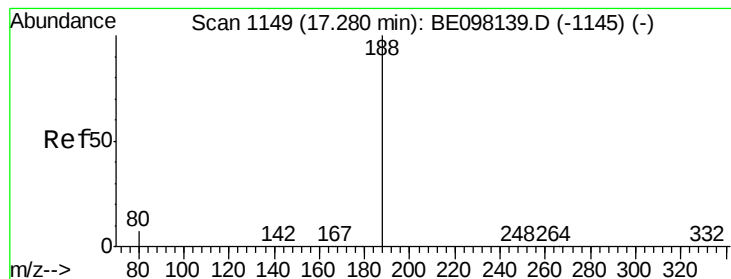
#15
 2-Fluorobiphenyl
 Concen: 0.470 ng
 RT: 13.16 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BE098168.D
 Acq: 7 Nov 2018 11:33

Tgt Ion:172 Resp: 5983
 Ion Ratio Lower Upper
 172 100
 171 33.8 26.0 39.0
 170 21.8 18.0 27.0



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: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

CPS043085

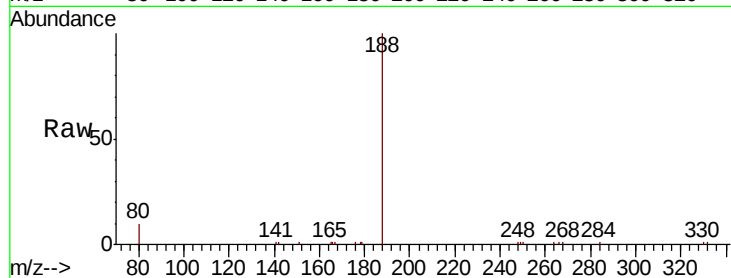
Tot Ion:188 Resp: 7208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

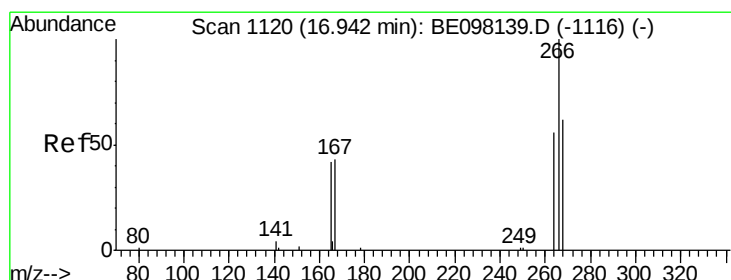
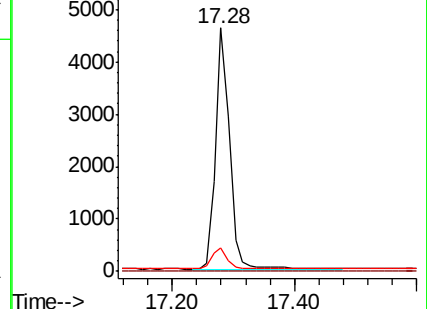
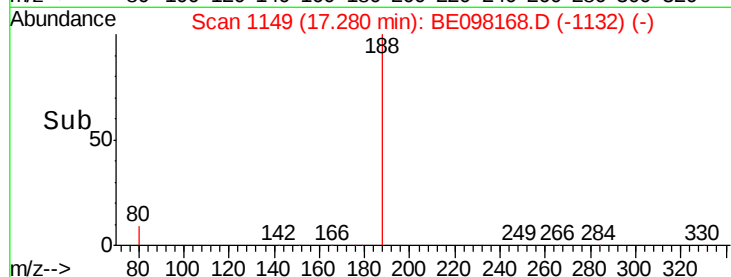
80 9.9 6.3 9.5#



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: 0.139 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

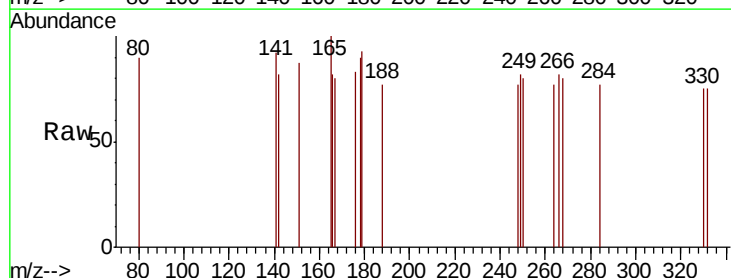
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 93.9 51.3 76.9#

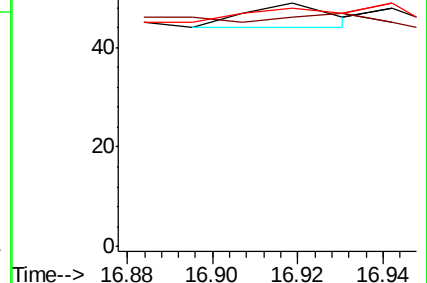
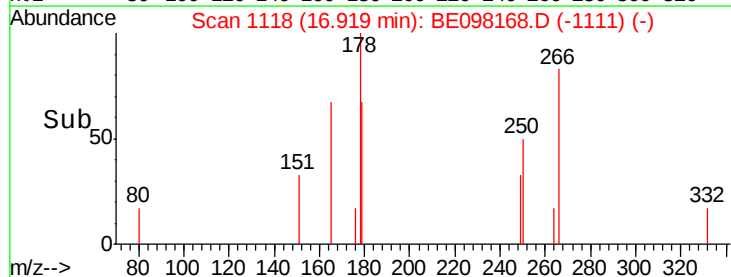
268 98.0 50.1 75.1#

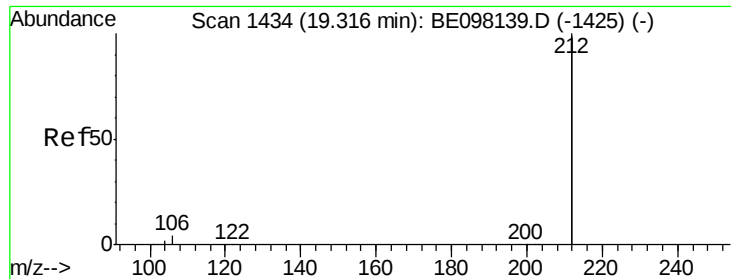


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

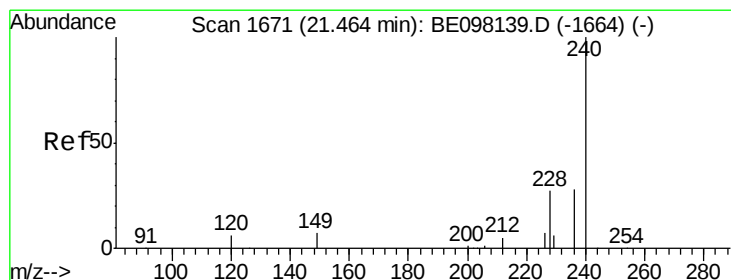
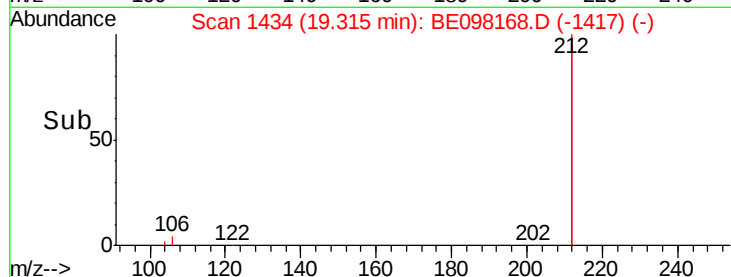
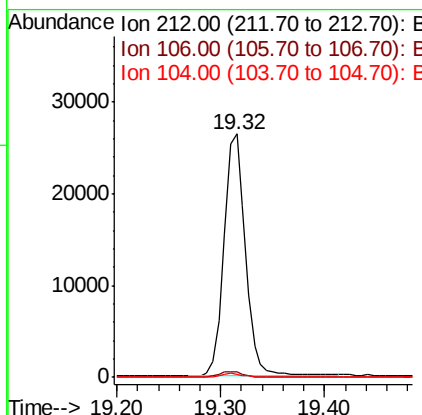
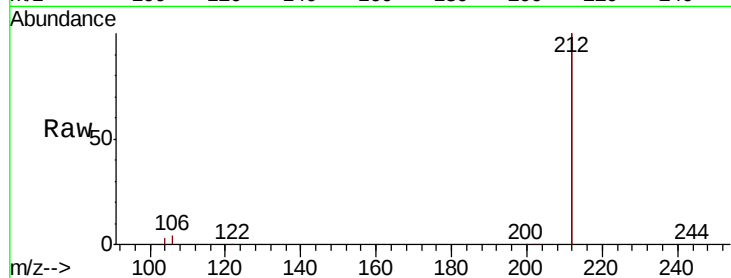




#25
 Fluoranthene-d10
 Concen: 0.404 ng
 RT: 19.32 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098168.D
 Acq: 7 Nov 2018 11:33

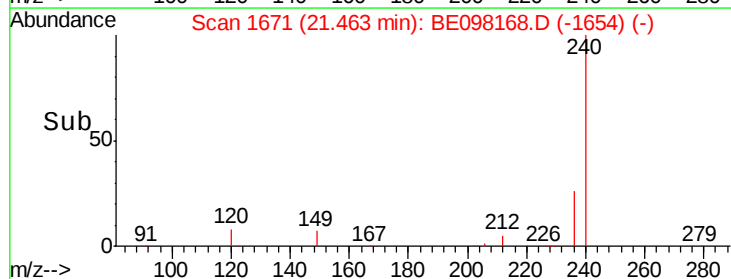
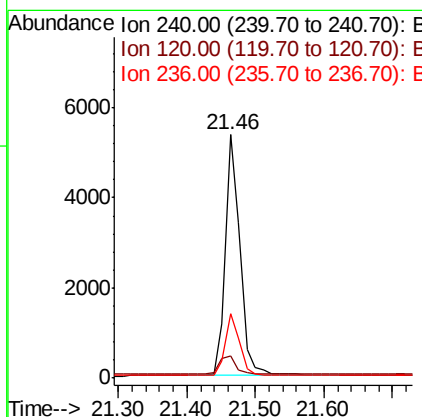
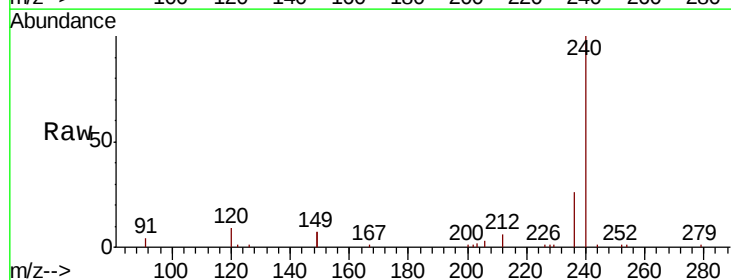
Instrument :
 BNA_E
 ClientSampleId :
 CPS043085

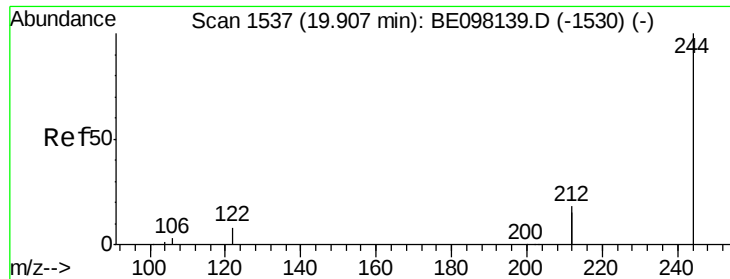
Tot Ion:212 Resp: 37563
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.3 3.5
 104 1.3 1.3 1.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098168.D
 Acq: 7 Nov 2018 11:33

Tgt Ion:240 Resp: 8066
 Ion Ratio Lower Upper
 240 100
 120 9.1 7.1 10.7
 236 26.5 21.3 31.9





#29

Terphenyl-d14

Concen: 0.519 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

CPS043085

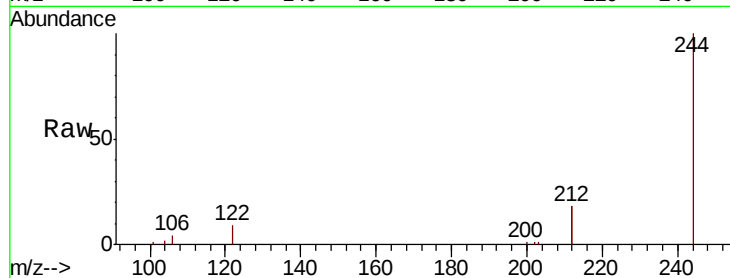
Tot Ion:244 Resp: 9732

Ion Ratio Lower Upper

244 100

212 35.5 26.2 39.2

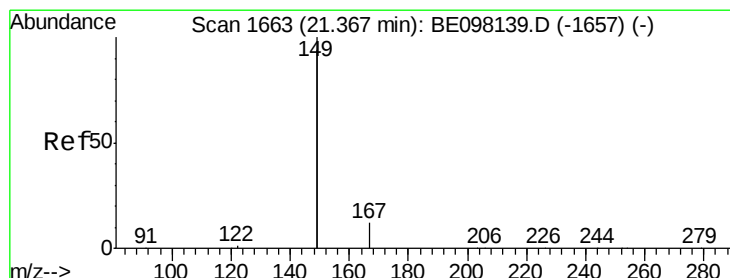
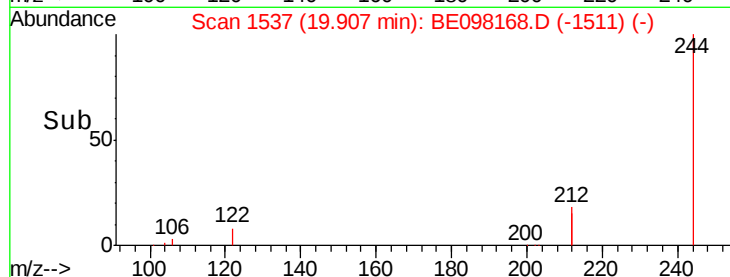
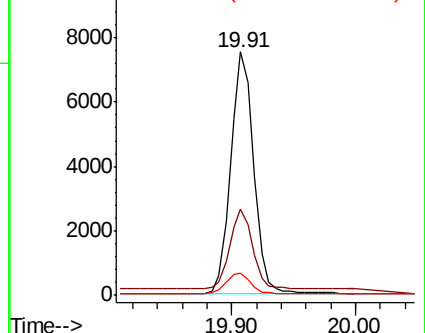
122 8.9 7.7 11.5



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: Below Cal

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

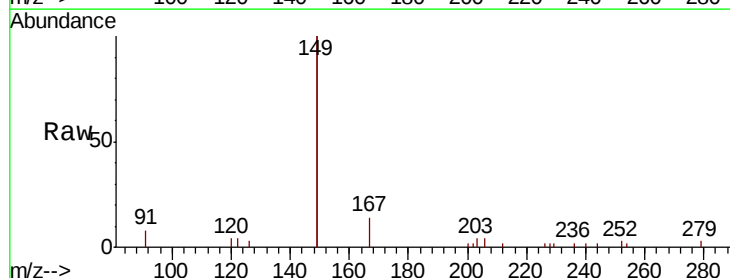
Tgt Ion:149 Resp: 5755

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

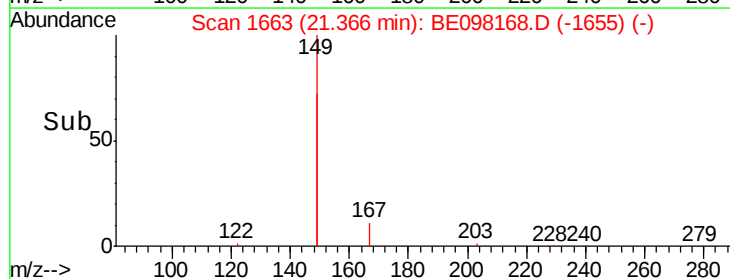
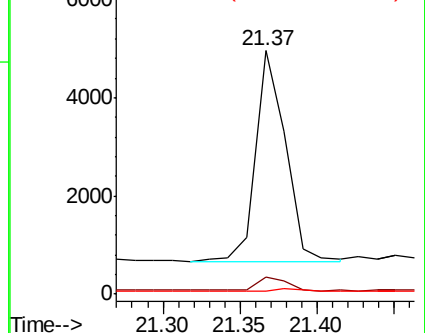
279 1.7 0.9 1.3#

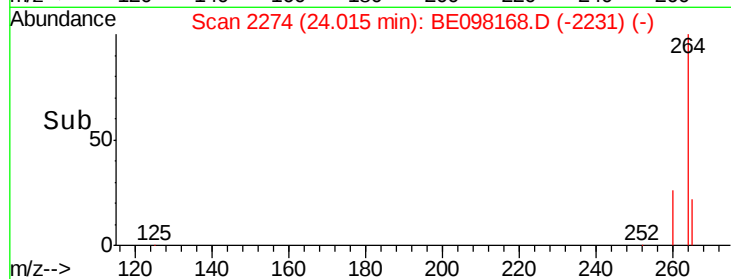
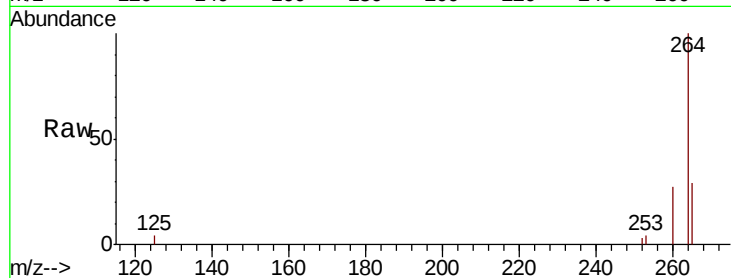
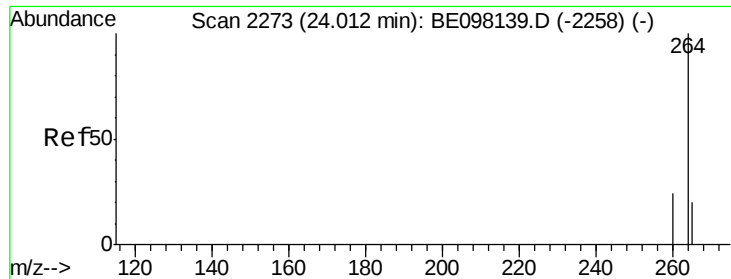


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.02 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE098168.D

Acq: 7 Nov 2018 11:33

Instrument :

BNA_E

ClientSampleId :

CPS043085

Tot Ion:264 Resp: 7705

Ion Ratio Lower Upper

264 100

260 26.7 21.1 31.7

265 29.3 29.2 43.8

