

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098497.D
 Acq On : 16 Dec 2018 8:00
 Operator : SJ/JU
 Sample : J6398-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

Quant Time: Dec 17 02:56:42 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

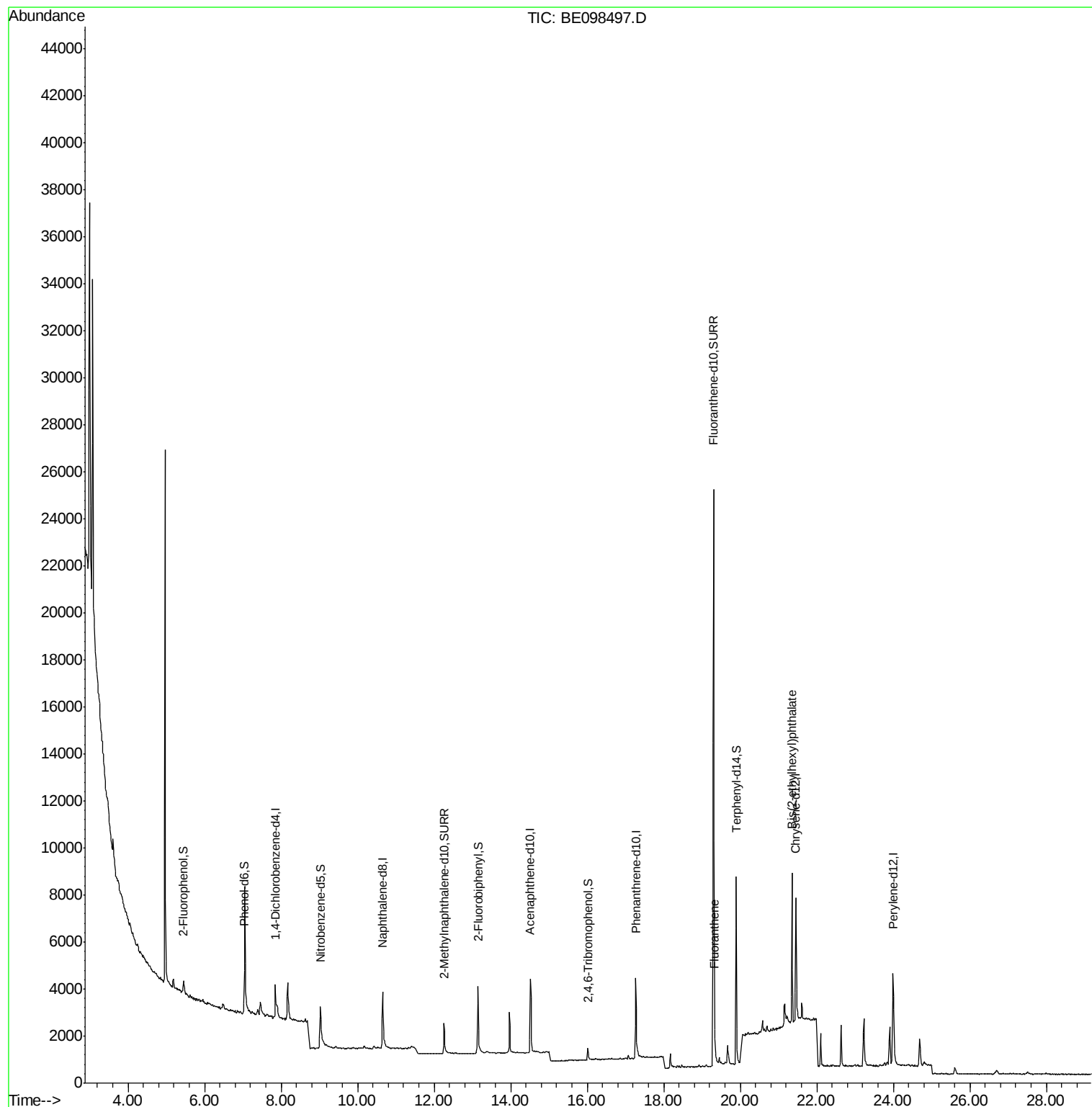
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	807	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3311	0.40	ng	-0.01
13) Acenaphthene-d10	14.52	164	2069	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5400	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	6960	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6915	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	357	0.19	ng	0.00
5) Phenol-d6	7.03	99	350	0.13	ng	-0.01
8) Nitrobenzene-d5	9.03	82	1226	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2308	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	389	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3738	0.43	ng	0.00
25) Fluoranthene-d10	19.30	212	35827	0.52	ng	0.00
29) Terphenyl-d14	19.89	244	7113	0.42	ng	-0.01
Target Compounds						
26) Fluoranthene	19.33	202	448	0.026	ng	95
32) Bis(2-ethylhexyl)phthalate	21.35	149	6881	0.171	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.85 min Scan# 433

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

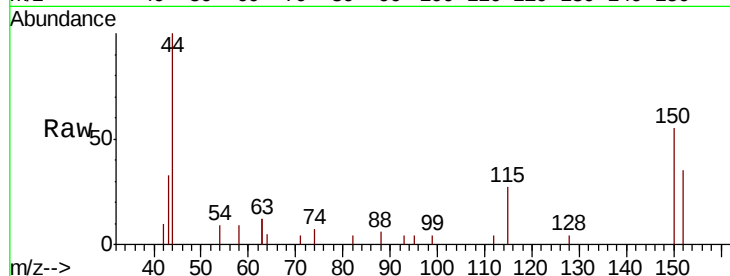
Tot Ion:152 Resp: 807

Ion Ratio Lower Upper

152 100

150 157.0 124.2 186.4

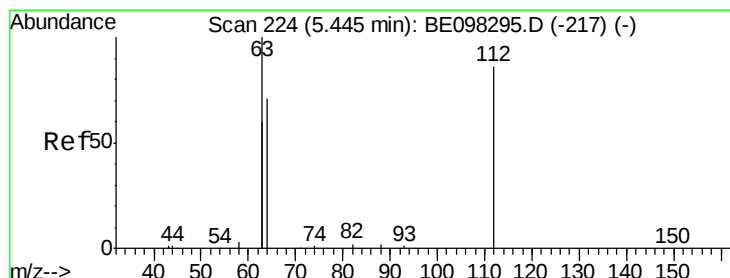
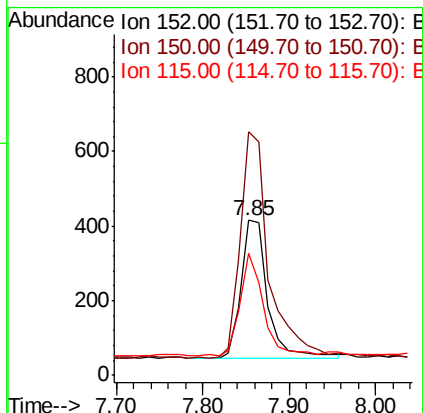
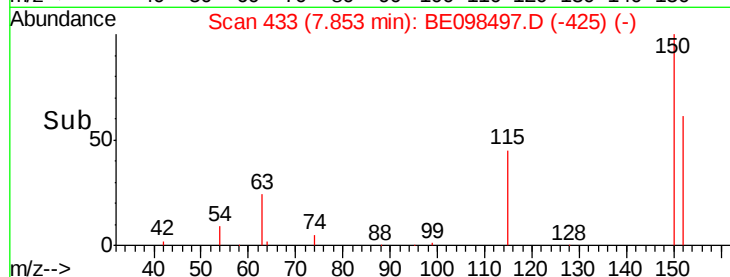
115 78.6 53.9 80.9



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



#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

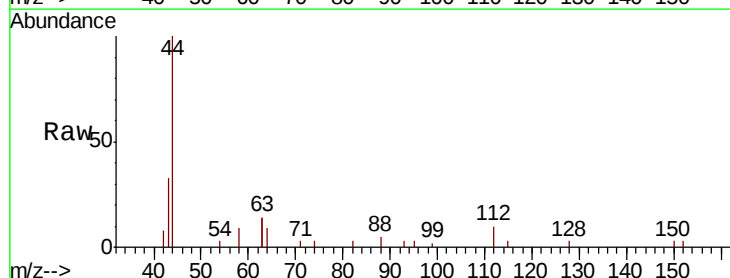
Tgt Ion:112 Resp: 357

Ion Ratio Lower Upper

112 100

64 73.7 59.8 89.8

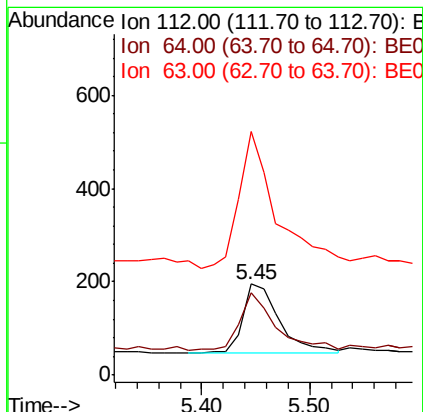
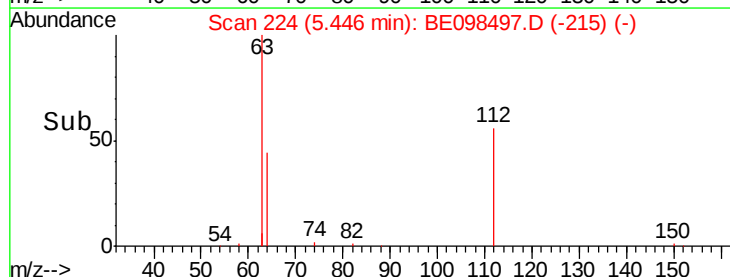
63 205.0 133.7 200.5#

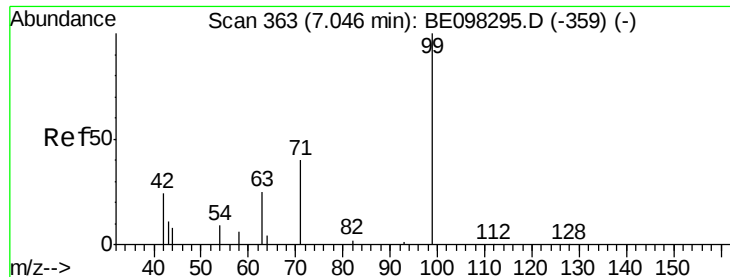


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.131 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

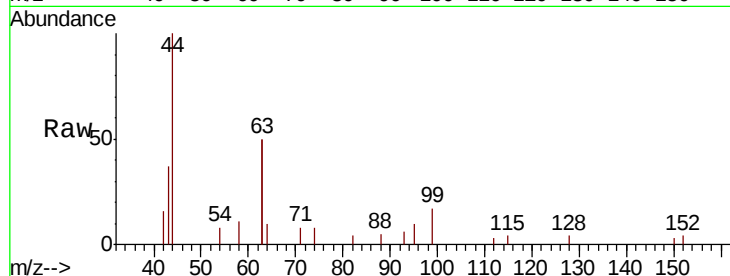
Tot Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

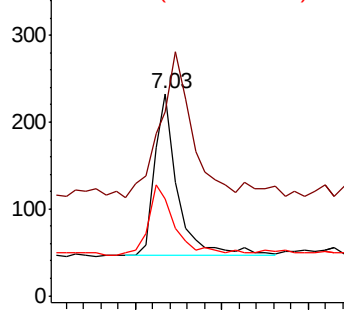
71 48.3 33.6 50.4



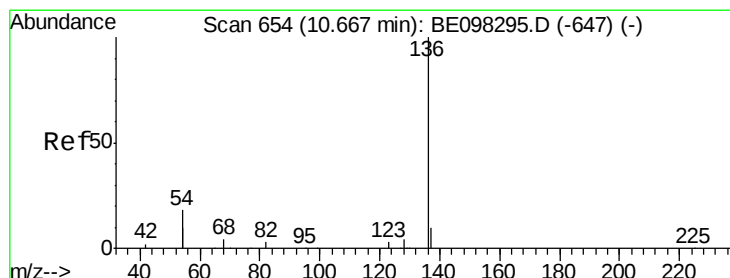
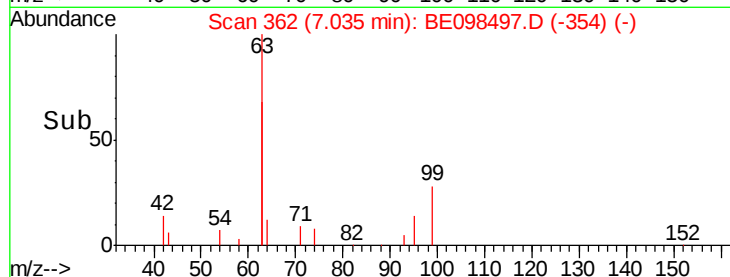
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Tgt Ion: 136 Resp: 3311

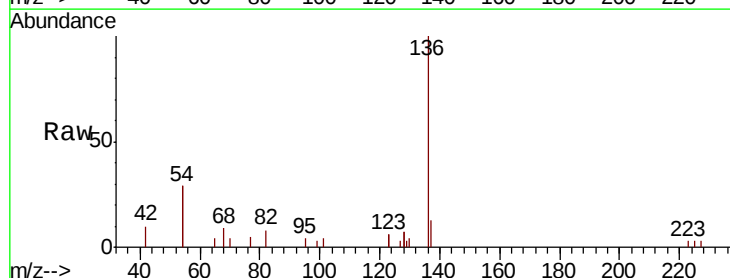
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 57.9 28.4 42.6#

68 9.3 5.4 8.0#

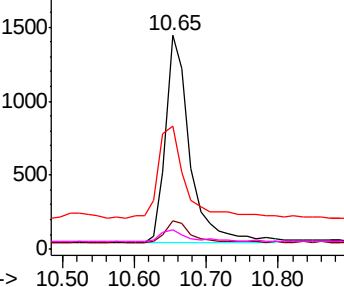


Abundance Ion 136.00 (135.70 to 136.70): E

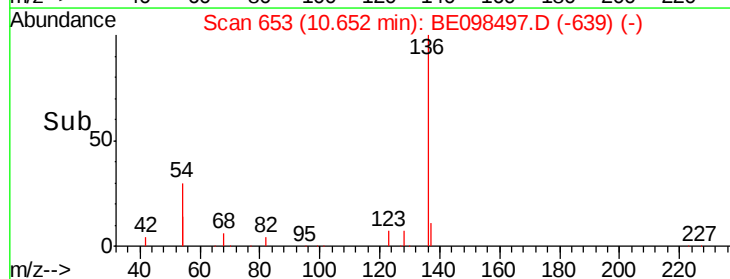
Ion 137.00 (136.70 to 137.70): E

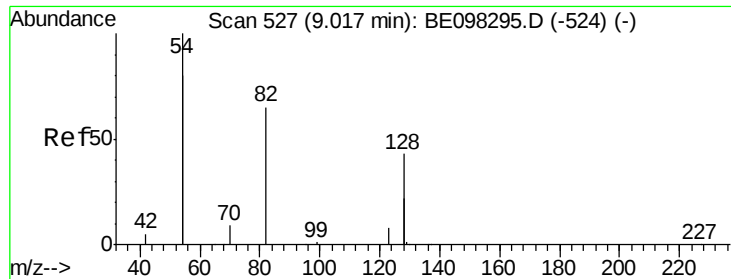
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

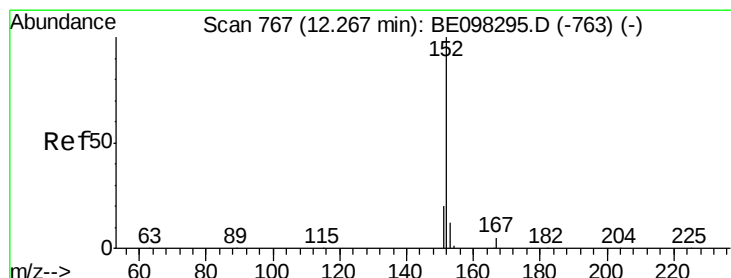
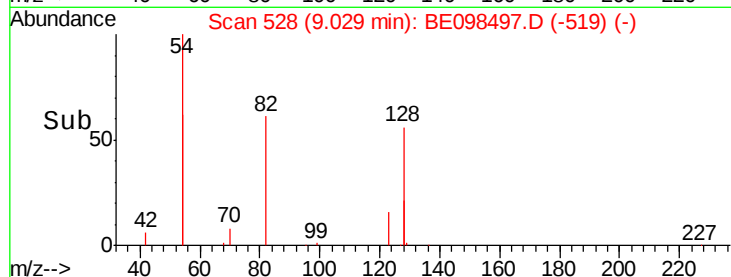
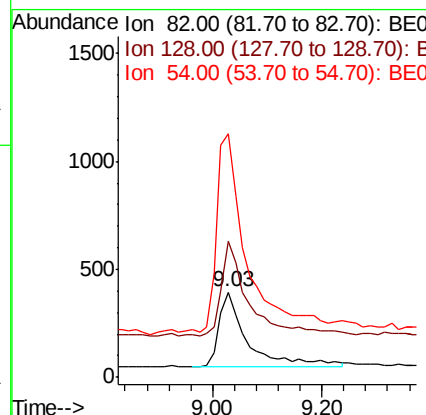
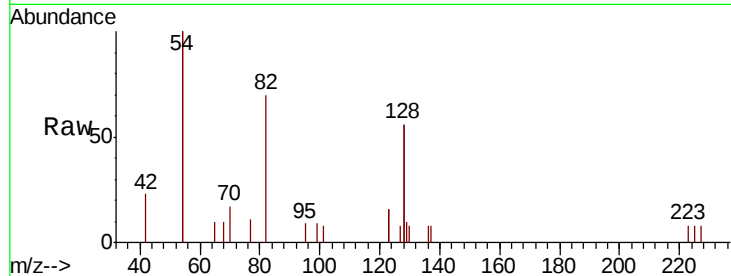




#8
 Nitrobenzene-d5
 Concen: 0.407 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

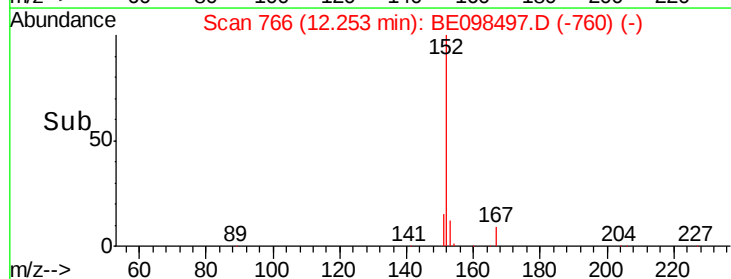
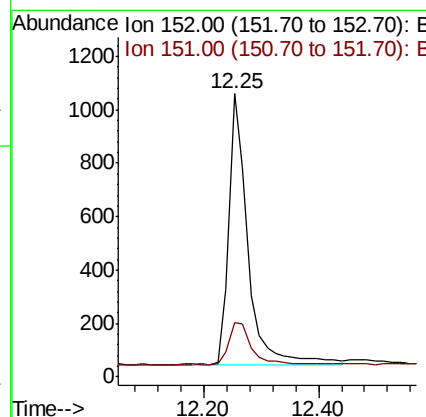
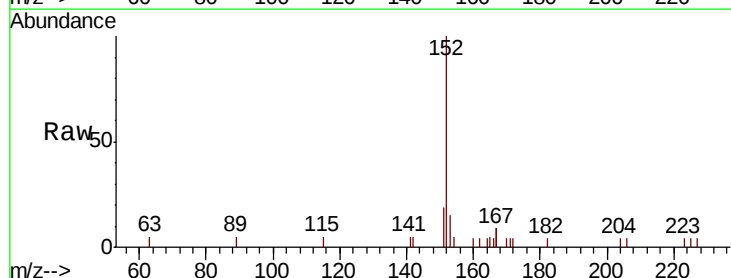
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

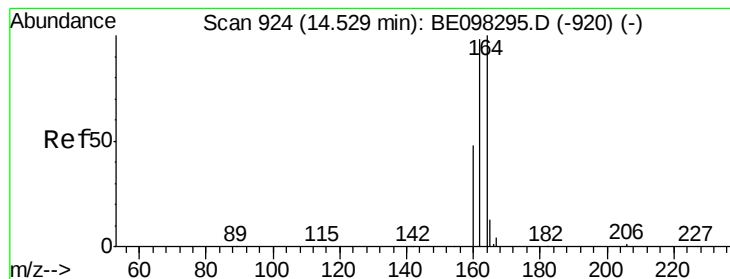
Tot Ion	82	Resp	1226
Ion Ratio	Lower	Upper	
82	100		
128	159.0	102.4	153.6#
54	285.6	221.8	332.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion	152	Resp	2308
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.2	24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

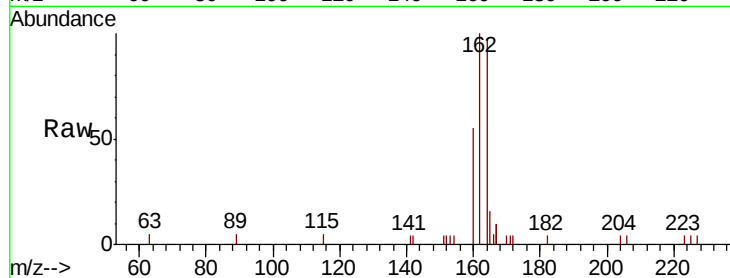
Tot Ion:164 Resp: 2069

Ion Ratio Lower Upper

164 100

162 103.4 77.6 116.4

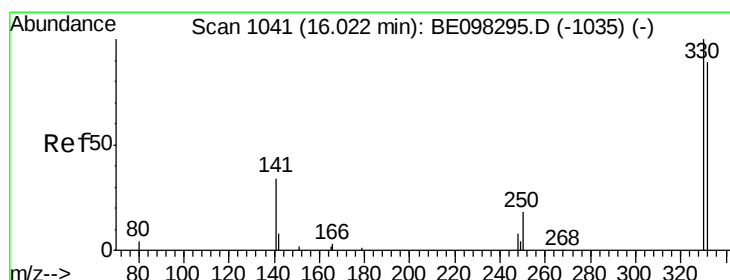
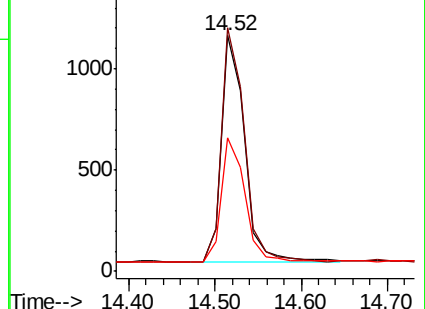
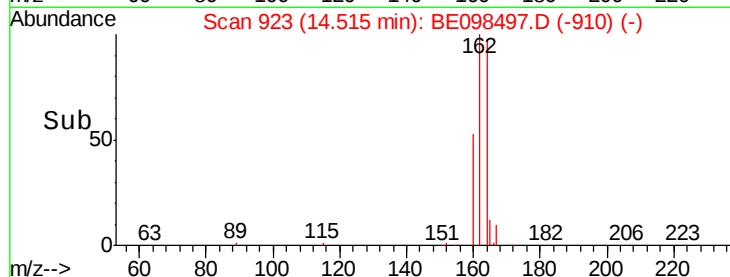
160 56.5 36.0 54.0#



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: 0.512 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

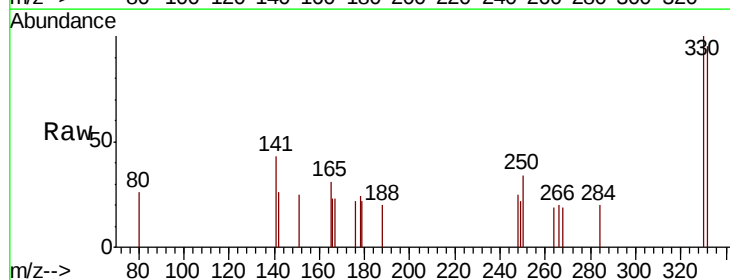
Tgt Ion:330 Resp: 389

Ion Ratio Lower Upper

330 100

332 99.5 76.2 114.4

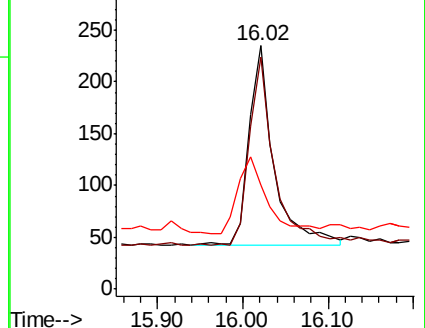
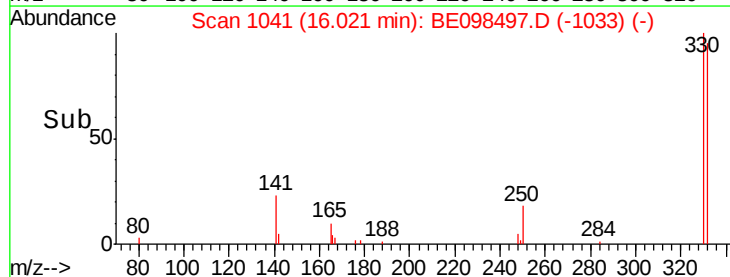
141 45.5 39.0 58.4

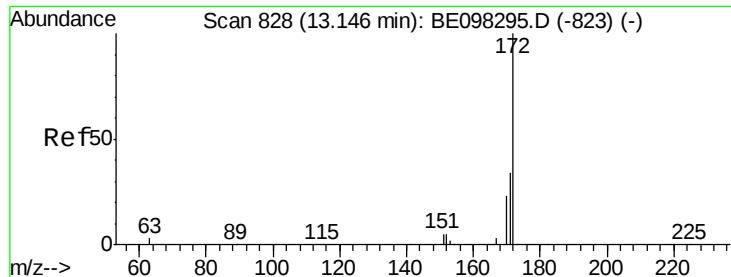


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

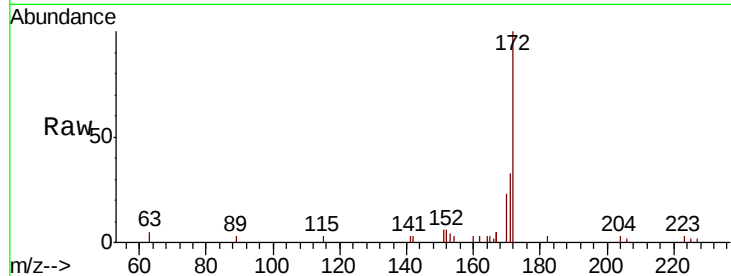




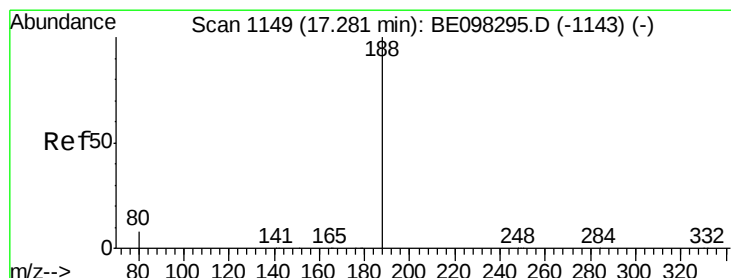
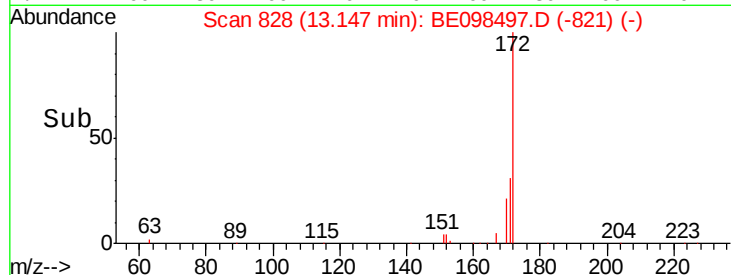
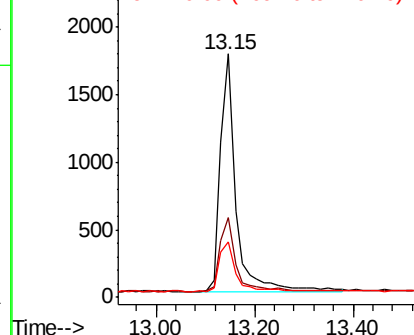
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098497.D
Acq: 16 Dec 2018 8:00

Instrument :
BNA_E
ClientSampleId :
C-MW-09-121118

Tot Ion:172 Resp: 3738
Ion Ratio Lower Upper
172 100
171 32.6 27.5 41.3
170 22.6 19.6 29.4

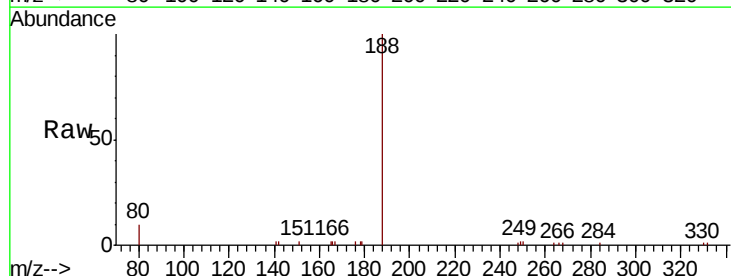


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

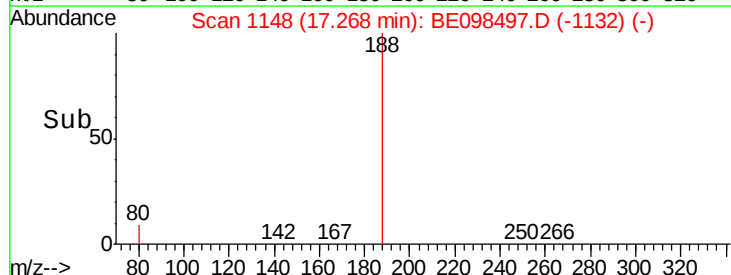
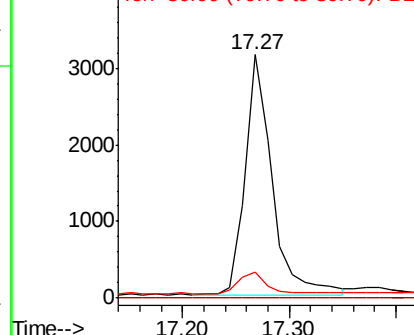


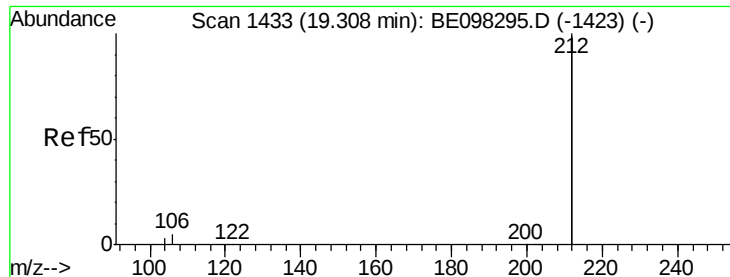
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098497.D
Acq: 16 Dec 2018 8:00

Tgt Ion:188 Resp: 5400
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.5 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: 0.517 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

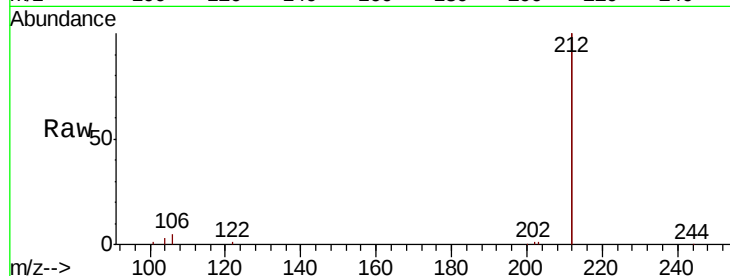
Tot Ion:212 Resp: 35827

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

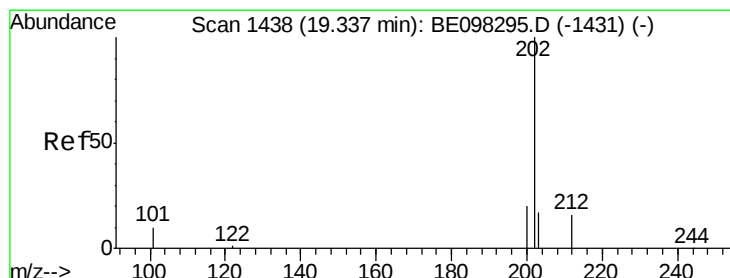
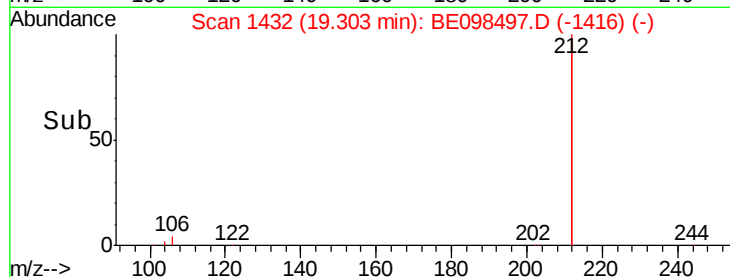
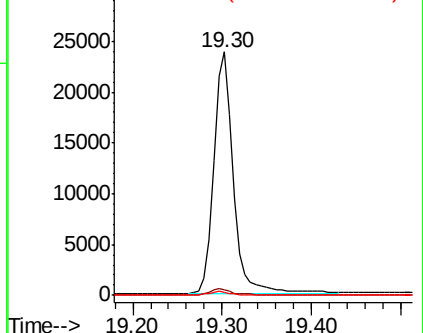
104 1.4 1.3 1.9



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



#26

Fluoranthene

Concen: 0.026 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

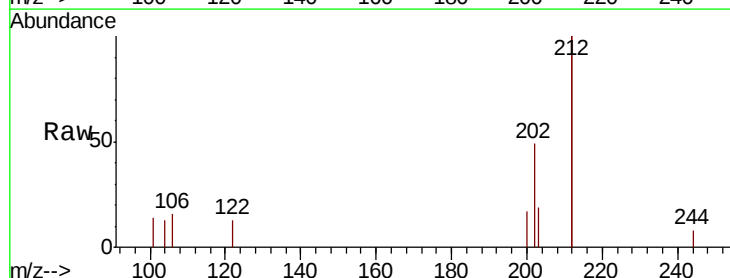
Tgt Ion:202 Resp: 448

Ion Ratio Lower Upper

202 100

101 11.8 8.0 12.0

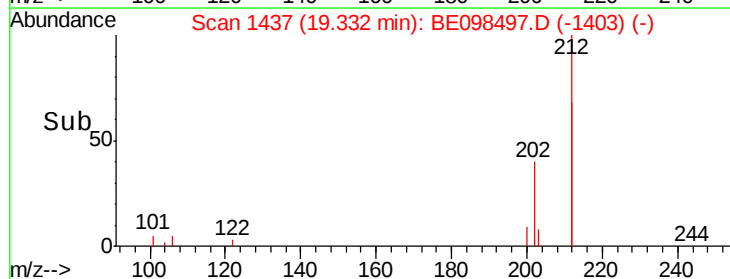
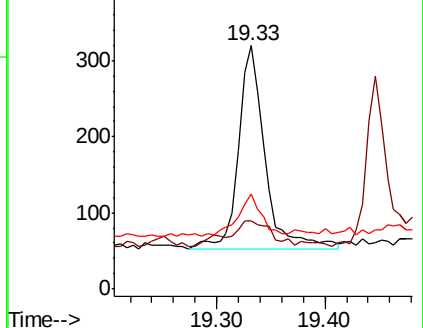
203 19.4 13.8 20.6

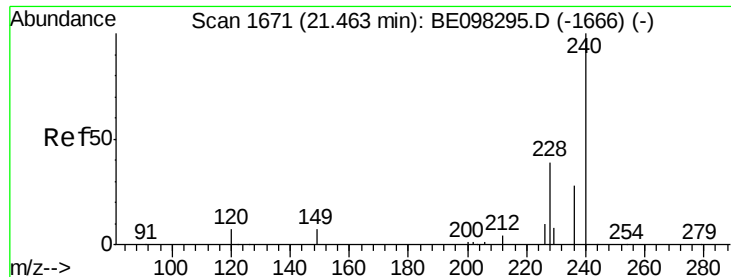


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

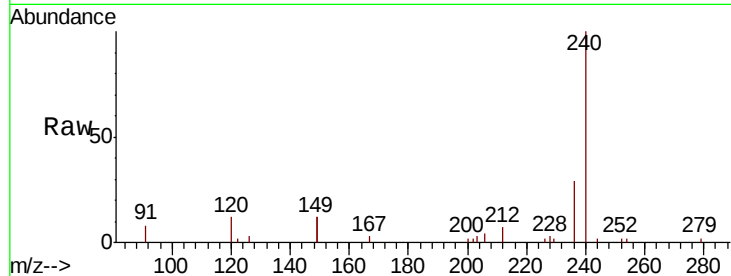




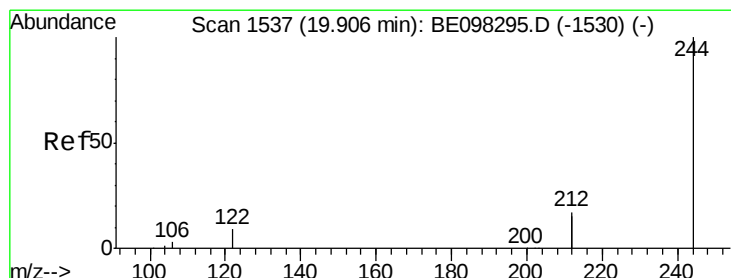
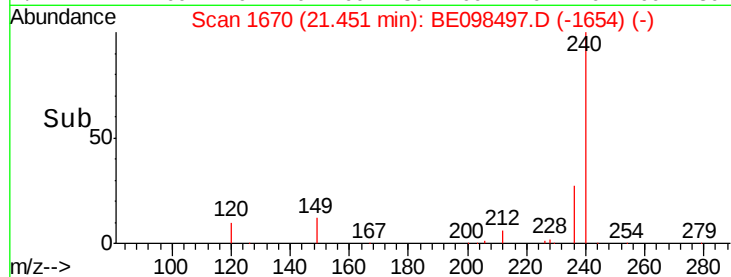
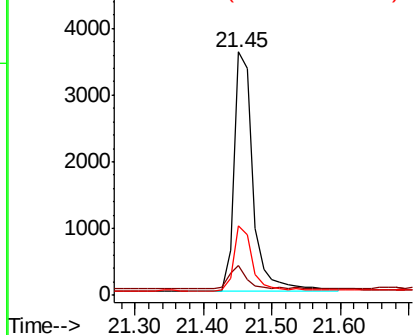
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.45 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-09-121118

Tot Ion:240 Resp: 6960
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 28.8 22.7 34.1

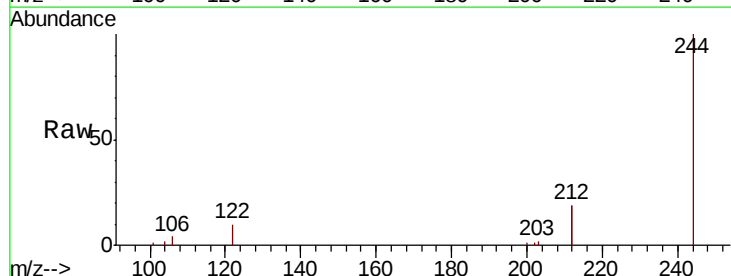


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

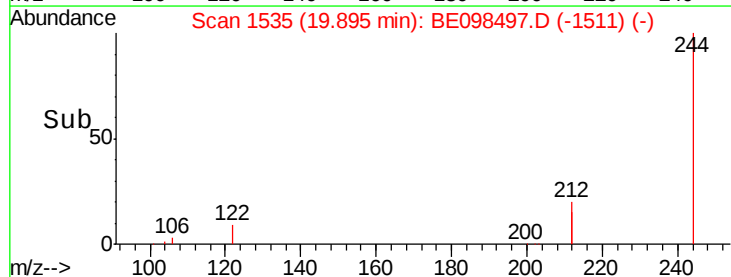
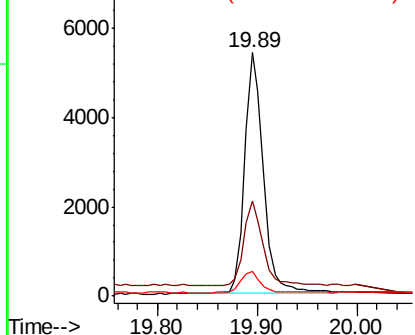


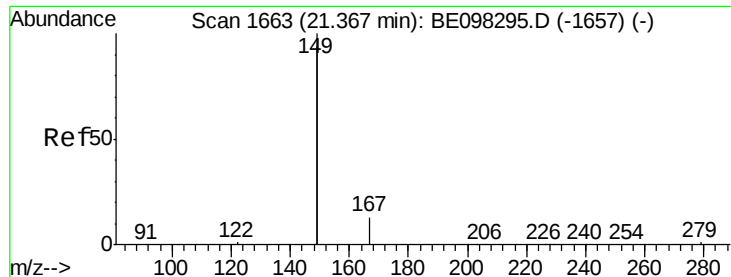
#29
 Terphenyl-d14
 Concen: 0.421 ng
 RT: 19.89 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098497.D
 Acq: 16 Dec 2018 8:00

Tgt Ion:244 Resp: 7113
 Ion Ratio Lower Upper
 244 100
 212 38.9 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: 0.171 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

Instrument :

BNA_E

ClientSampleId :

C-MW-09-121118

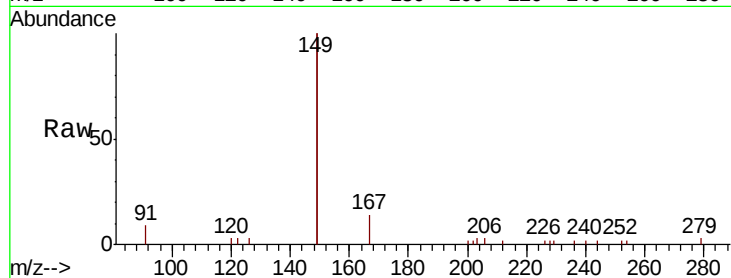
Tot Ion:149 Resp: 6881

Ion Ratio Lower Upper

149 100

167 6.6 5.7 8.5

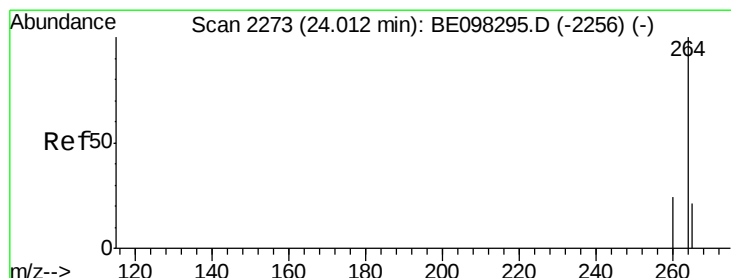
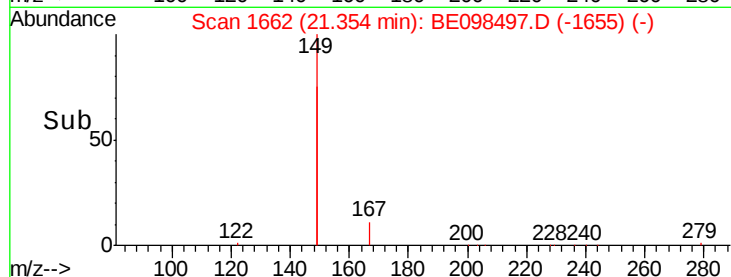
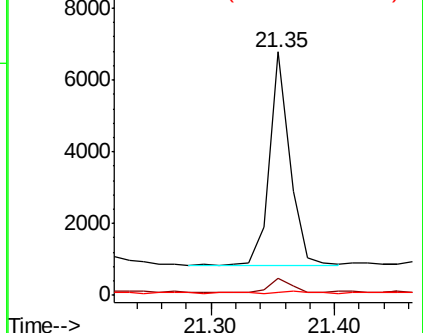
279 1.2 1.0 1.4



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: 23.99 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BE098497.D

Acq: 16 Dec 2018 8:00

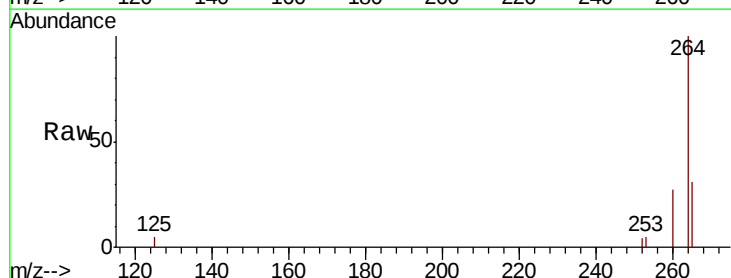
Tgt Ion:264 Resp: 6915

Ion Ratio Lower Upper

264 100

260 26.8 20.2 30.2

265 31.4 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

