

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030619\
 Data File : BE098806.D
 Acq On : 6 Mar 2019 20:02
 Operator : JU/SJ
 Sample : K1659-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T4B-UV(POST)

Quant Time: Mar 07 01:46:50 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

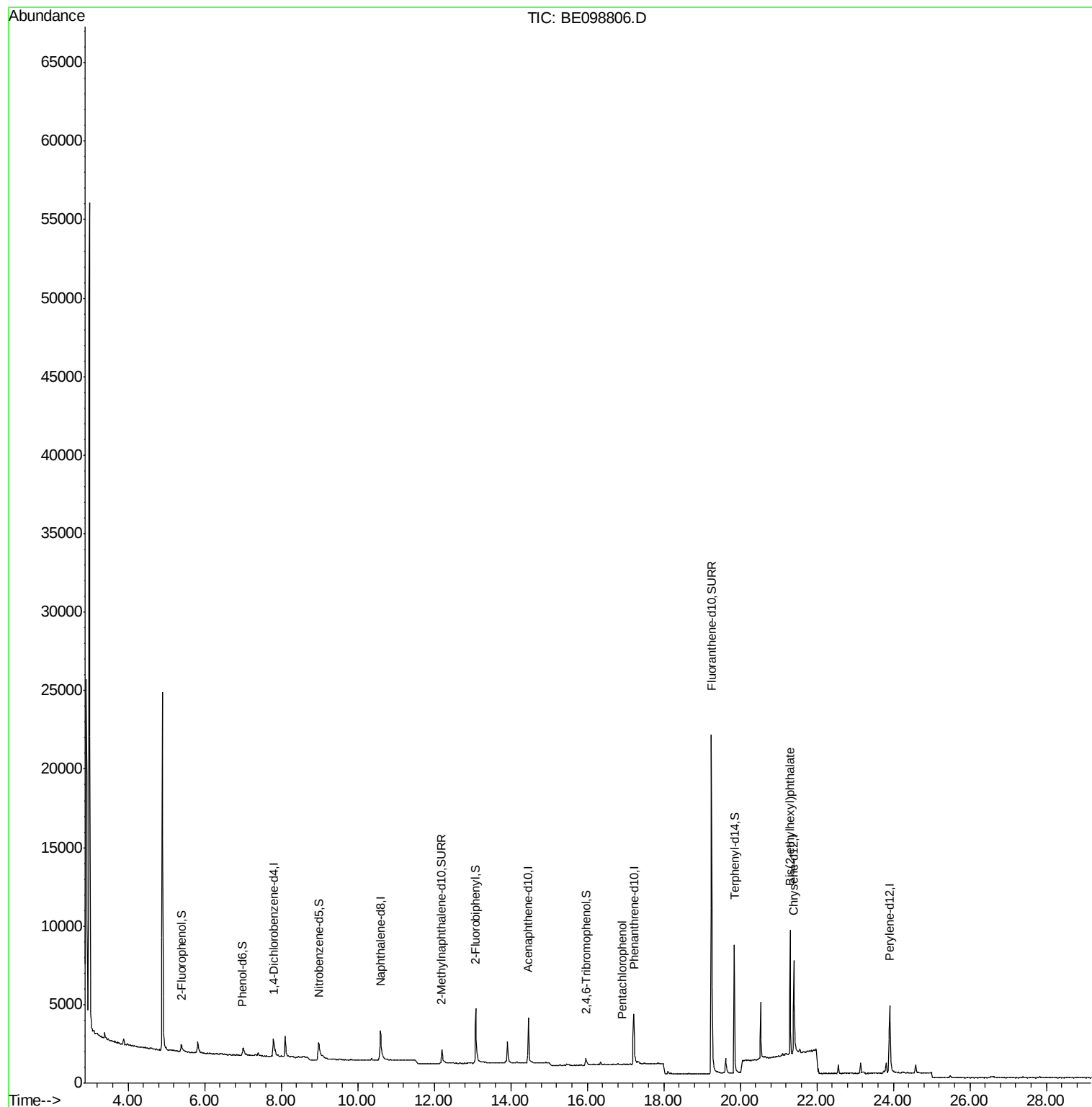
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	782	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3130	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2202	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5552	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7410	0.40	ng	0.00
34) Perylene-d12	23.91	264	7404	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	414	0.18	ng	0.00
5) Phenol-d6	6.99	99	305	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1062	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2123	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	407	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4867	0.53	ng	0.00
25) Fluoranthene-d10	19.25	212	33273	0.38	ng	0.00
29) Terphenyl-d14	19.85	244	8188	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	21	Below Cal		Qvalue # 1
22) Pentachlorophenol	16.91	266	22	0.283	ng	87
32) Bis(2-ethylhexyl)phthalate	21.31	149	8597	0.175	ng	100

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

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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: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

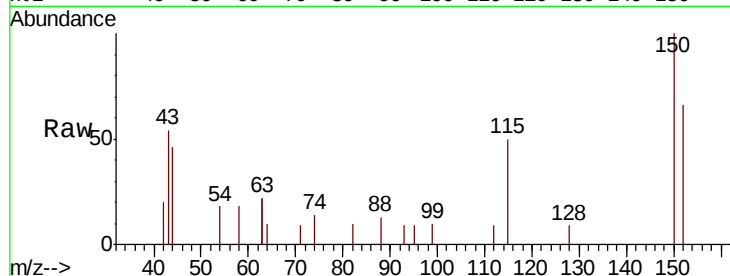
Tgt Ion:152 Resp: 782

Ion Ratio Lower Upper

152 100

150 151.9 122.5 183.7

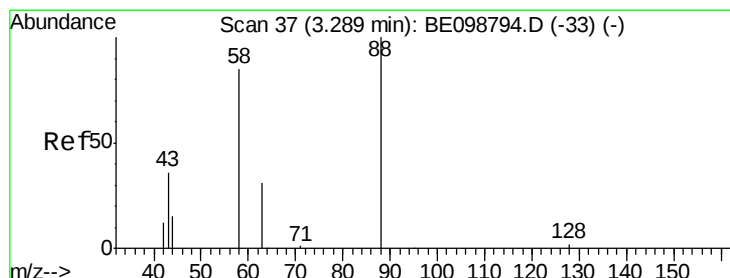
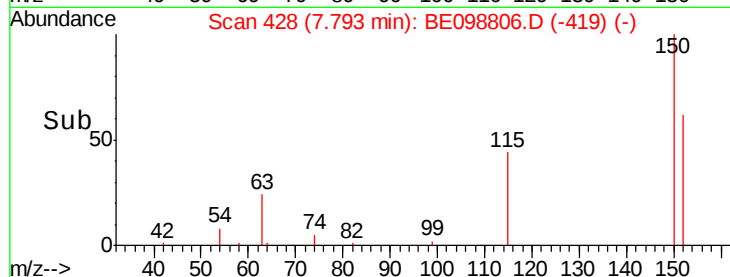
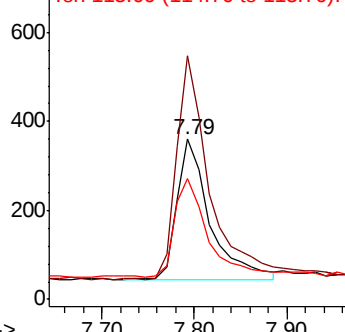
115 75.3 57.4 86.2



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: Below Cal

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

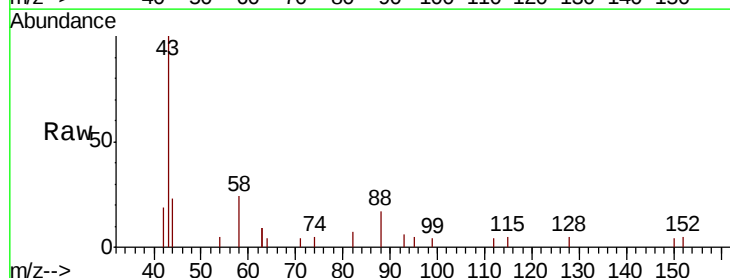
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

58 228.6 75.8 113.6#

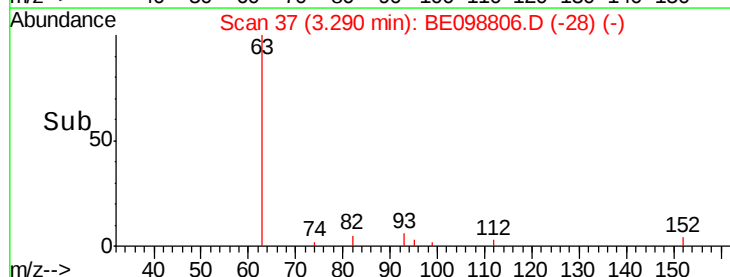
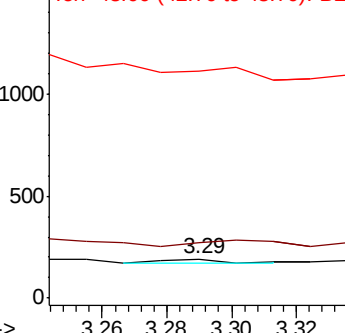
43 0.0 41.8 62.8#



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





#4

2-Fluorophenol

Concen: 0.177 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

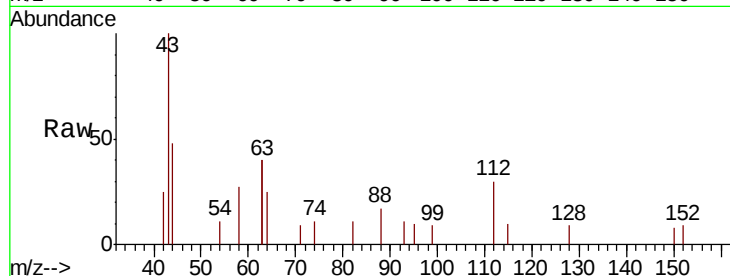
Tgt Ion: 112 Resp: 414

Ion Ratio Lower Upper

112 100

64 68.4 57.9 86.9

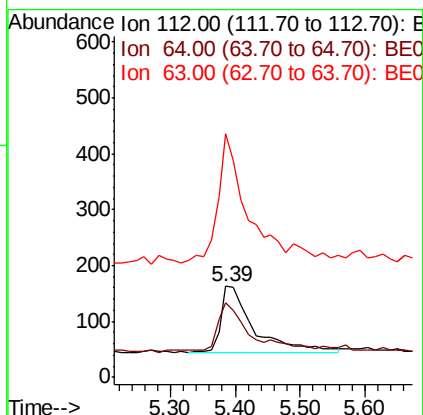
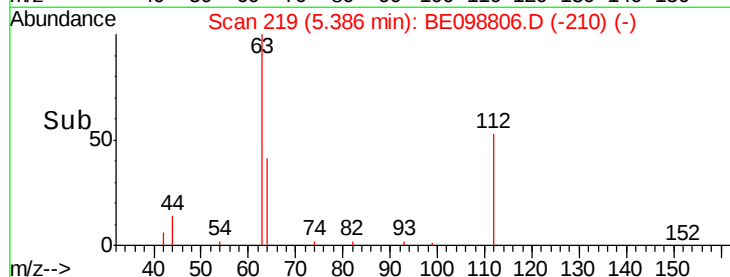
63 171.3 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE098806.D (-210) (-)

Ion 64.00 (63.70 to 64.70): BE098806.D (-210) (-)

Ion 63.00 (62.70 to 63.70): BE098806.D (-210) (-)



#5

Phenol-d6

Concen: 0.092 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

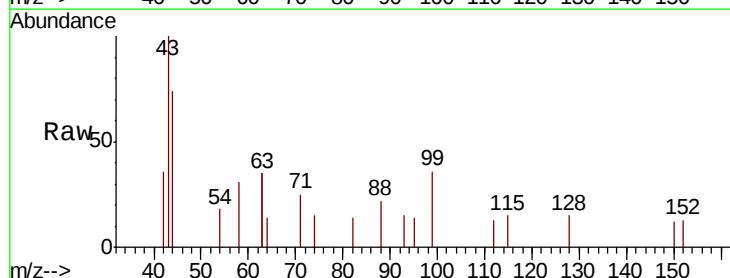
Tgt Ion: 99 Resp: 305

Ion Ratio Lower Upper

99 100

42 40.0 24.2 36.2#

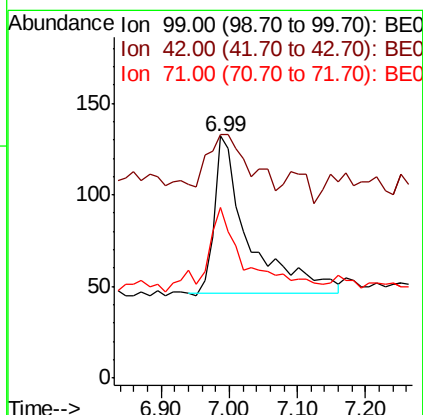
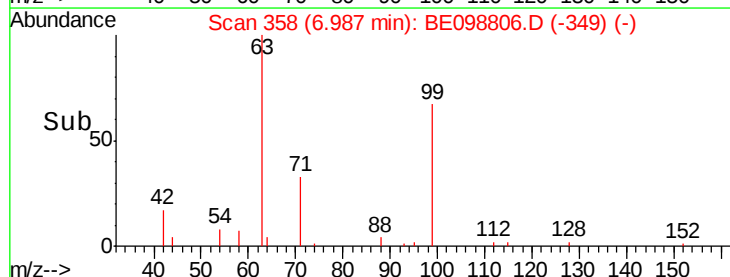
71 61.3 35.7 53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE098806.D (-349) (-)

Ion 42.00 (41.70 to 42.70): BE098806.D (-349) (-)

Ion 71.00 (70.70 to 71.70): BE098806.D (-349) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

Tgt Ion: 136 Resp: 3130

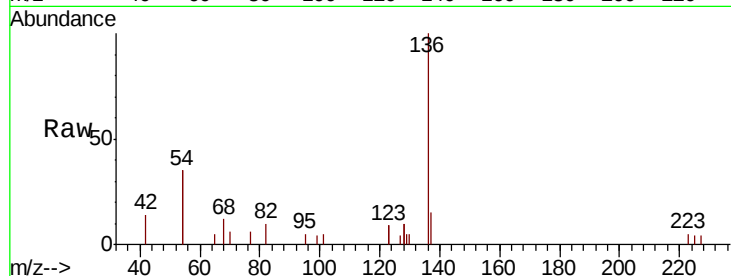
Ion Ratio Lower Upper

136 100

137 15.4 11.4 17.0

54 70.6 39.3 58.9#

68 11.6 6.7 10.1#

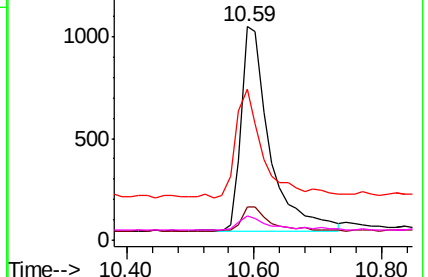
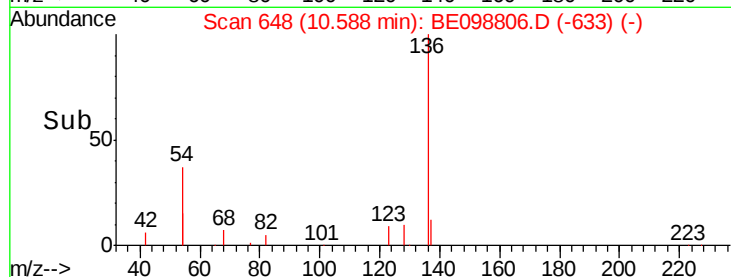


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.324 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

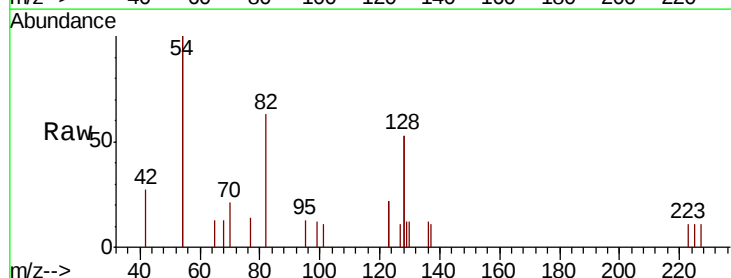
Tgt Ion: 82 Resp: 1062

Ion Ratio Lower Upper

82 100

128 169.5 123.8 185.8

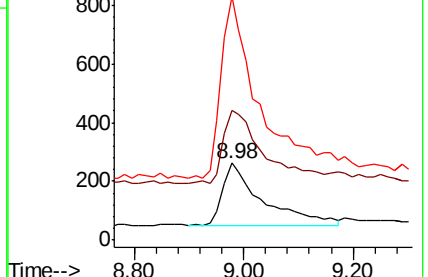
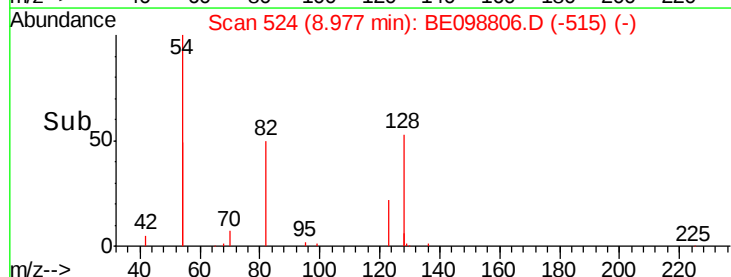
54 316.8 203.4 305.2#



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

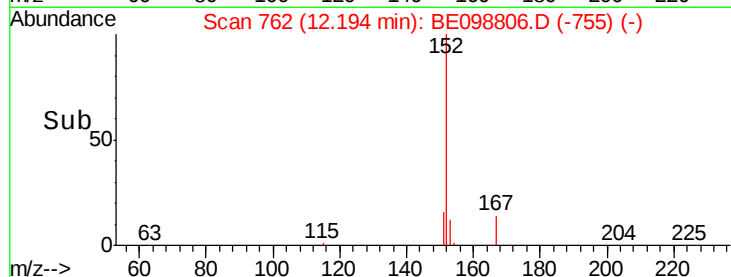
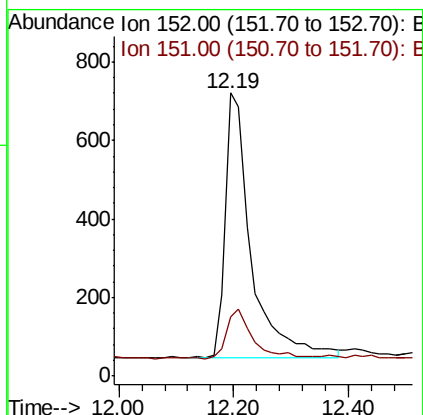
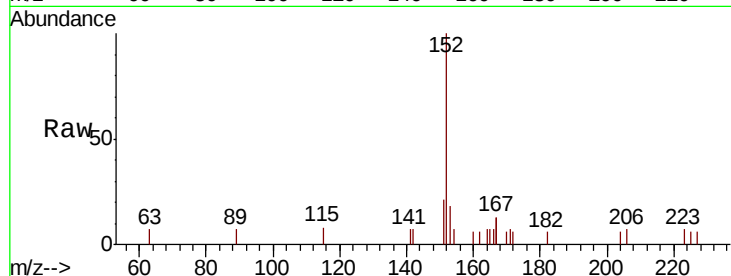




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

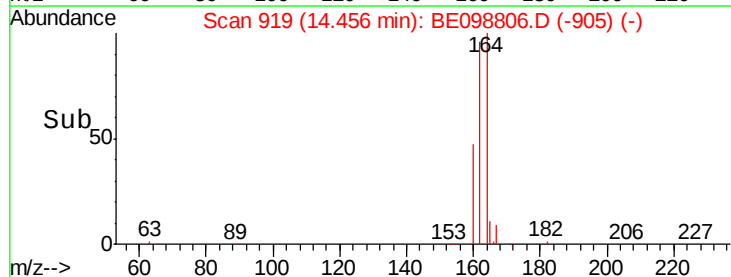
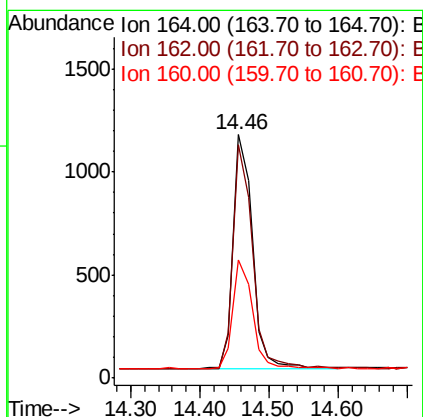
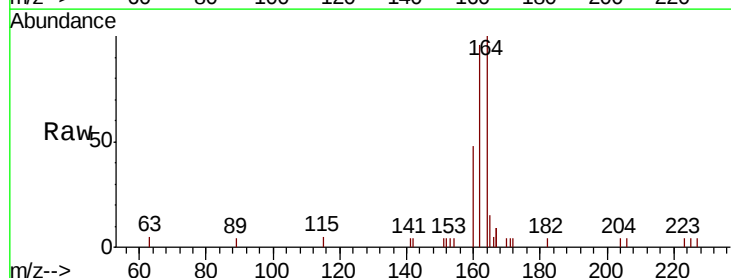
Instrument :
BNA_E
ClientSampleId :
M1-T4B-UV(POST)

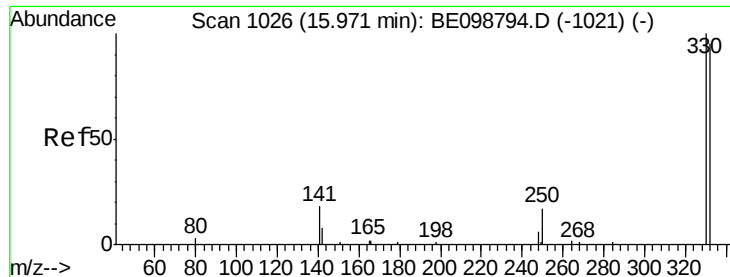
Tgt Ion:152 Resp: 2123
Ion Ratio Lower Upper
152 100
151 19.0 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

Tgt Ion:164 Resp: 2202
Ion Ratio Lower Upper
164 100
162 96.0 80.2 120.2
160 48.4 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.366 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

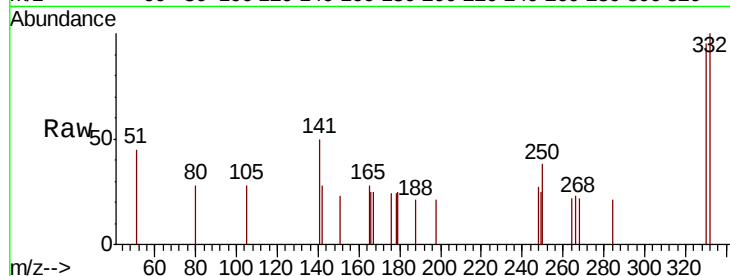
Tgt Ion:330 Resp: 407

Ion Ratio Lower Upper

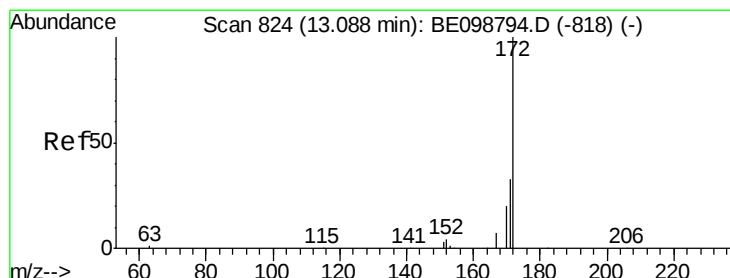
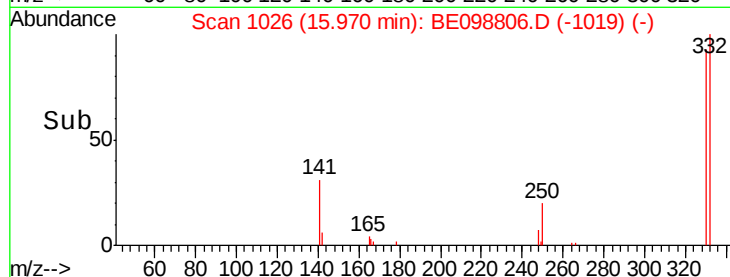
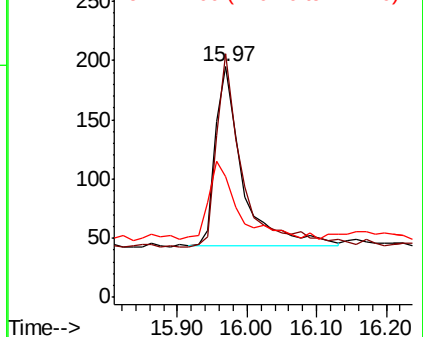
330 100

332 105.2 77.6 116.4

141 47.4 31.0 46.4#



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: 0.534 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

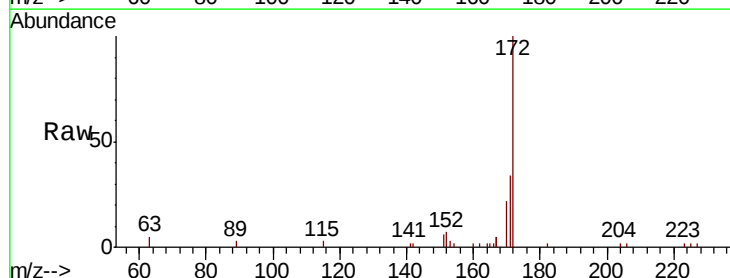
Tgt Ion:172 Resp: 4867

Ion Ratio Lower Upper

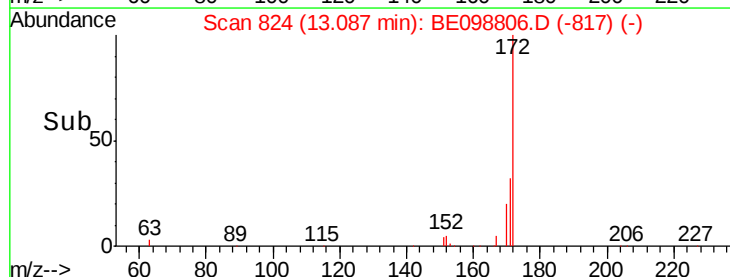
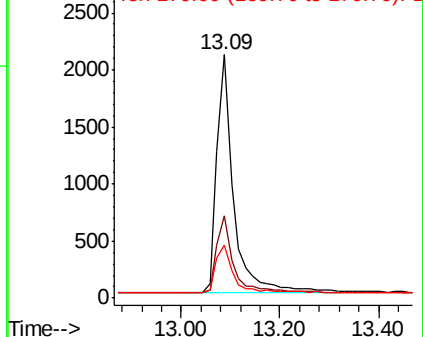
172 100

171 33.9 28.0 42.0

170 21.6 17.7 26.5



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

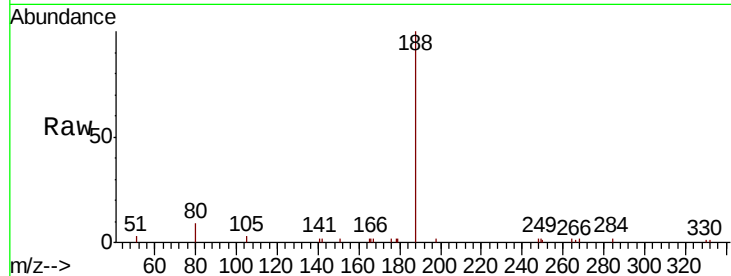
Tgt Ion:188 Resp: 5552

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

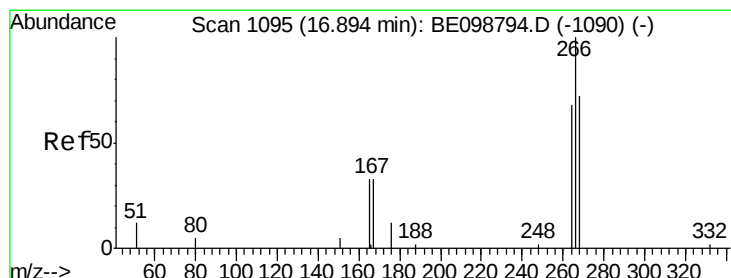
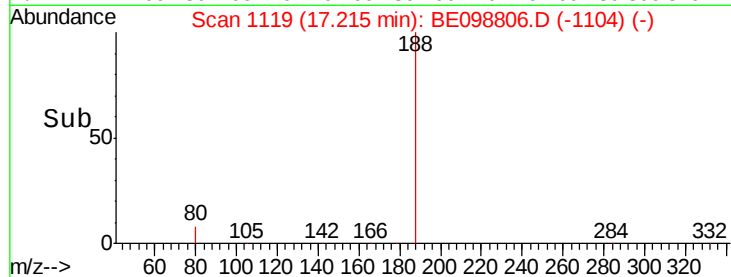
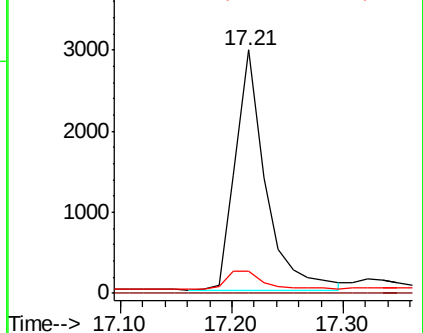
80 9.3 6.3 9.5



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: 0.283 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

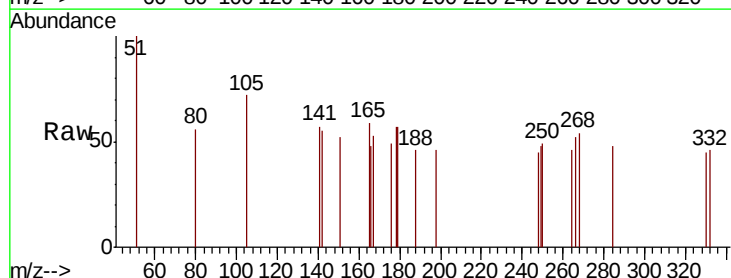
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

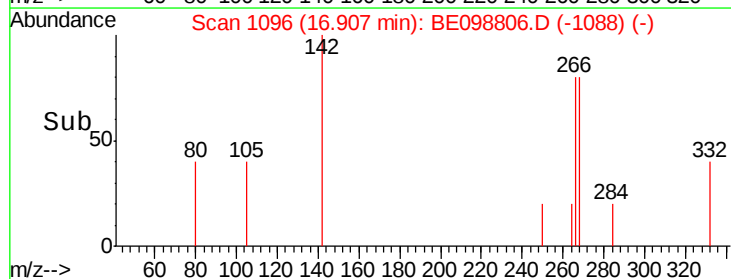
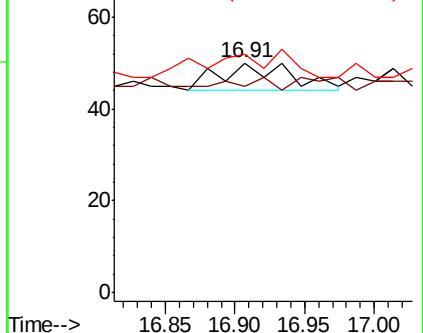
268 104.0 69.8 104.8



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

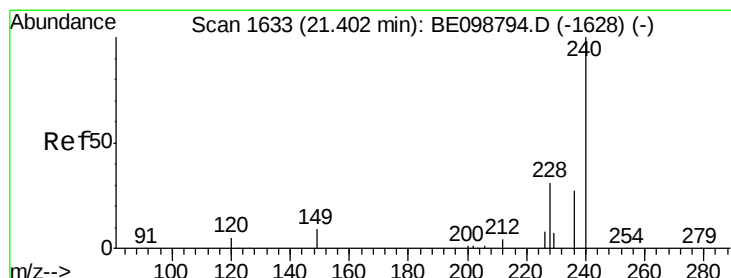
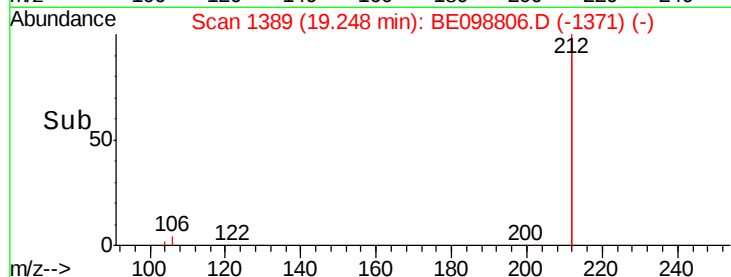
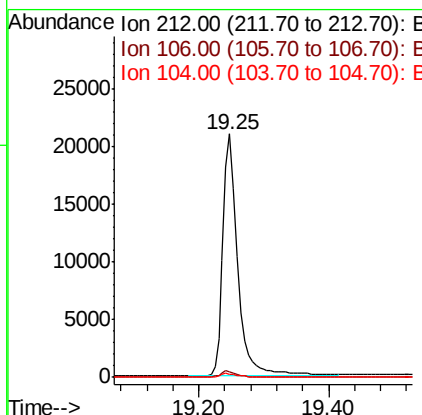
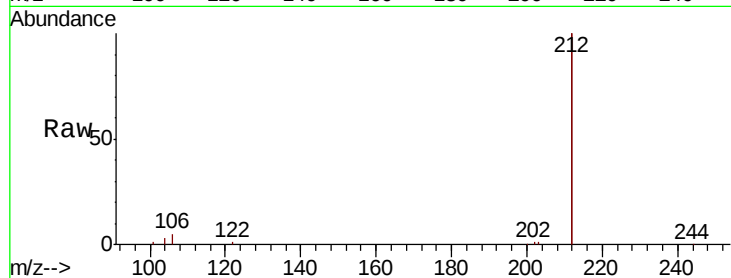




#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.25 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

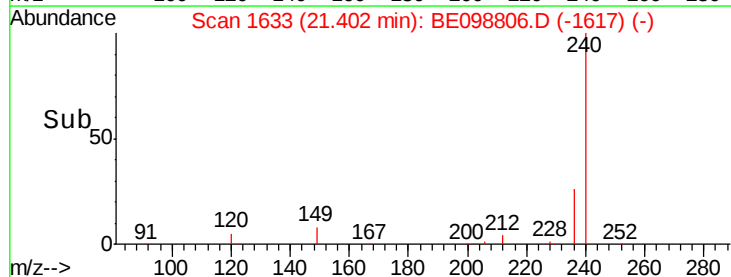
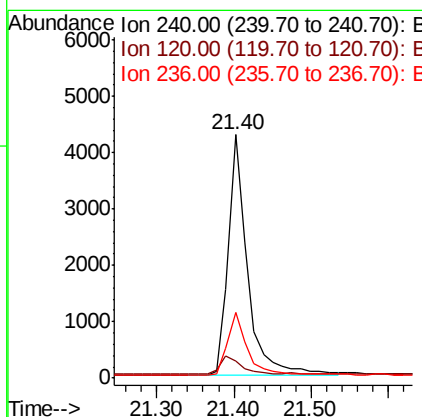
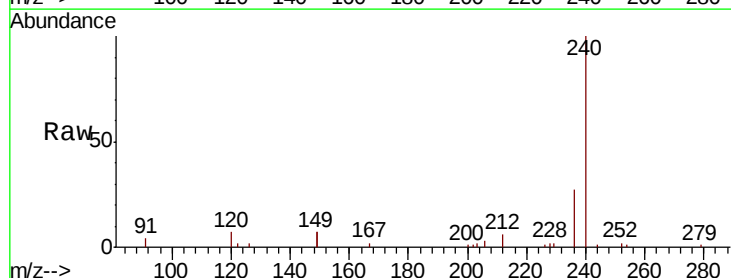
Instrument :
BNA_E
ClientSampleId :
M1-T4B-UV(POST)

Tgt Ion:212 Resp: 33273
Ion Ratio Lower Upper
212 100
106 2.3 1.8 2.8
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE098806.D
Acq: 6 Mar 2019 20:02

Tgt Ion:240 Resp: 7410
Ion Ratio Lower Upper
240 100
120 7.1 5.0 7.4
236 26.8 22.7 34.1





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.85 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

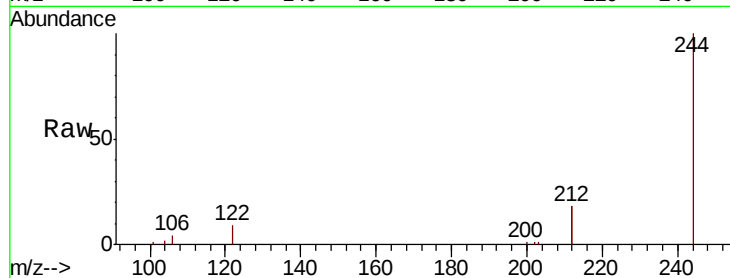
Tgt Ion:244 Resp: 8188

Ion Ratio Lower Upper

244 100

212 36.7 29.4 44.2

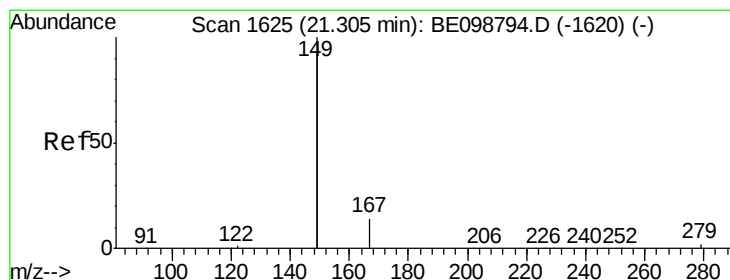
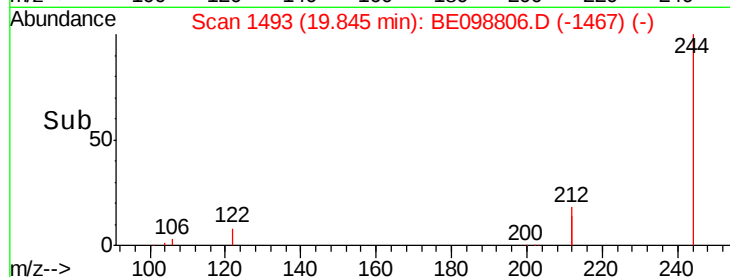
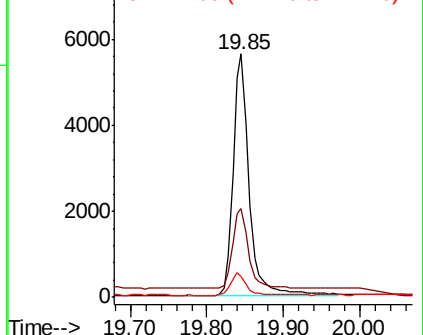
122 8.7 7.1 10.7



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: 0.175 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

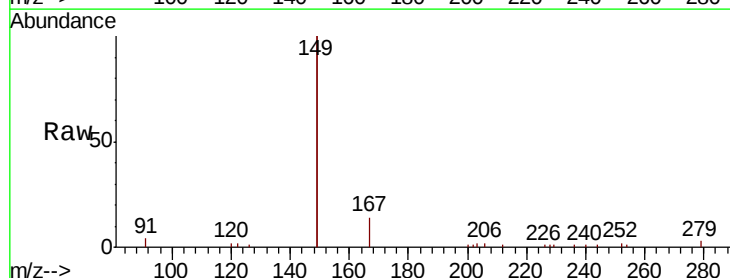
Tgt Ion:149 Resp: 8597

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

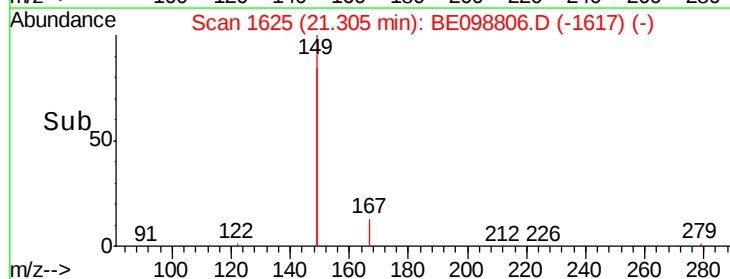
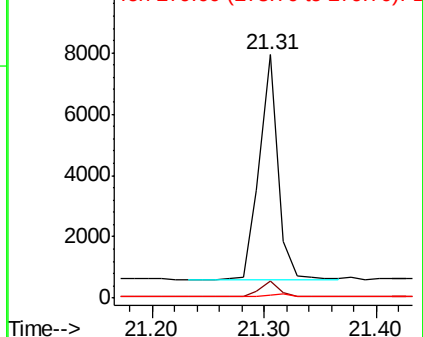
279 1.2 1.0 1.4

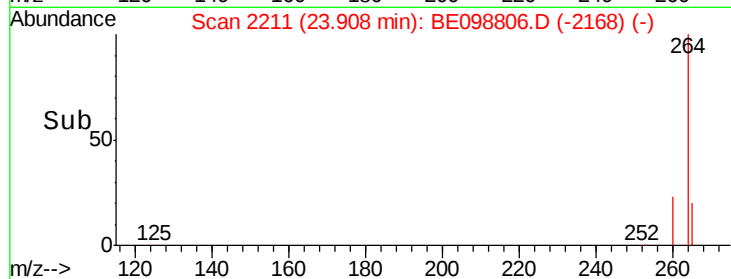
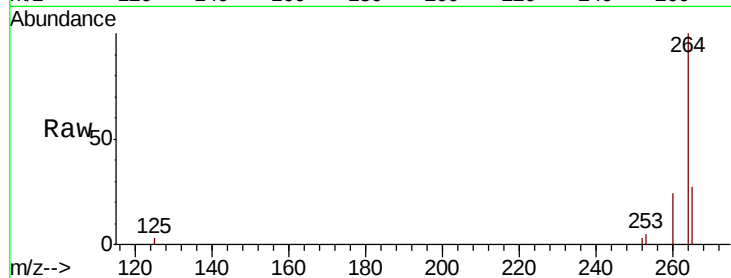


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.91 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BE098806.D

Acq: 6 Mar 2019 20:02

Instrument :

BNA_E

ClientSampleId :

M1-T4B-UV(POST)

Tgt Ion: 264 Resp: 7404

Ion Ratio Lower Upper

264 100

260 23.9 21.2 31.8

265 27.1 24.6 36.8

