

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031519\
 Data File : BE098985.D
 Acq On : 16 Mar 2019 00:11
 Operator : JU/SJ
 Sample : K1912-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)

Quant Time: Mar 16 00:53:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

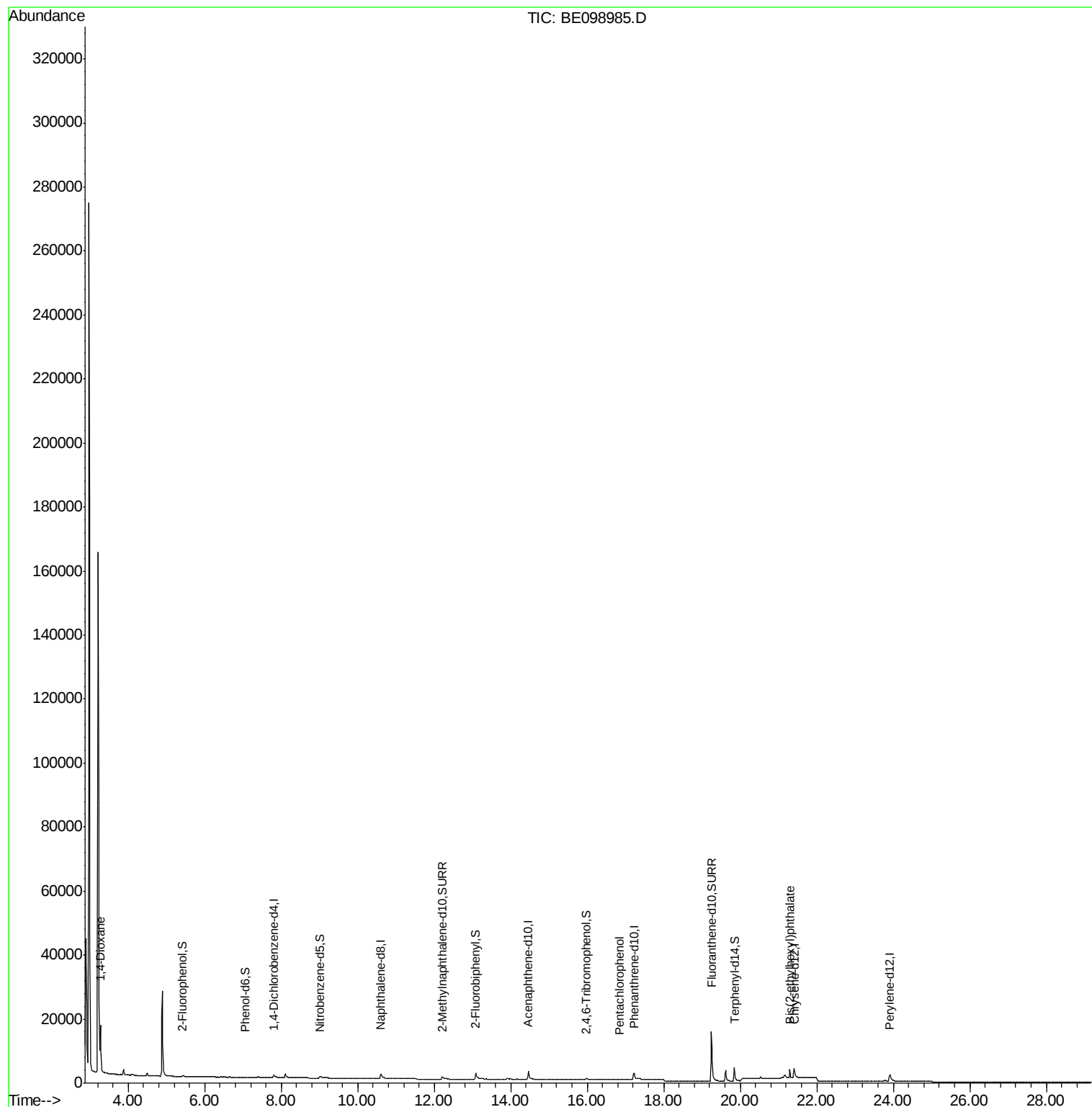
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	652	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3013	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2157	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4766	0.40	ng	0.00
27) Chrysene-d12	21.41	240	5594	0.40	ng	0.01
34) Perylene-d12	23.91	264	4903	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	265	0.14	ng	0.03
5) Phenol-d6	7.07	99	134	0.05	ng	0.08
8) Nitrobenzene-d5	9.02	82	1009	0.32	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	2280	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	418	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3882	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	30627	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	5815	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	7524	7.391	ng	99
22) Pentachlorophenol	16.84	266	1	0.265	ng	86
32) Bis(2-ethylhexyl)phthalate	21.29	149	3108	0.084	ng	# 99

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

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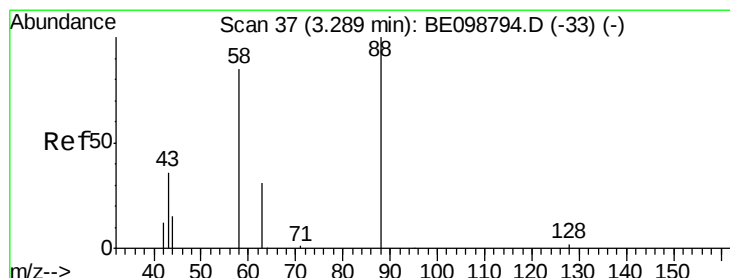
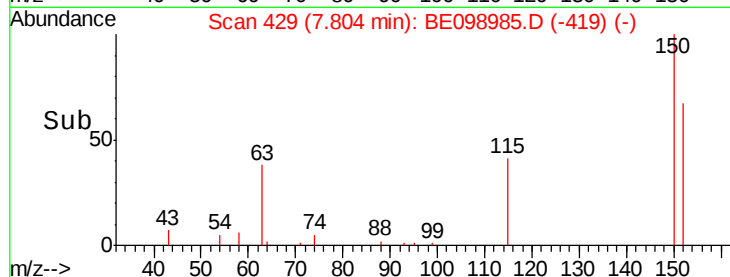
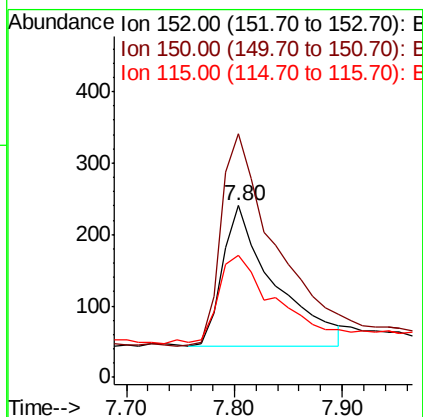
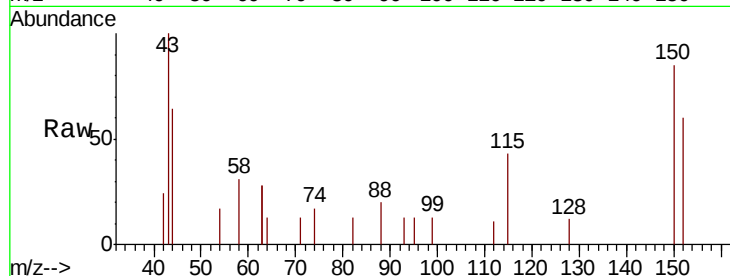




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098985.D
 Acq: 16 Mar 2019 00:11

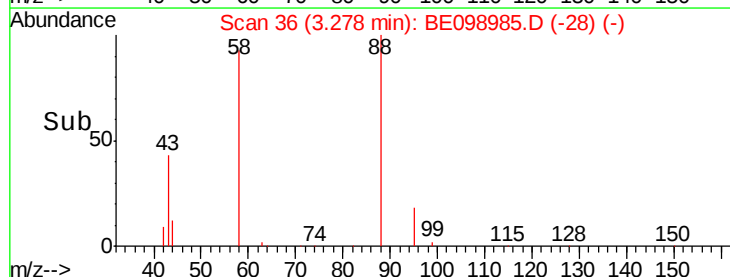
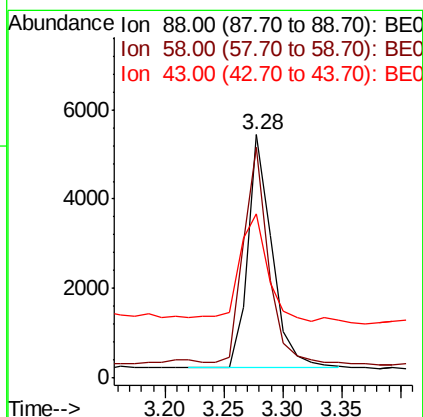
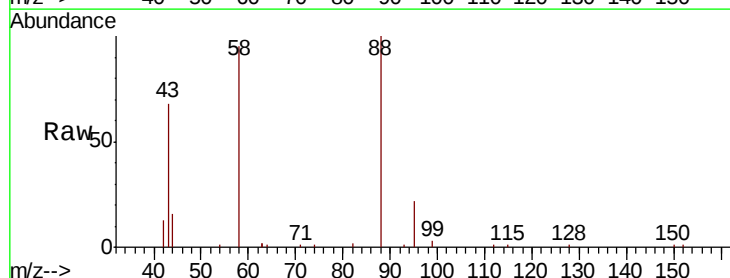
Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)

Tgt Ion: 152 Resp: 652
 Ion Ratio Lower Upper
 152 100
 150 142.1 122.5 183.7
 115 71.3 57.4 86.2



#2
 1,4-Dioxane
 Concen: 7.391 ng
 RT: 3.28 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BE098985.D
 Acq: 16 Mar 2019 00:11

Tgt Ion: 88 Resp: 7524
 Ion Ratio Lower Upper
 88 100
 58 93.2 75.8 113.6
 43 52.0 41.8 62.8





#4

2-Fluorophenol

Concen: 0.136 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.03 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

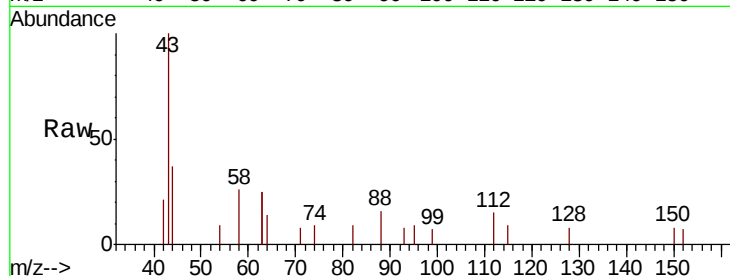
Tgt Ion: 112 Resp: 265

Ion Ratio Lower Upper

112 100

64 94.3 57.9 86.9#

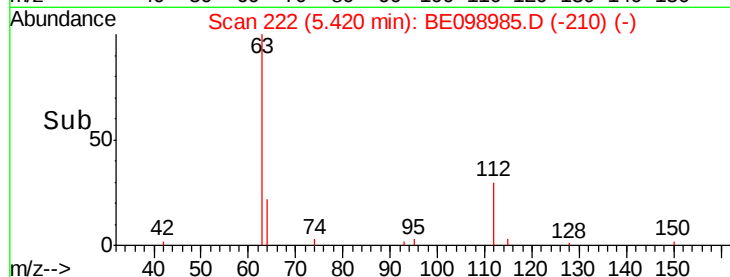
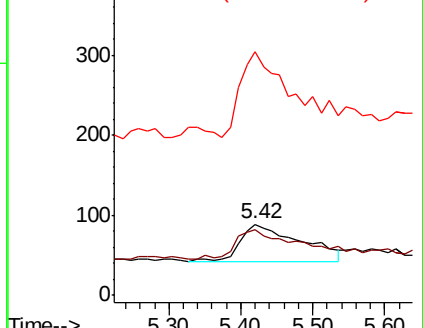
63 249.8 158.3 237.5#



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: 0.049 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.08 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

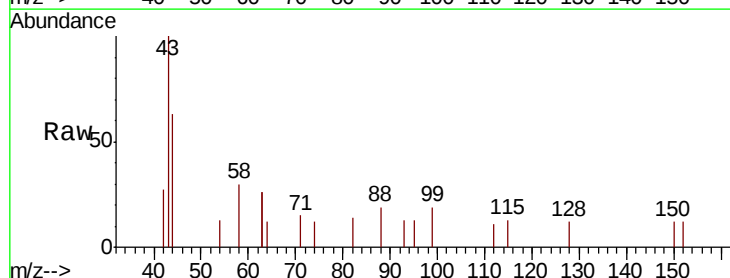
Tgt Ion: 99 Resp: 134

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

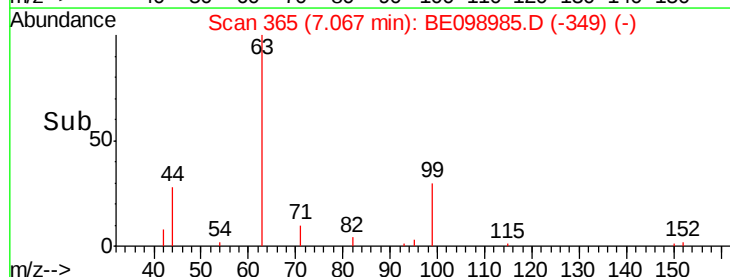
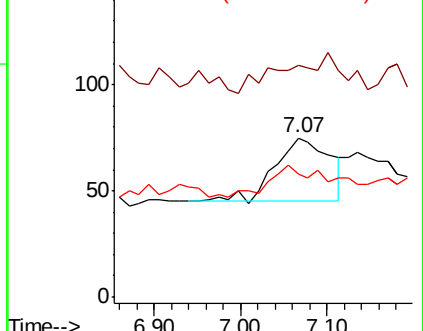
71 54.5 35.7 53.5#



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

Tgt Ion:136 Resp: 3013

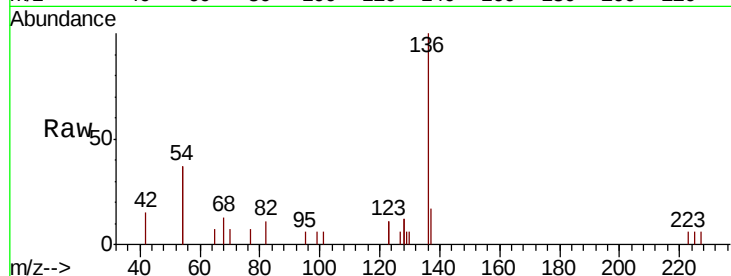
Ion Ratio Lower Upper

136 100

137 16.5 11.4 17.0

54 73.6 39.3 58.9#

68 13.1 6.7 10.1#

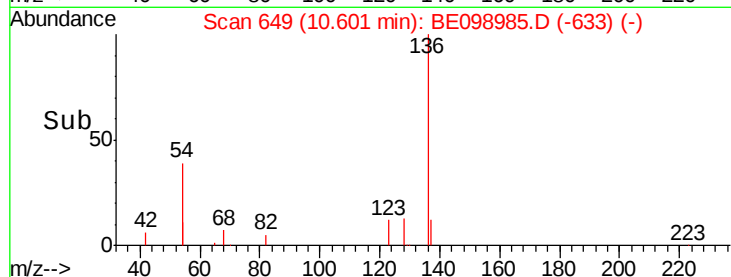


Abundance Ion 136.00 (135.70 to 136.70): E

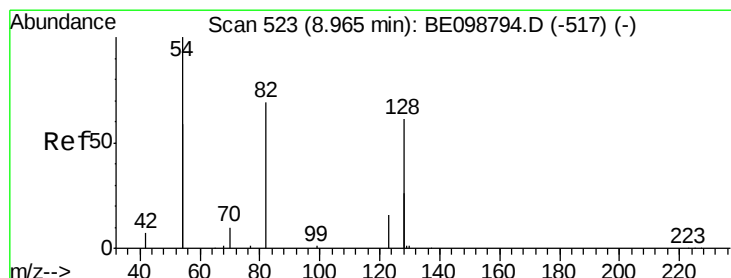
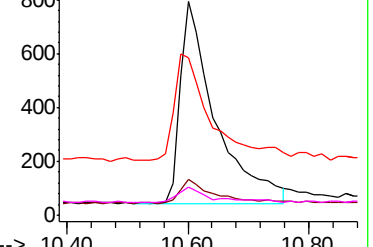
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

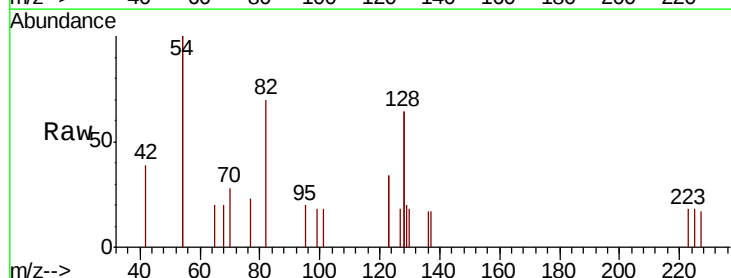
Tgt Ion: 82 Resp: 1009

Ion Ratio Lower Upper

82 100

128 181.5 123.8 185.8

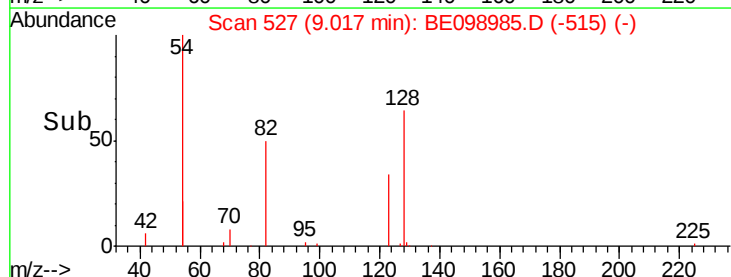
54 283.7 203.4 305.2



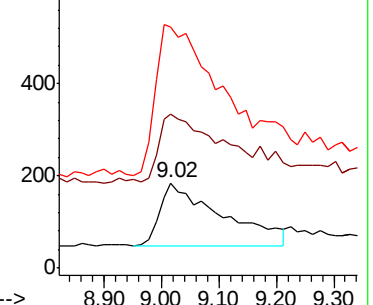
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->

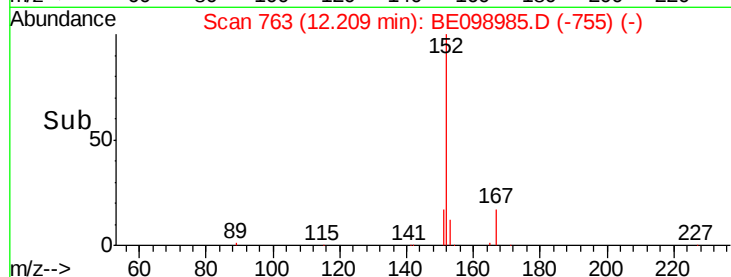
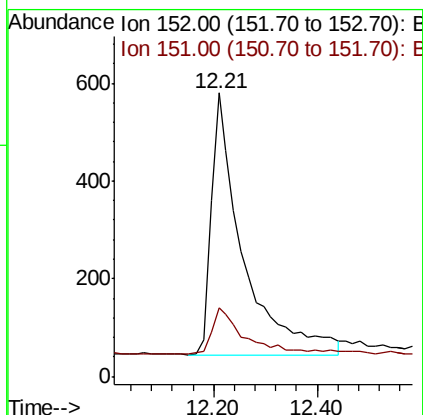
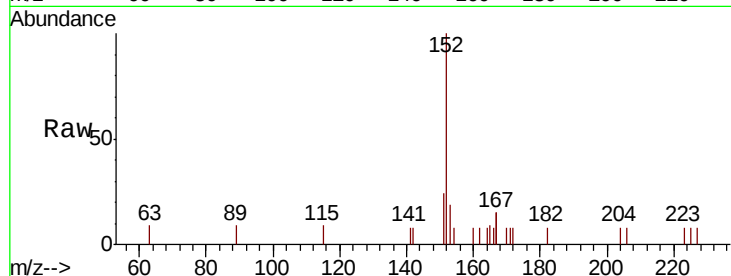




#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098985.D
 Acq: 16 Mar 2019 00:11

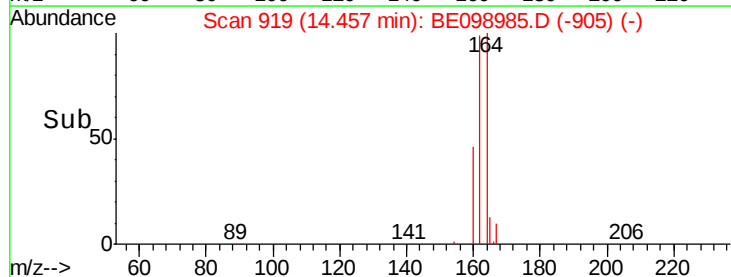
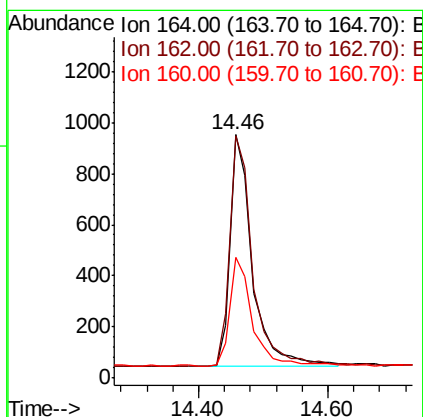
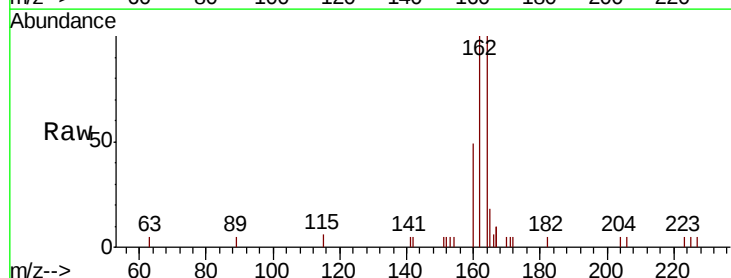
Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)

Tgt Ion:152 Resp: 2280
 Ion Ratio Lower Upper
 152 100
 151 17.3 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: BE098985.D
 Acq: 16 Mar 2019 00:11

Tgt Ion:164 Resp: 2157
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.2 120.2
 160 49.3 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.384 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

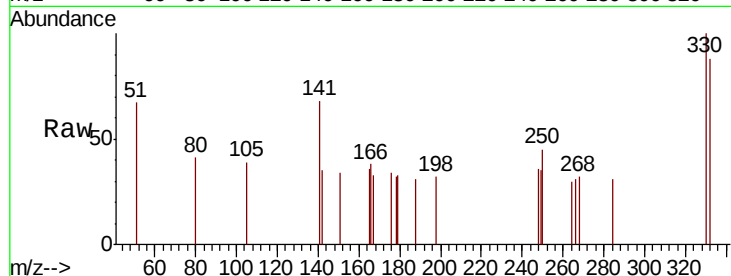
Tgt Ion:330 Resp: 418

Ion Ratio Lower Upper

330 100

332 95.2 77.6 116.4

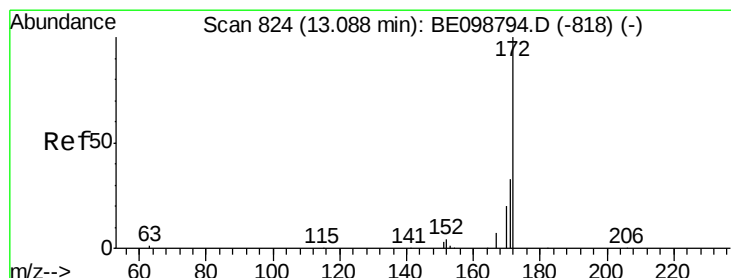
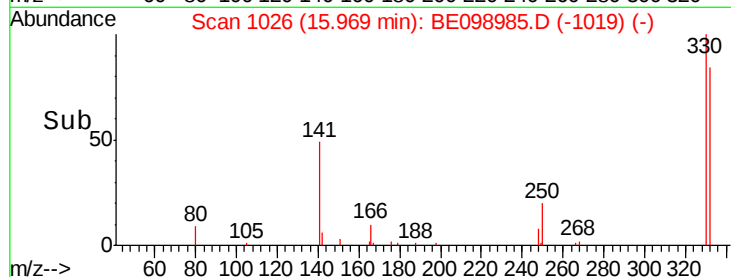
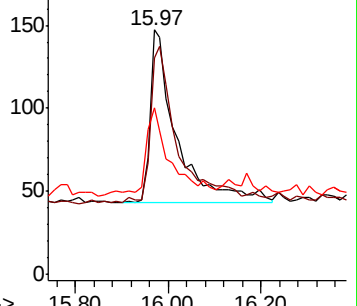
141 40.9 31.0 46.4



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: 0.435 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

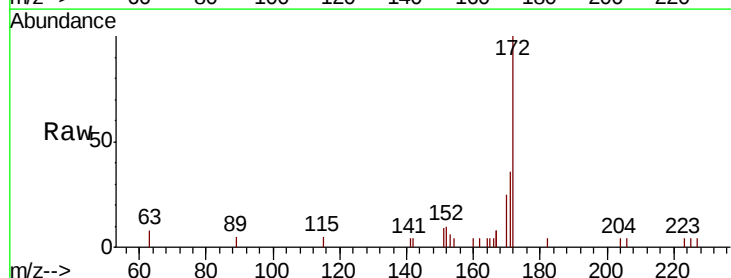
Tgt Ion:172 Resp: 3882

Ion Ratio Lower Upper

172 100

171 35.6 28.0 42.0

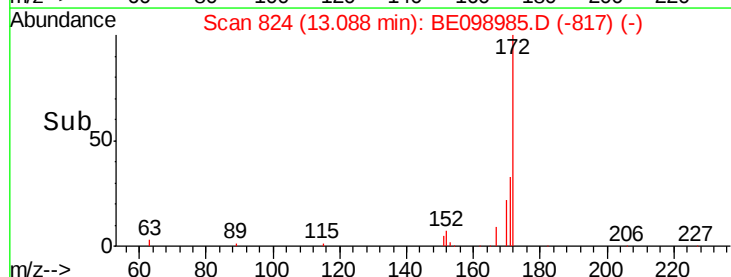
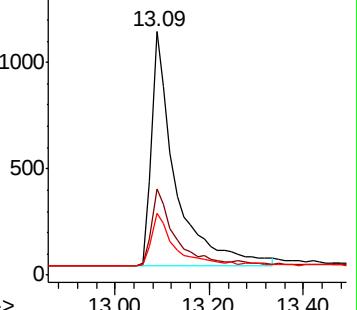
170 25.3 17.7 26.5



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: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

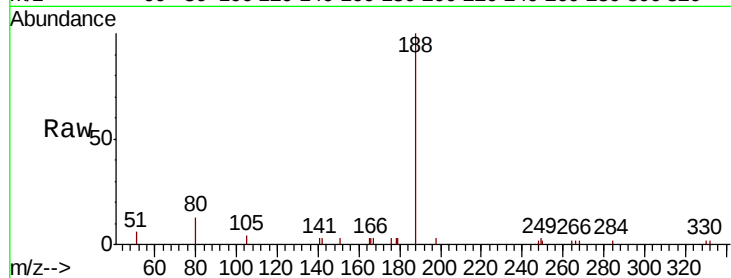
Tgt Ion:188 Resp: 4766

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

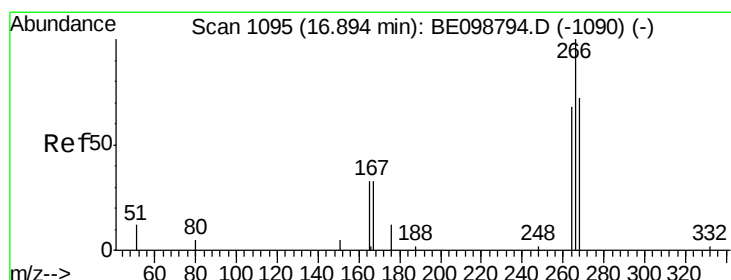
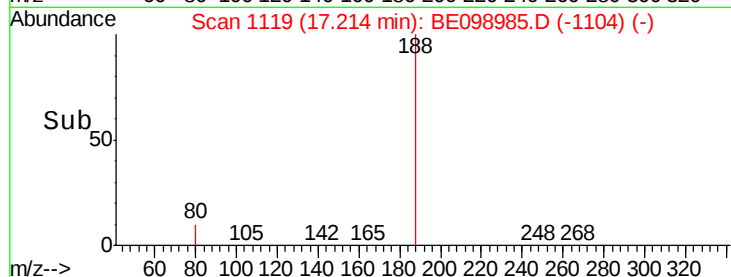
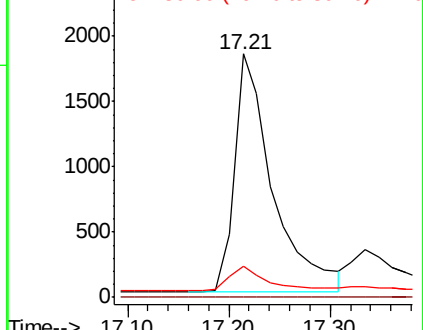
80 12.5 6.3 9.5#



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: 0.265 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

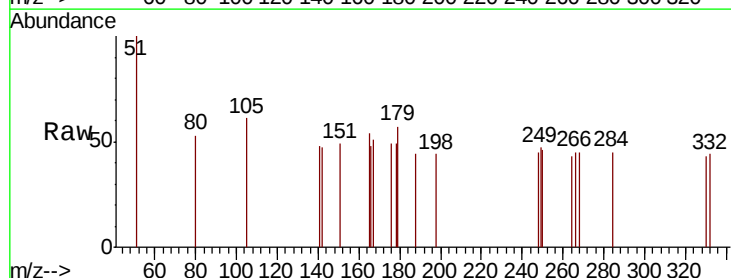
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 95.7 66.6 100.0

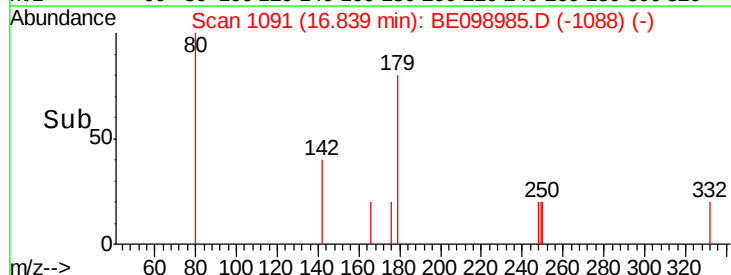
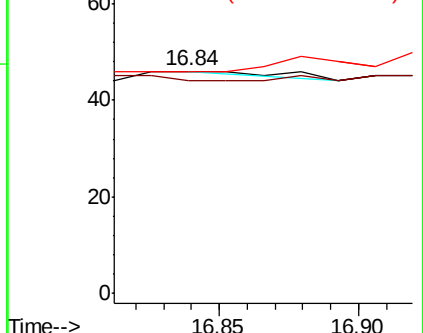
268 100.0 69.8 104.8



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

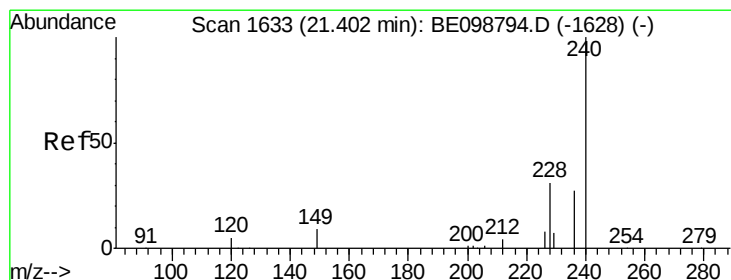
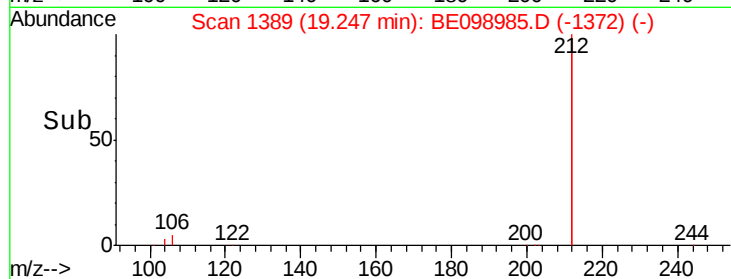
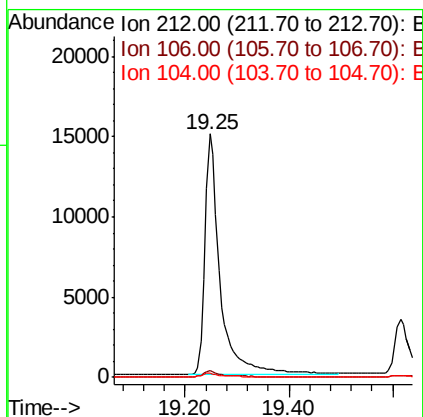
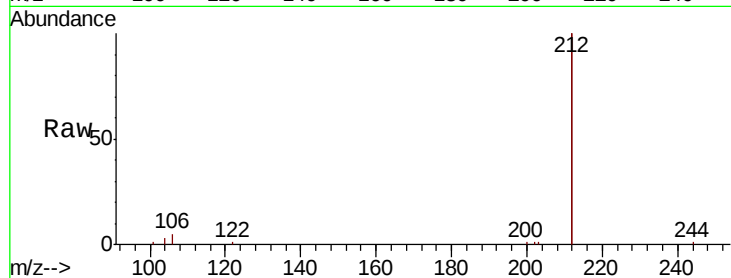




#25
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098985.D
 Acq: 16 Mar 2019 00:11

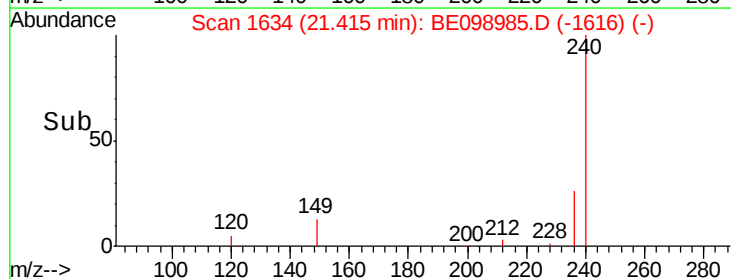
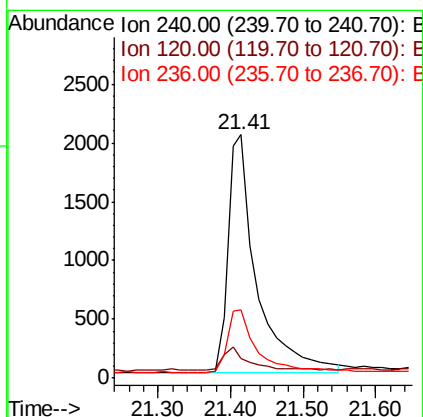
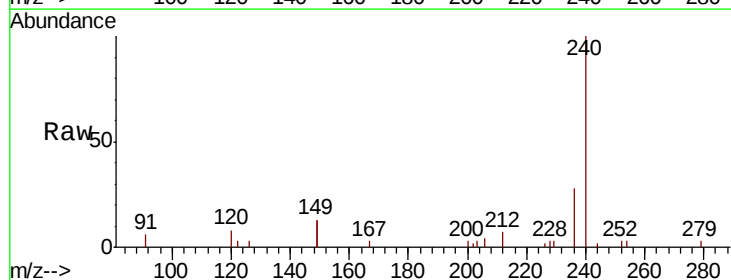
Instrument :
 BNA_E
 ClientSampleId :
 M3-T1-UV(PRE)

Tgt Ion:212 Resp: 30627
 Ion Ratio Lower Upper
 212 100
 106 2.2 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BE098985.D
 Acq: 16 Mar 2019 00:11

Tgt Ion:240 Resp: 5594
 Ion Ratio Lower Upper
 240 100
 120 8.3 5.0 7.4#
 236 28.2 22.7 34.1





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

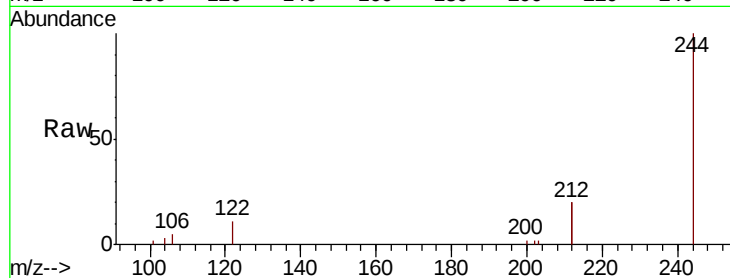
Tgt Ion:244 Resp: 5815

Ion Ratio Lower Upper

244 100

212 39.2 29.4 44.2

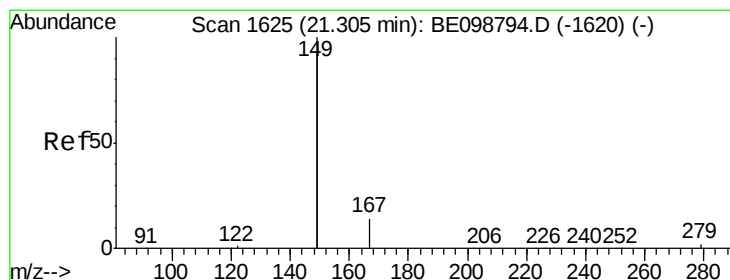
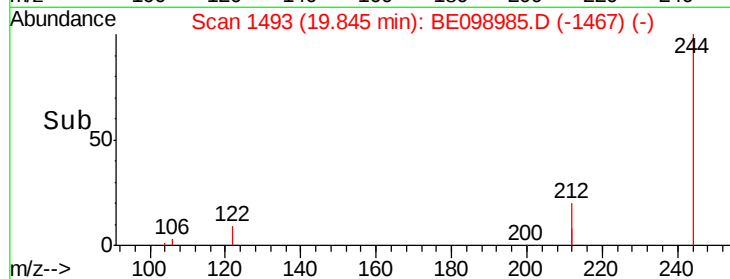
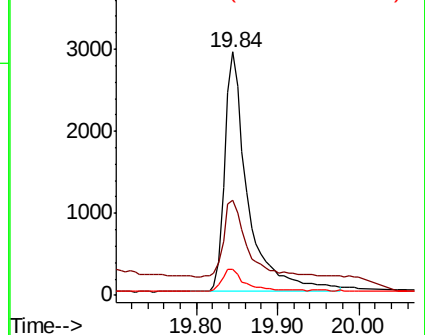
122 10.7 7.1 10.7#



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: 0.084 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

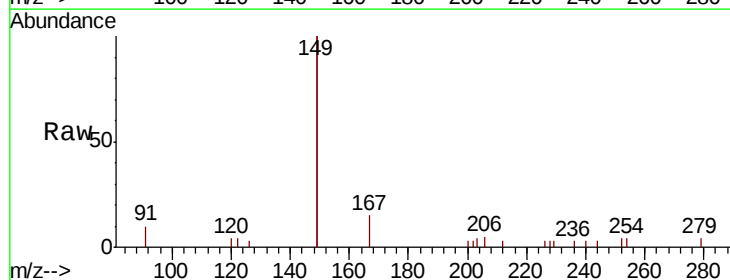
Tgt Ion:149 Resp: 3108

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

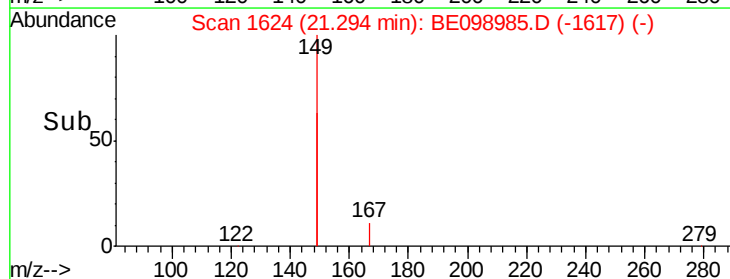
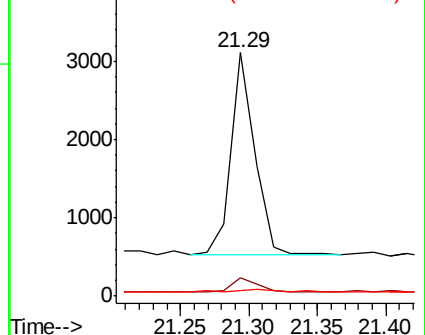
279 2.0 1.0 1.4#

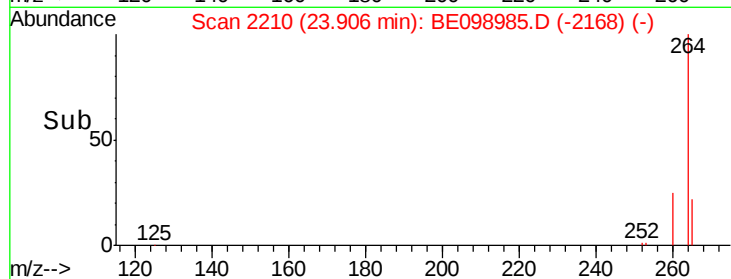
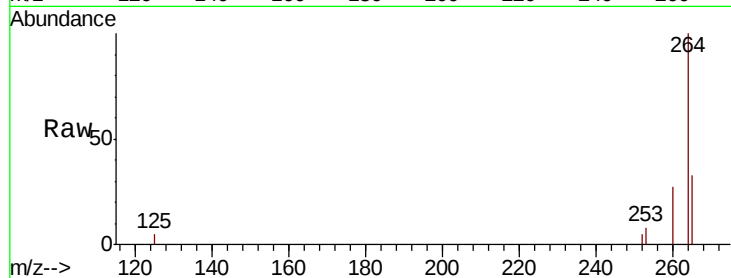


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2210

Delta R.T. 0.00 min

Lab File: BE098985.D

Acq: 16 Mar 2019 00:11

Instrument :

BNA_E

ClientSampleId :

M3-T1-UV(PRE)

Tgt Ion: 264 Resp: 4903

Ion Ratio Lower Upper

264 100

260 27.0 21.2 31.8

265 33.1 24.6 36.8

