

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098882.D
 Acq On : 12 Mar 2019 4:43
 Operator : JU/SJ
 Sample : K1841-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190308

Quant Time: Mar 12 07:28:35 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

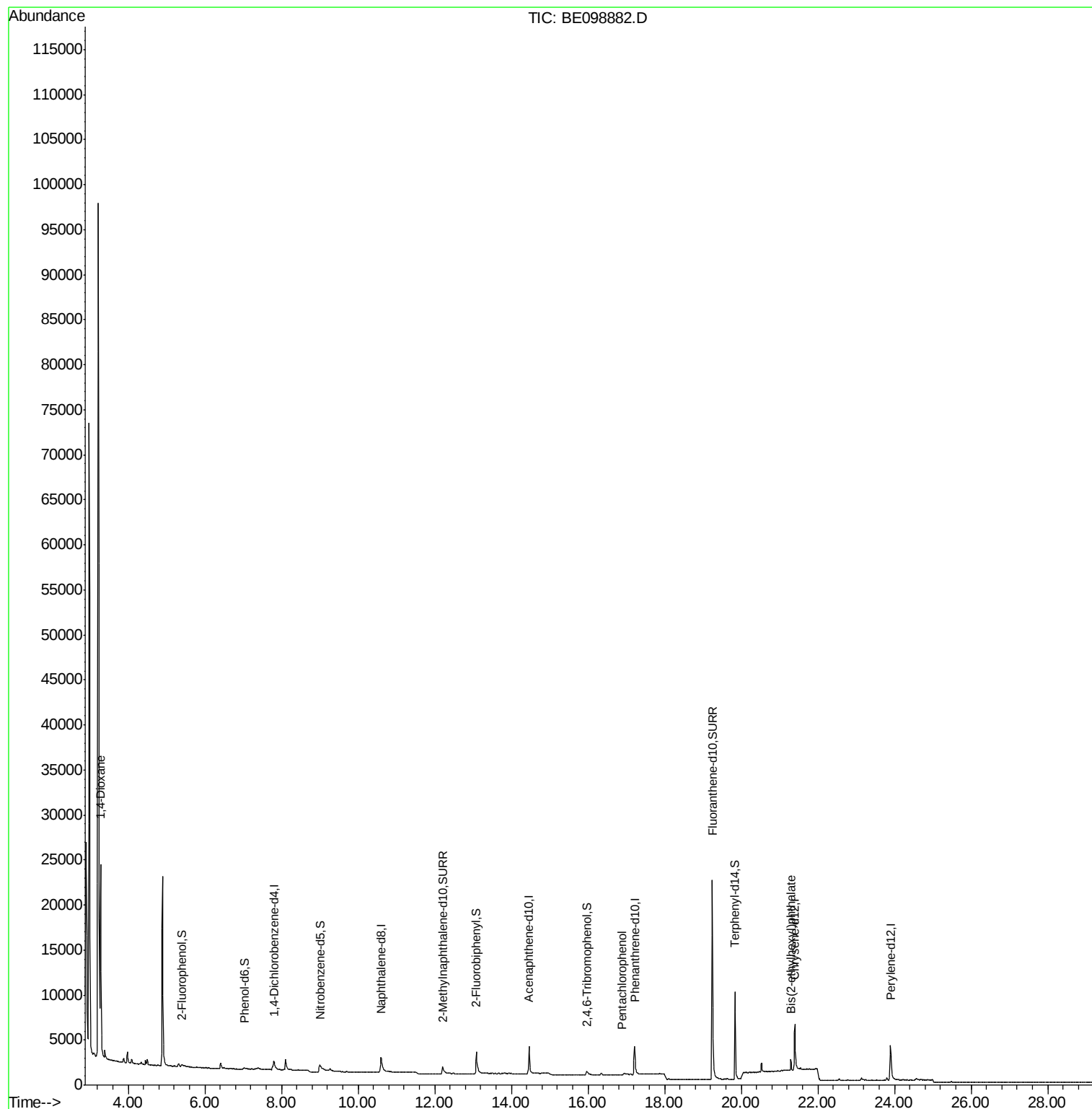
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	797	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3347	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2395	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6197	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7507	0.40	ng	0.00
34) Perylene-d12	23.90	264	7194	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	352	0.15	ng	0.01
5) Phenol-d6	7.02	99	287	0.09	ng	0.04
8) Nitrobenzene-d5	9.00	82	1159	0.33	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2330	0.38	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	480	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4120	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	36764	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	9937	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	11701	9.432	ng	100
22) Pentachlorophenol	16.89	266	17	0.277	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	1662	0.033	ng	97

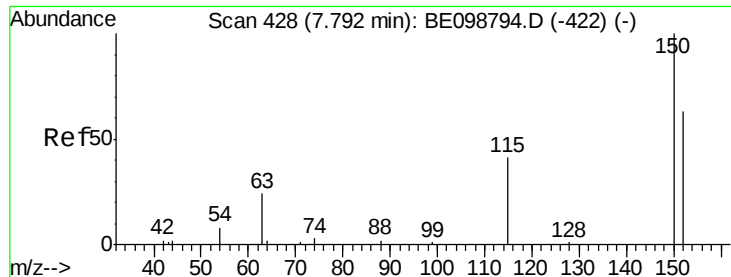
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

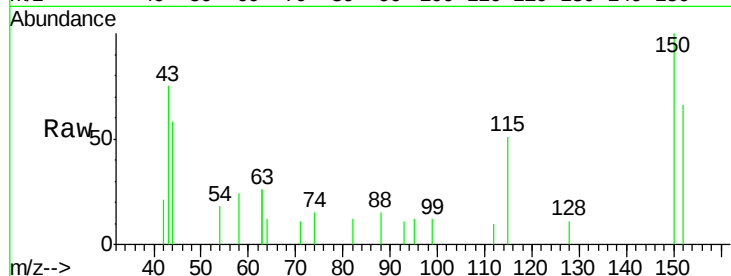
Tgt Ion:152 Resp: 797

Ion Ratio Lower Upper

152 100

150 151.5 122.5 183.7

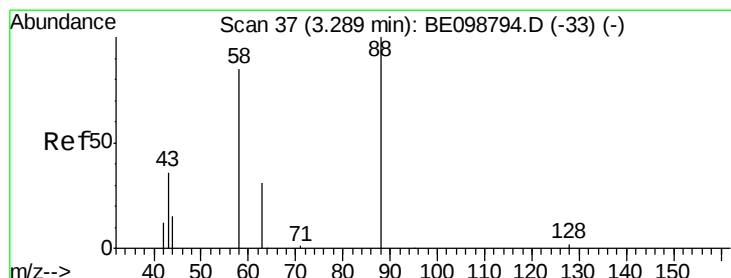
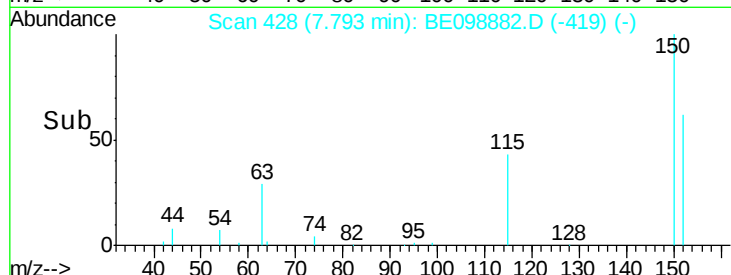
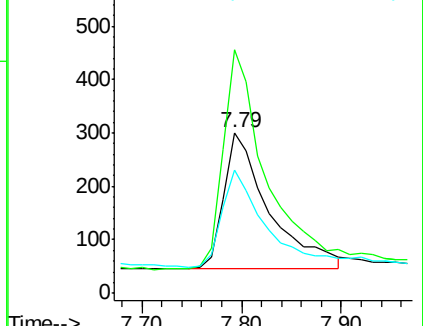
115 76.7 57.4 86.2



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: 9.432 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

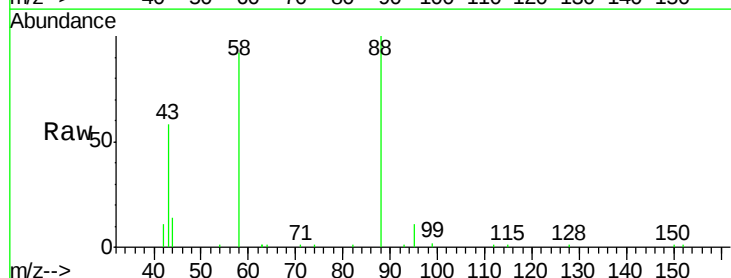
Tgt Ion: 88 Resp: 11701

Ion Ratio Lower Upper

88 100

58 94.6 75.8 113.6

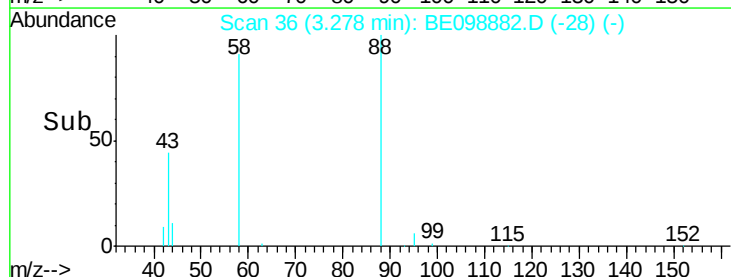
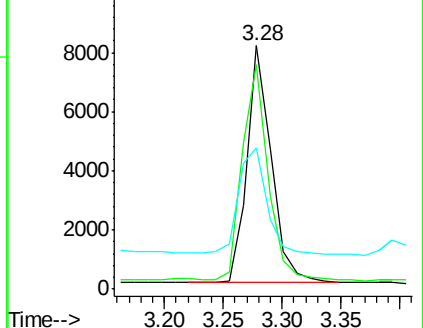
43 51.8 41.8 62.8



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: 0.148 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

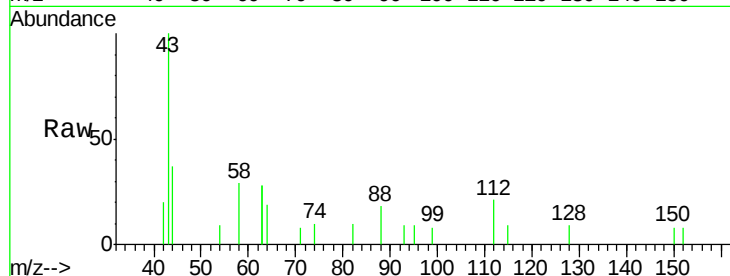
Tgt Ion: 112 Resp: 352

Ion Ratio Lower Upper

112 100

64 78.4 57.9 86.9

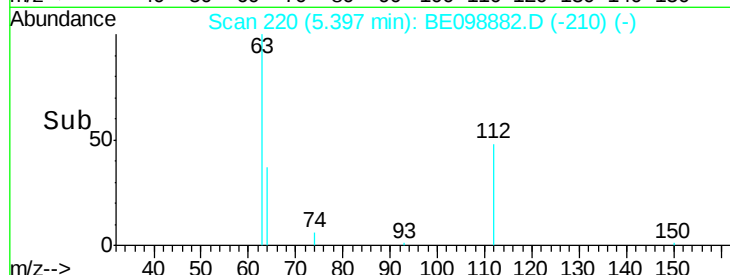
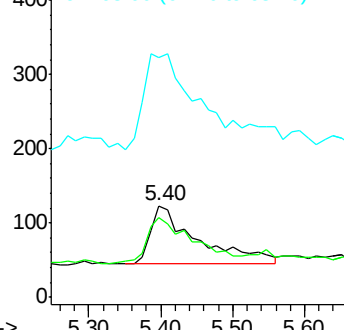
63 221.6 158.3 237.5



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: 0.085 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.04 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

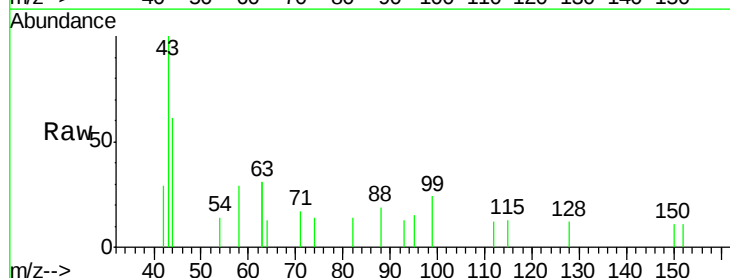
Tgt Ion: 99 Resp: 287

Ion Ratio Lower Upper

99 100

42 29.3 24.2 36.2

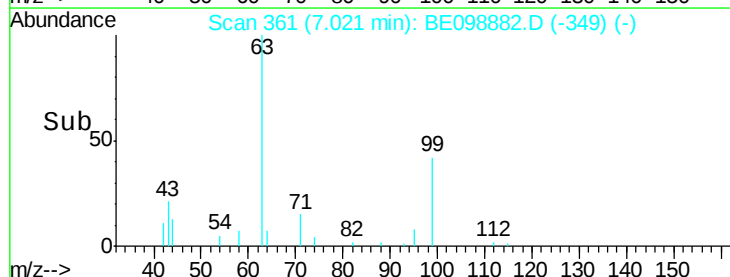
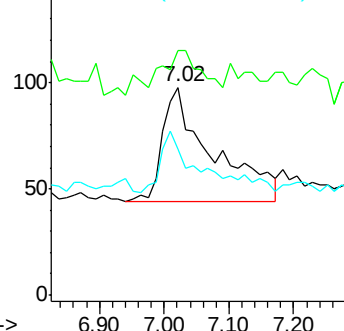
71 38.0 35.7 53.5



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: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

Tgt Ion: 136 Resp: 3347

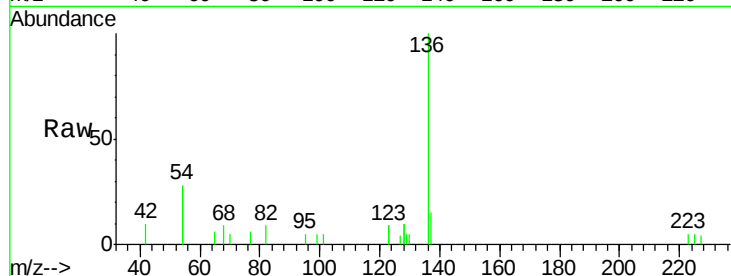
Ion Ratio Lower Upper

136 100

137 14.8 11.4 17.0

54 55.9 39.3 58.9

68 8.8 6.7 10.1

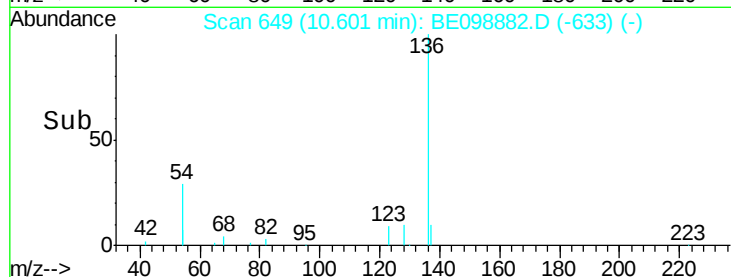


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.330 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

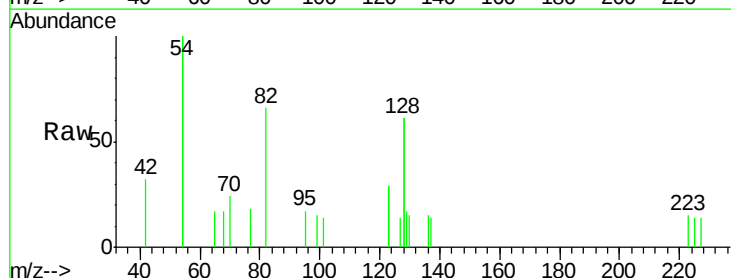
Tgt Ion: 82 Resp: 1159

Ion Ratio Lower Upper

82 100

128 184.7 123.8 185.8

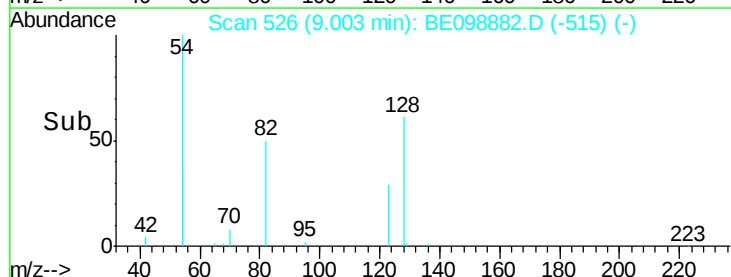
54 304.3 203.4 305.2



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



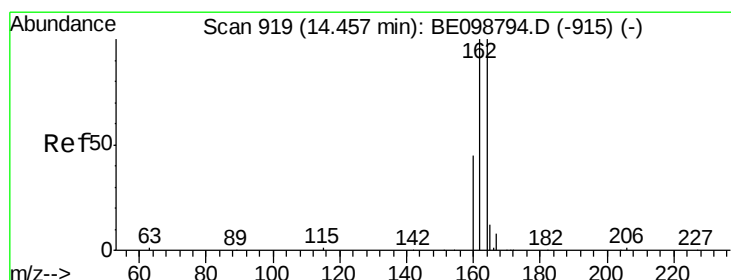
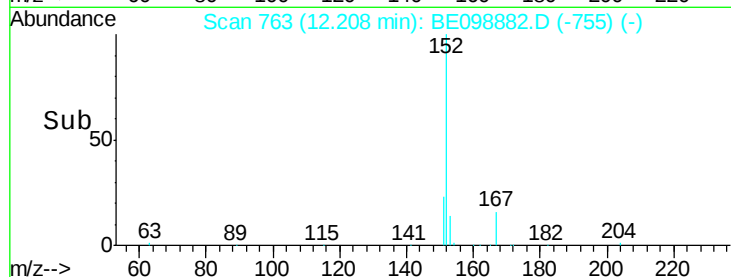
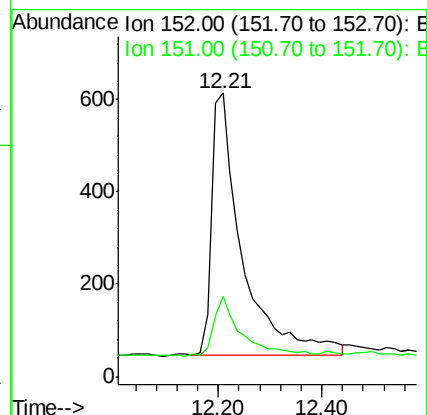
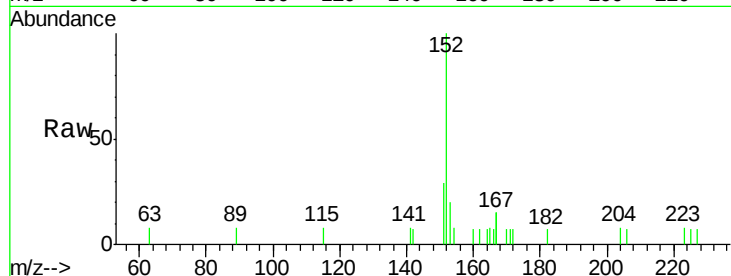
Time-->



#11
 2-Methylnaphthalene-d10
 Concen: 0.377 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098882.D
 Acq: 12 Mar 2019 4:43

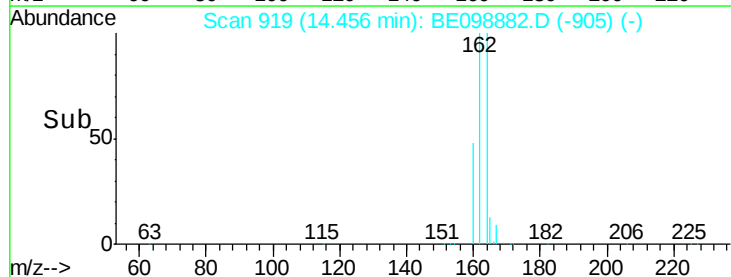
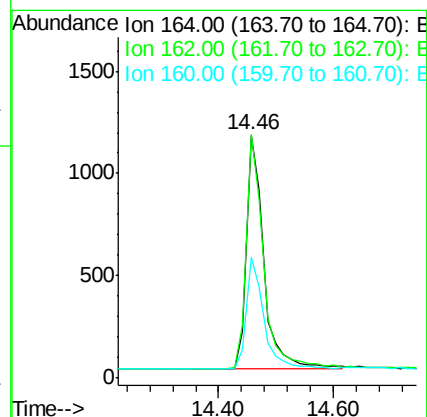
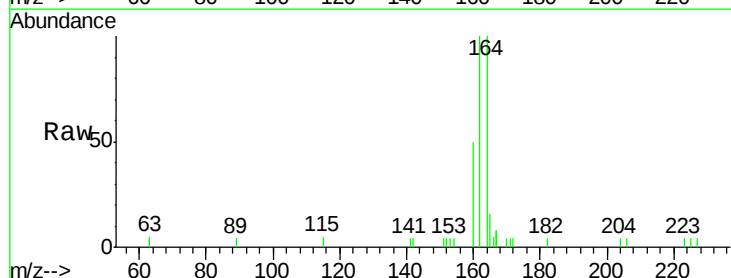
Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190308

Tgt Ion:152 Resp: 2330
 Ion Ratio Lower Upper
 152 100
 151 20.8 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: BE098882.D
 Acq: 12 Mar 2019 4:43

Tgt Ion:164 Resp: 2395
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.2 120.2
 160 49.7 37.8 56.8

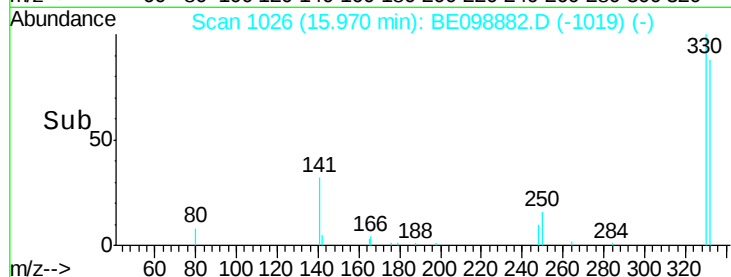
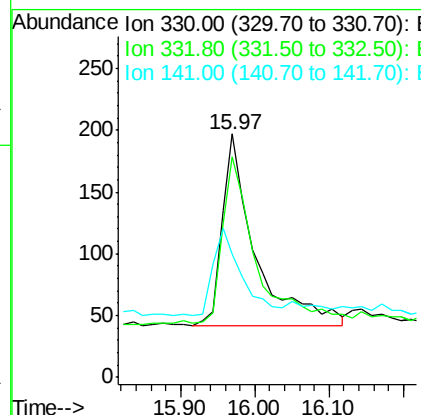
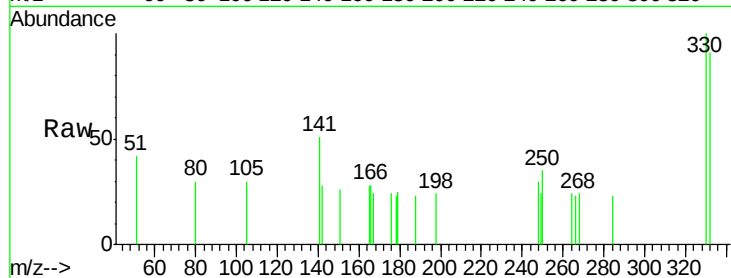




#14
 2,4,6-Tribromophenol
 Concen: 0.397 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098882.D
 Acq: 12 Mar 2019 4:43

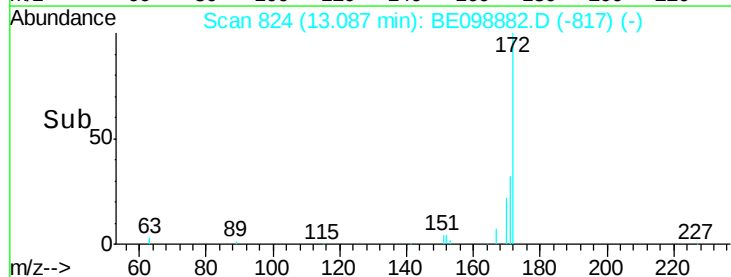
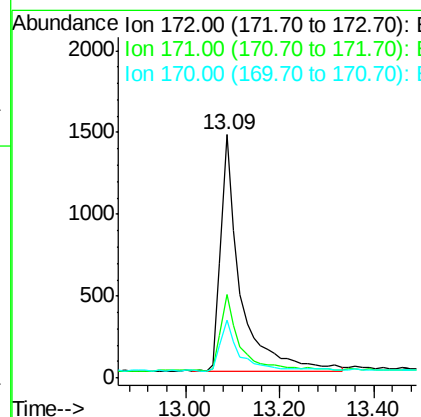
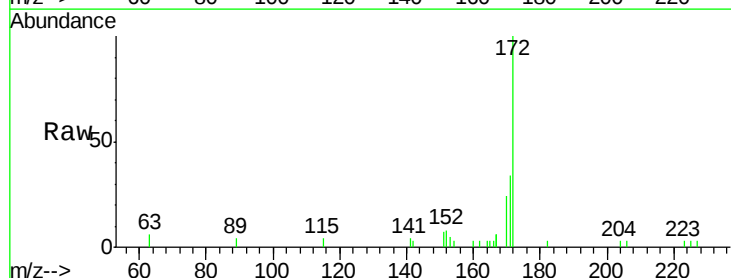
Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190308

Tgt Ion:	330	Resp:	480
Ion	Ratio	Lower	Upper
330	100		
332	88.1	77.6	116.4
141	39.4	31.0	46.4



#15
 2-Fluorobiphenyl
 Concen: 0.416 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE098882.D
 Acq: 12 Mar 2019 4:43

Tgt Ion:	172	Resp:	4120
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.0	42.0
170	23.9	17.7	26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

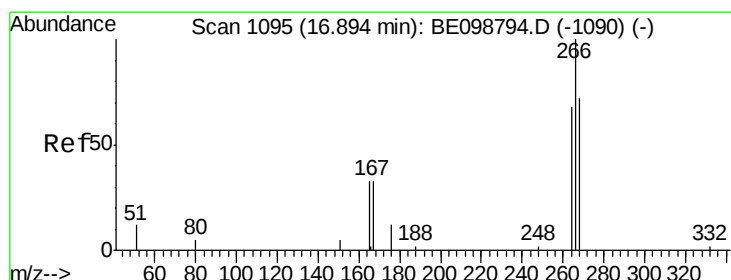
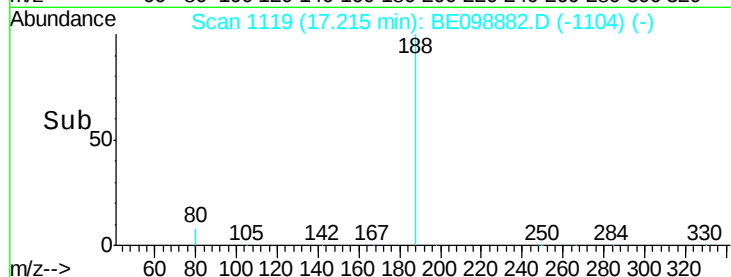
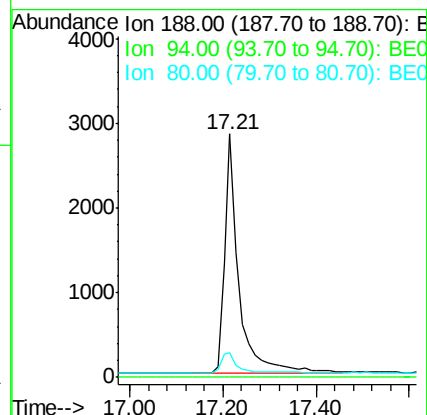
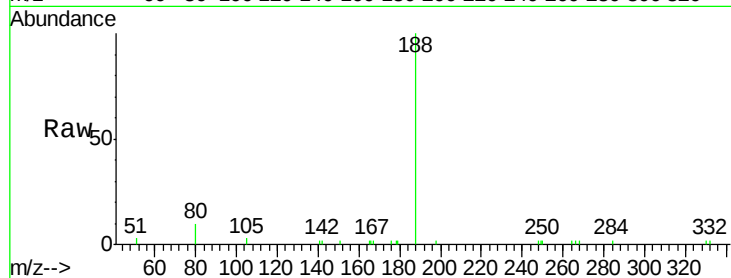
Tgt Ion:188 Resp: 6197

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

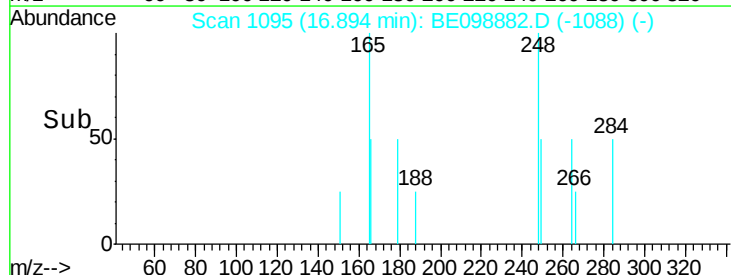
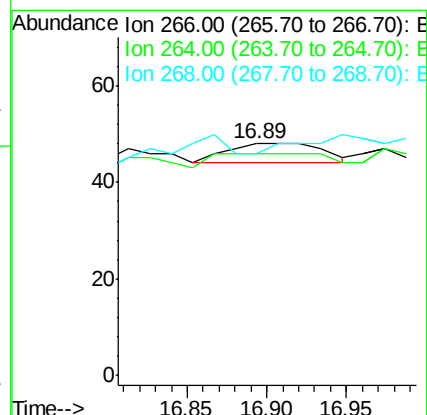
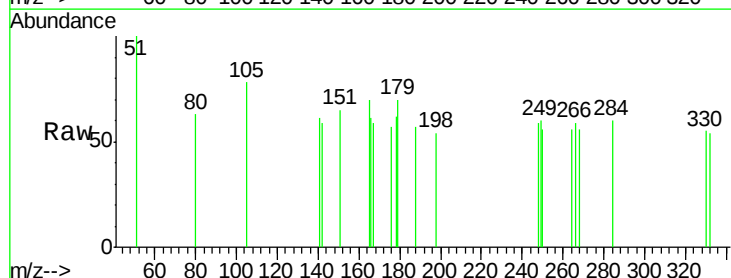
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 95.8 66.6 100.0

268 95.8 69.8 104.8

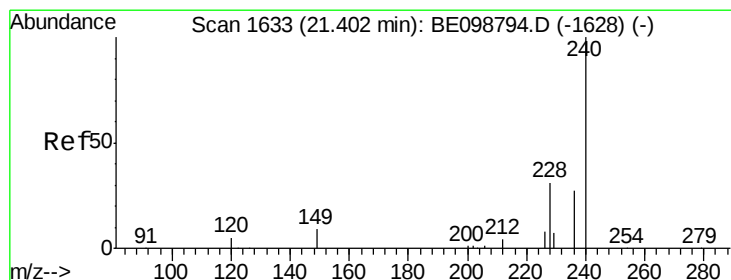
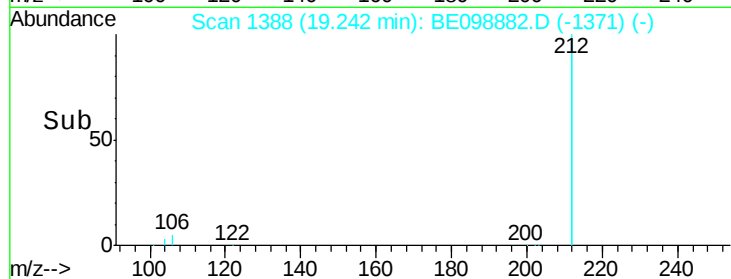
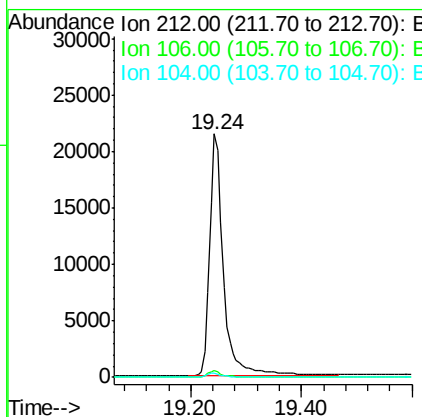
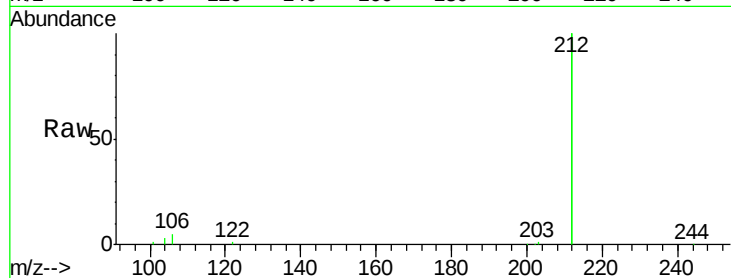




#25
 Fluoranthene-d10
 Concen: 0.372 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE098882.D
 Acq: 12 Mar 2019 4:43

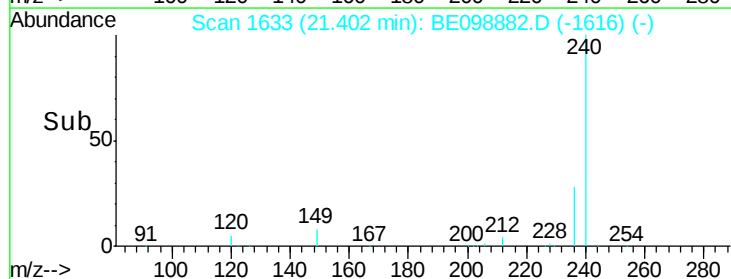
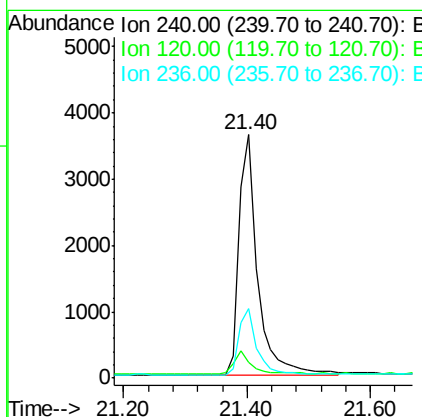
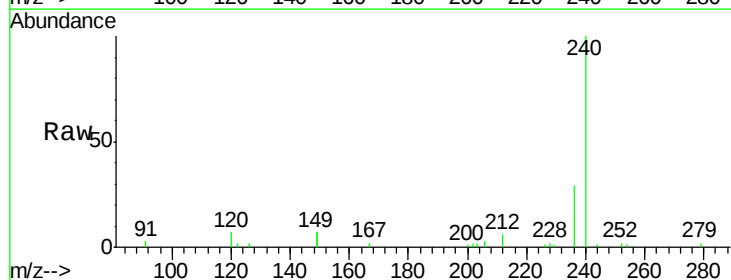
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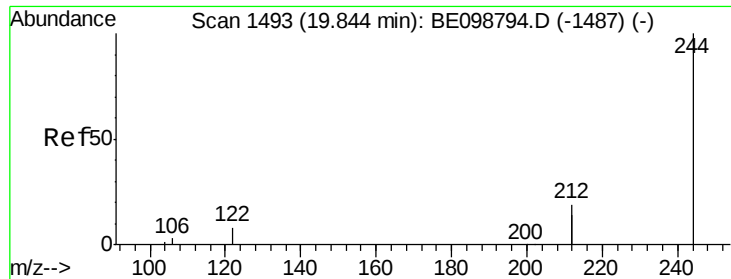
Tgt Ion: 212 Resp: 36764
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098882.D
 Acq: 12 Mar 2019 4:43

Tgt Ion: 240 Resp: 7507
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.0 7.4
 236 28.8 22.7 34.1





#29

Terphenyl-d14

Concen: 0.545 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

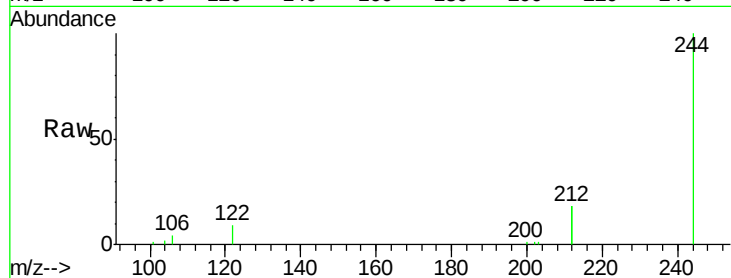
Tgt Ion:244 Resp: 9937

Ion Ratio Lower Upper

244 100

212 36.5 29.4 44.2

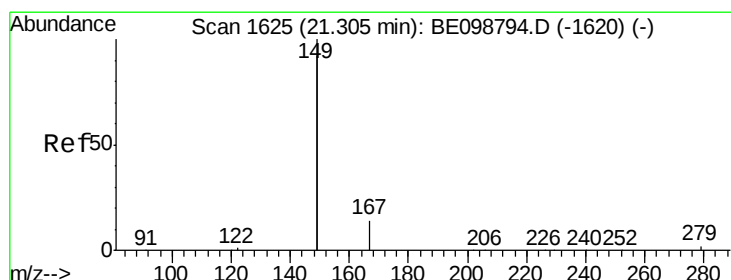
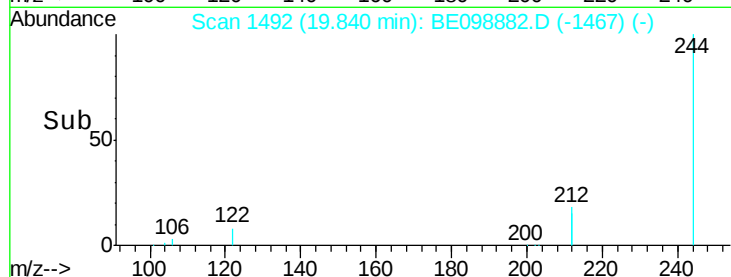
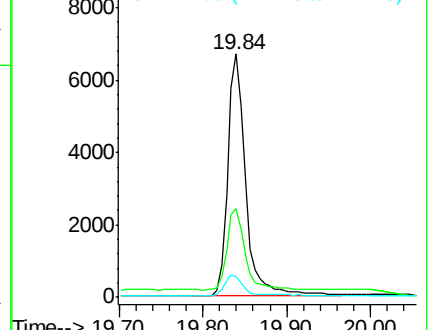
122 8.6 7.1 10.7



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: 0.033 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

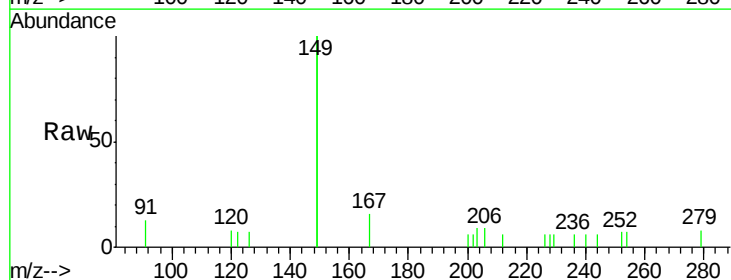
Tgt Ion:149 Resp: 1662

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.0

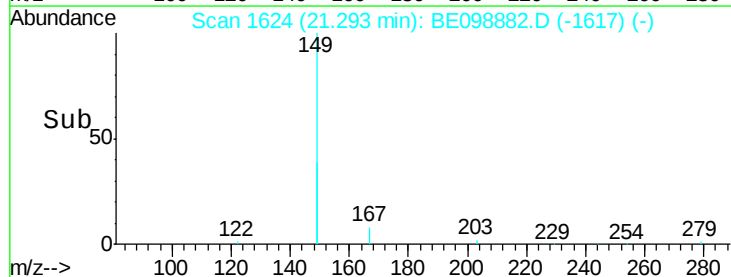
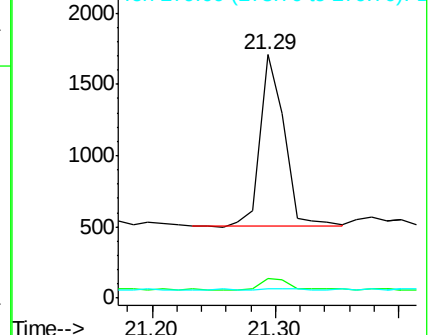
279 1.3 1.0 1.4

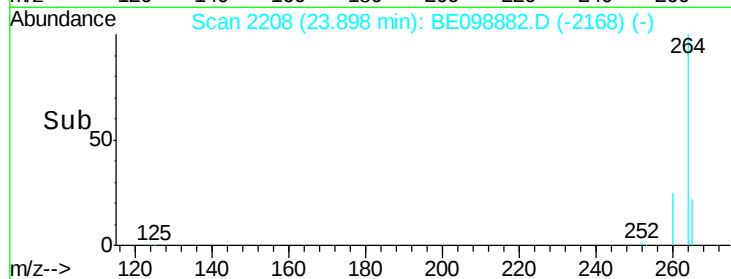
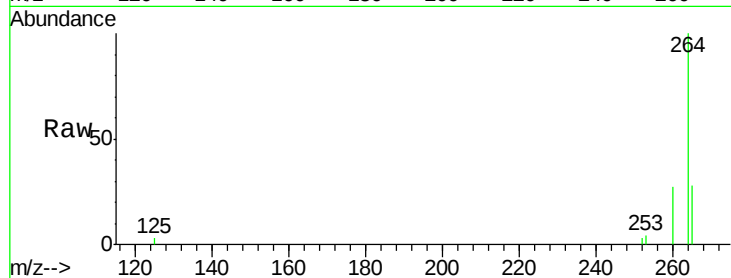


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098882.D

Acq: 12 Mar 2019 4:43

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190308

Tgt Ion: 264 Resp: 7194

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 28.4 24.6 36.8

