

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
 Data File : BE098879.D
 Acq On : 12 Mar 2019 2:53
 Operator : JU/SJ
 Sample : K1841-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308

Quant Time: Mar 12 07:28:04 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

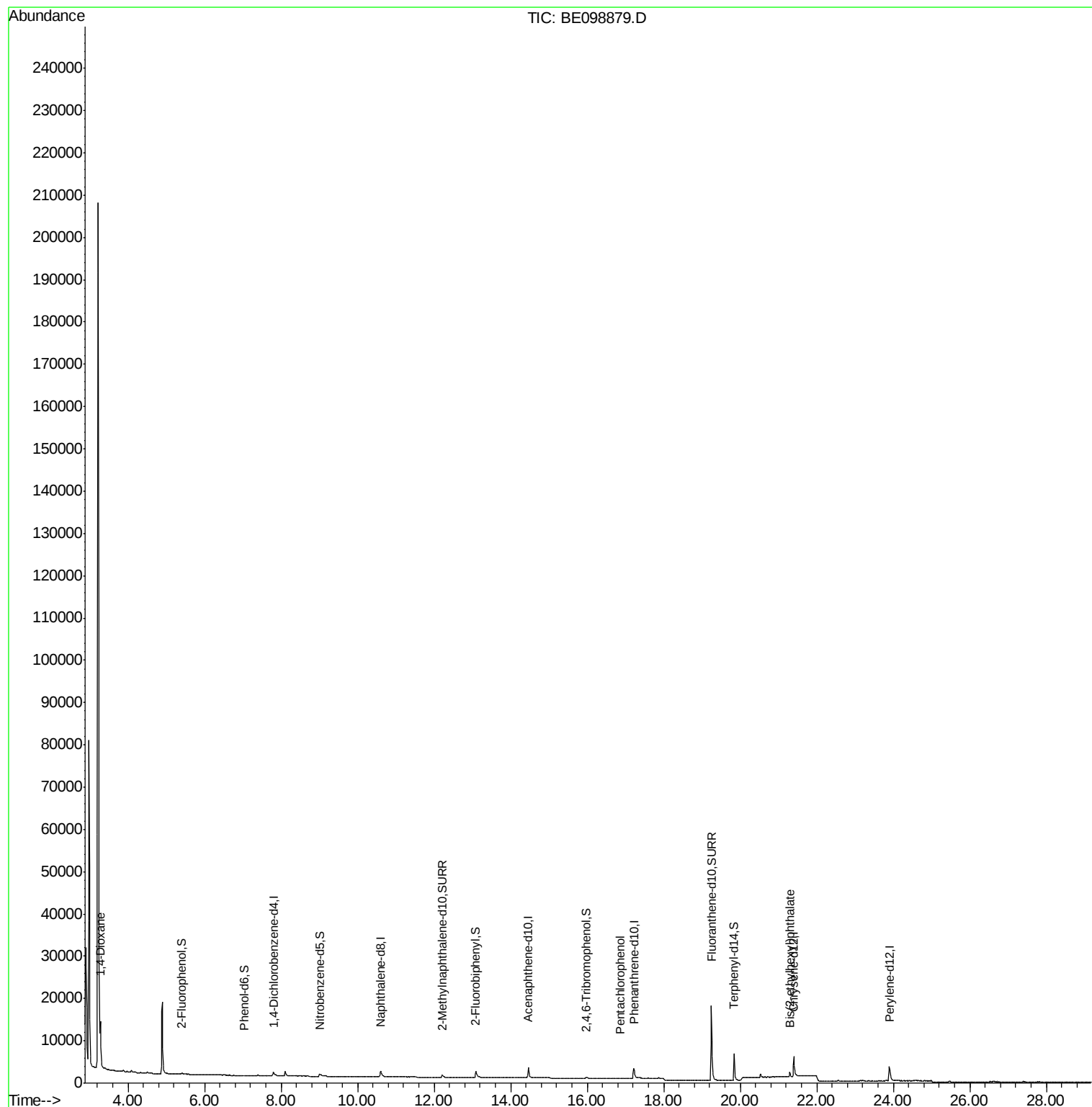
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	734	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3092	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2210	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5696	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6688	0.40	ng	0.00
34) Perylene-d12	23.90	264	6518	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	276	0.13	ng	0.01
5) Phenol-d6	7.03	99	182	0.06	ng	0.05
8) Nitrobenzene-d5	9.00	82	907	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2081	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	322	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3458	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	30991	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7453	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	5575	4.829	ng	96
22) Pentachlorophenol	16.87	266	8	0.271	ng	89
32) Bis(2-ethylhexyl)phthalate	21.29	149	1289	0.029	ng	# 98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031119\
Data File : BE098879.D
Acq On : 12 Mar 2019 2:53
Operator : JU/SJ
Sample : K1841-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE122D1-20190308

Quant Time: Mar 12 07:28:04 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



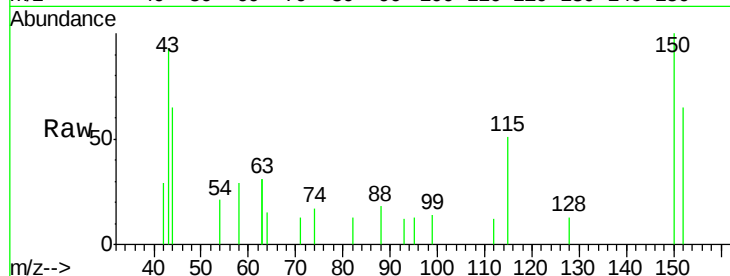


#1

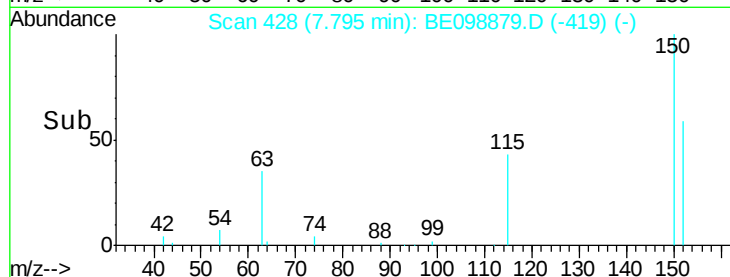
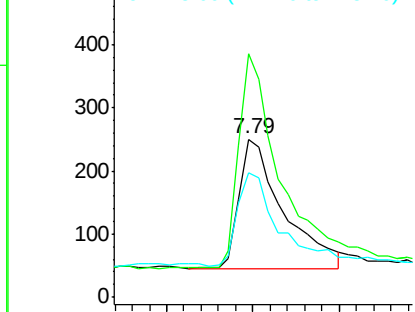
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098879.D
Acq: 12 Mar 2019 2:53

Instrument :
BNA_E
ClientSampleId :
RE122D1-20190308

Tgt Ion: 152 Resp: 734
Ion Ratio Lower Upper
152 100
150 154.4 122.5 183.7
115 79.2 57.4 86.2



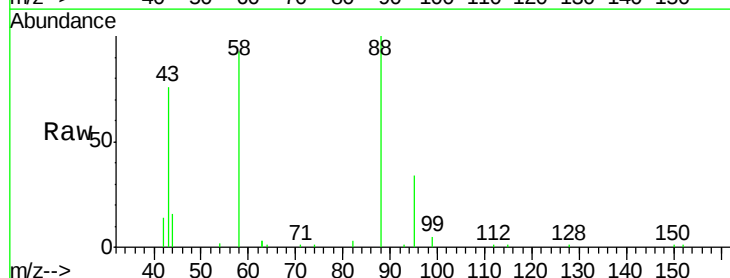
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



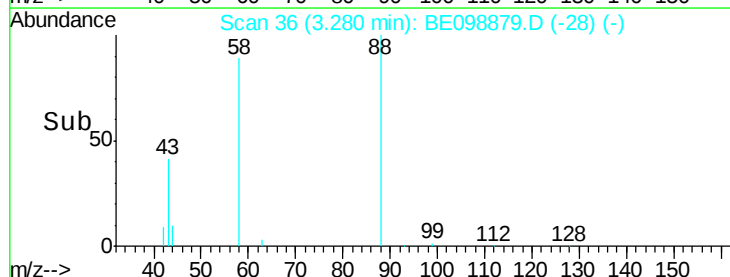
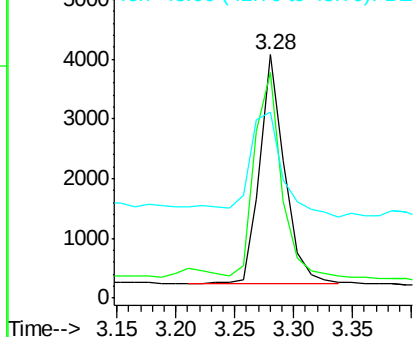
#2

1,4-Dioxane
Concen: 4.829 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098879.D
Acq: 12 Mar 2019 2:53

Tgt Ion: 88 Resp: 5575
Ion Ratio Lower Upper
88 100
58 95.2 75.8 113.6
43 60.2 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: 0.126 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

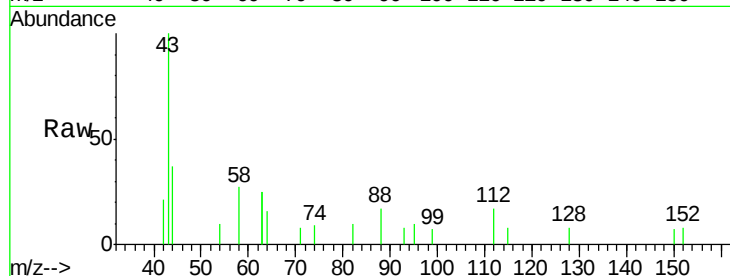
Tgt Ion: 112 Resp: 276

Ion Ratio Lower Upper

112 100

64 92.8 57.9 86.9#

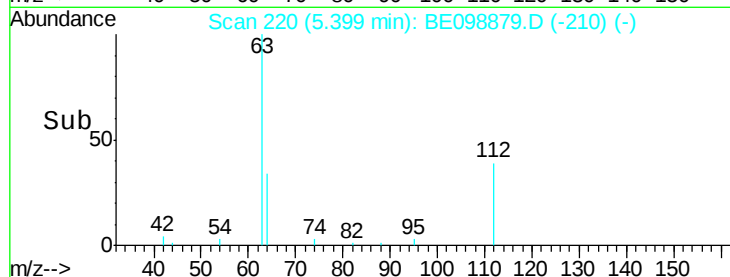
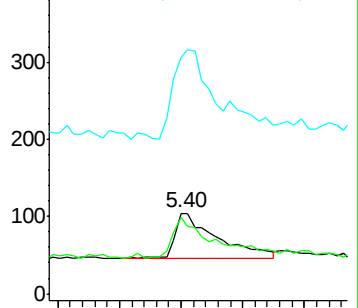
63 161.2 158.3 237.5



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: 0.059 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

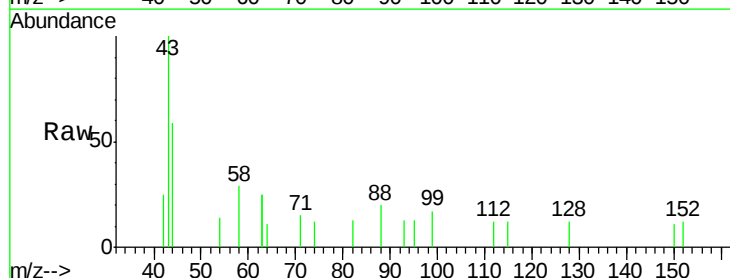
Tgt Ion: 99 Resp: 182

Ion Ratio Lower Upper

99 100

42 8.2 24.2 36.2#

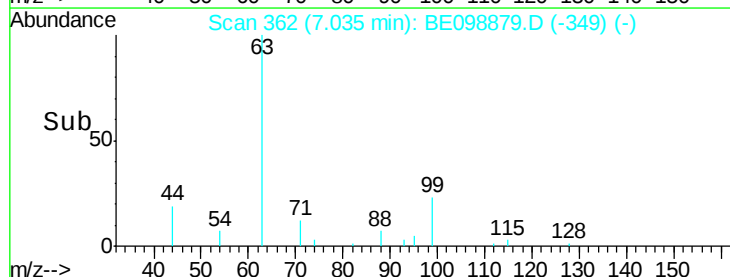
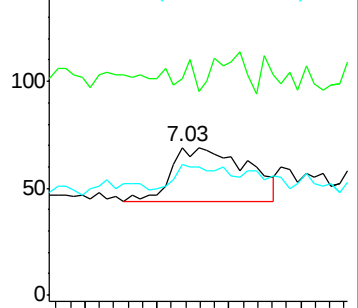
71 31.9 35.7 53.5#



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: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

Tgt Ion: 136 Resp: 3092

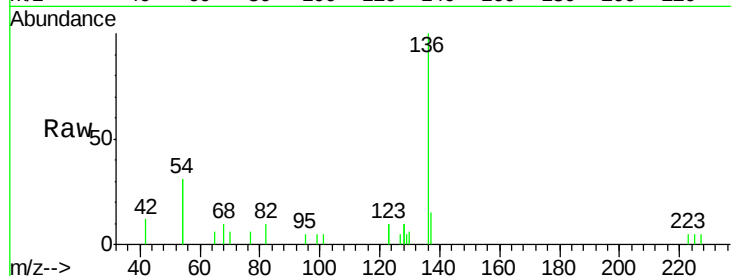
Ion Ratio Lower Upper

136 100

137 14.8 11.4 17.0

54 61.8 39.3 58.9#

68 9.7 6.7 10.1

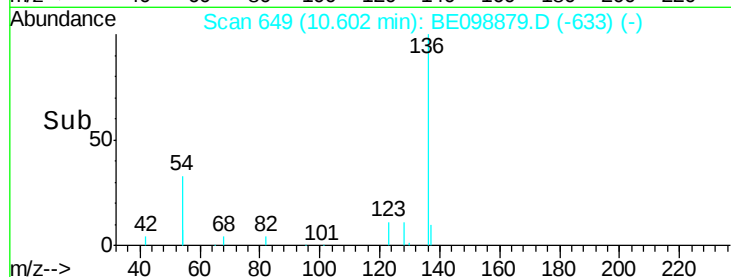
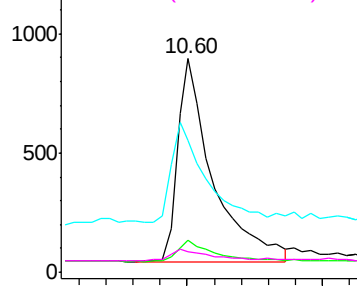


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.280 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

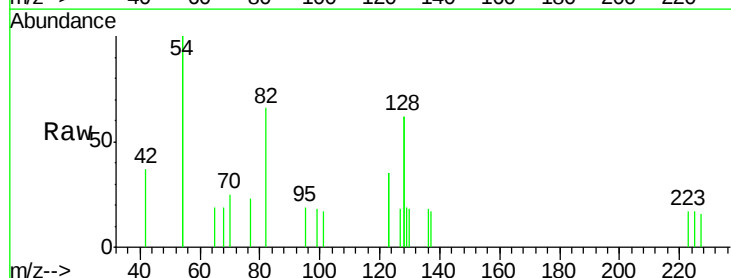
Tgt Ion: 82 Resp: 907

Ion Ratio Lower Upper

82 100

128 187.6 123.8 185.8#

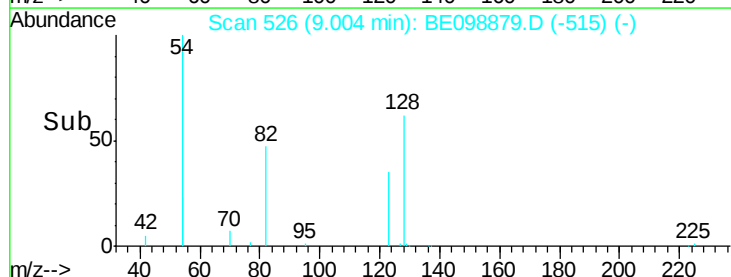
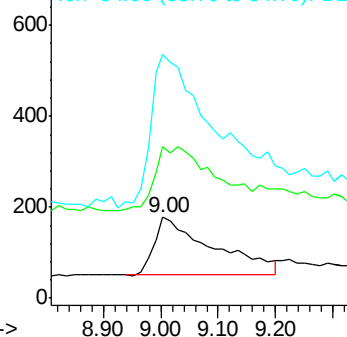
54 302.8 203.4 305.2



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: 0.364 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

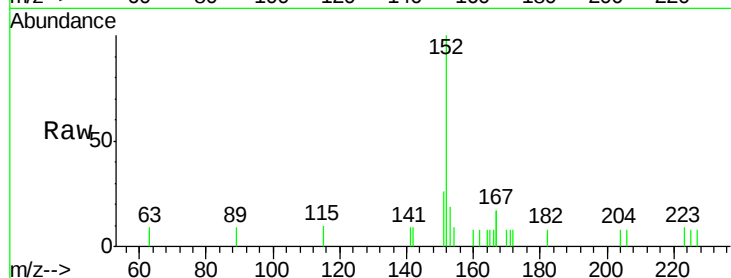
RE122D1-20190308

Tgt Ion:152 Resp: 2081

Ion Ratio Lower Upper

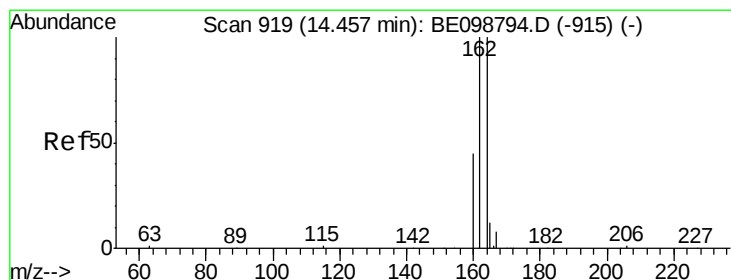
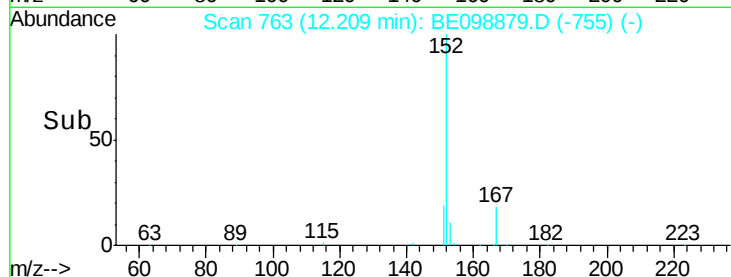
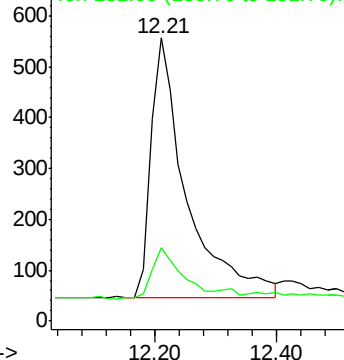
152 100

151 16.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

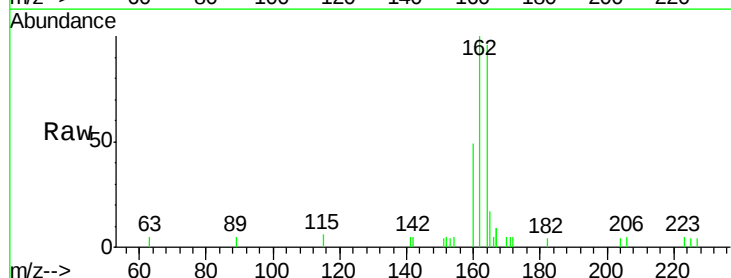
Tgt Ion:164 Resp: 2210

Ion Ratio Lower Upper

164 100

162 104.6 80.2 120.2

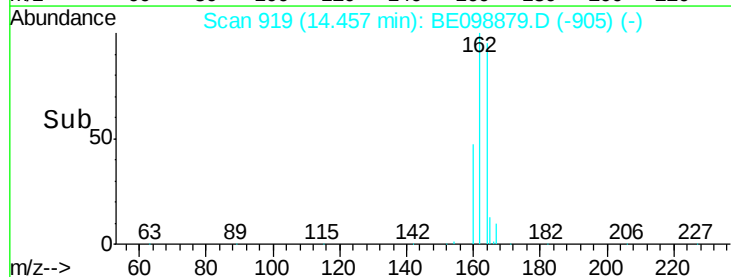
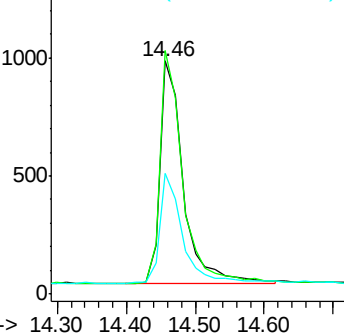
160 51.6 37.8 56.8



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

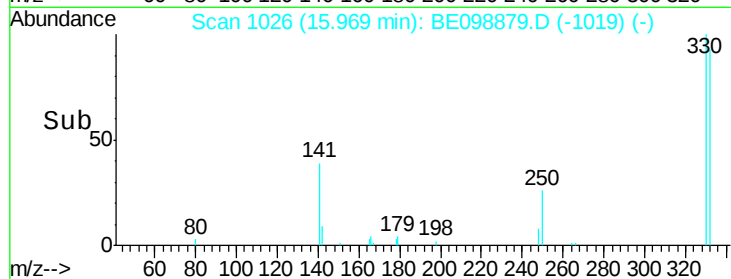
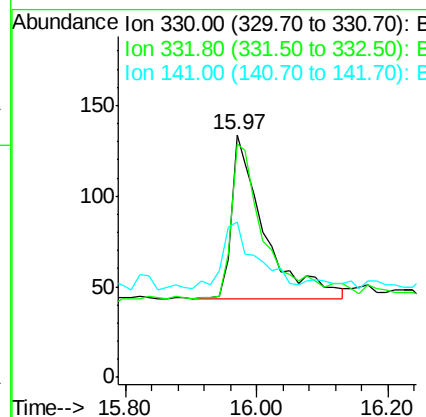
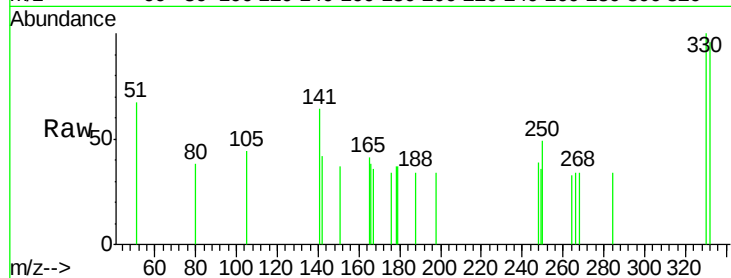




#14
 2,4,6-Tribromophenol
 Concen: 0.289 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098879.D
 Acq: 12 Mar 2019 2:53

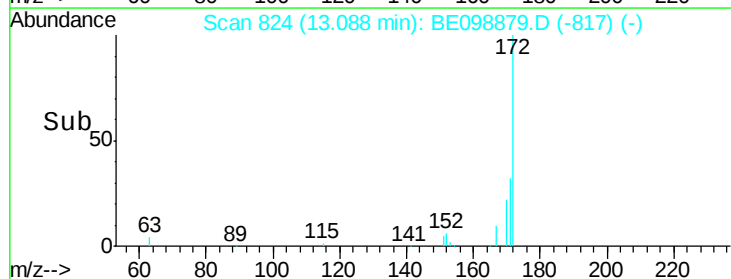
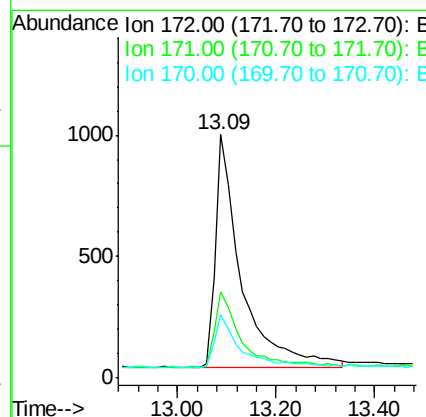
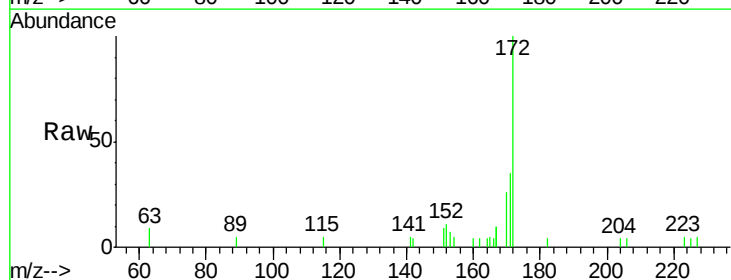
Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20190308

Tgt Ion: 330 Resp: 322
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.6 116.4
 141 41.3 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.378 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098879.D
 Acq: 12 Mar 2019 2:53

Tgt Ion: 172 Resp: 3458
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.0 42.0
 170 25.8 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: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

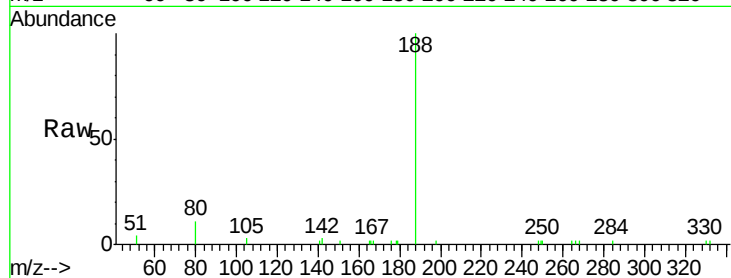
Tgt Ion:188 Resp: 5696

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 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

17.21

2000

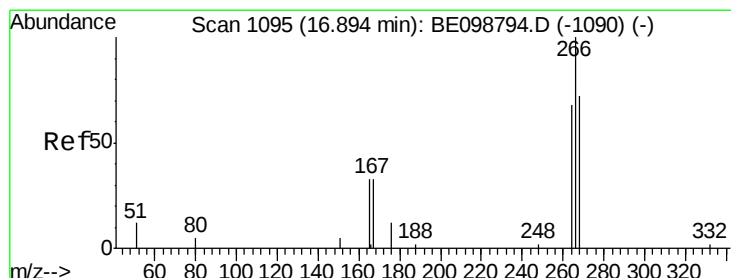
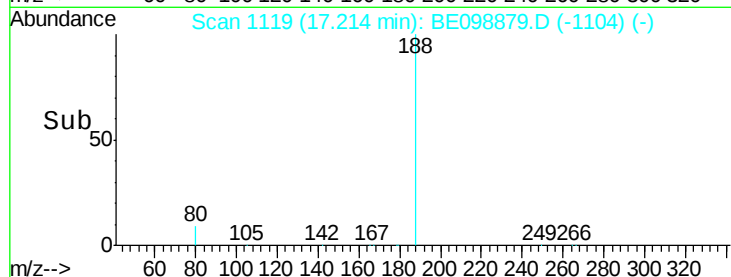
1500

1000

500

0

Time--> 17.00 17.20 17.40



#22

Pentachlorophenol

Concen: 0.271 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

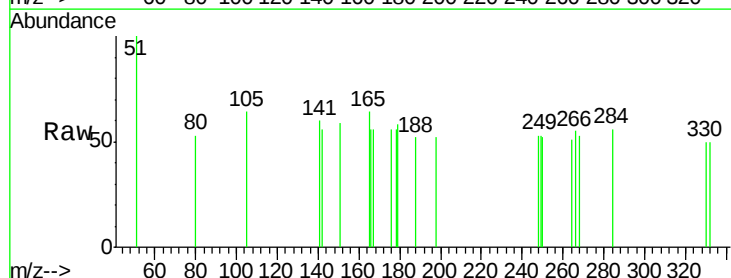
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 93.6 66.6 100.0

268 97.9 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

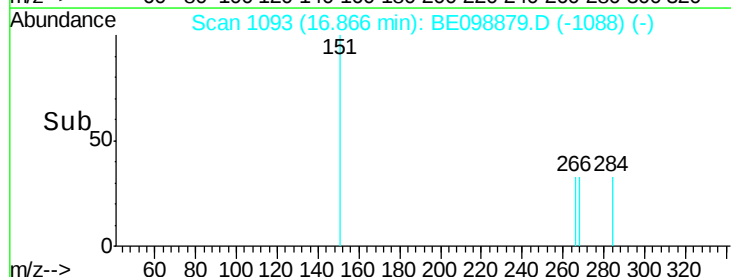
60

40

20

0

Time--> 16.85 16.90





#25

Fluoranthene-d10

Concen: 0.341 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

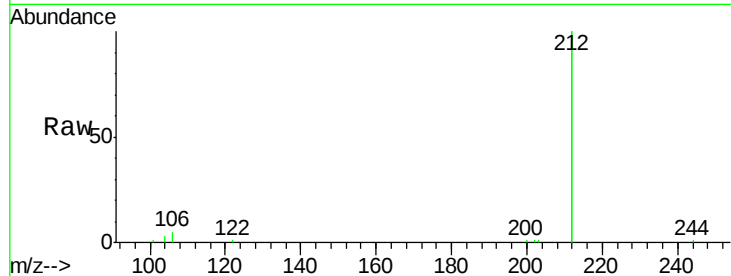
Tgt Ion:212 Resp: 30991

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

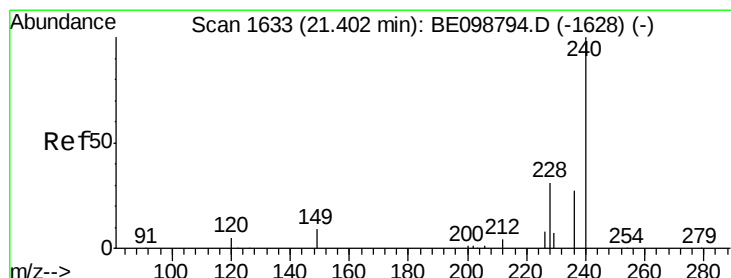
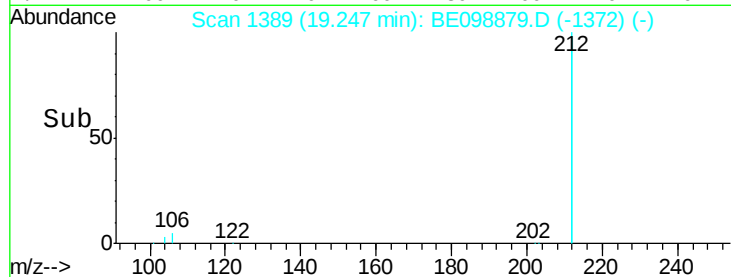
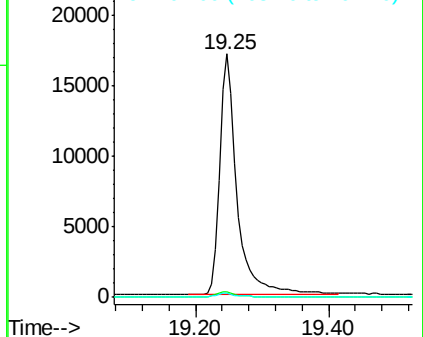
104 1.4 1.0 1.6



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

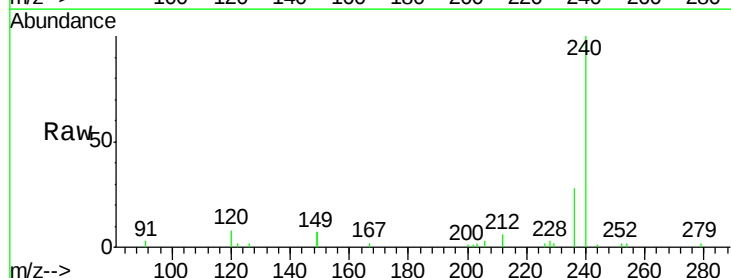
Tgt Ion:240 Resp: 6688

Ion Ratio Lower Upper

240 100

120 7.6 5.0 7.4#

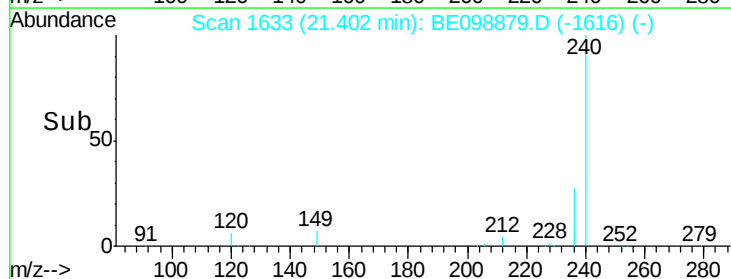
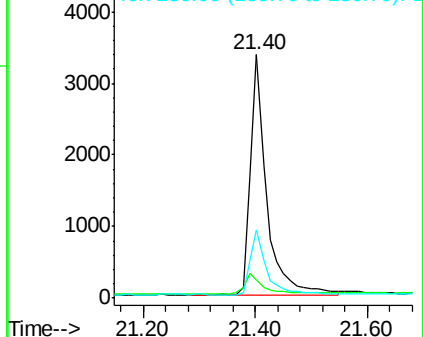
236 28.1 22.7 34.1



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: 0.459 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

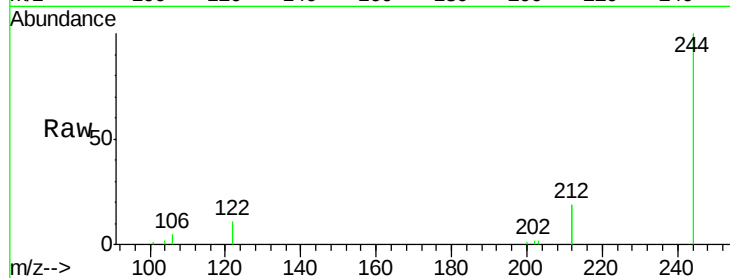
Tgt Ion:244 Resp: 7453

Ion Ratio Lower Upper

244 100

212 38.7 29.4 44.2

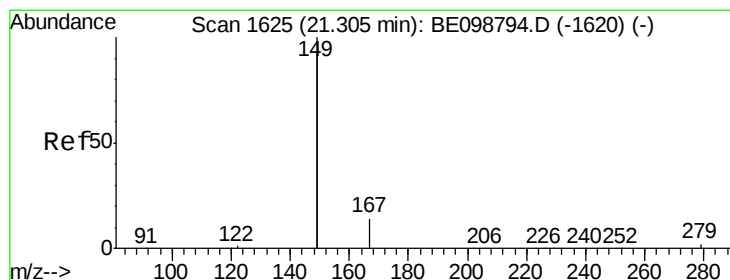
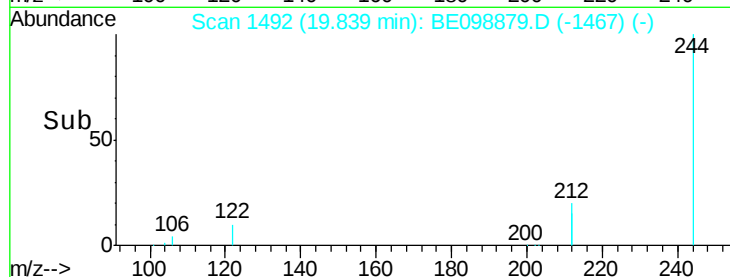
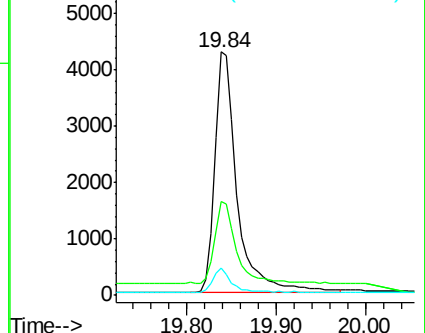
122 11.2 7.1 10.7#



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: 0.029 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098879.D

Acq: 12 Mar 2019 2:53

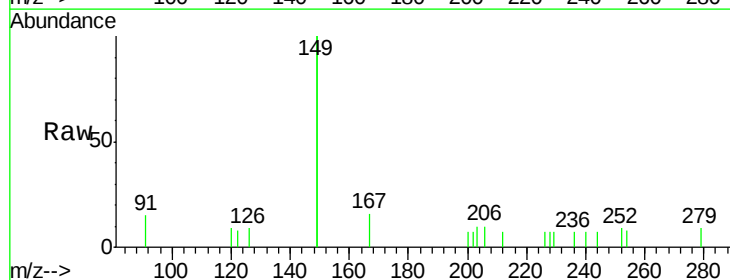
Tgt Ion:149 Resp: 1289

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

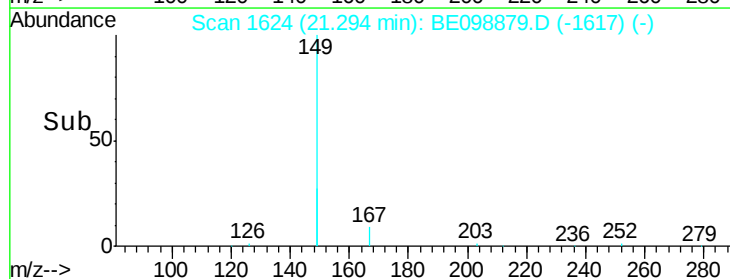
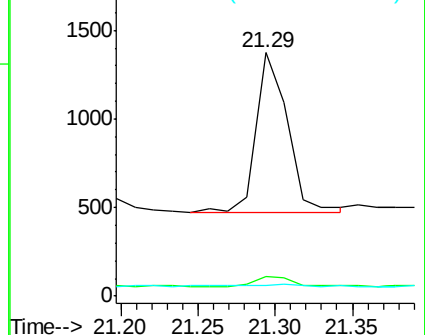
279 1.8 1.0 1.4#

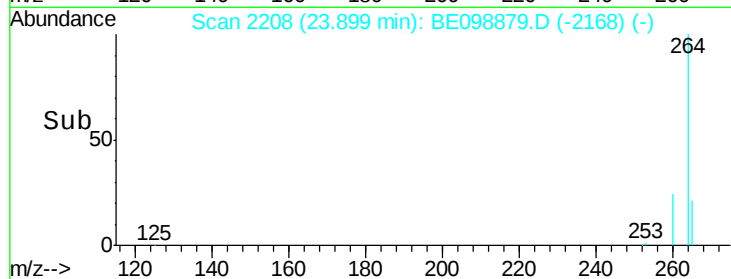
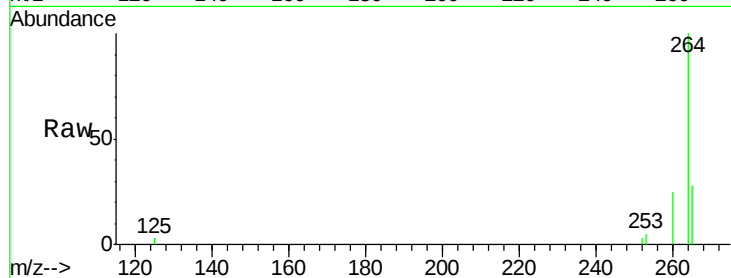


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098879.D

Acq: 12 Mar 2019 2:53

Instrument :

BNA_E

ClientSampleId :

RE122D1-20190308

Tgt Ion:264 Resp: 6518

Ion Ratio Lower Upper

264 100

260 25.1 21.2 31.8

265 27.6 24.6 36.8

