

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE030819\
 Data File : BE098851.D
 Acq On : 9 Mar 2019 2:45
 Operator : JU/SJ
 Sample : K1793-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20190306

Quant Time: Mar 09 03:52:39 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

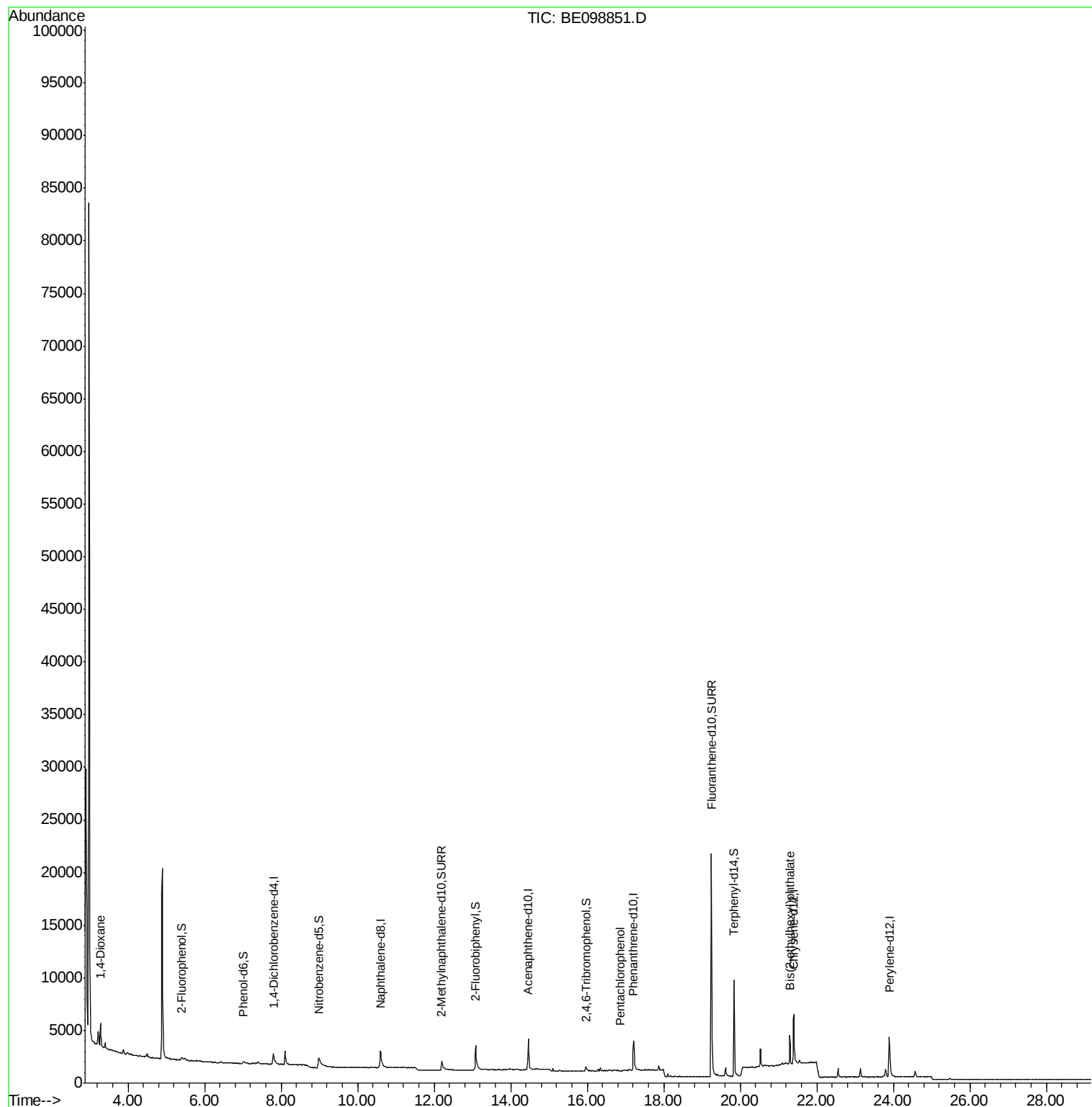
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	766	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3119	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2159	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5800	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6835	0.40	ng	0.00
34) Perylene-d12	23.90	264	6795	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	310	0.14	ng	0.01
5) Phenol-d6	7.01	99	266	0.08	ng	0.03
8) Nitrobenzene-d5	8.99	82	1146	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.20	152	2155	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	414	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3796	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	32801	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	8541	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	1222	0.932	ng	Qvalue # 79
22) Pentachlorophenol	16.87	266	3	0.267	ng	83
32) Bis(2-ethylhexyl)phthalate	21.29	149	3440	0.076	ng	99

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

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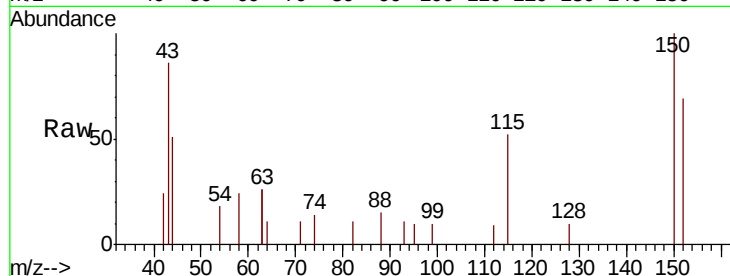


#1

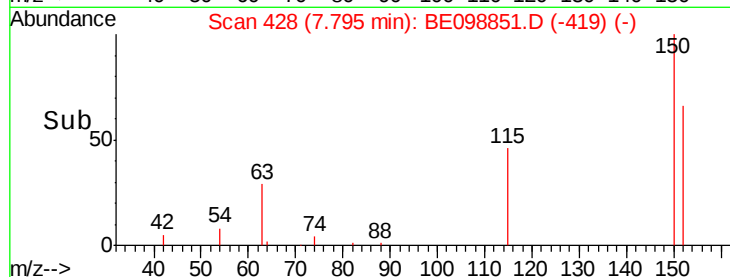
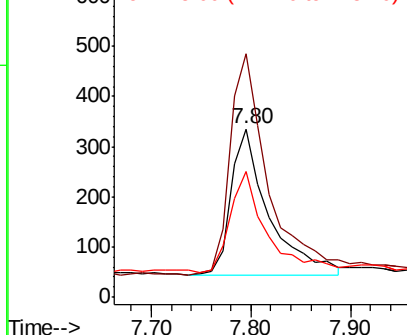
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

Instrument :
BNA_E
ClientSampleId :
RE126D3-20190306

Tot Ion:152 Resp: 766
Ion Ratio Lower Upper
152 100
150 144.8 122.5 183.7
115 74.6 57.4 86.2



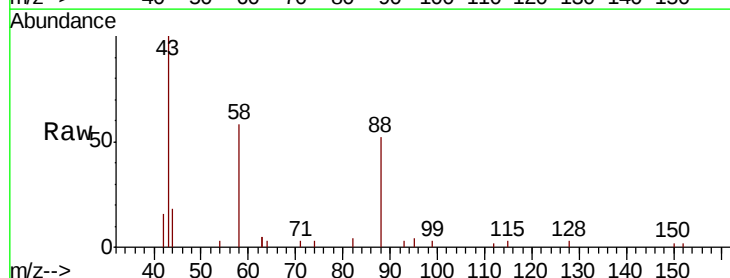
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



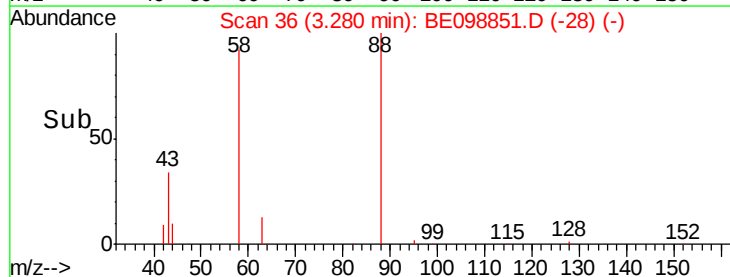
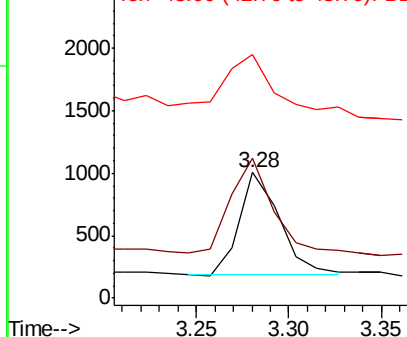
#2

1,4-Dioxane
Concen: 0.932 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

Tgt Ion: 88 Resp: 1222
Ion Ratio Lower Upper
88 100
58 99.3 75.8 113.6
43 88.2 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: 0.135 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190306

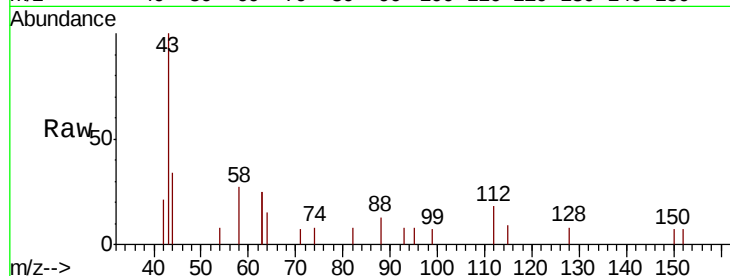
Tot Ion:112 Resp: 310

Ion Ratio Lower Upper

112 100

64 89.0 57.9 86.9#

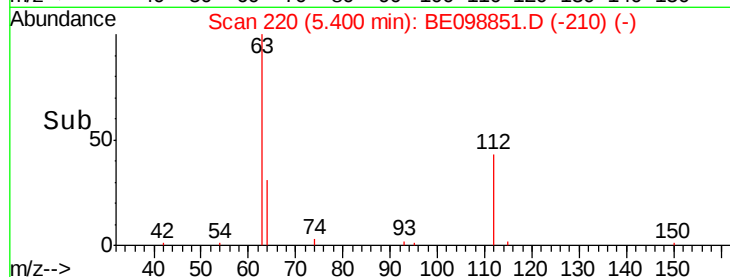
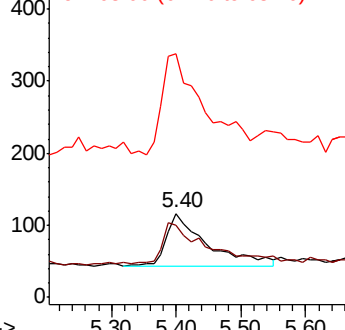
63 206.8 158.3 237.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.082 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

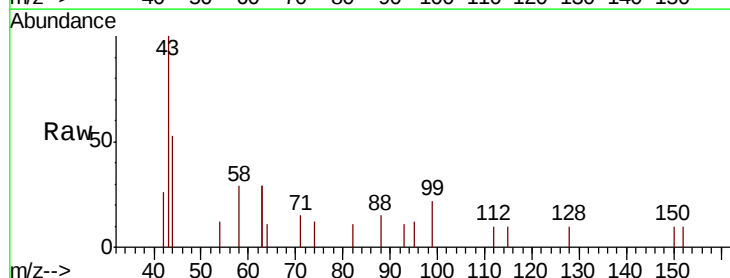
Tgt Ion: 99 Resp: 266

Ion Ratio Lower Upper

99 100

42 36.8 24.2 36.2#

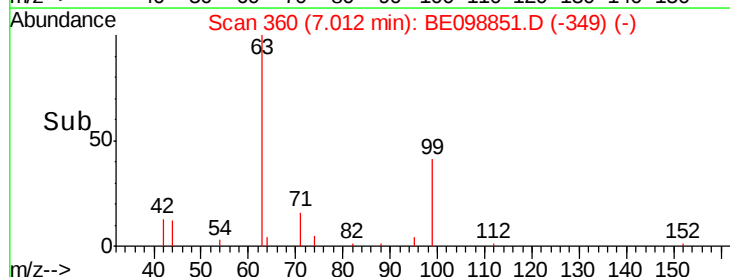
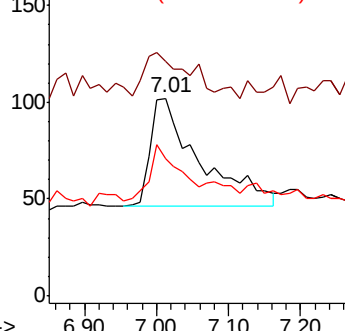
71 30.8 35.7 53.5#



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: BE098851.D

Acq: 9 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190306

Tot Ion:136 Resp: 3119

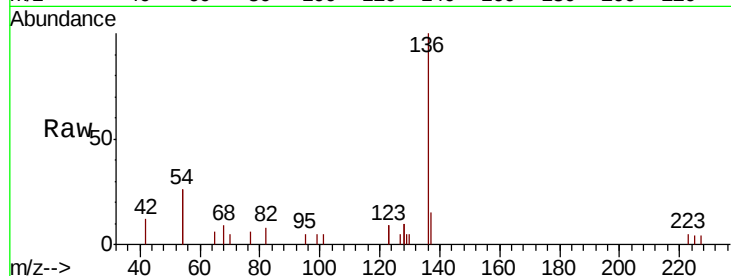
Ion Ratio Lower Upper

136 100

137 14.9 11.4 17.0

54 51.9 39.3 58.9

68 9.0 6.7 10.1

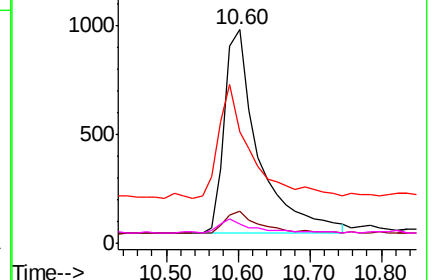
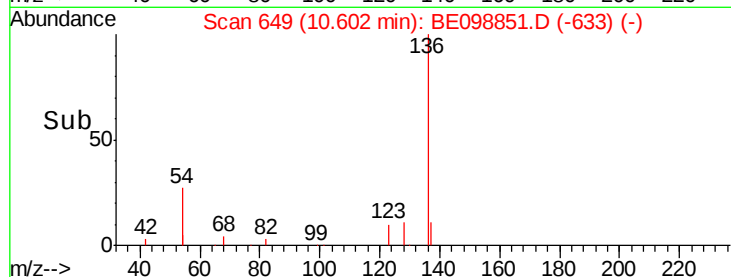


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

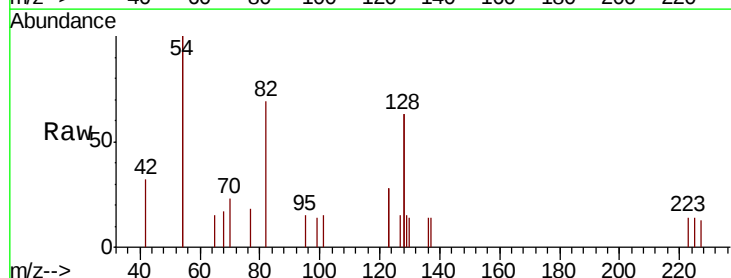
Tgt Ion: 82 Resp: 1146

Ion Ratio Lower Upper

82 100

128 183.3 123.8 185.8

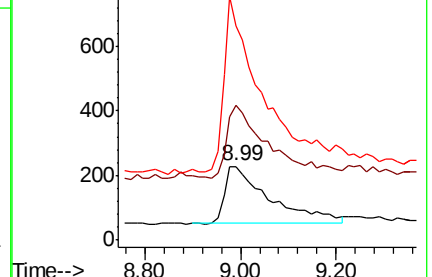
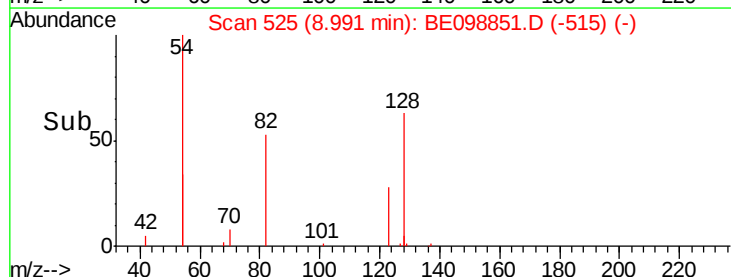
54 291.2 203.4 305.2



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

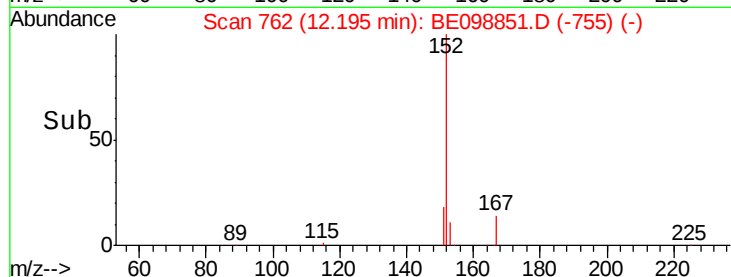
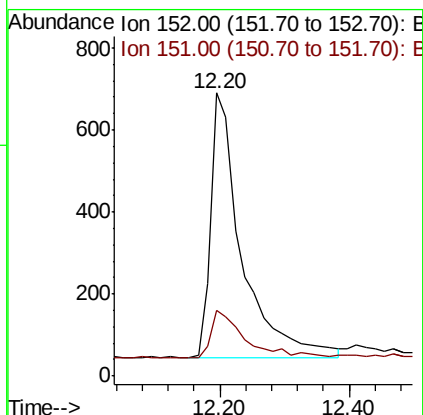
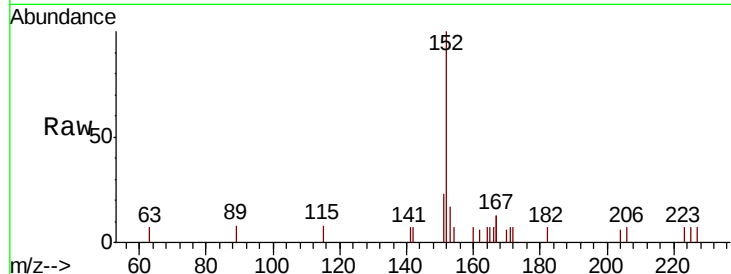




#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.20 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

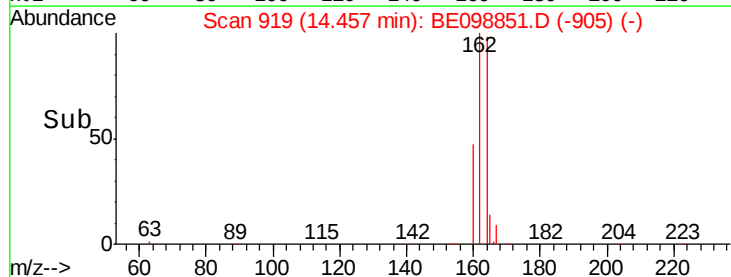
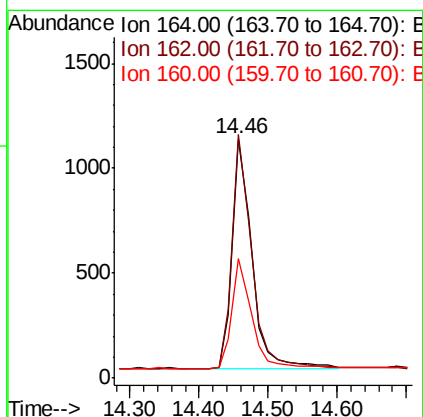
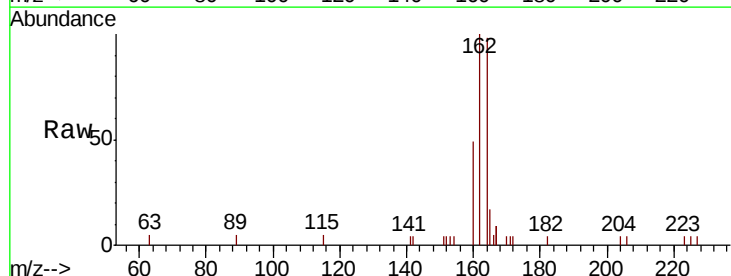
Instrument :
BNA_E
ClientSampleId :
RE126D3-20190306

Tot Ion:152 Resp: 2155
Ion Ratio Lower Upper
152 100
151 19.1 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: BE098851.D
Acq: 9 Mar 2019 2:45

Tgt Ion:164 Resp: 2159
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 50.2 37.8 56.8

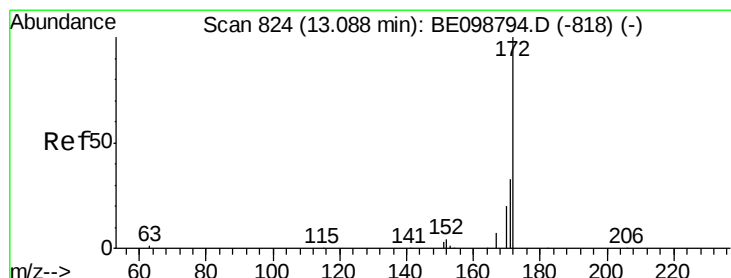
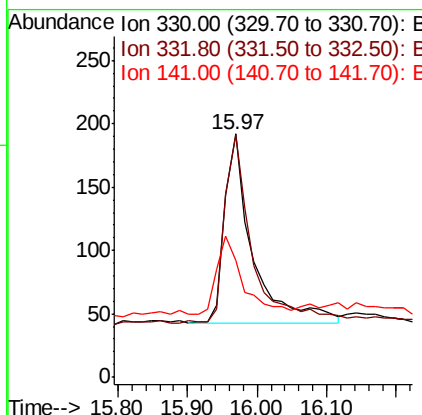
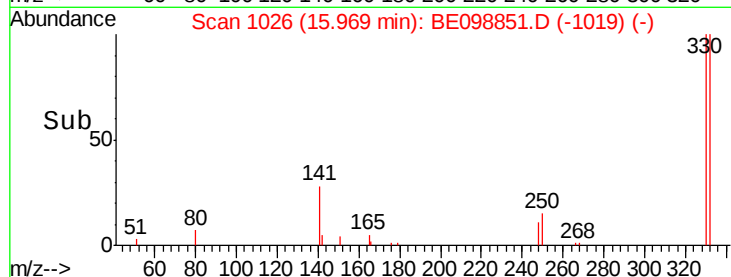
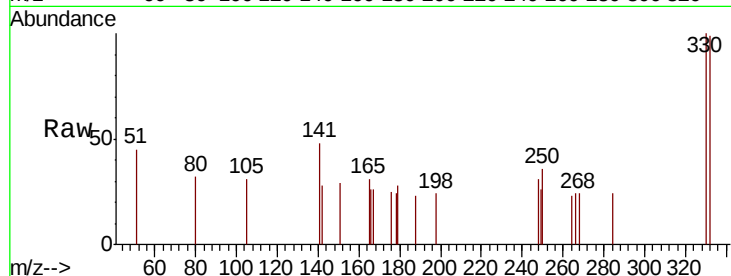




#14
 2,4,6-Tribromophenol
 Concen: 0.380 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098851.D
 Acq: 9 Mar 2019 2:45

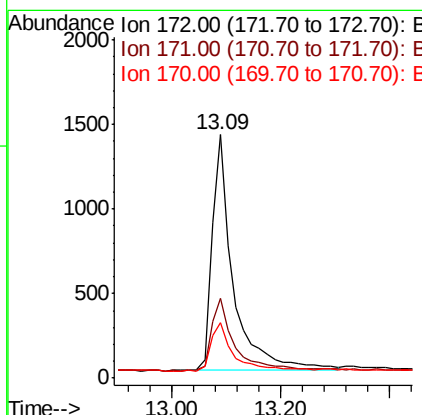
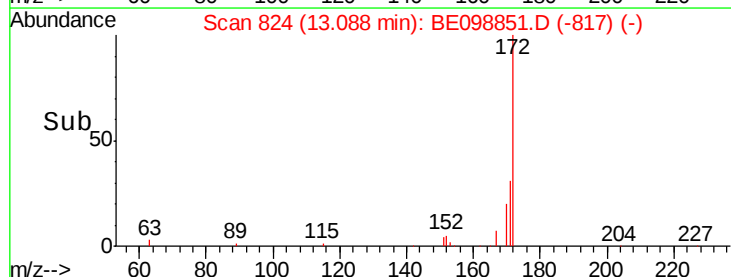
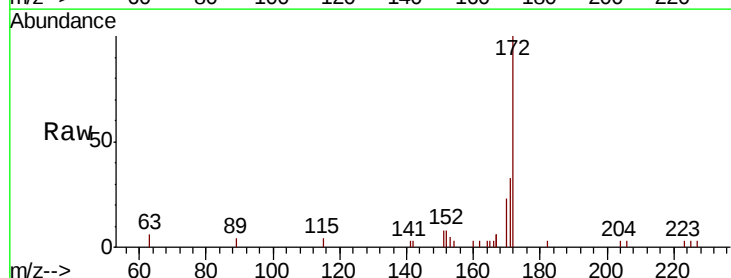
Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20190306

Tot Ion:330 Resp: 414
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.6 116.4
 141 38.2 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.425 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098851.D
 Acq: 9 Mar 2019 2:45

Tgt Ion:172 Resp: 3796
 Ion Ratio Lower Upper
 172 100
 171 33.0 28.0 42.0
 170 22.7 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: BE098851.D

Acq: 9 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190306

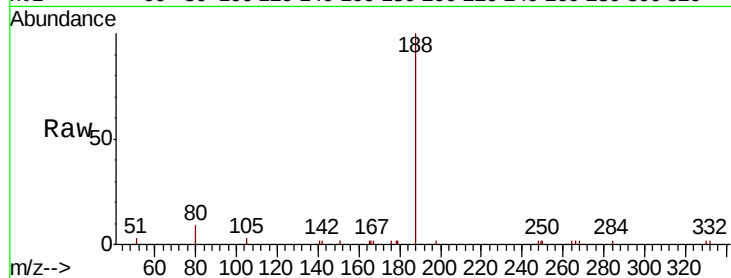
Tot Ion:188 Resp: 5800

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

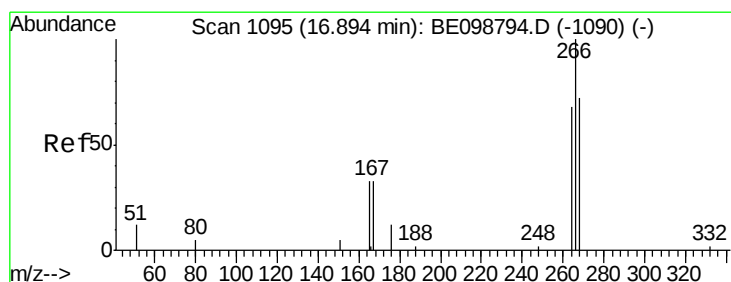
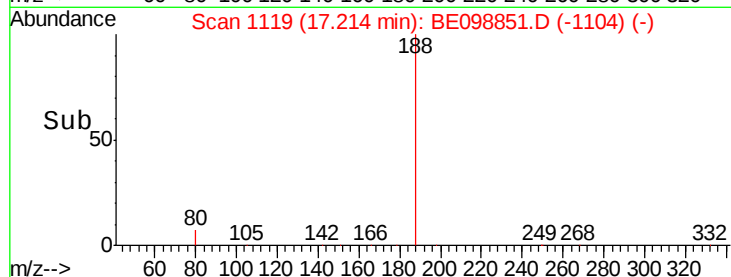
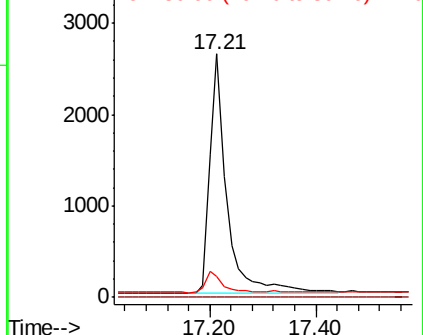
80 8.7 6.3 9.5



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: 0.267 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

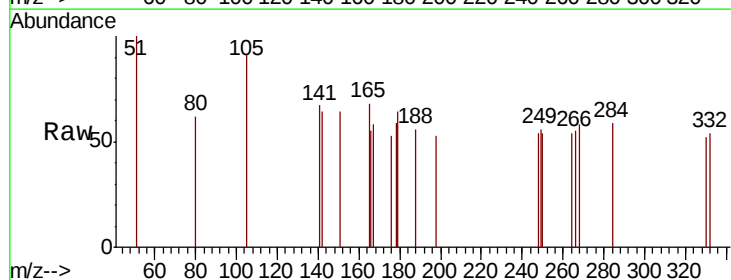
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 97.9 66.6 100.0

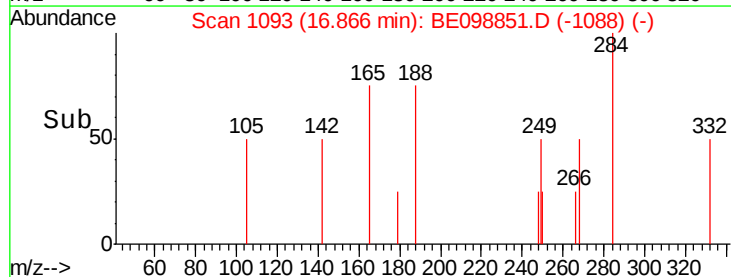
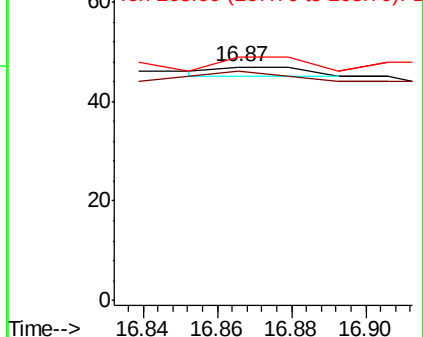
268 104.3 69.8 104.8

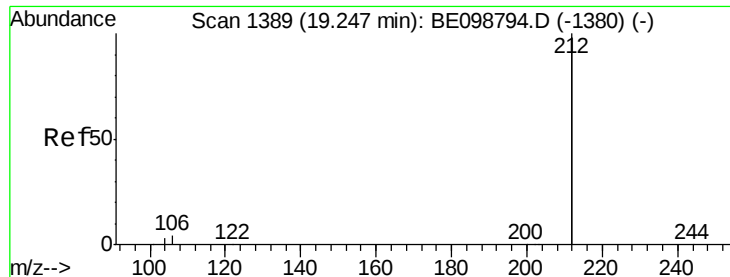


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

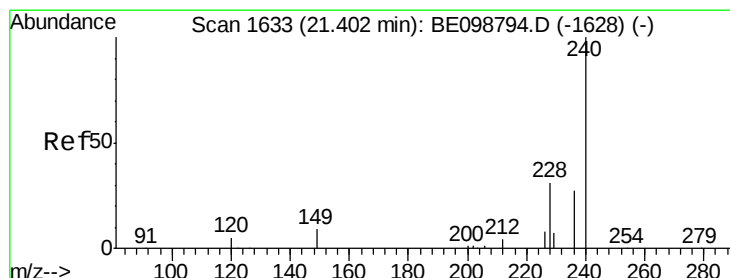
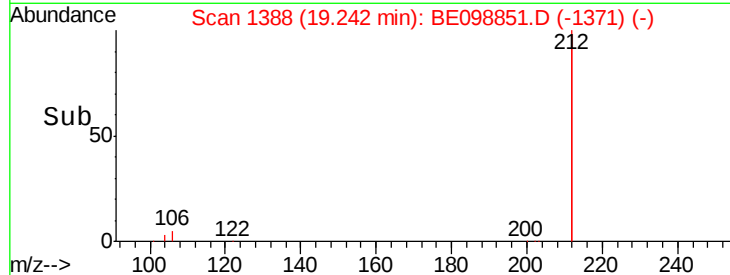
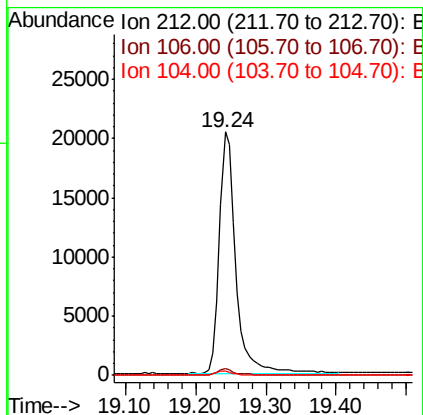
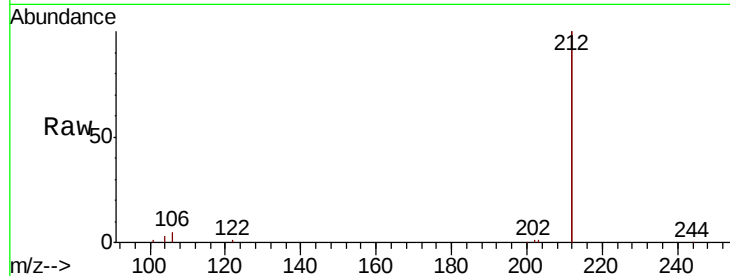




#25
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

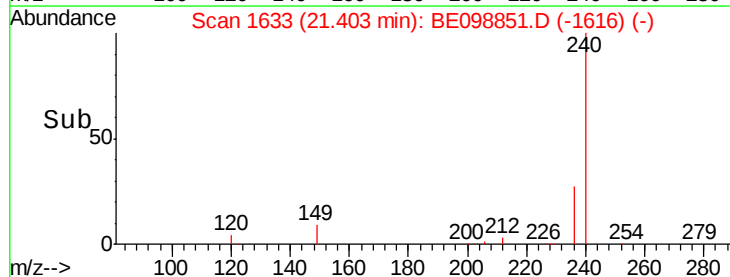
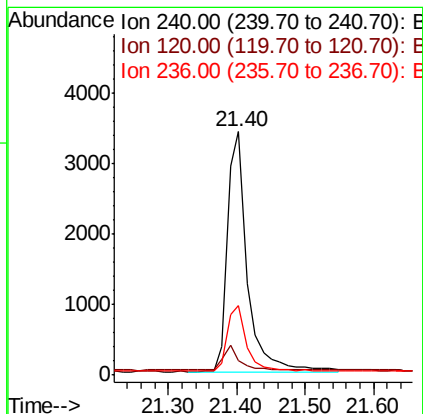
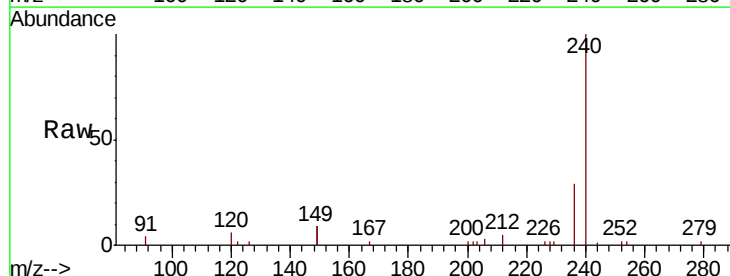
Instrument :
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RE126D3-20190306

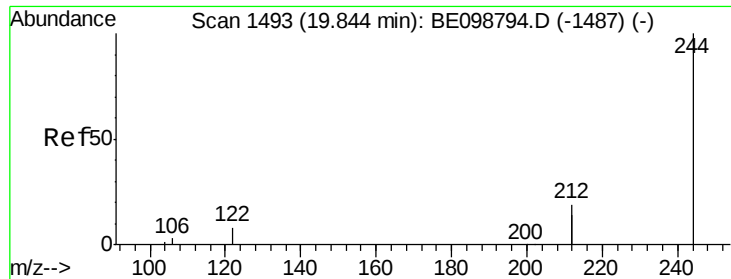
Tot Ion:212 Resp: 32801
Ion Ratio Lower Upper
212 100
106 2.4 1.8 2.8
104 1.4 1.0 1.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

Tgt Ion:240 Resp: 6835
Ion Ratio Lower Upper
240 100
120 6.0 5.0 7.4
236 28.7 22.7 34.1





#29

Terphenyl-d14

Concen: 0.514 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

RE126D3-20190306

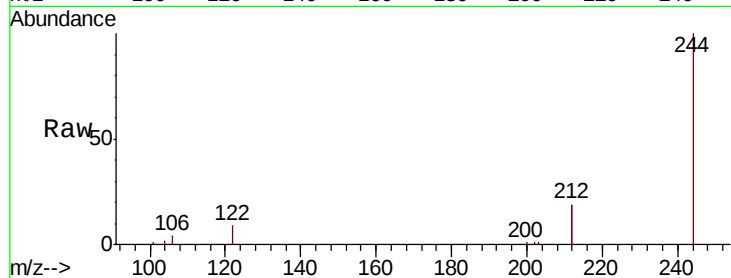
Tot Ion:244 Resp: 8541

Ion Ratio Lower Upper

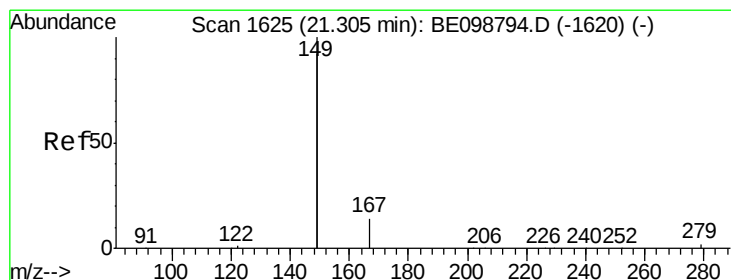
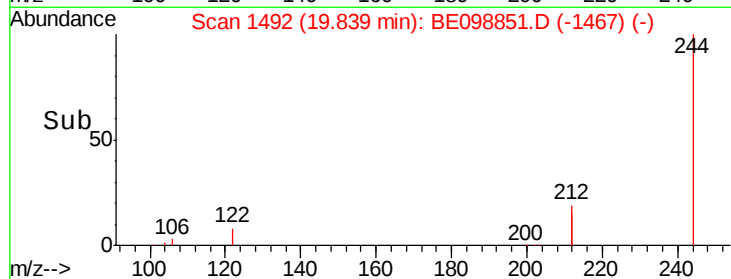
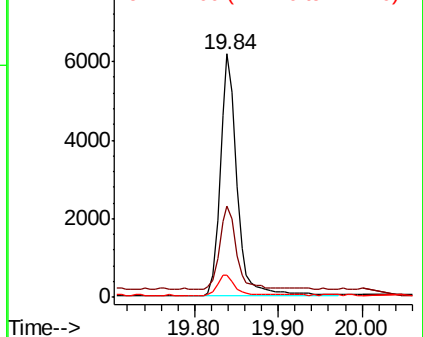
244 100

212 37.7 29.4 44.2

122 9.2 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: 0.076 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098851.D

Acq: 9 Mar 2019 2:45

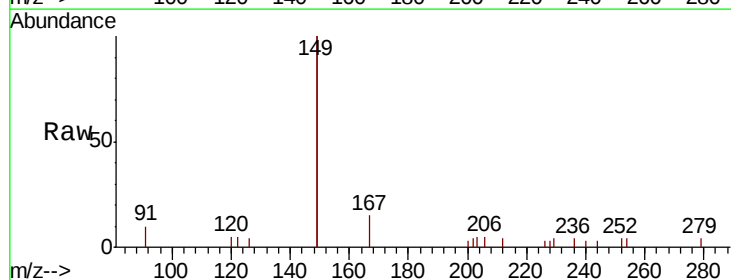
Tgt Ion:149 Resp: 3440

Ion Ratio Lower Upper

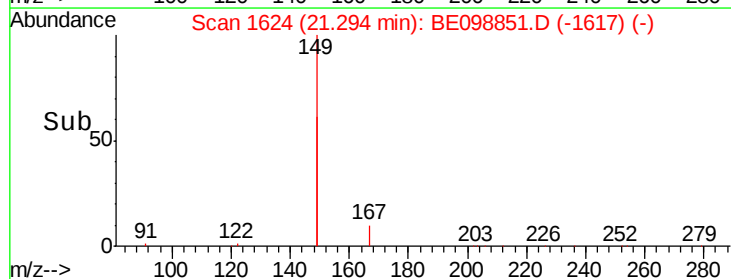
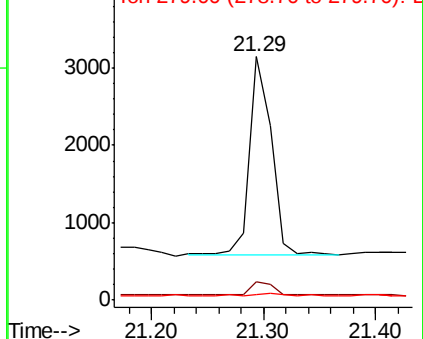
149 100

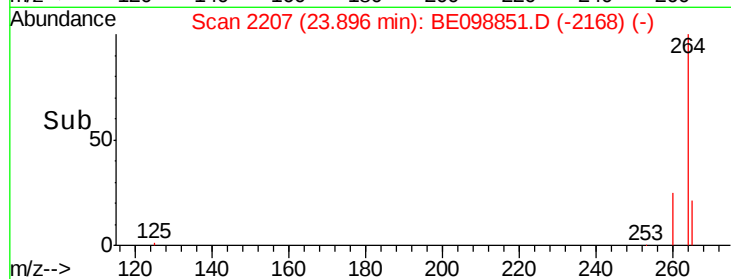
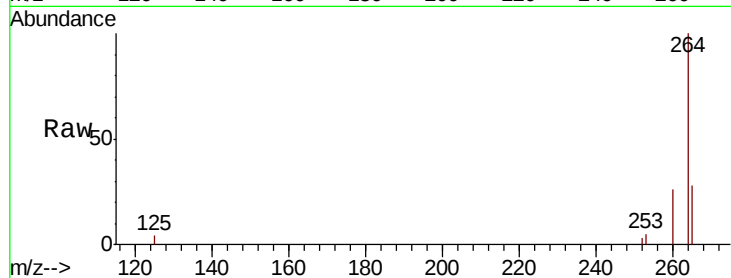
167 7.0 5.4 8.0

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
Pervlene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098851.D
Acq: 9 Mar 2019 2:45

Instrument :
BNA_E
ClientSampleId :
RE126D3-20190306

Tot Ion:264 Resp: 6795
Ion Ratio Lower Upper
264 100
260 26.3 21.2 31.8
265 28.3 24.6 36.8

