

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099022.D
 Acq On : 19 Mar 2019 4:49
 Operator : JU/SJ
 Sample : K1945-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M4-T2-OZ(POST)

Quant Time: Mar 19 09:05:45 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

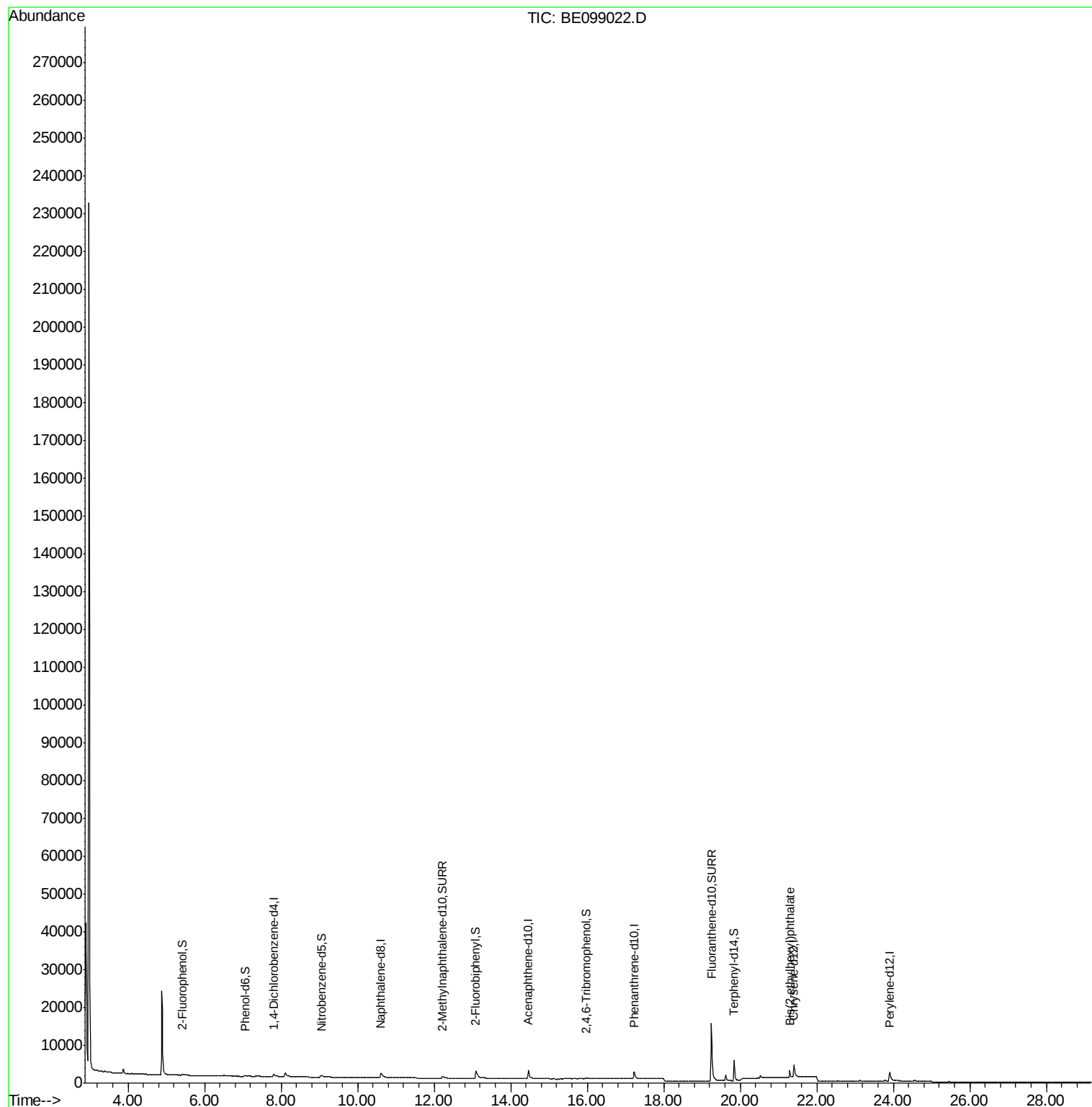
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	645	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3016	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2334	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5062	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5986	0.40	ng	0.00
34) Perylene-d12	23.90	264	5491	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	307	0.16	ng	0.02
5) Phenol-d6	7.06	99	204	0.07	ng	0.07
8) Nitrobenzene-d5	9.06	82	906	0.29	ng	0.09
11) 2-Methylnaphthalene-d10	12.22	152	2210	0.40	ng	0.03
14) 2,4,6-Tribromophenol	15.98	330	363	0.31	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	5205	0.54	ng	0.00
25) Fluoranthene-d10	19.25	212	32144	0.40	ng	0.00
29) Terphenyl-d14	19.84	244	6944	0.48	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.29	149	2013	0.051	ng	# 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. 0.01 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

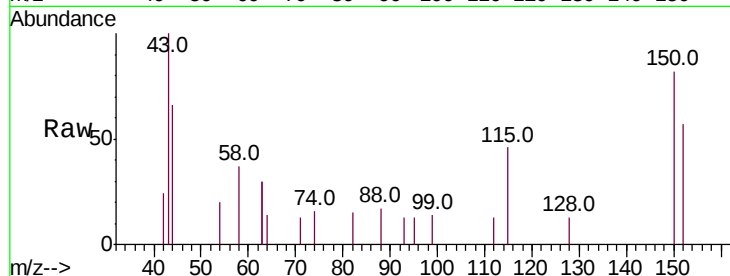
Tot Ion:152 Resp: 645

Ion Ratio Lower Upper

152 100

150 143.5 122.5 183.7

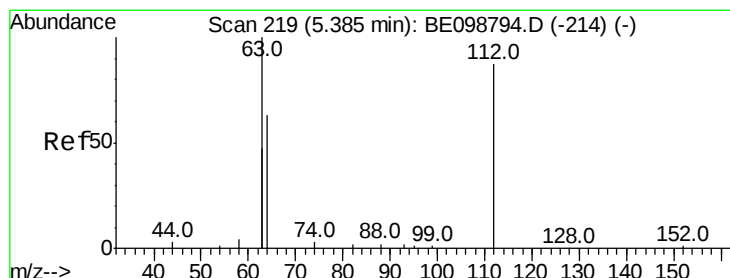
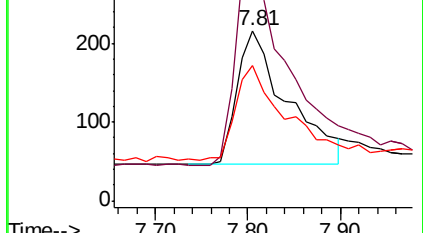
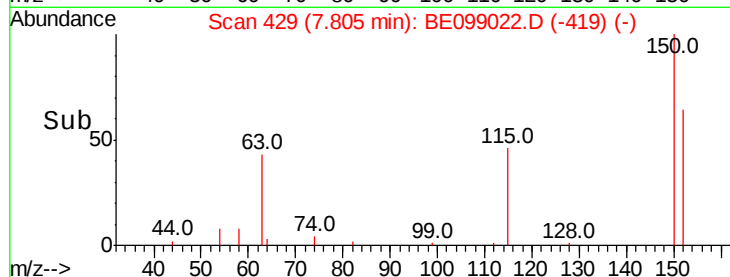
115 79.6 57.4 86.2



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



#4

2-Fluorophenol

Concen: 0.159 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.02 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

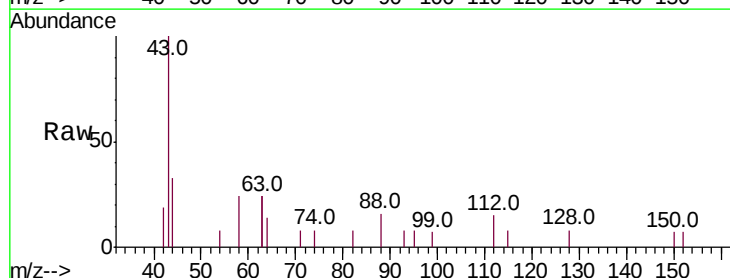
Tgt Ion:112 Resp: 307

Ion Ratio Lower Upper

112 100

64 87.3 57.9 86.9#

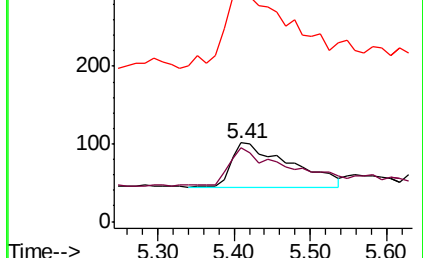
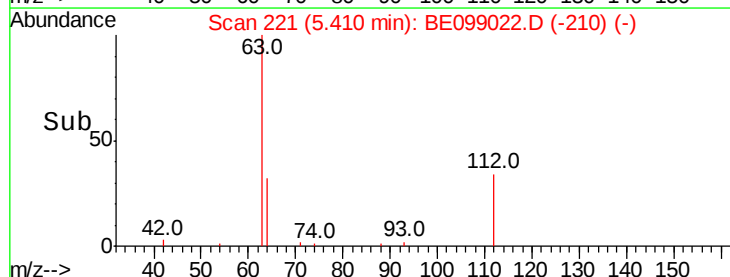
63 224.1 158.3 237.5

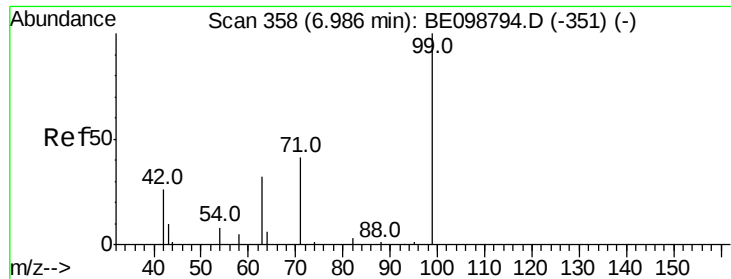


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.075 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

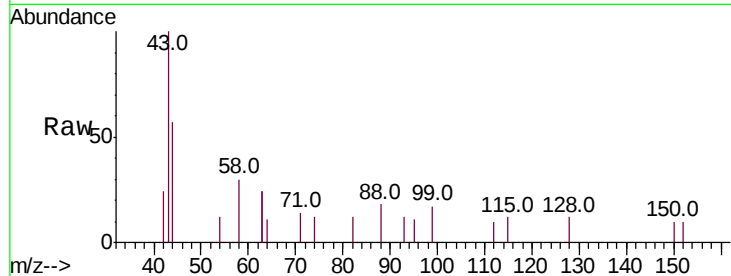
Tot Ion: 99 Resp: 204

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

71 0.0 35.7 53.5#

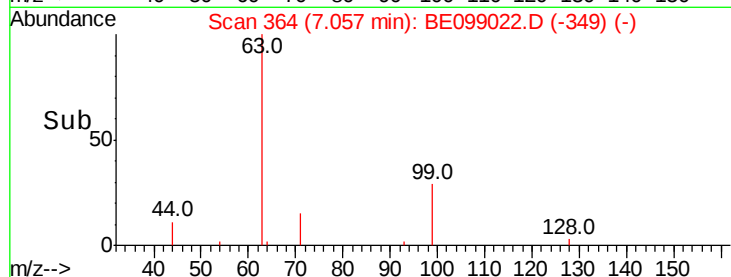


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->

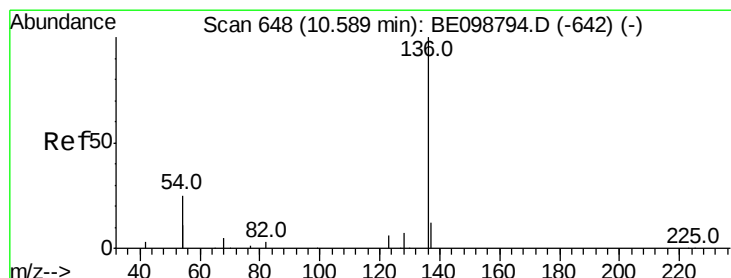


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Tgt Ion: 136 Resp: 3016

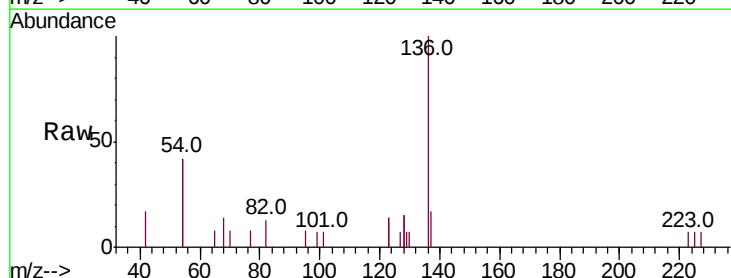
Ion Ratio Lower Upper

136 100

137 16.9 11.4 17.0

54 83.7 39.3 58.9#

68 14.5 6.7 10.1#



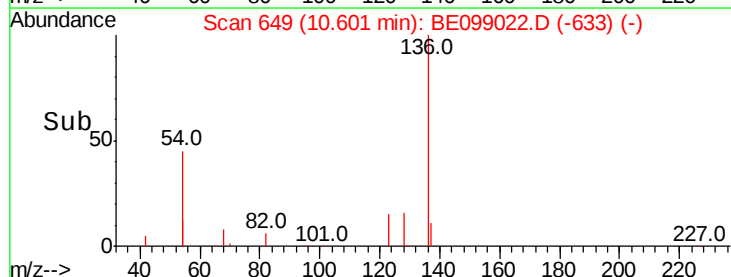
Abundance Ion 136.00 (135.70 to 136.70): E

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-->



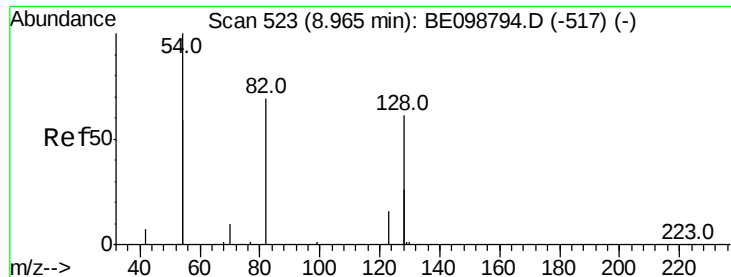
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.286 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

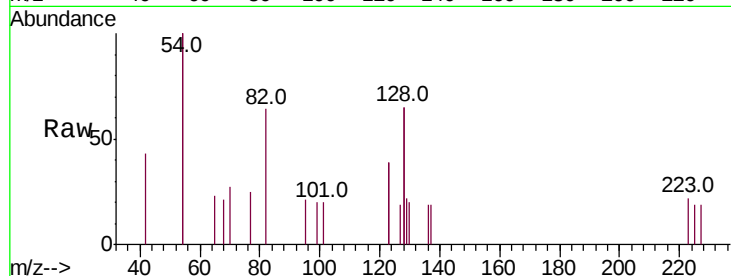
Tot Ion: 82 Resp: 906

Ion Ratio Lower Upper

82 100

128 202.6 123.8 185.8#

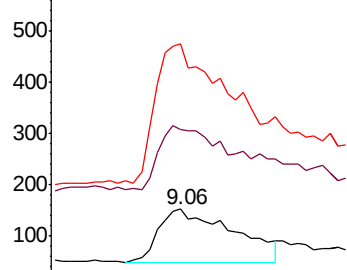
54 311.8 203.4 305.2#



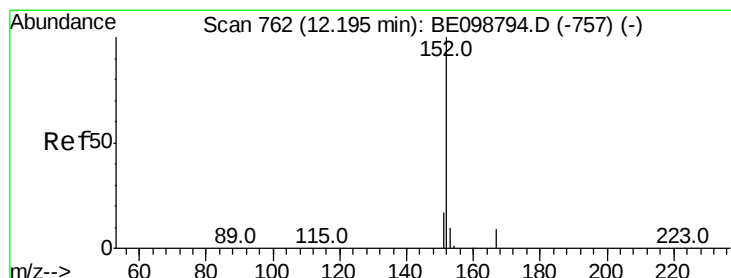
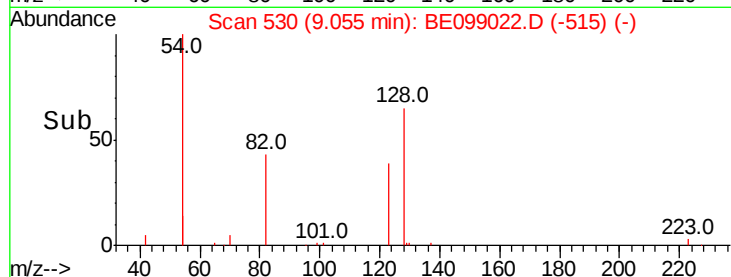
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE099022.D

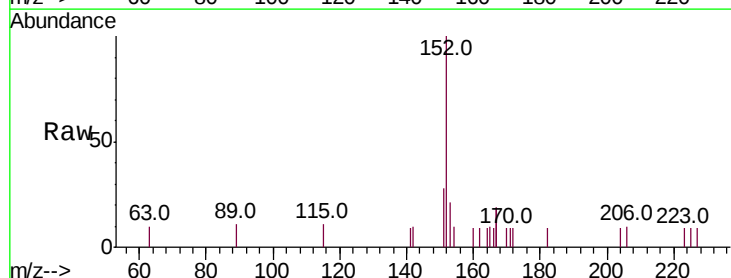
Acq: 19 Mar 2019 4:49

Tgt Ion: 152 Resp: 2210

Ion Ratio Lower Upper

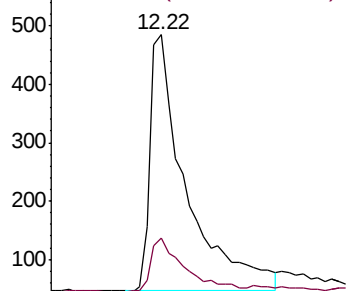
152 100

151 20.6 16.5 24.7

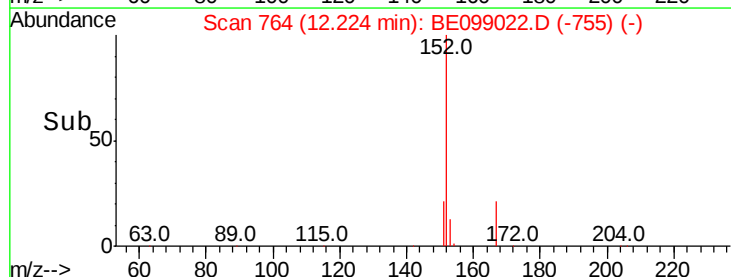


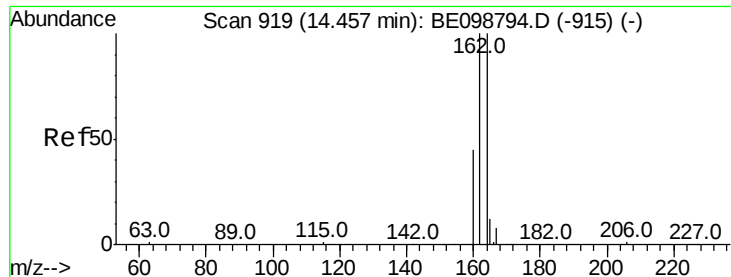
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->

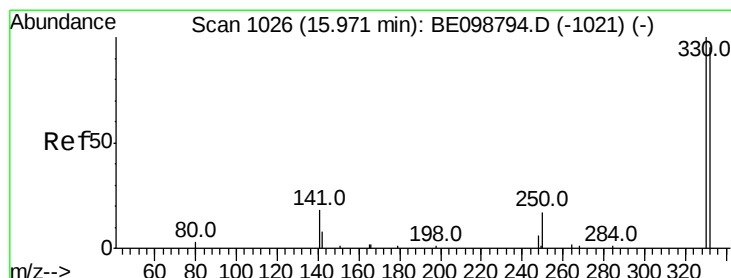
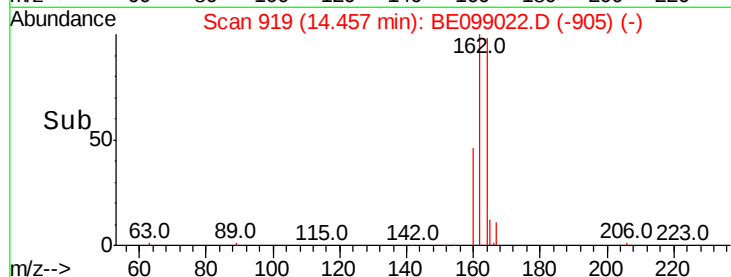
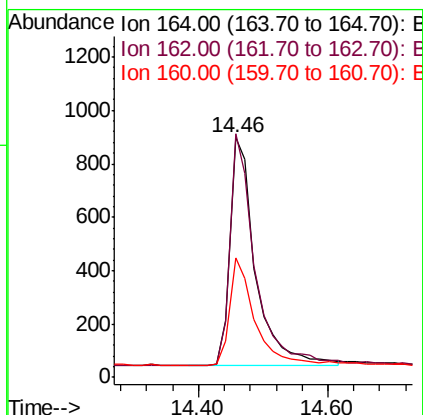
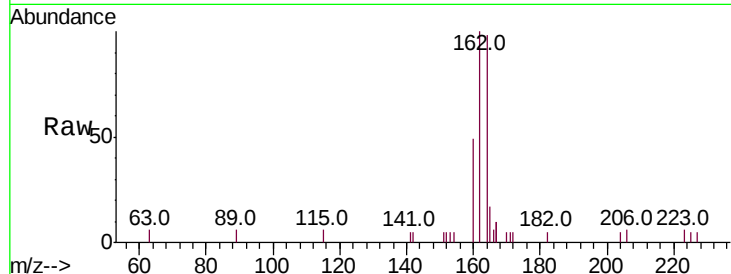




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099022.D
Acq: 19 Mar 2019 4:49

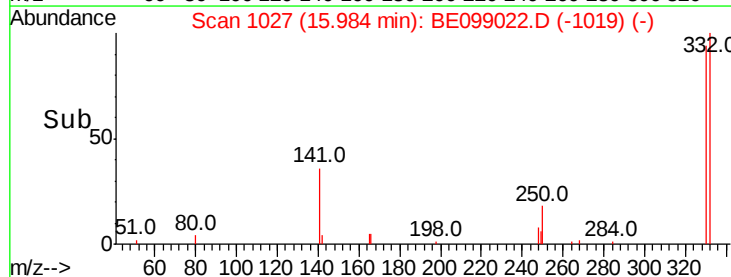
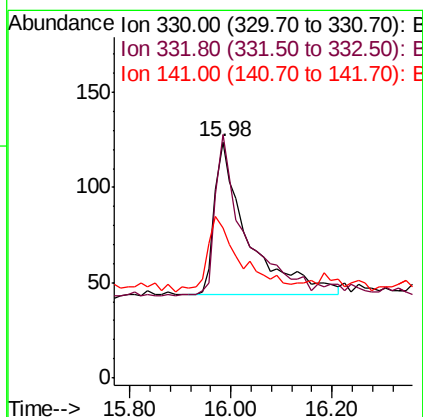
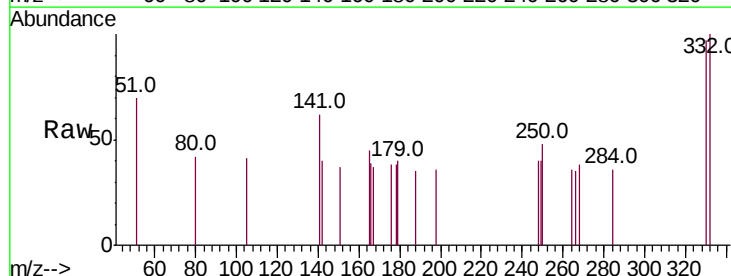
Instrument :
BNA_E
ClientSampleId :
M4-T2-OZ(POST)

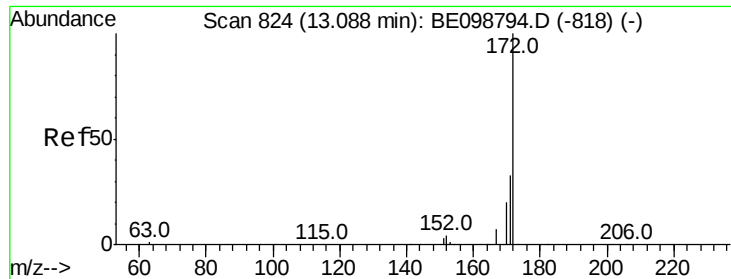
Tot Ion:164 Resp: 2334
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 50.2 37.8 56.8



#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099022.D
Acq: 19 Mar 2019 4:49

Tgt Ion:330 Resp: 363
Ion Ratio Lower Upper
330 100
332 93.4 77.6 116.4
141 43.5 31.0 46.4

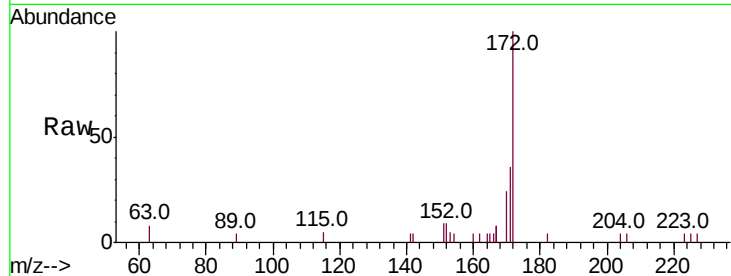




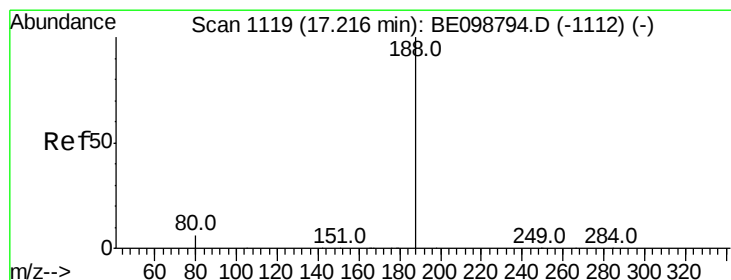
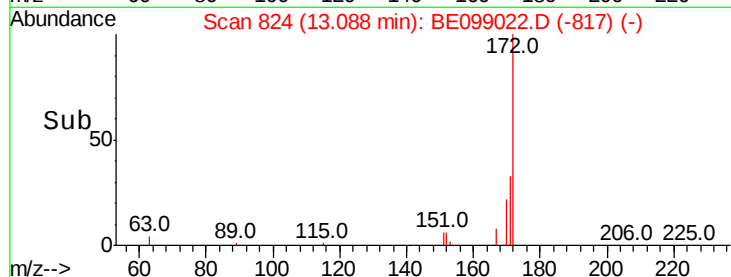
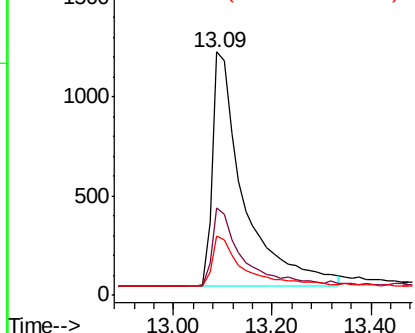
#15
2-Fluorobiphenyl
Concen: 0.539 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099022.D
Acq: 19 Mar 2019 4:49

Instrument :
BNA_E
ClientSampleId :
M4-T2-OZ(POST)

Tot Ion:172 Resp: 5205
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 24.3 17.7 26.5

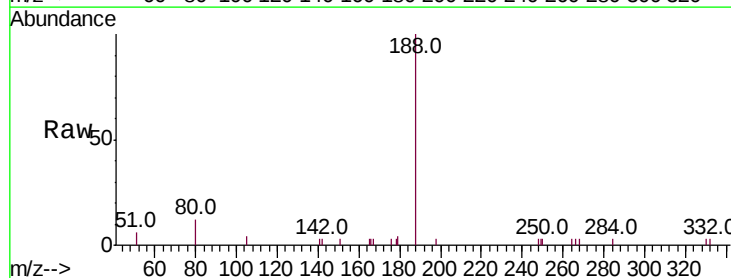


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

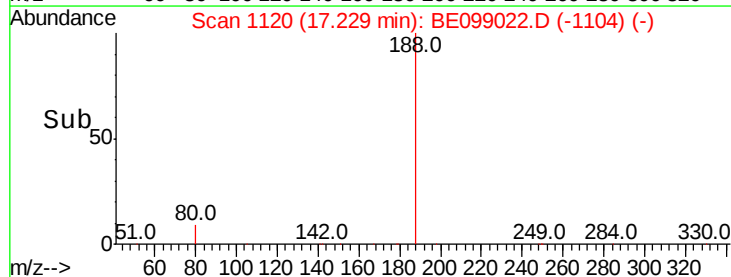
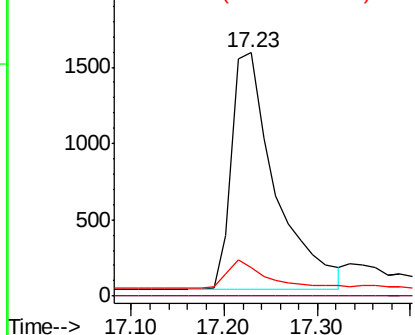


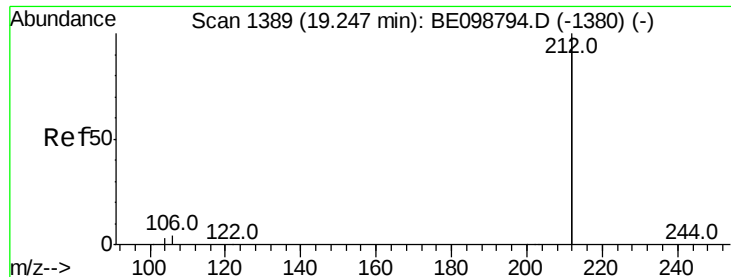
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE099022.D
Acq: 19 Mar 2019 4:49

Tgt Ion:188 Resp: 5062
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 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





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

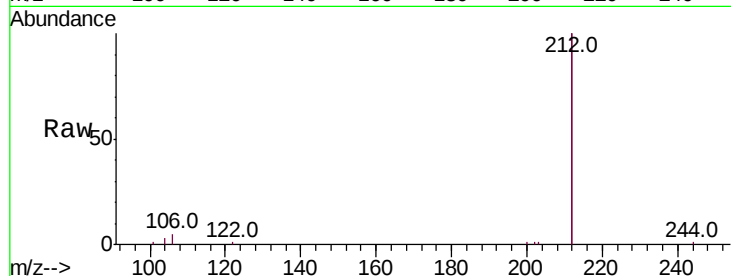
Tot Ion:212 Resp: 32144

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

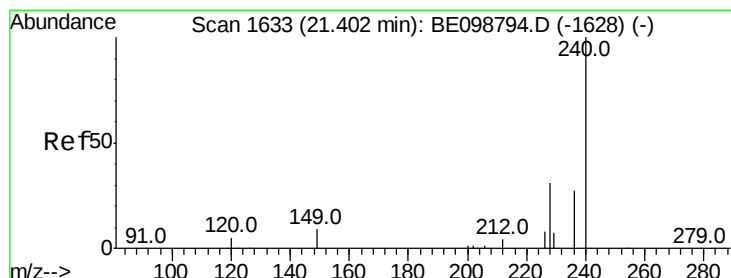
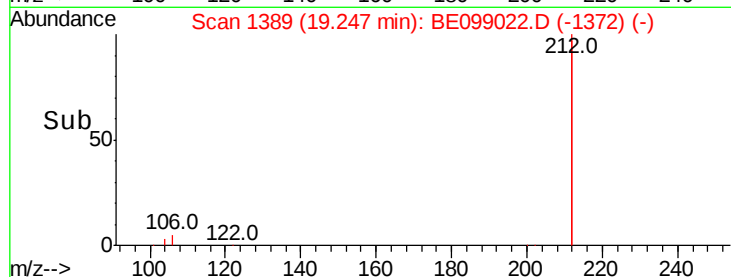
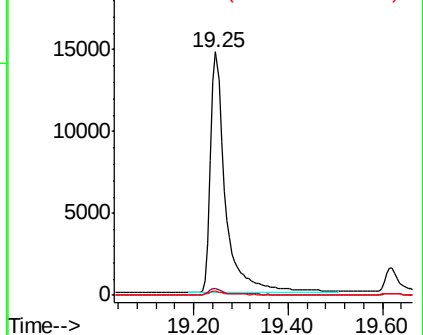
104 1.4 1.0 1.6



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: BE099022.D

Acq: 19 Mar 2019 4:49

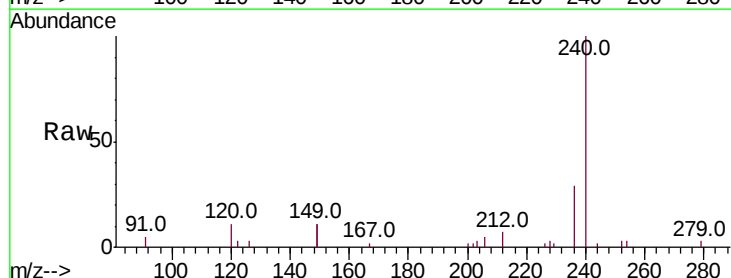
Tgt Ion:240 Resp: 5986

Ion Ratio Lower Upper

240 100

120 11.3 5.0 7.4#

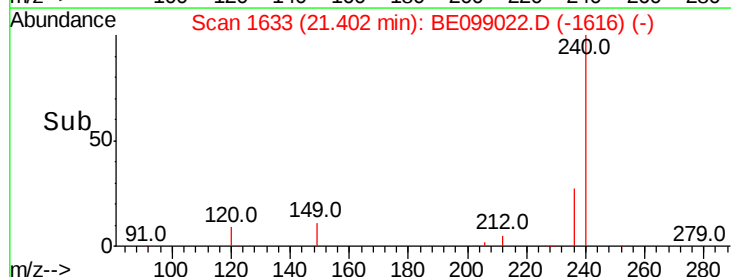
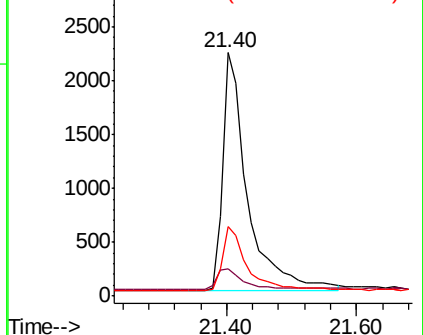
236 28.6 22.7 34.1

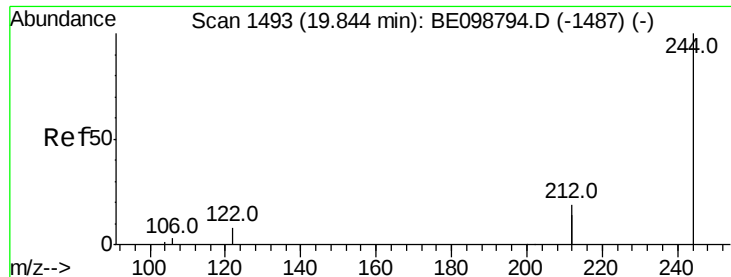


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.477 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

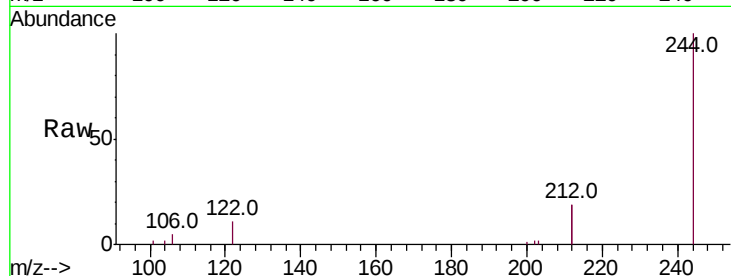
Tot Ion:244 Resp: 6944

Ion Ratio Lower Upper

244 100

212 38.6 29.4 44.2

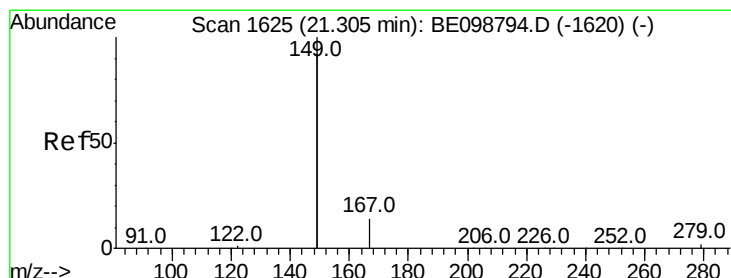
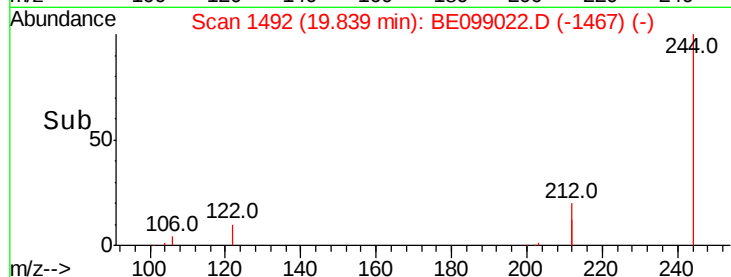
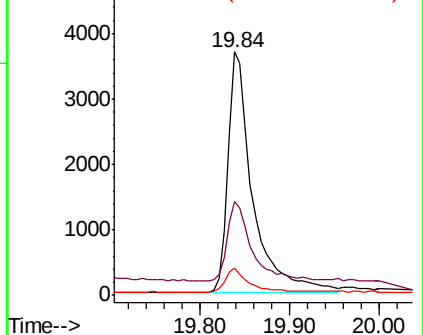
122 11.0 7.1 10.7#



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: 0.051 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

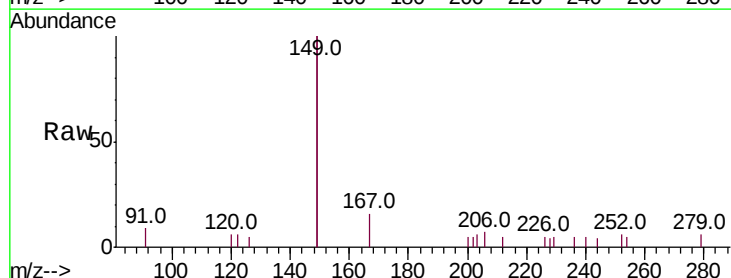
Tgt Ion:149 Resp: 2013

Ion Ratio Lower Upper

149 100

167 9.0 5.4 8.0#

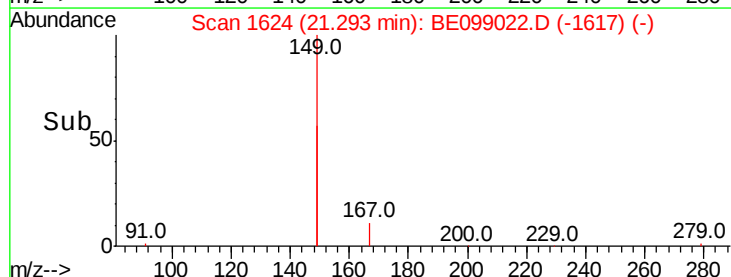
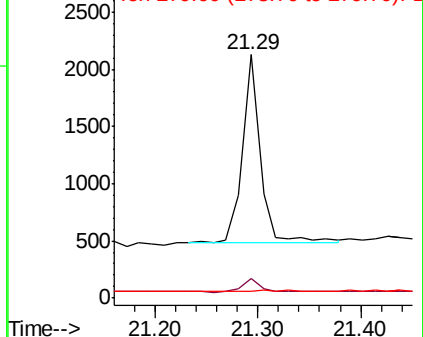
279 1.7 1.0 1.4#

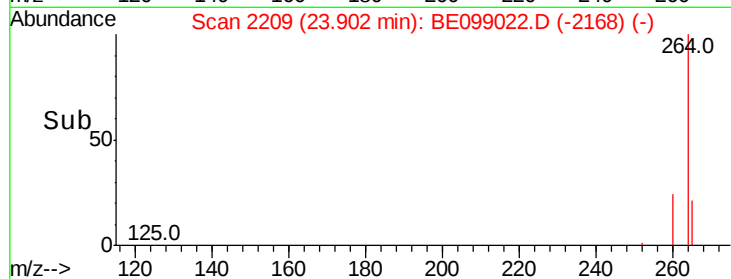
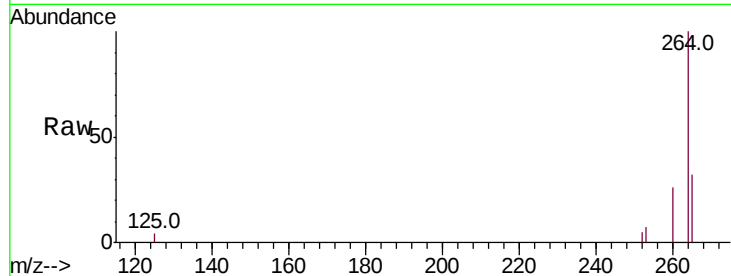
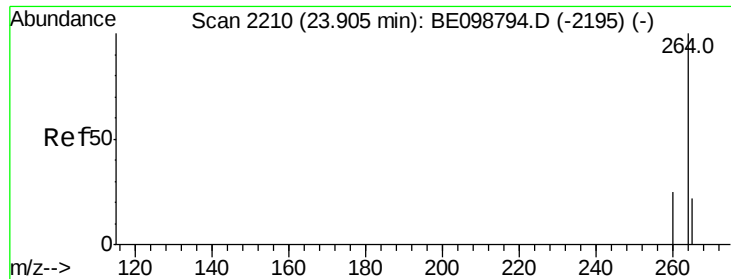


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2209
 Delta R.T. -0.00 min
 Lab File: BE099022.D
 Acq: 19 Mar 2019 4:49

Instrument :
 BNA_E
 ClientSampleId :
 M4-T2-OZ(POST)

Tot Ion:264 Resp: 5491
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.2 31.8
 265 31.7 24.6 36.8

