

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 08:52:31 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

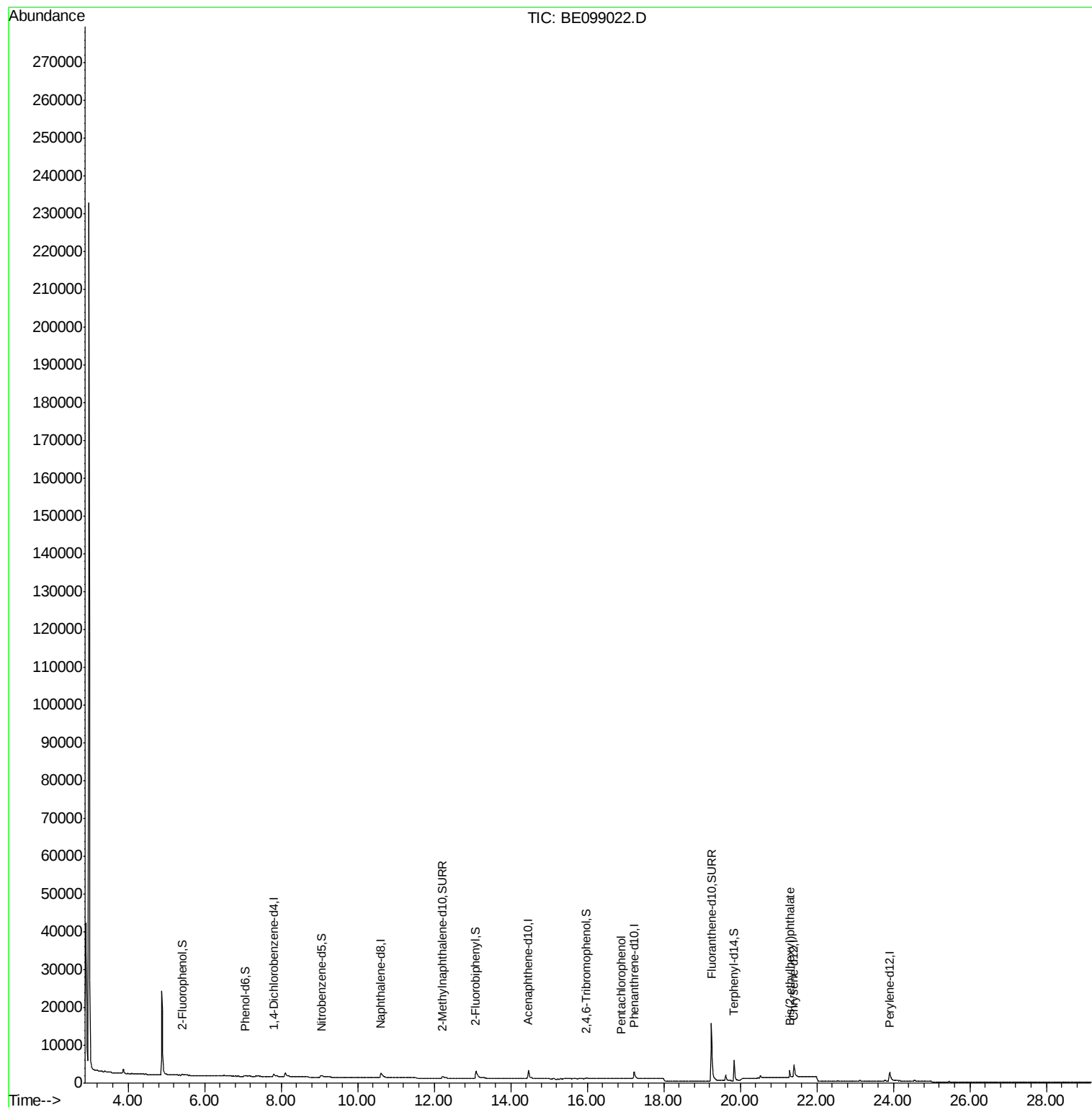
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	645	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3016	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2334	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5062	0.40	ng	0.01
27) Chrysene-d12	21.40	240	5986	0.40	ng	0.00
34) 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						
22) Pentachlorophenol	16.89	266	2	0.266	ng	Qvalue 87
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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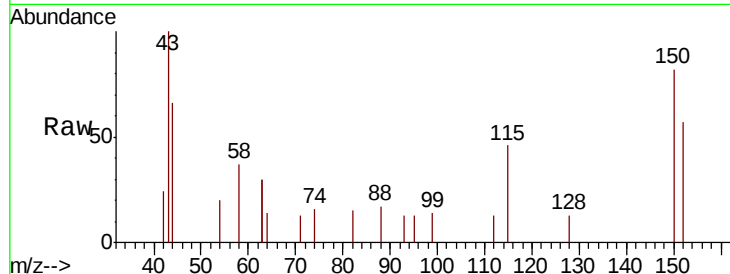




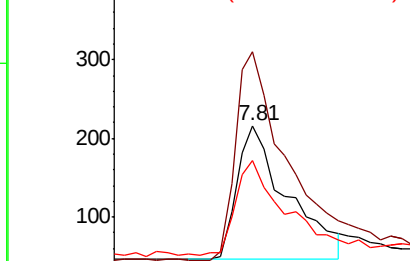
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.81 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE099022.D
 Acq: 19 Mar 2019 4:49

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

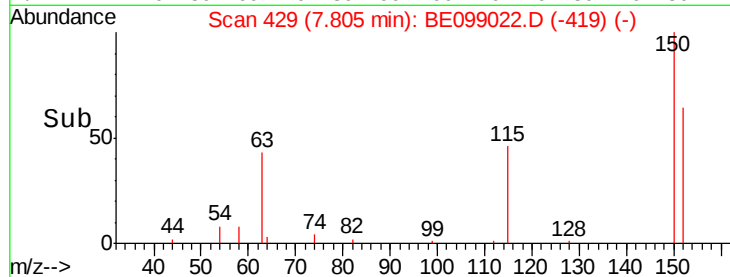
Tgt Ion:152 Resp: 645
 Ion Ratio Lower Upper
 152 100
 150 143.5 122.5 183.7
 115 79.6 57.4 86.2



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

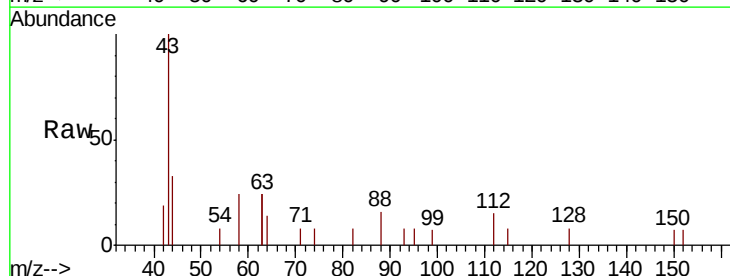


Time-->

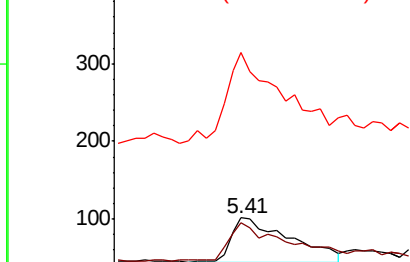


#4
 2-Fluorophenol
 Concen: 0.159 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE099022.D
 Acq: 19 Mar 2019 4:49

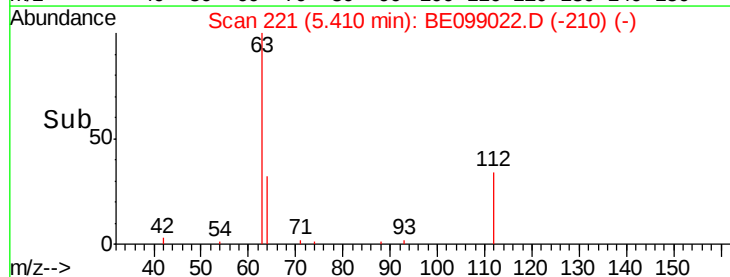
Tgt Ion:112 Resp: 307
 Ion Ratio Lower Upper
 112 100
 64 87.3 57.9 86.9#
 63 224.1 158.3 237.5

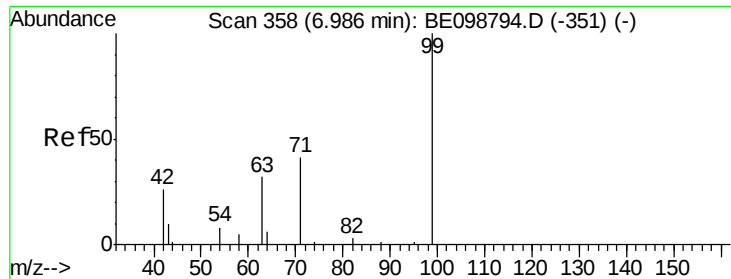


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0



Time-->





#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)

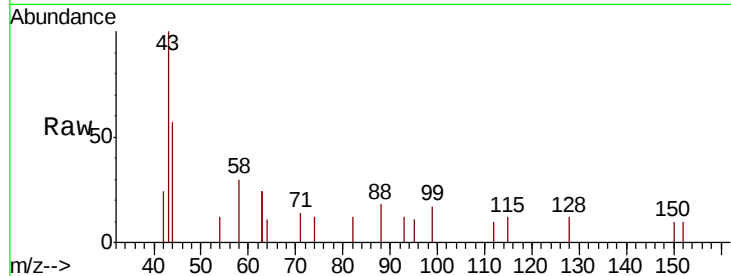
Tgt Ion: 99 Resp: 204

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

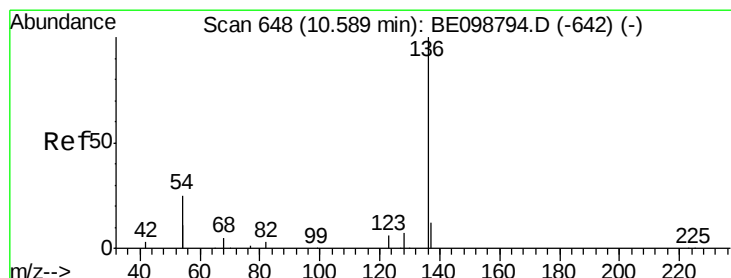
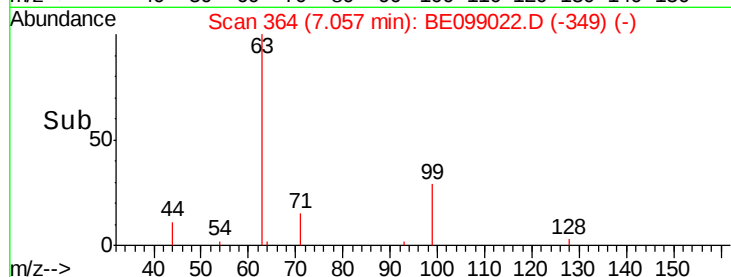
150

100

50

7.06

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

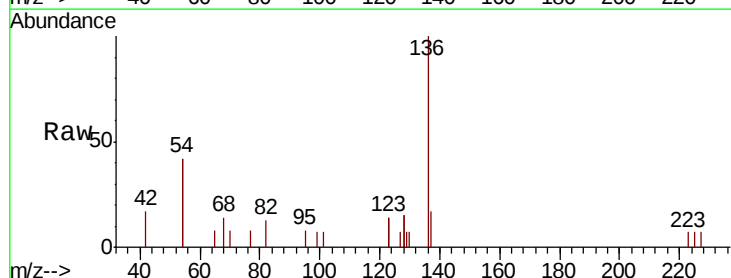
Ion Ratio Lower Upper

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

1000

800

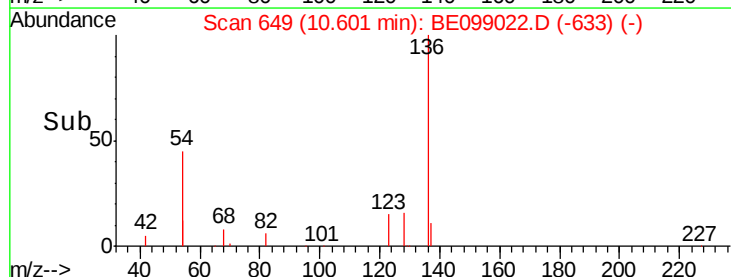
600

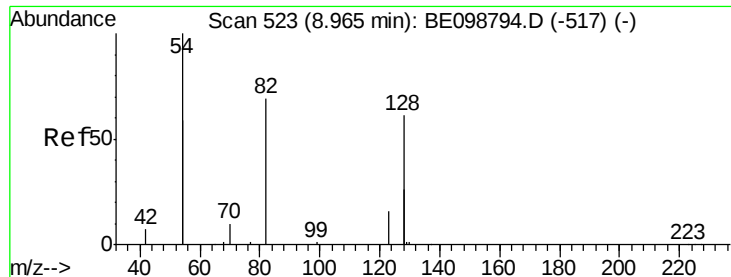
400

200

10.60

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)

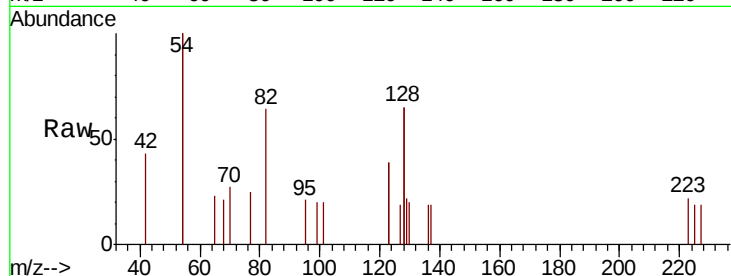
Tgt Ion: 82 Resp: 906

Ion Ratio Lower Upper

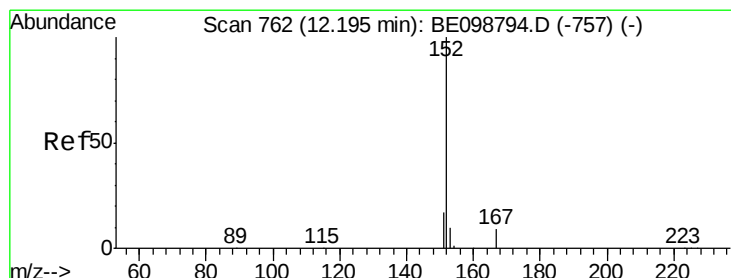
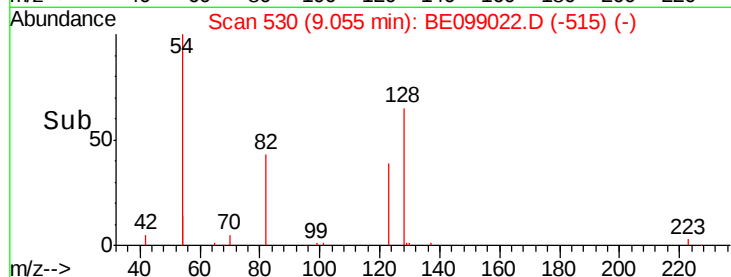
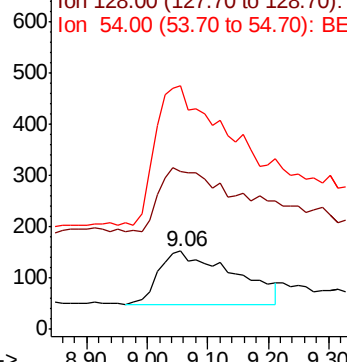
82 100

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): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.03 min

Lab File: BE099022.D

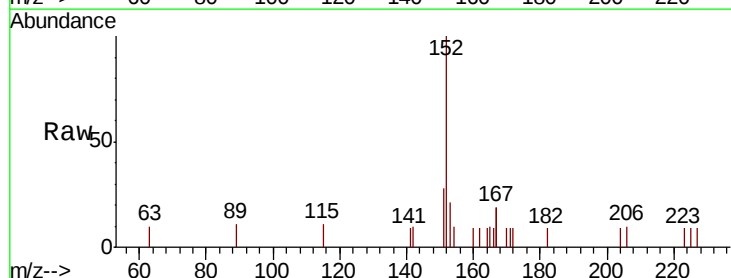
Acq: 19 Mar 2019 4:49

Tgt Ion: 152 Resp: 2210

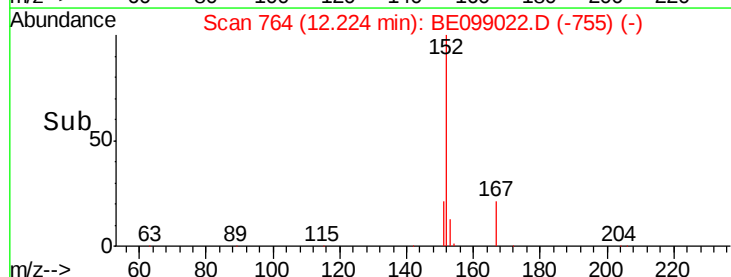
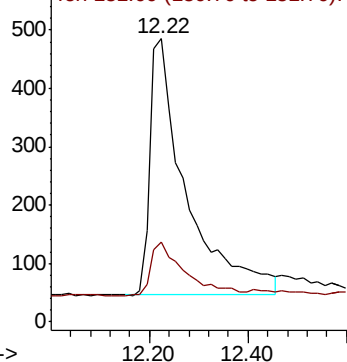
Ion Ratio Lower Upper

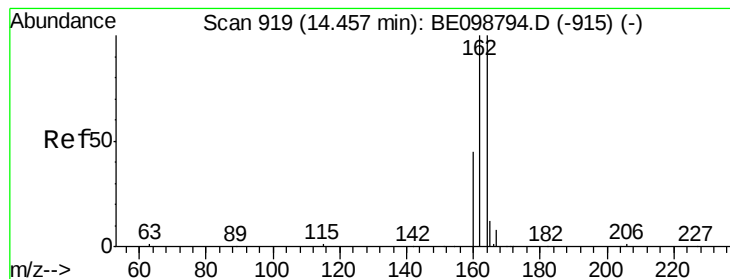
152 100

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





#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)

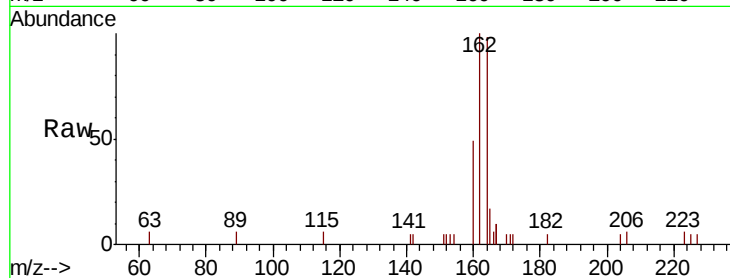
Tgt Ion:164 Resp: 2334

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

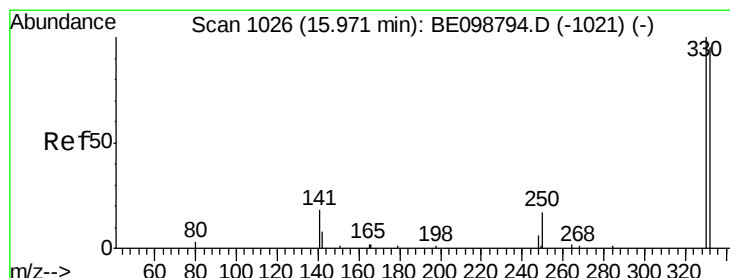
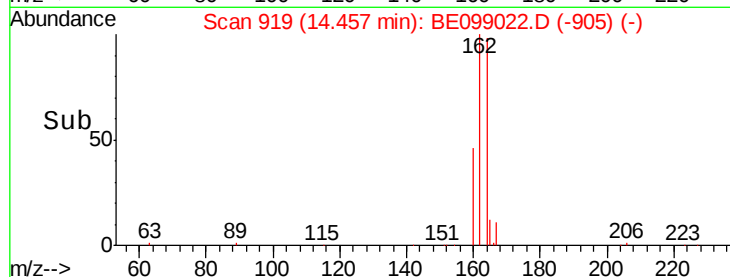
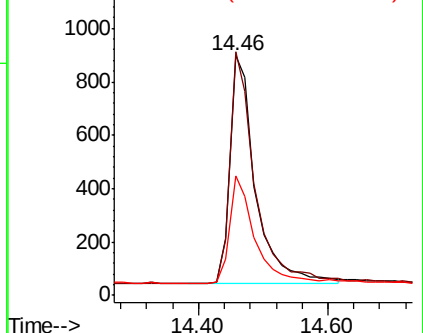
160 50.2 37.8 56.8



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: 0.308 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099022.D

Acq: 19 Mar 2019 4:49

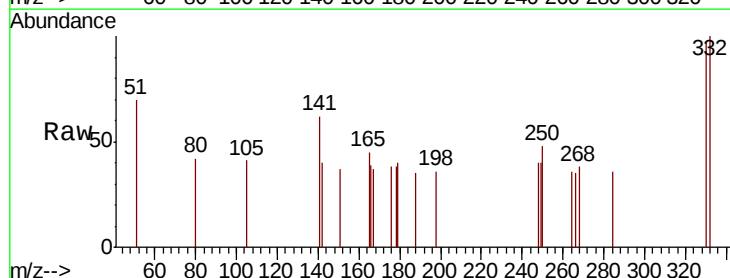
Tgt Ion:330 Resp: 363

Ion Ratio Lower Upper

330 100

332 93.4 77.6 116.4

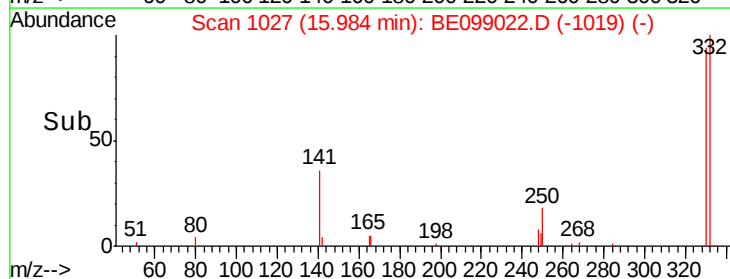
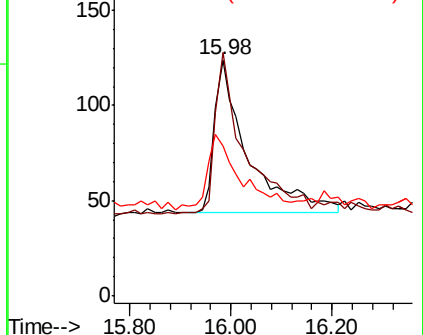
141 43.5 31.0 46.4

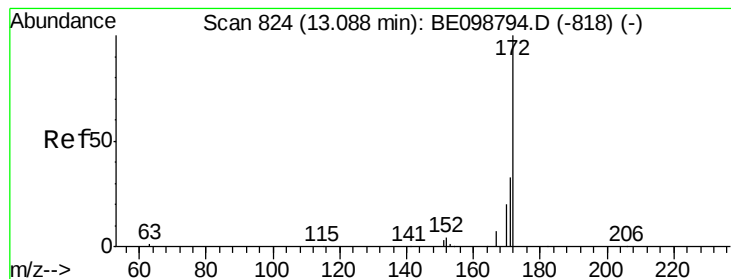


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.539 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)

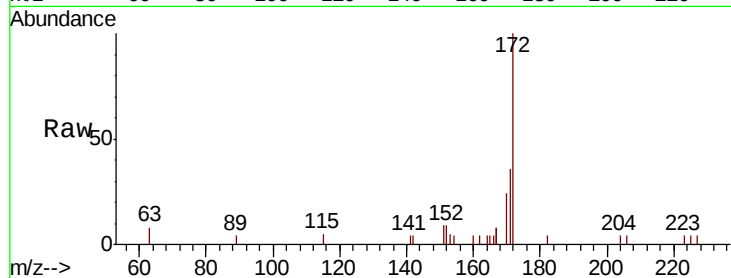
Tgt Ion:172 Resp: 5205

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

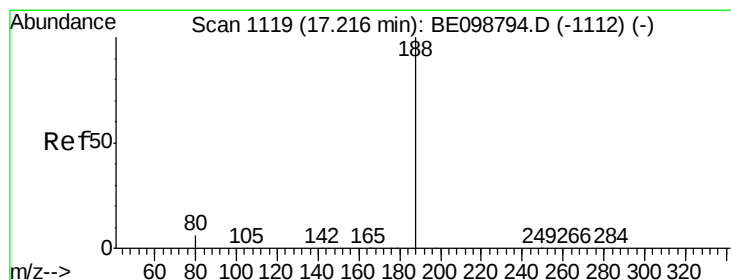
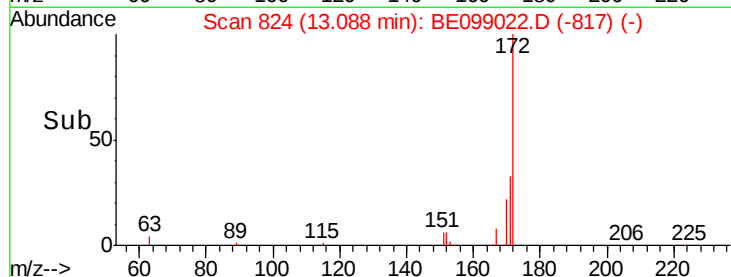
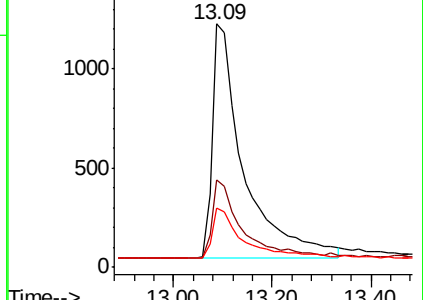
170 24.3 17.7 26.5



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

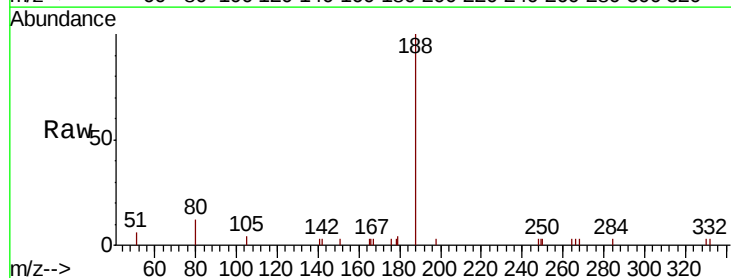
Tgt Ion:188 Resp: 5062

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

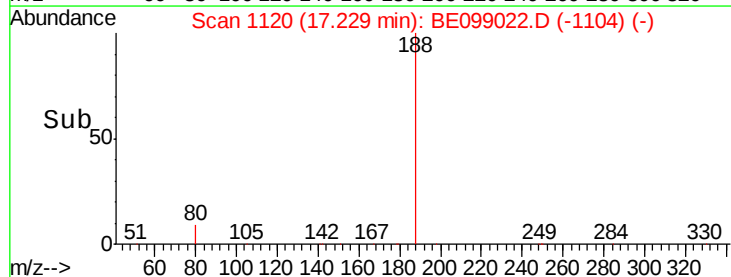
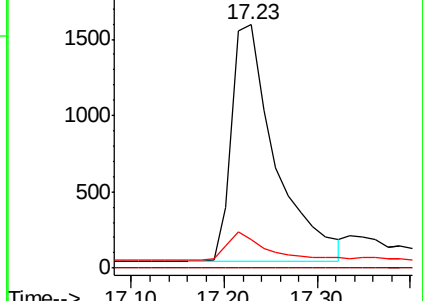
80 11.7 6.3 9.5#

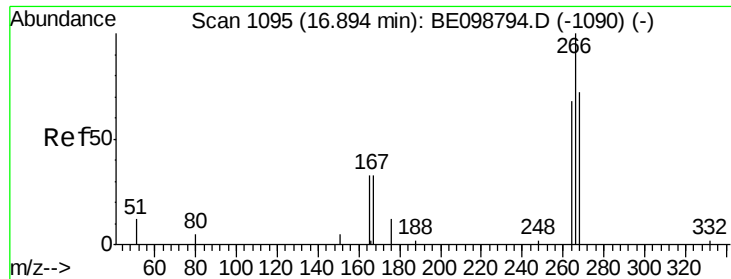


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

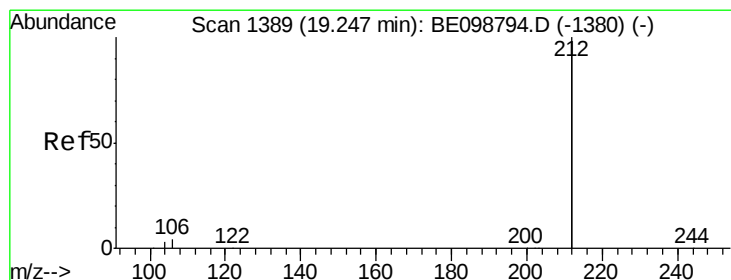
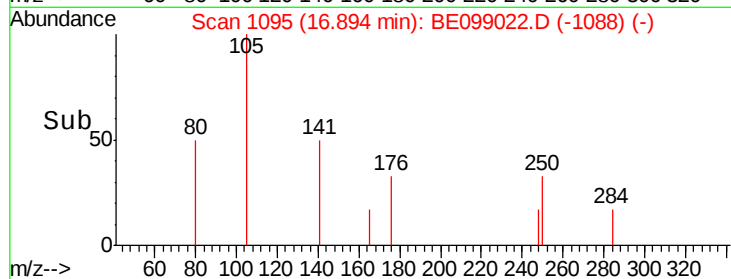
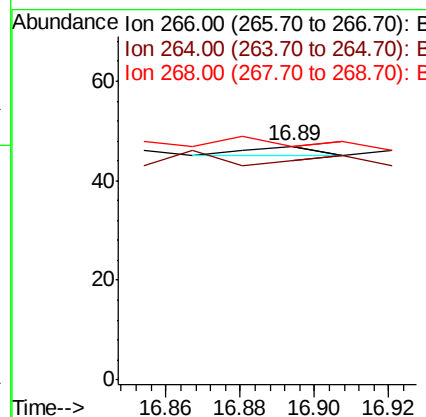
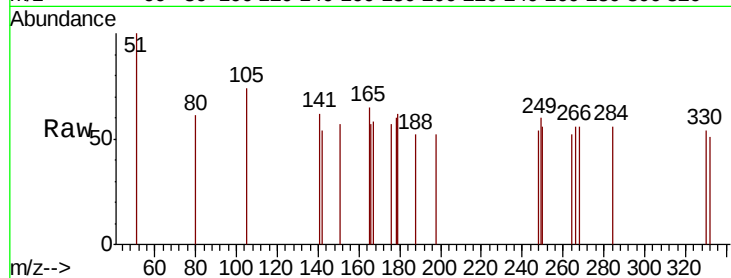




#22
 Pentachlorophenol
 Concen: 0.266 ng
 RT: 16.89 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BE099022.D
 Acq: 19 Mar 2019 4:49

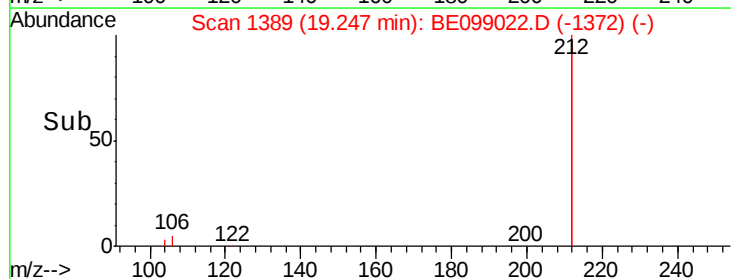
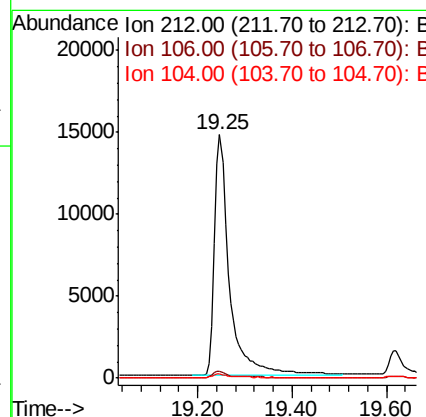
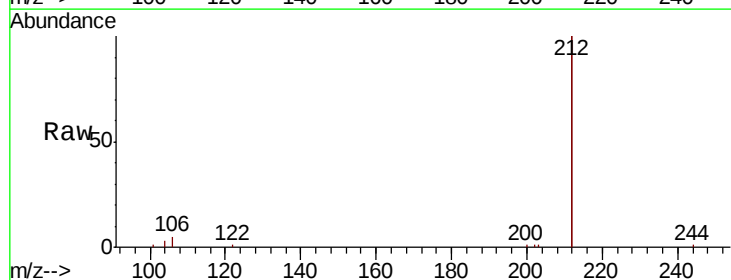
Instrument :
 BNA_E
 ClientSampleId :
 M4-T2-OZ(POST)

Tgt Ion:	266	Resp:	2
Ion	Ratio	Lower	Upper
266	100		
264	93.6	66.6	100.0
268	100.0	69.8	104.8



#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

Tgt Ion:	212	Resp:	32144
Ion	Ratio	Lower	Upper
212	100		
106	2.5	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: BE099022.D

Acq: 19 Mar 2019 4:49

Instrument :

BNA_E

ClientSampleId :

M4-T2-OZ(POST)

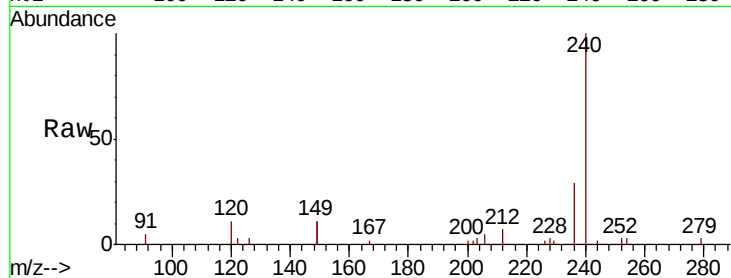
Tgt Ion:240 Resp: 5986

Ion Ratio Lower Upper

240 100

120 11.3 5.0 7.4#

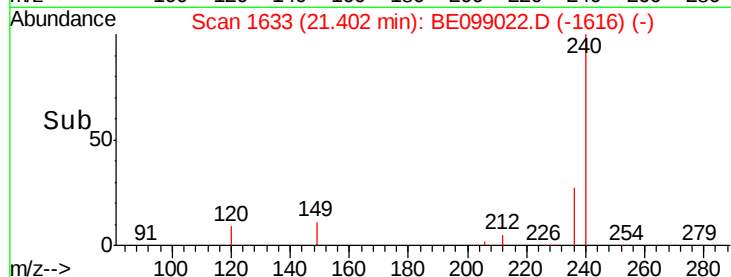
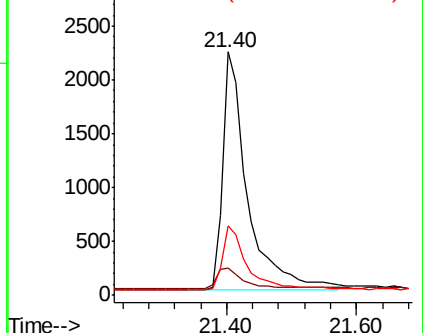
236 28.6 22.7 34.1



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

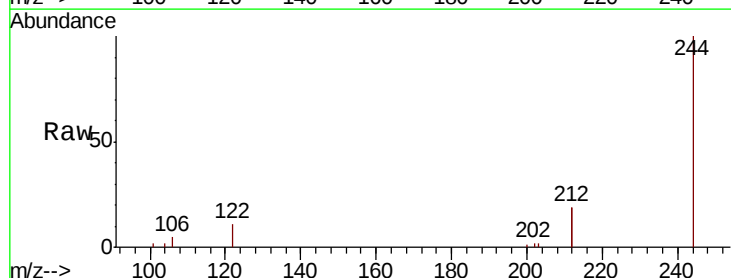
Tgt Ion:244 Resp: 6944

Ion Ratio Lower Upper

244 100

212 38.6 29.4 44.2

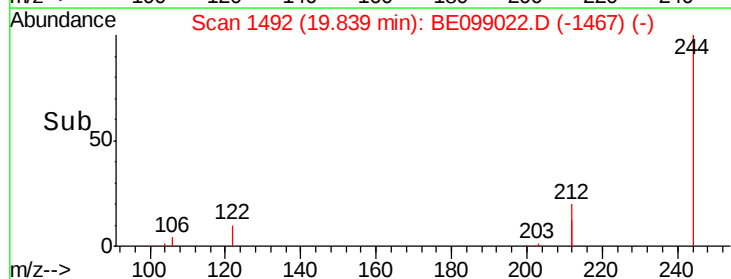
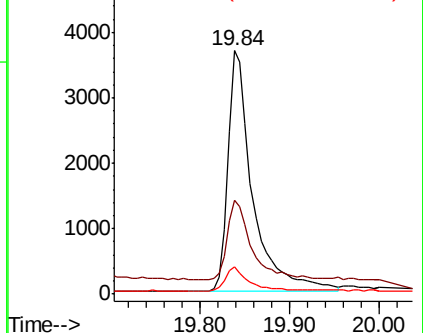
122 11.0 7.1 10.7#

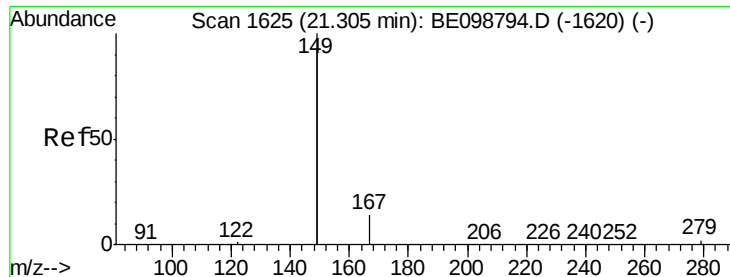


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

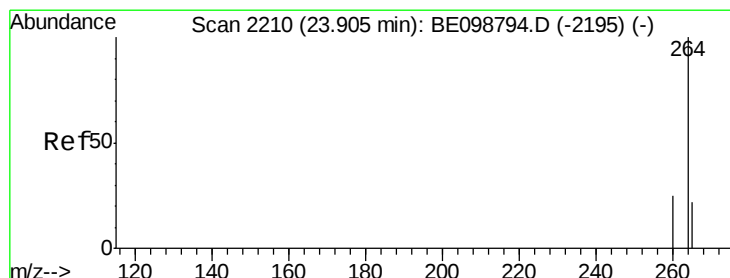
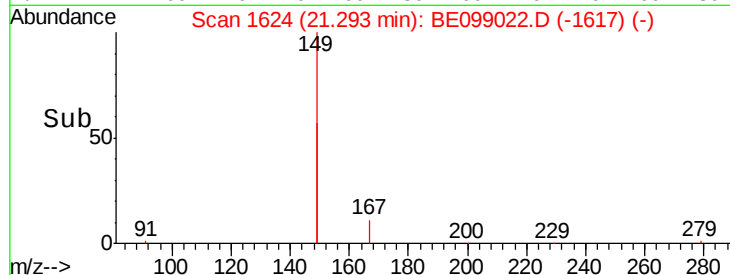
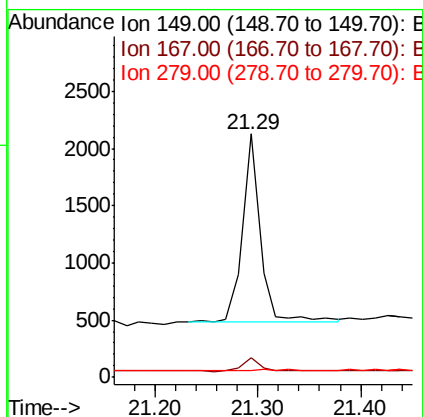
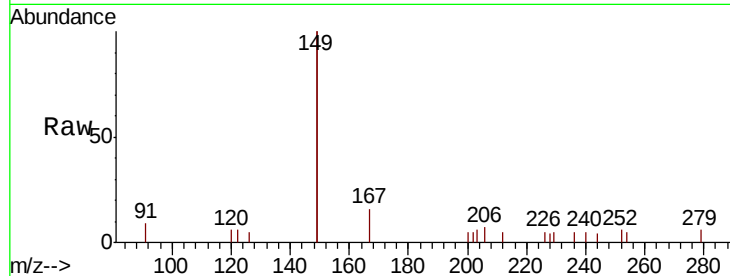




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099022.D
 Acq: 19 Mar 2019 4:49

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

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#



#34
 Perylene-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

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

