

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030719\
 Data File : BE098820.D
 Acq On : 7 Mar 2019 15:02
 Operator : JU/SJ
 Sample : K1628-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A0C6-3-AQ

Quant Time: Mar 08 03:35:06 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

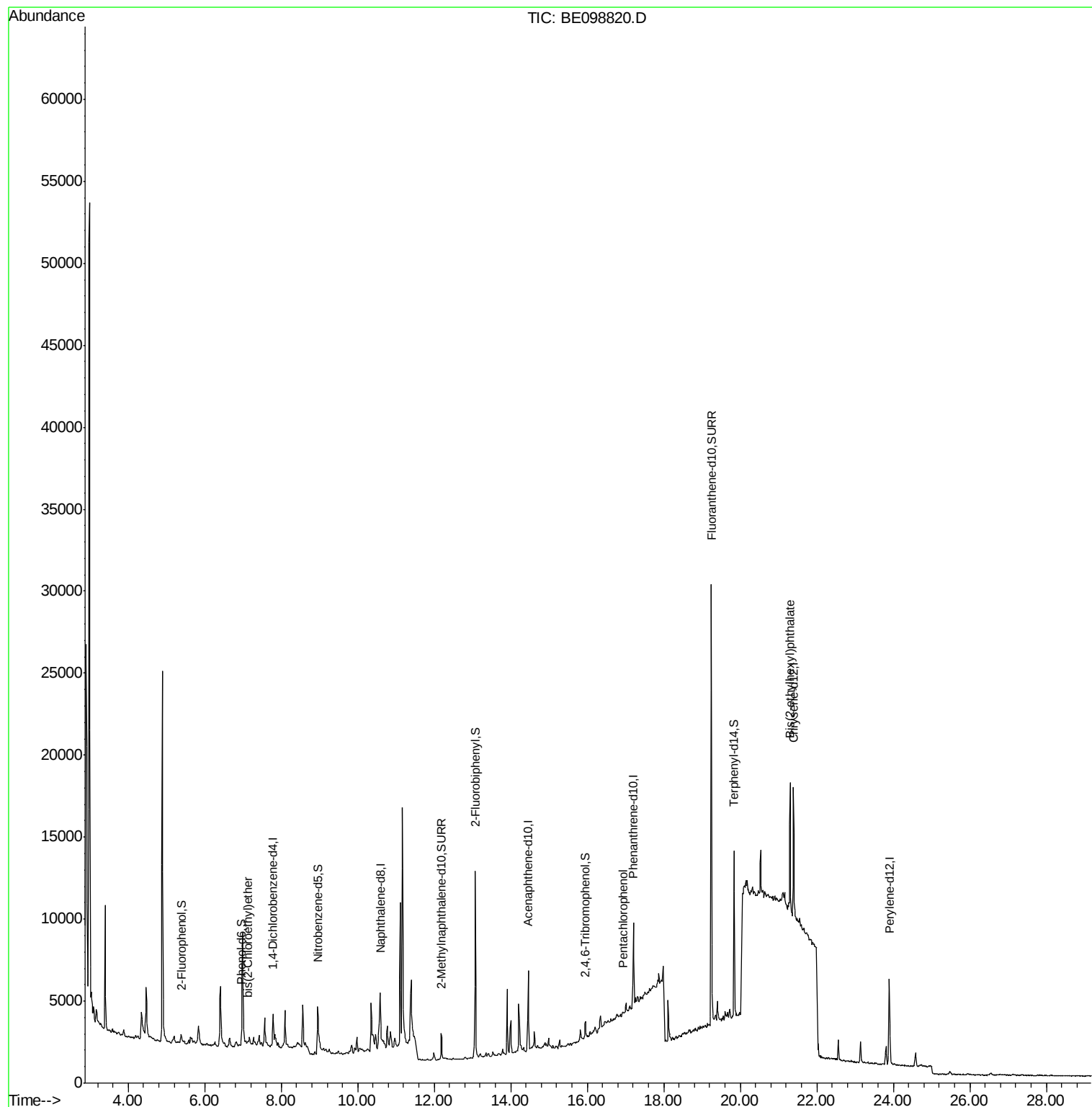
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	1029	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	4327	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2886	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7182	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8359	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7947	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	440	0.14	ng	0.00
5) Phenol-d6	6.96	99	444	0.10	ng	-0.02
8) Nitrobenzene-d5	8.95	82	1472	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2593	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	690	0.47	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	10607	0.89	ng	-0.01
25) Fluoranthene-d10	19.24	212	35081	0.31	ng	0.00
29) Terphenyl-d14	19.84	244	8614	0.42	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.12	93	104	0.031	ng	# 1
22) Pentachlorophenol	16.95	266	13	0.273	ng	# 88
32) Bis(2-ethylhexyl)phthalate	21.31	149	10325	0.186	ng	# 94

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

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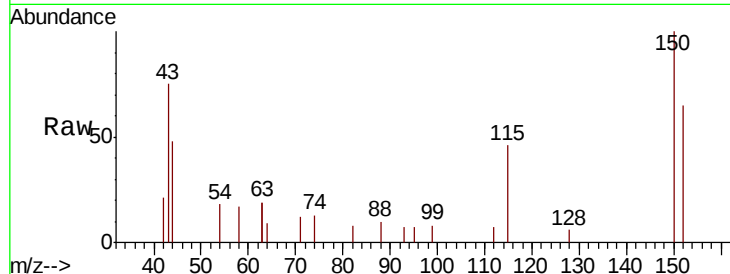


#1

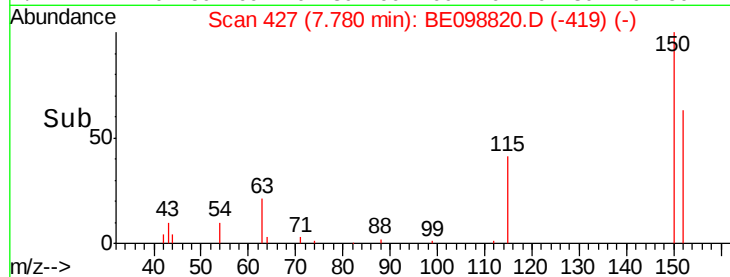
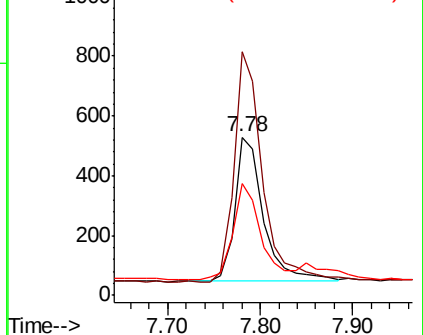
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE098820.D
Acq: 7 Mar 2019 15:02

Instrument :
BNA_E
ClientSampleId :
A0C6-3-AQ

Tgt Ion:152 Resp: 1029
Ion Ratio Lower Upper
152 100
150 153.6 122.5 183.7
115 70.6 57.4 86.2



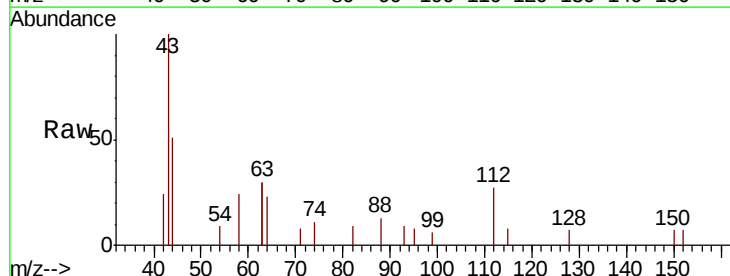
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



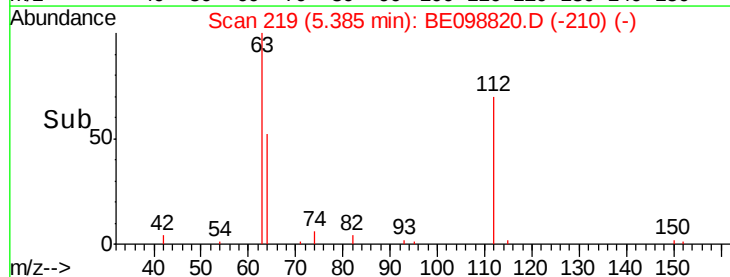
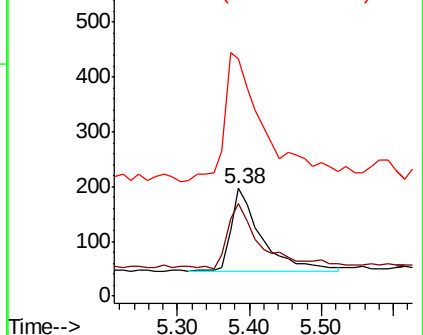
#4

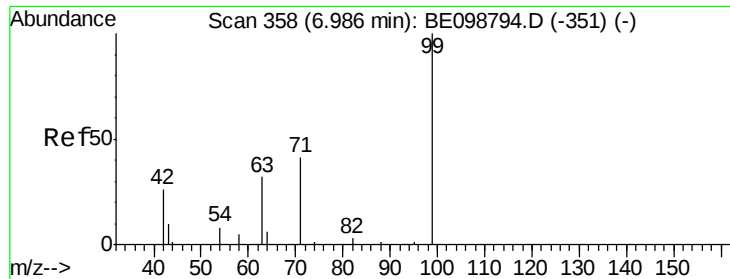
2-Fluorophenol
Concen: 0.143 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE098820.D
Acq: 7 Mar 2019 15:02

Tgt Ion:112 Resp: 440
Ion Ratio Lower Upper
112 100
64 84.5 57.9 86.9
63 212.7 158.3 237.5



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: 0.102 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

Instrument :

BNA_E

ClientSampleId :

A0C6-3-AQ

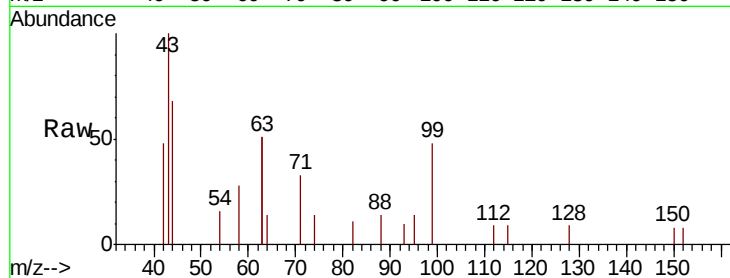
Tgt Ion: 99 Resp: 444

Ion Ratio Lower Upper

99 100

42 123.0 24.2 36.2#

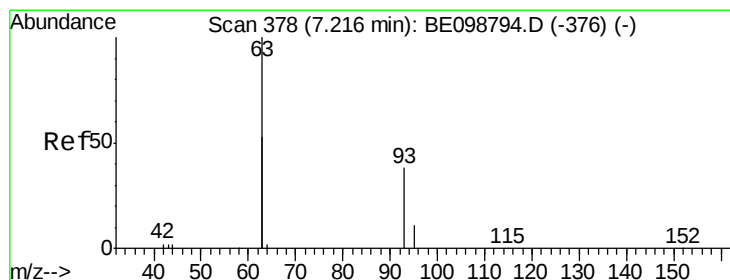
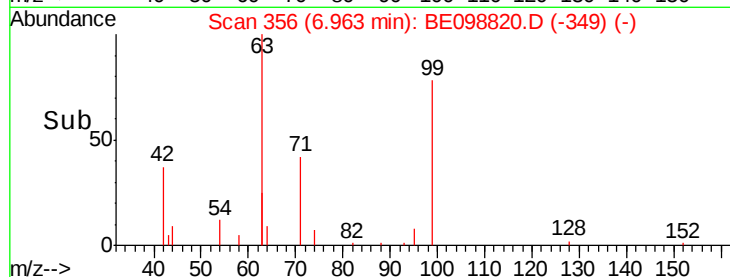
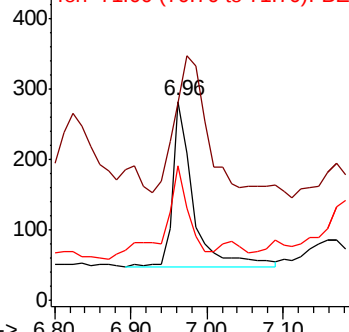
71 48.4 35.7 53.5



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



#6

bis(2-Chloroethyl)ether

Concen: 0.031 ng

RT: 7.12 min Scan# 370

Delta R.T. -0.09 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

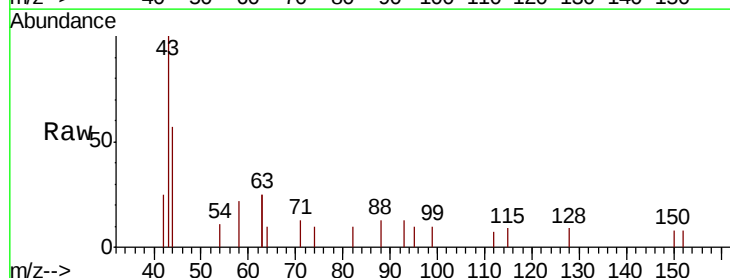
Tgt Ion: 93 Resp: 104

Ion Ratio Lower Upper

93 100

63 0.0 247.5 371.3#

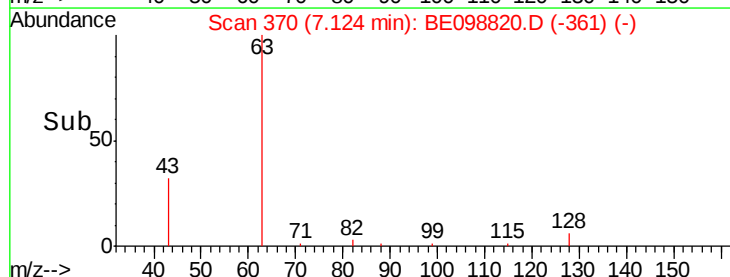
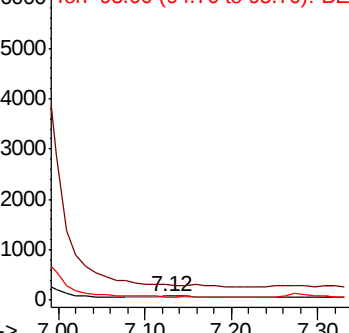
95 0.0 21.8 32.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

Instrument :

BNA_E

ClientSampleId :

A0C6-3-AQ

Tgt Ion:136 Resp: 4327

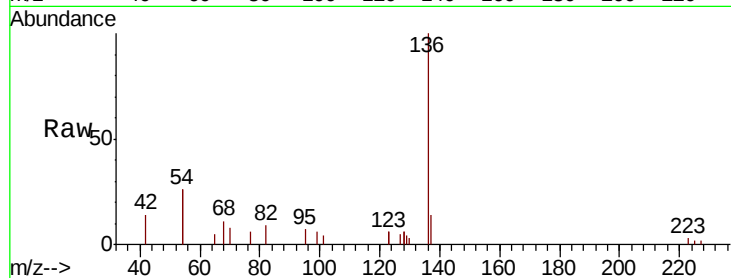
Ion Ratio Lower Upper

136 100

137 13.8 11.4 17.0

54 51.2 39.3 58.9

68 11.3 6.7 10.1#



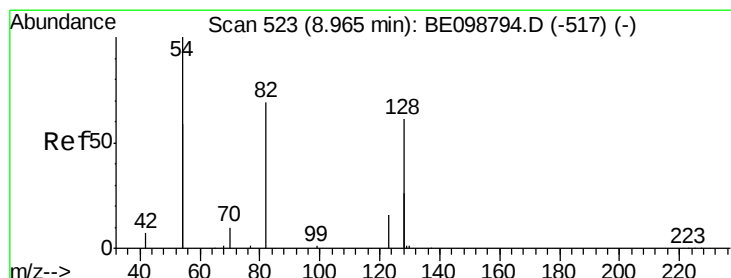
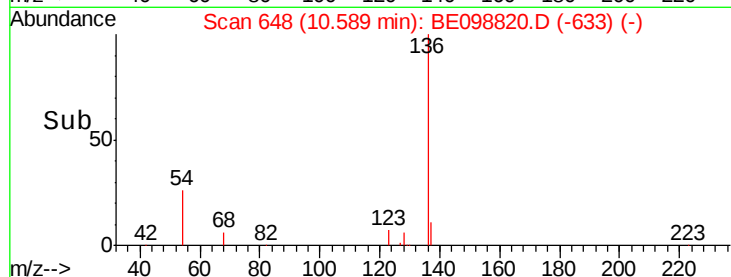
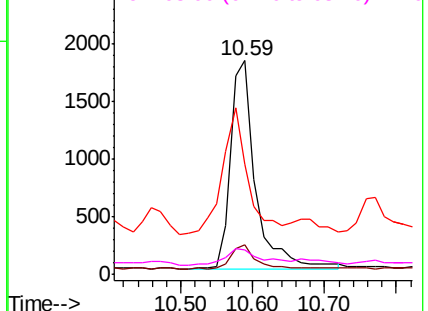
Abundance

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: 0.324 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

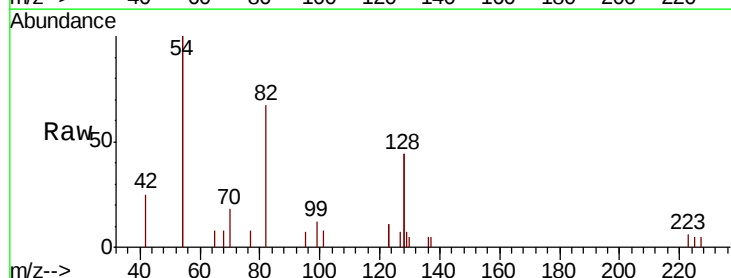
Tgt Ion: 82 Resp: 1472

Ion Ratio Lower Upper

82 100

128 133.1 123.8 185.8

54 299.5 203.4 305.2

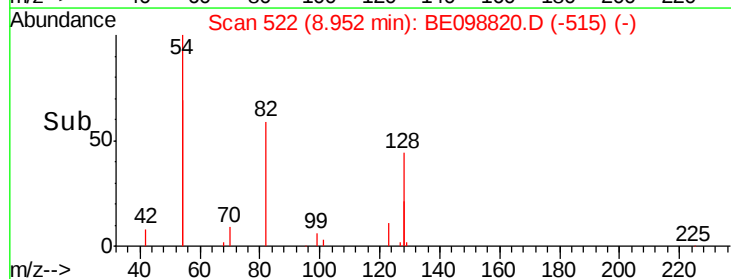
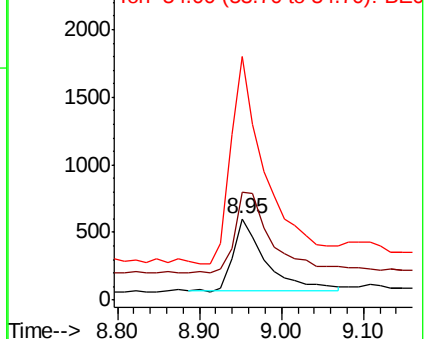


Abundance

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: 0.324 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

Instrument :

BNA_E

ClientSampleId :

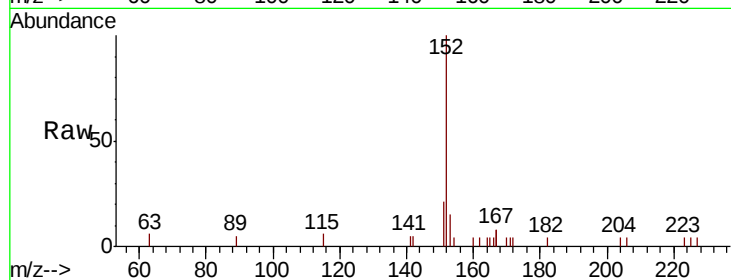
A0C6-3-AQ

Tgt Ion:152 Resp: 2593

Ion Ratio Lower Upper

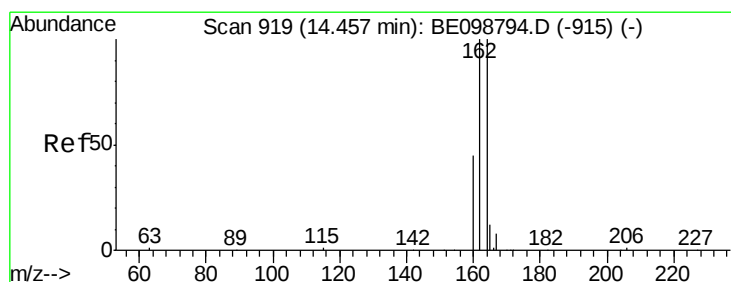
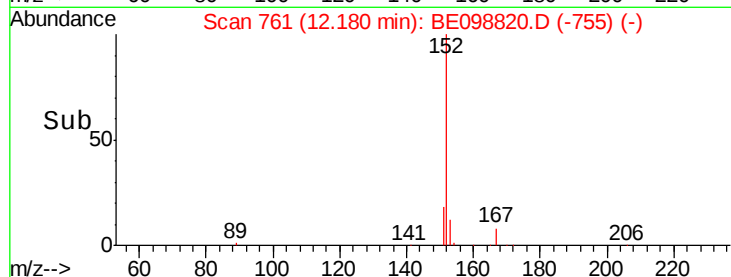
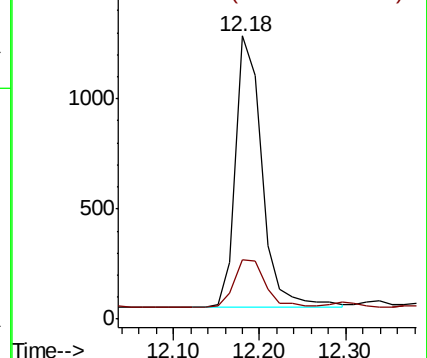
152 100

151 21.1 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: BE098820.D

Acq: 7 Mar 2019 15:02

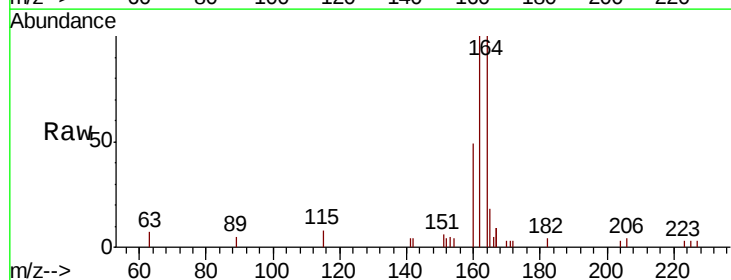
Tgt Ion:164 Resp: 2886

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

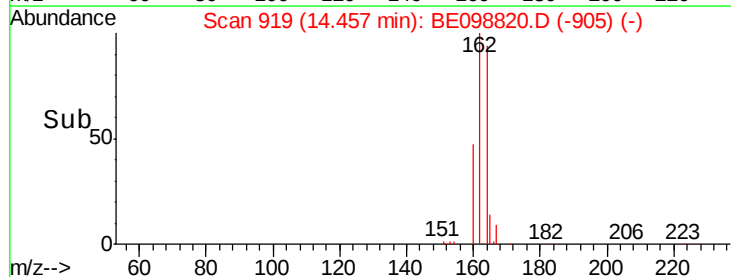
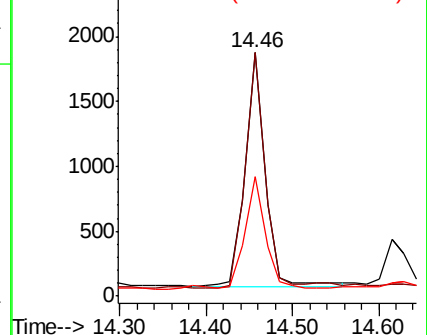
160 49.3 37.8 56.8



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

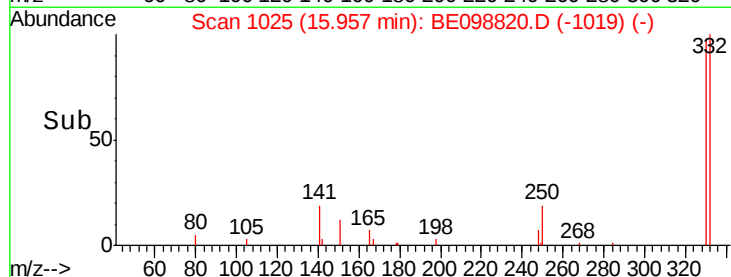
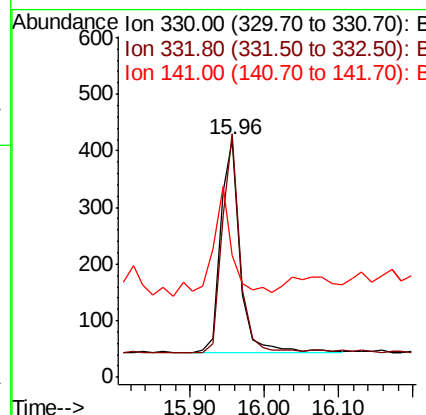
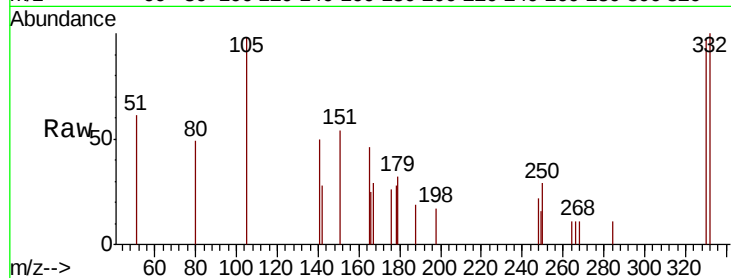




#14
 2,4,6-Tribromophenol
 Concen: 0.474 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE098820.D
 Acq: 7 Mar 2019 15:02

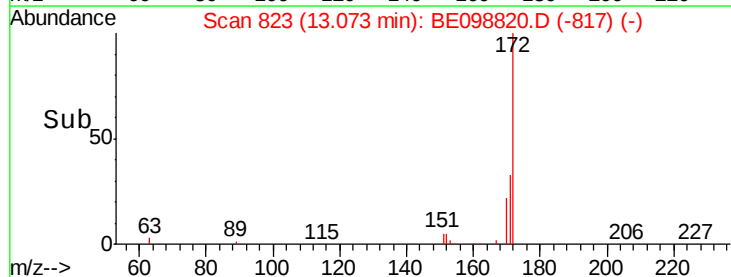
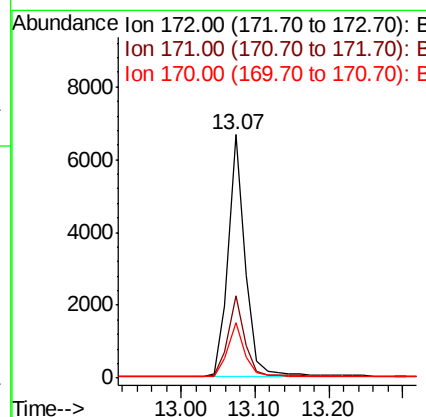
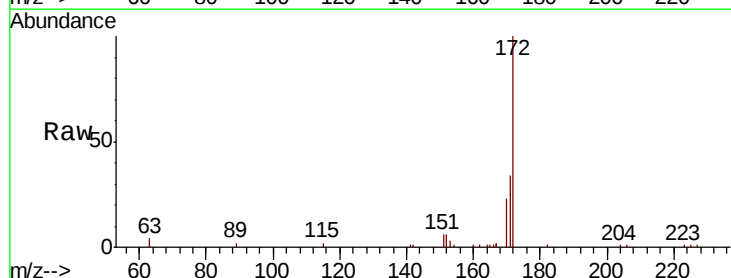
Instrument :
 BNA_E
 ClientSampleId :
 A0C6-3-AQ

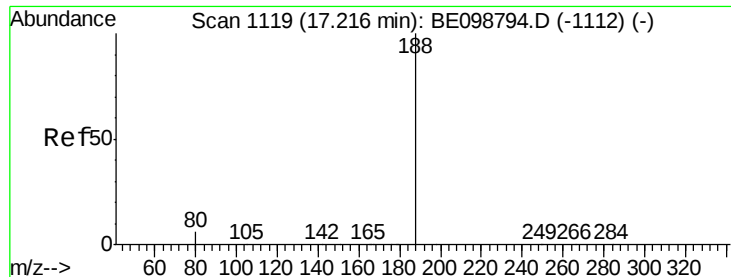
Tgt Ion: 330 Resp: 690
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.6 116.4
 141 43.9 31.0 46.4



#15
 2-Fluorobiphenyl
 Concen: 0.888 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE098820.D
 Acq: 7 Mar 2019 15:02

Tgt Ion: 172 Resp: 10607
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.0 42.0
 170 22.6 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

Instrument :

BNA_E

ClientSampleId :

A0C6-3-AQ

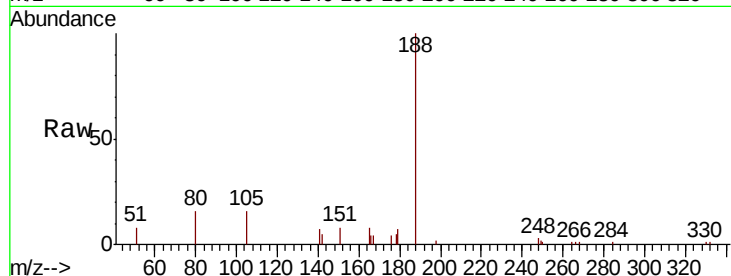
Tgt Ion:188 Resp: 7182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

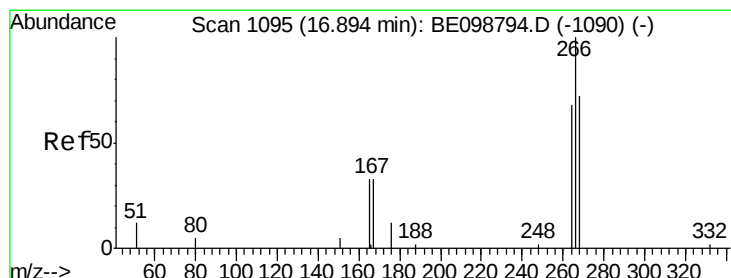
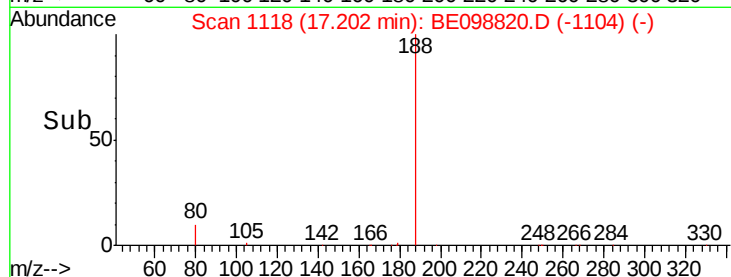
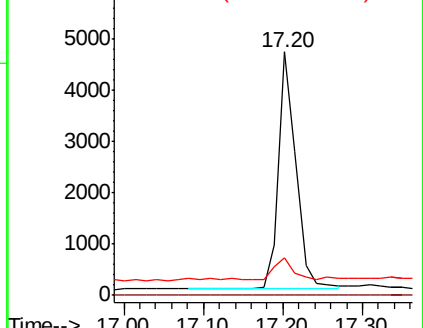
80 15.6 6.3 9.5#



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: 0.273 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.05 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

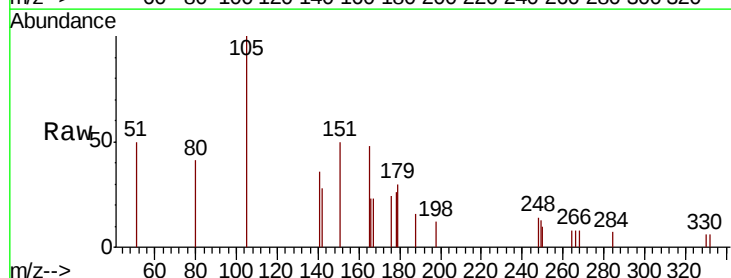
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 98.3 66.6 100.0

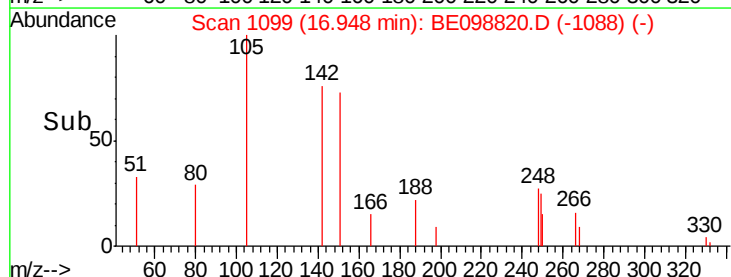
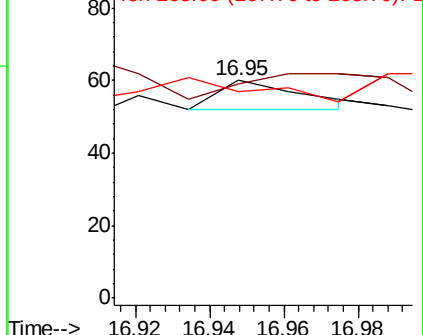
268 95.0 69.8 104.8

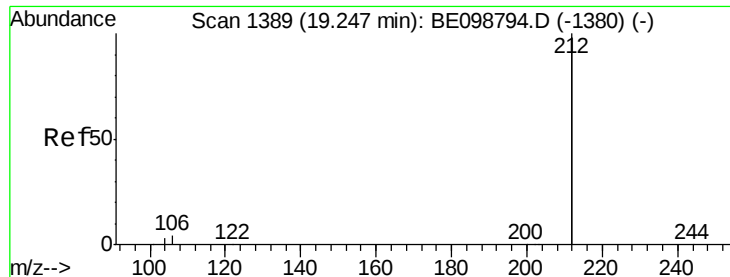


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.306 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

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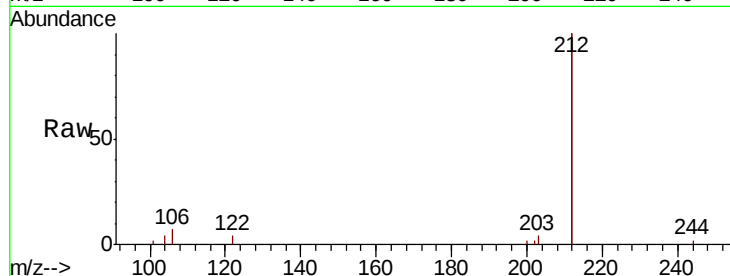
Tgt Ion:212 Resp: 35081

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

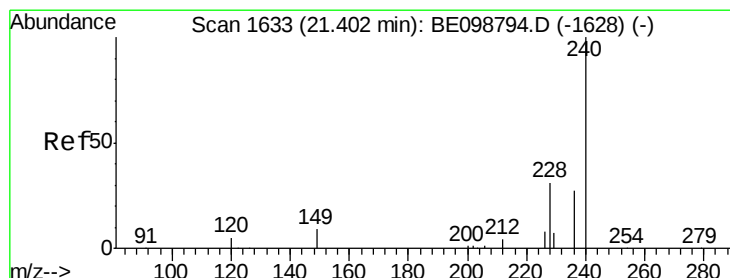
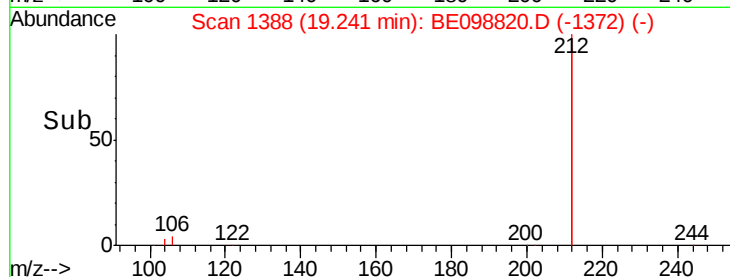
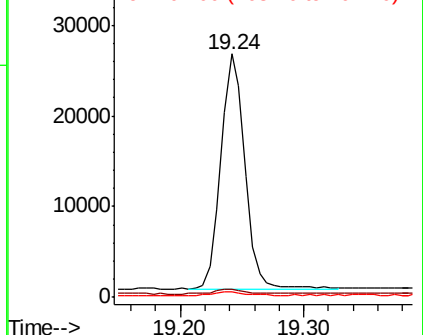
104 1.6 1.0 1.6#



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

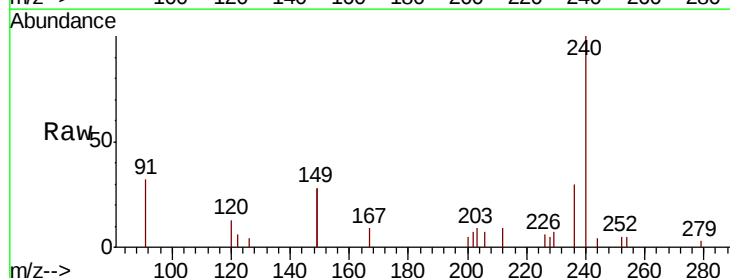
Tgt Ion:240 Resp: 8359

Ion Ratio Lower Upper

240 100

120 12.9 5.0 7.4#

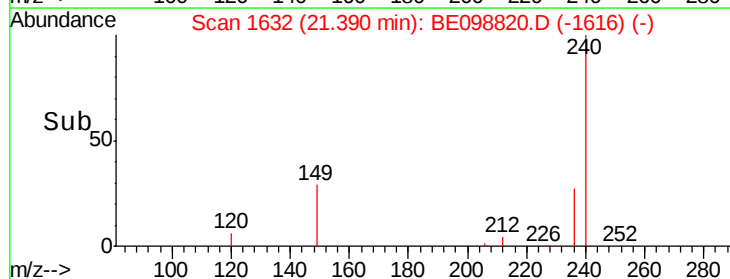
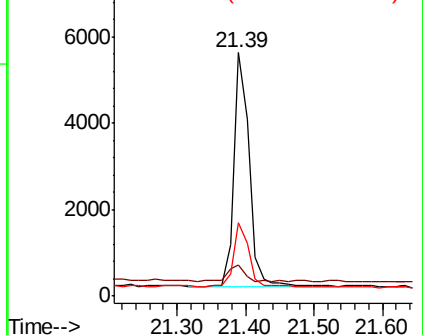
236 30.4 22.7 34.1

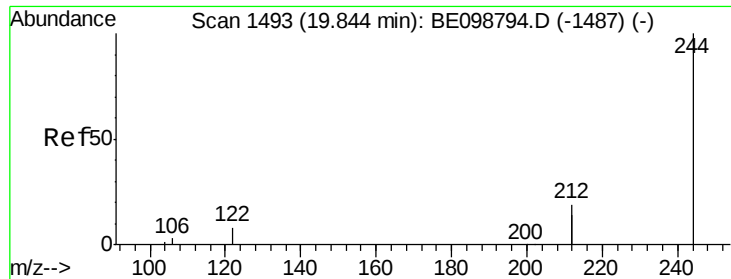


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

Instrument :

BNA_E

ClientSampleId :

A0C6-3-AQ

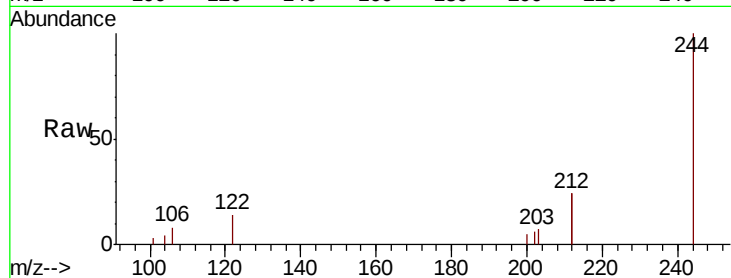
Tgt Ion:244 Resp: 8614

Ion Ratio Lower Upper

244 100

212 48.7 29.4 44.2#

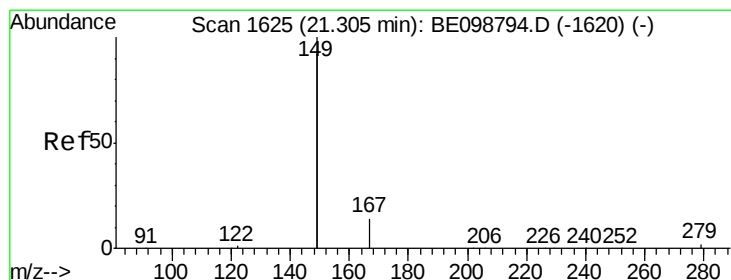
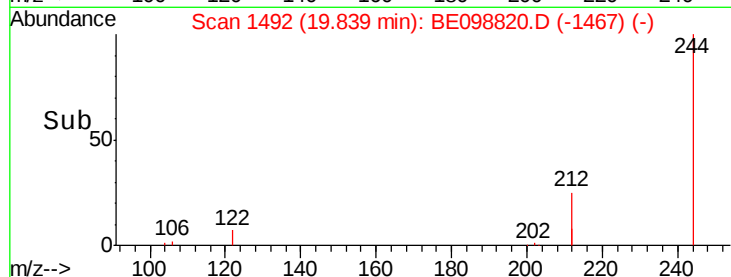
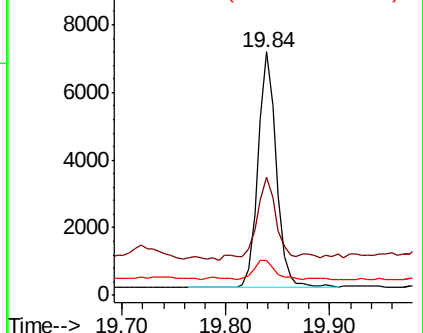
122 14.2 7.1 10.7#



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: 0.186 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098820.D

Acq: 7 Mar 2019 15:02

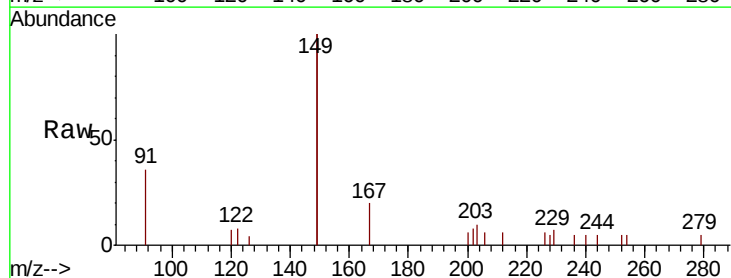
Tgt Ion:149 Resp: 10325

Ion Ratio Lower Upper

149 100

167 8.9 5.4 8.0#

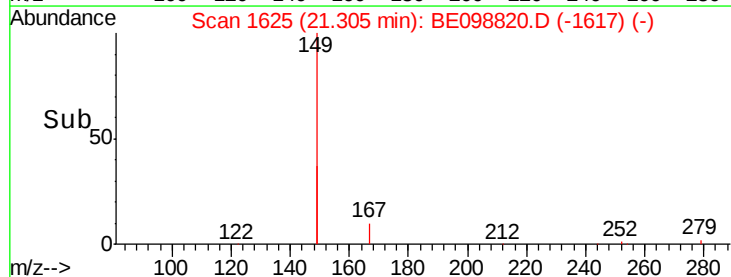
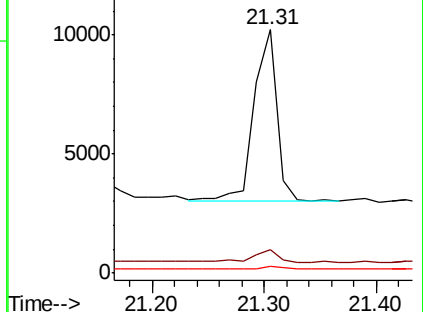
279 2.1 1.0 1.4#



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

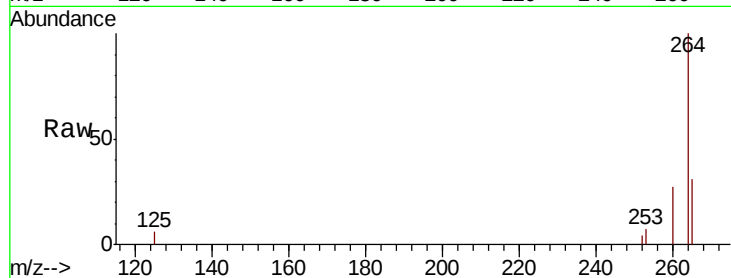




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098820.D
Acq: 7 Mar 2019 15:02

Instrument :
BNA_E
ClientSampleId :
A0C6-3-AQ

Tgt Ion: 264 Resp: 7947
Ion Ratio Lower Upper
264 100
260 26.6 21.2 31.8
265 31.5 24.6 36.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

