

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022719\
 Data File : BE098777.D
 Acq On : 27 Feb 2019 15:20
 Operator : JU/SJ
 Sample : K1603-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

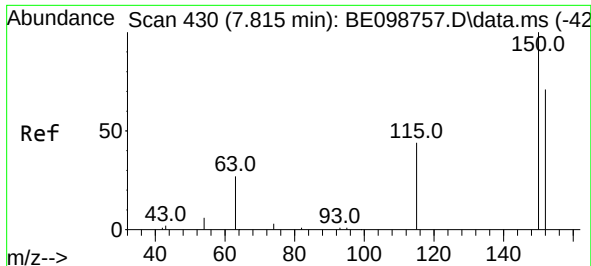
Instrument :
 BNA_E
 ClientSampleId :
 M2-T2-UV(POST)

Quant Time: Feb 28 02:42:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE022619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 26 15:44:42 2019
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	1363	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	5599	0.40	ng	0.01
13) Acenaphthene-d10	14.471	164	3891	0.40	ng	0.00
19) Phenanthrene-d10	17.227	188	9688	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	7669	0.40	ng	# 0.00
34) Perylene-d12	23.931	264	4644	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	316	0.09	ng	0.00
5) Phenol-d6	7.046	99	199	0.04	ng	0.05
8) Nitrobenzene-d5	9.004	82	942	0.21	ng	0.03
11) 2-Methylnaphthalene-d10	12.224	152	2228	0.21	ng	0.01
14) 2,4,6-Tribromophenol	15.982	330	359	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.103	172	3798	0.23	ng	0.01
25) Fluoranthene-d10	19.264	212	18267	0.13	ng	0.01
29) Terphenyl-d14	19.856	244	5466	0.29	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.648	42	73	0.11	ng	# 13
6) bis(2-Chloroethyl)ether	7.219	93	7	0.07	ng	# 40
22) Pentachlorophenol	16.906	266	10	0.21	ng	# 69
32) Bis(2-ethylhexyl)phtha...	21.306	149	3342	0.07	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.559	276	2	0.09	ng	# 1
38) Dibenzo(a,h)anthracene	26.580	278	2	0.14	ng	# 1

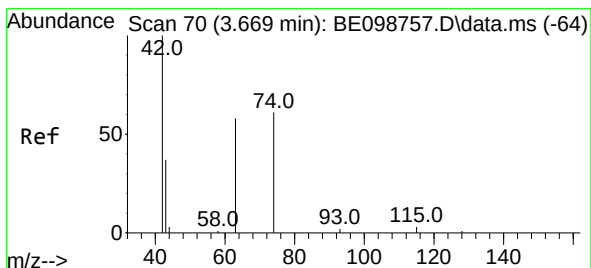
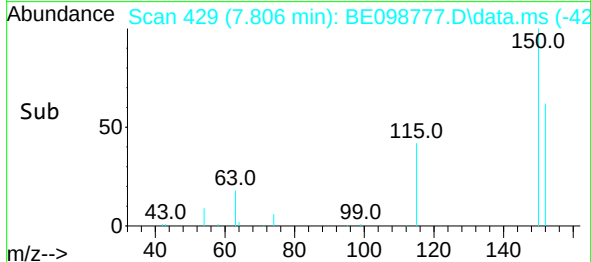
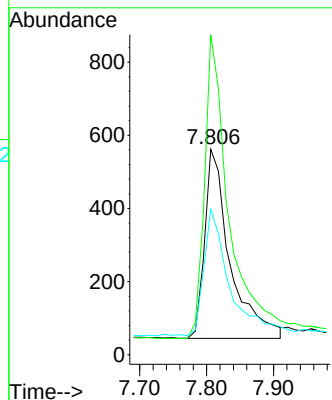
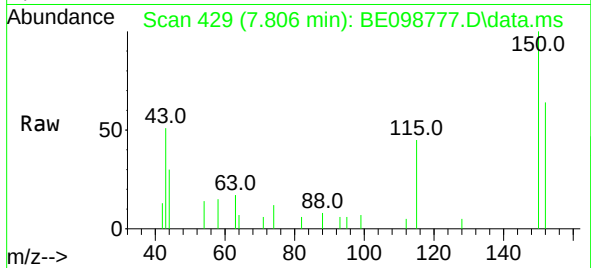
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.806 min Scan# 429
 Delta R.T. -0.009 min
 Lab File: BE098777.D
 Acq: 27 Feb 2019 15:20

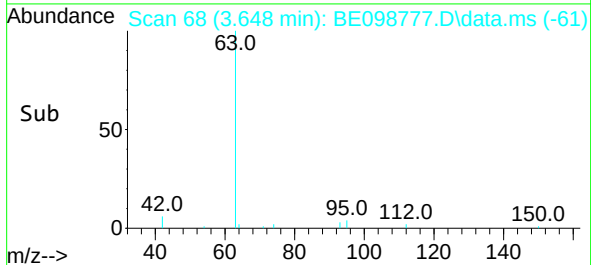
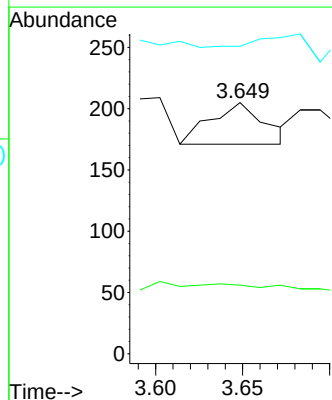
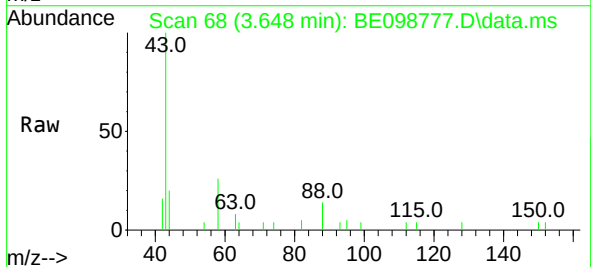
Instrument :
 BNA_E
 ClientSampleId :
 M2-T2-UV(POST)

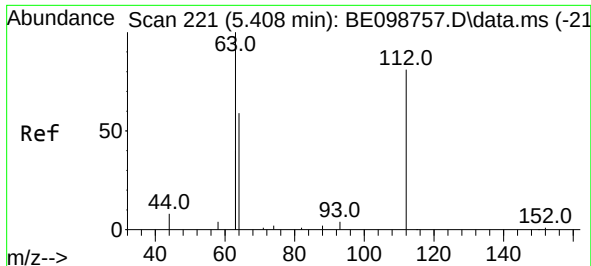
Tgt Ion:152 Resp: 1363
 Ion Ratio Lower Upper
 152 100
 150 155.7 121.4 182.2
 115 70.6 59.1 88.7



#3
 n-Nitrosodimethylamine
 Concen: 0.11 ng
 RT: 3.648 min Scan# 68
 Delta R.T. -0.021 min
 Lab File: BE098777.D
 Acq: 27 Feb 2019 15:20

Tgt Ion: 42 Resp: 73
 Ion Ratio Lower Upper
 42 100
 74 0.0 58.9 88.3#
 44 0.0 0.0 0.0

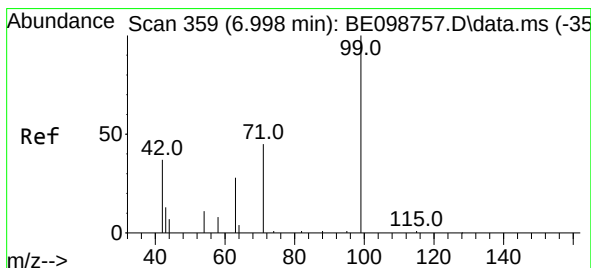
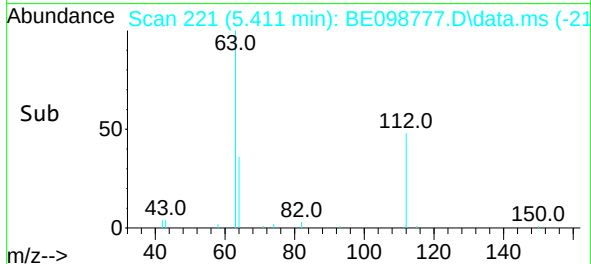
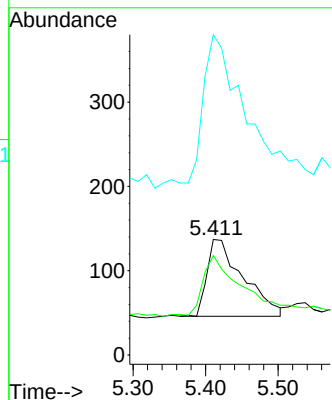
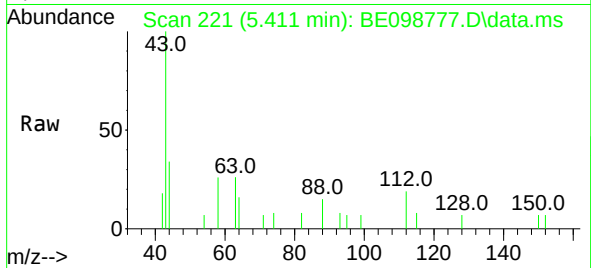




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.411 min Scan# 221
Delta R.T. 0.002 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

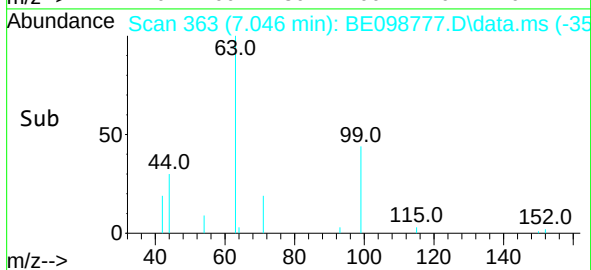
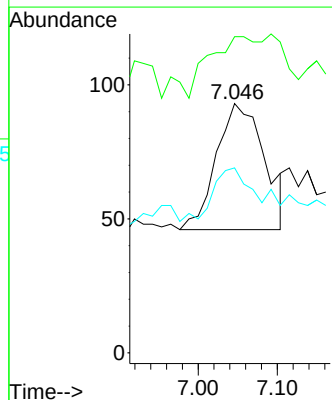
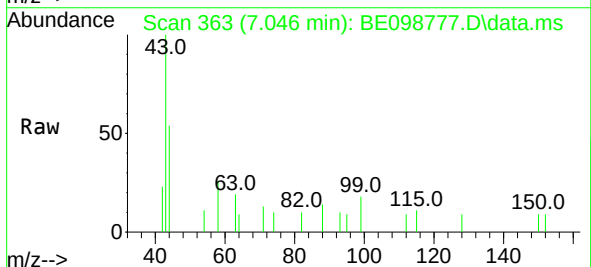
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BNA_E
ClientSampleId :
M2-T2-UV(POST)

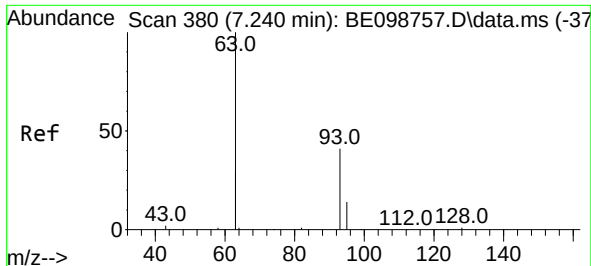
Tgt Ion:112 Resp: 316
Ion Ratio Lower Upper
112 100
64 103.8 62.9 94.3#
63 232.3 152.2 228.4#



#5
Phenol-d6
Concen: 0.04 ng
RT: 7.046 min Scan# 363
Delta R.T. 0.048 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion: 99 Resp: 199
Ion Ratio Lower Upper
99 100
42 45.2 24.6 37.0#
71 29.6 35.1 52.7#

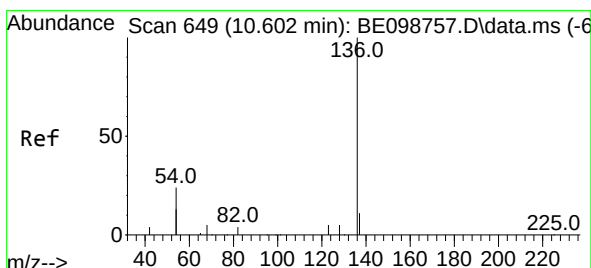
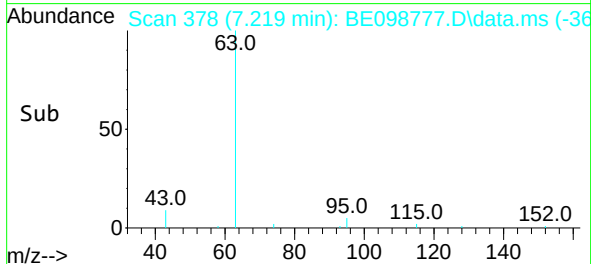
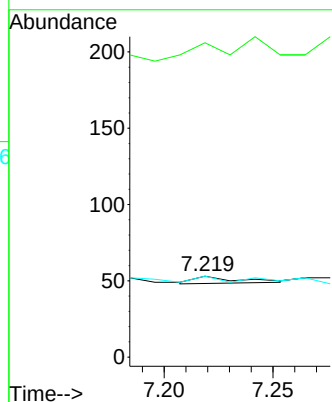
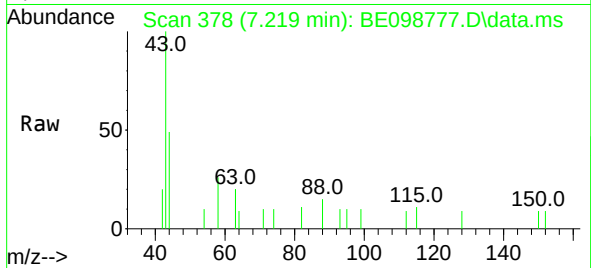




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.219 min Scan# 378
Delta R.T. -0.021 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

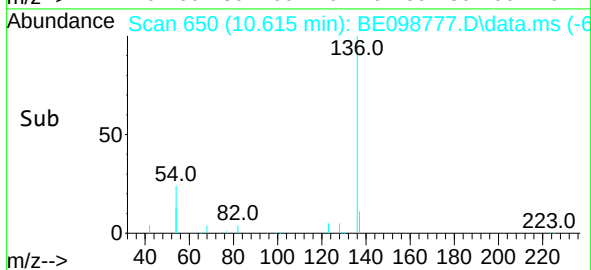
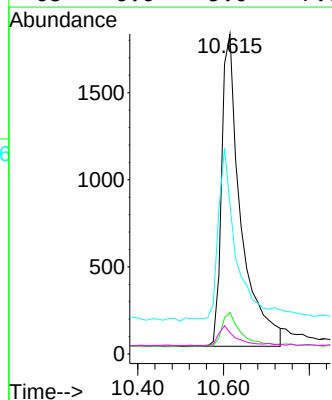
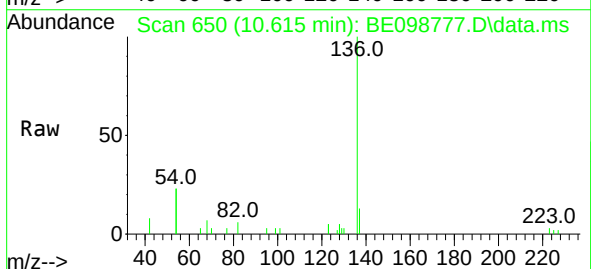
Instrument :
BNA_E
ClientSampleId :
M2-T2-UV(POST)

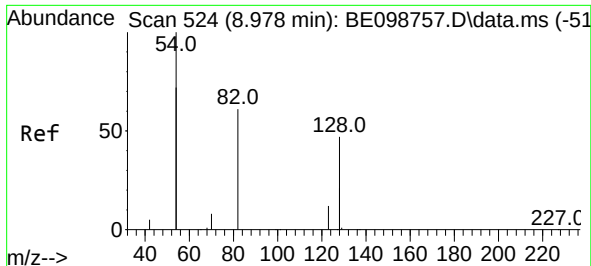
Tgt Ion: 93 Resp: 7
Ion Ratio Lower Upper
93 100
63 200.0 267.3 400.9#
95 42.9 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion:136 Resp: 5599
Ion Ratio Lower Upper
136 100
137 13.0 9.7 14.5
54 46.8 35.5 53.3
68 6.6 5.0 7.6

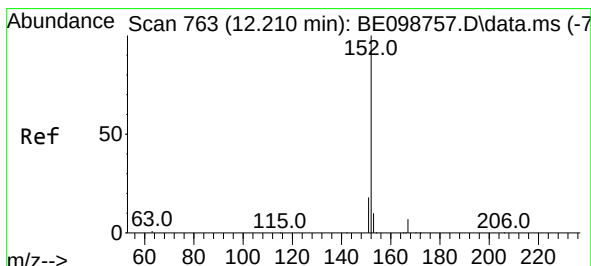
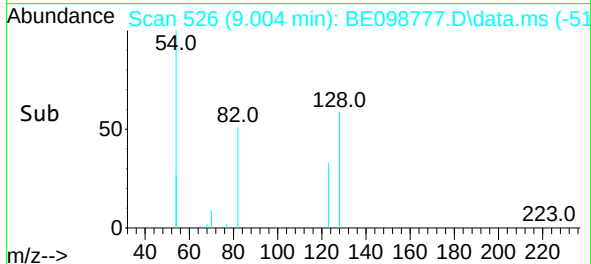
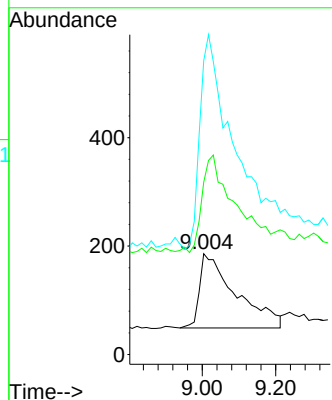
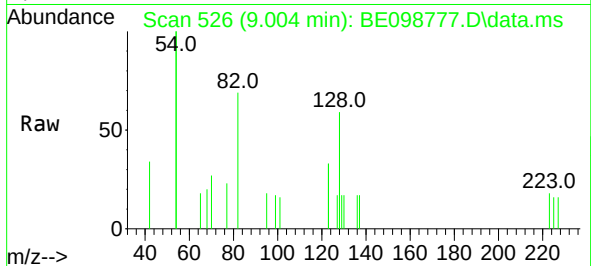




#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.004 min Scan# 526
Delta R.T. 0.026 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

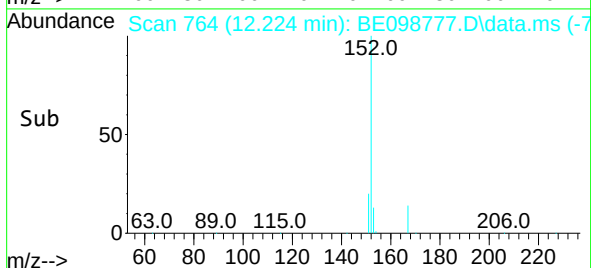
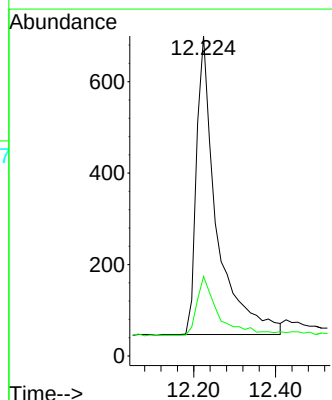
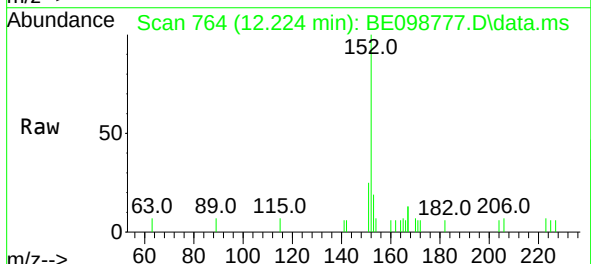
Instrument :
BNA_E
ClientSampleId :
M2-T2-UV(POST)

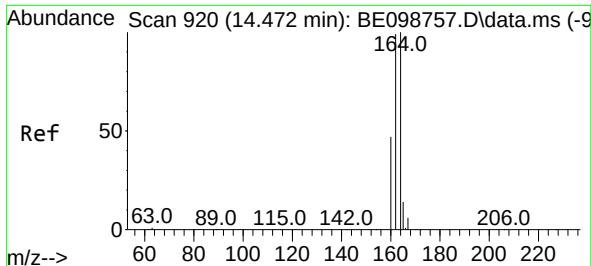
Tgt Ion: 82 Resp: 942
Ion Ratio Lower Upper
82 100
128 171.0 96.5 144.7#
54 291.4 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.224 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion: 152 Resp: 2228
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4

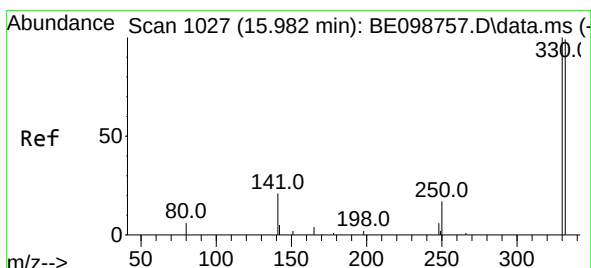
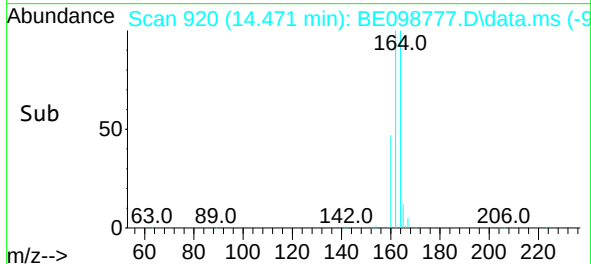
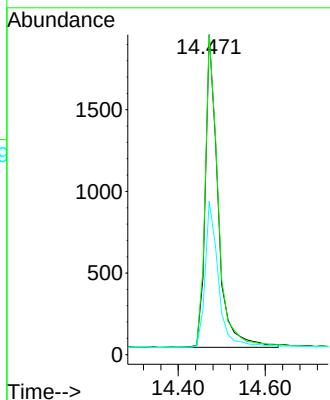
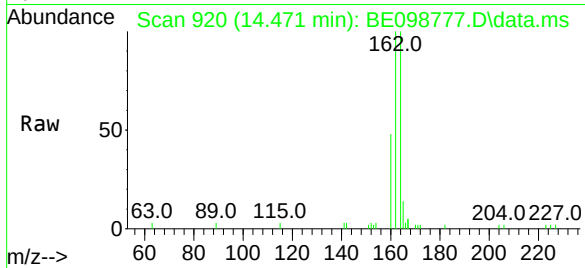




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

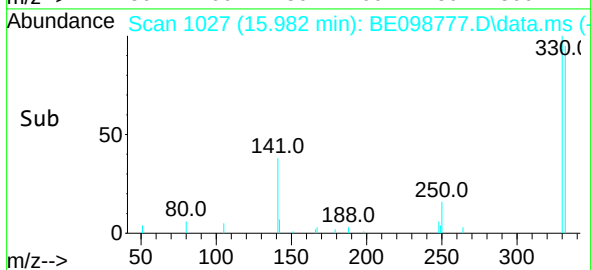
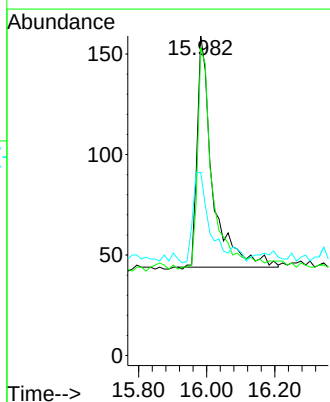
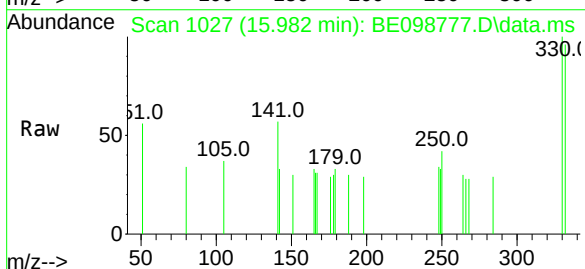
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ClientSampleId :
M2-T2-UV(POST)

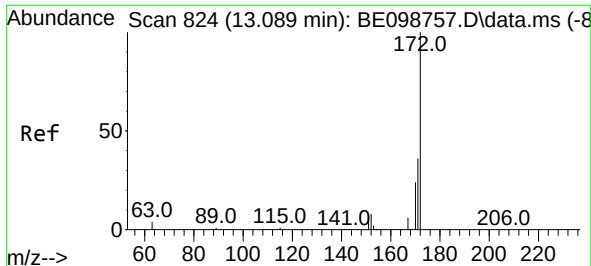
Tgt Ion:164	Resp:	3891
Ion Ratio	Lower	Upper
164	100	
162	99.9	80.5 120.7
160	47.9	40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.982 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion:330	Resp:	359
Ion Ratio	Lower	Upper
330	100	
332	95.0	73.3 109.9
141	41.8	33.1 49.7

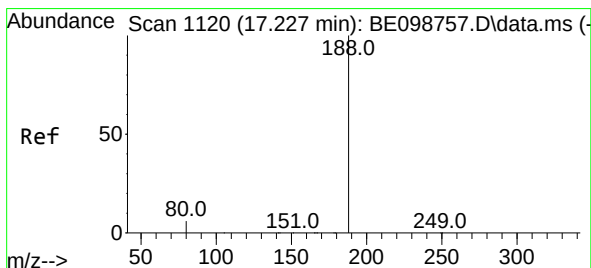
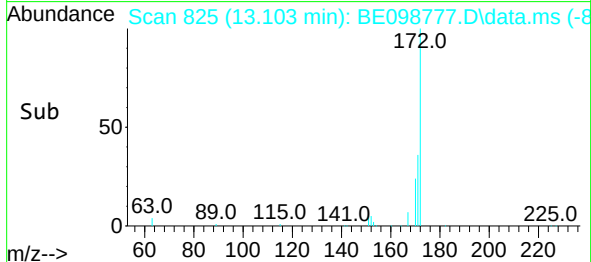
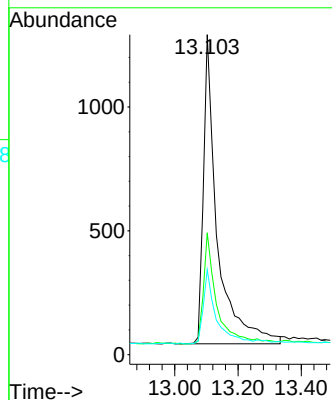
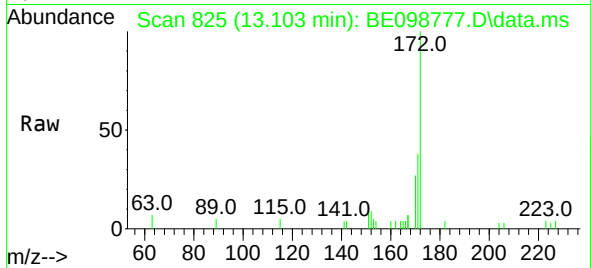




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.103 min Scan# 825
Delta R.T. 0.014 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

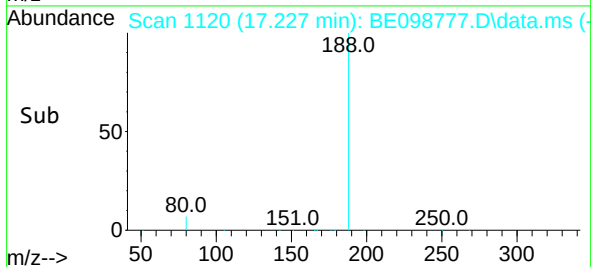
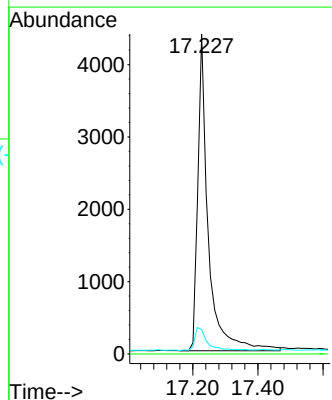
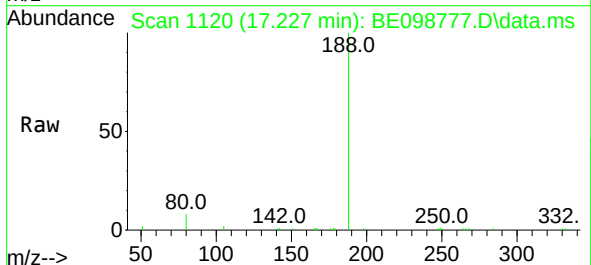
Instrument :
BNA_E
ClientSampleId :
M2-T2-UV(POST)

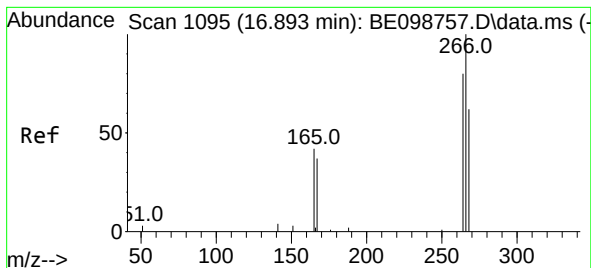
Tgt Ion:	172	Resp:	3798
Ion Ratio	Lower	Upper	
172	100		
171	38.1	29.0	43.4
170	26.5	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.227 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion:	188	Resp:	9688
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	4.7	7.1#





#22

Pentachlorophenol

Concen: 0.21 ng

RT: 16.906 min Scan# 1096

Delta R.T. 0.013 min

Lab File: BE098777.D

Acq: 27 Feb 2019 15:20

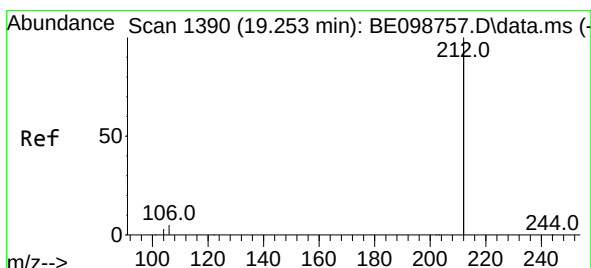
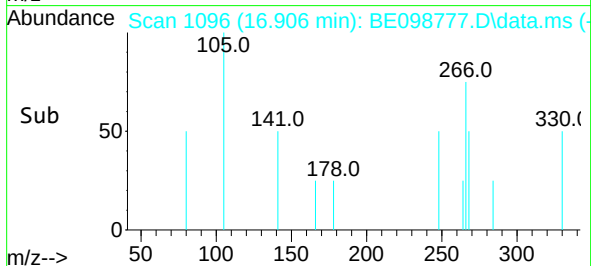
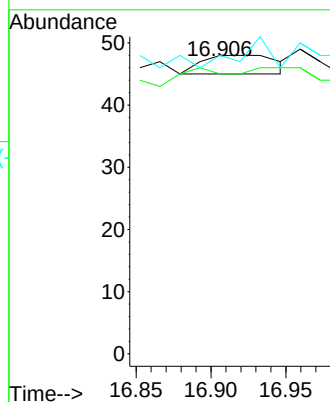
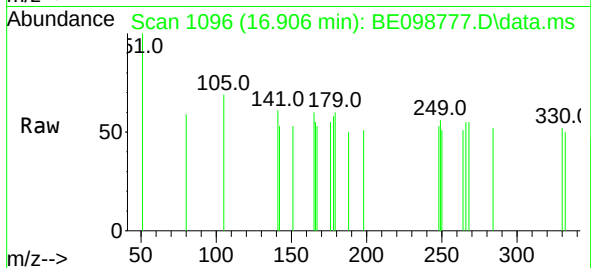
Tgt Ion:	266	Resp:	10
Ion Ratio	Lower	Upper	
266	100		
264	93.8	53.7	80.5#
268	100.0	59.8	89.8#

Instrument :

BNA_E

ClientSampleId :

M2-T2-UV(POST)



#25

Fluoranthene-d10

Concen: 0.13 ng

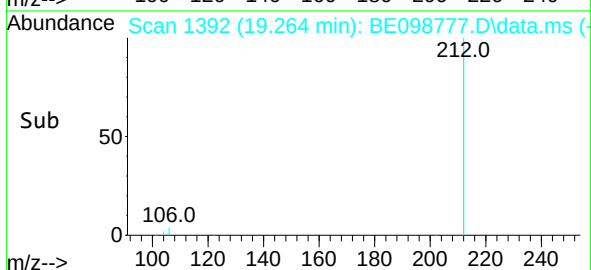
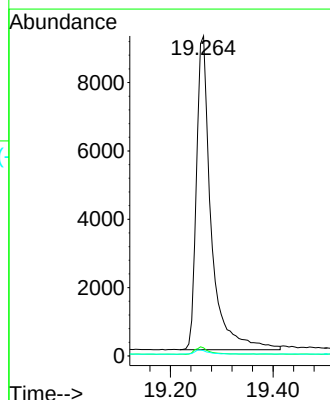
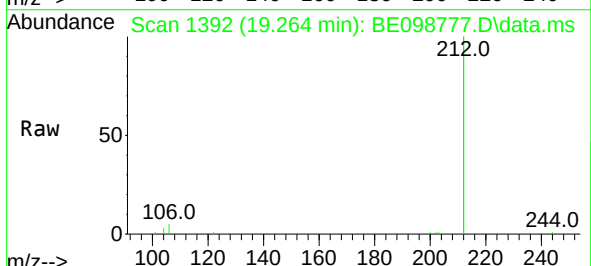
RT: 19.264 min Scan# 1392

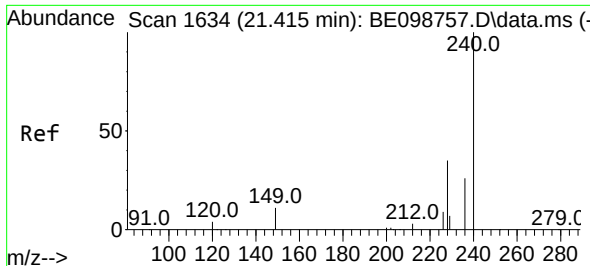
Delta R.T. 0.011 min

Lab File: BE098777.D

Acq: 27 Feb 2019 15:20

Tgt Ion:	212	Resp:	18267
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.7	2.5
104	1.2	1.0	1.6

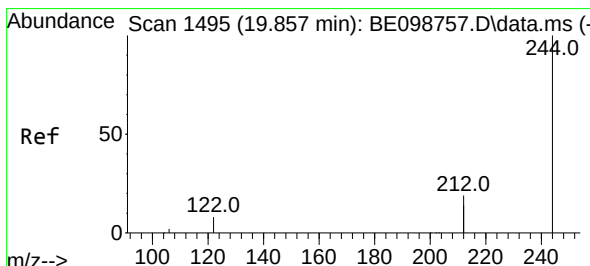
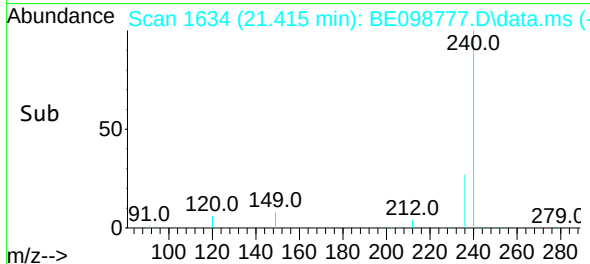
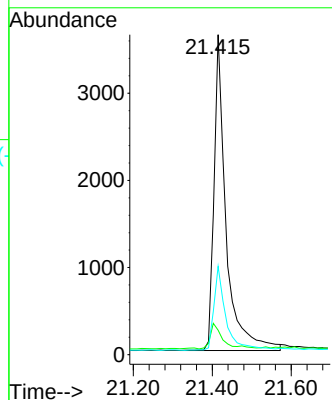
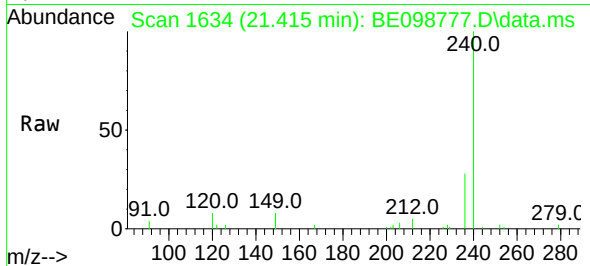




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

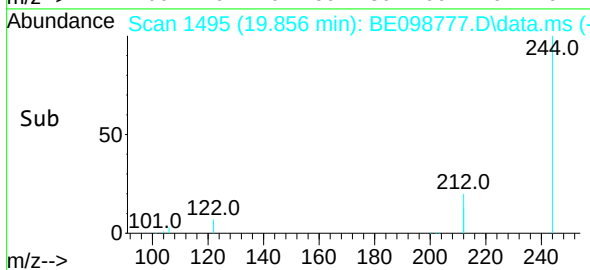
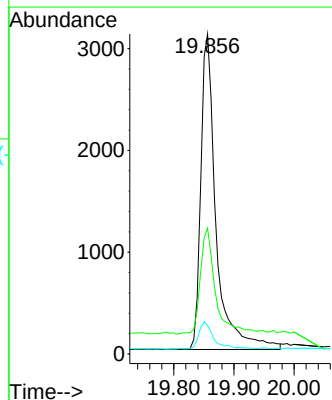
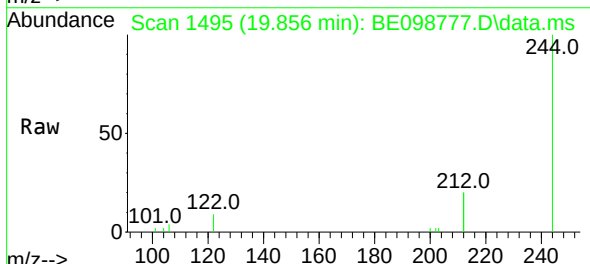
Instrument :
BNA_E
ClientSampleId :
M2-T2-UV(POST)

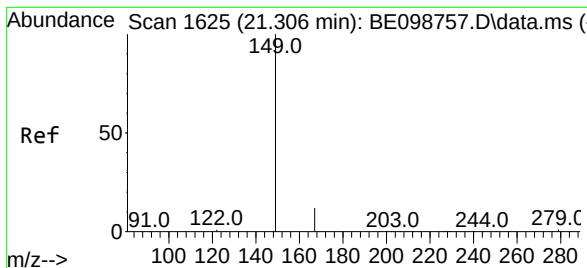
Tgt Ion:240 Resp: 7669
Ion Ratio Lower Upper
240 100
120 7.7 4.7 7.1#
236 27.6 21.9 32.9



#29
Terphenyl-d14
Concen: 0.29 ng
RT: 19.856 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion:244 Resp: 5466
Ion Ratio Lower Upper
244 100
212 39.4 29.4 44.2
122 8.9 7.1 10.7

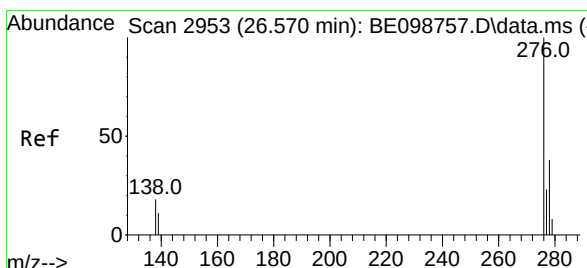
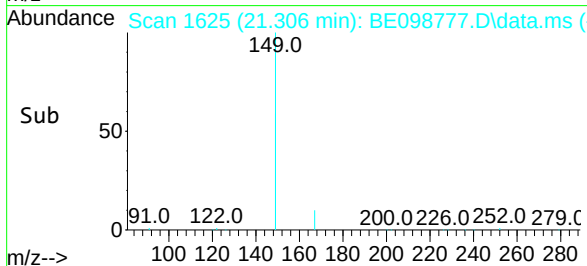
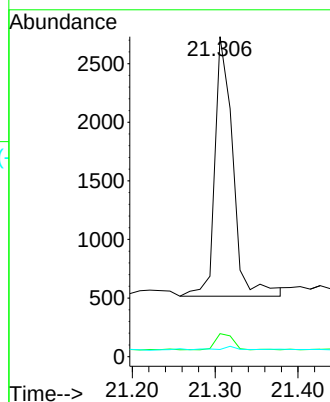
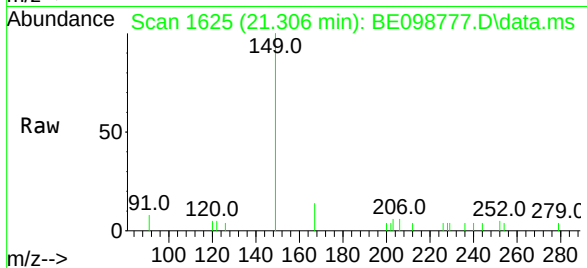




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.306 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

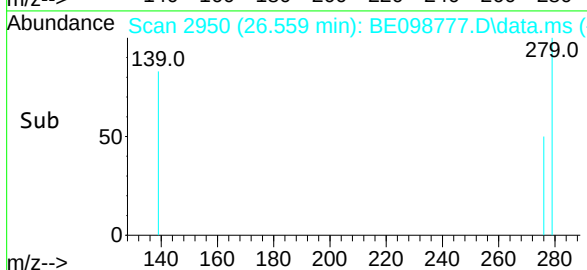
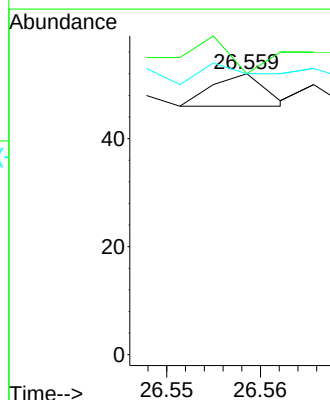
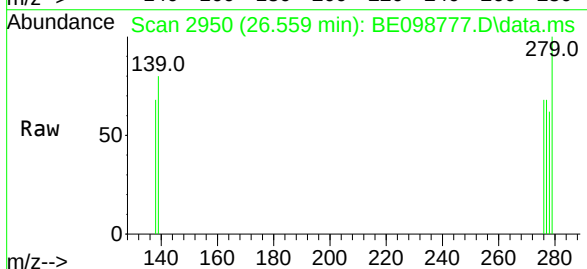
Instrument :
BNA_E
ClientSampleId :
M2-T2-UV(POST)

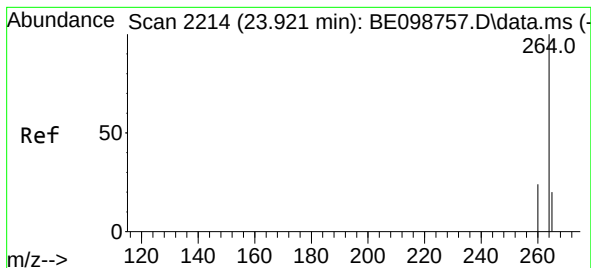
Tgt Ion:149 Resp: 3342
Ion Ratio Lower Upper
149 100
167 6.1 5.4 8.2
279 0.6 1.0 1.4#



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.559 min Scan# 2950
Delta R.T. -0.011 min
Lab File: BE098777.D
Acq: 27 Feb 2019 15:20

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 500.0 13.3 19.9#
277 100.0 19.4 29.0#





#34

Perylene-d12

Concen: 0.40 ng

RT: 23.931 min Scan# 2217

Delta R.T. 0.010 min

Lab File: BE098777.D

Acq: 27 Feb 2019 15:20

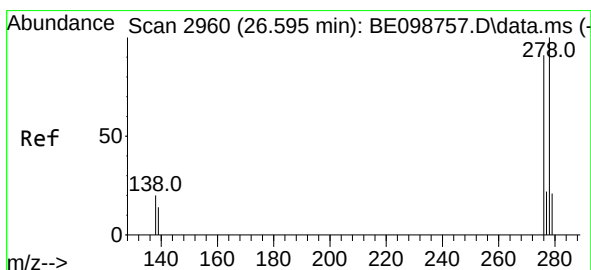
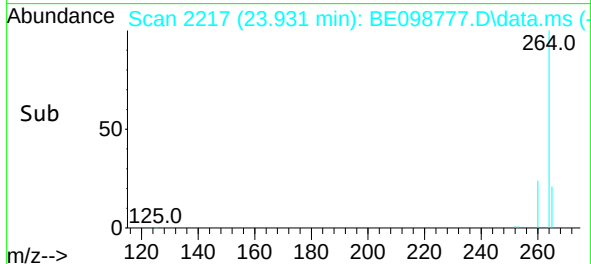
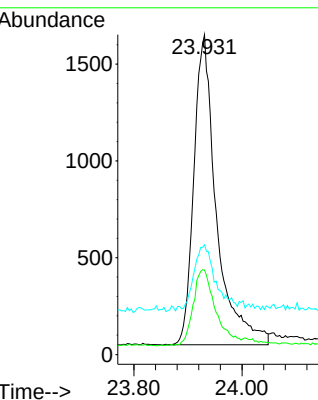
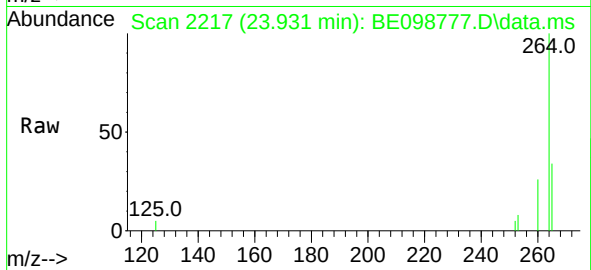
Tgt Ion:264 Resp: 4644

Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 34.3 22.3 33.5#



#38

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 26.580 min Scan# 2956

Delta R.T. -0.015 min

Lab File: BE098777.D

Acq: 27 Feb 2019 15:20

Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 121.2 12.7 19.1#

279 142.3 22.0 33.0#

