

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE021319\
 Data File : BE098730.D
 Acq On : 13 Feb 2019 16:50
 Operator : JU/SJ
 Sample : PB117079BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117079BL

Quant Time: Feb 14 04:06:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 24 14:44:44 2019
 Response via : Initial Calibration

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

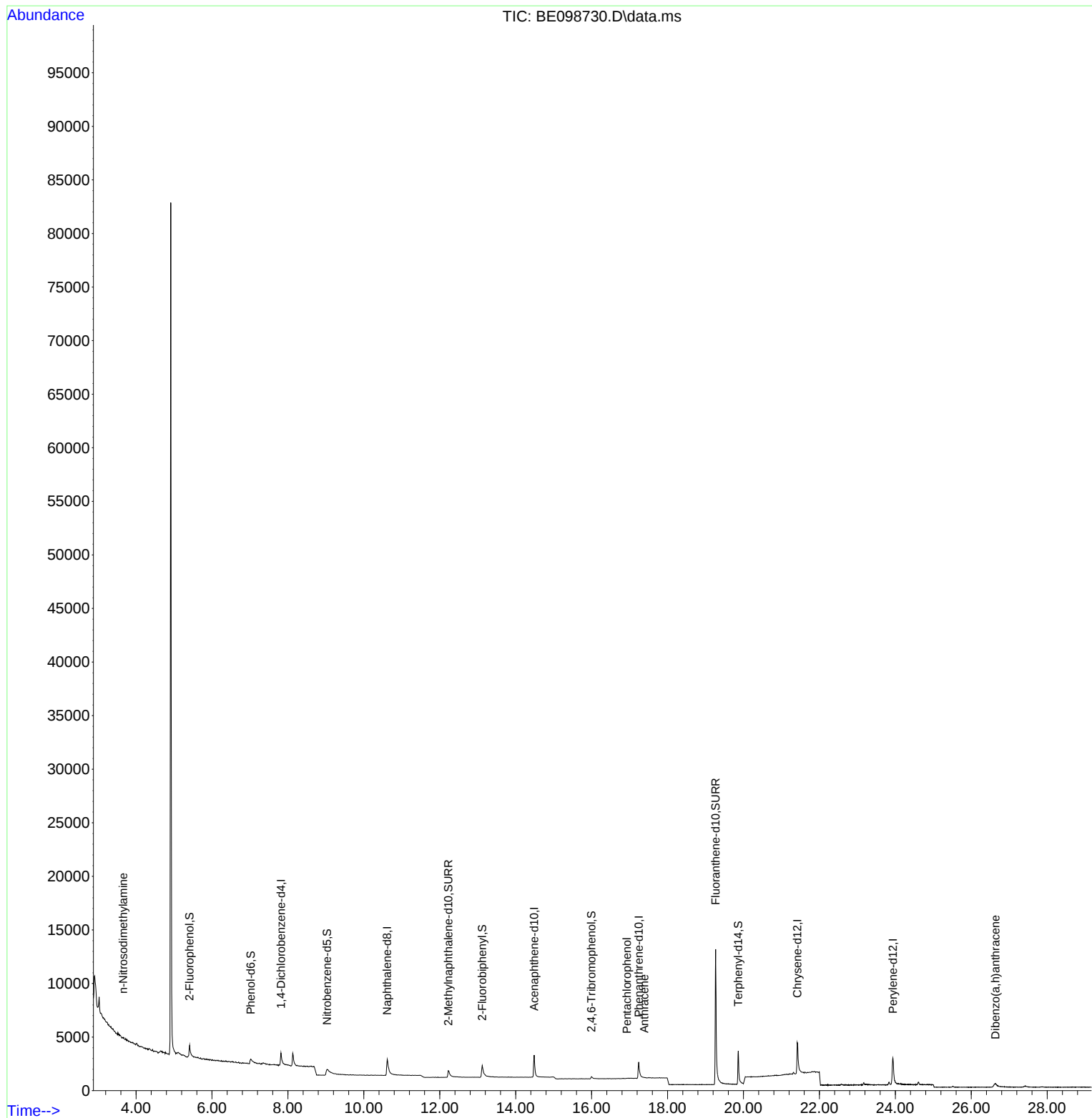
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	811	0.40	ng	0.00
7) Naphthalene-d8	10.615	136	3090	0.40	ng	# 0.01
13) Acenaphthene-d10	14.486	164	1839	0.40	ng	0.02
19) Phenanthrene-d10	17.241	188	4270	0.40	ng	# 0.01
27) Chrysene-d12	21.415	240	5435	0.40	ng	# 0.00
34) Perylene-d12	23.935	264	5031	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.410	112	959	0.40	ng	0.01
5) Phenol-d6	7.022	99	1158	0.33	ng	0.02
8) Nitrobenzene-d5	9.030	82	825	0.30	ng	0.05
11) 2-Methylnaphthalene-d10	12.224	152	2092	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.996	330	247	0.30	ng	0.01
15) 2-Fluorobiphenyl	13.117	172	2567	0.33	ng	0.01
25) Fluoranthene-d10	19.265	212	25126	0.41	ng	0.00
29) Terphenyl-d14	19.862	244	4267	0.31	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.659	42	175	0.13	ng	# 13
22) Pentachlorophenol	16.933	266	17	0.02	ng	# 76
24) Anthracene	17.388	178	11	0.07	ng	# 44
38) Dibenzo(a,h)anthracene	26.634	278	319	0.02	ng	# 48

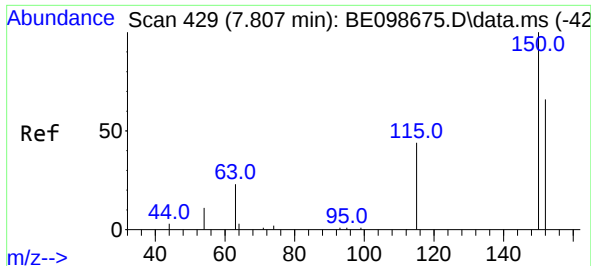
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

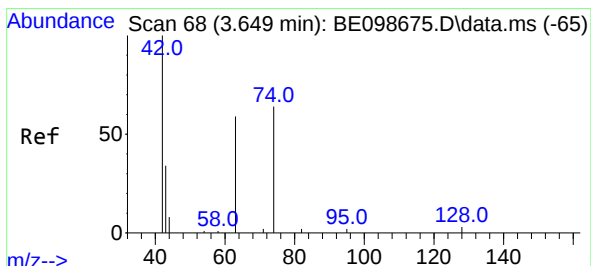
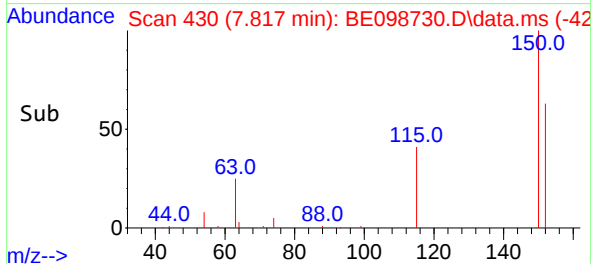
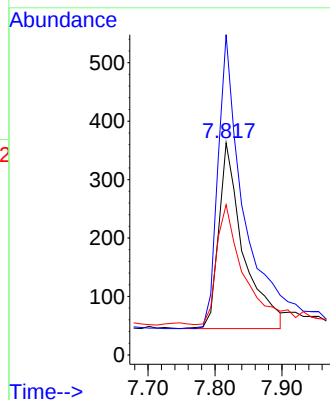
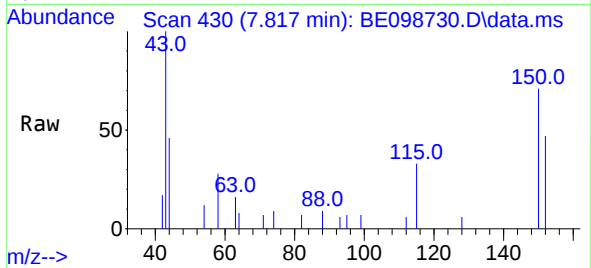




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.817 min Scan# 430
Delta R.T. 0.010 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

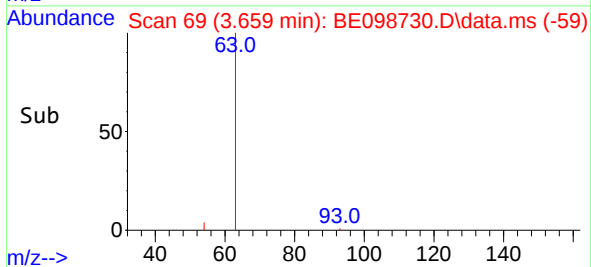
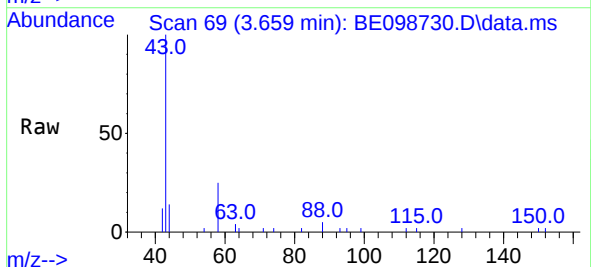
Instrument :
BNA_E
ClientSampleId :
PB117079BL

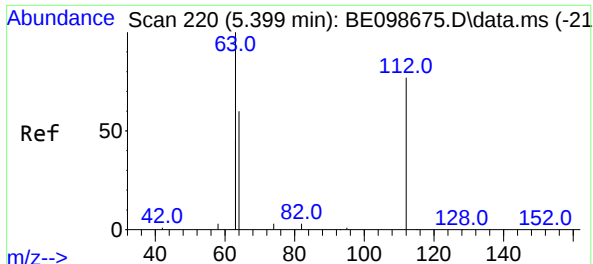
Tgt Ion:152 Resp: 811
Ion Ratio Lower Upper
152 100
150 151.0 121.4 182.2
115 70.8 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 0.13 ng
RT: 3.659 min Scan# 69
Delta R.T. 0.010 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion: 42 Resp: 175
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 0.0 0.0 0.0

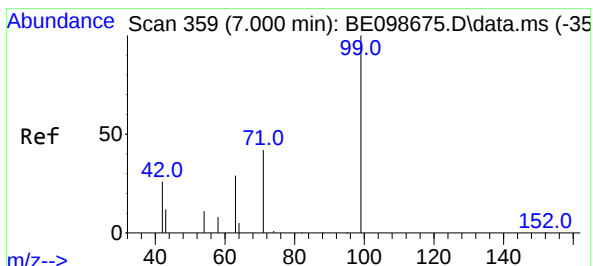
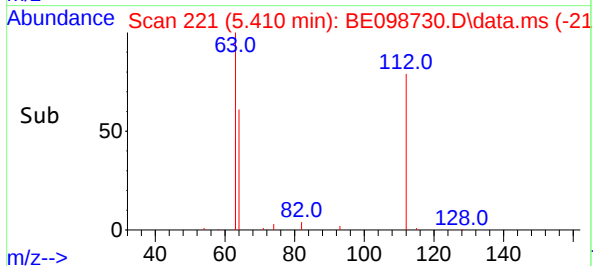
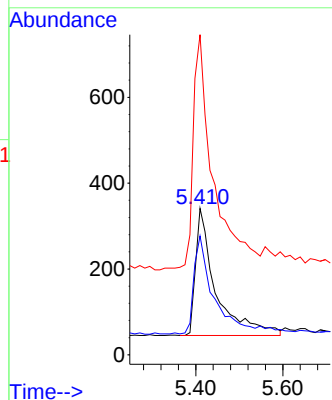
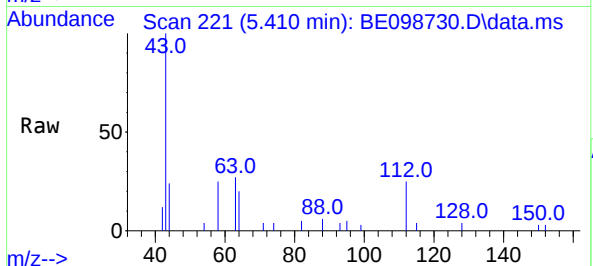




#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.410 min Scan# 221
Delta R.T. 0.011 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

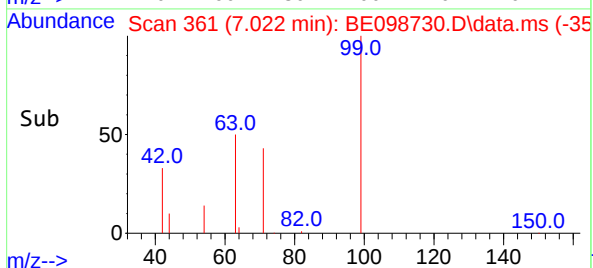
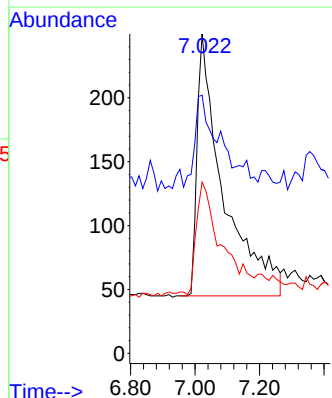
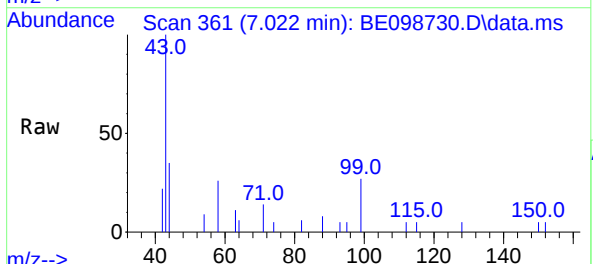
Instrument :
BNA_E
ClientSampleId :
PB117079BL

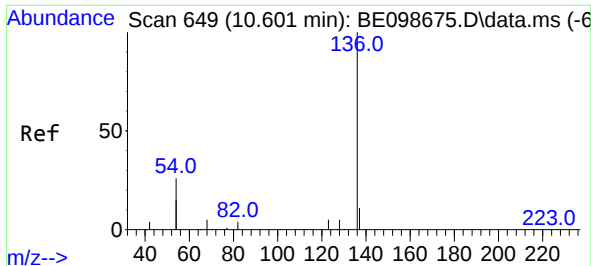
Tgt Ion:112 Resp: 959
Ion Ratio Lower Upper
112 100
64 72.5 62.9 94.3
63 178.8 152.2 228.4



#5
Phenol-d6
Concen: 0.33 ng
RT: 7.022 min Scan# 361
Delta R.T. 0.022 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion: 99 Resp: 1158
Ion Ratio Lower Upper
99 100
42 29.9 24.6 37.0
71 40.2 35.1 52.7



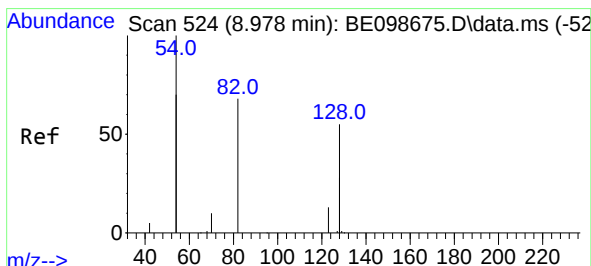
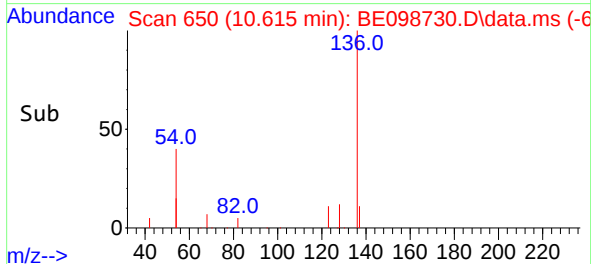
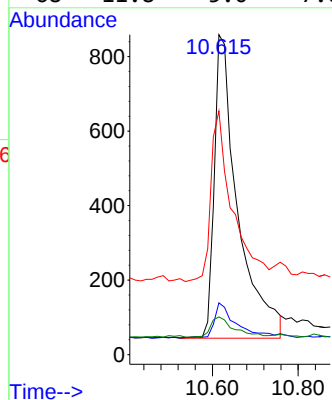
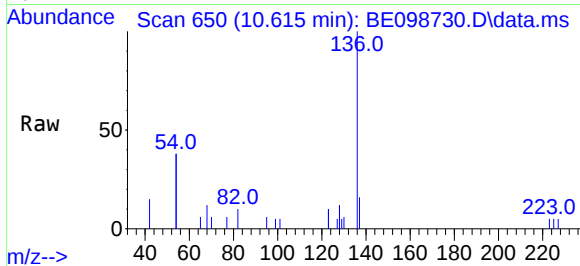


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.014 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Instrument :
BNA_E
ClientSampleId :
PB117079BL

Tgt Ion: 136 Resp: 3090

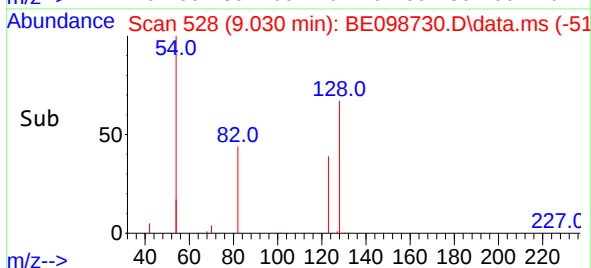
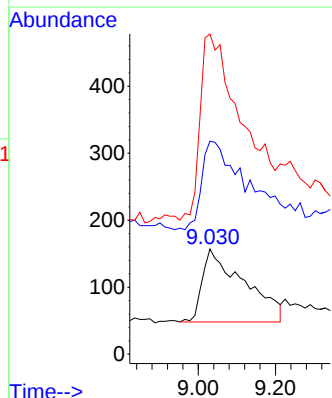
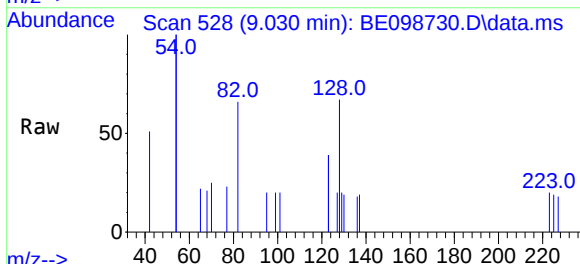
Ion	Ratio	Lower	Upper
136	100		
137	16.2	9.7	14.5#
54	76.1	35.5	53.3#
68	11.8	5.0	7.6#

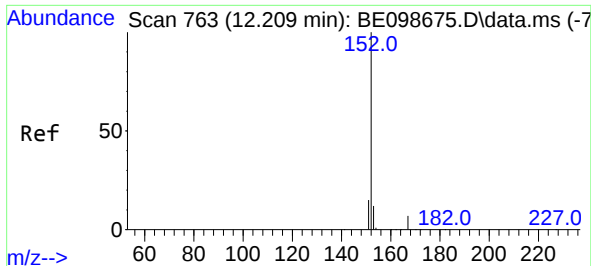


#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 9.030 min Scan# 528
Delta R.T. 0.052 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion: 82 Resp: 825

Ion	Ratio	Lower	Upper
82	100		
128	202.5	96.5	144.7#
54	304.5	224.7	337.1

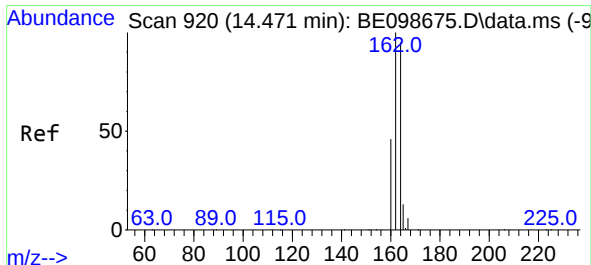
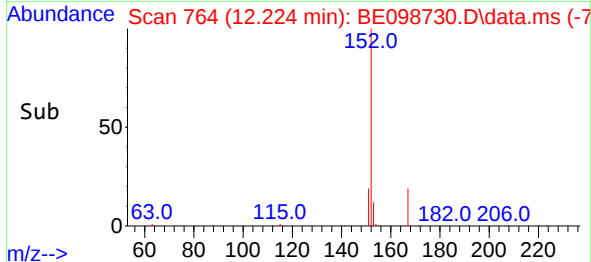
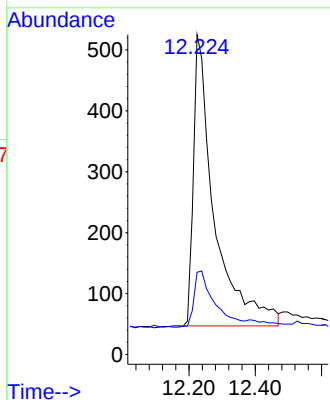
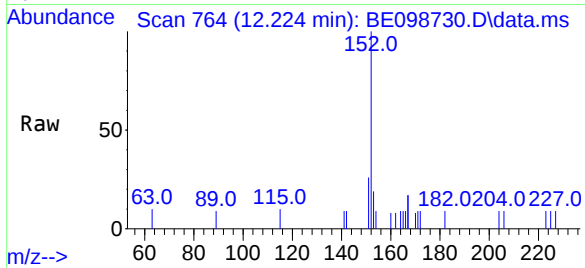




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.224 min Scan# 764
Delta R.T. 0.015 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

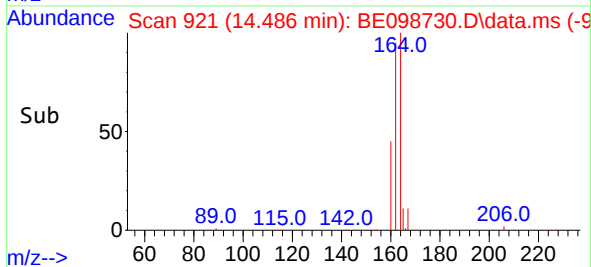
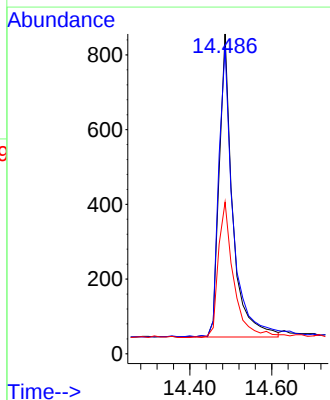
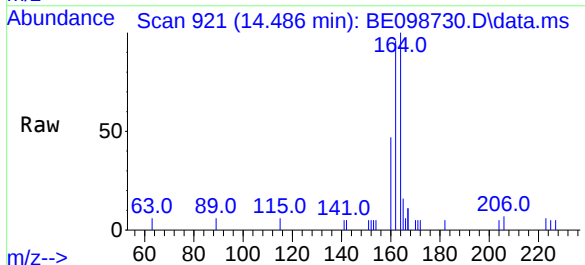
Instrument :
BNA_E
ClientSampleId :
PB117079BL

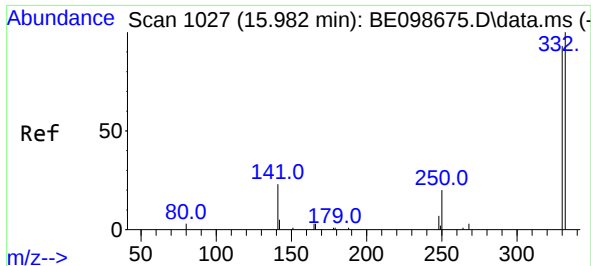
Tgt Ion:152 Resp: 2092
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.015 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion:164 Resp: 1839
Ion Ratio Lower Upper
164 100
162 95.8 80.5 120.7
160 47.4 40.1 60.1

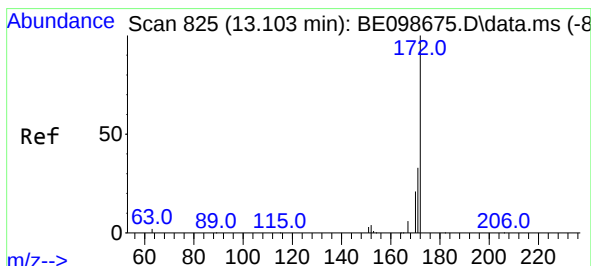
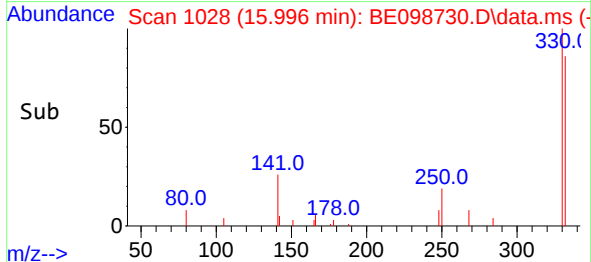
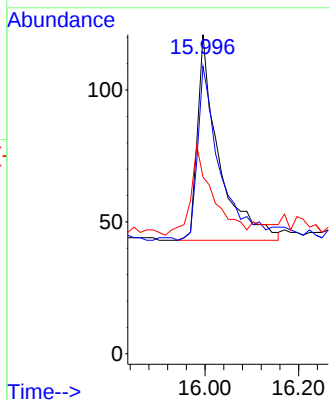
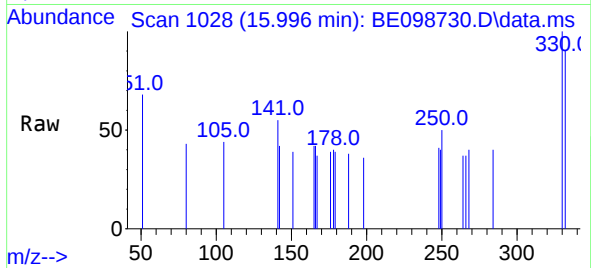




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.996 min Scan# 1028
Delta R.T. 0.014 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

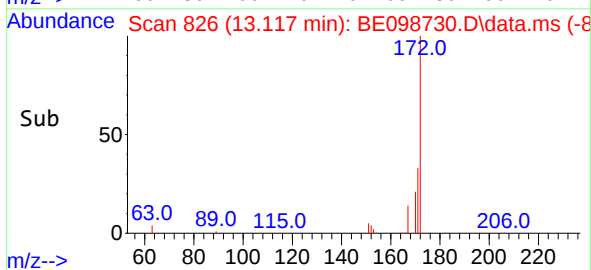
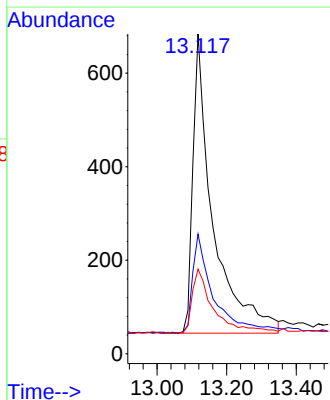
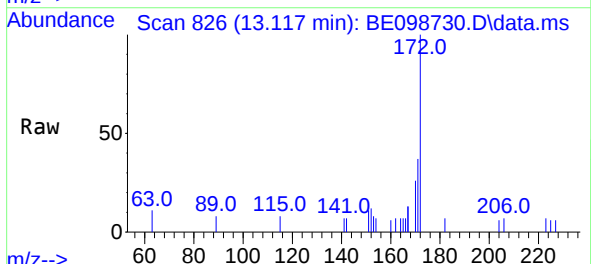
Instrument :
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PB117079BL

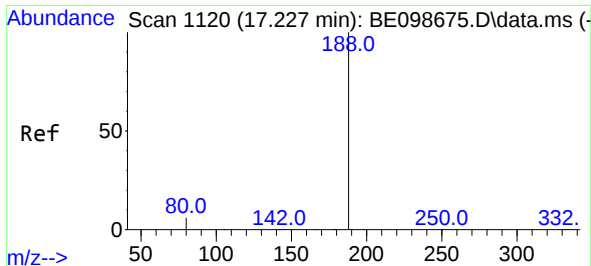
Tgt Ion:330 Resp: 247
Ion Ratio Lower Upper
330 100
332 90.7 73.3 109.9
141 36.4 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.117 min Scan# 826
Delta R.T. 0.014 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion:172 Resp: 2567
Ion Ratio Lower Upper
172 100
171 37.4 29.0 43.4
170 26.5 20.8 31.2

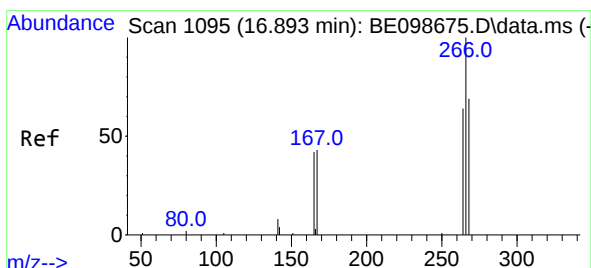
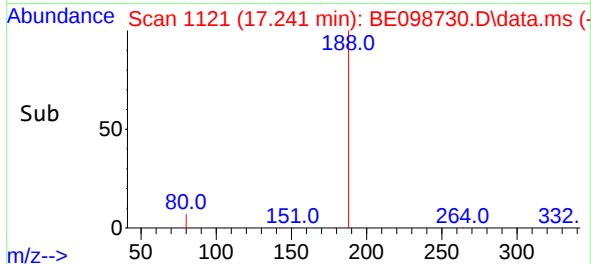
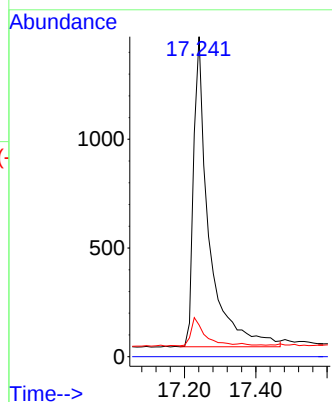
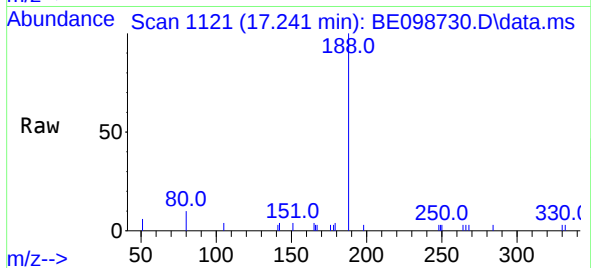




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.241 min Scan# 1121
Delta R.T. 0.014 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

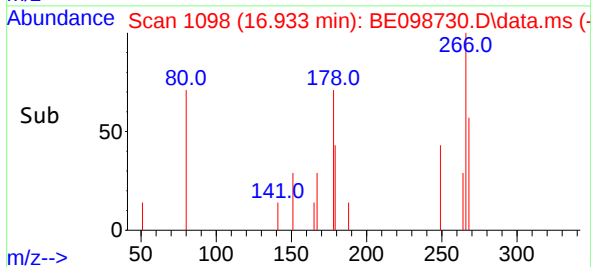
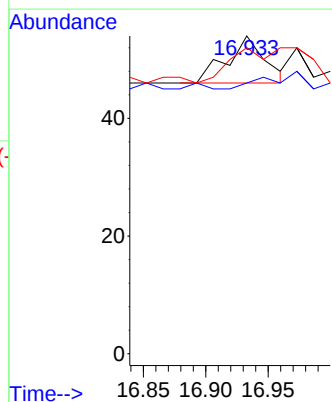
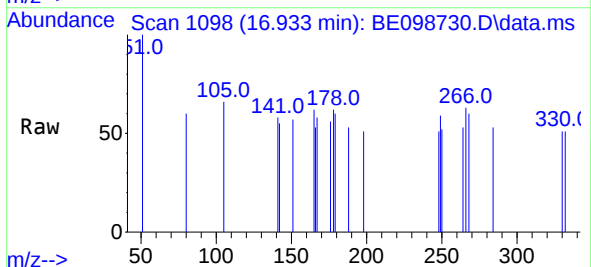
Instrument :
BNA_E
ClientSampleId :
PB117079BL

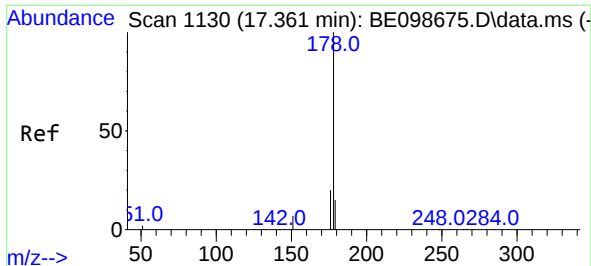
Tgt Ion:188 Resp: 4270
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.02 ng
RT: 16.933 min Scan# 1098
Delta R.T. 0.040 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
264 85.2 53.7 80.5#
268 96.3 59.8 89.8#

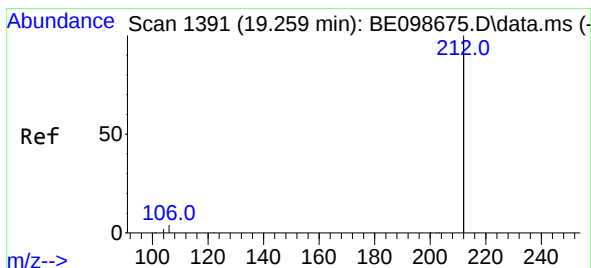
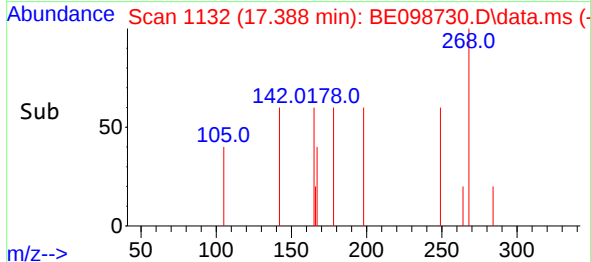
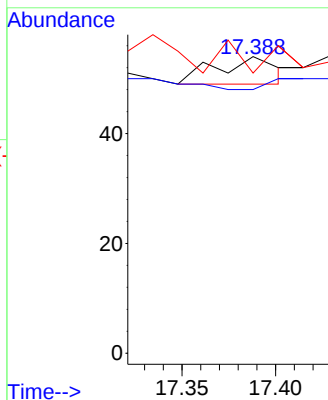
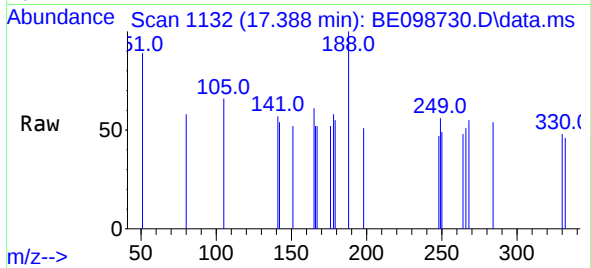




#24
 Anthracene
 Concen: 0.07 ng
 RT: 17.388 min Scan# 1132
 Delta R.T. 0.027 min
 Lab File: BE098730.D
 Acq: 13 Feb 2019 16:50

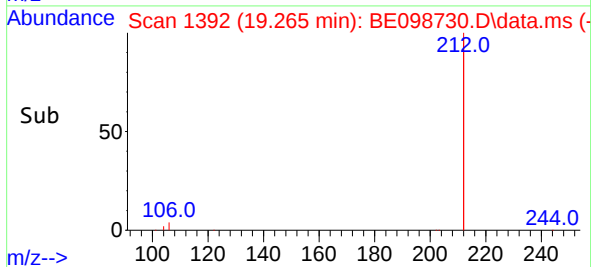
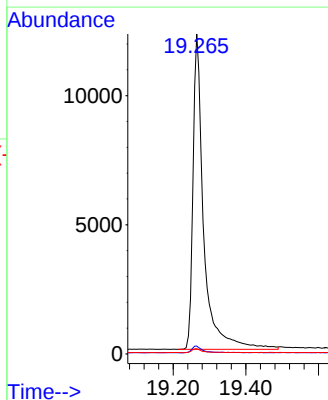
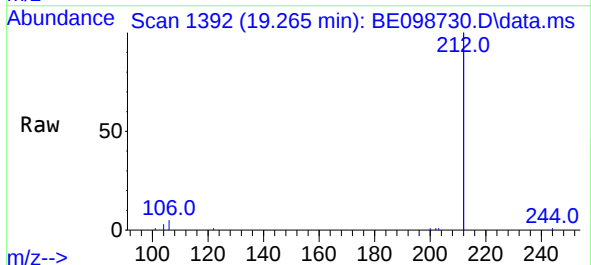
Instrument :
 BNA_E
 ClientSampleID :
 PB117079BL

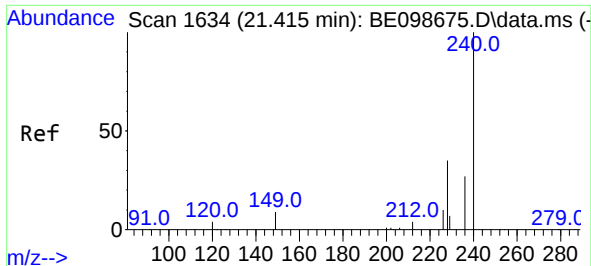
Tgt Ion:178 Resp: 11
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 45.5 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.41 ng
 RT: 19.265 min Scan# 1392
 Delta R.T. 0.006 min
 Lab File: BE098730.D
 Acq: 13 Feb 2019 16:50

Tgt Ion:212 Resp: 25126
 Ion Ratio Lower Upper
 212 100
 106 2.0 1.7 2.5
 104 1.2 1.0 1.6

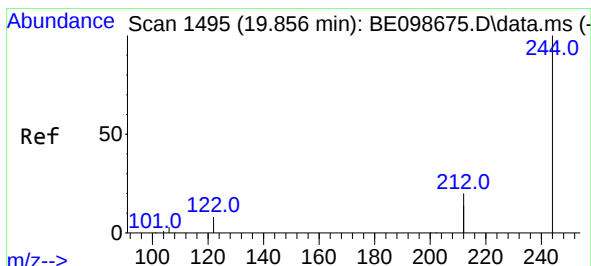
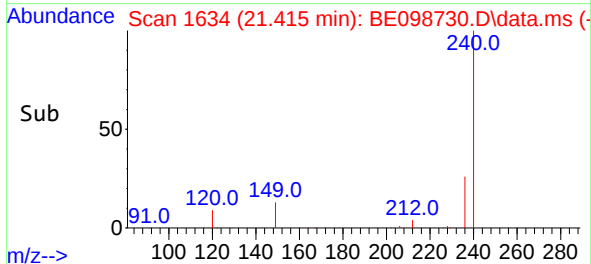
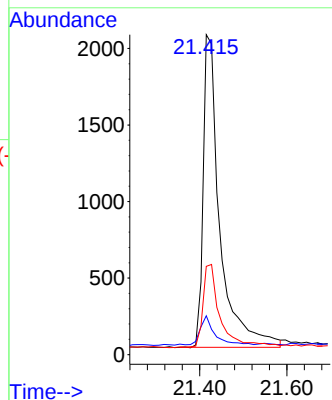
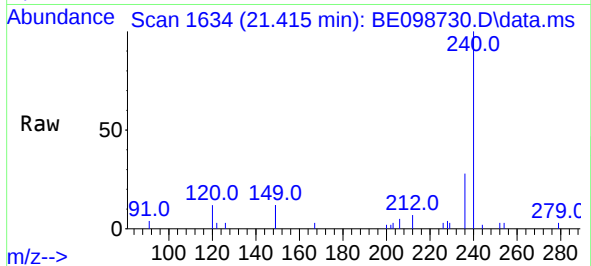




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

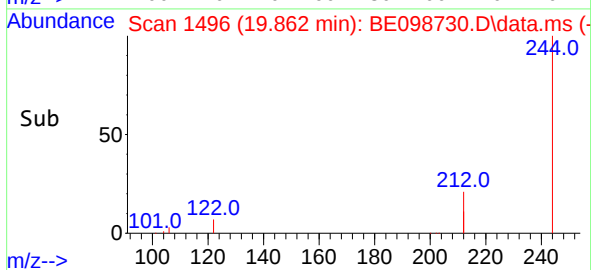
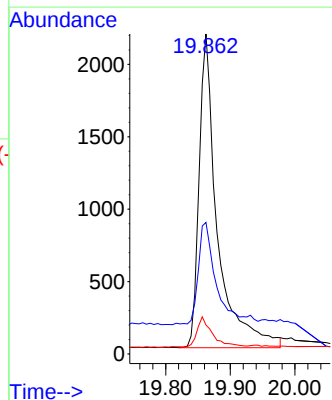
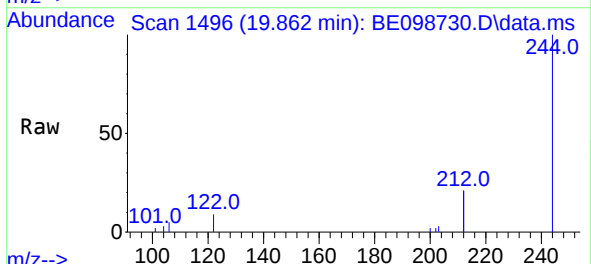
Instrument :
BNA_E
ClientSampleId :
PB117079BL

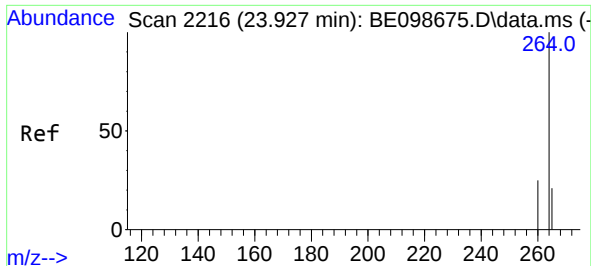
Tgt Ion:240 Resp: 5435
Ion Ratio Lower Upper
240 100
120 12.2 4.7 7.1#
236 27.6 21.9 32.9



#29
Terphenyl-d14
Concen: 0.31 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion:244 Resp: 4267
Ion Ratio Lower Upper
244 100
212 41.1 29.4 44.2
122 9.0 7.1 10.7



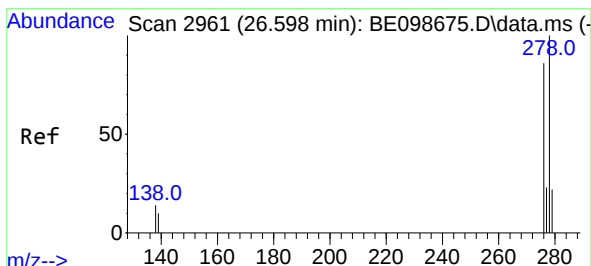
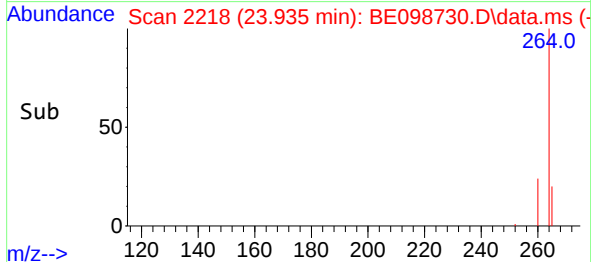
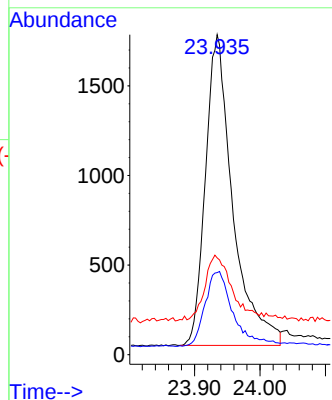
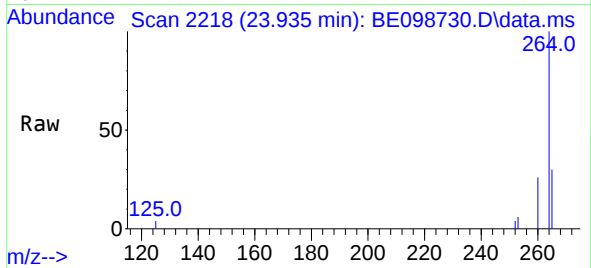


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.935 min Scan# 2218
Delta R.T. 0.008 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Instrument :
BNA_E
ClientSampleId :
PB117079BL

Tgt Ion:264 Resp: 5031

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.5	30.7
265	30.2	22.3	33.5



#38
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 26.634 min Scan# 2971
Delta R.T. 0.036 min
Lab File: BE098730.D
Acq: 13 Feb 2019 16:50

Tgt Ion:278 Resp: 319

Ion	Ratio	Lower	Upper
278	100		
139	37.5	12.7	19.1#
279	55.1	22.0	33.0#

