

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098767.D
 Acq On : 26 Feb 2019 20:02
 Operator : JU/SJ
 Sample : K1603-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T1-UV(POST)

Quant Time: Feb 27 00:24:10 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)

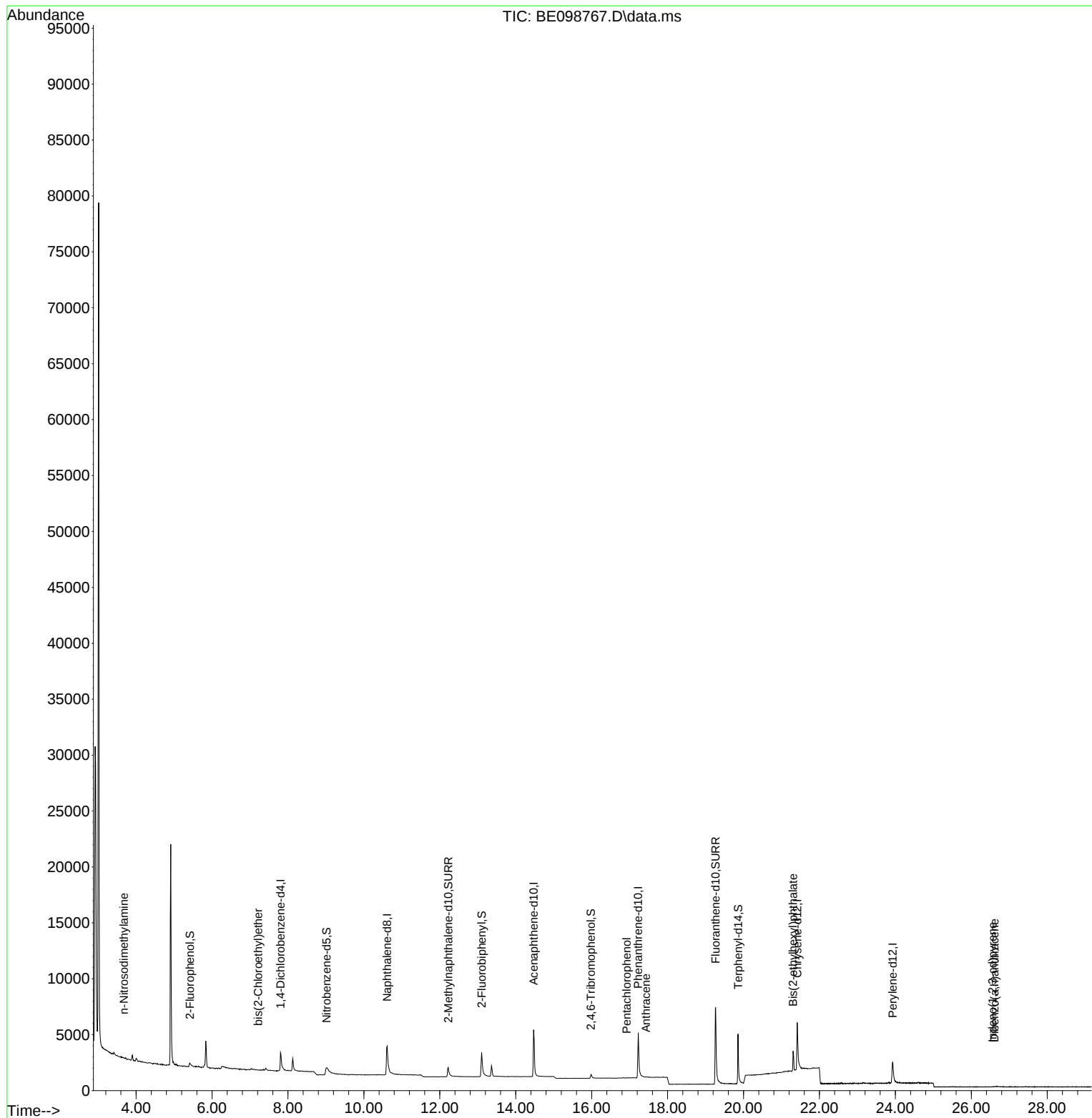
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1228	0.40	ng	-0.01
7) Naphthalene-d8	10.613	136	4764	0.40	ng	# 0.01
13) Acenaphthene-d10	14.470	164	3485	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	8473	0.40	ng	# 0.00
27) Chrysene-d12	21.416	240	7017	0.40	ng	# 0.00
34) Perylene-d12	23.926	264	3814	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	364	0.11	ng	0.01
5) Phenol-d6	6.964	99	8	0.00	ng	-0.03
8) Nitrobenzene-d5	9.016	82	924	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	12.223	152	2178	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.983	330	349	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.102	172	3592	0.24	ng	0.01
25) Fluoranthene-d10	19.265	212	14452	0.12	ng	0.01
29) Terphenyl-d14	19.857	244	5272	0.30	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.681	42	4	0.09	ng	# 13
6) bis(2-Chloroethyl)ether	7.217	93	15	0.07	ng	# 1
22) Pentachlorophenol	16.920	266	9	0.21	ng	# 67
24) Anthracene	17.429	178	11	0.08	ng	# 1
32) Bis(2-ethylhexyl)phtha...	21.307	149	2671	0.06	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.559	276	3	0.09	ng	# 1
38) Dibenzo(a,h)anthracene	26.609	278	2	0.14	ng	# 1

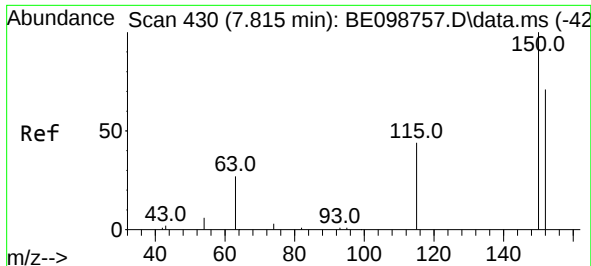
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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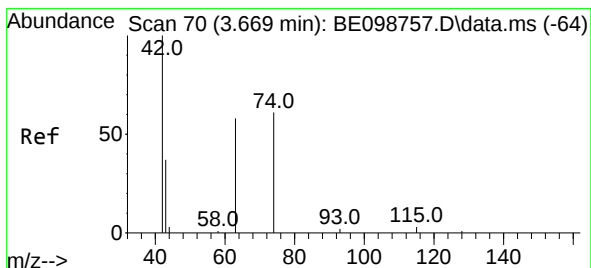
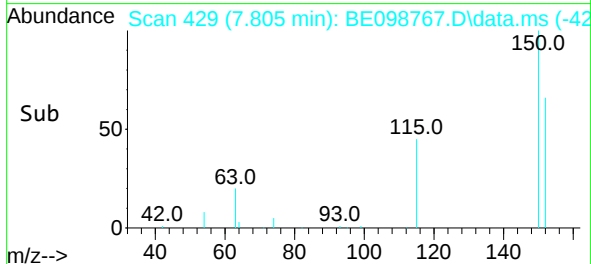
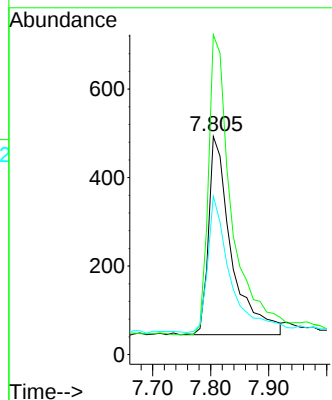
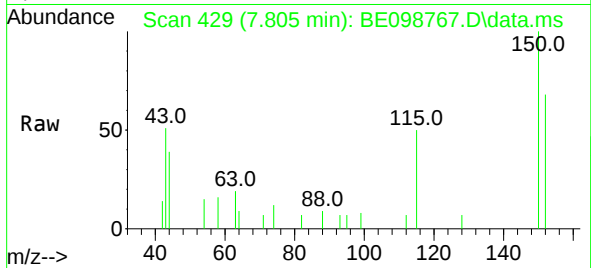




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.805 min Scan# 429
 Delta R.T. -0.010 min
 Lab File: BE098767.D
 Acq: 26 Feb 2019 20:02

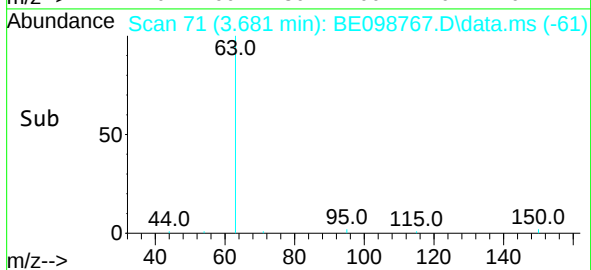
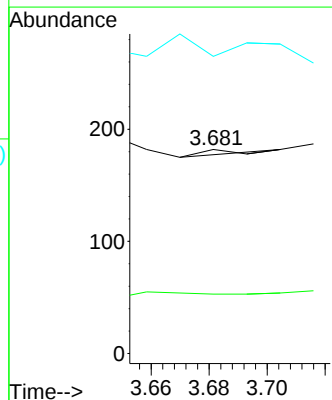
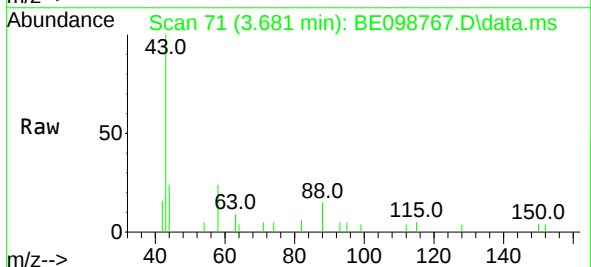
Instrument :
 BNA_E
 ClientSampleId :
 M1-T1-UV(POST)

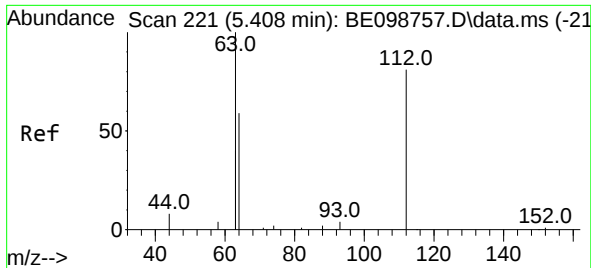
Tgt Ion:152 Resp: 1228
 Ion Ratio Lower Upper
 152 100
 150 146.7 121.4 182.2
 115 72.6 59.1 88.7



#3
 n-Nitrosodimethylamine
 Concen: 0.09 ng
 RT: 3.681 min Scan# 71
 Delta R.T. 0.012 min
 Lab File: BE098767.D
 Acq: 26 Feb 2019 20:02

Tgt Ion: 42 Resp: 4
 Ion Ratio Lower Upper
 42 100
 74 0.0 58.9 88.3#
 44 2050.0 0.0 0.0#

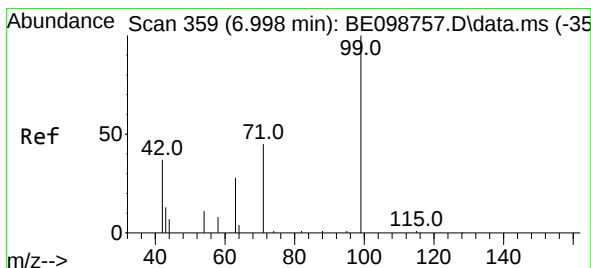
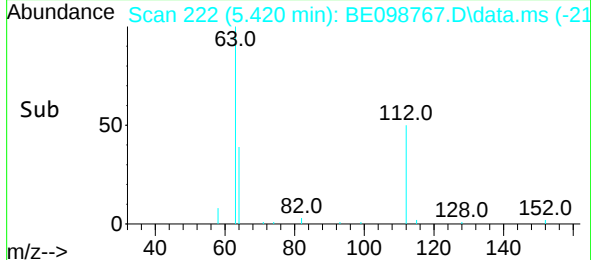
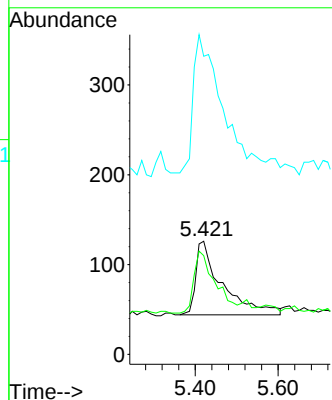
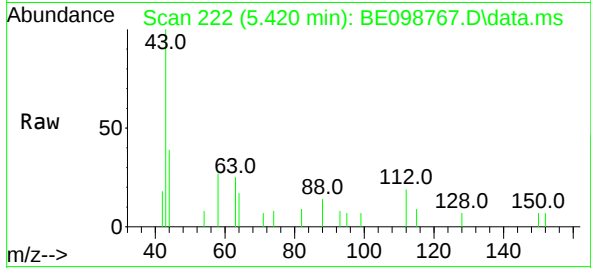




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.420 min Scan# 222
Delta R.T. 0.012 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

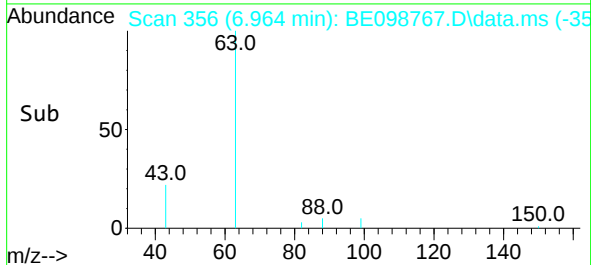
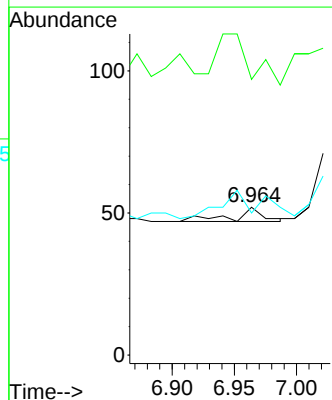
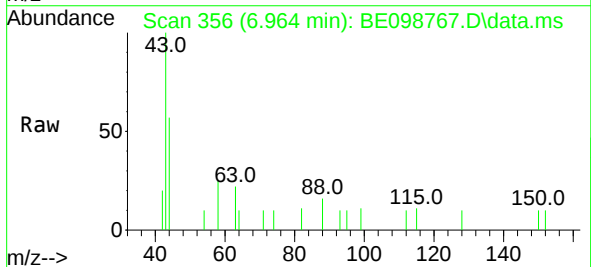
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

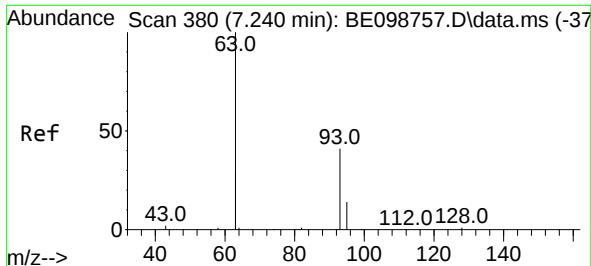
Tgt Ion:112 Resp: 364
Ion Ratio Lower Upper
112 100
64 68.1 62.9 94.3
63 205.8 152.2 228.4



#5
Phenol-d6
Concen: 0.00 ng
RT: 6.964 min Scan# 356
Delta R.T. -0.034 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion: 99 Resp: 8
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 287.5 35.1 52.7#

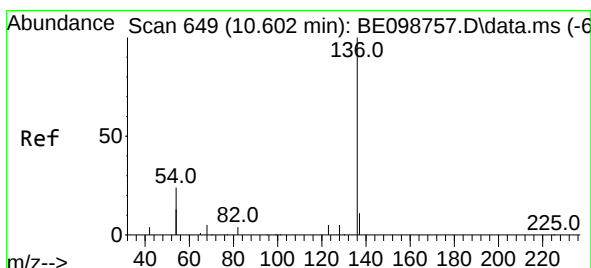
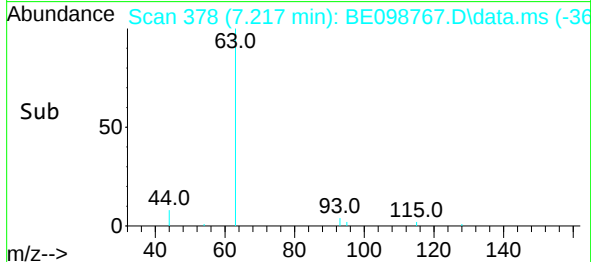
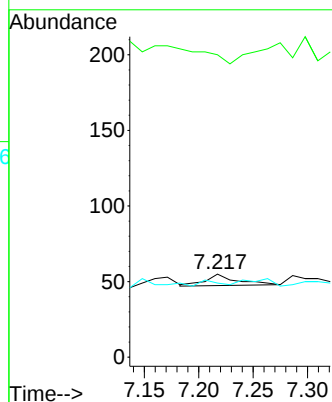
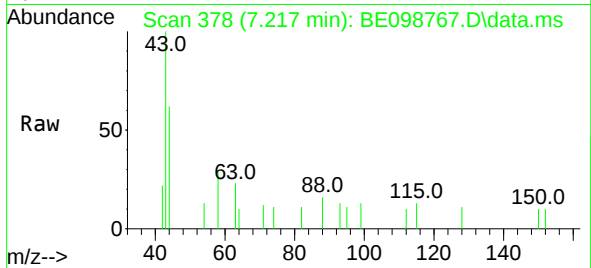




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.217 min Scan# 378
Delta R.T. -0.023 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

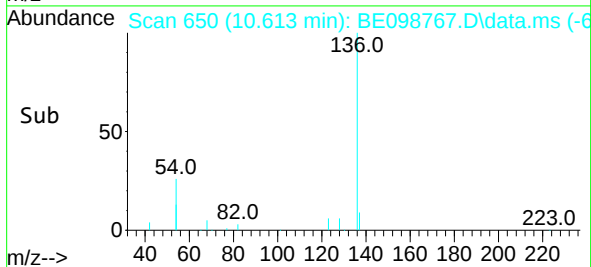
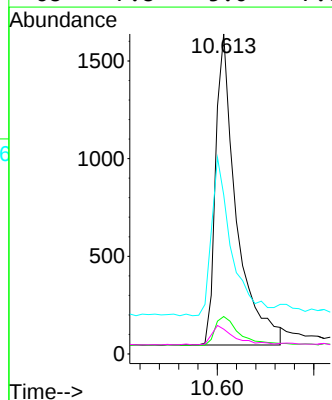
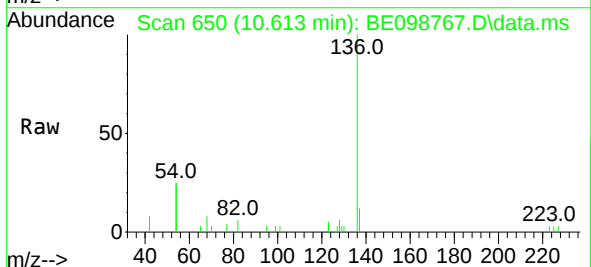
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

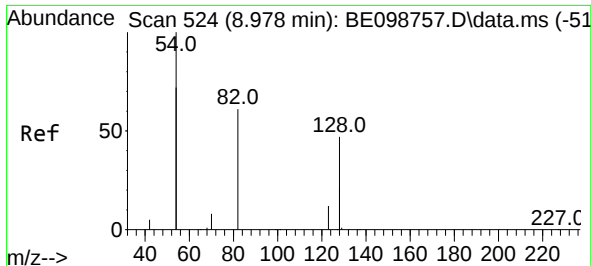
Tgt Ion: 93 Resp: 15
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 20.0 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.613 min Scan# 650
Delta R.T. 0.011 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion: 136 Resp: 4764
Ion Ratio Lower Upper
136 100
137 11.7 9.7 14.5
54 49.7 35.5 53.3
68 7.8 5.0 7.6#

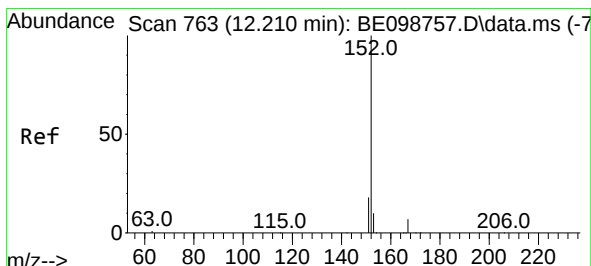
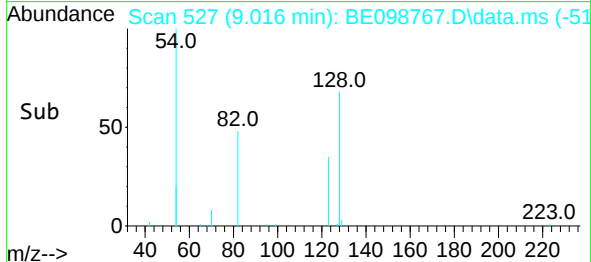
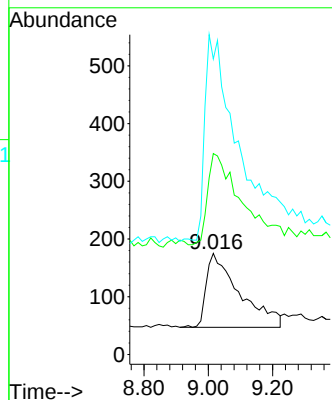
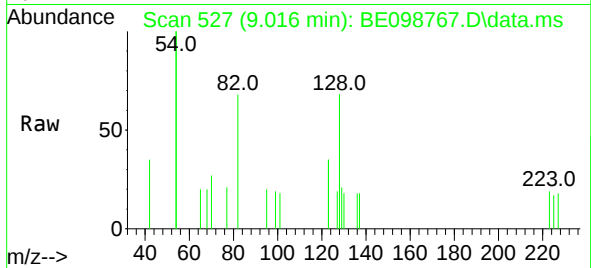




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

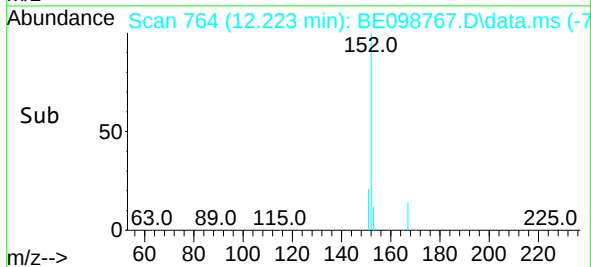
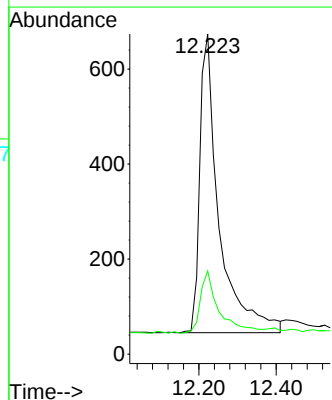
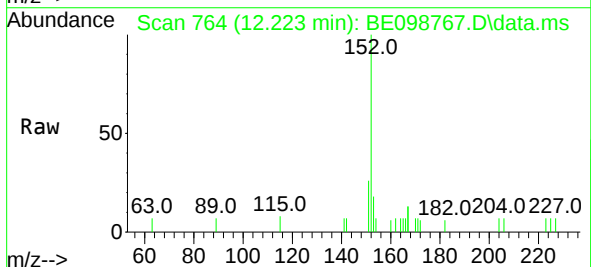
Instrument :
BNA_E
ClientSampled :
M1-T1-UV(POST)

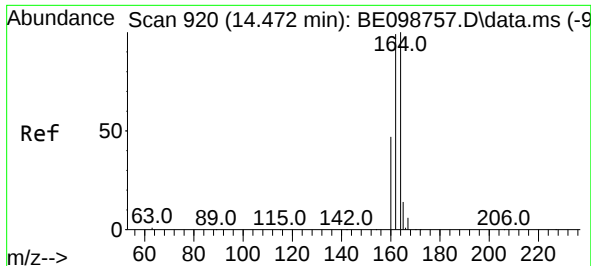
Tgt Ion: 82 Resp: 924
Ion Ratio Lower Upper
82 100
128 198.9 96.5 144.7#
54 292.6 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.013 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion: 152 Resp: 2178
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4

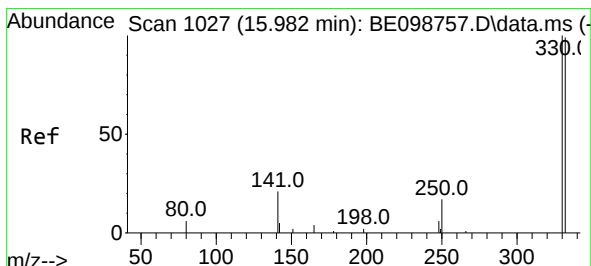
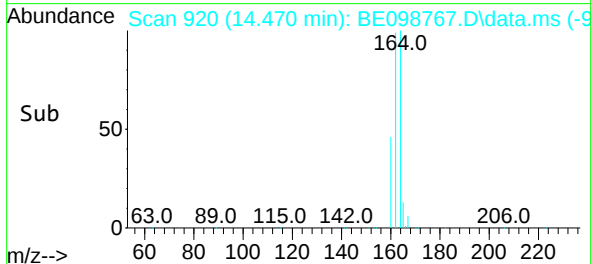
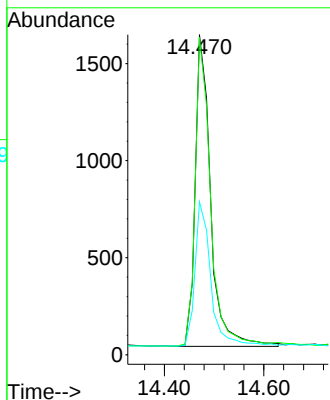
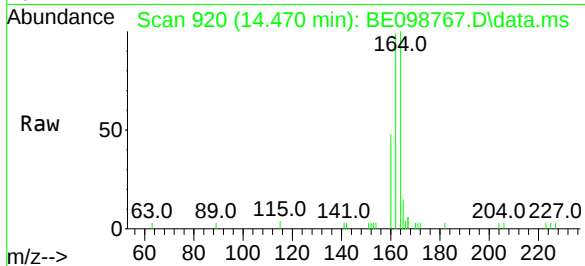




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.002 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

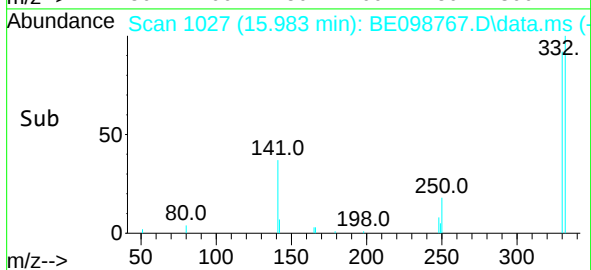
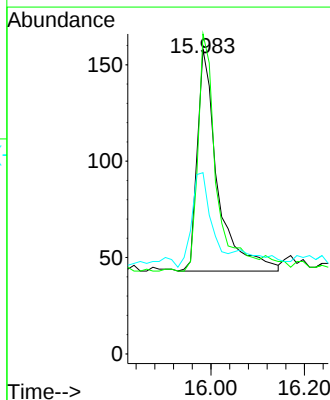
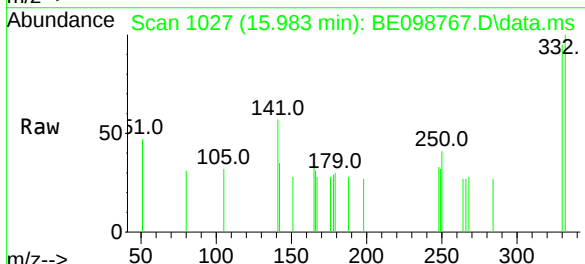
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

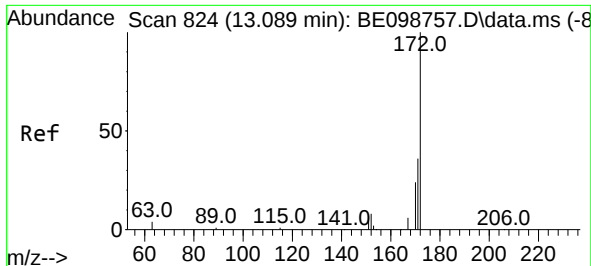
Tgt Ion:164	Resp:	3485
Ion Ratio	Lower	Upper
164	100	
162	99.1	80.5 120.7
160	47.8	40.1 60.1



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.983 min Scan# 1027
Delta R.T. 0.001 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion:330	Resp:	349
Ion Ratio	Lower	Upper
330	100	
332	95.4	73.3 109.9
141	41.3	33.1 49.7

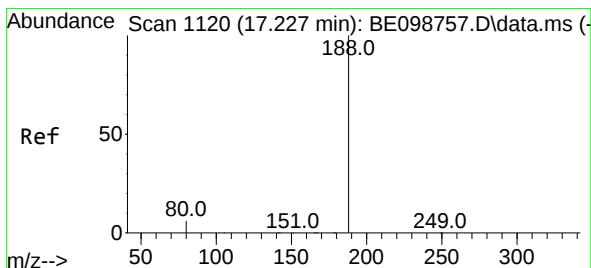
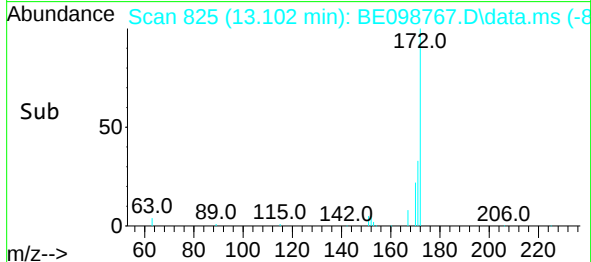
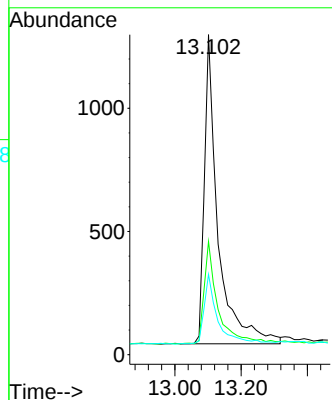
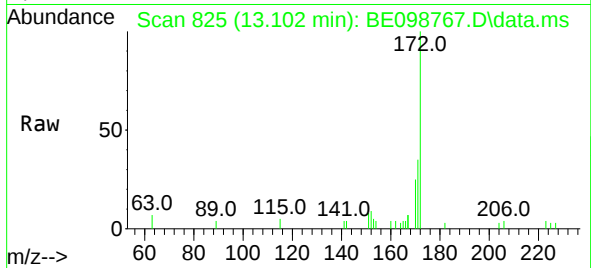




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 13.102 min Scan# 825
Delta R.T. 0.013 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

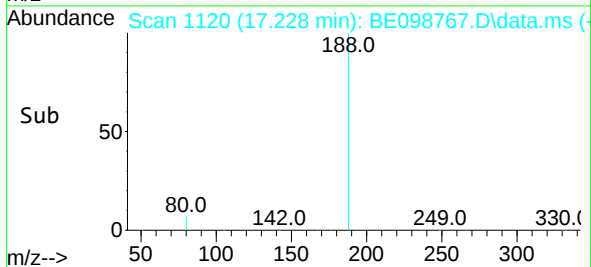
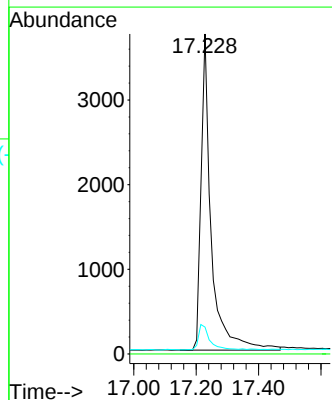
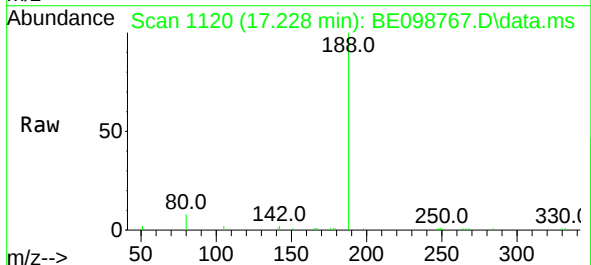
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

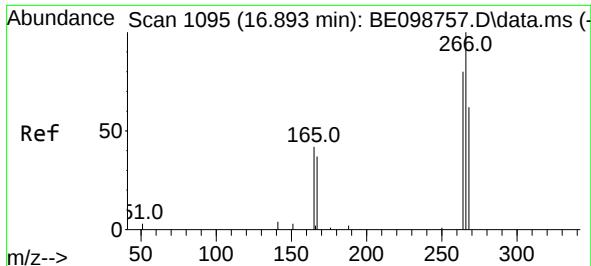
Tgt Ion:	172	Resp:	3592
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.0	43.4
170	25.1	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion:	188	Resp:	8473
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.4	4.7	7.1

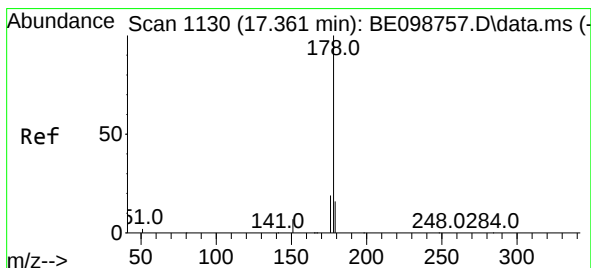
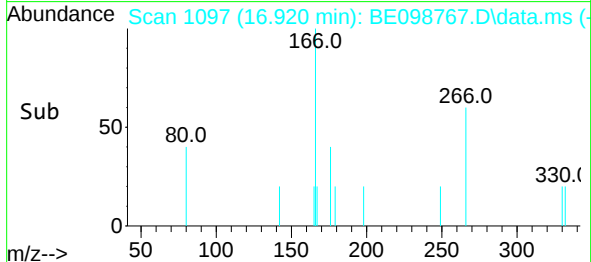
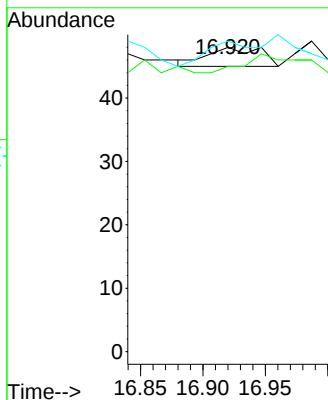
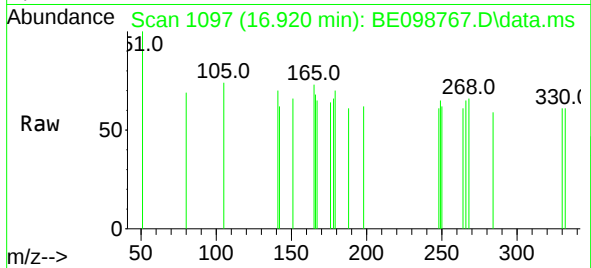




#22
Pentachlorophenol
Concen: 0.21 ng
RT: 16.920 min Scan# 1097
Delta R.T. 0.027 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

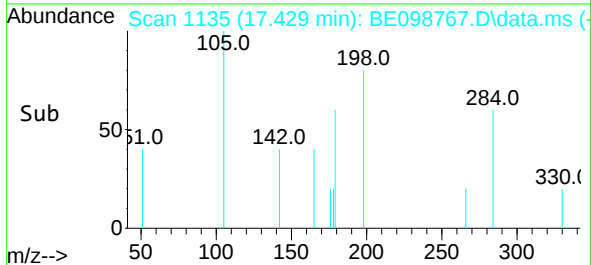
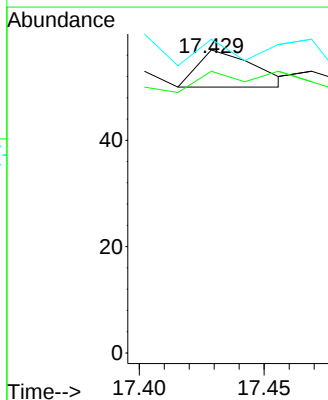
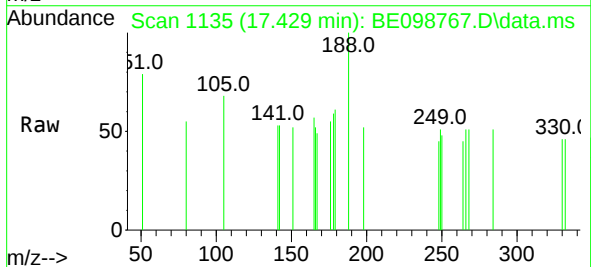
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

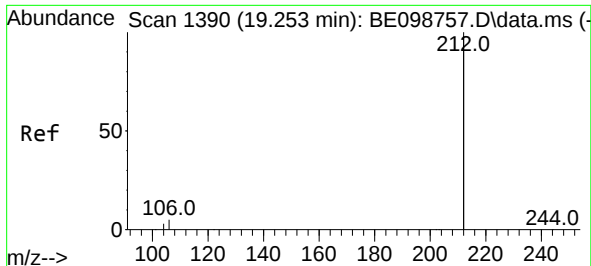
Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 93.8 53.7 80.5#
268 102.1 59.8 89.8#



#24
Anthracene
Concen: 0.08 ng
RT: 17.429 min Scan# 1135
Delta R.T. 0.068 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion:178 Resp: 11
Ion Ratio Lower Upper
178 100
176 90.9 14.9 22.3#
179 0.0 11.8 17.8#

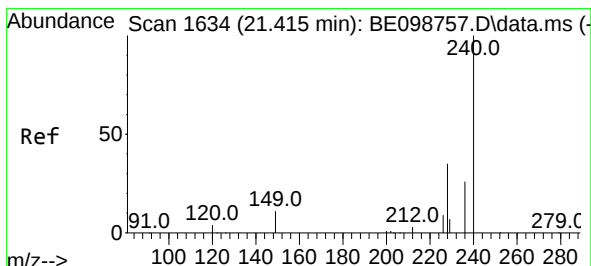
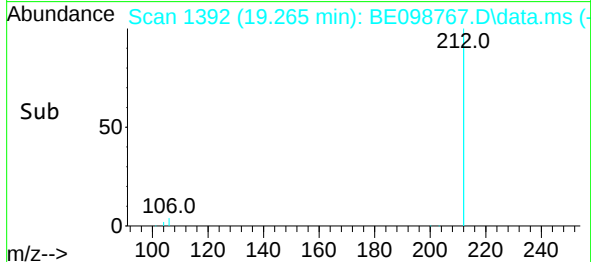
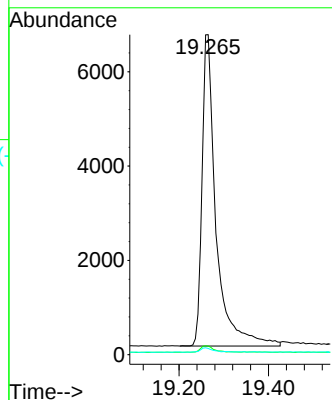
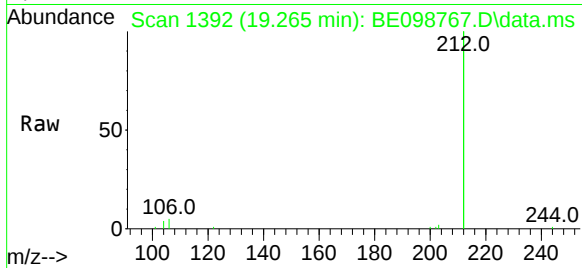




#25
Fluoranthene-d10
Concen: 0.12 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

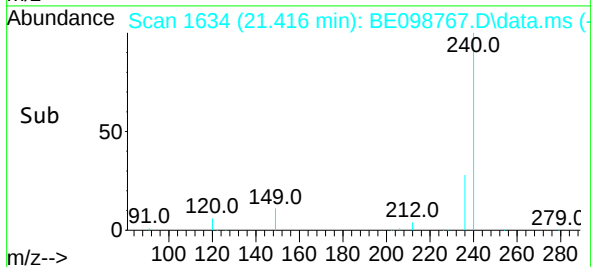
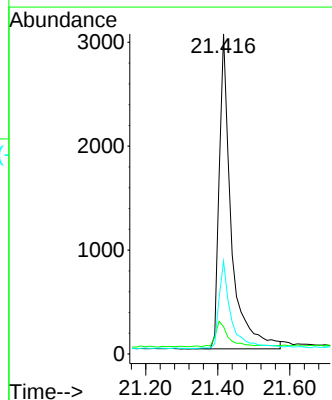
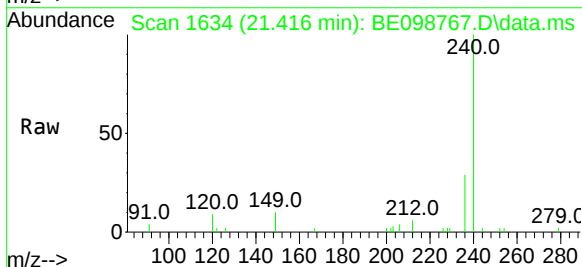
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

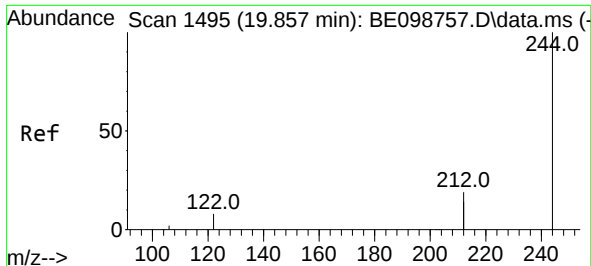
Tgt Ion:212 Resp: 14452
Ion Ratio Lower Upper
212 100
106 2.1 1.7 2.5
104 1.2 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.416 min Scan# 1634
Delta R.T. 0.001 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion:240 Resp: 7017
Ion Ratio Lower Upper
240 100
120 8.6 4.7 7.1#
236 29.0 21.9 32.9

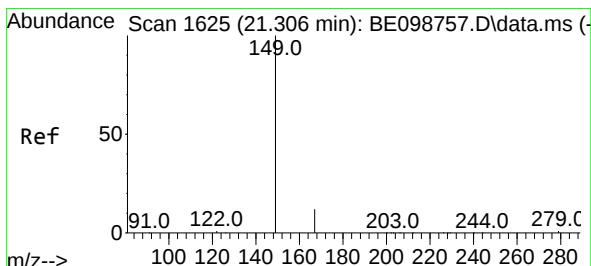
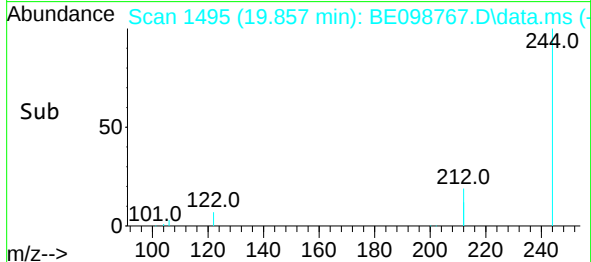
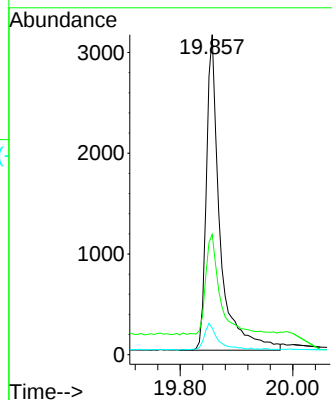
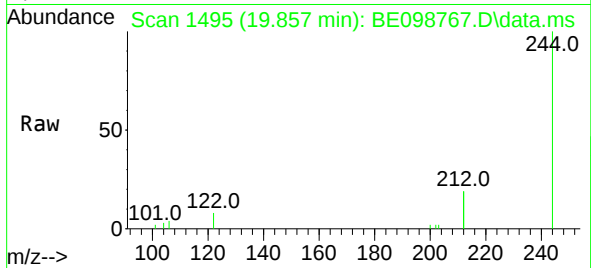




#29
 Terphenyl-d14
 Concen: 0.30 ng
 RT: 19.857 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BE098767.D
 Acq: 26 Feb 2019 20:02

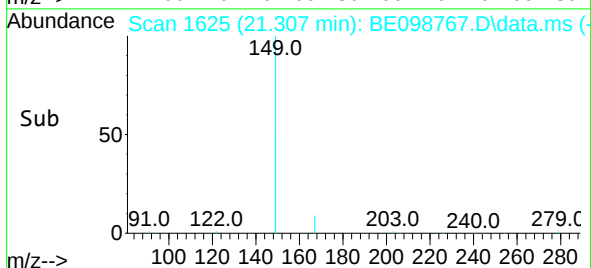
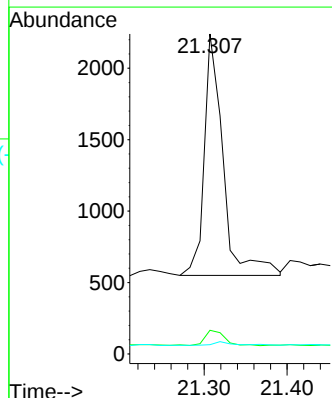
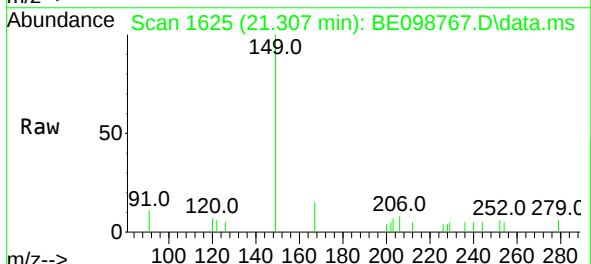
Instrument :
 BNA_E
 ClientSampleId :
 M1-T1-UV(POST)

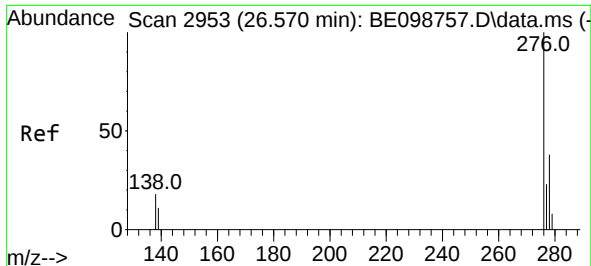
Tgt Ion:244	Resp:	5272
Ion Ratio	Lower	Upper
244	100	
212	37.6	29.4 44.2
122	8.3	7.1 10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.307 min Scan# 1625
 Delta R.T. 0.001 min
 Lab File: BE098767.D
 Acq: 26 Feb 2019 20:02

Tgt Ion:149	Resp:	2671
Ion Ratio	Lower	Upper
149	100	
167	6.6	5.4 8.2
279	1.6	1.0 1.4#

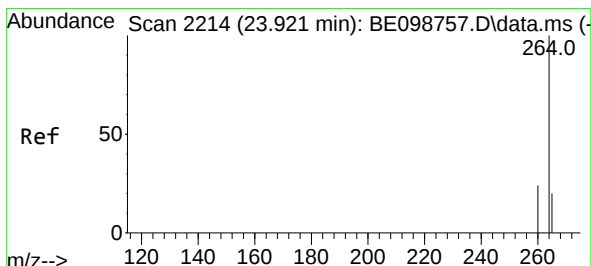
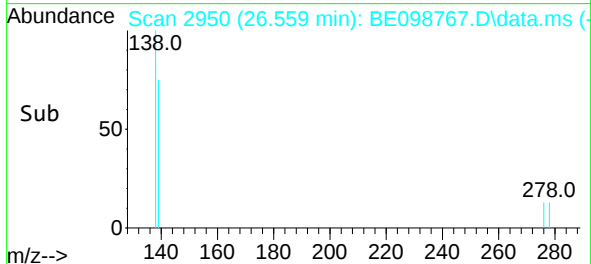
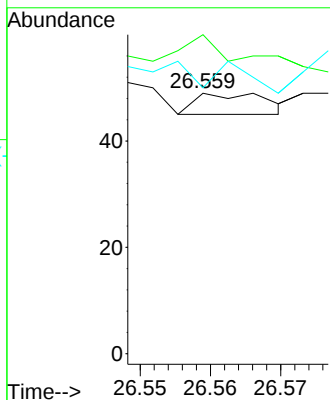
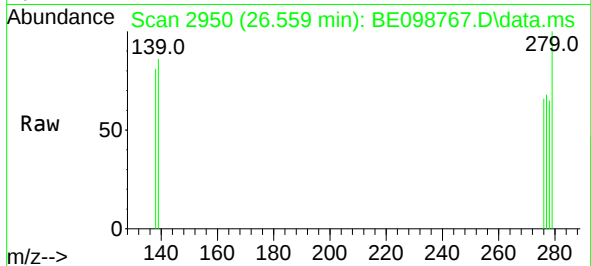




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.559 min Scan# 2950
Delta R.T. -0.011 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

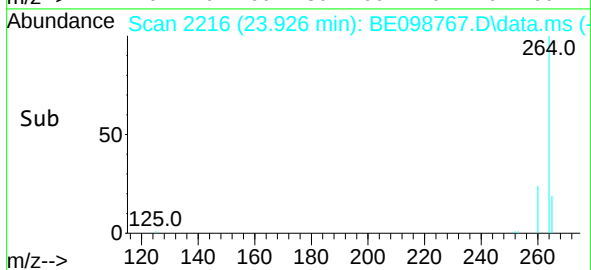
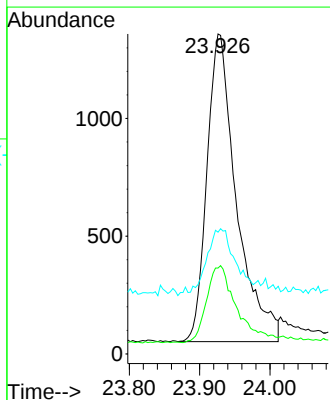
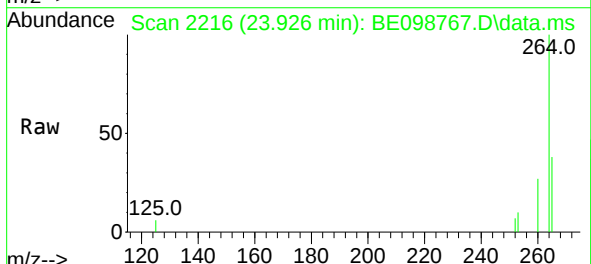
Instrument :
BNA_E
ClientSampleId :
M1-T1-UV(POST)

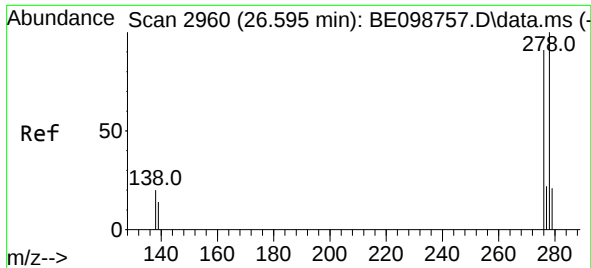
Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 266.7 13.3 19.9#
277 0.0 19.4 29.0#



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.926 min Scan# 2216
Delta R.T. 0.005 min
Lab File: BE098767.D
Acq: 26 Feb 2019 20:02

Tgt Ion:264 Resp: 3814
Ion Ratio Lower Upper
264 100
260 26.9 20.5 30.7
265 38.0 22.3 33.5#





#38

Dibenzo(a,h)anthracene

Concen: 0.14 ng

RT: 26.609 min Scan# 2964

Delta R.T. 0.014 min

Lab File: BE098767.D

Acq: 26 Feb 2019 20:02

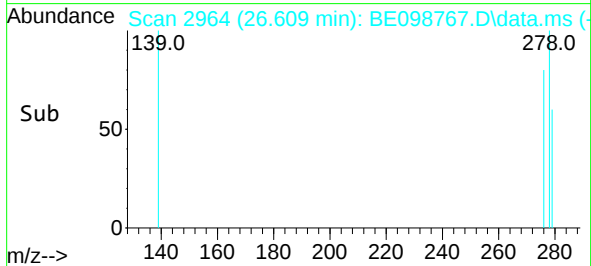
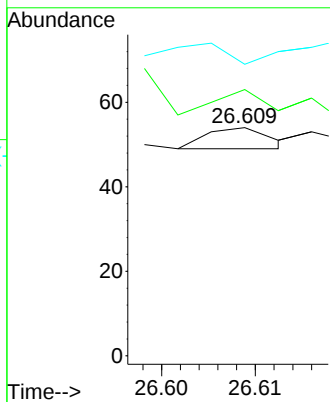
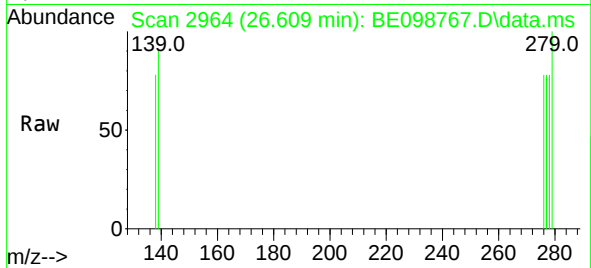
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 116.7 12.7 19.1#

279 127.8 22.0 33.0#



Instrument :

BNA_E

ClientSampleId :

M1-T1-UV(POST)