

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098768.D
 Acq On : 26 Feb 2019 20:41
 Operator : JU/SJ
 Sample : K1603-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-UV(POST)

Quant Time: Feb 27 00:24:21 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)

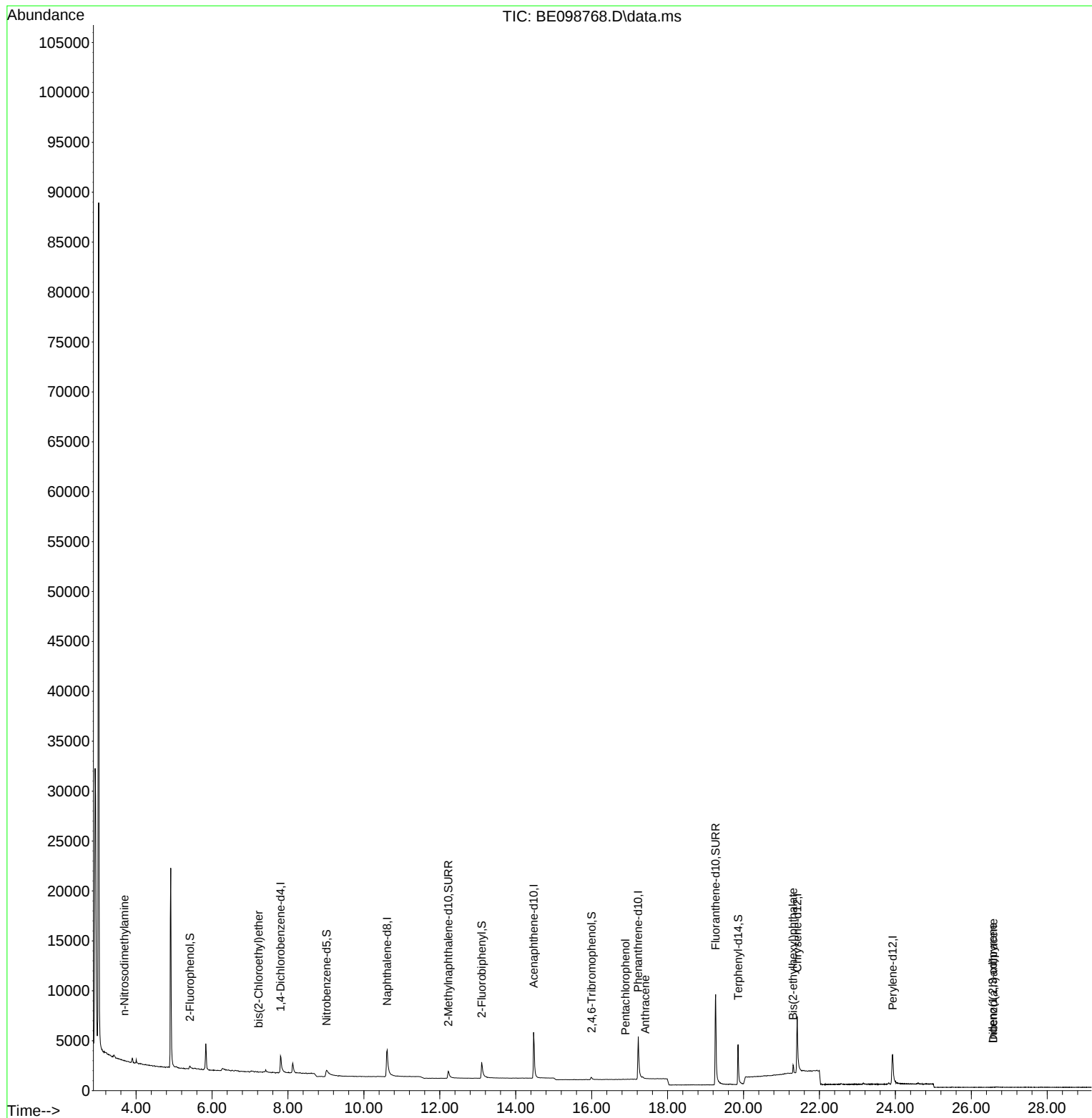
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1276	0.40	ng	-0.01
7) Naphthalene-d8	10.615	136	5114	0.40	ng	0.01
13) Acenaphthene-d10	14.472	164	3709	0.40	ng	0.00
19) Phenanthrene-d10	17.228	188	9336	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	8943	0.40	ng	0.00
34) Perylene-d12	23.927	264	6075	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.421	112	355	0.11	ng	0.01
5) Phenol-d6	6.953	99	10	0.00	ng	-0.05
8) Nitrobenzene-d5	9.017	82	858	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.224	152	2091	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.996	330	278	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.103	172	3164	0.20	ng	0.01
25) Fluoranthene-d10	19.265	212	18673	0.14	ng	0.01
29) Terphenyl-d14	19.856	244	5043	0.23	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.693	42	28	0.10	ng	# 13
6) bis(2-Chloroethyl)ether	7.229	93	10	0.07	ng	# 1
22) Pentachlorophenol	16.893	266	5	0.21	ng	# 70
24) Anthracene	17.415	178	14	0.08	ng	# 61
32) Bis(2-ethylhexyl)phtha...	21.307	149	1399	0.03	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.563	276	1	0.09	ng	# 1
38) Dibenzo(a,h)anthracene	26.581	278	4	0.14	ng	# 1

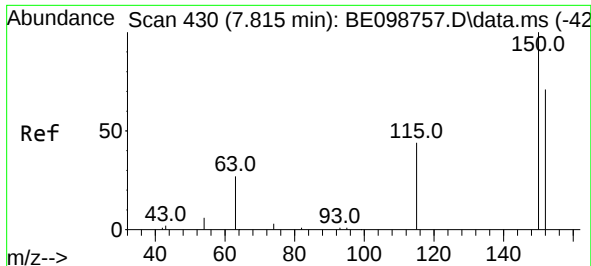
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
Data File : BE098768.D
Acq On : 26 Feb 2019 20:41
Operator : JU/SJ
Sample : K1603-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

Quant Time: Feb 27 00:24:21 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

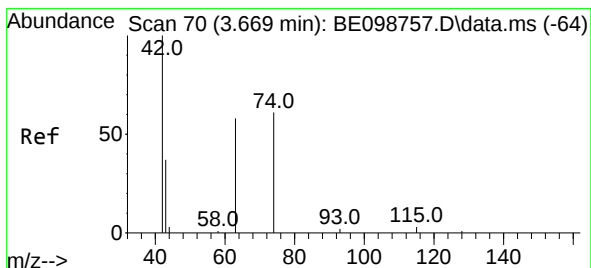
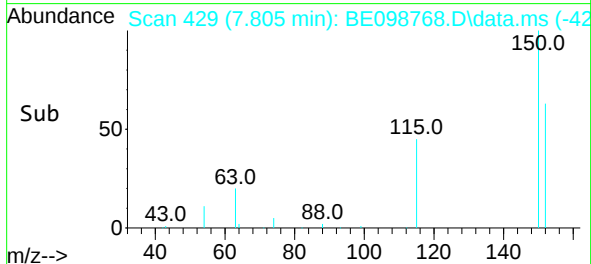
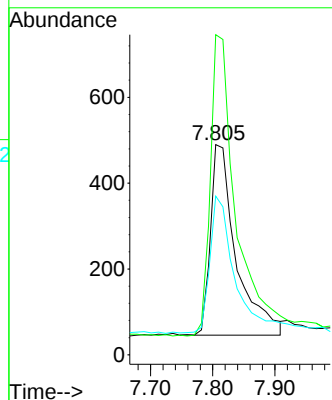
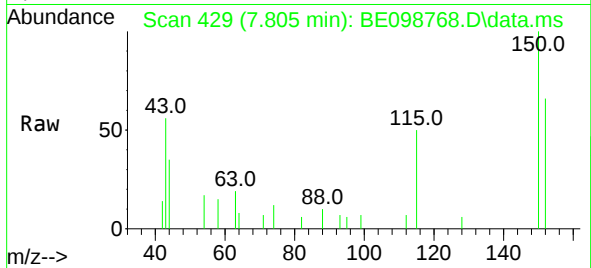




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.805 min Scan# 429
Delta R.T. -0.010 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

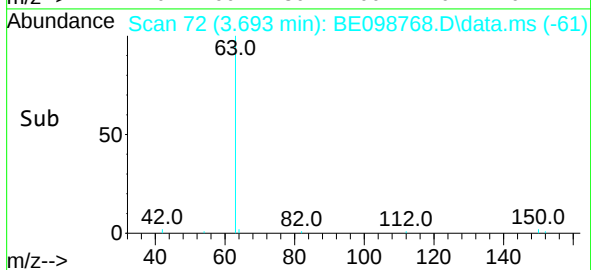
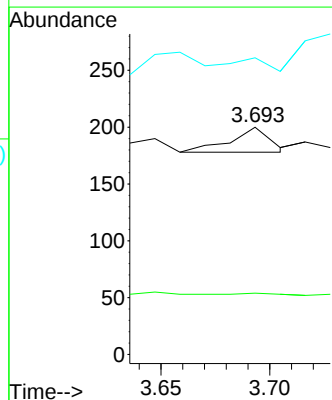
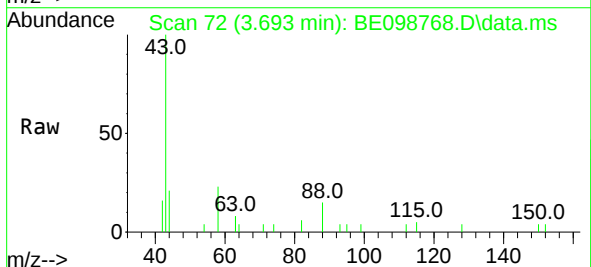
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

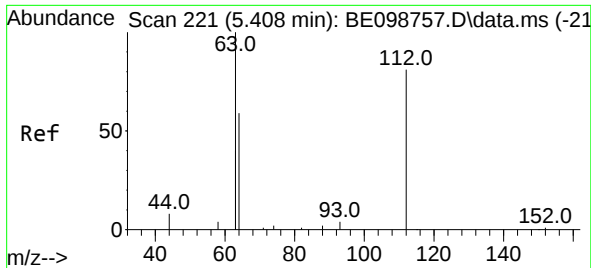
Tgt Ion:152 Resp: 1276
Ion Ratio Lower Upper
152 100
150 152.2 121.4 182.2
115 75.5 59.1 88.7



#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.693 min Scan# 72
Delta R.T. 0.024 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion: 42 Resp: 28
Ion Ratio Lower Upper
42 100
74 0.0 58.9 88.3#
44 0.0 0.0 0.0

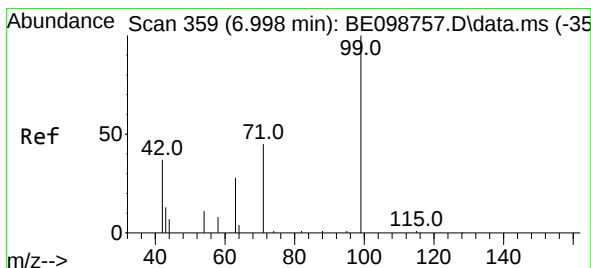
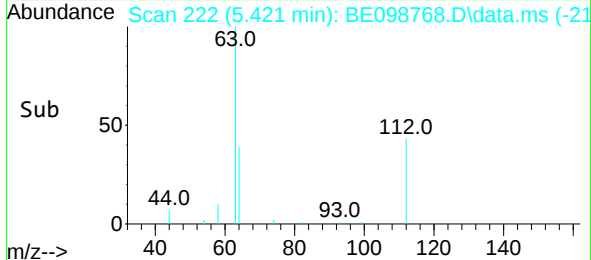
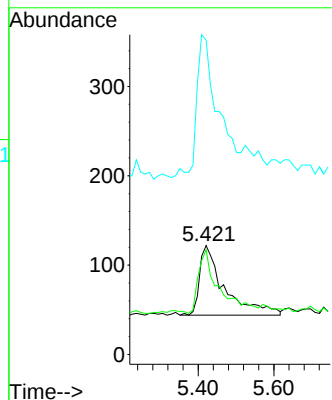
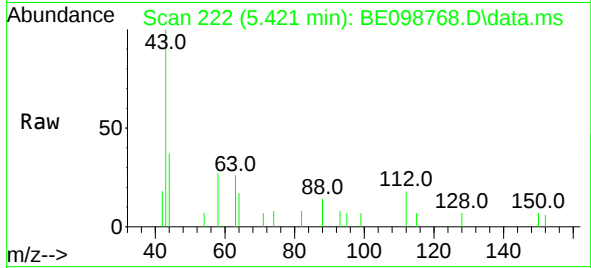




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.421 min Scan# 222
Delta R.T. 0.012 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

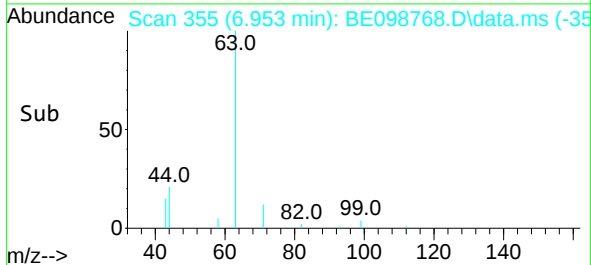
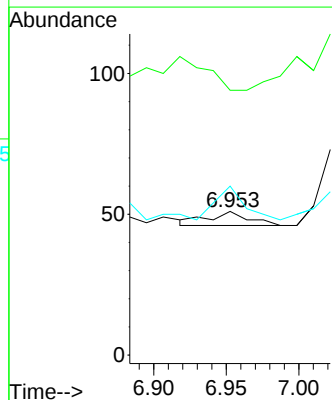
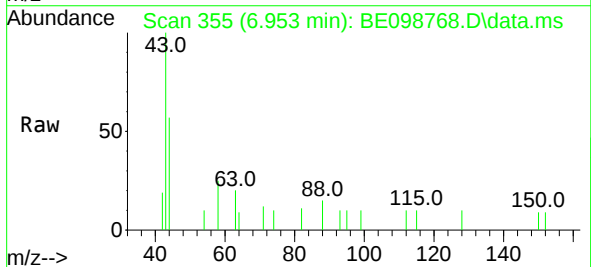
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

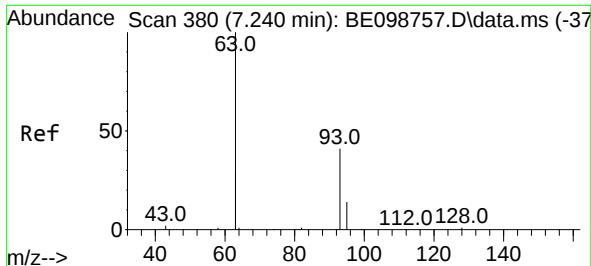
Tgt Ion:112 Resp: 355
Ion Ratio Lower Upper
112 100
64 76.1 62.9 94.3
63 180.0 152.2 228.4



#5
Phenol-d6
Concen: 0.00 ng
RT: 6.953 min Scan# 355
Delta R.T. -0.045 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion: 99 Resp: 10
Ion Ratio Lower Upper
99 100
42 0.0 24.6 37.0#
71 170.0 35.1 52.7#

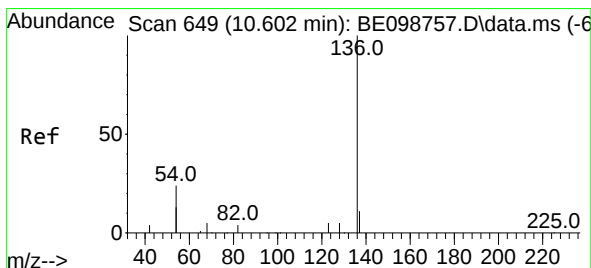
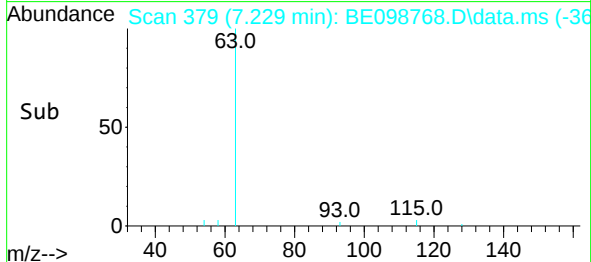
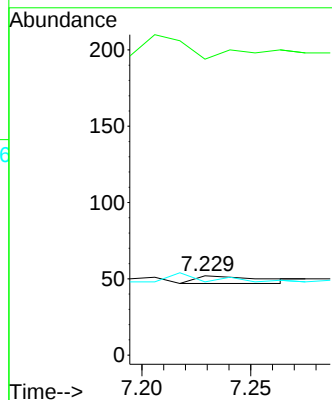
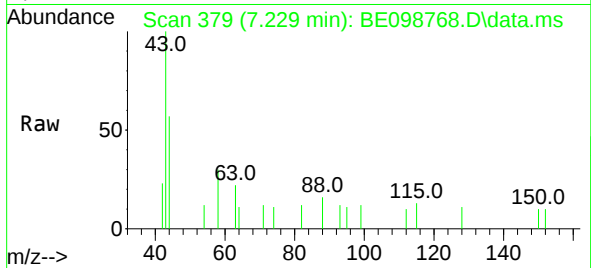




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.229 min Scan# 379
Delta R.T. -0.011 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

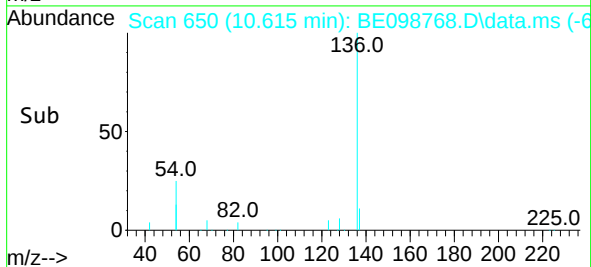
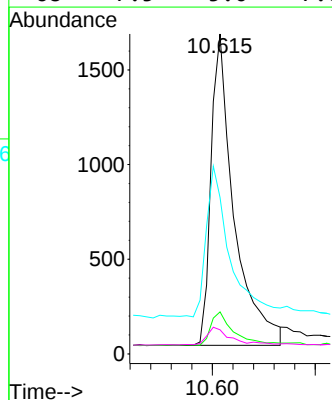
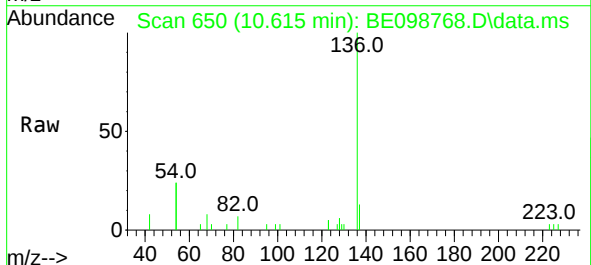
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

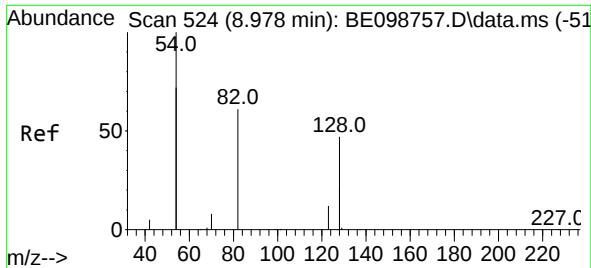
Tgt Ion: 93 Resp: 10
Ion Ratio Lower Upper
93 100
63 0.0 267.3 400.9#
95 120.0 26.2 39.4#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.615 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion: 136 Resp: 5114
Ion Ratio Lower Upper
136 100
137 13.1 9.7 14.5
54 48.9 35.5 53.3
68 7.5 5.0 7.6

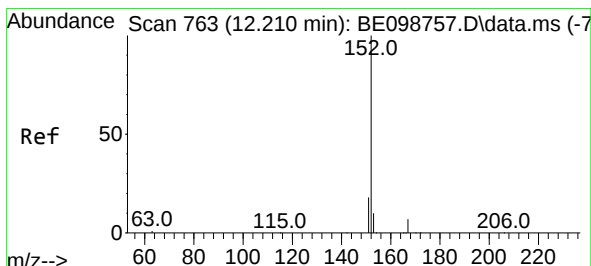
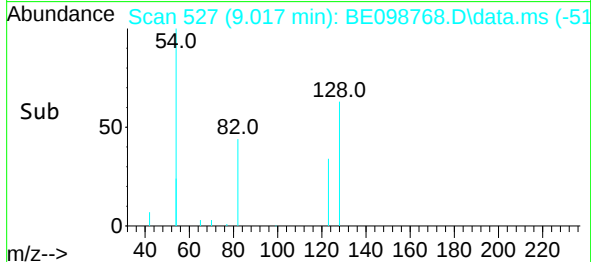
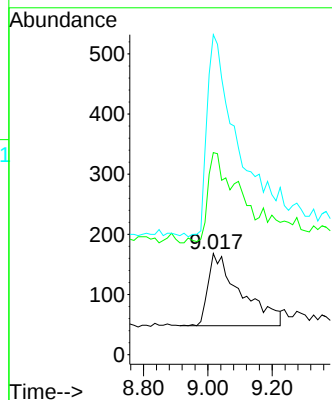
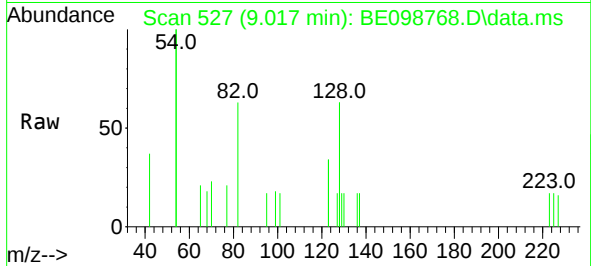




#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.017 min Scan# 527
Delta R.T. 0.039 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

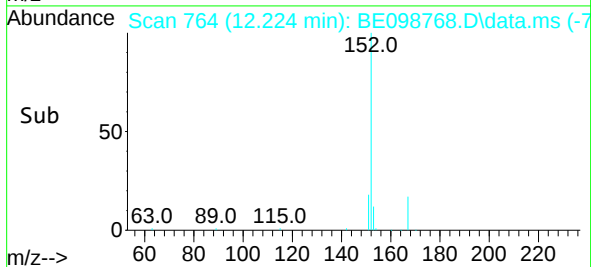
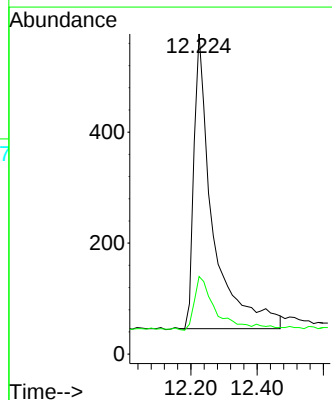
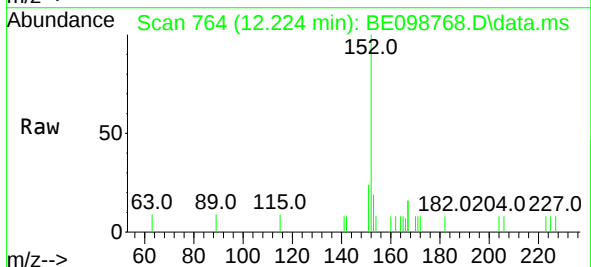
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

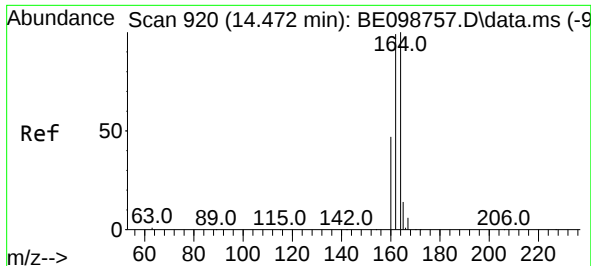
Tgt Ion: 82 Resp: 858
Ion Ratio Lower Upper
82 100
128 200.0 96.5 144.7#
54 316.7 224.7 337.1



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 12.224 min Scan# 764
Delta R.T. 0.015 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion: 152 Resp: 2091
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4

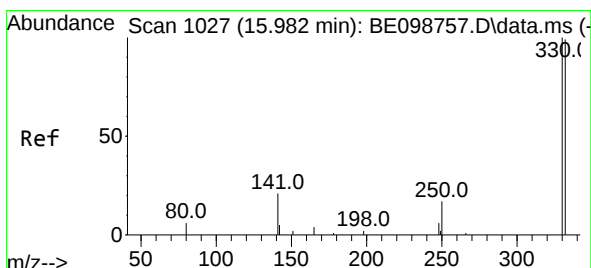
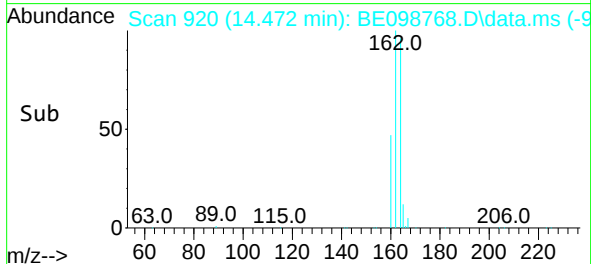
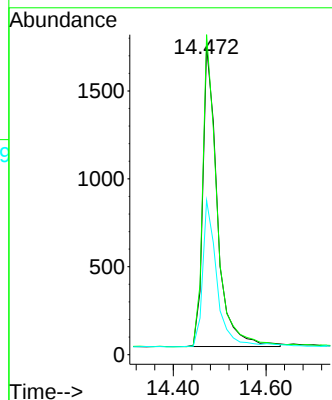
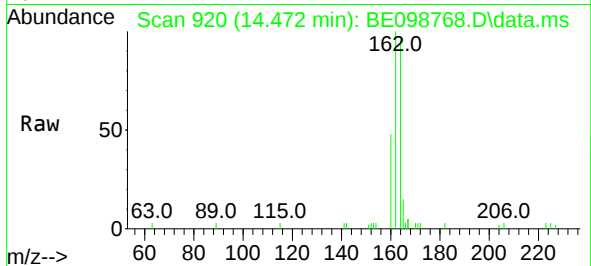




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.472 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

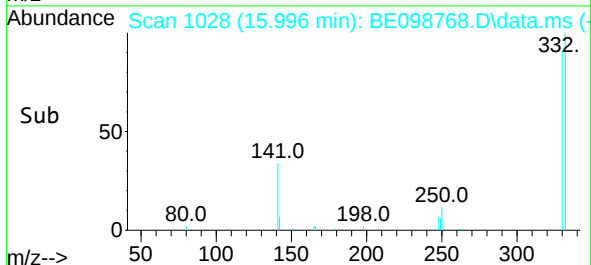
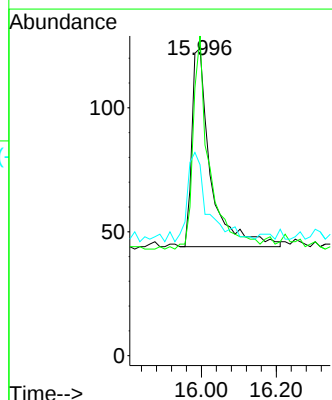
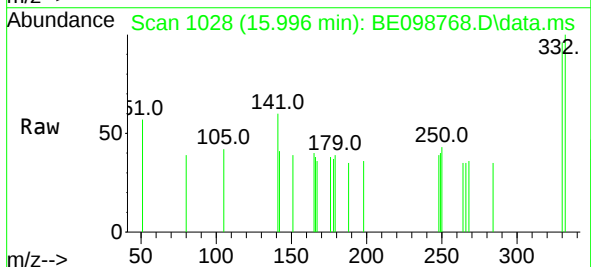
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

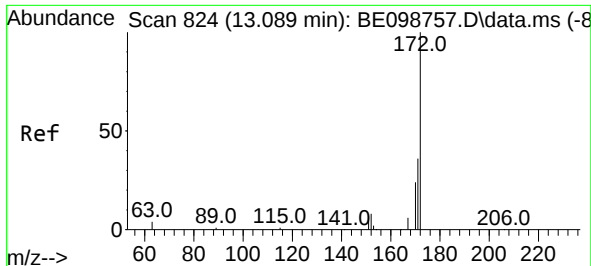
Tgt Ion:	164	Resp:	3709
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.5	120.7
160	50.0	40.1	60.1



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.996 min Scan# 1028
Delta R.T. 0.014 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion:	330	Resp:	278
Ion Ratio	Lower	Upper	
330	100		
332	94.2	73.3	109.9
141	50.4	33.1	49.7

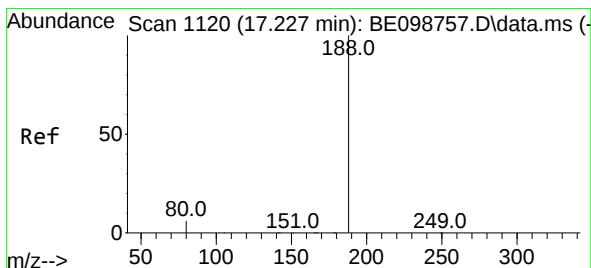
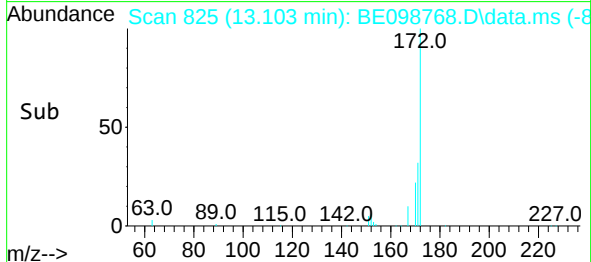
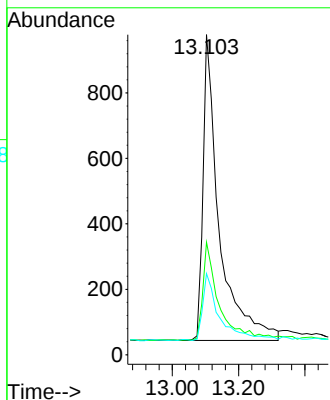
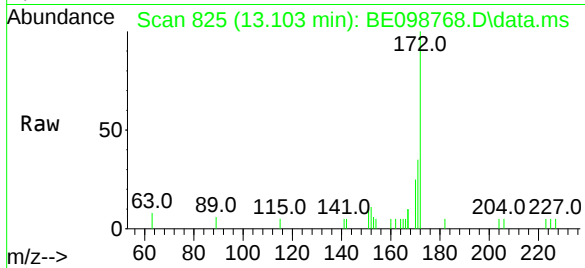




#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.103 min Scan# 825
Delta R.T. 0.014 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

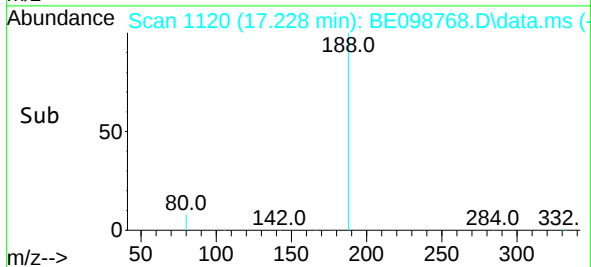
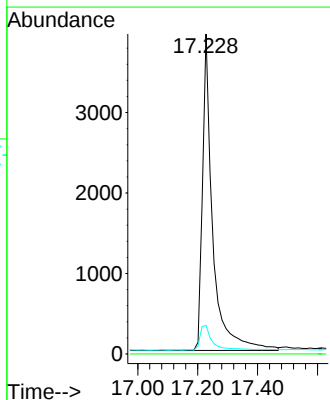
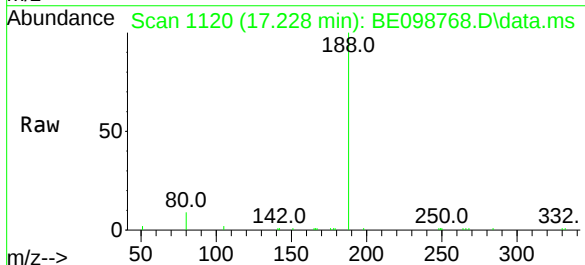
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

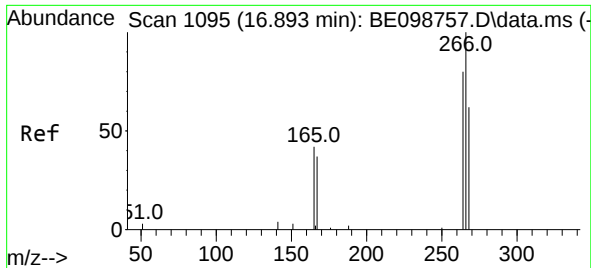
Tgt Ion:	172	Resp:	3164
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.0	43.4
170	25.4	20.8	31.2



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion:	188	Resp:	9336
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	4.7	7.1

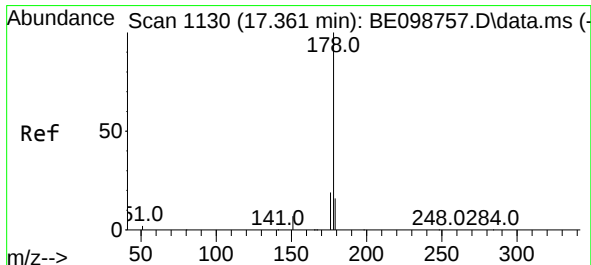
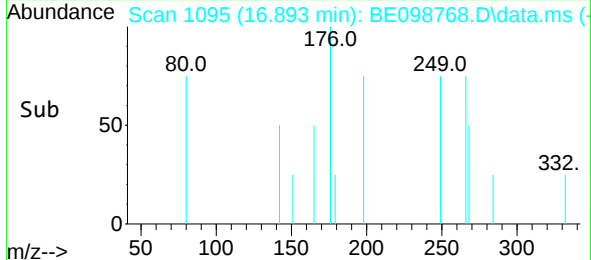
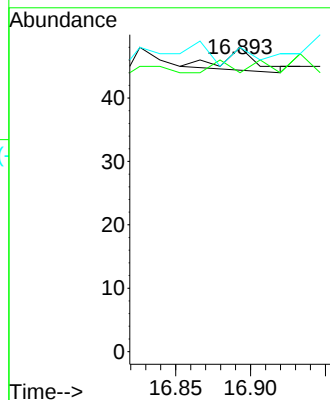
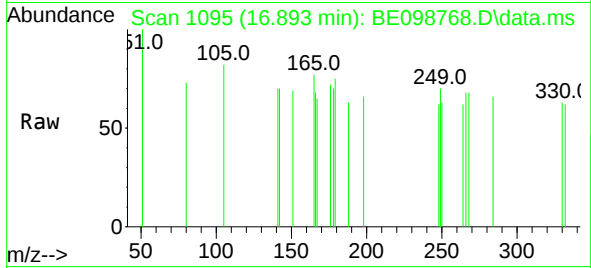




#22
 Pentachlorophenol
 Concen: 0.21 ng
 RT: 16.893 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: BE098768.D
 Acq: 26 Feb 2019 20:41

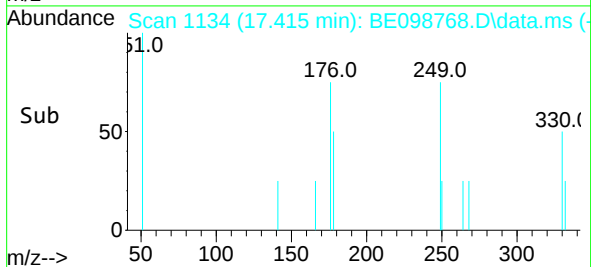
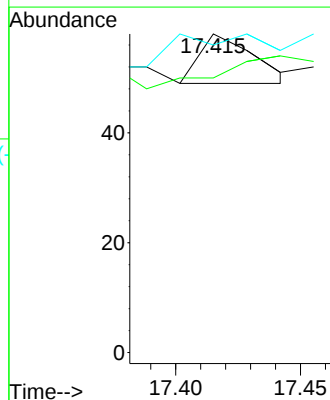
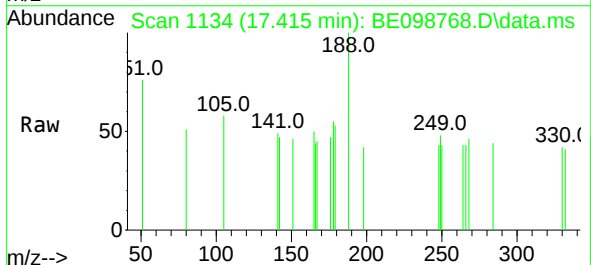
Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-UV(POST)

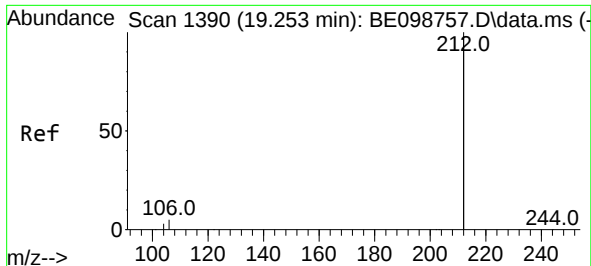
Tgt Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 91.7 53.7 80.5#
 268 100.0 59.8 89.8#



#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.415 min Scan# 1134
 Delta R.T. 0.054 min
 Lab File: BE098768.D
 Acq: 26 Feb 2019 20:41

Tgt Ion:178 Resp: 14
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 11.8 17.8#

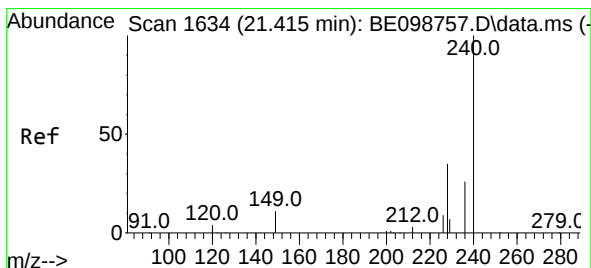
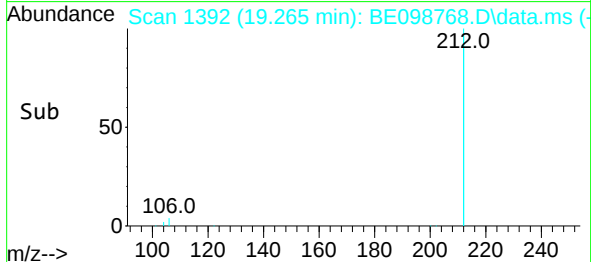
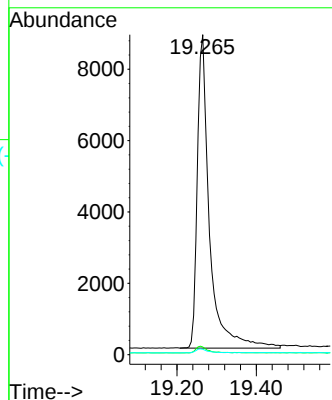
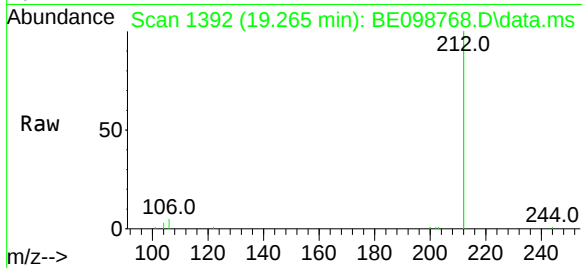




#25
Fluoranthene-d10
Concen: 0.14 ng
RT: 19.265 min Scan# 1392
Delta R.T. 0.011 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

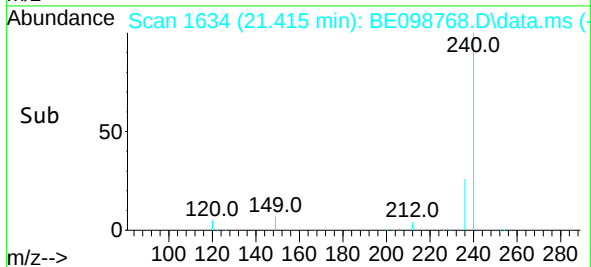
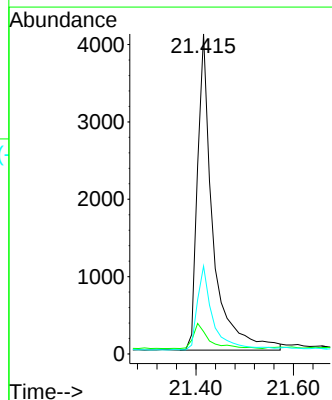
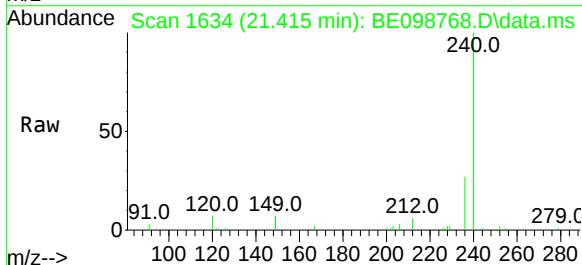
Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

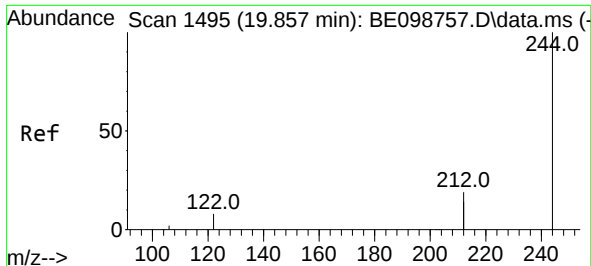
Tgt Ion:212 Resp: 18673
Ion Ratio Lower Upper
212 100
106 2.1 1.7 2.5
104 1.3 1.0 1.6



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Tgt Ion:240 Resp: 8943
Ion Ratio Lower Upper
240 100
120 7.0 4.7 7.1
236 27.4 21.9 32.9

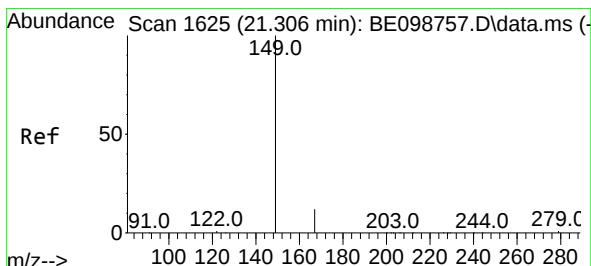
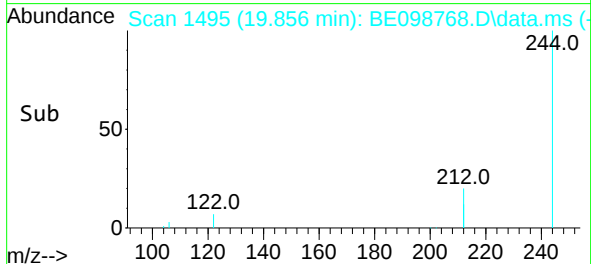
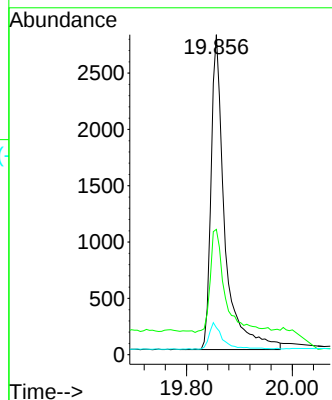
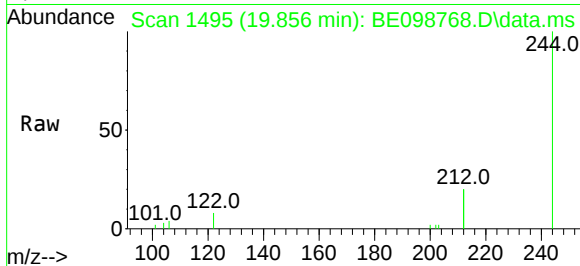




#29
 Terphenyl-d14
 Concen: 0.23 ng
 RT: 19.856 min Scan# 1495
 Delta R.T. -0.000 min
 Lab File: BE098768.D
 Acq: 26 Feb 2019 20:41

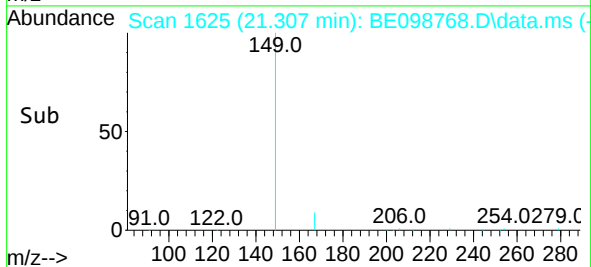
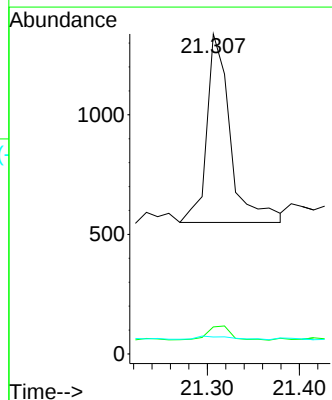
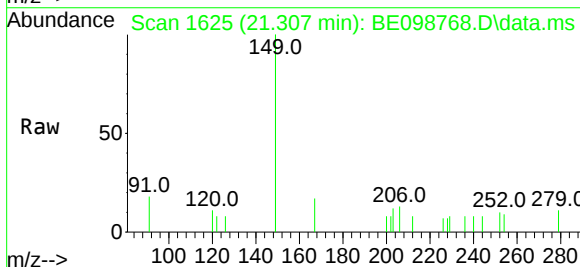
Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-UV(POST)

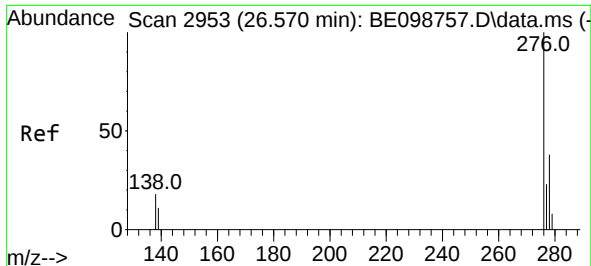
Tgt Ion:	244	Resp:	5043
Ion Ratio	Lower	Upper	
244	100		
212	39.1	29.4	44.2
122	8.4	7.1	10.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.307 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BE098768.D
 Acq: 26 Feb 2019 20:41

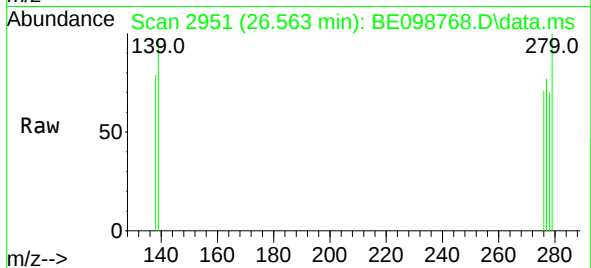
Tgt Ion:	149	Resp:	1399
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.4	8.2
279	0.0	1.0	1.4#



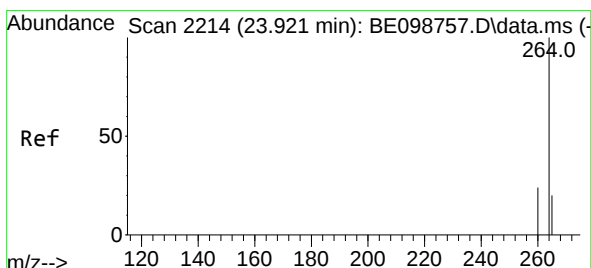
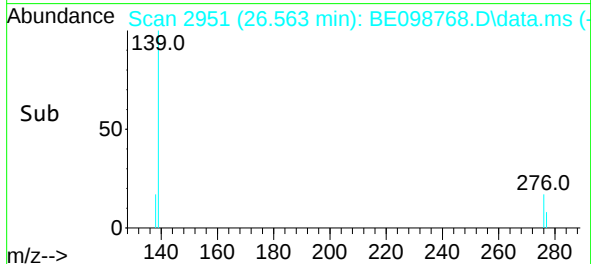
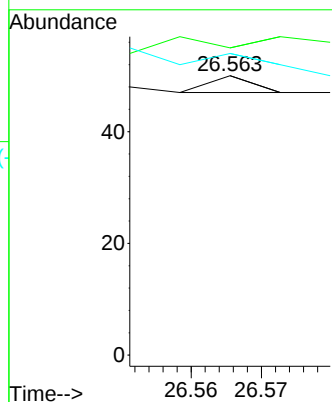


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.563 min Scan# 2951
Delta R.T. -0.007 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

Instrument :
BNA_E
ClientSampleId :
M1-T2-UV(POST)

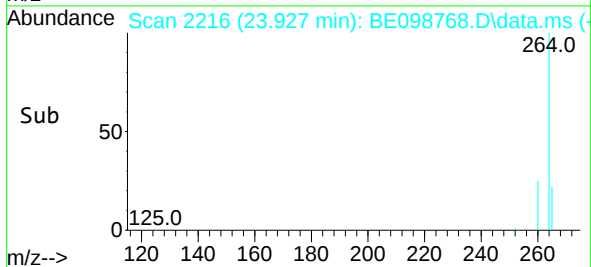
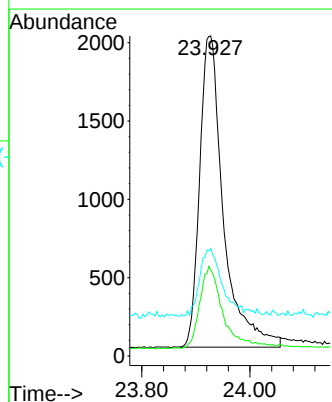
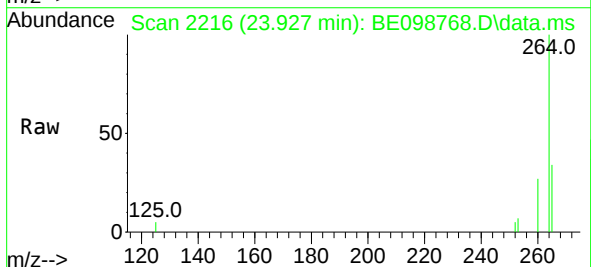


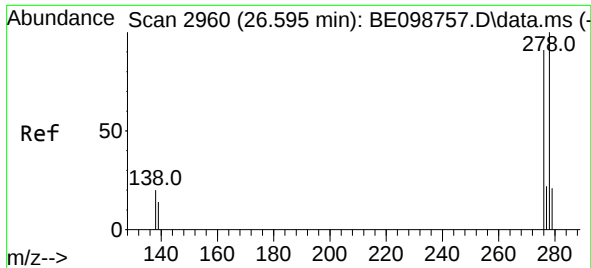
Tgt Ion:276 Resp: 1
Ion Ratio Lower Upper
276 100
138 600.0 13.3 19.9#
277 400.0 19.4 29.0#



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.927 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BE098768.D
Acq: 26 Feb 2019 20:41

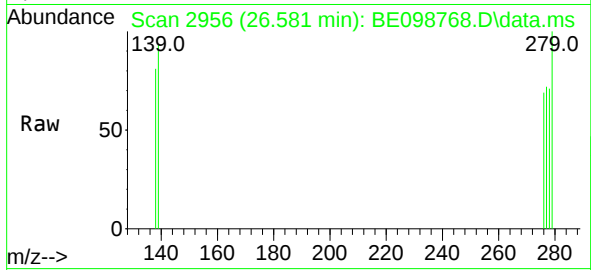
Tgt Ion:264 Resp: 6075
Ion Ratio Lower Upper
264 100
260 26.9 20.5 30.7
265 33.6 22.3 33.5#





#38
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 26.581 min Scan# 2956
 Delta R.T. -0.014 min
 Lab File: BE098768.D
 Acq: 26 Feb 2019 20:41

Instrument :
 BNA_E
 ClientSampleId :
 M1-T2-UV(POST)



Tgt Ion:278 Resp: 4
 Ion Ratio Lower Upper
 278 100
 139 131.4 12.7 19.1#
 279 141.2 22.0 33.0#

