

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE022619\
 Data File : BE098762.D
 Acq On : 26 Feb 2019 16:57
 Operator : JU/SJ
 Sample : K1603-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 27 00:23:13 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)

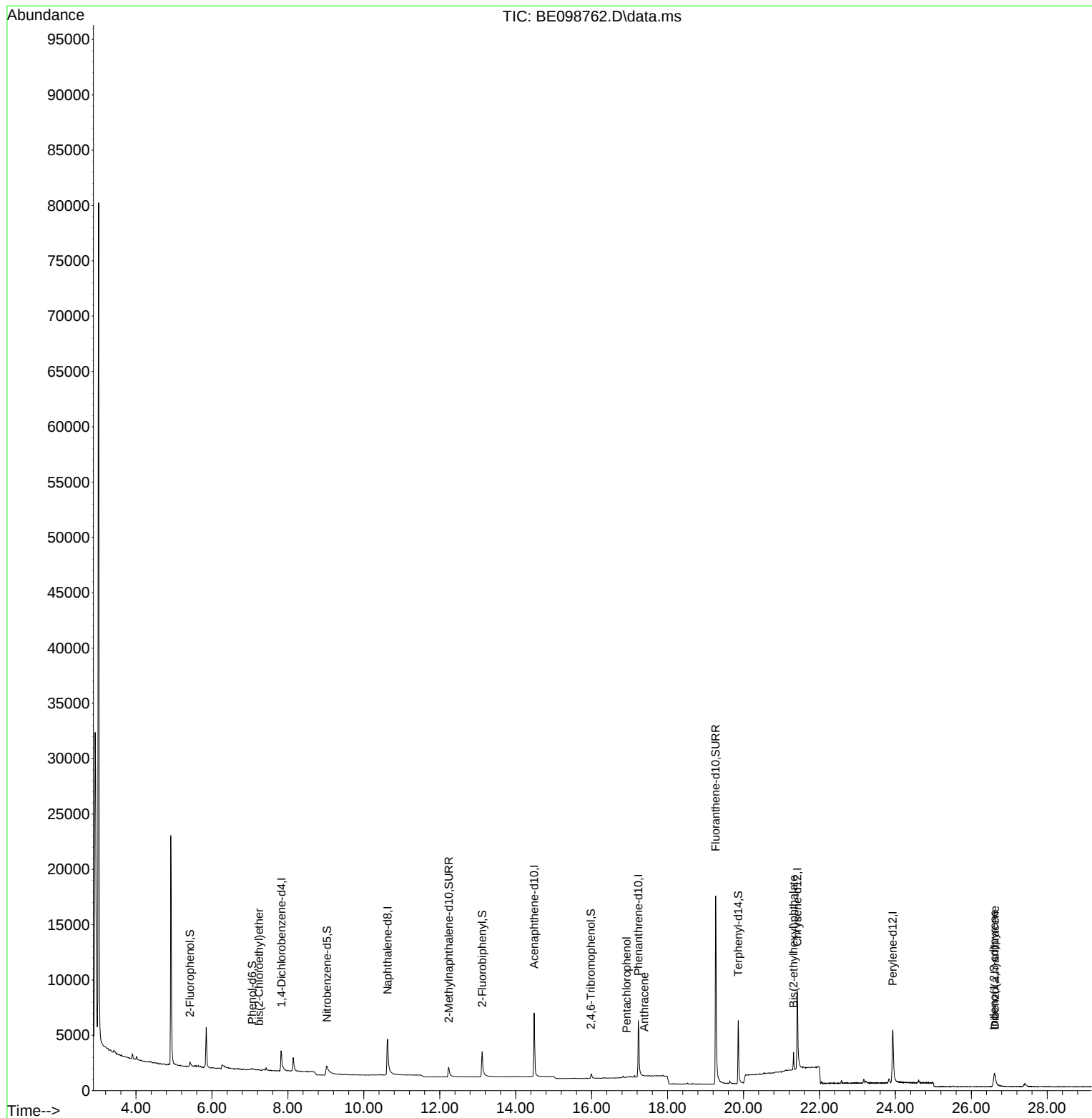
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1321	0.40	ng	0.01
7) Naphthalene-d8	10.628	136	5666	0.40	ng	0.03
13) Acenaphthene-d10	14.486	164	3968	0.40	ng	0.01
19) Phenanthrene-d10	17.229	188	10165	0.40	ng	# 0.00
27) Chrysene-d12	21.415	240	9817	0.40	ng	# 0.00
34) Perylene-d12	23.934	264	8898	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.422	112	368	0.11	ng	0.01
5) Phenol-d6	7.058	99	252	0.05	ng	0.06
8) Nitrobenzene-d5	9.030	82	885	0.20	ng	0.05
11) 2-Methylnaphthalene-d10	12.238	152	2209	0.21	ng	0.03
14) 2,4,6-Tribromophenol	15.984	330	382	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.117	172	3748	0.22	ng	0.03
25) Fluoranthene-d10	19.265	212	31395	0.22	ng	0.01
29) Terphenyl-d14	19.862	244	6276	0.26	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.242	93	15	0.07	ng	# 1
22) Pentachlorophenol	16.921	266	38	0.23	ng	# 64
24) Anthracene	17.389	178	38	0.08	ng	# 61
32) Bis(2-ethylhexyl)phtha...	21.318	149	1863	0.03	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.598	276	1766	0.14	ng	# 83
38) Dibenzo(a,h)anthracene	26.619	278	2096	0.23	ng	# 87

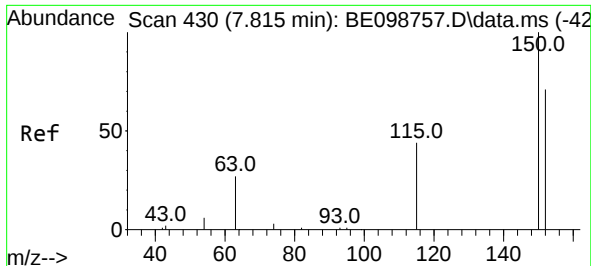
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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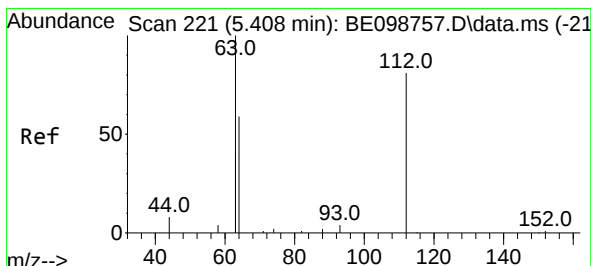
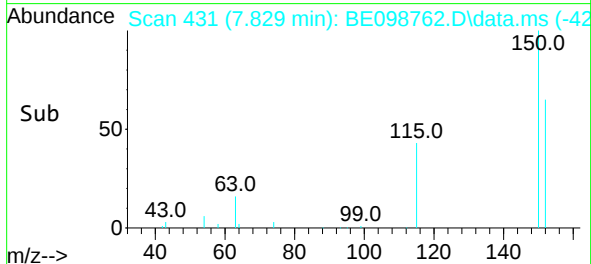
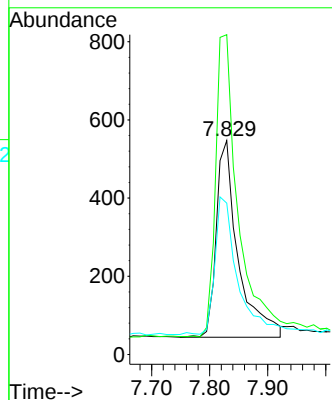
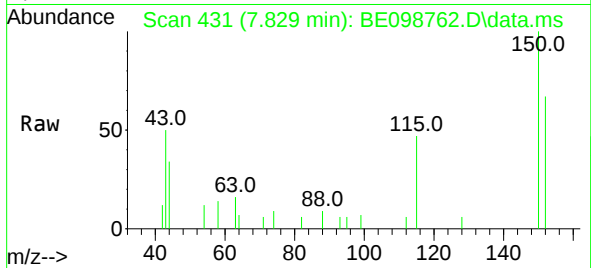




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.829 min Scan# 431
Delta R.T. 0.014 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

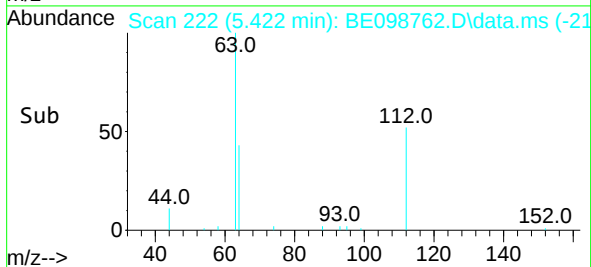
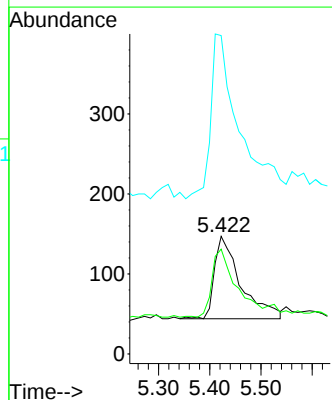
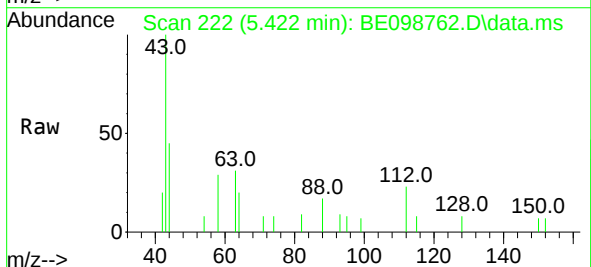
Instrument :
BNA_E
ClientSampleId :
M1-T1-OZ(POST)

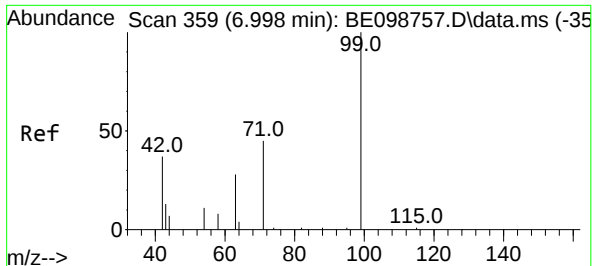
Tgt Ion:152 Resp: 1321
Ion Ratio Lower Upper
152 100
150 149.5 121.4 182.2
115 70.7 59.1 88.7



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.422 min Scan# 222
Delta R.T. 0.014 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion:112 Resp: 368
Ion Ratio Lower Upper
112 100
64 85.1 62.9 94.3
63 222.0 152.2 228.4

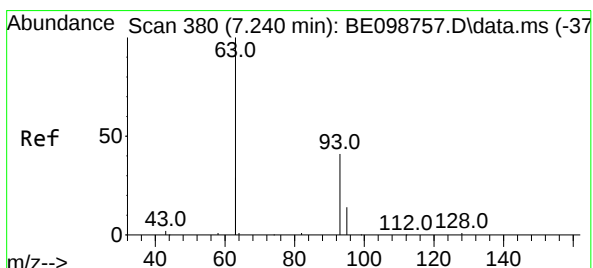
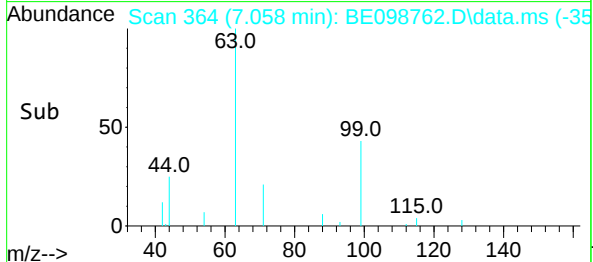
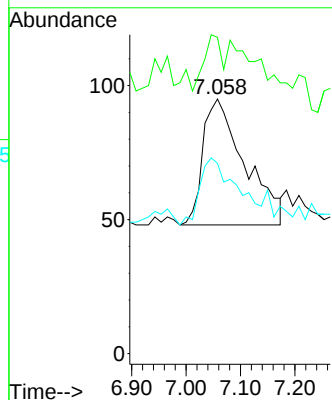
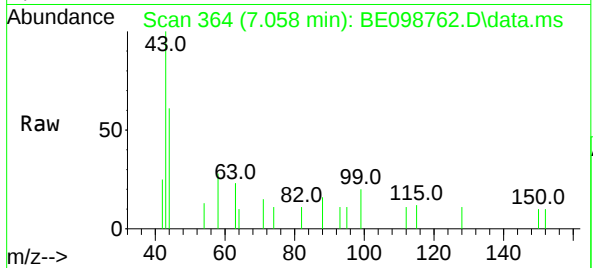




#5
Phenol-d6
Concen: 0.05 ng
RT: 7.058 min Scan# 364
Delta R.T. 0.060 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

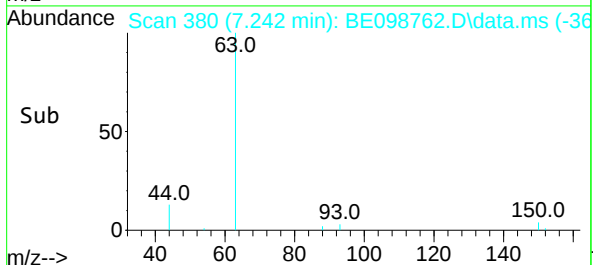
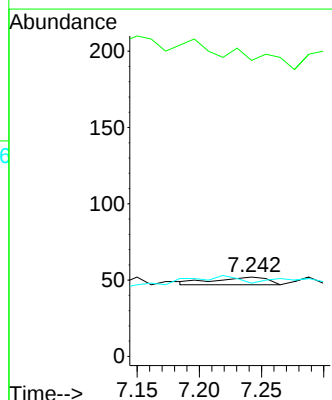
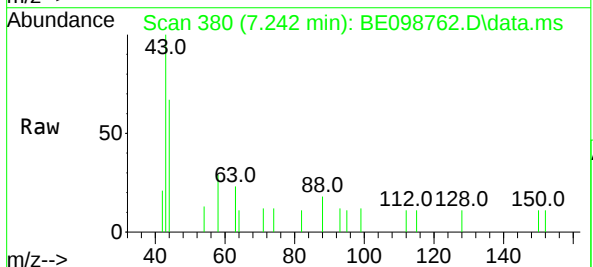
Instrument :
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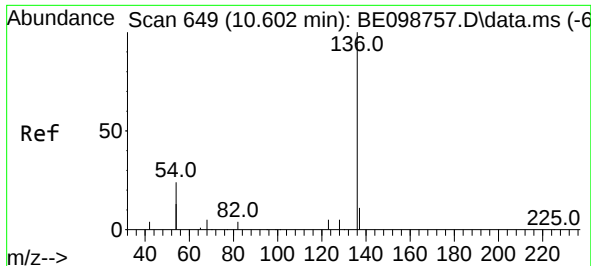
Tgt Ion: 99 Resp: 252
Ion Ratio Lower Upper
99 100
42 18.3 24.6 37.0#
71 47.6 35.1 52.7



#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.242 min Scan# 380
Delta R.T. 0.002 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

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

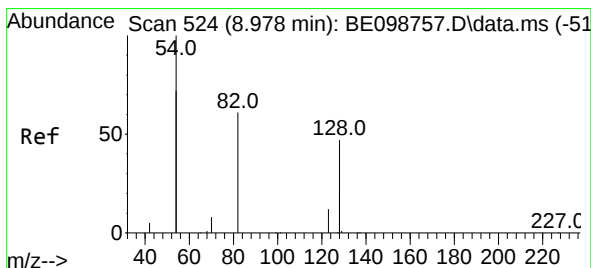
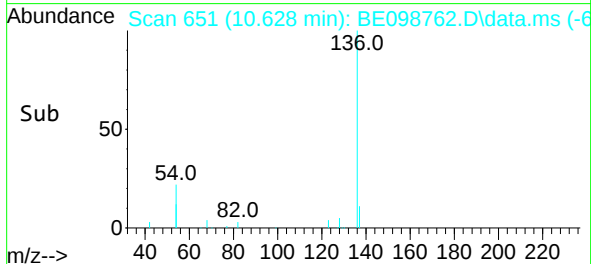
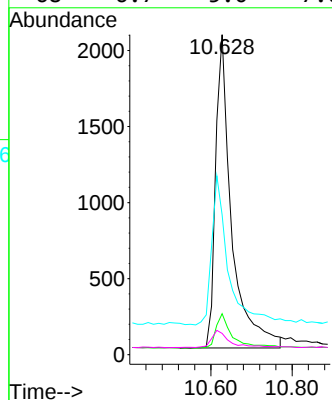
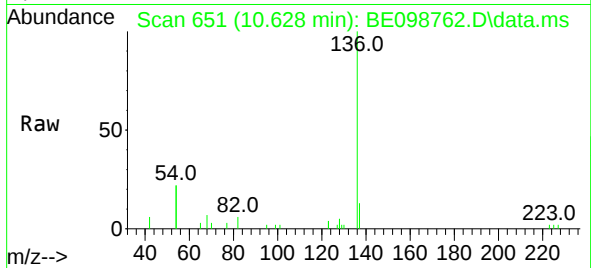




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.026 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

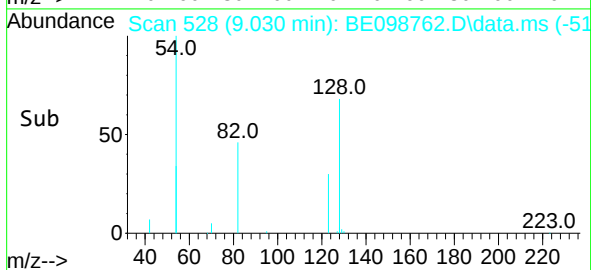
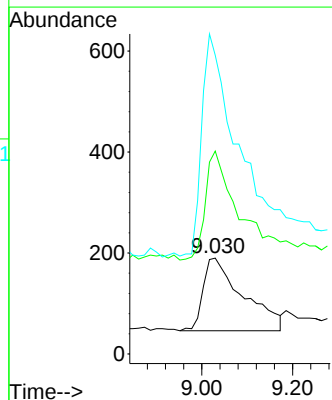
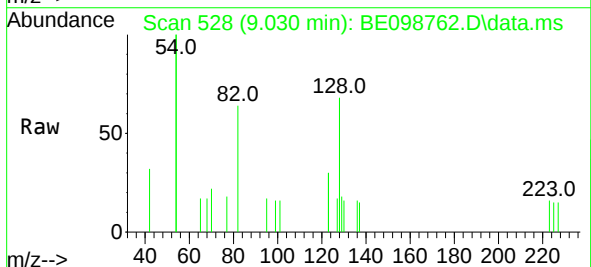
Instrument :
BNA_E
ClientSampleId :
M1-T1-OZ(POST)

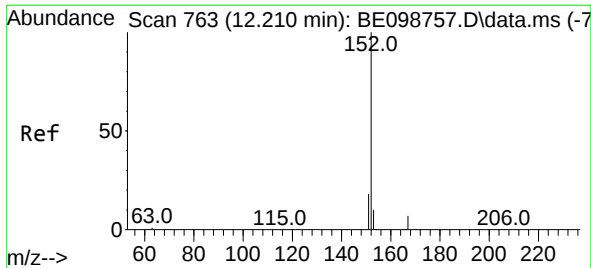
Tgt Ion:	136	Resp:	5666
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.7	14.5
54	43.7	35.5	53.3
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 9.030 min Scan# 528
Delta R.T. 0.052 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion:	82	Resp:	885
Ion	Ratio	Lower	Upper
82	100		
128	211.6	96.5	144.7#
54	311.6	224.7	337.1

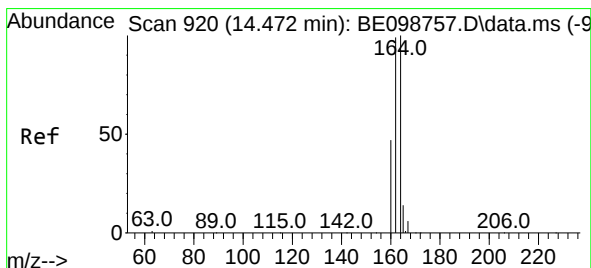
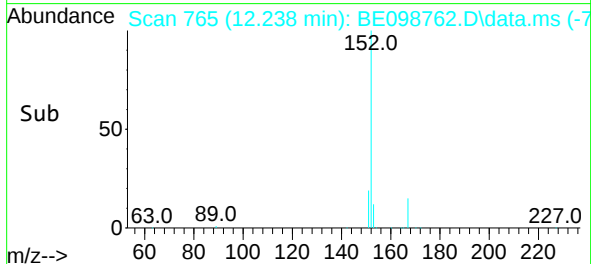
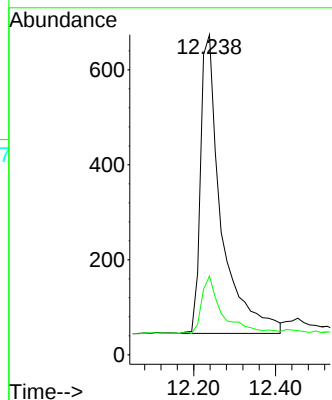
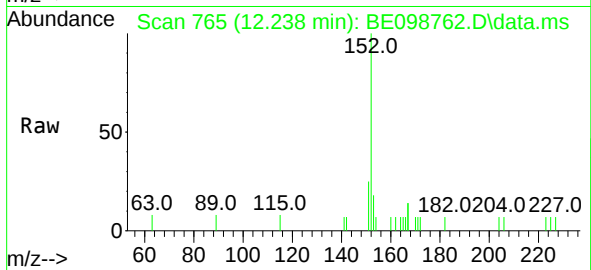




#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.238 min Scan# 765
Delta R.T. 0.029 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

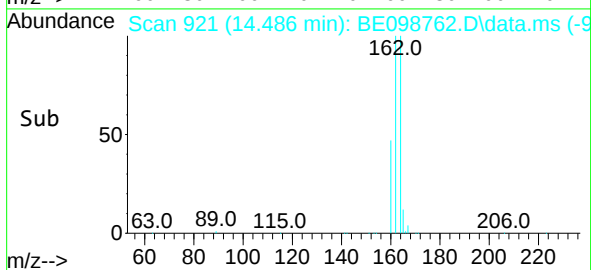
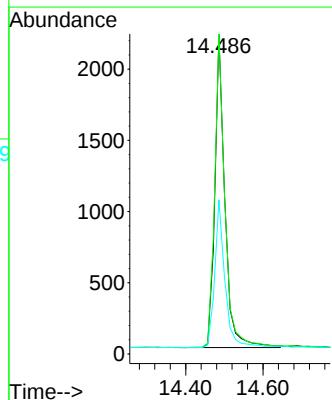
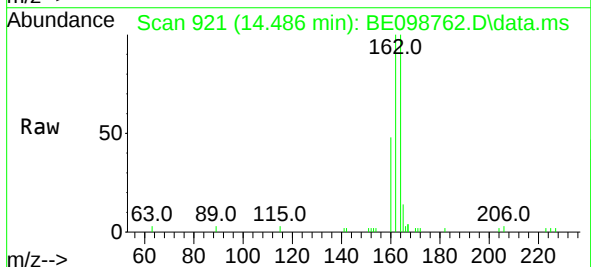
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ClientSampleId :
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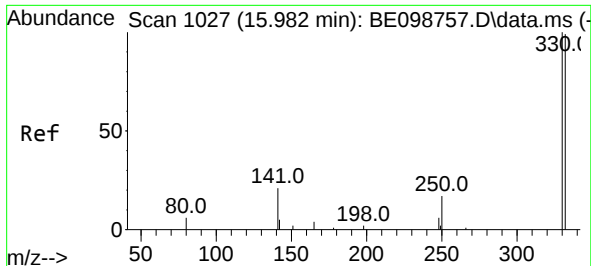
Tgt Ion:152 Resp: 2209
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.486 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion:164 Resp: 3968
Ion Ratio Lower Upper
164 100
162 100.3 80.5 120.7
160 48.3 40.1 60.1

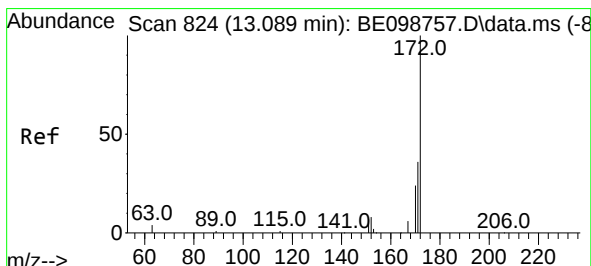
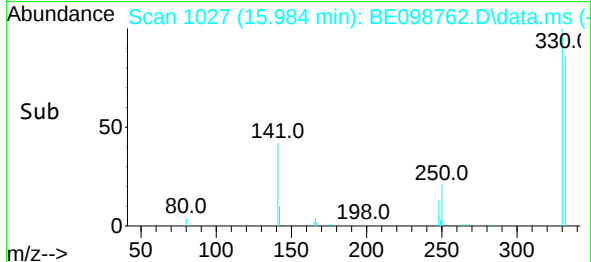
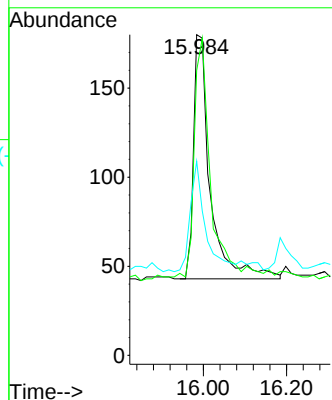
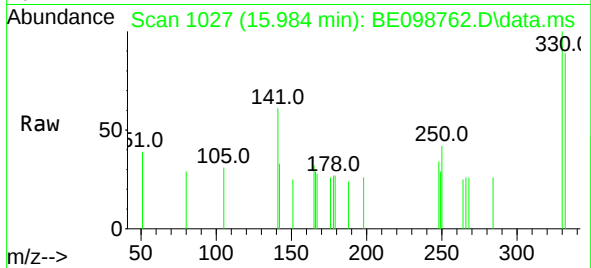




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.984 min Scan# 1027
Delta R.T. 0.002 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

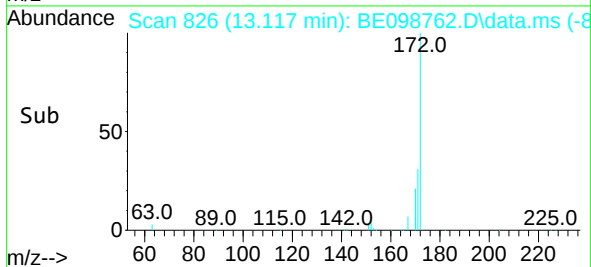
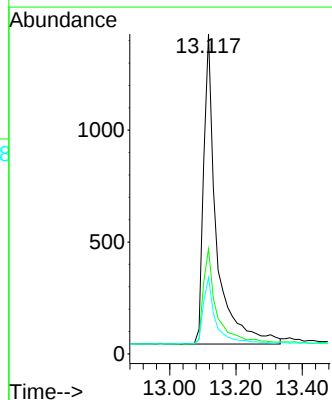
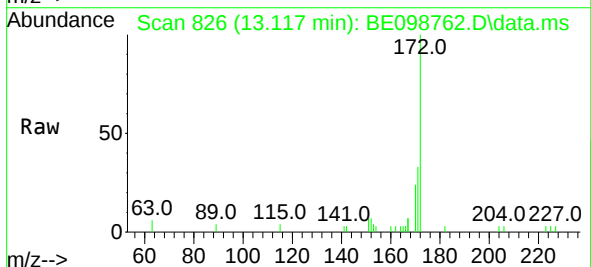
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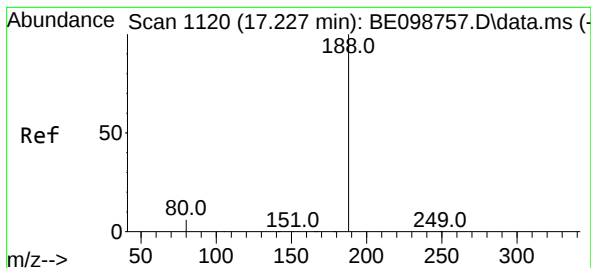
Tgt Ion: 330 Resp: 382
Ion Ratio Lower Upper
330 100
332 94.5 73.3 109.9
141 40.8 33.1 49.7



#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 13.117 min Scan# 826
Delta R.T. 0.028 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion: 172 Resp: 3748
Ion Ratio Lower Upper
172 100
171 32.9 29.0 43.4
170 23.9 20.8 31.2

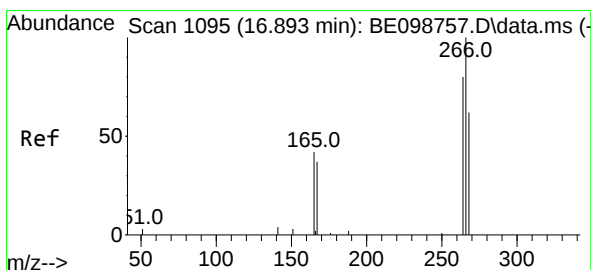
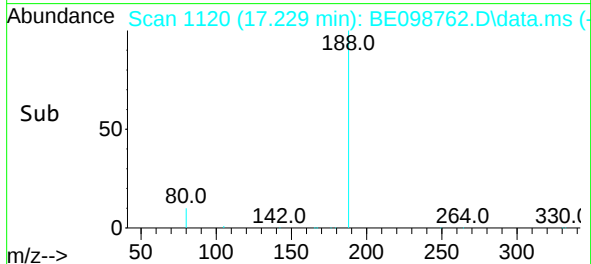
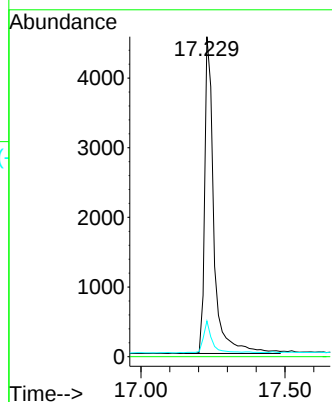
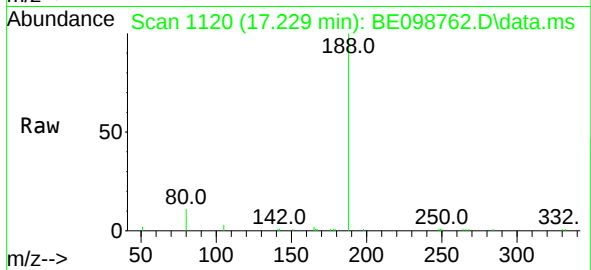




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.229 min Scan# 1120
Delta R.T. 0.002 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

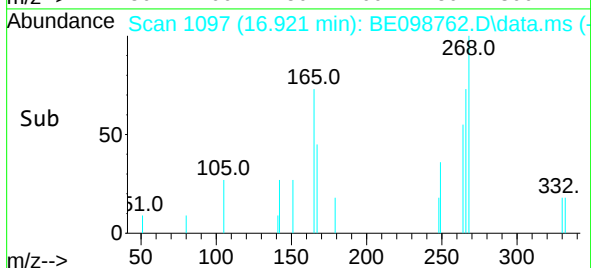
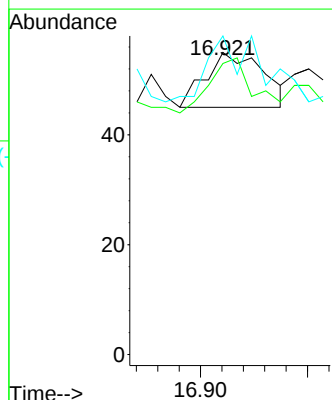
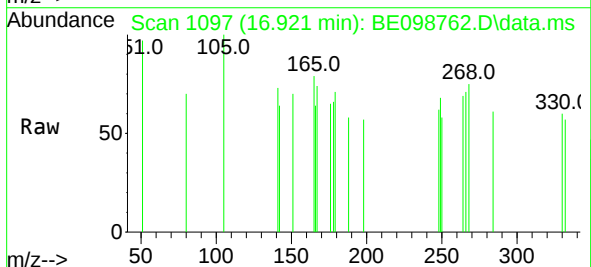
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ClientSampleId :
M1-T1-OZ(POST)

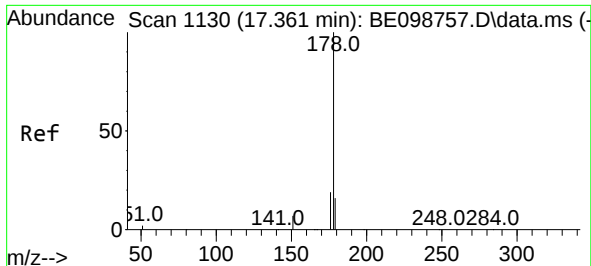
Tgt Ion:188 Resp: 10165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 4.7 7.1#



#22
Pentachlorophenol
Concen: 0.23 ng
RT: 16.921 min Scan# 1097
Delta R.T. 0.028 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion:266 Resp: 38
Ion Ratio Lower Upper
266 100
264 96.4 53.7 80.5#
268 105.5 59.8 89.8#

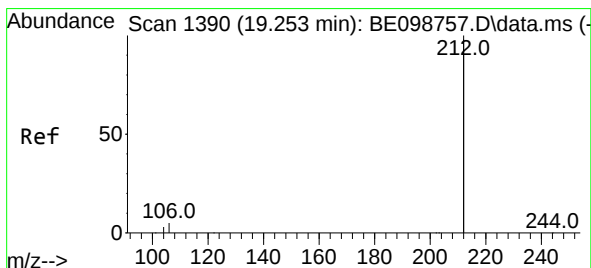
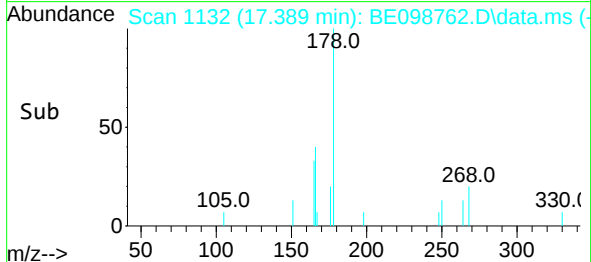
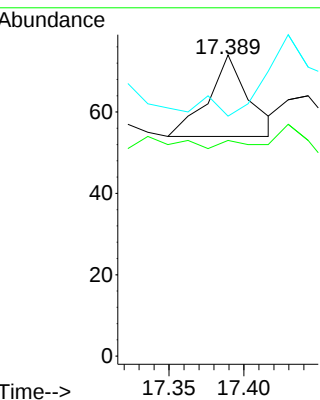
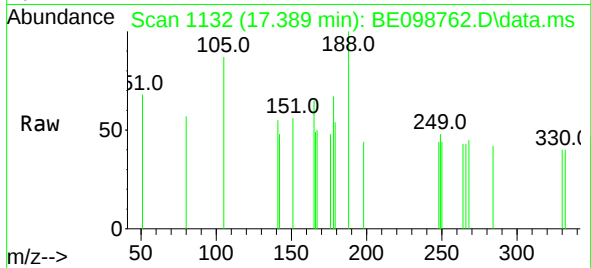




#24
 Anthracene
 Concen: 0.08 ng
 RT: 17.389 min Scan# 1132
 Delta R.T. 0.028 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

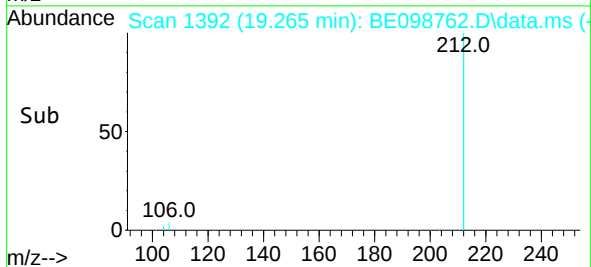
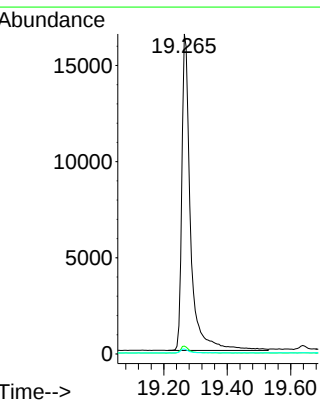
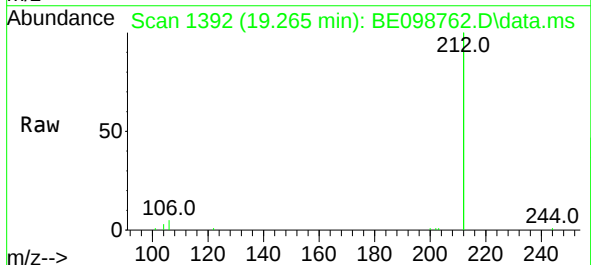
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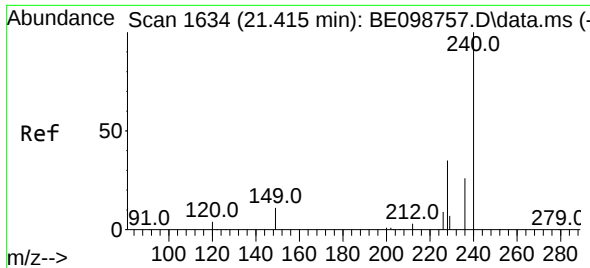
Tgt Ion:178 Resp: 38
 Ion Ratio Lower Upper
 178 100
 176 0.0 14.9 22.3#
 179 0.0 11.8 17.8#



#25
 Fluoranthene-d10
 Concen: 0.22 ng
 RT: 19.265 min Scan# 1392
 Delta R.T. 0.011 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

Tgt Ion:212 Resp: 31395
 Ion Ratio Lower Upper
 212 100
 106 2.1 1.7 2.5
 104 1.2 1.0 1.6

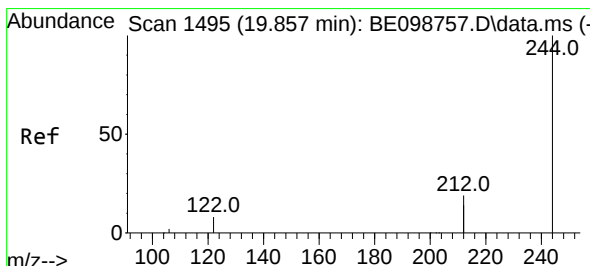
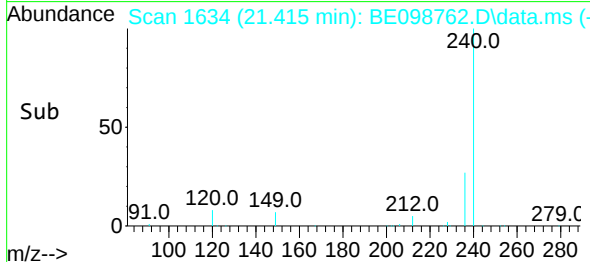
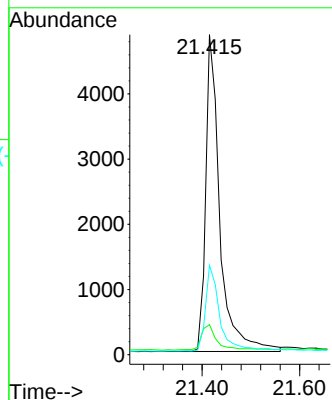
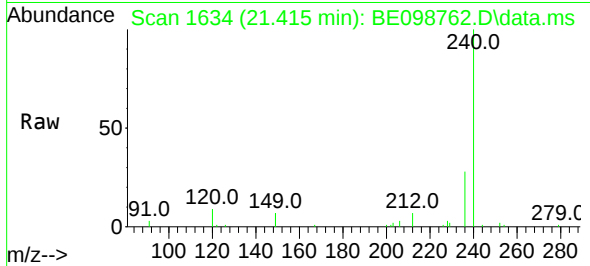




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.415 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

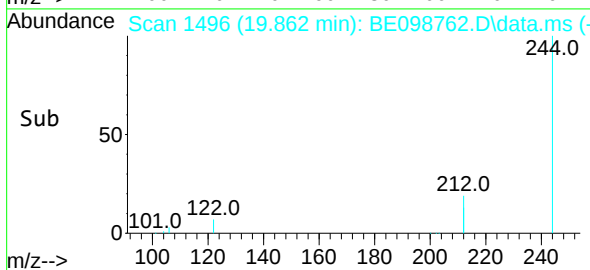
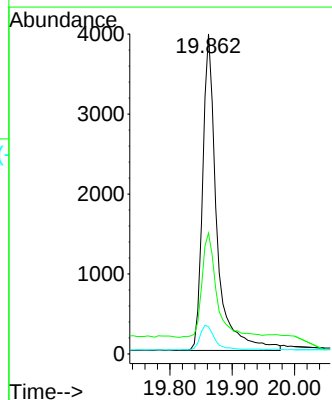
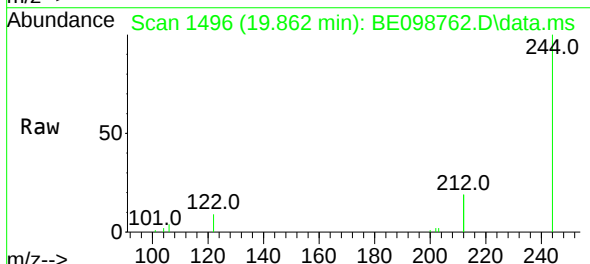
Instrument :
BNA_E
ClientSampleId :
M1-T1-OZ(POST)

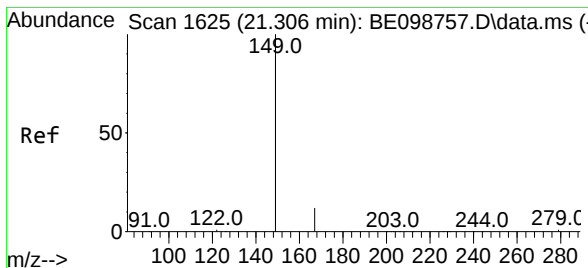
Tgt Ion:240 Resp: 9817
Ion Ratio Lower Upper
240 100
120 9.4 4.7 7.1#
236 28.0 21.9 32.9



#29
Terphenyl-d14
Concen: 0.26 ng
RT: 19.862 min Scan# 1496
Delta R.T. 0.005 min
Lab File: BE098762.D
Acq: 26 Feb 2019 16:57

Tgt Ion:244 Resp: 6276
Ion Ratio Lower Upper
244 100
212 37.8 29.4 44.2
122 8.5 7.1 10.7

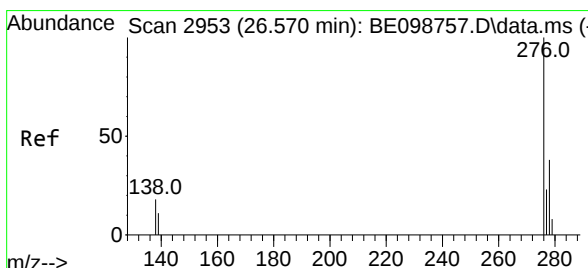
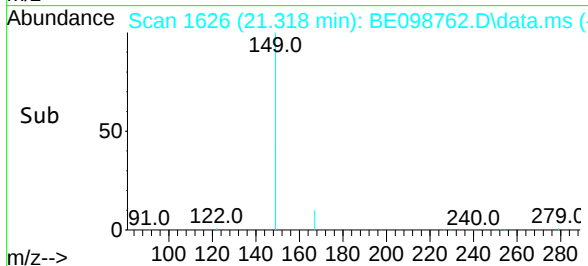
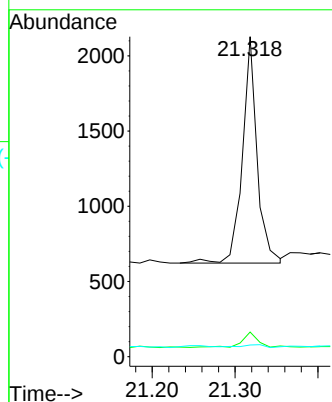
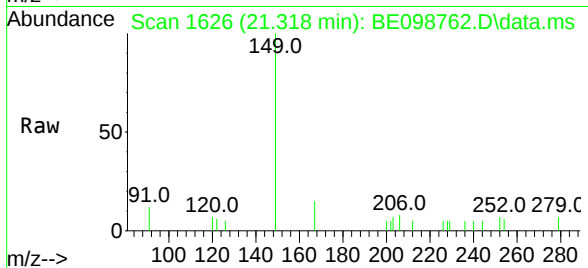




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.318 min Scan# 1626
 Delta R.T. 0.012 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

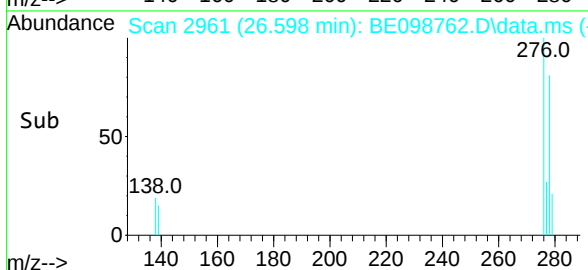
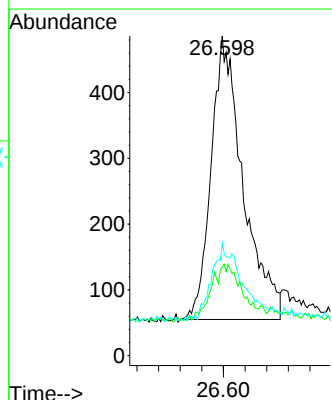
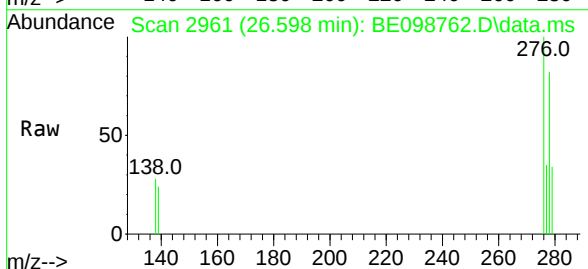
Instrument :
 BNA_E
 ClientSampleId :
 M1-T1-OZ(POST)

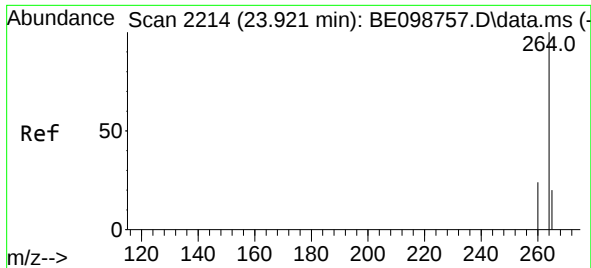
Tgt Ion:149 Resp: 1863
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.2
 279 0.9 1.0 1.4#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.14 ng
 RT: 26.598 min Scan# 2961
 Delta R.T. 0.028 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

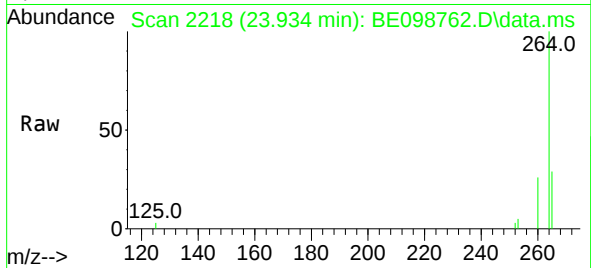
Tgt Ion:276 Resp: 1766
 Ion Ratio Lower Upper
 276 100
 138 12.1 13.3 19.9#
 277 13.9 19.4 29.0#



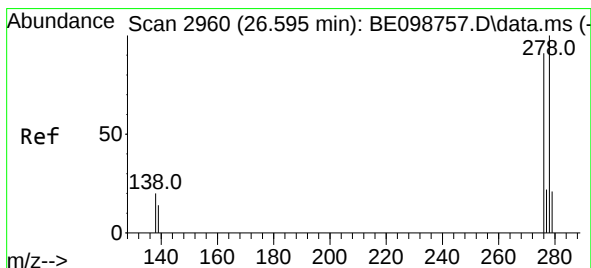
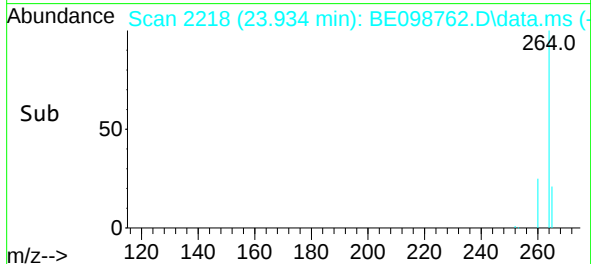
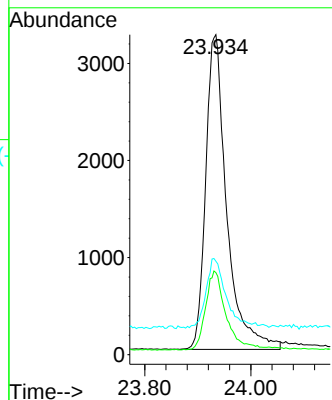


#34
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.934 min Scan# 2218
 Delta R.T. 0.013 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

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



Tgt Ion:264	Resp:	8898
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.5 30.7
265	29.2	22.3 33.5



#38
 Dibenzo(a,h)anthracene
 Concen: 0.23 ng
 RT: 26.619 min Scan# 2967
 Delta R.T. 0.024 min
 Lab File: BE098762.D
 Acq: 26 Feb 2019 16:57

Tgt Ion:278	Resp:	2096
Ion Ratio	Lower	Upper
278	100	
139	22.5	12.7 19.1#
279	33.5	22.0 33.0#

