

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
 Data File : BM028313.D
 Acq On : 31 Dec 2020 19:51
 Operator : JU/CG
 Sample : PB133673BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB133673BL

Quant Time: Jan 01 00:00:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 16:18:03 2020
 Response via : Initial Calibration

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

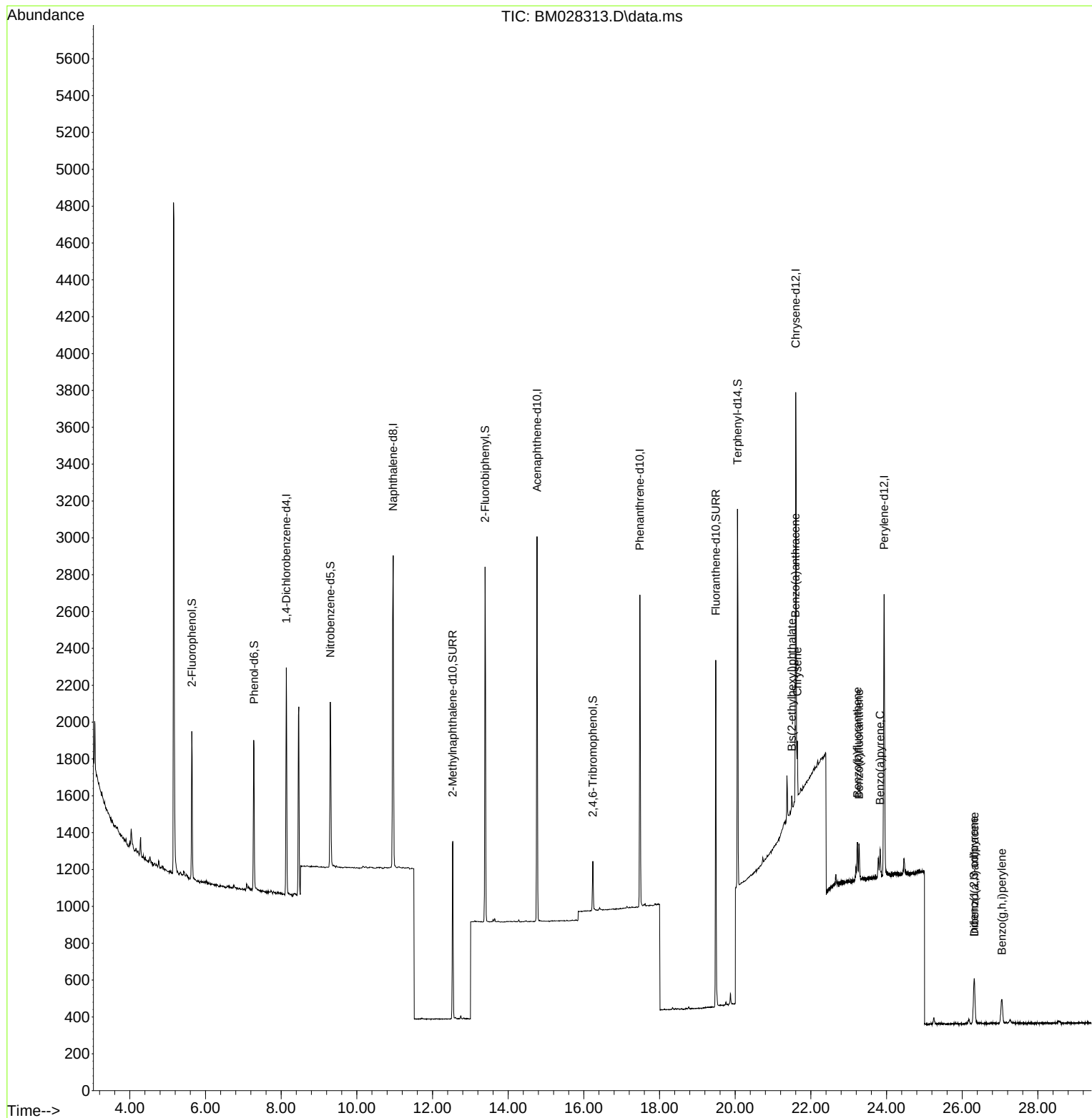
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	586	0.40	ng	0.00
7) Naphthalene-d8	10.959	136	2310	0.40	ng	0.00
13) Acenaphthene-d10	14.764	164	1162	0.40	ng	0.00
19) Phenanthrene-d10	17.480	188	2239	0.40	ng	# 0.00
27) Chrysene-d12	21.601	240	2141	0.40	ng	#-0.01
34) Perylene-d12	23.934	264	2135	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.638	112	594	0.30	ng	0.00
5) Phenol-d6	7.281	99	747	0.28	ng	0.00
8) Nitrobenzene-d5	9.299	82	687	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.535	152	1268	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.237	330	141	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.390	172	1630	0.34	ng	0.00
25) Fluoranthene-d10	19.486	212	2118	0.31	ng	0.00
29) Terphenyl-d14	20.061	244	1422	0.27	ng	-0.01
Target Compounds						
						Qvalue
30) Benzo(a)anthracene	21.590	228	212	0.03	ng	# 68
31) Chrysene	21.643	228	255	0.03	ng	# 72
32) Bis(2-ethylhexyl)phtha...	21.494	149	84	0.02	ng	# 87
33) Indeno(1,2,3-cd)pyrene	26.310	276	279	0.03	ng	# 87
35) Benzo(b)fluoranthene	23.229	252	275	0.03	ng	# 1
36) Benzo(k)fluoranthene	23.274	252	244	0.03	ng	# 1
37) Benzo(a)pyrene	23.832	252	212	0.03	ng	# 1
38) Dibenzo(a,h)anthracene	26.323	278	245	0.03	ng	# 1
39) Benzo(g,h,i)perylene	27.049	276	296	0.04	ng	# 28

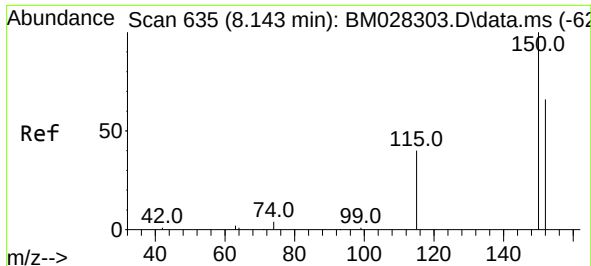
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
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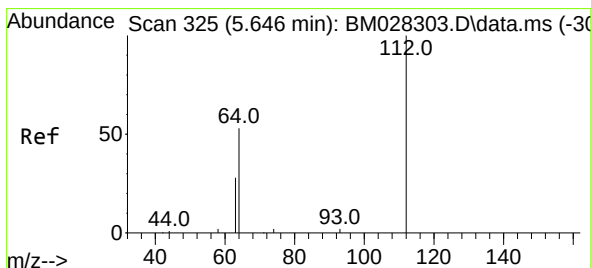
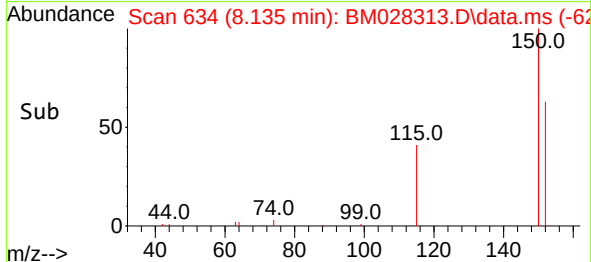
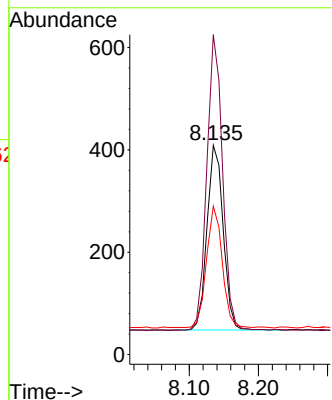
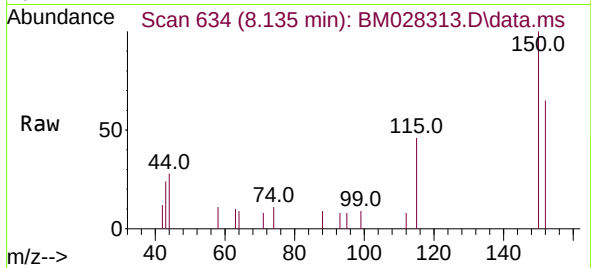




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.135 min Scan# 634
Delta R.T. -0.008 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

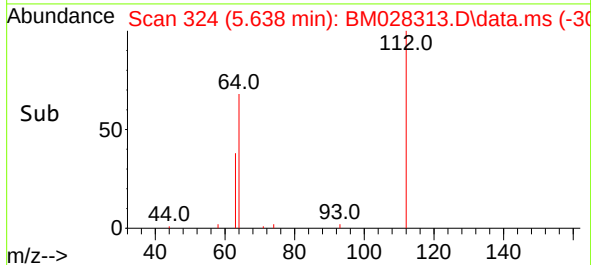
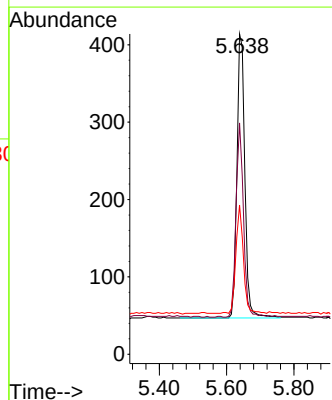
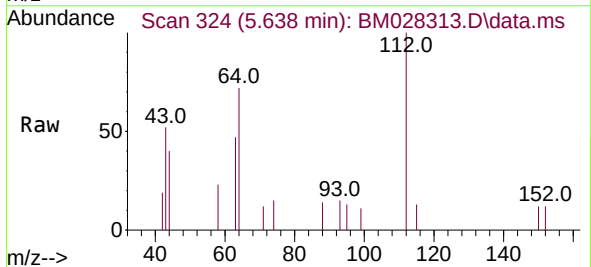
Instrument :
BNA_M
ClientSampled :
PB133673BL

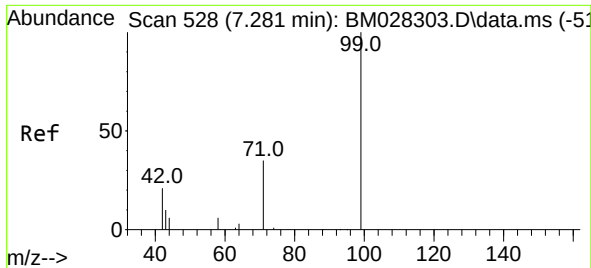
Tgt Ion:152 Resp: 586
Ion Ratio Lower Upper
152 100
150 152.8 116.6 174.8
115 70.9 52.9 79.3



#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.638 min Scan# 324
Delta R.T. -0.008 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:112 Resp: 594
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 36.2 32.0 48.0

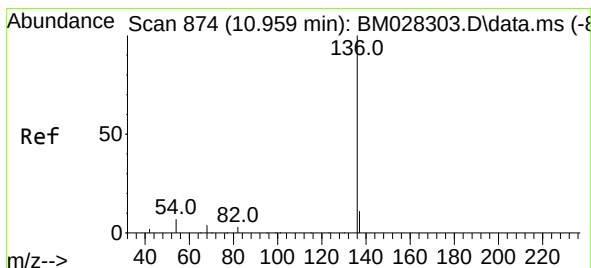
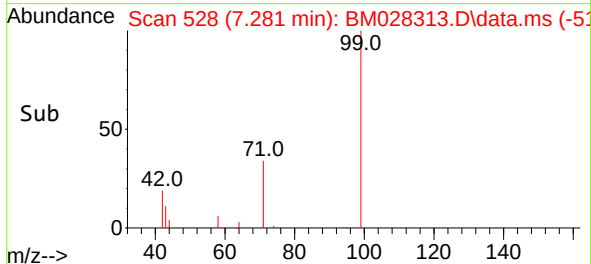
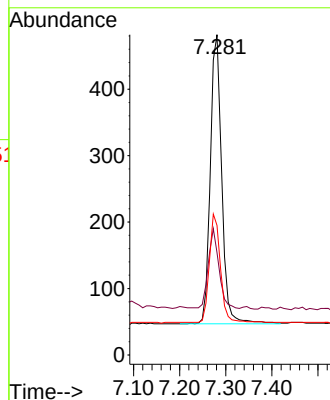
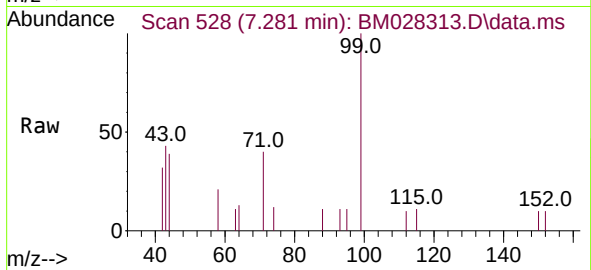




#5
Phenol-d6
Concen: 0.28 ng
RT: 7.281 min Scan# 528
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

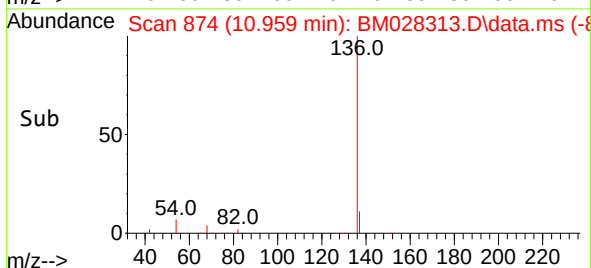
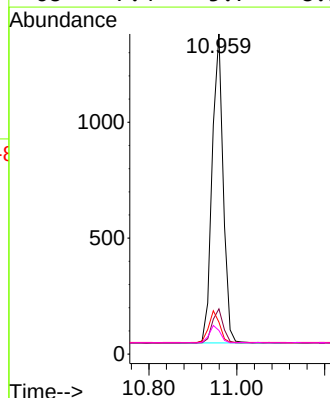
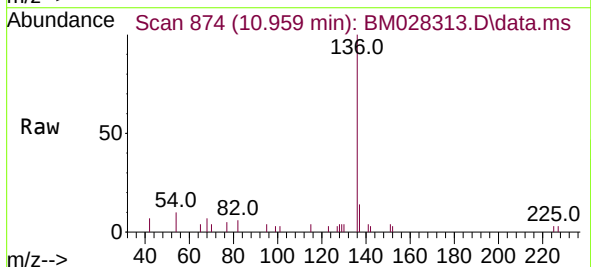
Instrument :
BNA_M
ClientSampleId :
PB133673BL

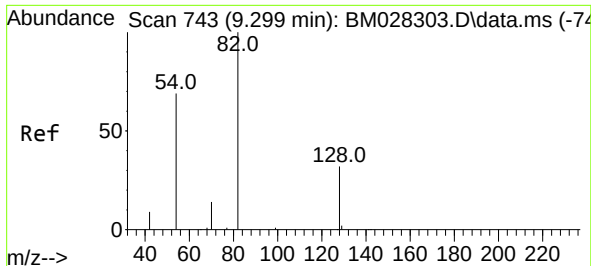
Tgt Ion:	99	Resp:	747
Ion	Ratio	Lower	Upper
99	100		
42	25.7	22.4	33.6
71	36.5	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.959 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:	136	Resp:	2310
Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.6	15.8
54	10.0	8.6	12.8
68	7.4	5.7	8.5

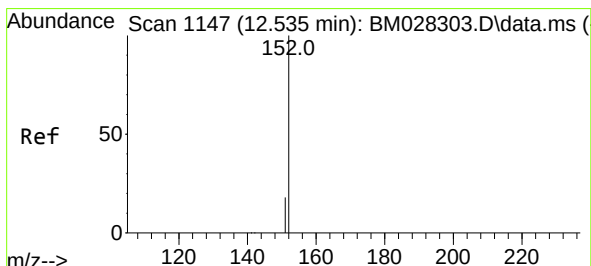
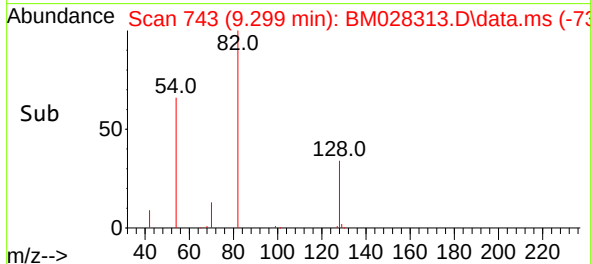
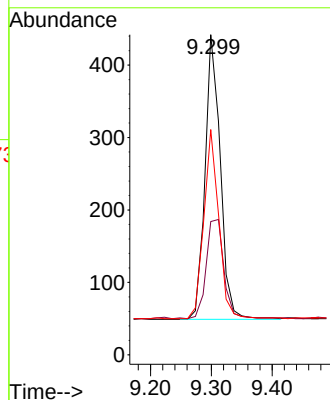
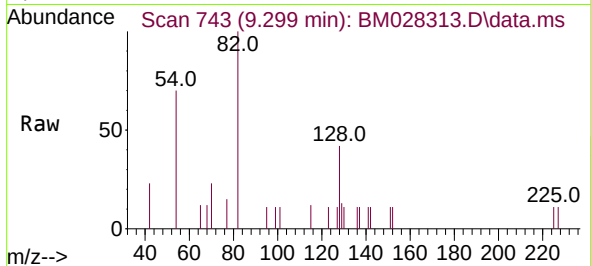




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 9.299 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

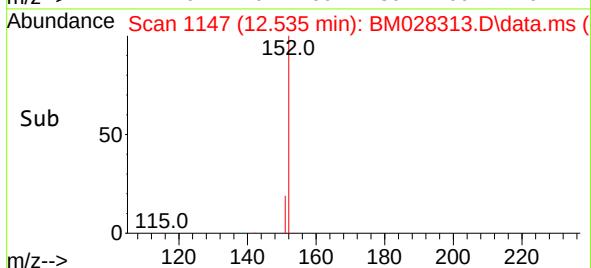
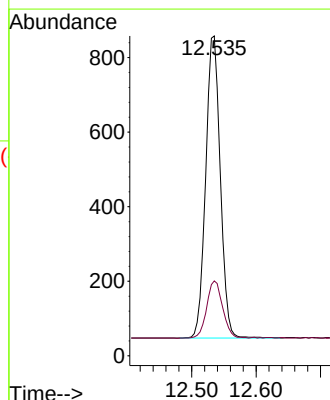
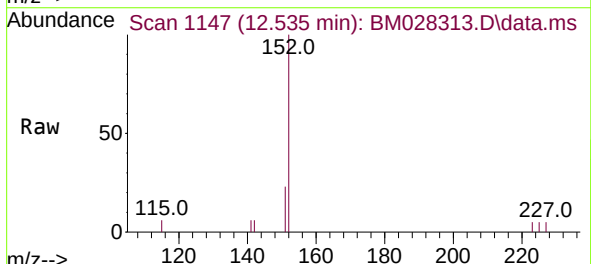
Instrument :
BNA_M
ClientSampleId :
PB133673BL

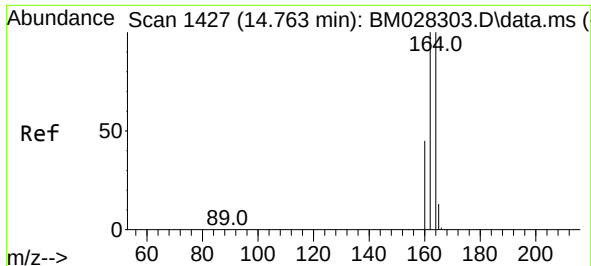
Tgt Ion: 82 Resp: 687
Ion Ratio Lower Upper
82 100
128 41.6 30.6 46.0
54 70.4 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.535 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion: 152 Resp: 1268
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

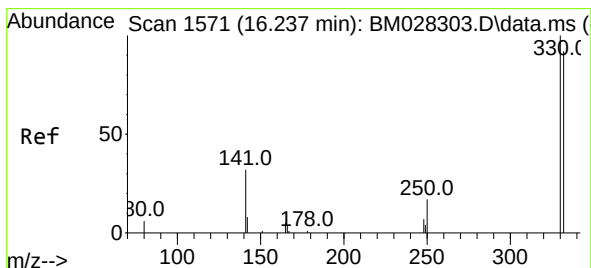
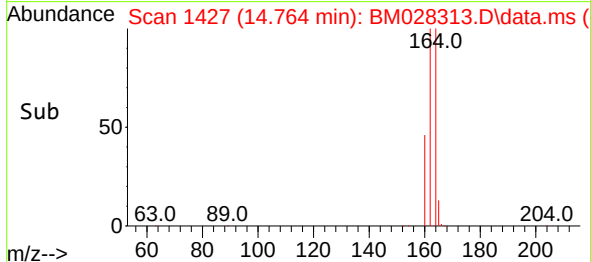
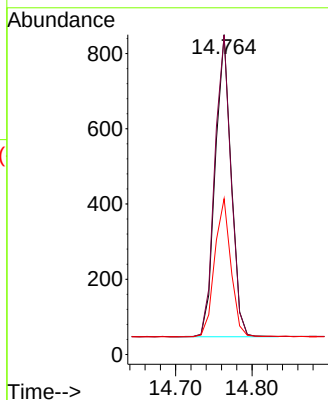
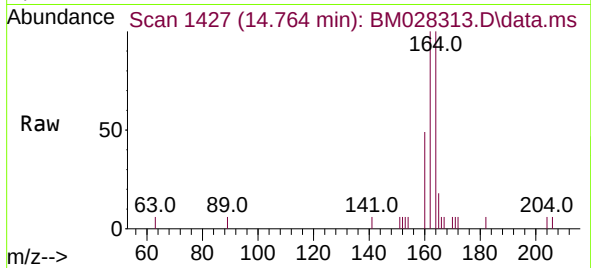




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.764 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

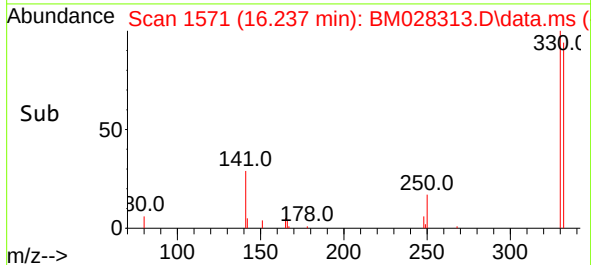
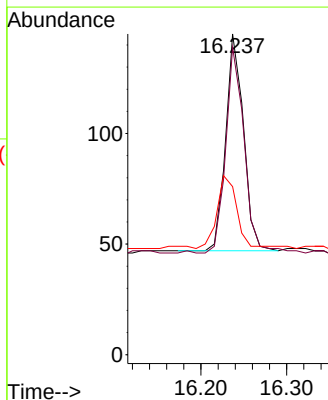
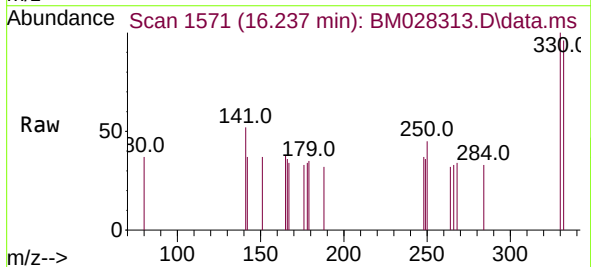
Instrument :
BNA_M
ClientSampleId :
PB133673BL

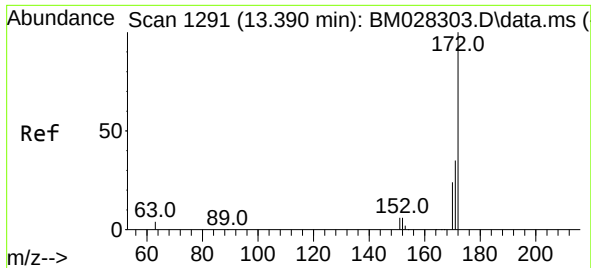
Tgt Ion:164	Resp:	1162
Ion Ratio	Lower	Upper
164	100	
162	99.9	80.6 120.8
160	48.7	39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 16.237 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:330	Resp:	141
Ion Ratio	Lower	Upper
330	100	
332	99.3	0.0 0.0#
141	38.3	34.4 51.6

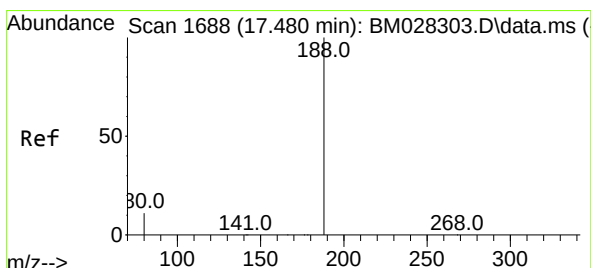
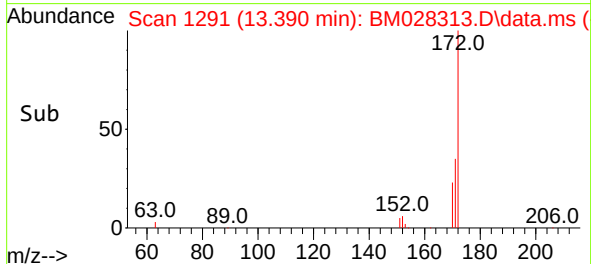
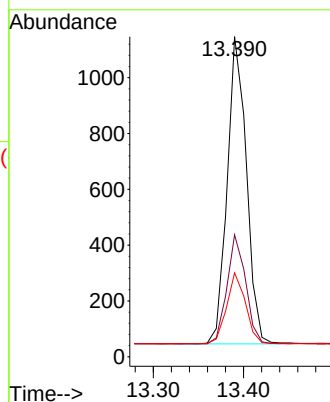
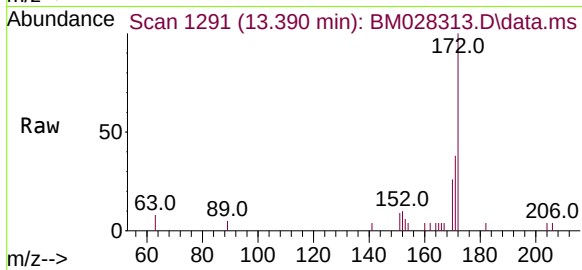




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.390 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

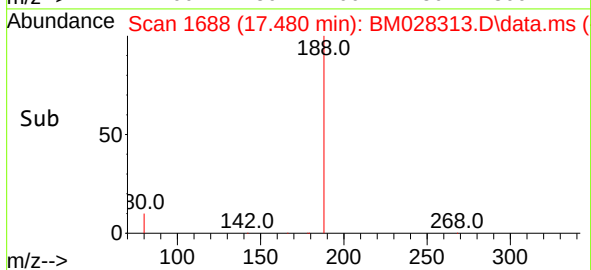
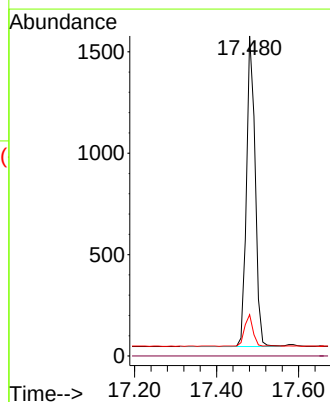
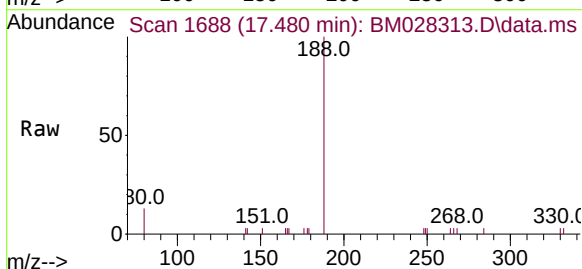
Instrument :
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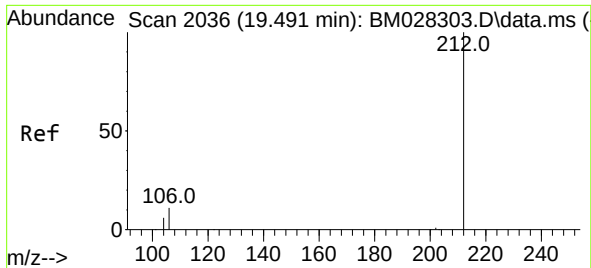
Tgt Ion:172	Resp:	1630
Ion Ratio	Lower	Upper
172	100	
171	38.1	28.2 42.4
170	26.2	20.0 30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.480 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:188	Resp:	2239
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.9	5.0 7.4#

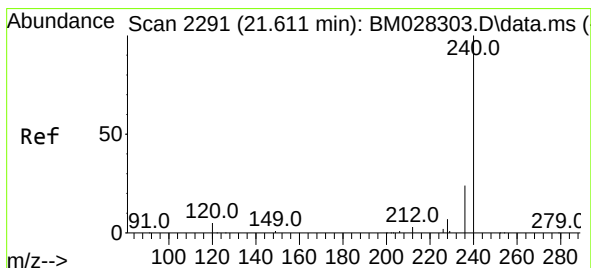
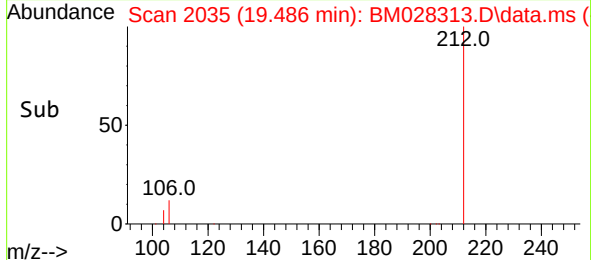
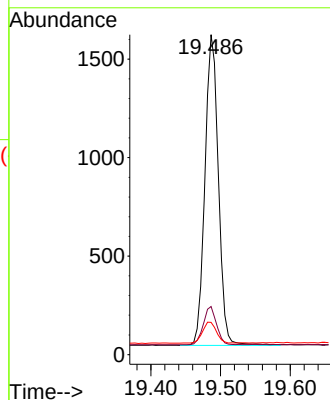
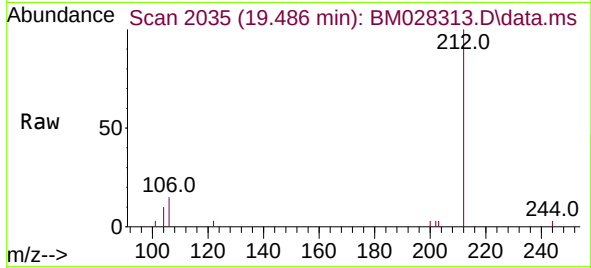




#25
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.486 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

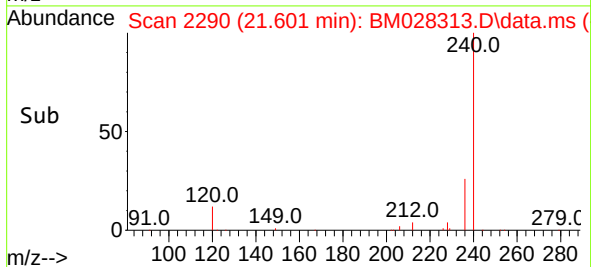
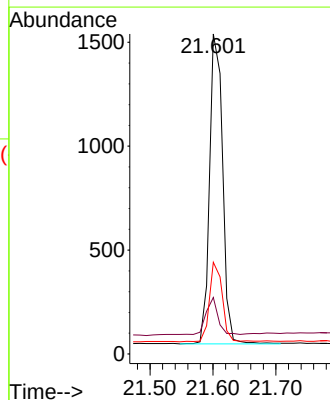
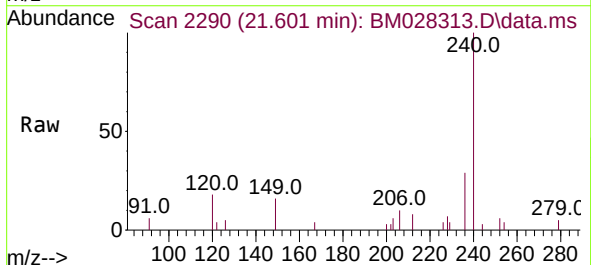
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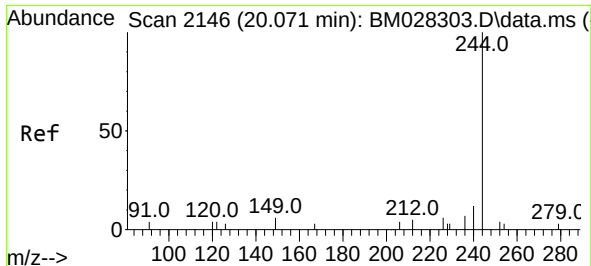
Tgt Ion:212 Resp: 2118
Ion Ratio Lower Upper
212 100
106 12.0 6.8 10.2#
104 7.1 4.1 6.1#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.601 min Scan# 2290
Delta R.T. -0.011 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:240 Resp: 2141
Ion Ratio Lower Upper
240 100
120 17.7 5.3 7.9#
236 28.6 21.8 32.8

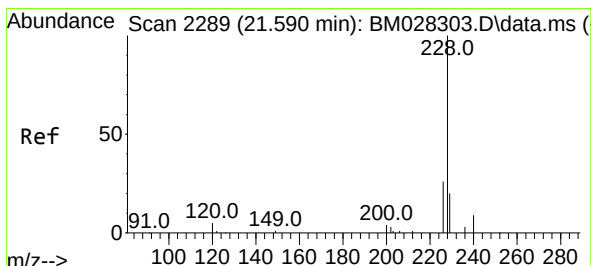
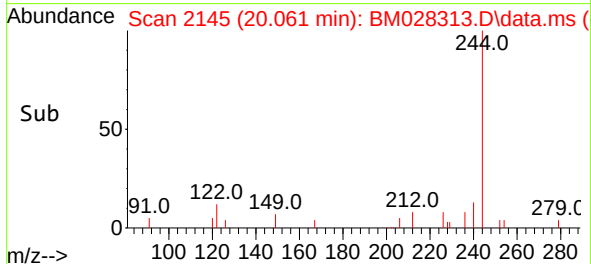
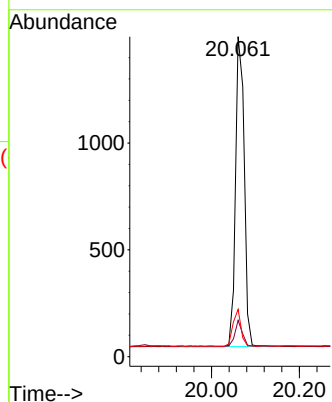
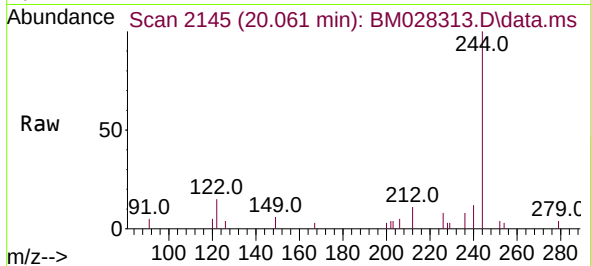




#29
 Terphenyl-d14
 Concen: 0.27 ng
 RT: 20.061 min Scan# 2145
 Delta R.T. -0.011 min
 Lab File: BM028313.D
 Acq: 31 Dec 2020 19:51

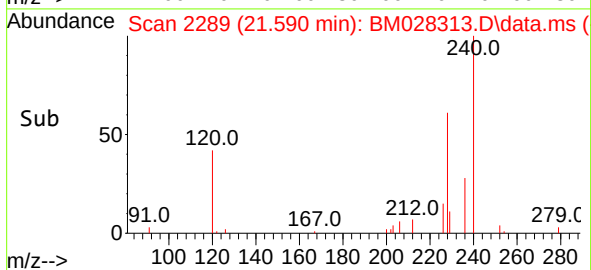
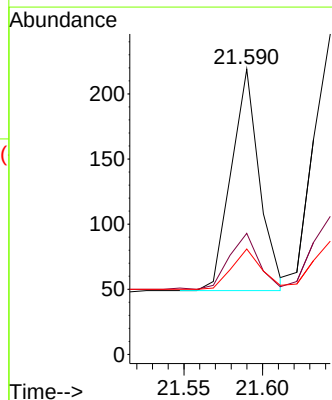
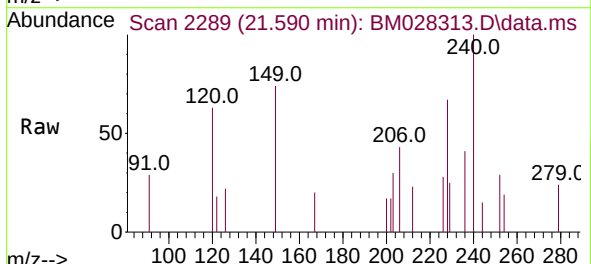
Instrument :
 BNA_M
 ClientSampleId :
 PB133673BL

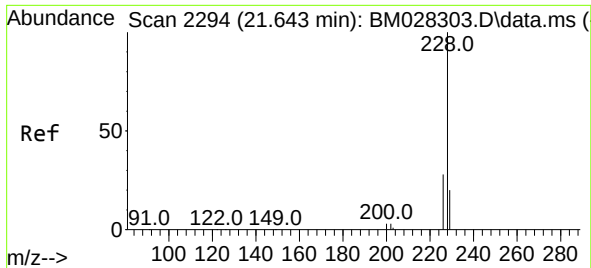
Tgt Ion:244 Resp: 1422
 Ion Ratio Lower Upper
 244 100
 212 11.3 7.3 10.9#
 122 14.8 7.3 10.9#



#30
 Benzo(a)anthracene
 Concen: 0.03 ng
 RT: 21.590 min Scan# 2289
 Delta R.T. 0.000 min
 Lab File: BM028313.D
 Acq: 31 Dec 2020 19:51

Tgt Ion:228 Resp: 212
 Ion Ratio Lower Upper
 228 100
 226 42.5 22.3 33.5#
 229 37.0 15.7 23.5#

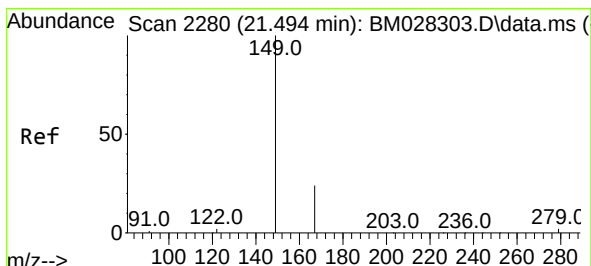
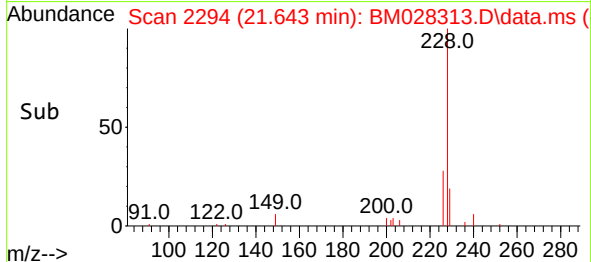
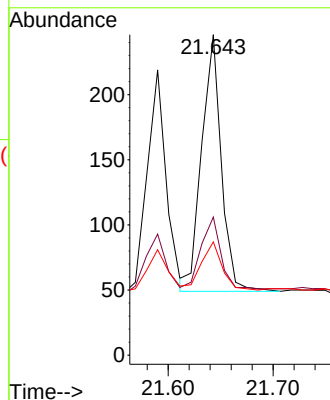
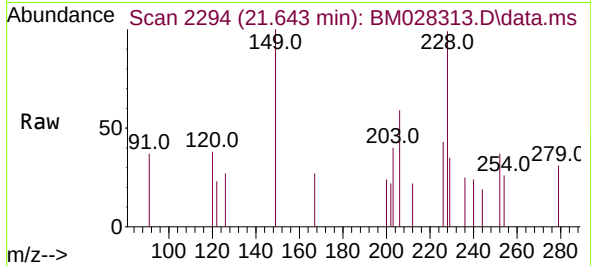




#31
Chrysene
Concen: 0.03 ng
RT: 21.643 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

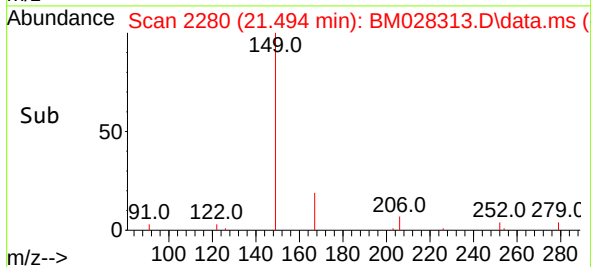
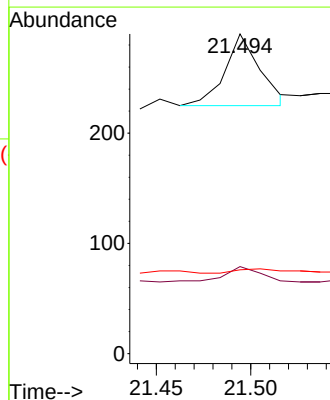
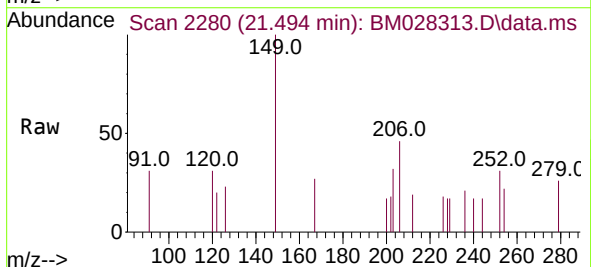
Instrument :
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ClientSampleId :
PB133673BL

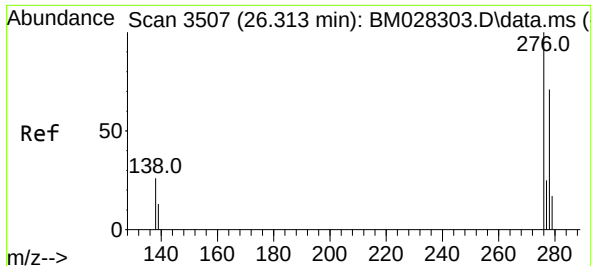
Tgt Ion:228	Resp:	255
Ion Ratio	Lower	Upper
228	100	
226	43.1	24.2 36.2#
229	35.4	15.7 23.5#



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.494 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:149	Resp:	84
Ion Ratio	Lower	Upper
149	100	
167	21.4	23.2 34.8#
279	7.1	3.9 5.9#

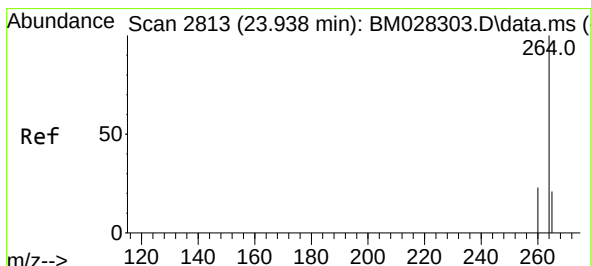
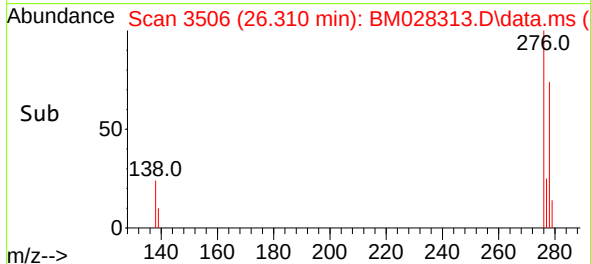
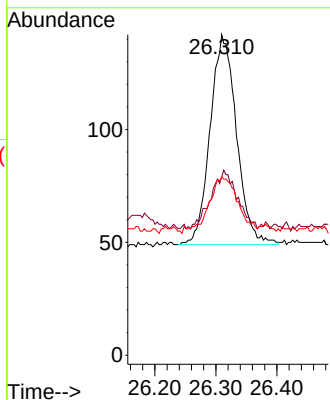
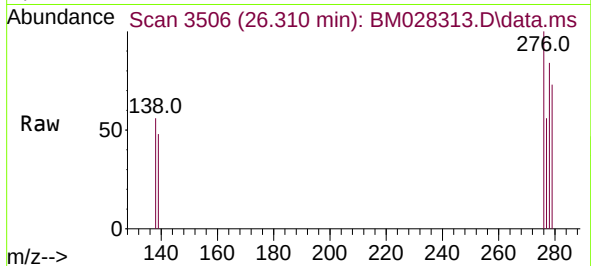




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.310 min Scan# 3506
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

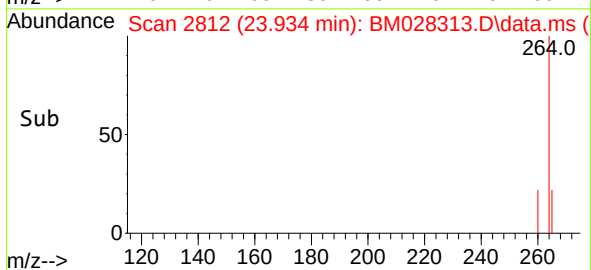
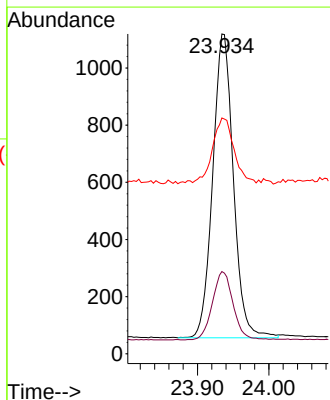
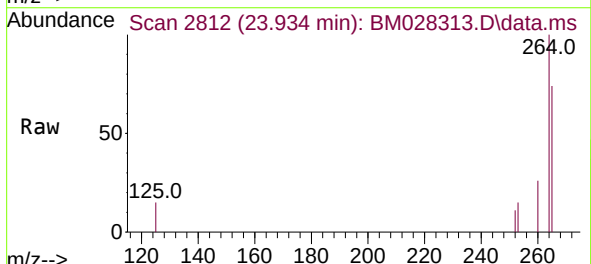
Instrument :
BNA_M
ClientSampleId :
PB133673BL

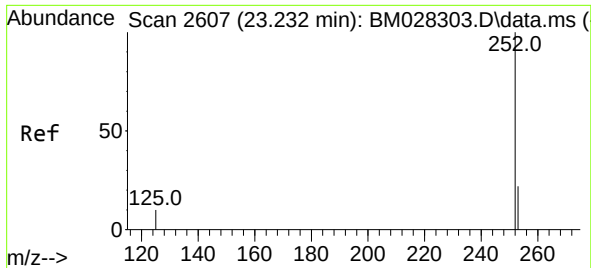
Tgt Ion:276 Resp: 279
Ion Ratio Lower Upper
276 100
138 27.6 13.3 19.9#
277 28.0 20.2 30.4



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.934 min Scan# 2812
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:264 Resp: 2135
Ion Ratio Lower Upper
264 100
260 25.7 19.8 29.6
265 73.7 51.4 77.0

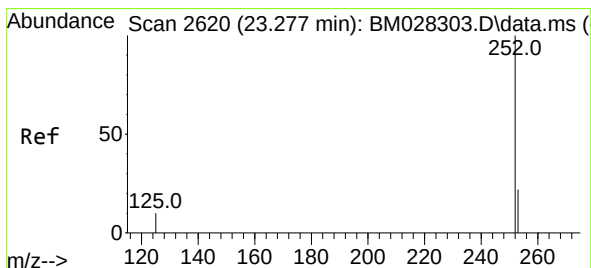
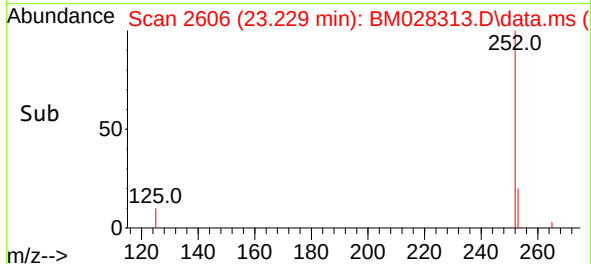
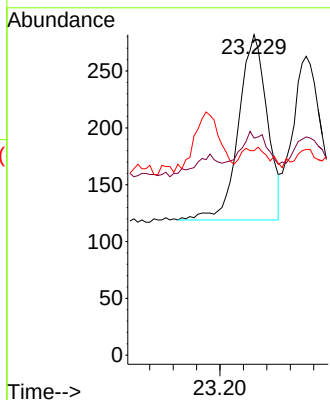
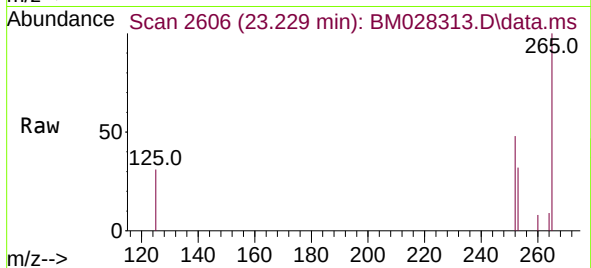




#35
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.229 min Scan# 2606
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

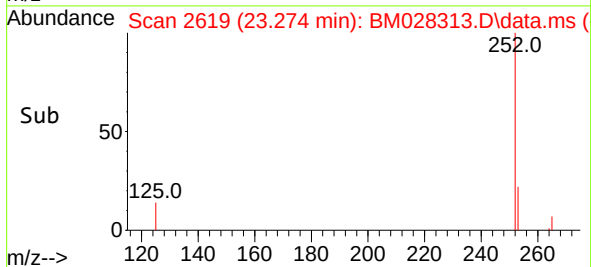
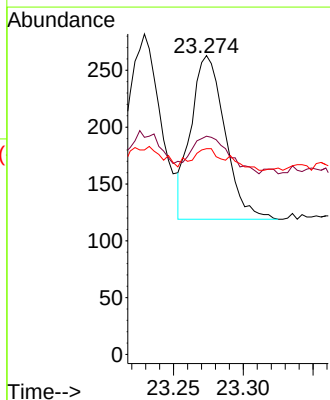
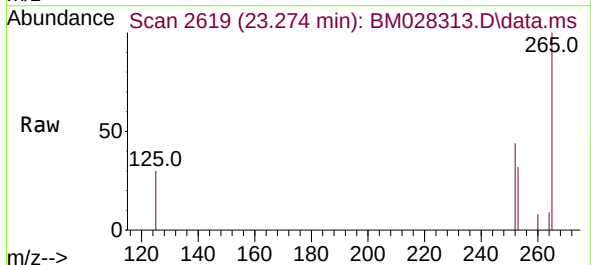
Instrument :
BNA_M
ClientSampleId :
PB133673BL

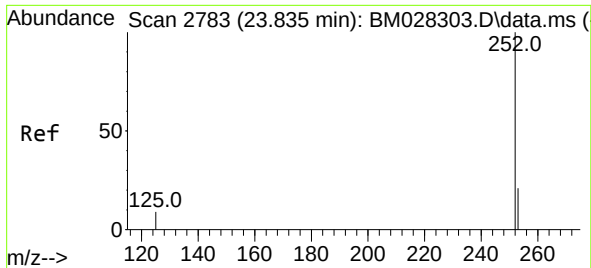
Tgt Ion:252 Resp: 275
Ion Ratio Lower Upper
252 100
253 67.7 20.1 30.1#
125 63.8 7.2 10.8#



#36
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.274 min Scan# 2619
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:252 Resp: 244
Ion Ratio Lower Upper
252 100
253 73.0 19.8 29.8#
125 68.8 7.1 10.7#

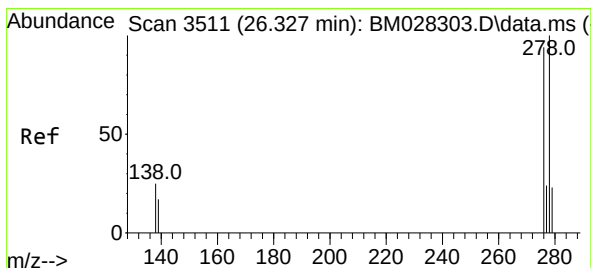
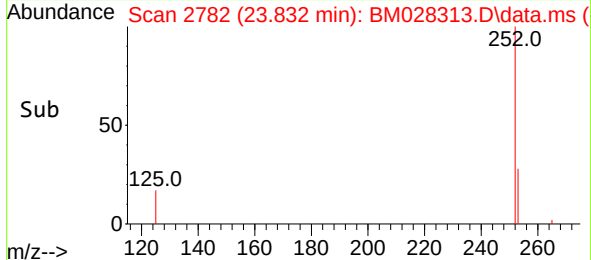
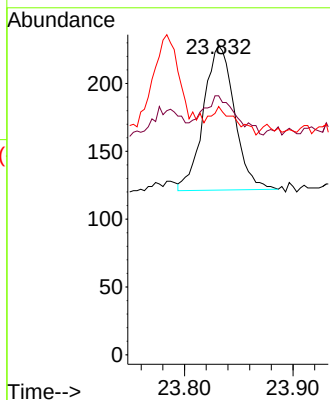
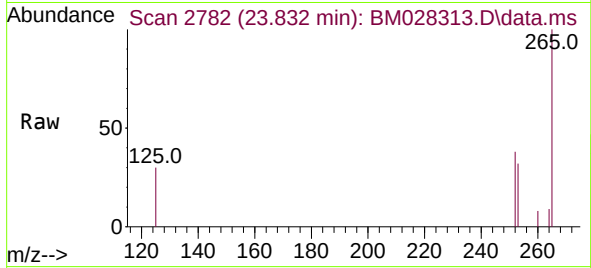




#37
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.832 min Scan# 2782
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

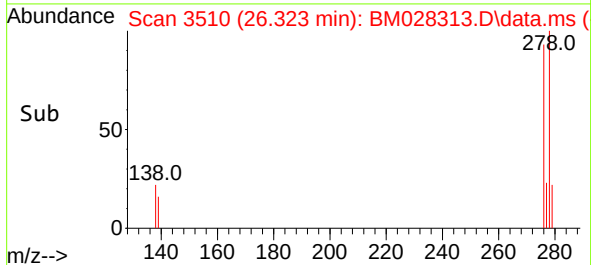
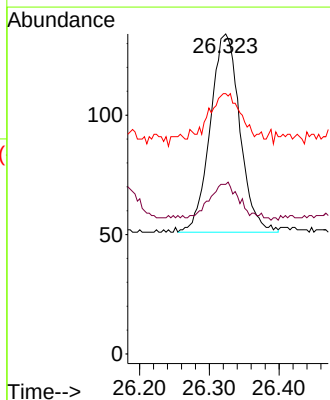
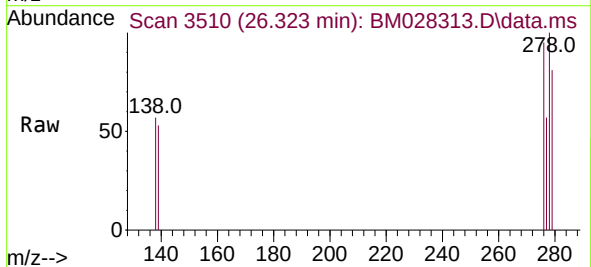
Instrument :
BNA_M
ClientSampleId :
PB133673BL

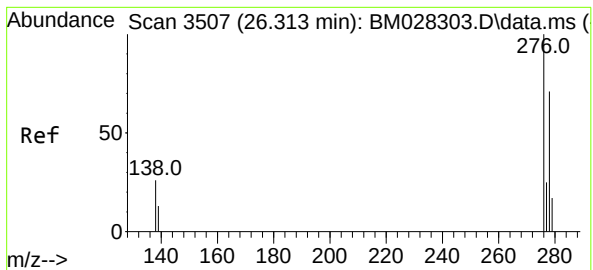
Tgt Ion:252	Resp:	212
Ion Ratio	Lower	Upper
252	100	
253	83.8	21.3 31.9#
125	80.3	8.3 12.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.323 min Scan# 3510
Delta R.T. -0.003 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Tgt Ion:278	Resp:	245
Ion Ratio	Lower	Upper
278	100	
139	53.0	9.3 13.9#
279	81.3	21.6 32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.049 min Scan# 3722
Delta R.T. 0.000 min
Lab File: BM028313.D
Acq: 31 Dec 2020 19:51

Instrument :
BNA_M
ClientSampleId :
PB133673BL

Tgt Ion:276 Resp: 296
Ion Ratio Lower Upper
276 100
277 54.3 19.8 29.8#
138 53.6 11.7 17.5#

