

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
 Data File : BM028312.D
 Acq On : 31 Dec 2020 19:15
 Operator : JU/CG
 Sample : PB133672BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB133672BL

Quant Time: Jan 01 00:00:26 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)

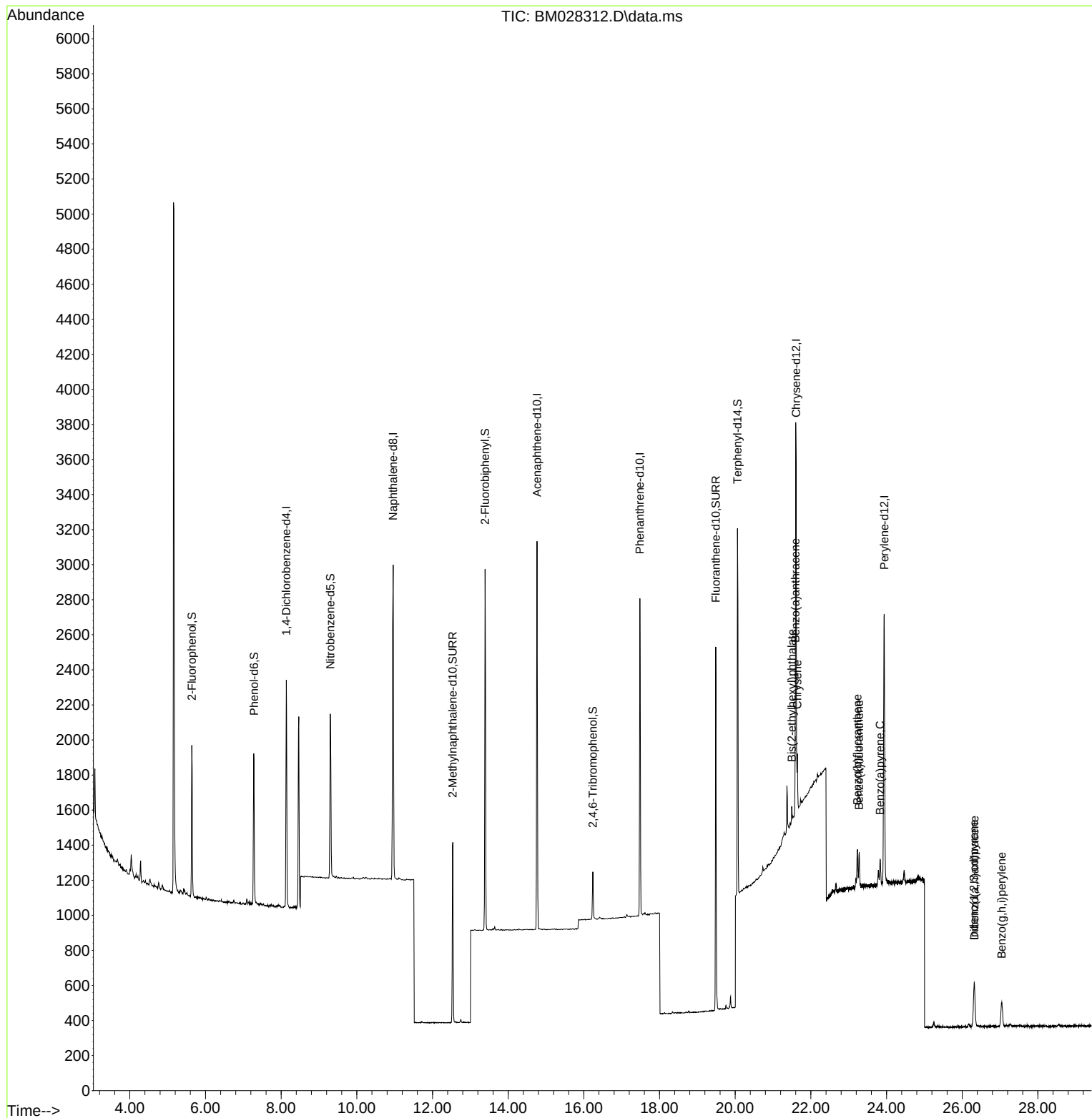
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.135	152	620	0.40	ng	0.00
7) Naphthalene-d8	10.959	136	2481	0.40	ng	0.00
13) Acenaphthene-d10	14.764	164	1242	0.40	ng	0.00
19) Phenanthrene-d10	17.481	188	2394	0.40	ng	# 0.00
27) Chrysene-d12	21.611	240	2272	0.40	ng	# 0.00
34) Perylene-d12	23.938	264	2211	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.638	112	633	0.30	ng	0.00
5) Phenol-d6	7.281	99	793	0.28	ng	0.00
8) Nitrobenzene-d5	9.299	82	734	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.535	152	1353	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.237	330	154	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.390	172	1735	0.34	ng	0.00
25) Fluoranthene-d10	19.486	212	2238	0.30	ng	0.00
29) Terphenyl-d14	20.061	244	2042	0.37	ng	-0.01
Target Compounds						
						Qvalue
30) Benzo(a)anthracene	21.590	228	224	0.03	ng	# 67
31) Chrysene	21.643	228	264	0.03	ng	# 70
32) Bis(2-ethylhexyl)phtha...	21.494	149	91	0.03	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.313	276	289	0.03	ng	# 89
35) Benzo(b)fluoranthene	23.229	252	272	0.03	ng	# 1
36) Benzo(k)fluoranthene	23.274	252	241	0.03	ng	# 1
37) Benzo(a)pyrene	23.832	252	222	0.03	ng	# 1
38) Dibenzo(a,h)anthracene	26.323	278	257	0.03	ng	# 1
39) Benzo(g,h,i)perylene	27.042	276	295	0.04	ng	# 27

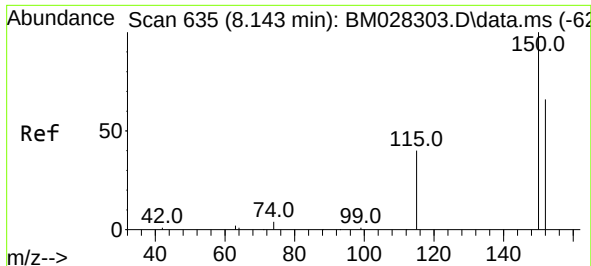
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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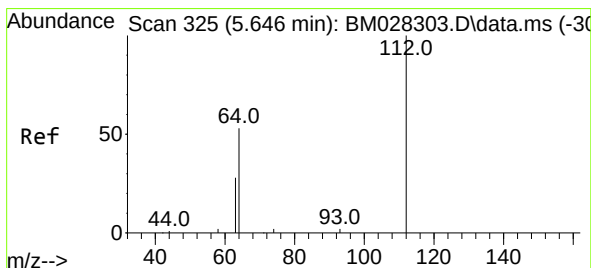
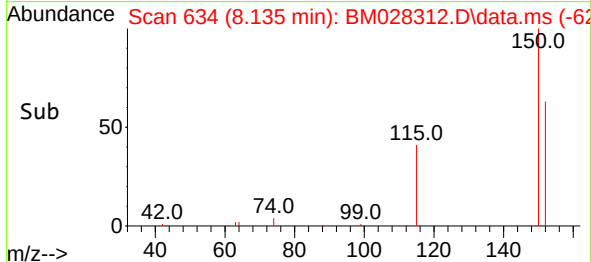
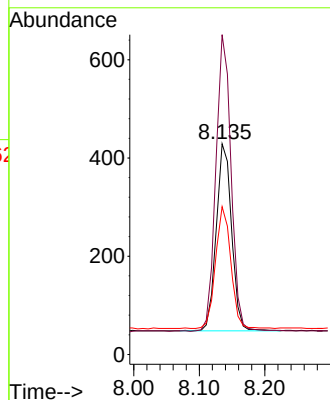
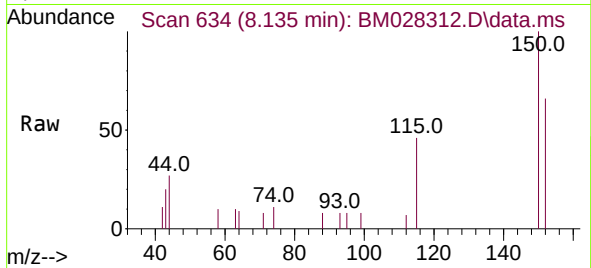




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.135 min Scan# 634
Delta R.T. -0.008 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

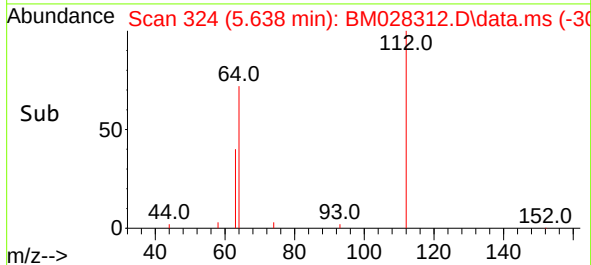
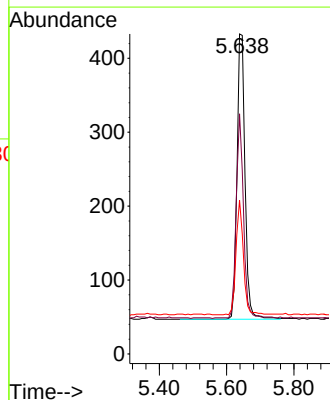
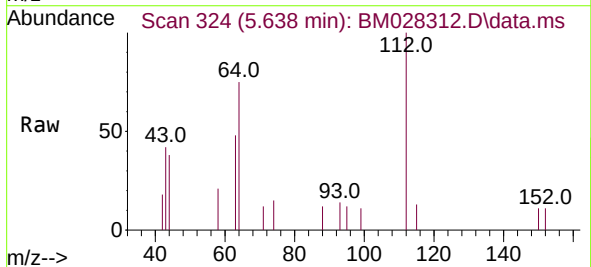
Instrument :
BNA_M
ClientSampleId :
PB133672BL

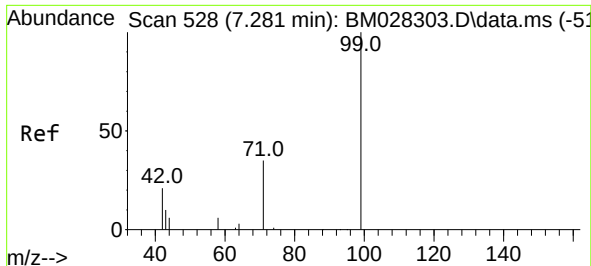
Tgt Ion:152 Resp: 620
Ion Ratio Lower Upper
152 100
150 151.7 116.6 174.8
115 70.2 52.9 79.3



#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.638 min Scan# 324
Delta R.T. -0.008 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:112 Resp: 633
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 37.0 32.0 48.0

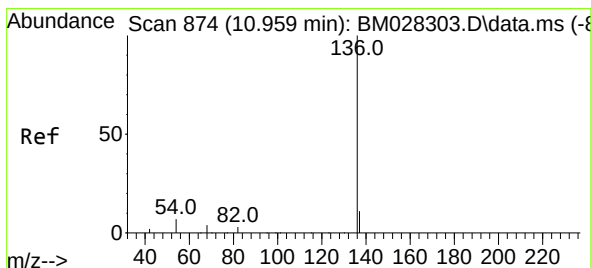
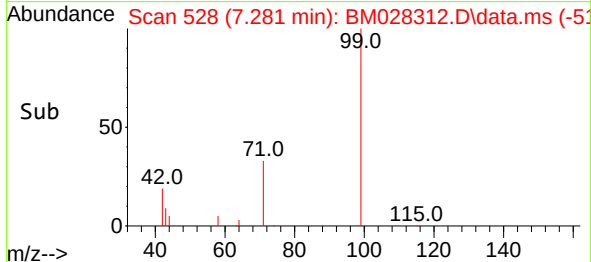
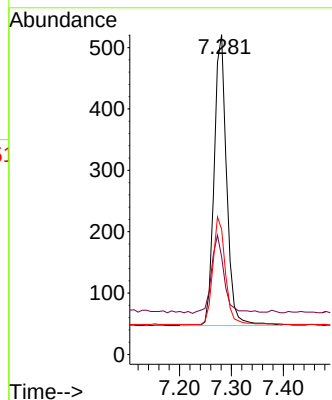
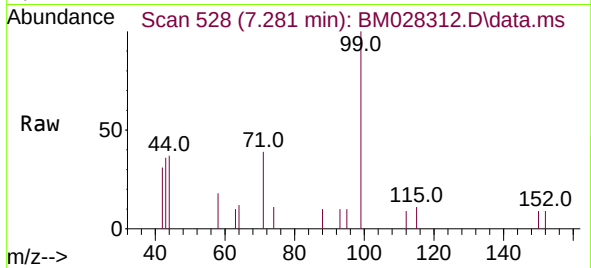




#5
Phenol-d6
Concen: 0.28 ng
RT: 7.281 min Scan# 528
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

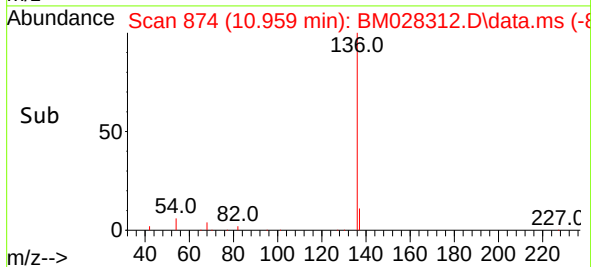
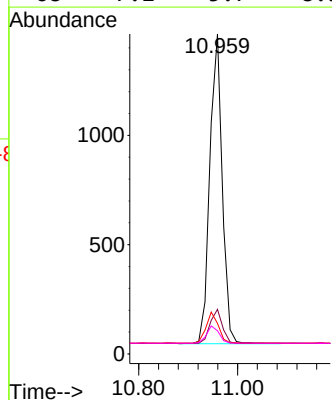
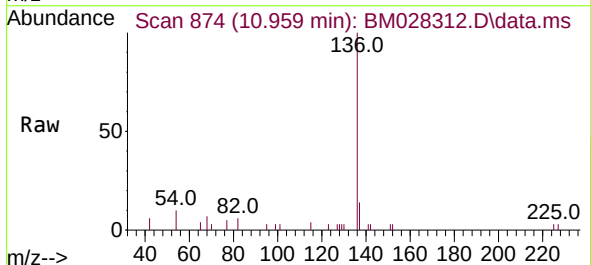
Instrument :
BNA_M
ClientSampleId :
PB133672BL

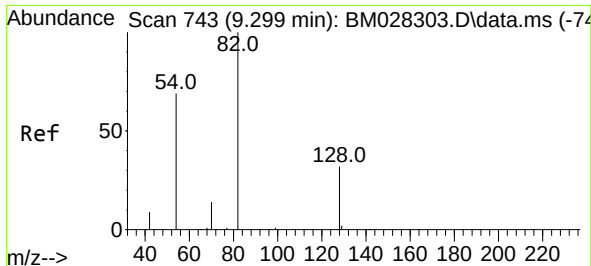
Tgt Ion:	99	Resp:	793
Ion	Ratio	Lower	Upper
99	100		
42	27.6	22.4	33.6
71	36.9	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.959 min Scan# 874
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:	136	Resp:	2481
Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.6	15.8
54	9.6	8.6	12.8
68	7.2	5.7	8.5

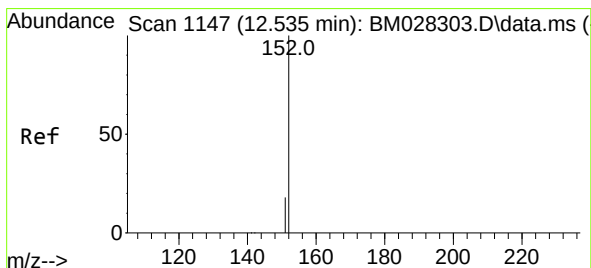
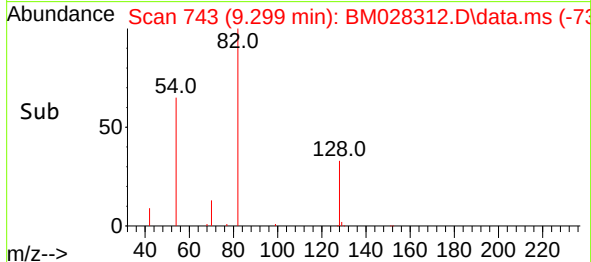
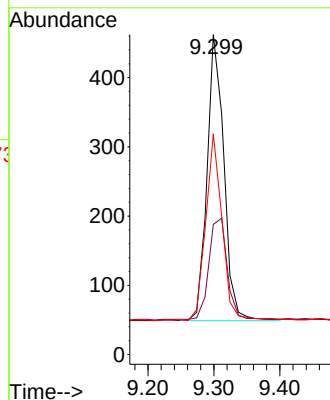
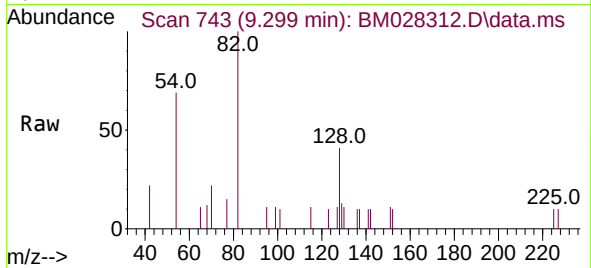




#8
Nitrobenzene-d5
Concen: 0.32 ng
RT: 9.299 min Scan# 743
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

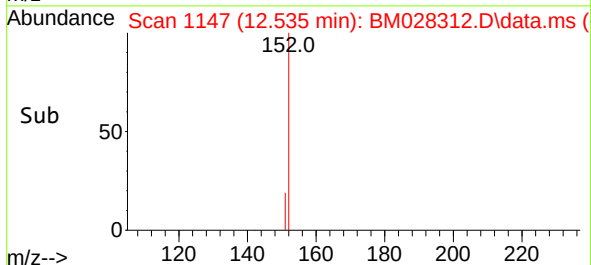
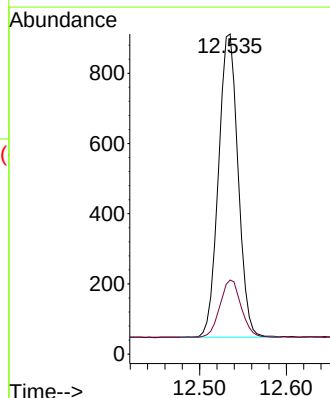
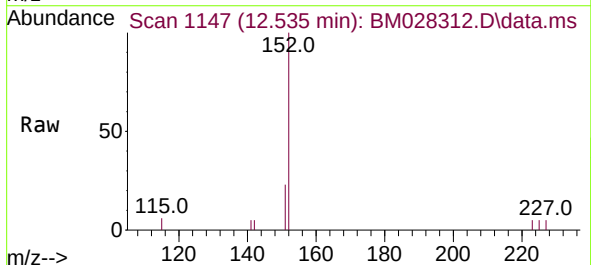
Instrument :
BNA_M
ClientSampleId :
PB133672BL

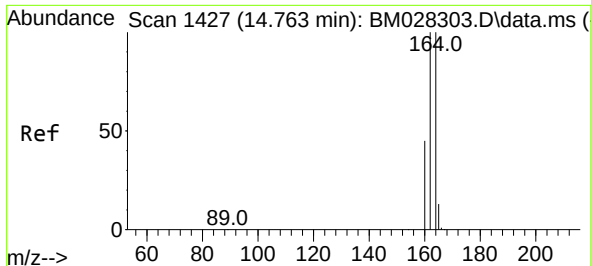
Tgt Ion:	82	Resp:	734
Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.6	46.0
54	69.0	48.3	72.5



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.535 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:	152	Resp:	1353
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

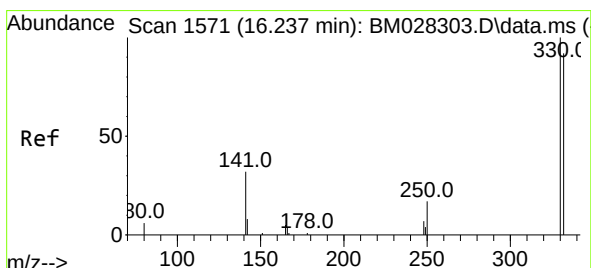
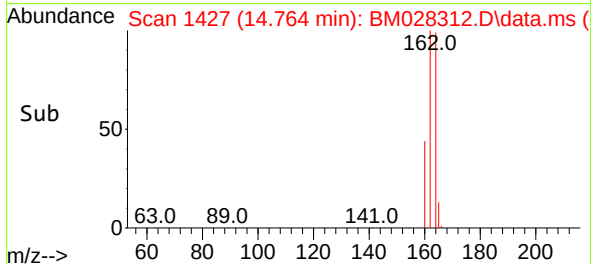
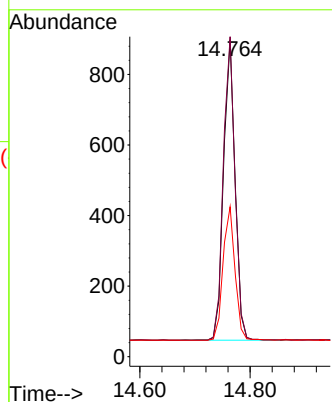
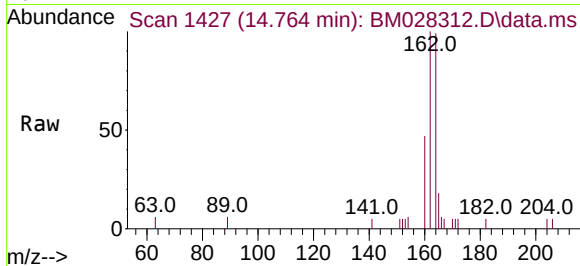




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.764 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

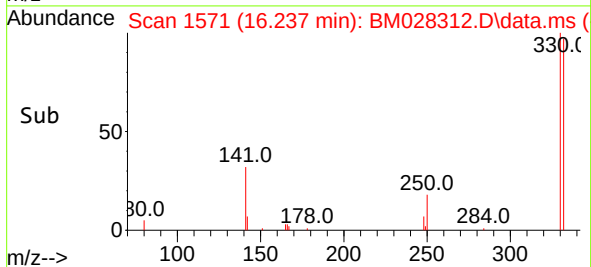
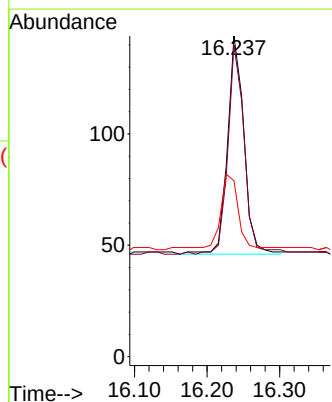
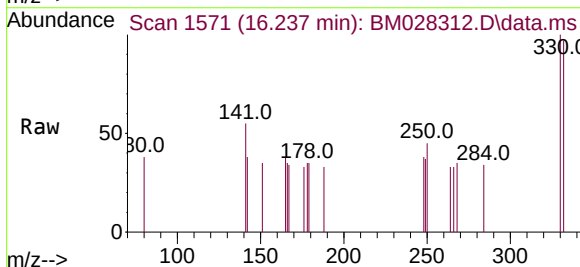
Instrument :
BNA_M
ClientSampleId :
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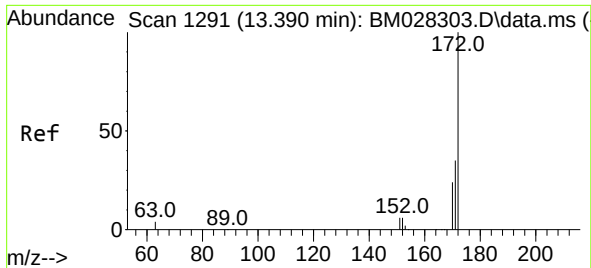
Tgt Ion:	164	Resp:	1242
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.6	120.8
160	47.3	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 16.237 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:	330	Resp:	154
Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	39.6	34.4	51.6

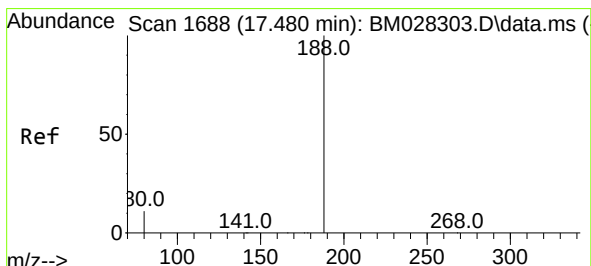
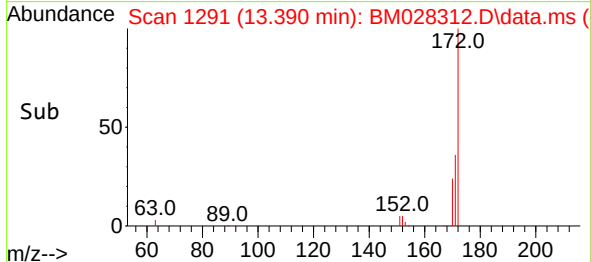
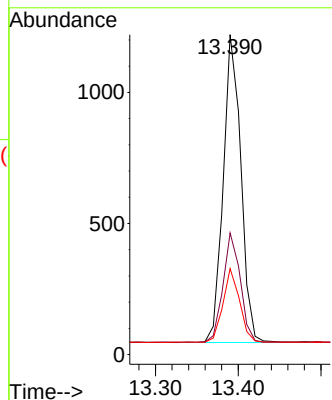
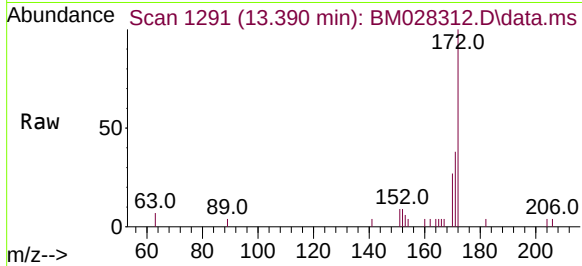




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.390 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

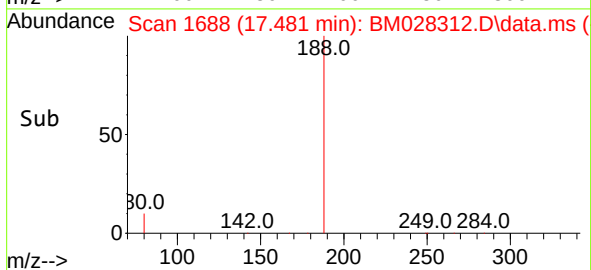
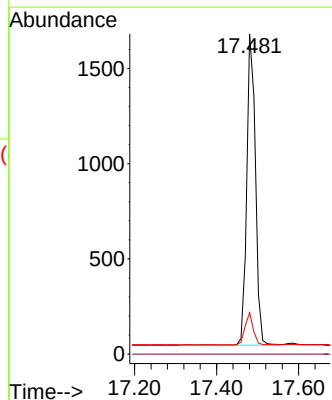
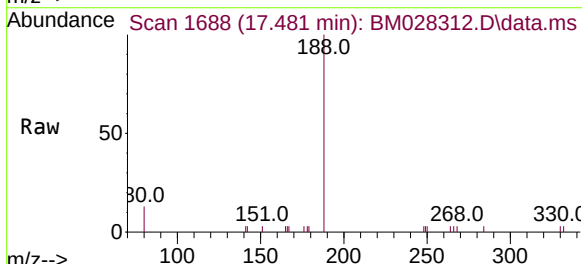
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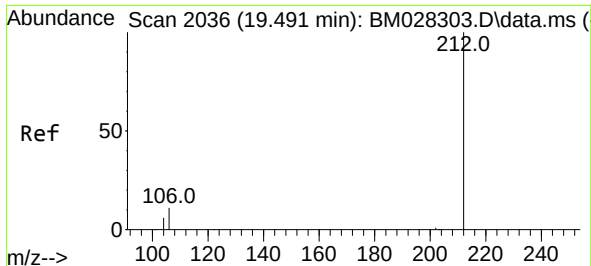
Tgt Ion:	172	Resp:	1735
Ion Ratio	Lower	Upper	
172	100		
171	38.0	28.2	42.4
170	26.9	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.481 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:	188	Resp:	2394
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	5.0	7.4#

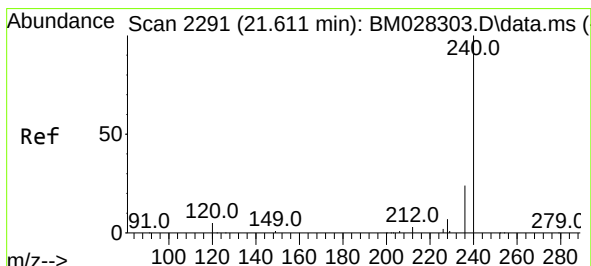
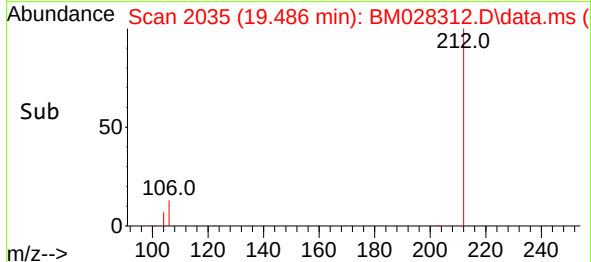
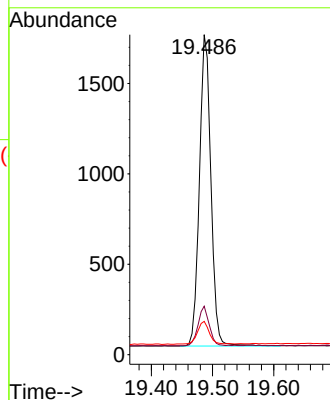
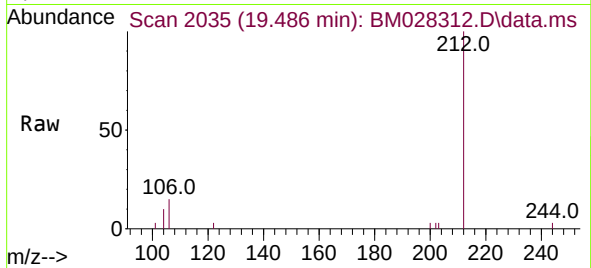




#25
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.486 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

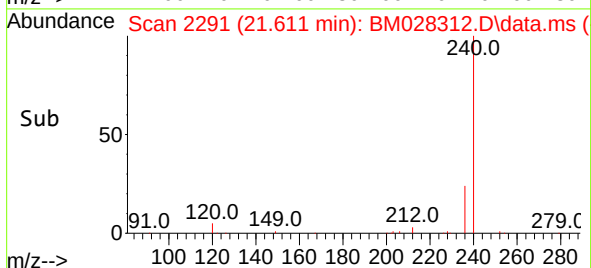
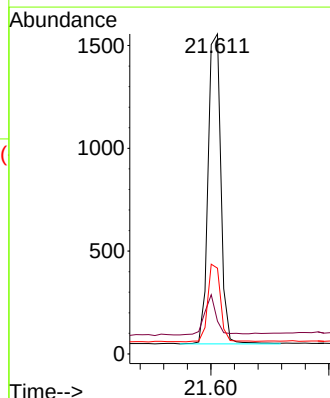
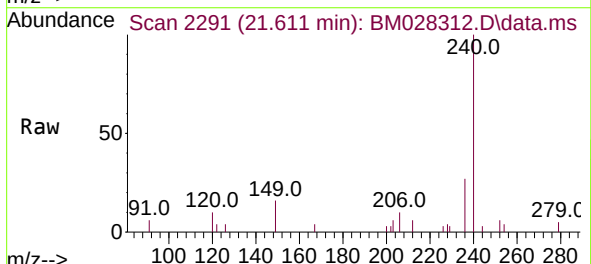
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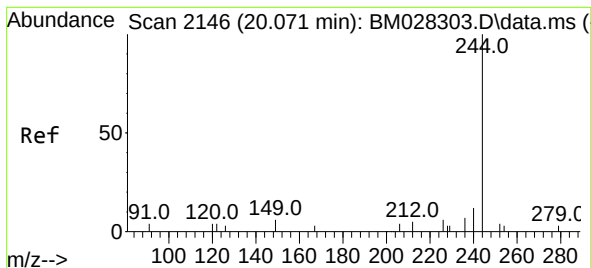
Tgt Ion:212 Resp: 2238
Ion Ratio Lower Upper
212 100
106 12.2 6.8 10.2#
104 7.5 4.1 6.1#



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.611 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:240 Resp: 2272
Ion Ratio Lower Upper
240 100
120 10.2 5.3 7.9#
236 26.8 21.8 32.8





#29

Terphenyl-d14

Concen: 0.37 ng

RT: 20.061 min Scan# 2145

Delta R.T. -0.011 min

Lab File: BM028312.D

Acq: 31 Dec 2020 19:15

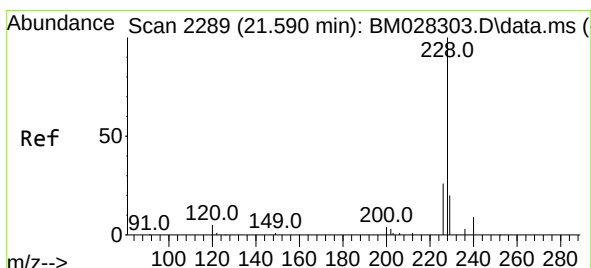
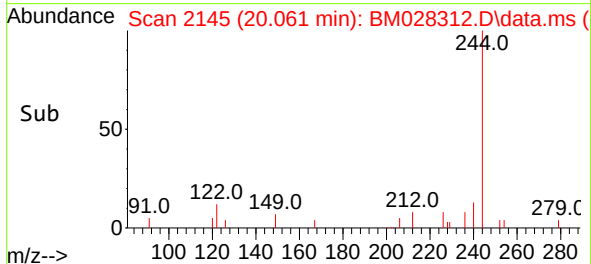
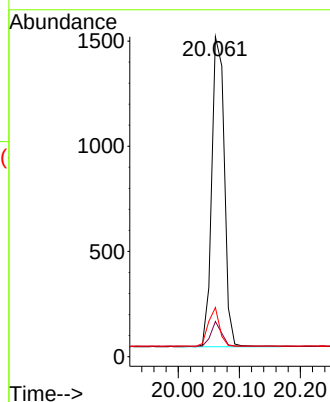
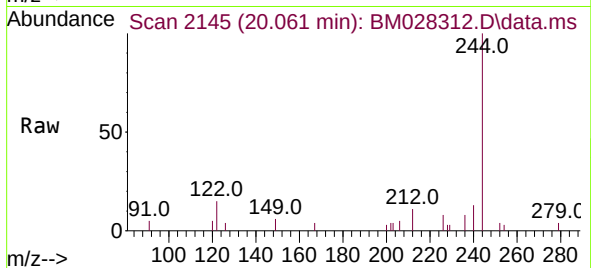
Tgt Ion:244 Resp: 2042

Ion Ratio Lower Upper

244 100

212 11.0 7.3 10.9#

122 15.3 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: BM028312.D

Acq: 31 Dec 2020 19:15

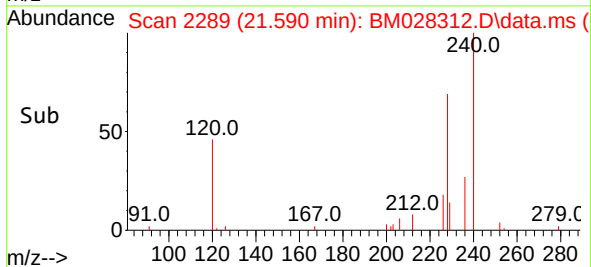
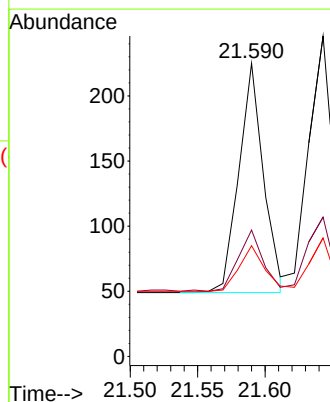
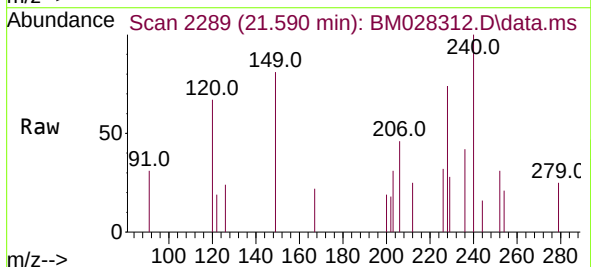
Tgt Ion:228 Resp: 224

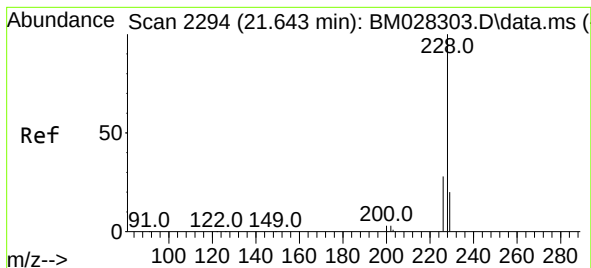
Ion Ratio Lower Upper

228 100

226 43.1 22.3 33.5#

229 37.8 15.7 23.5#





#31

Chrysene

Concen: 0.03 ng

RT: 21.643 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BM028312.D

Acq: 31 Dec 2020 19:15

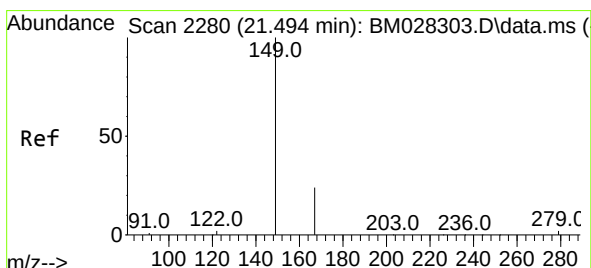
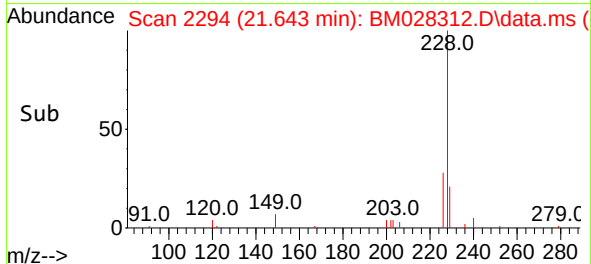
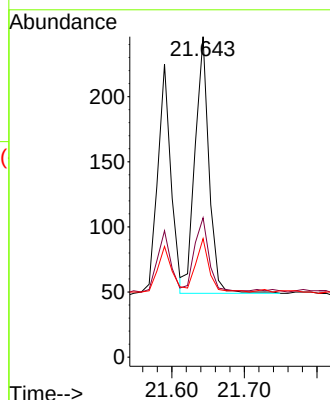
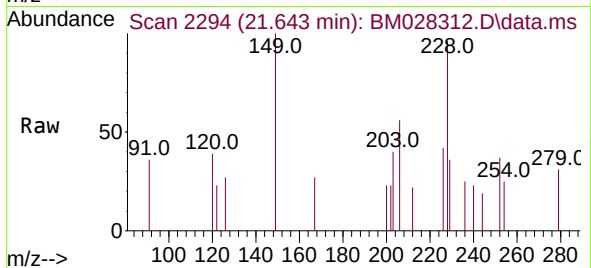
Tgt Ion:	228	Resp:	264
Ion Ratio	Lower	Upper	
228	100		
226	43.5	24.2	36.2#
229	37.0	15.7	23.5#

Instrument :

BNA_M

ClientSampleId :

PB133672BL



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

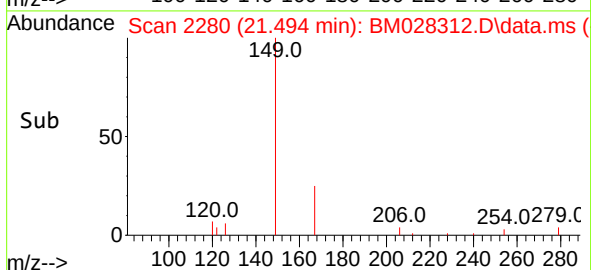
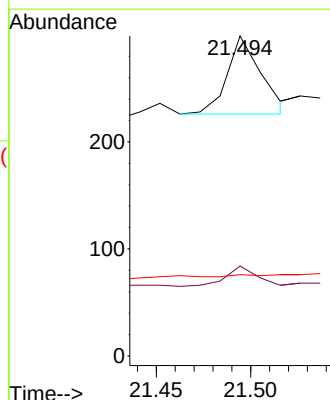
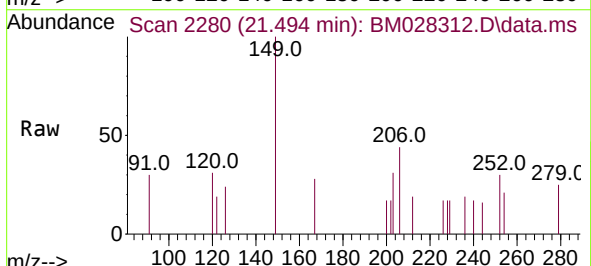
RT: 21.494 min Scan# 2280

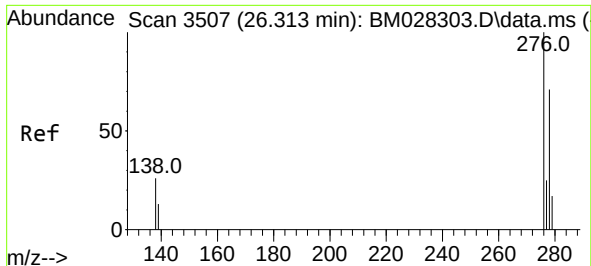
Delta R.T. 0.000 min

Lab File: BM028312.D

Acq: 31 Dec 2020 19:15

Tgt Ion:	149	Resp:	91
Ion Ratio	Lower	Upper	
149	100		
167	24.2	23.2	34.8
279	0.0	3.9	5.9#

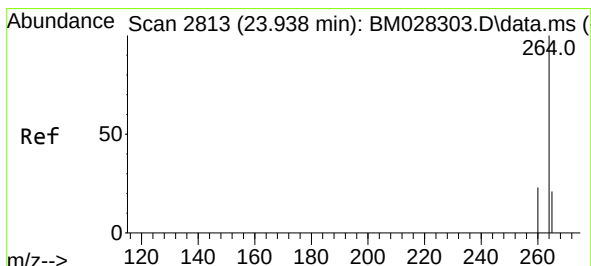
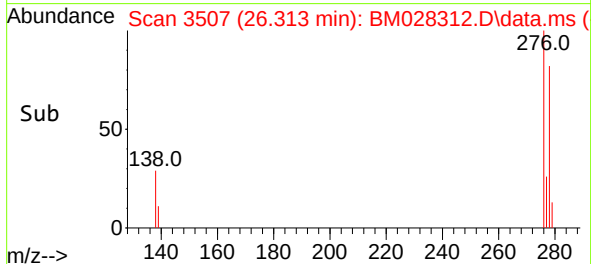
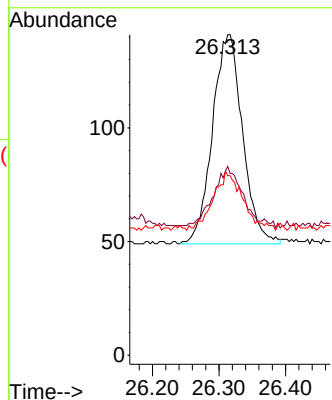
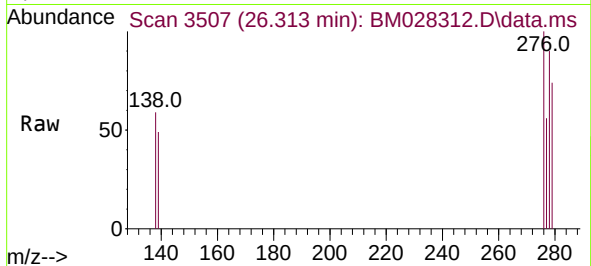




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.313 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

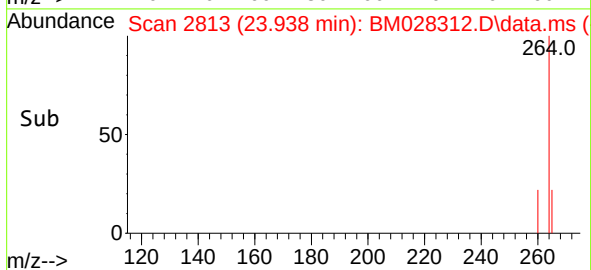
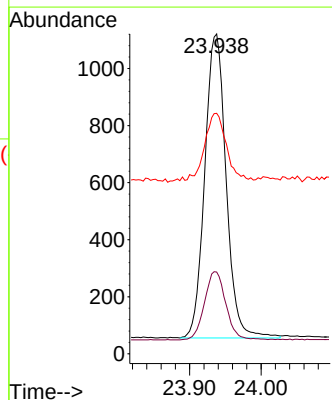
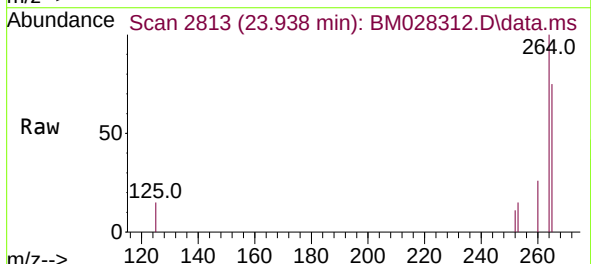
Instrument :
BNA_M
ClientSampleId :
PB133672BL

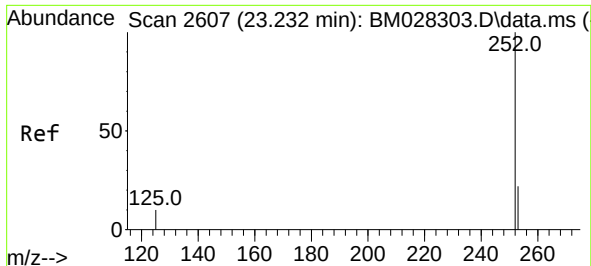
Tgt Ion:276 Resp: 289
Ion Ratio Lower Upper
276 100
138 26.0 13.3 19.9#
277 27.3 20.2 30.4



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.938 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:264 Resp: 2211
Ion Ratio Lower Upper
264 100
260 25.6 19.8 29.6
265 75.2 51.4 77.0

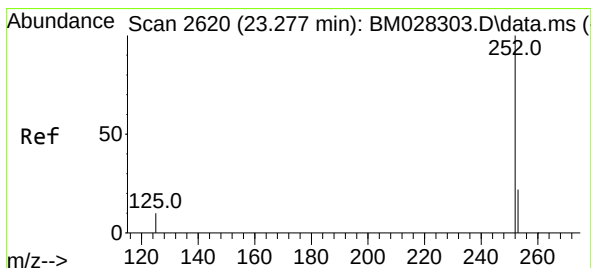
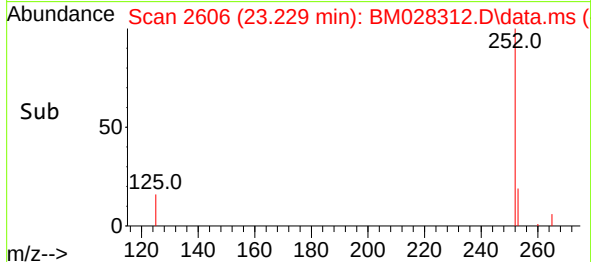
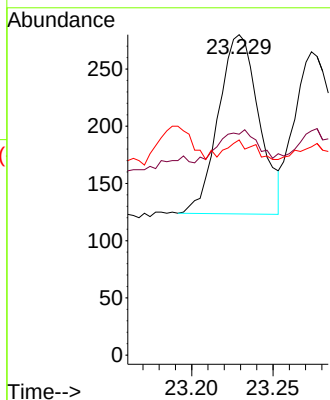
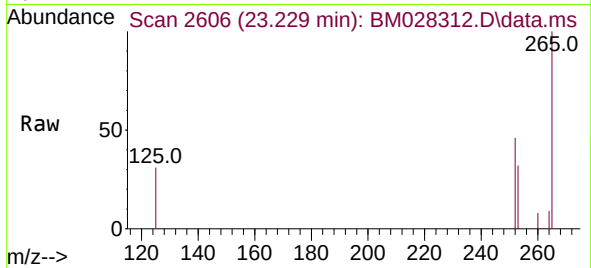




#35
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.229 min Scan# 2606
Delta R.T. -0.003 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

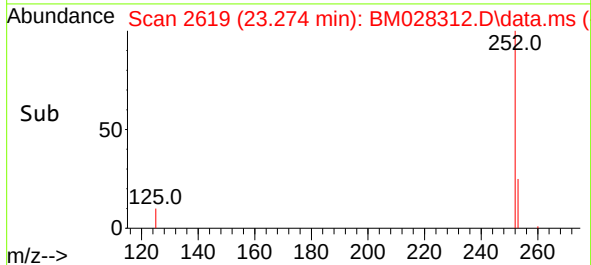
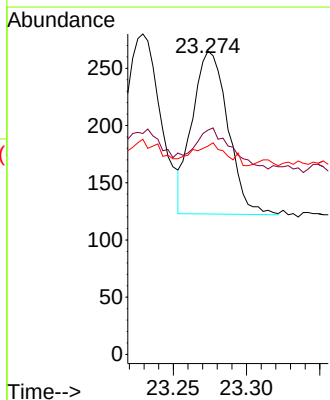
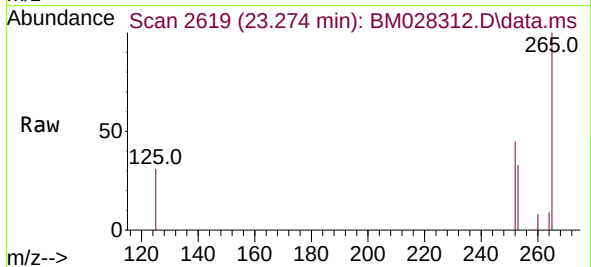
Instrument :
BNA_M
ClientSampleId :
PB133672BL

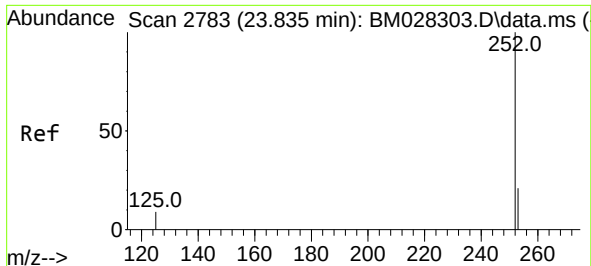
Tgt Ion:252 Resp: 272
Ion Ratio Lower Upper
252 100
253 68.9 20.1 30.1#
125 67.1 7.2 10.8#



#36
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.274 min Scan# 2619
Delta R.T. -0.003 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:252 Resp: 241
Ion Ratio Lower Upper
252 100
253 74.0 19.8 29.8#
125 68.7 7.1 10.7#

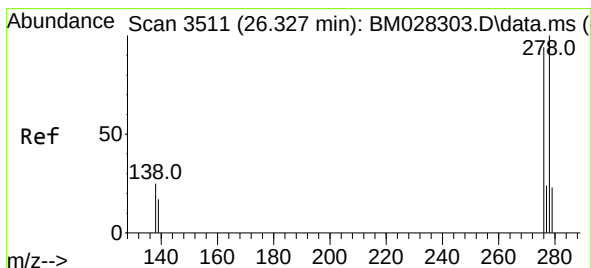
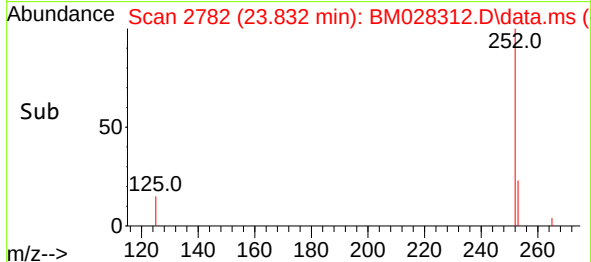
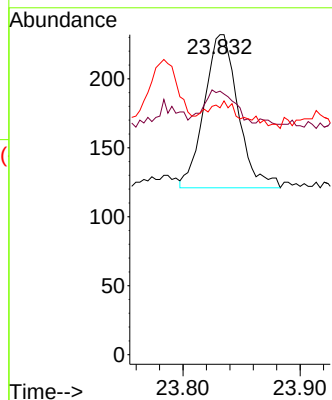
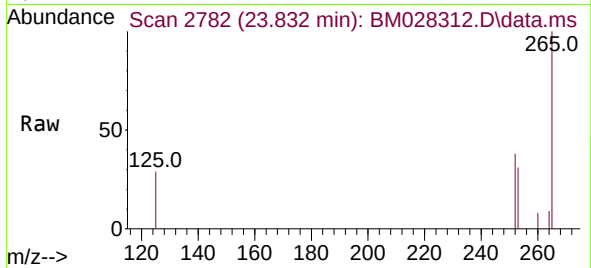




#37
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.832 min Scan# 2782
Delta R.T. -0.003 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

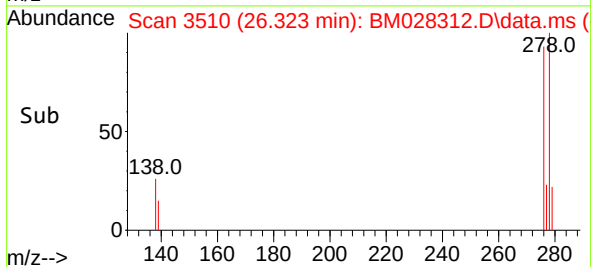
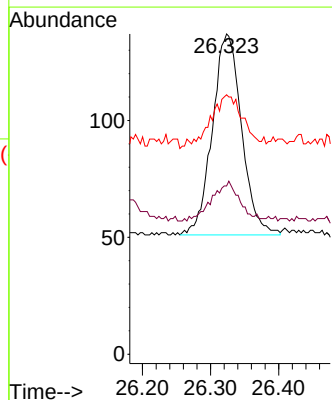
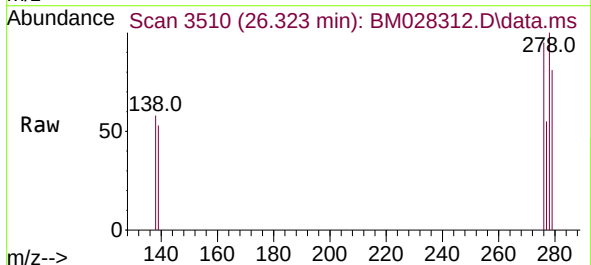
Instrument :
BNA_M
ClientSampleId :
PB133672BL

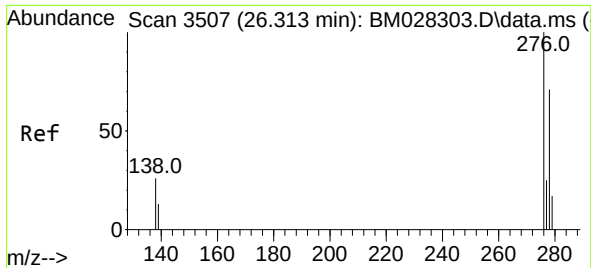
Tgt Ion:252 Resp: 222
Ion Ratio Lower Upper
252 100
253 82.3 21.3 31.9#
125 77.2 8.3 12.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.323 min Scan# 3510
Delta R.T. -0.003 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Tgt Ion:278 Resp: 257
Ion Ratio Lower Upper
278 100
139 52.6 9.3 13.9#
279 81.0 21.6 32.4#





#39
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 27.042 min Scan# 3720
Delta R.T. -0.007 min
Lab File: BM028312.D
Acq: 31 Dec 2020 19:15

Instrument :
BNA_M
ClientSampleId :
PB133672BL

Tgt Ion:276 Resp: 295
Ion Ratio Lower Upper
276 100
277 54.3 19.8 29.8#
138 55.0 11.7 17.5#

