

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
 Data File : BM028616.D
 Acq On : 29 Jan 2021 21:17
 Operator : CG/JU
 Sample : M1271-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035

Quant Time: Jan 29 23:50:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

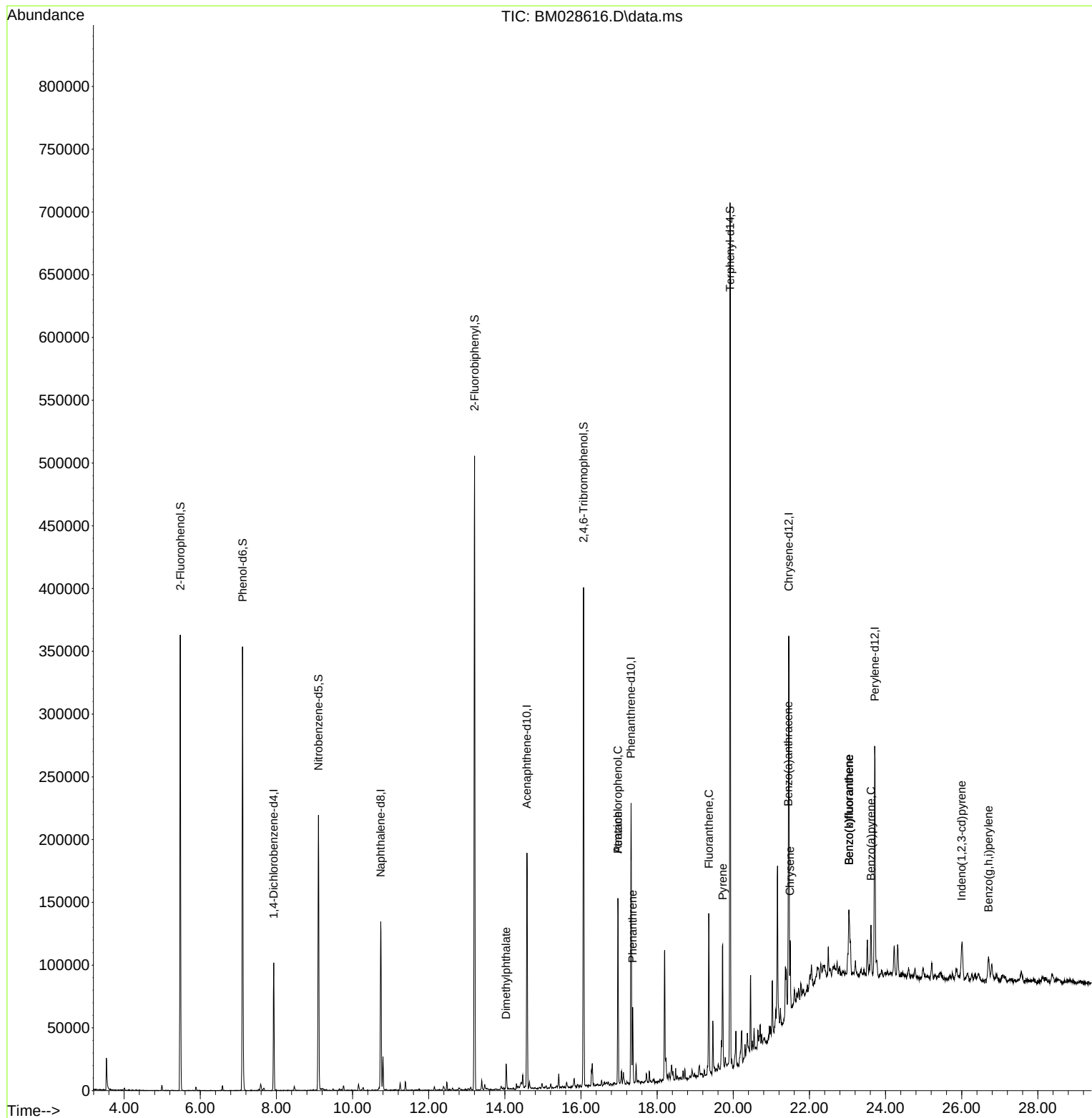
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	27679	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	109923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	62201	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	123468	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	115678	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	117166	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	144567	82.51	ng	0.00
7) Phenol-d6	7.110	99	187515	78.60	ng	-0.01
23) Nitrobenzene-d5	9.104	82	114119	49.24	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	68176	82.72	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	248446	50.11	ng	0.00
79) Terphenyl-d14	19.915	244	283220	44.21	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.033	163	11736	2.30	ng	99
69) Atrazine	16.968	200	4446	3.63	ng	# 36
70) Pentachlorophenol	16.968	266	23974	25.89	ng	98
71) Phenanthrene	17.357	178	33583	4.42	ng	98
75) Fluoranthene	19.356	202	64874	7.61	ng	96
78) Pyrene	19.721	202	58449	7.05	ng	99
81) Benzo(a)anthracene	21.445	228	29680	3.72	ng	96
83) Chrysene	21.492	228	28584	3.71	ng	96
87) Indeno(1,2,3-cd)pyrene	25.997	276	19789	2.27	ng	# 91
88) Benzo(b)fluoranthene	23.039	252	39965	5.02	ng	# 93
89) Benzo(k)fluoranthene	23.039	252	39965	5.15	ng	# 93
90) Benzo(a)pyrene	23.615	252	27730	3.76	ng	# 92
92) Benzo(g,h,i)perylene	26.703	276	20296	2.86	ng	# 89

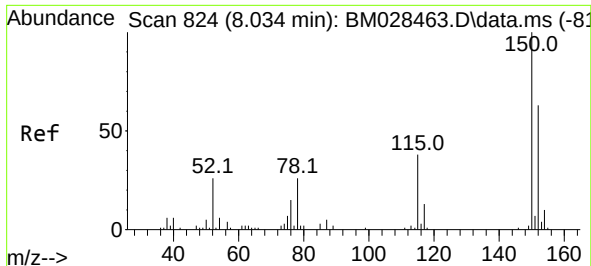
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028616.D
Acq On : 29 Jan 2021 21:17
Operator : CG/JU
Sample : M1271-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

Quant Time: Jan 29 23:50:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

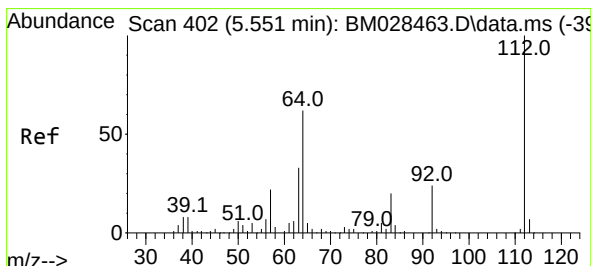
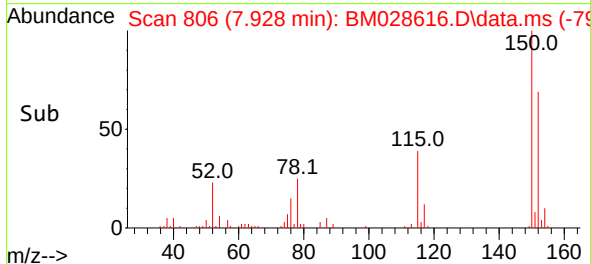
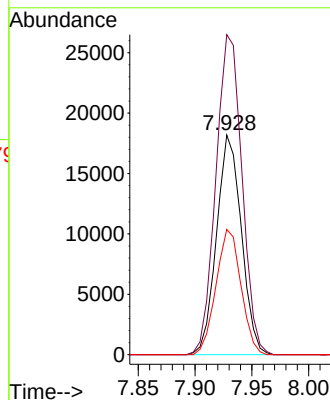
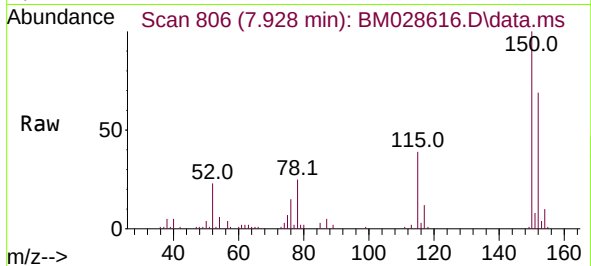




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

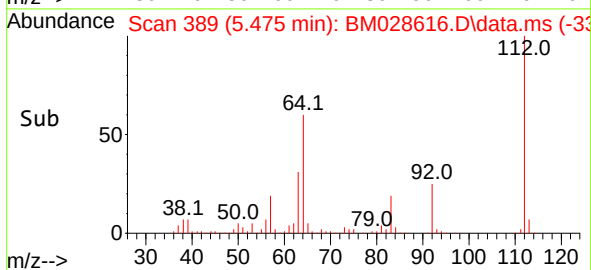
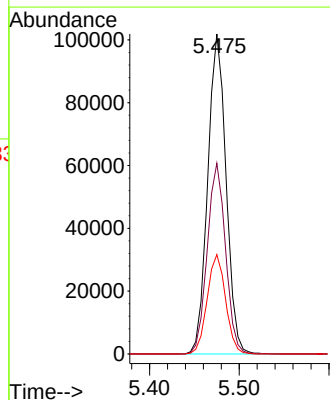
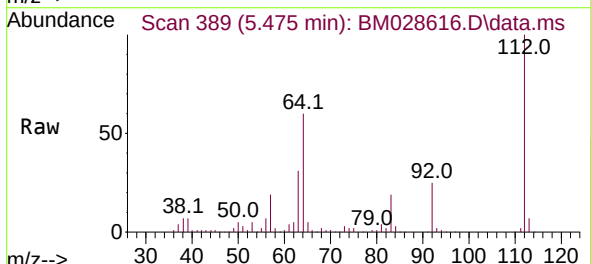
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

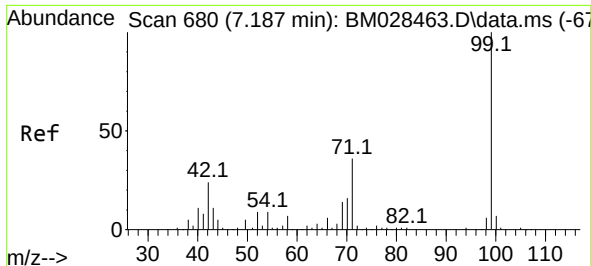
Tgt Ion:152 Resp: 27679
Ion Ratio Lower Upper
152 100
150 145.6 120.6 181.0
115 57.0 47.2 70.8



#5
2-Fluorophenol
Concen: 82.51 ng
RT: 5.475 min Scan# 389
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:112 Resp: 144567
Ion Ratio Lower Upper
112 100
64 59.6 50.6 76.0
63 31.0 31.0 46.6

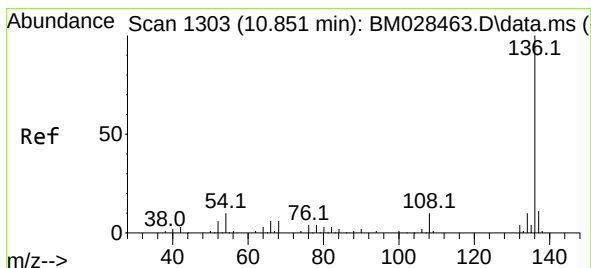
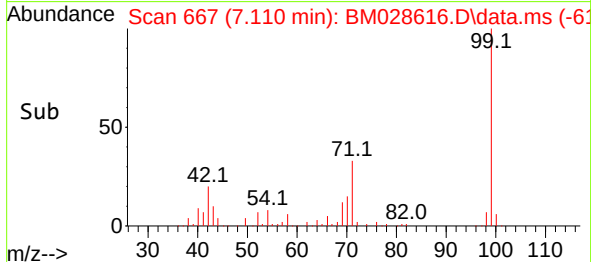
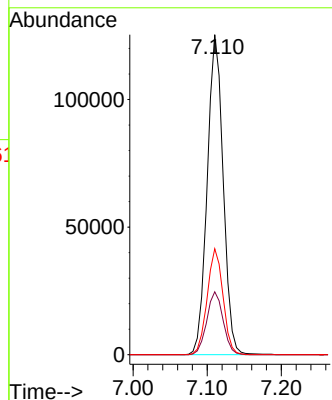
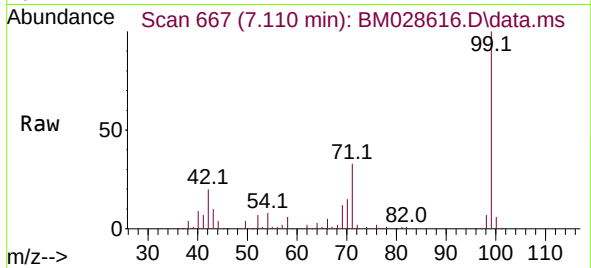




#7
Phenol-d6
Concen: 78.60 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

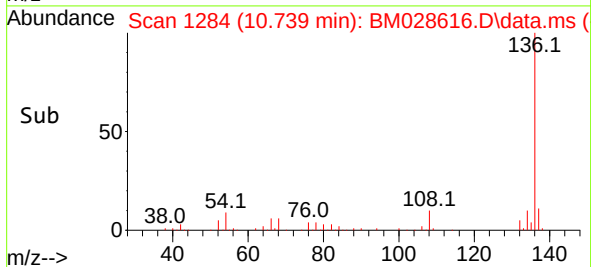
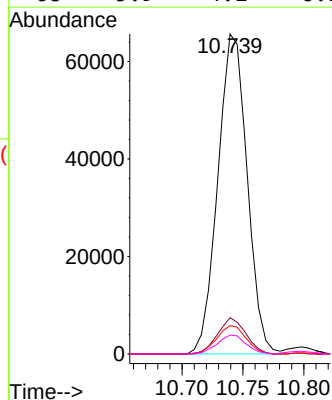
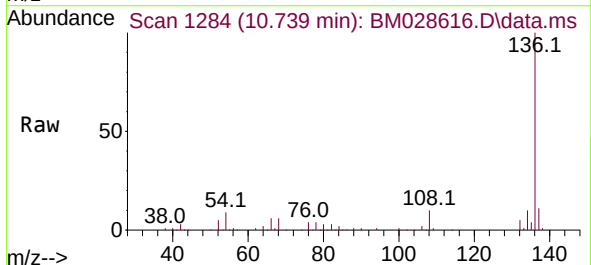
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

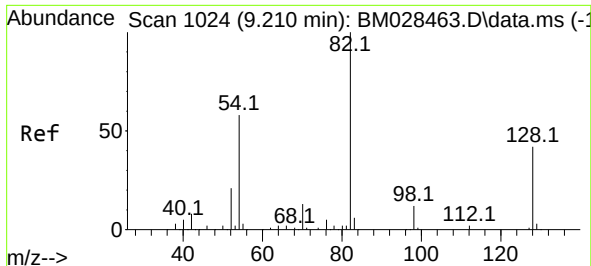
Tgt Ion: 99 Resp: 187515
Ion Ratio Lower Upper
99 100
42 19.6 13.5 20.3
71 33.1 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion: 136 Resp: 109923
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.9 4.6 7.0#
68 5.9 4.1 6.1

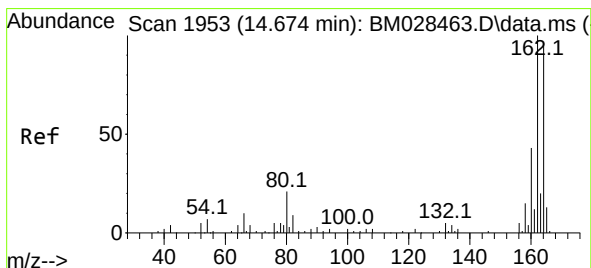
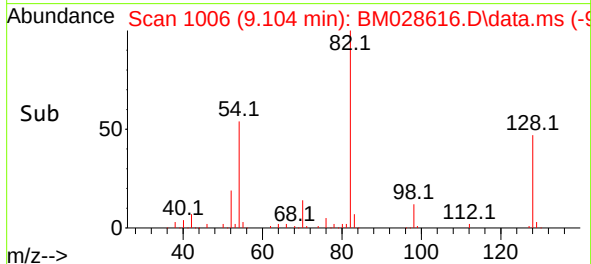
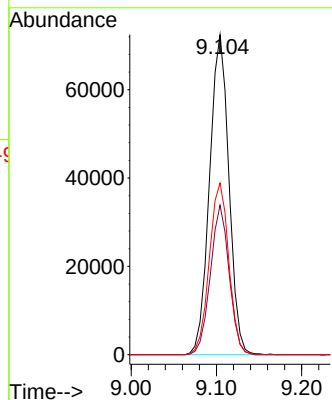
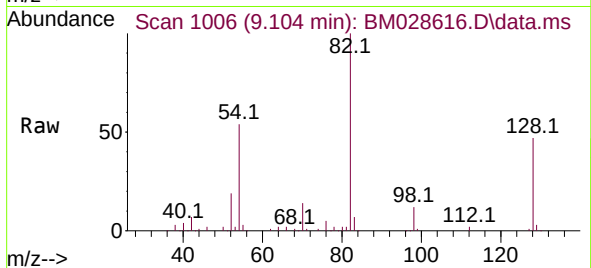




#23
Nitrobenzene-d5
Concen: 49.24 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

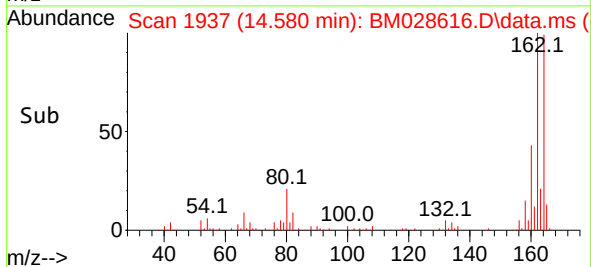
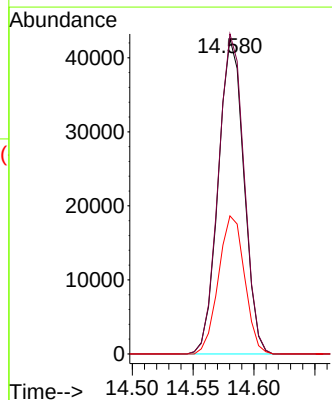
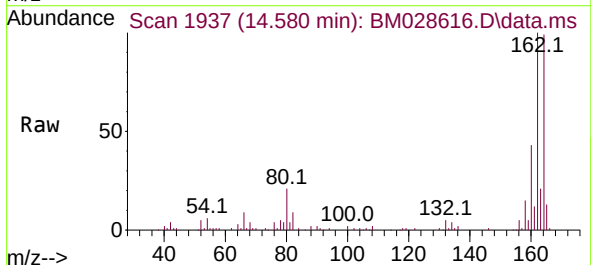
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

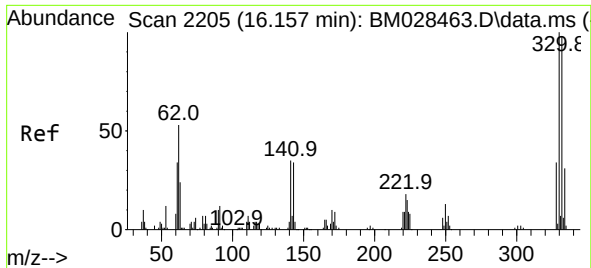
Tgt Ion: 82 Resp: 114119
Ion Ratio Lower Upper
82 100
128 46.7 27.4 41.0#
54 53.7 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion: 164 Resp: 62201
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 43.8 35.9 53.9

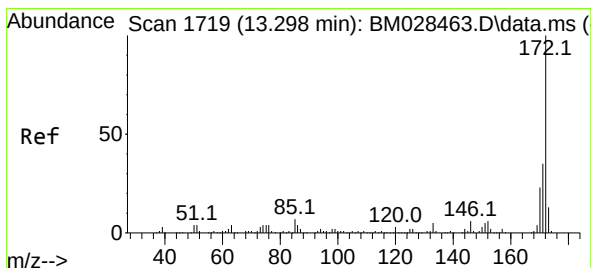
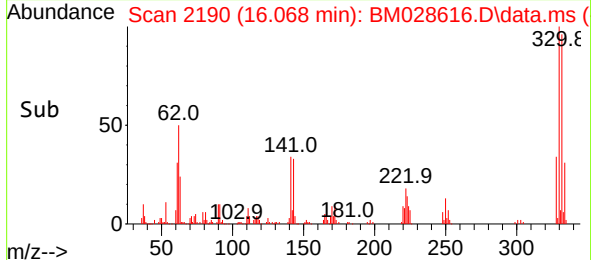
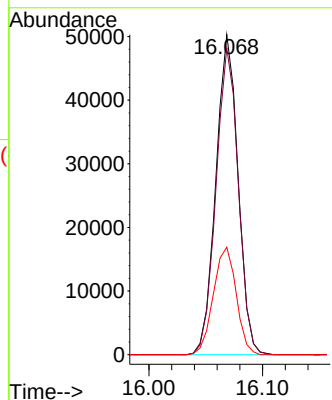
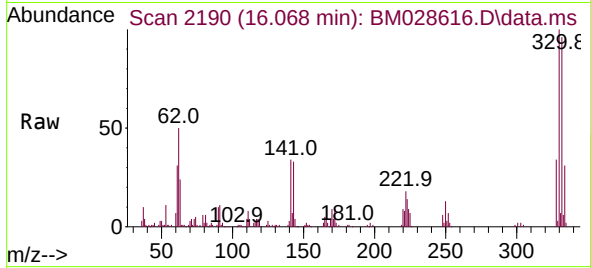




#42
2,4,6-Tribromophenol
Concen: 82.72 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

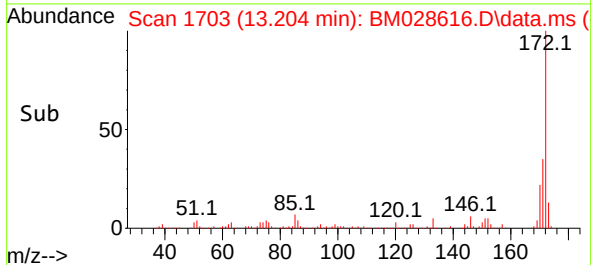
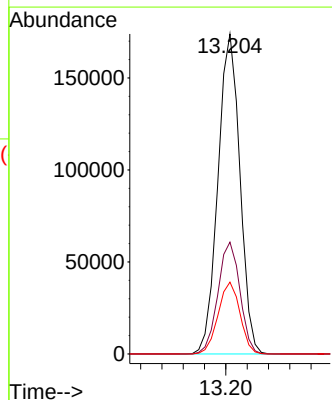
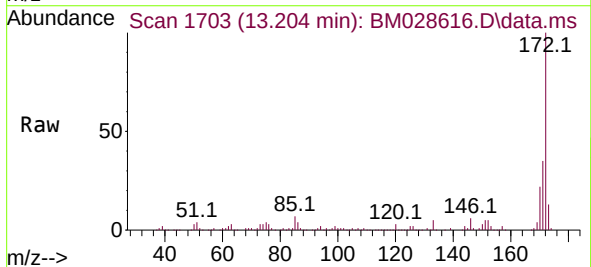
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

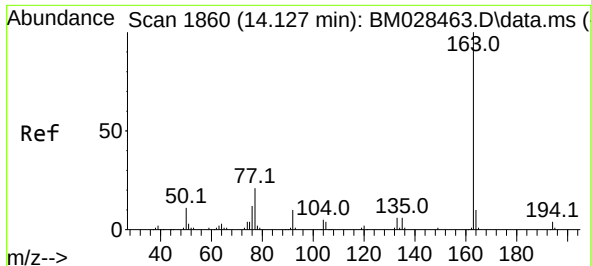
Tgt Ion:330 Resp: 68176
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 34.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 50.11 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:172 Resp: 248446
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.4 18.6 27.8

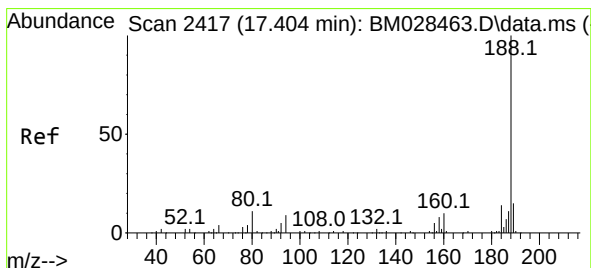
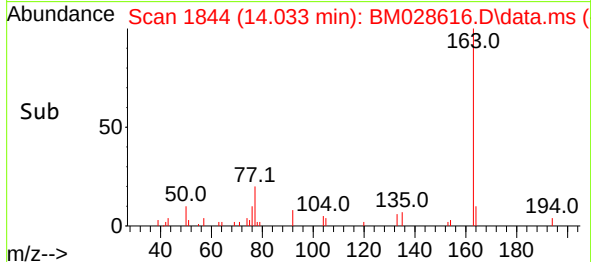
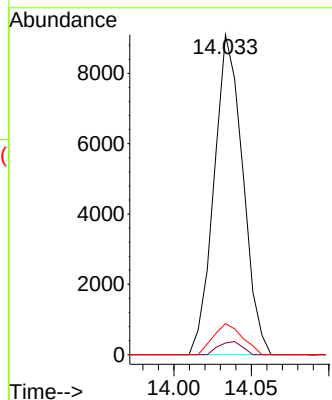
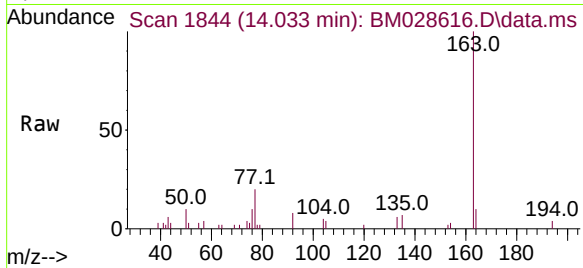




#50
Dimethylphthalate
Concen: 2.30 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

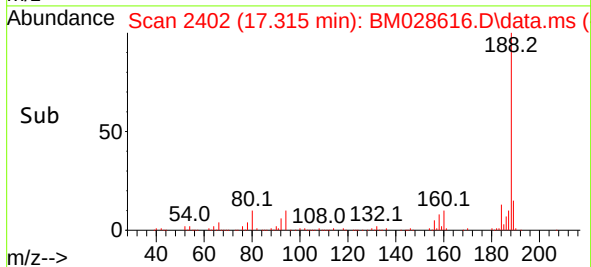
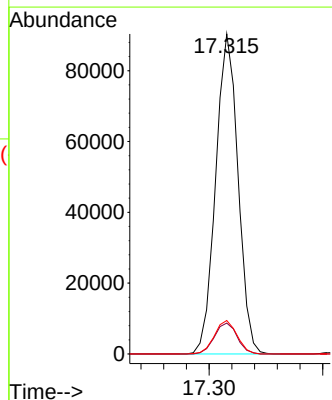
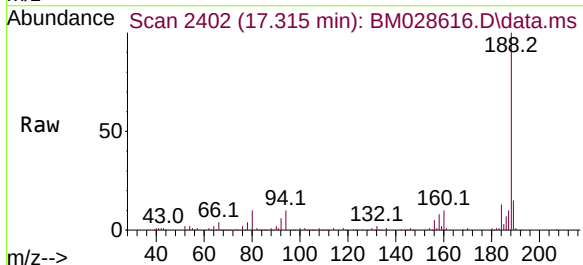
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

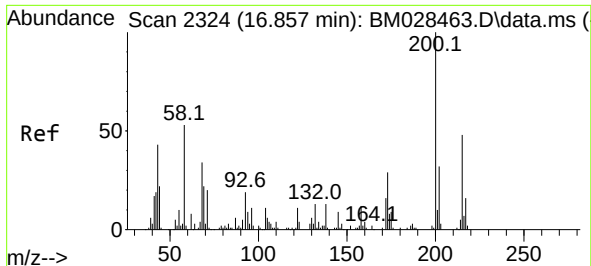
Tgt Ion:163 Resp: 11736
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.7 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:188 Resp: 123468
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 10.5 7.5 11.3

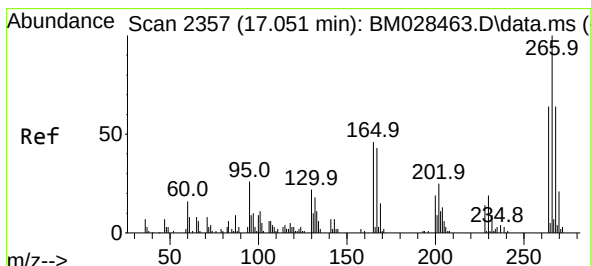
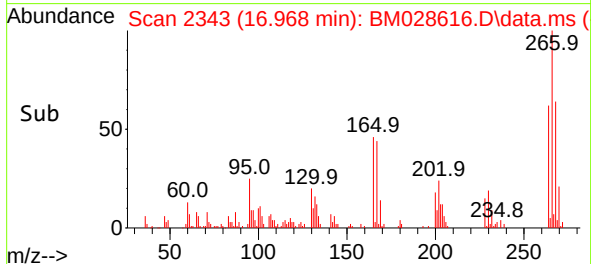
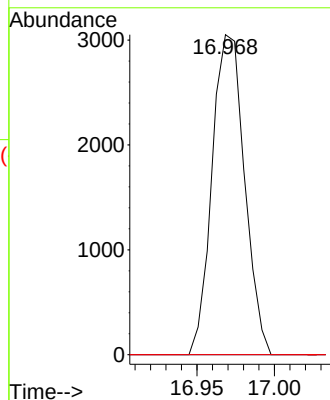
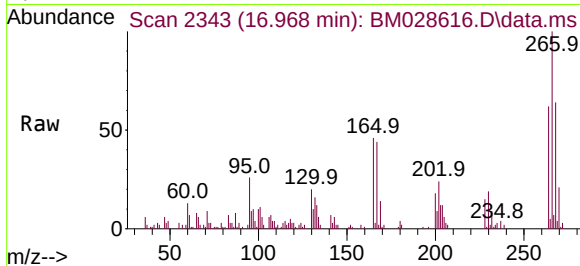




#69
Atrazine
Concen: 3.63 ng
RT: 16.968 min Scan# 2343
Delta R.T. 0.182 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

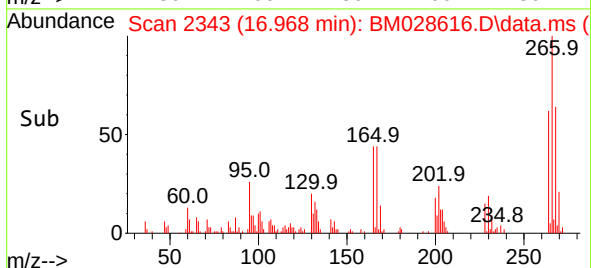
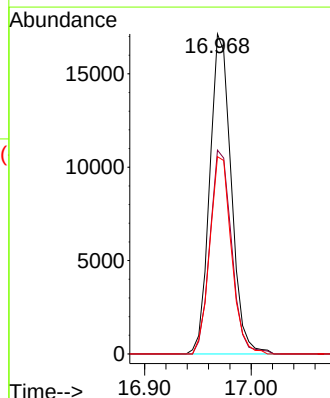
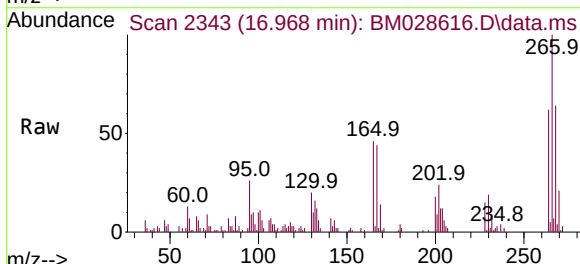
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

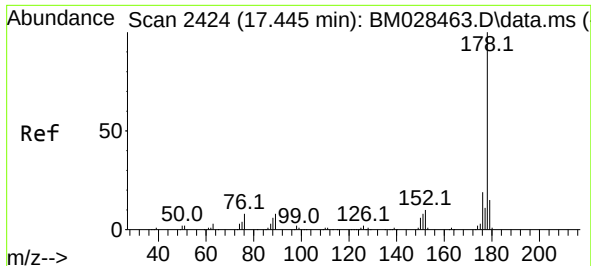
Tgt Ion:	200	Resp:	4446
Ion Ratio	Lower	Upper	
200	100		
173	0.0	4.9	44.9#
215	0.0	29.0	69.0#



#70
Pentachlorophenol
Concen: 25.89 ng
RT: 16.968 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:	266	Resp:	23974
Ion Ratio	Lower	Upper	
266	100		
268	63.7	49.9	74.9
264	61.6	50.6	76.0

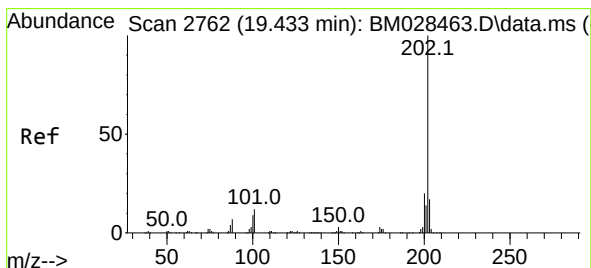
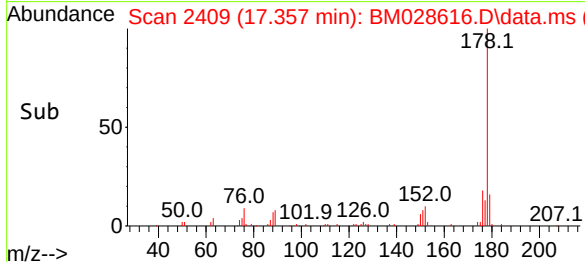
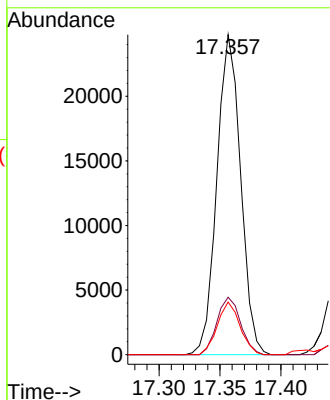
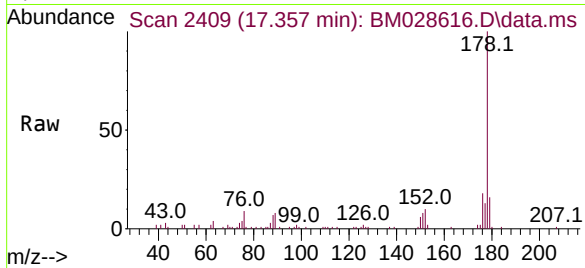




#71
Phenanthrene
Concen: 4.42 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

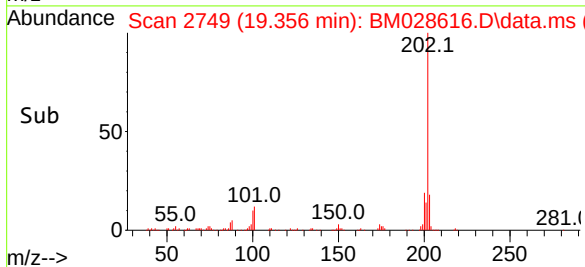
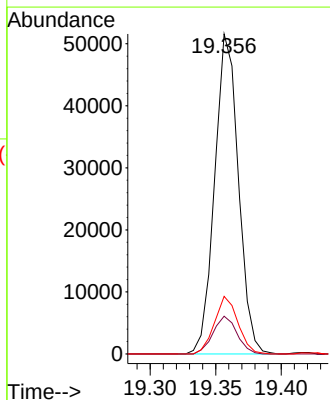
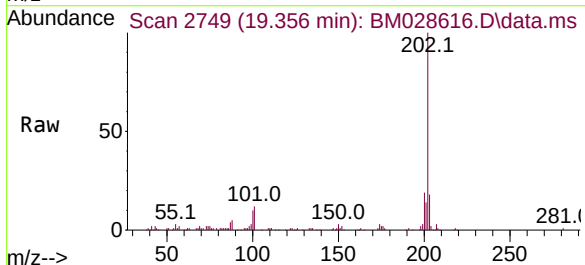
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

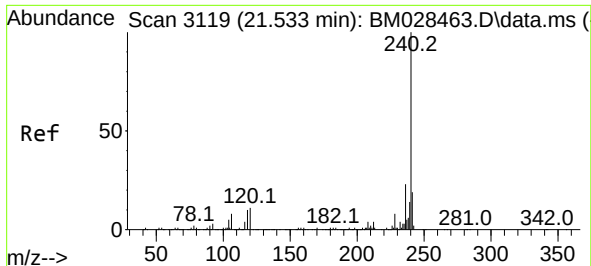
Tgt Ion:178 Resp: 33583
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 16.4 12.2 18.4



#75
Fluoranthene
Concen: 7.61 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:202 Resp: 64874
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.5
203 18.0 0.0 37.3

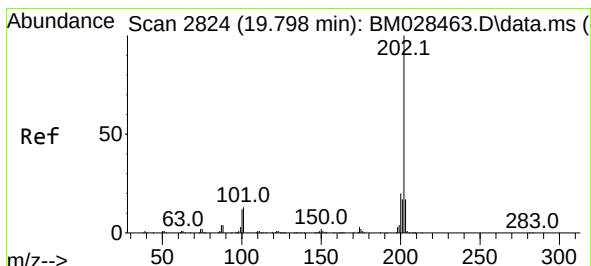
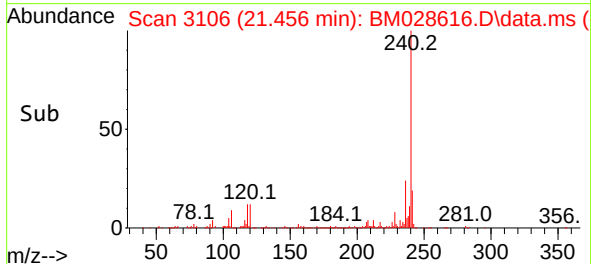
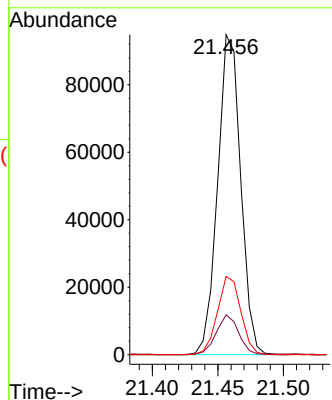
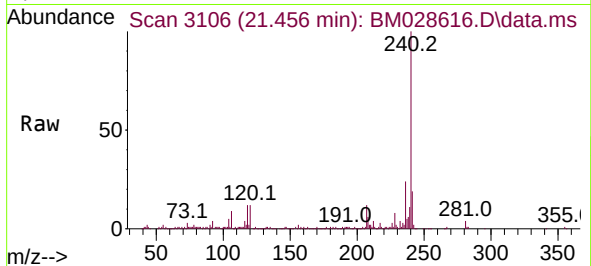




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

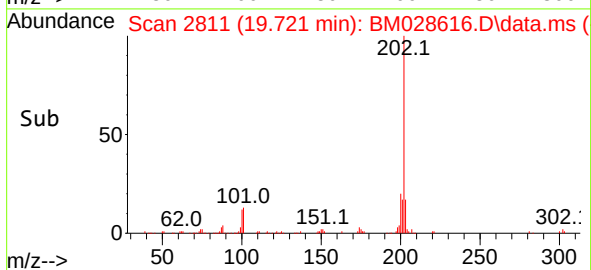
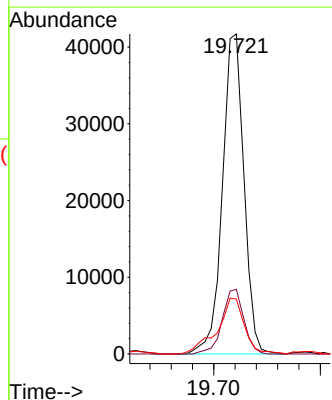
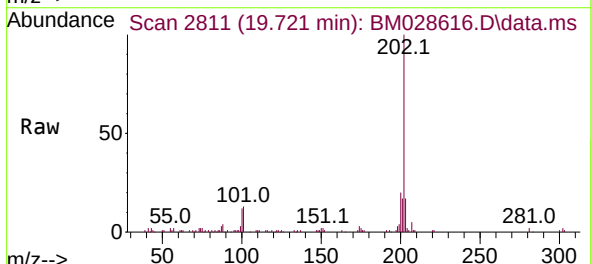
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

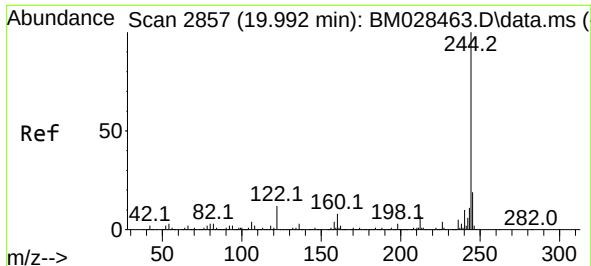
Tgt Ion:240 Resp: 115678
Ion Ratio Lower Upper
240 100
120 12.5 6.4 9.6#
236 24.5 20.1 30.1



#78
Pyrene
Concen: 7.05 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:202 Resp: 58449
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 17.1 13.8 20.6

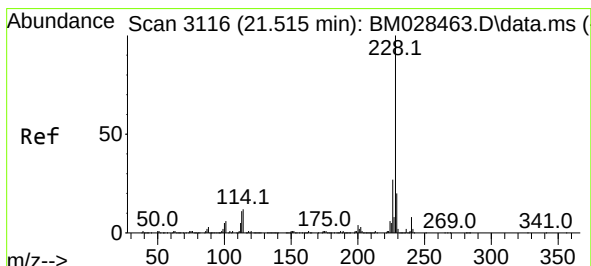
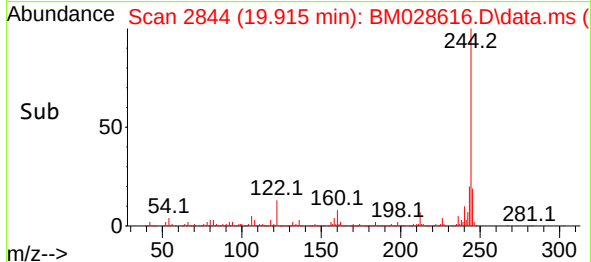
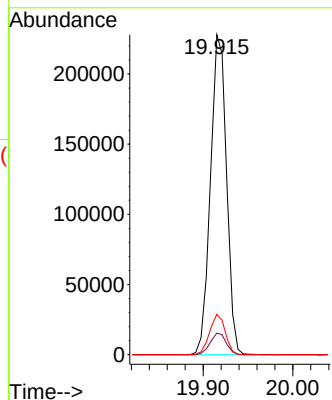
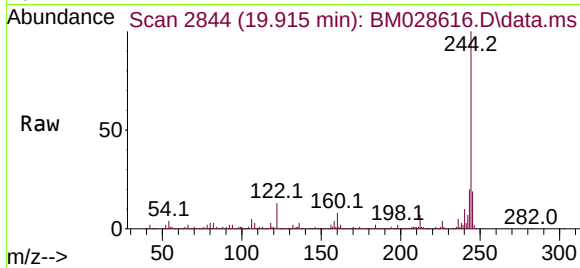




#79
 Terphenyl-d14
 Concen: 44.21 ng
 RT: 19.915 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17

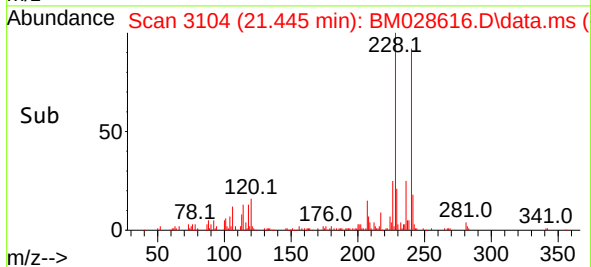
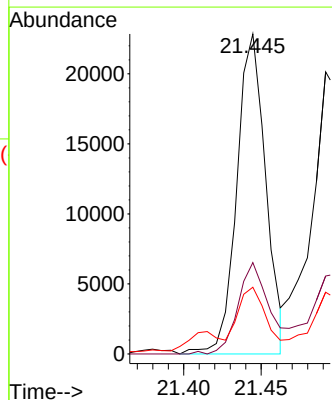
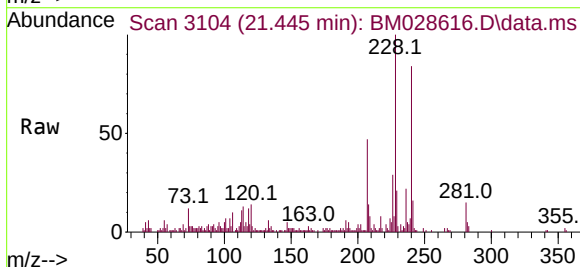
Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035

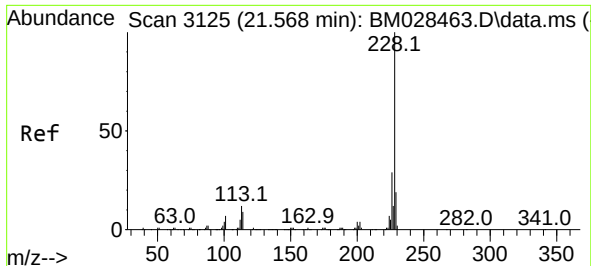
Tgt Ion:244 Resp: 283220
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.6 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 3.72 ng
 RT: 21.445 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17

Tgt Ion:228 Resp: 29680
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.1 31.7
 229 20.8 15.7 23.5

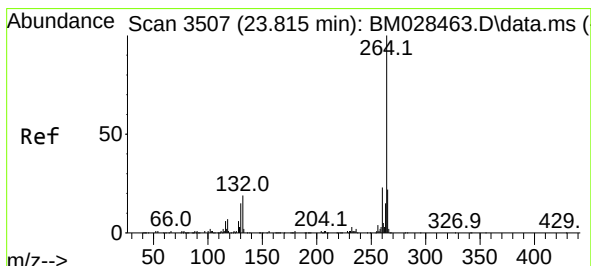
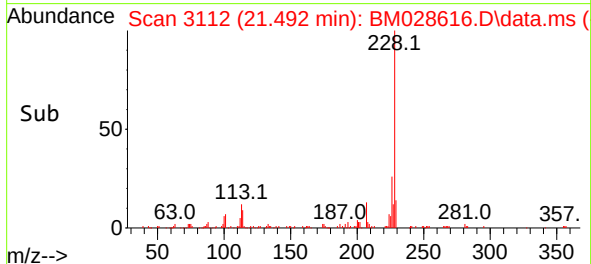
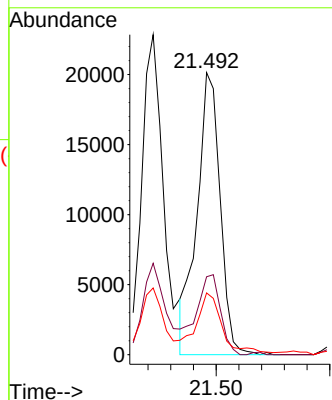
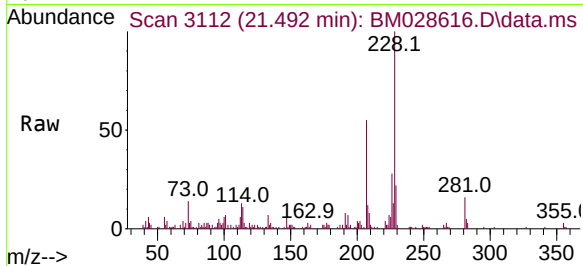




#83
Chrysene
Concen: 3.71 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

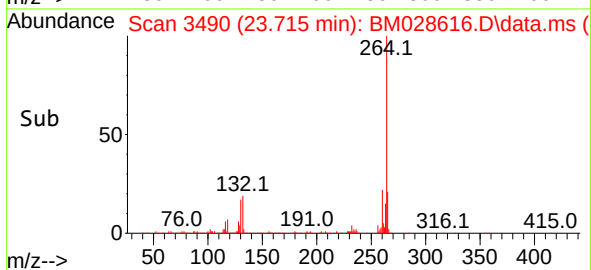
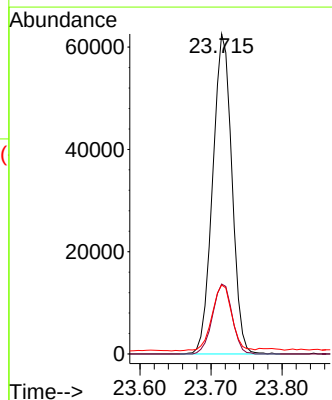
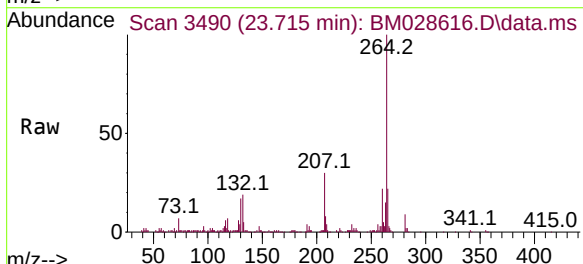
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

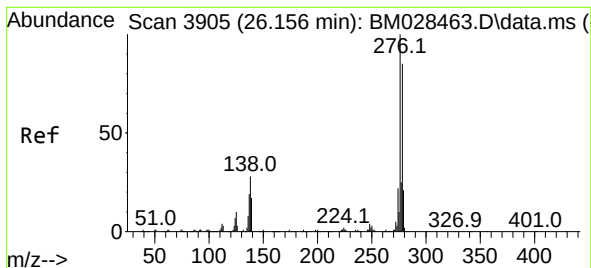
Tgt Ion:228	Resp:	28584
Ion Ratio	Lower	Upper
228	100	
226	27.6	23.4 35.0
229	21.9	15.7 23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.715 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:264	Resp:	117166
Ion Ratio	Lower	Upper
264	100	
260	21.9	19.0 28.4
265	21.6	17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.27 ng

RT: 25.997 min Scan# 3878

Delta R.T. -0.035 min

Lab File: BM028616.D

Acq: 29 Jan 2021 21:17

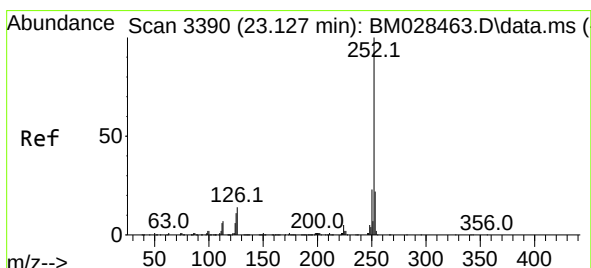
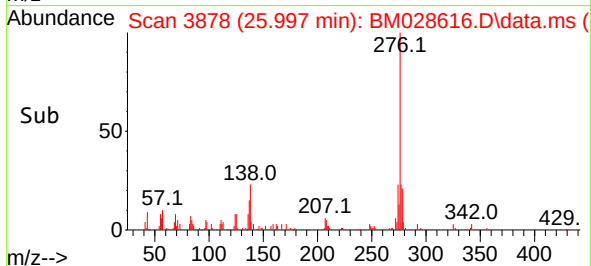
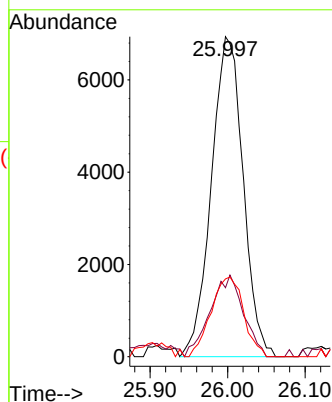
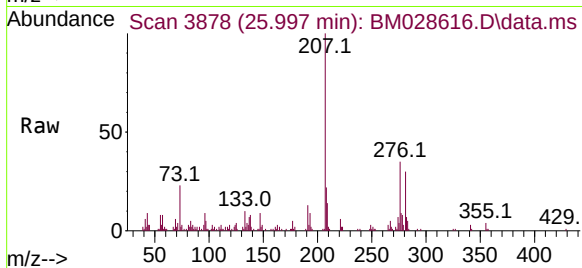
Tgt Ion:	276	Resp:	19789
Ion Ratio	Lower	Upper	
276	100		
138	26.8	14.2	21.4#
277	25.5	19.8	29.8

Instrument :

BNA_M

ClientSampleId :

RO-RBR-200035



#88

Benzo(b)fluoranthene

Concen: 5.02 ng

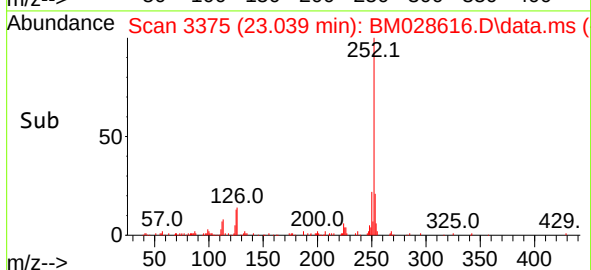
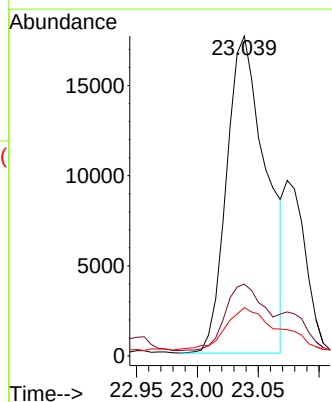
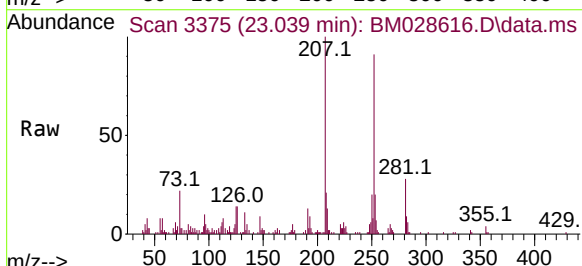
RT: 23.039 min Scan# 3375

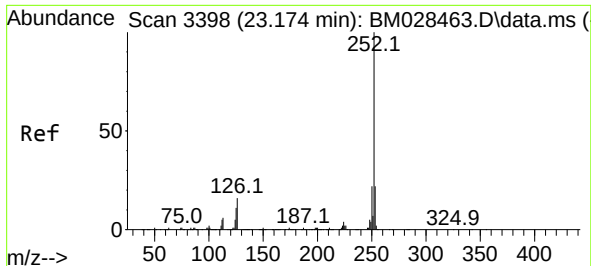
Delta R.T. -0.012 min

Lab File: BM028616.D

Acq: 29 Jan 2021 21:17

Tgt Ion:	252	Resp:	39965
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	15.1	5.7	8.5#

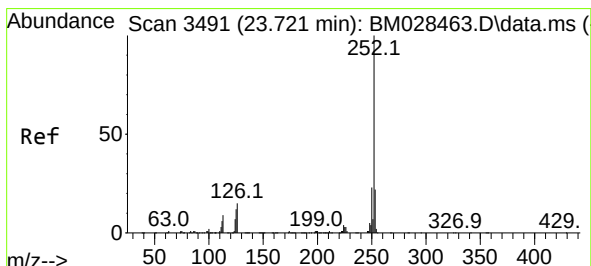
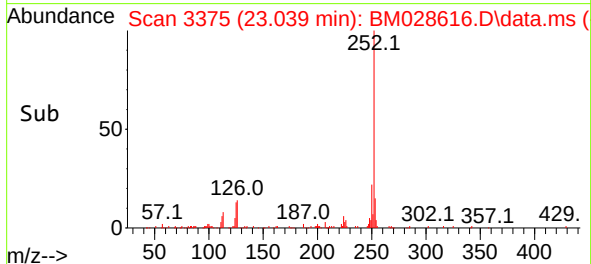
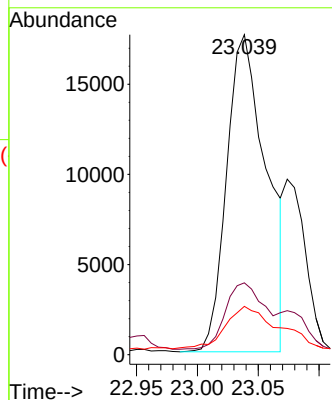
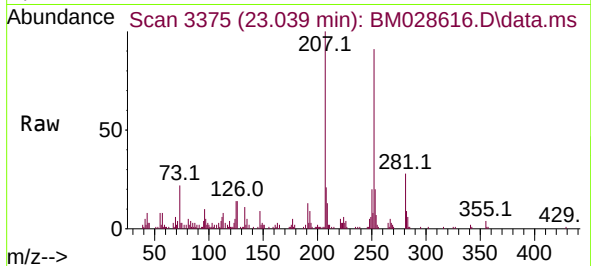




#89
Benzo(k)fluoranthene
Concen: 5.15 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.053 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

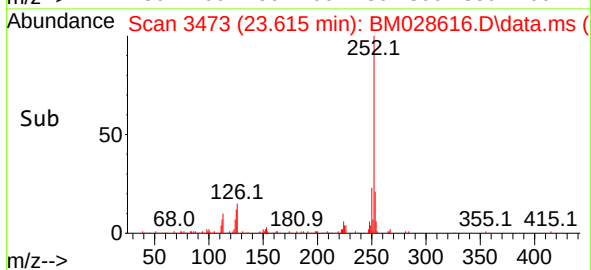
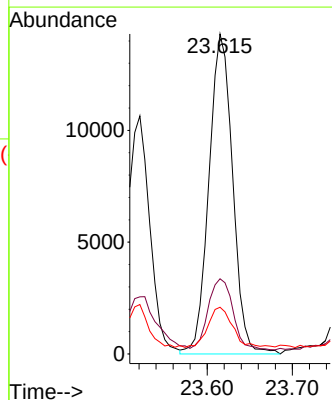
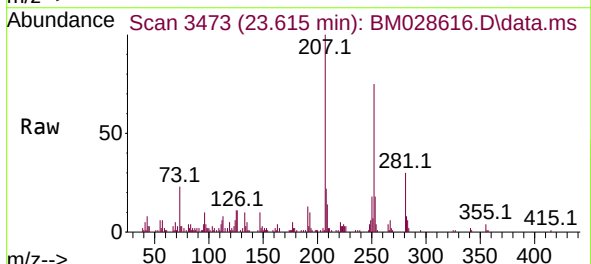
Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

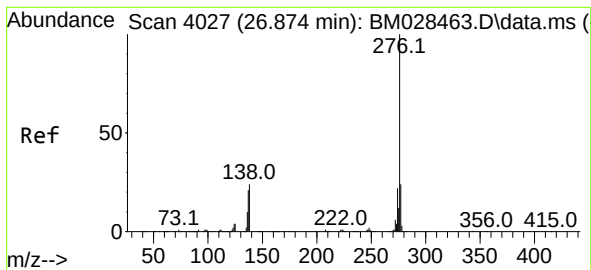
Tgt Ion:252 Resp: 39965
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 15.1 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 3.76 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:252 Resp: 27730
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 14.6 6.6 9.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.86 ng
 RT: 26.703 min Scan# 3998
 Delta R.T. -0.029 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17

Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035

Tgt Ion:	276	Resp:	20296
Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	26.3	12.2	18.2#

