

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
 Data File : BM028615.D
 Acq On : 29 Jan 2021 20:41
 Operator : CG/JU
 Sample : M1271-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-332

Quant Time: Jan 29 23:50:38 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)

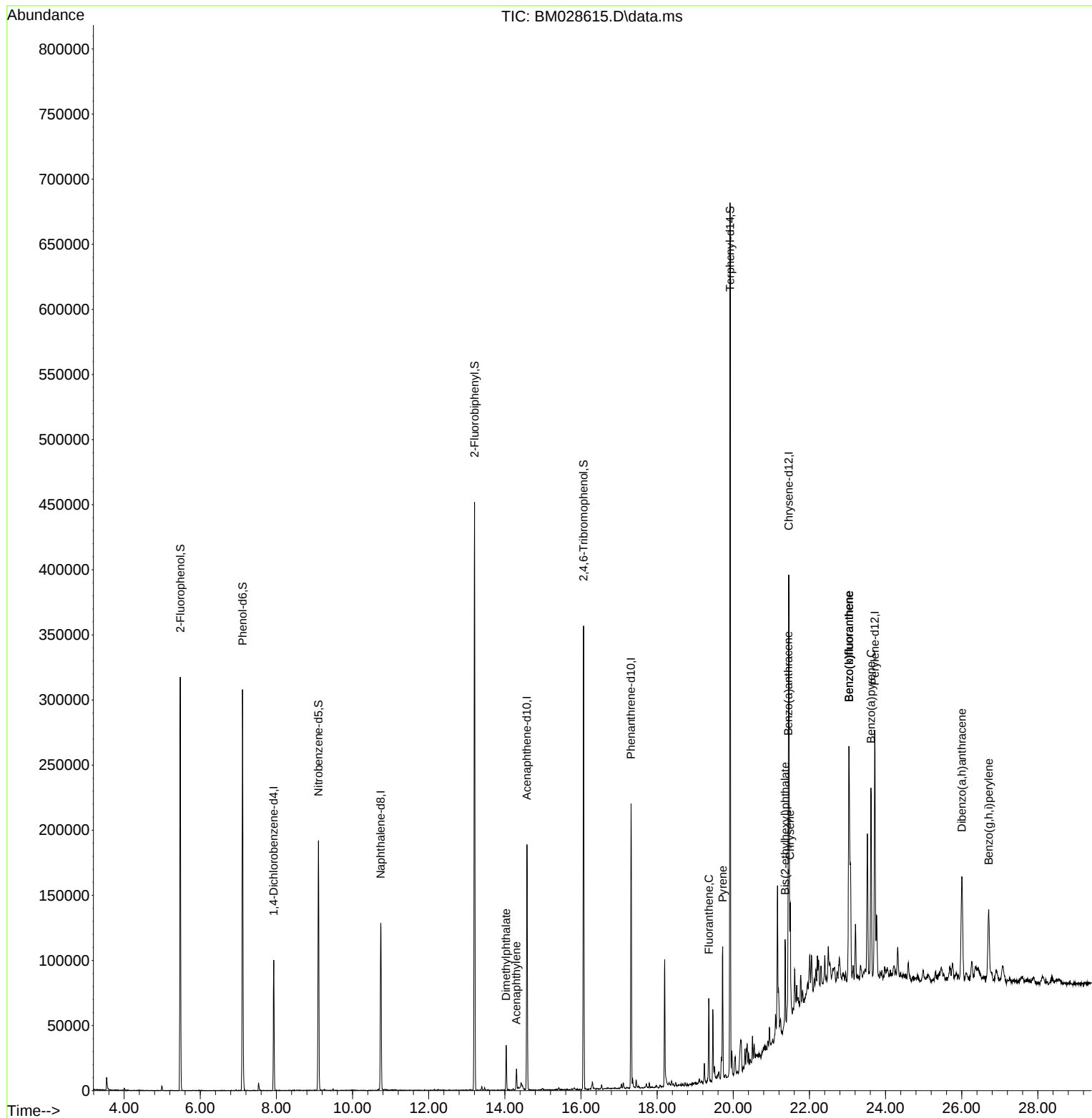
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	27389	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	106720	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	60295	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	120284	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	117273	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	120191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	126937	73.21	ng	0.00
7) Phenol-d6	7.110	99	164765	69.79	ng	-0.01
23) Nitrobenzene-d5	9.104	82	101356	45.05	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	59917	75.00	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	223686	46.54	ng	0.00
79) Terphenyl-d14	19.915	244	269644	41.52	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.304	152	12572	2.01	ng	99
50) Dimethylphthalate	14.033	163	20943	4.23	ng	97
75) Fluoranthene	19.356	202	32838	3.95	ng	96
78) Pyrene	19.721	202	57952	6.89	ng	99
81) Benzo(a)anthracene	21.445	228	58397	7.21	ng	95
83) Chrysene	21.492	228	59857	7.66	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	21280	4.06	ng	# 98
88) Benzo(b)fluoranthene	23.039	252	146385	17.94	ng	# 93
89) Benzo(k)fluoranthene	23.039	252	146385	18.37	ng	# 93
90) Benzo(a)pyrene	23.615	252	95467	12.63	ng	# 92
91) Dibenzo(a,h)anthracene	26.003	278	17701	2.39	ng	# 88
92) Benzo(g,h,i)perylene	26.709	276	59342	8.14	ng	# 91

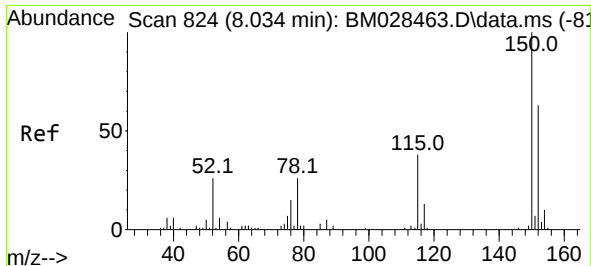
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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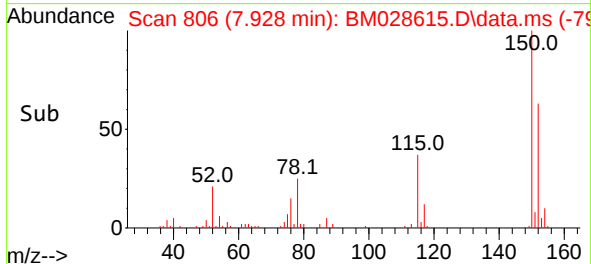
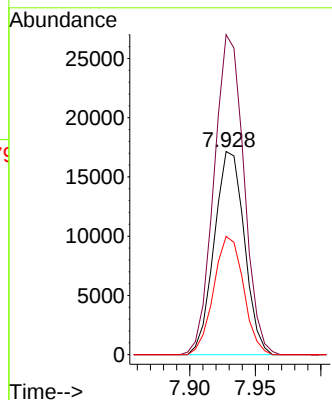
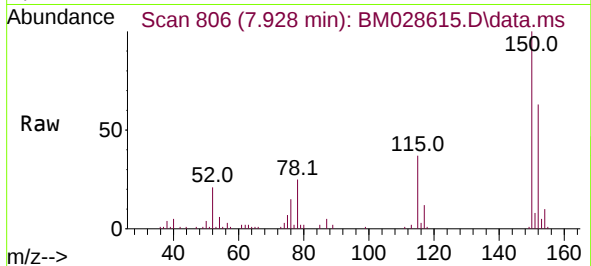




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

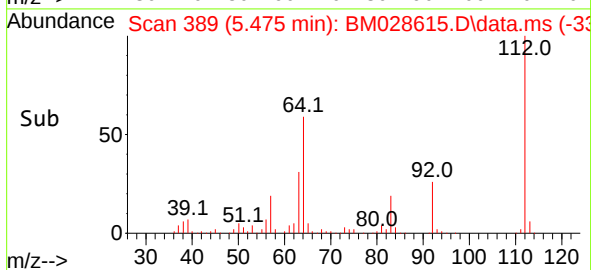
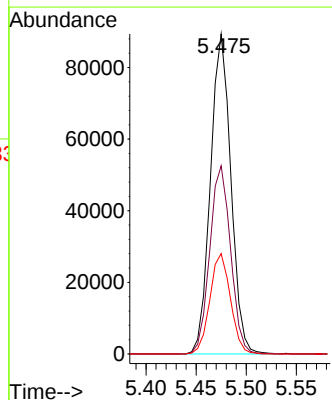
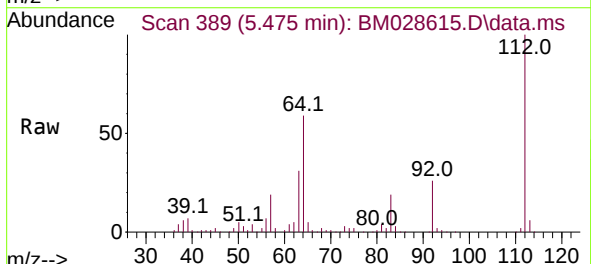
Instrument :
BNA_M
ClientSampleId :
RO-332

Tgt Ion:152 Resp: 27389
Ion Ratio Lower Upper
152 100
150 157.5 120.6 181.0
115 58.2 47.2 70.8



#5
2-Fluorophenol
Concen: 73.21 ng
RT: 5.475 min Scan# 389
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:112 Resp: 126937
Ion Ratio Lower Upper
112 100
64 58.8 50.6 76.0
63 31.4 31.0 46.6

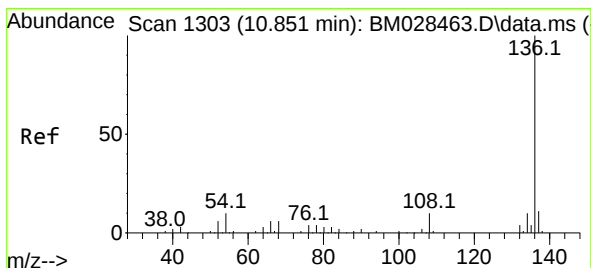
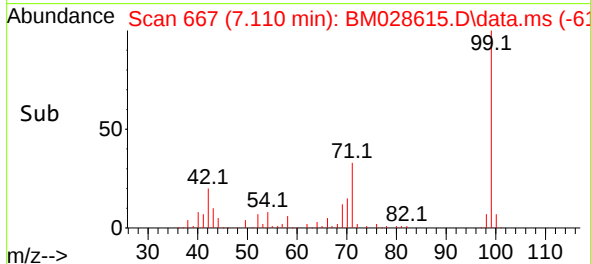
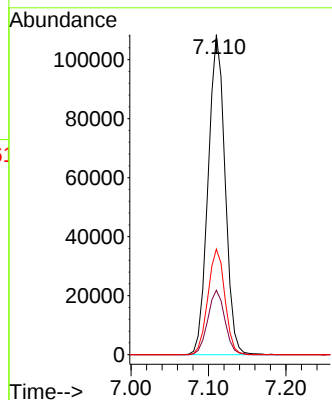
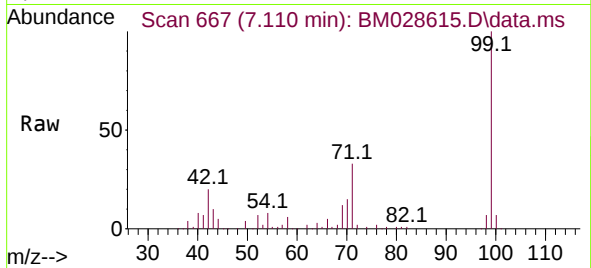




#7
Phenol-d6
Concen: 69.79 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

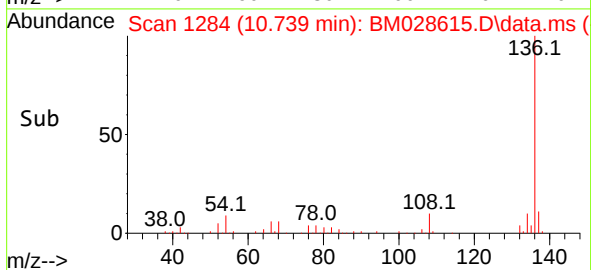
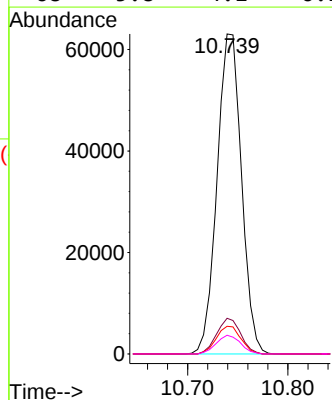
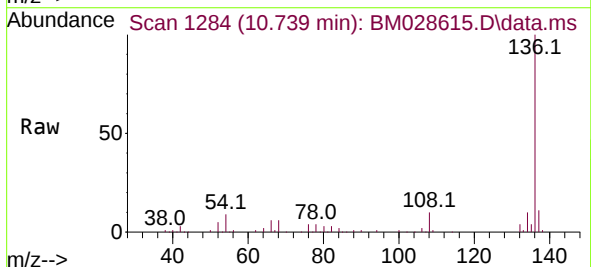
Instrument :
BNA_M
ClientSampled :
RO-332

Tgt Ion: 99 Resp: 164765
Ion Ratio Lower Upper
99 100
42 20.2 13.5 20.3
71 33.0 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: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 136 Resp: 106720
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.6 4.6 7.0#
68 5.8 4.1 6.1

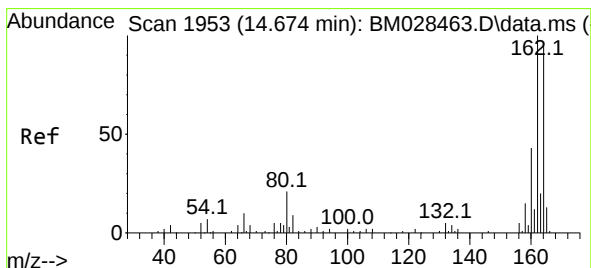
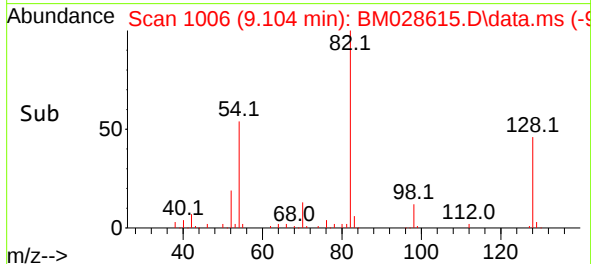
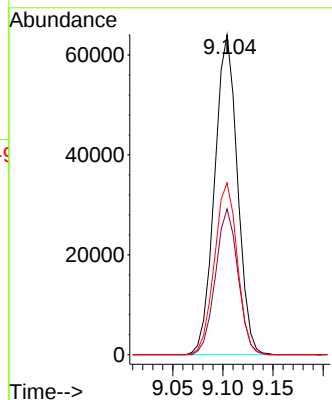
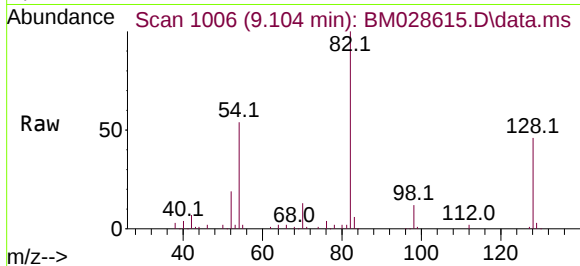




#23
Nitrobenzene-d5
Concen: 45.05 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

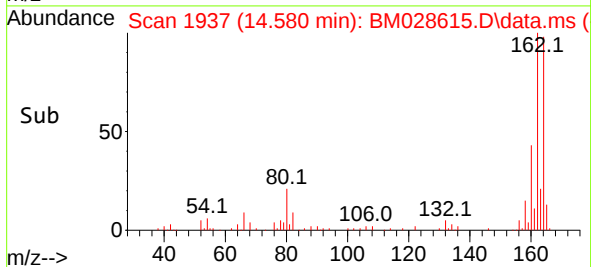
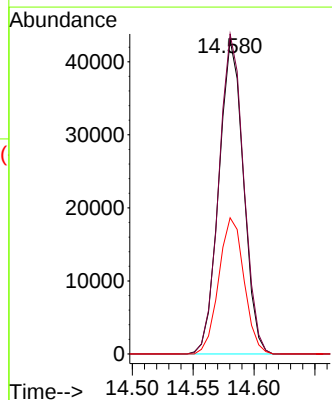
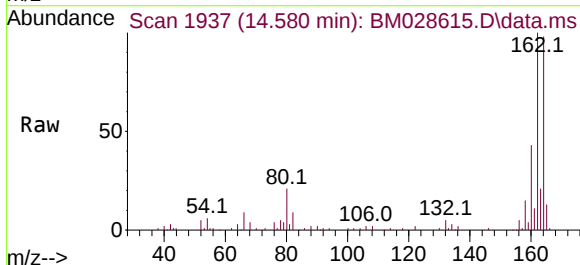
Instrument :
BNA_M
ClientSampled :
RO-332

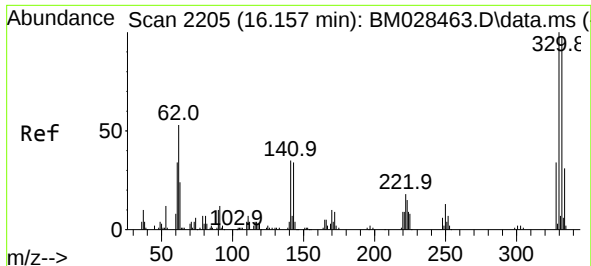
Tgt Ion: 82 Resp: 101356
Ion Ratio Lower Upper
82 100
128 45.5 27.4 41.0#
54 53.7 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:164 Resp: 60295
Ion Ratio Lower Upper
164 100
162 101.9 80.4 120.6
160 43.3 35.9 53.9

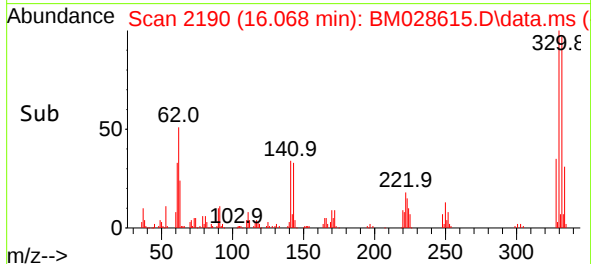
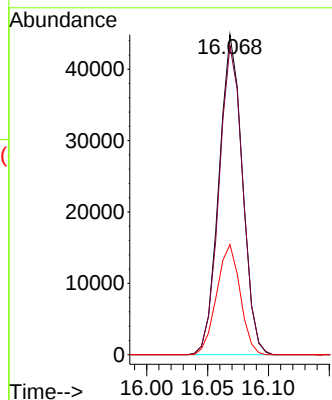
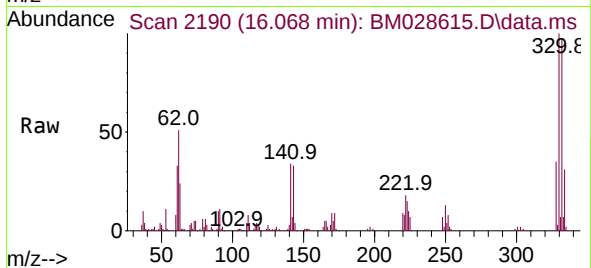




#42
2,4,6-Tribromophenol
Concen: 75.00 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

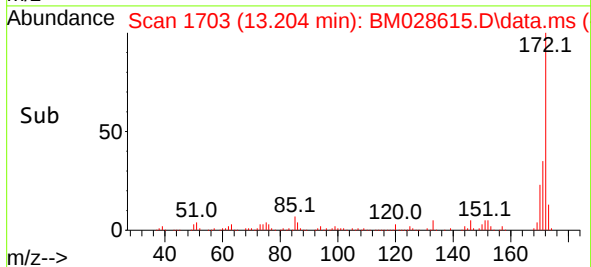
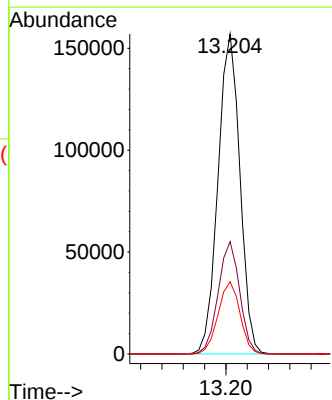
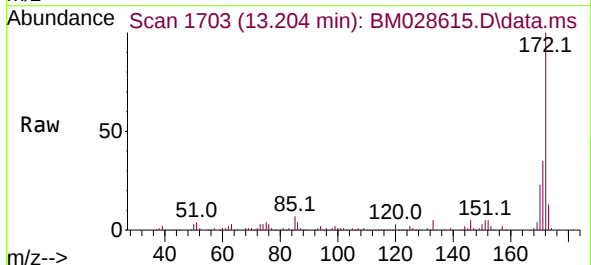
Instrument :
BNA_M
ClientSampleId :
RO-332

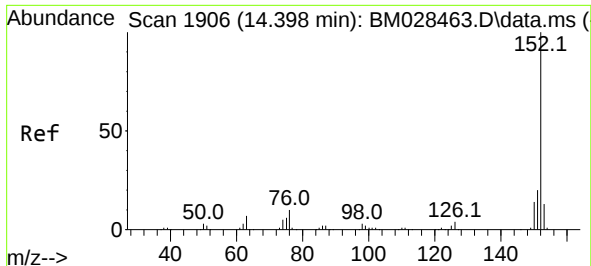
Tgt Ion:330 Resp: 59917
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 34.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 46.54 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:172 Resp: 223686
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.5 18.6 27.8

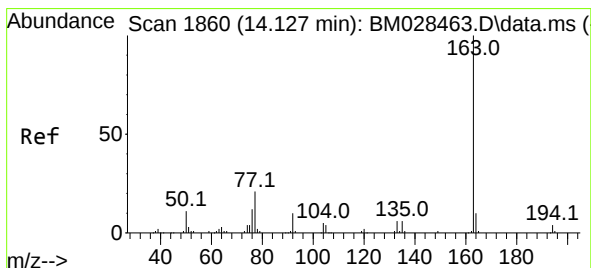
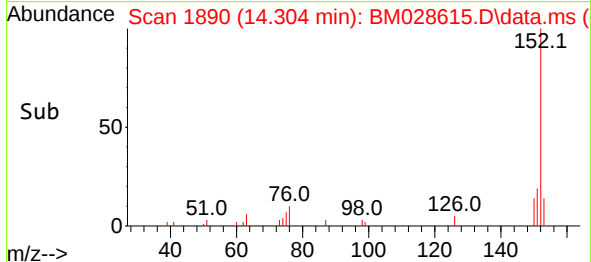
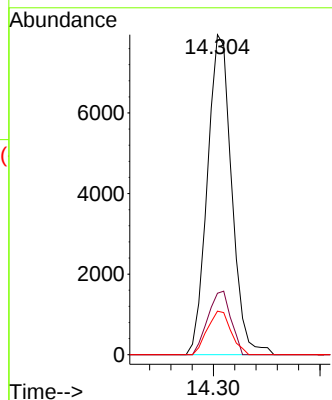
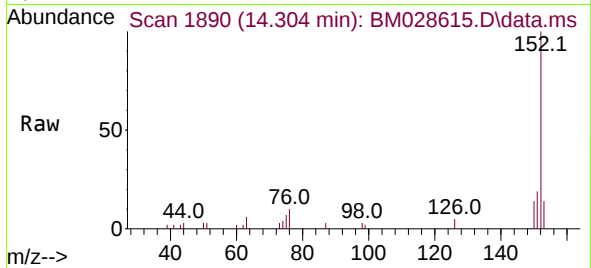




#49
Acenaphthylene
Concen: 2.01 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

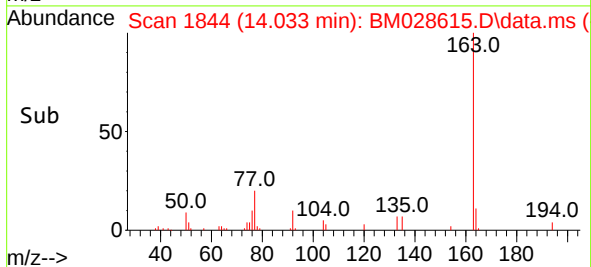
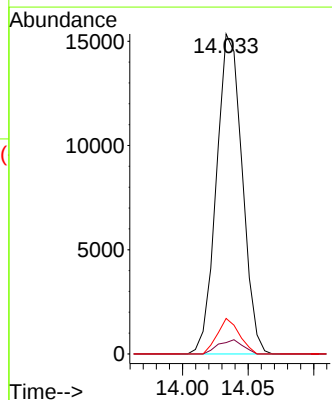
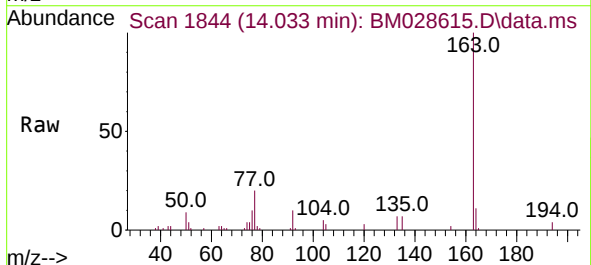
Instrument :
BNA_M
ClientSampled :
RO-332

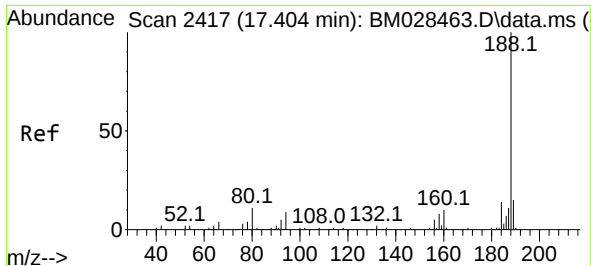
Tgt Ion:152	Resp:	12572
Ion Ratio	Lower	Upper
152	100	
151	19.2	15.8 23.6
153	13.6	10.4 15.6



#50
Dimethylphthalate
Concen: 4.23 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:163	Resp:	20943
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.4 5.2
164	11.1	8.1 12.1

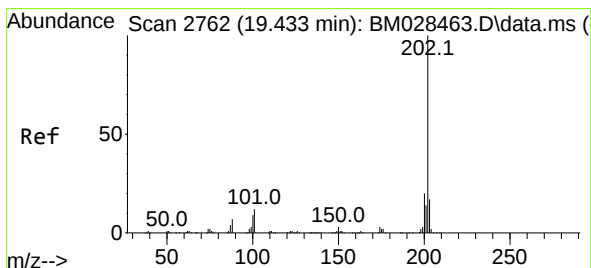
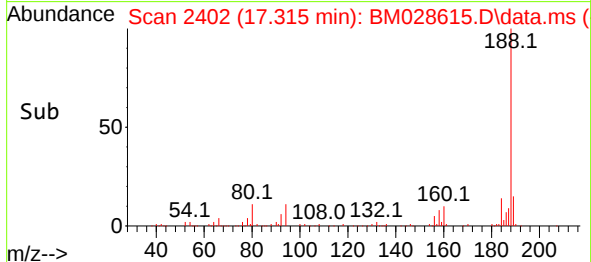
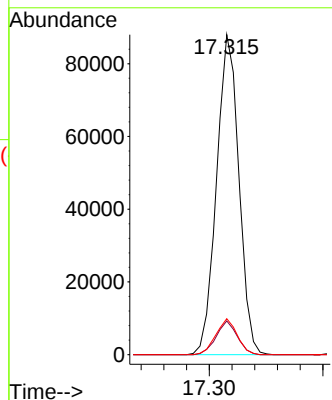
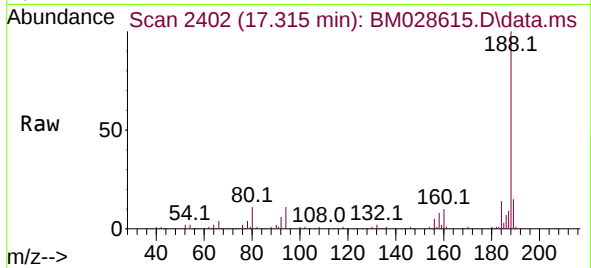




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

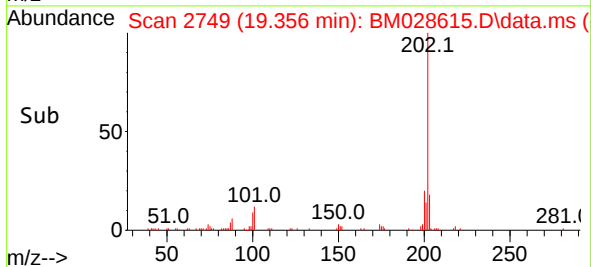
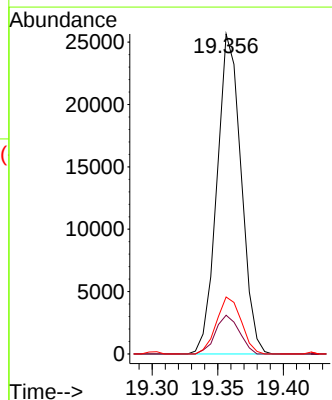
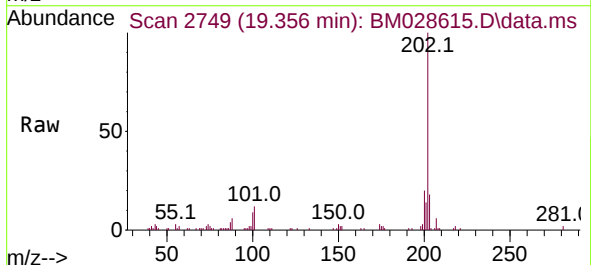
Instrument :
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ClientSampleId :
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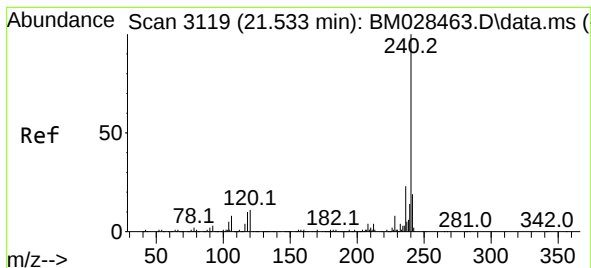
Tgt Ion:188 Resp: 120284
Ion Ratio Lower Upper
188 100
94 10.6 6.2 9.4#
80 11.2 7.5 11.3



#75
Fluoranthene
Concen: 3.95 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:202 Resp: 32838
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 17.8 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: BM028615.D

Acq: 29 Jan 2021 20:41

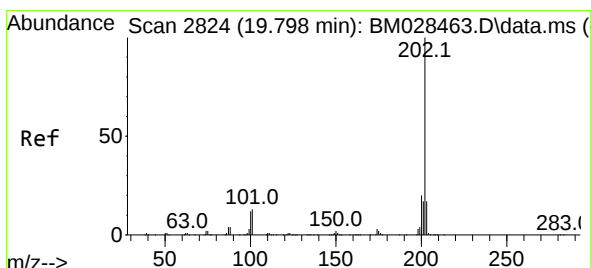
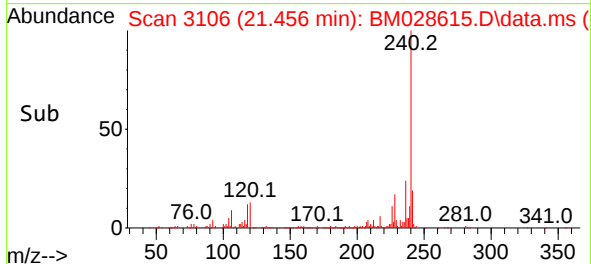
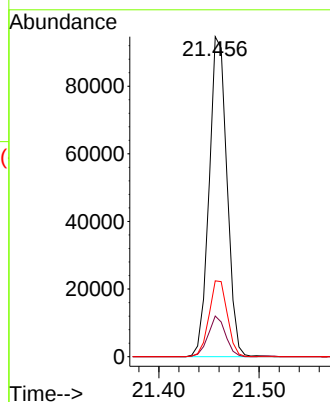
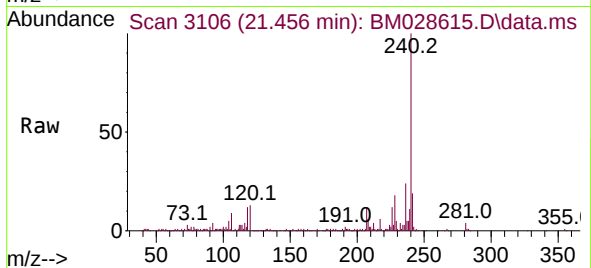
Tgt Ion:240 Resp: 117273

Ion Ratio Lower Upper

240 100

120 12.7 6.4 9.6#

236 23.7 20.1 30.1



#78

Pyrene

Concen: 6.89 ng

RT: 19.721 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

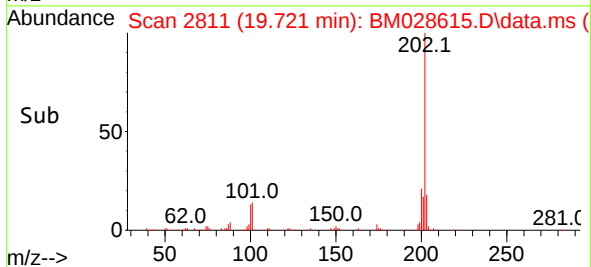
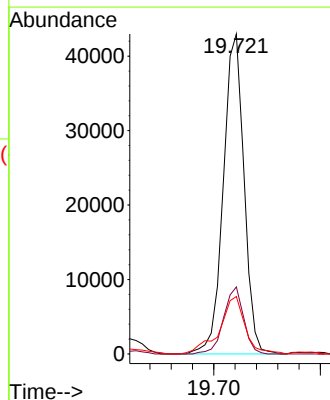
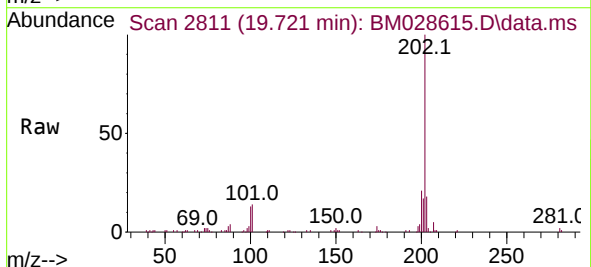
Tgt Ion:202 Resp: 57952

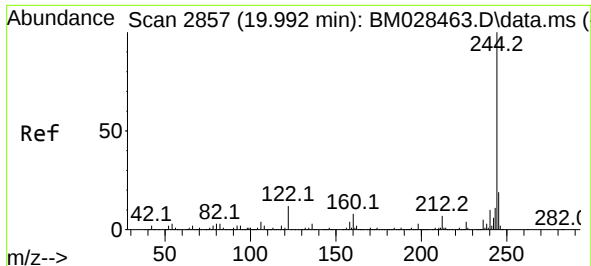
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

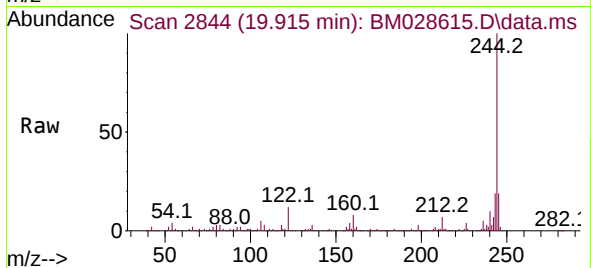
203 18.0 13.8 20.6



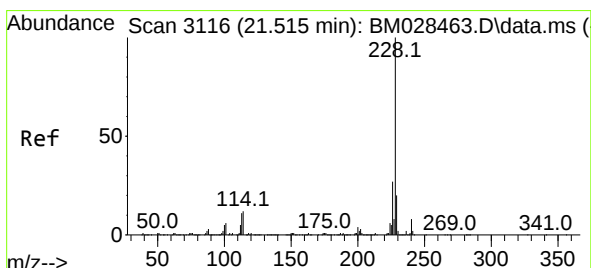
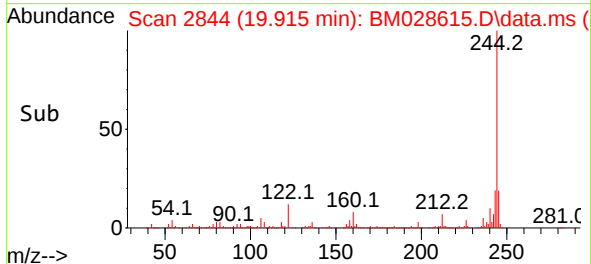
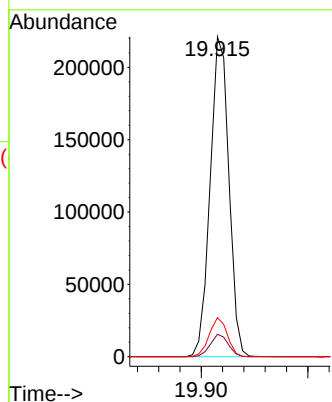


#79
 Terphenyl-d14
 Concen: 41.52 ng
 RT: 19.915 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM028615.D
 Acq: 29 Jan 2021 20:41

Instrument :
 BNA_M
 ClientSampleId :
 RO-332

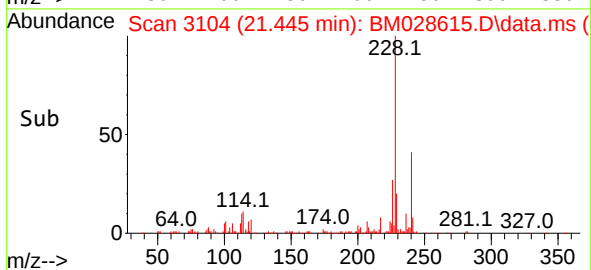
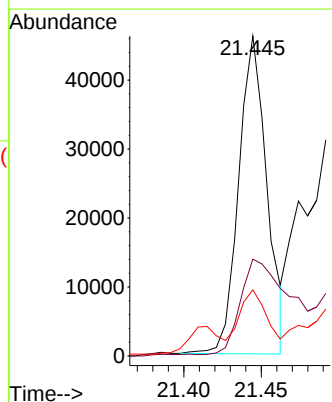
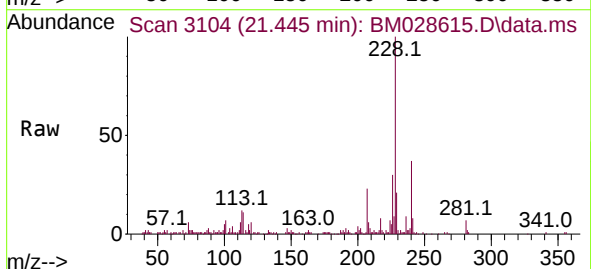


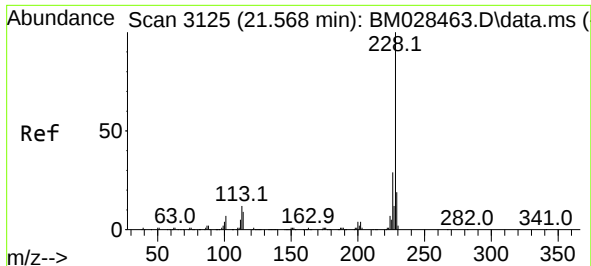
Tgt Ion:244 Resp: 269644
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.2 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 7.21 ng
 RT: 21.445 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM028615.D
 Acq: 29 Jan 2021 20:41

Tgt Ion:228 Resp: 58397
 Ion Ratio Lower Upper
 228 100
 226 30.3 21.1 31.7
 229 20.7 15.7 23.5

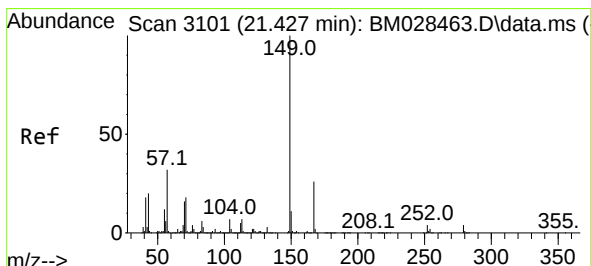
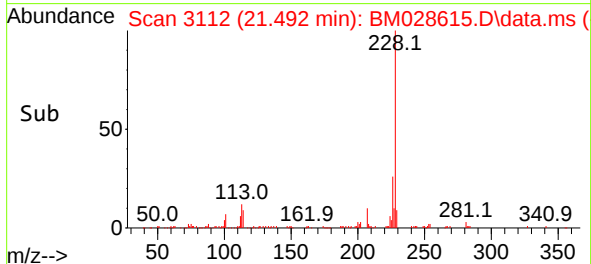
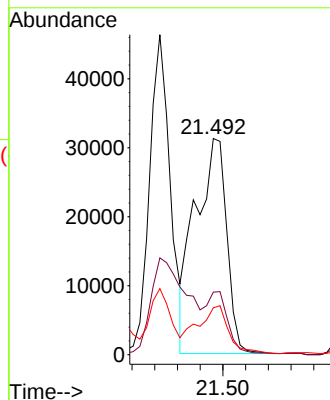
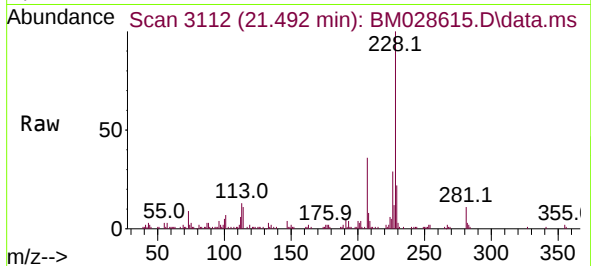




#83
Chrysene
Concen: 7.66 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

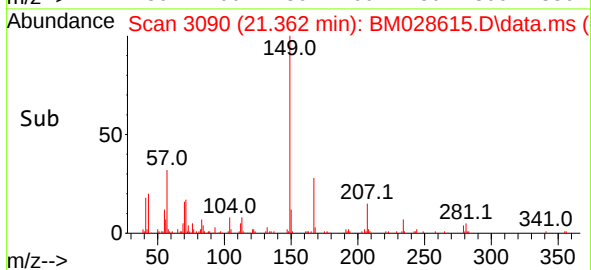
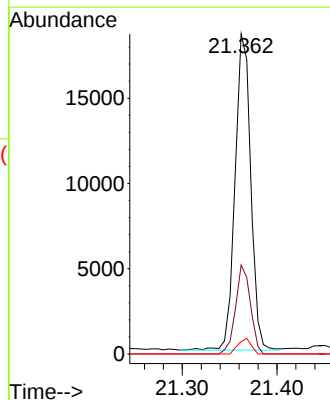
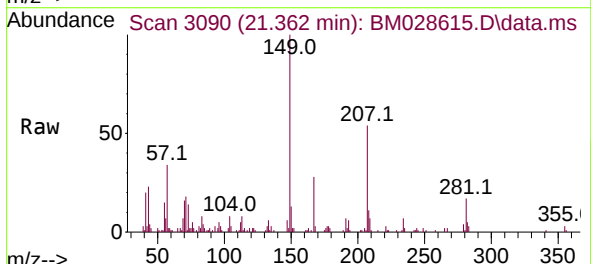
Instrument :
BNA_M
ClientSampleId :
RO-332

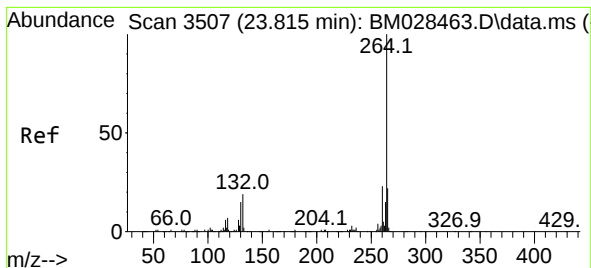
Tgt Ion:228 Resp: 59857
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.0
229 21.7 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.06 ng
RT: 21.362 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:149 Resp: 21280
Ion Ratio Lower Upper
149 100
167 27.8 22.7 34.1
279 3.8 4.0 6.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.715 min Scan# 3490

Delta R.T. -0.012 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

Tgt Ion:264 Resp: 120191

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

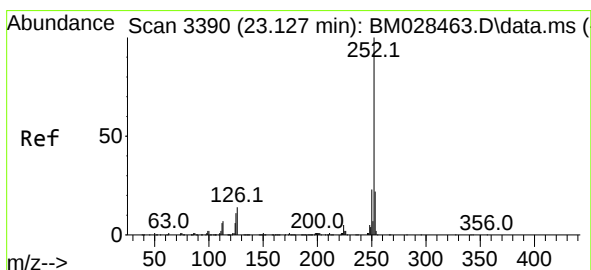
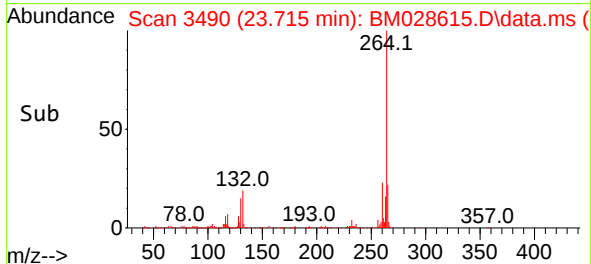
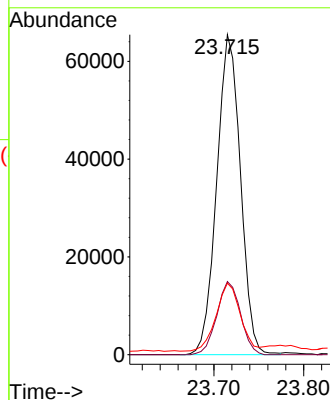
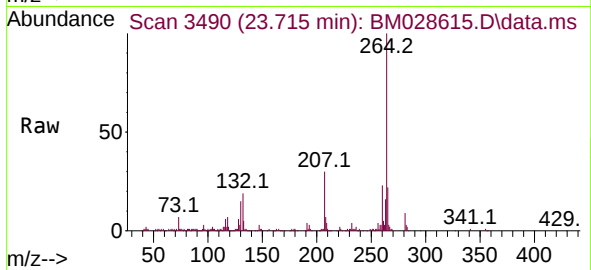
265 22.3 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

RO-332



#88

Benzo(b)fluoranthene

Concen: 17.94 ng

RT: 23.039 min Scan# 3375

Delta R.T. -0.012 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

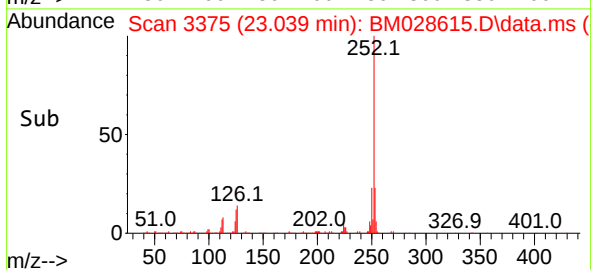
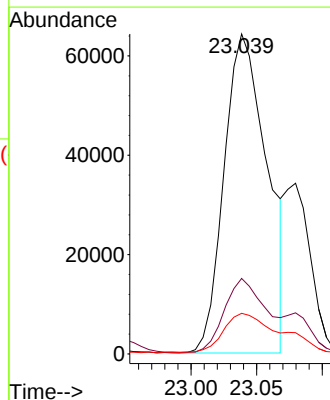
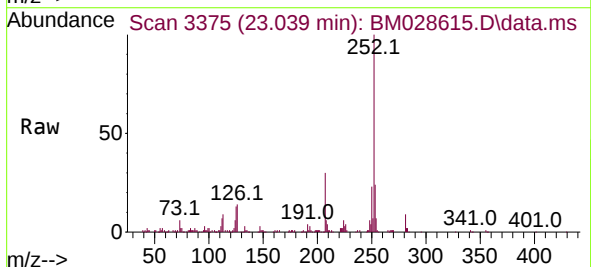
Tgt Ion:252 Resp: 146385

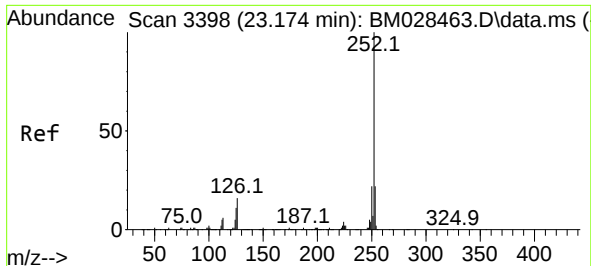
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.0

125 12.7 5.7 8.5#

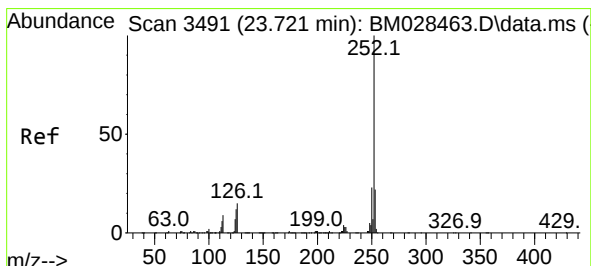
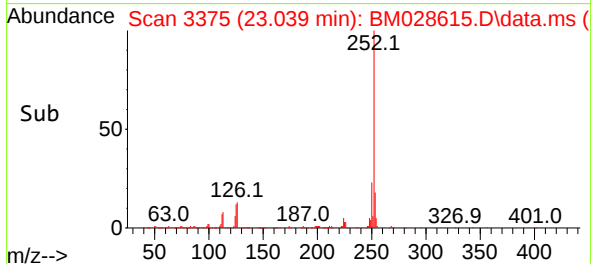
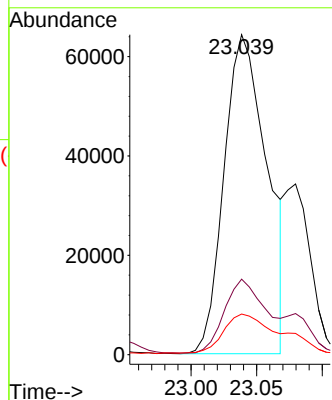
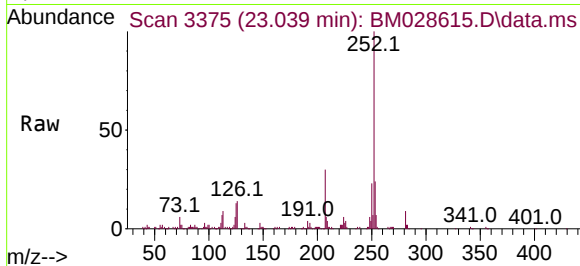




#89
Benzo(k)fluoranthene
Concen: 18.37 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.053 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

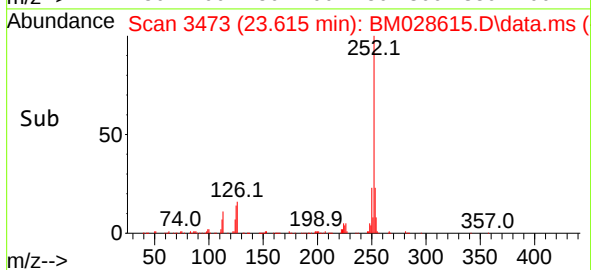
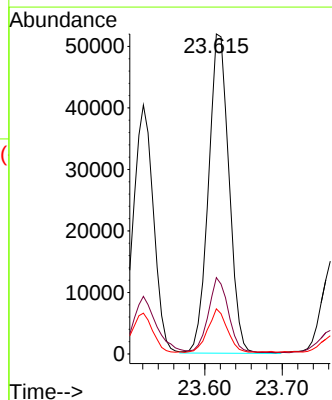
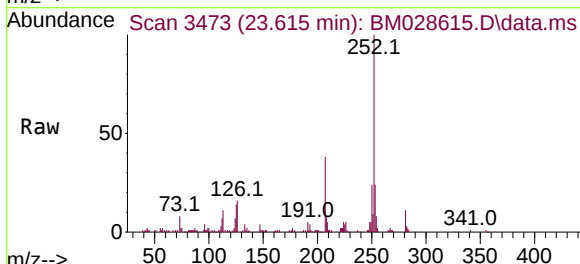
Instrument :
BNA_M
ClientSampleId :
RO-332

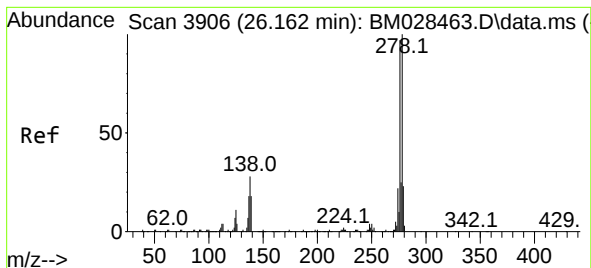
Tgt Ion:252 Resp: 146385
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 12.7 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 12.63 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:252 Resp: 95467
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 14.1 6.6 9.8#





#91

Dibenzo(a,h)anthracene

Concen: 2.39 ng

RT: 26.003 min Scan# 3879

Delta R.T. -0.035 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

Tgt Ion:278 Resp: 17701

Ion Ratio Lower Upper

278 100

139 22.3 9.0 13.6#

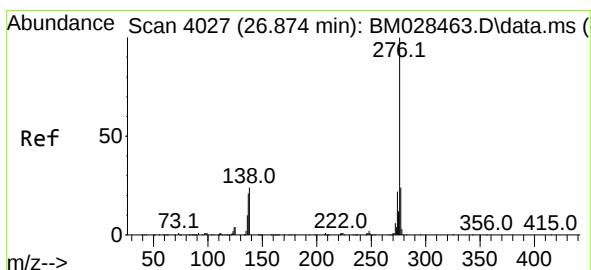
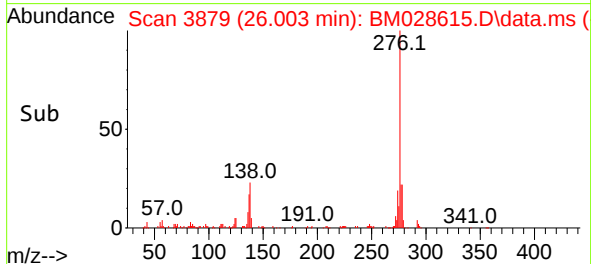
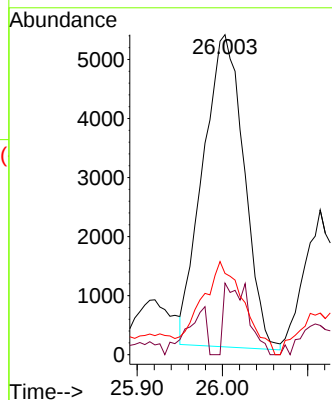
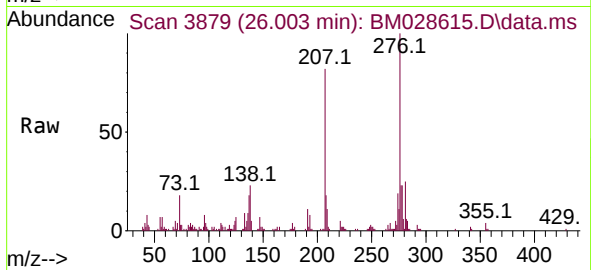
279 25.4 19.0 28.4

Instrument :

BNA_M

ClientSampleId :

RO-332



#92

Benzo(g,h,i)perylene

Concen: 8.14 ng

RT: 26.709 min Scan# 3999

Delta R.T. -0.024 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

Tgt Ion:276 Resp: 59342

Ion Ratio Lower Upper

276 100

277 22.0 18.6 28.0

138 23.3 12.2 18.2#

