

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028591.D
 Acq On : 28 Jan 2021 17:20
 Operator : CG/JU
 Sample : M1254-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CRT-15

Quant Time: Jan 28 23:36:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

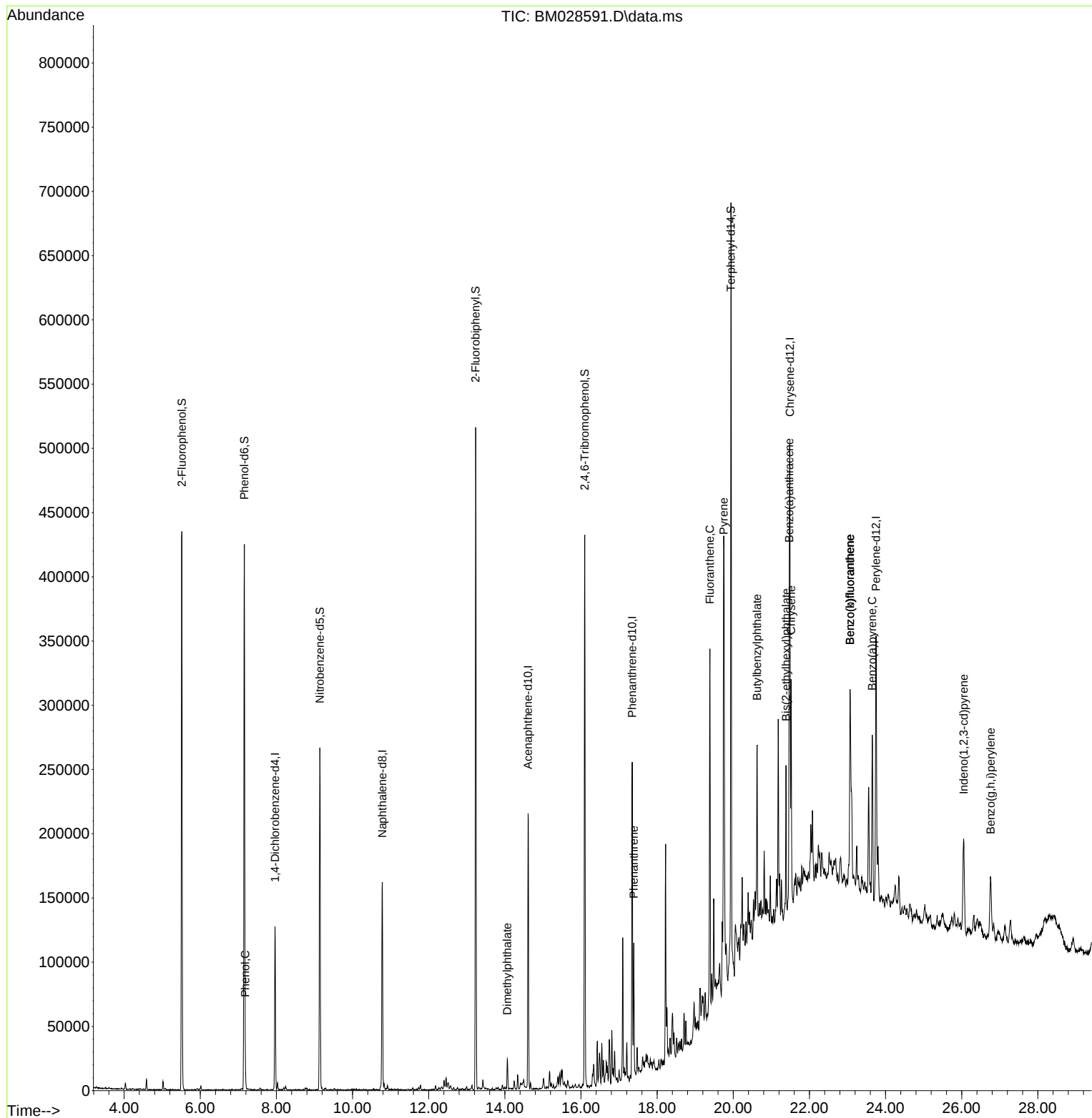
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	33313	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	131752	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	71237	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	135985	20.00	ng	# 0.00
76) Chrysene-d12	21.486	240	128002	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	132208	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	182606	86.59	ng	-0.02
7) Phenol-d6	7.157	99	227126	79.10	ng	-0.03
23) Nitrobenzene-d5	9.139	82	144014	51.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	73592	77.97	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	247479	43.59	ng	0.00
79) Terphenyl-d14	19.939	244	238476	33.64	ng	0.00
Target Compounds						
10) Phenol	7.181	94	6295	2.33	ng	Qvalue 95
50) Dimethylphthalate	14.063	163	14269	2.44	ng	99
71) Phenanthrene	17.386	178	55137	6.59	ng	99
75) Fluoranthene	19.386	202	147177	15.67	ng	97
78) Pyrene	19.745	202	145841	15.89	ng	98
80) Butylbenzylphthalate	20.627	149	39336	9.72	ng	96
81) Benzo(a)anthracene	21.468	228	94242	10.66	ng	96
83) Chrysene	21.521	228	87437	10.25	ng	97
84) Bis(2-ethylhexyl)phtha...	21.386	149	35310	6.17	ng	98
87) Indeno(1,2,3-cd)pyrene	26.050	276	56462	5.73	ng	# 91
88) Benzo(b)fluoranthene	23.068	252	155802	17.36	ng	# 92
89) Benzo(k)fluoranthene	23.068	252	155802	17.78	ng	# 92
90) Benzo(a)pyrene	23.650	252	84576	10.17	ng	# 92
92) Benzo(g,h,i)perylene	26.762	276	55317	6.90	ng	# 89

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

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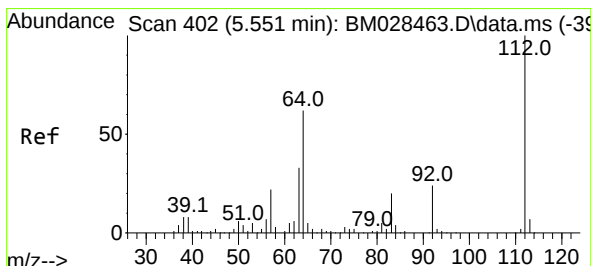
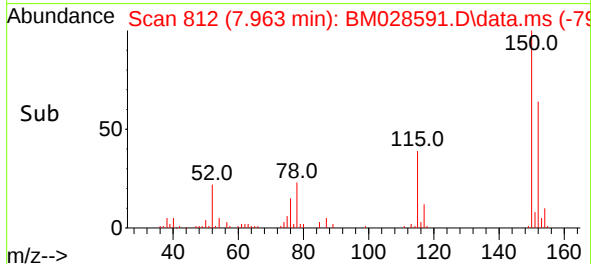
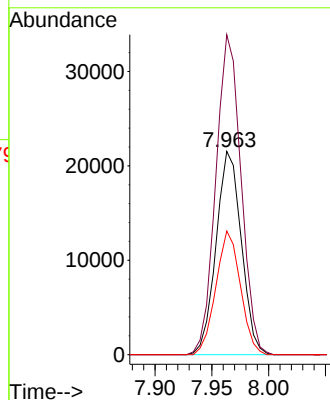
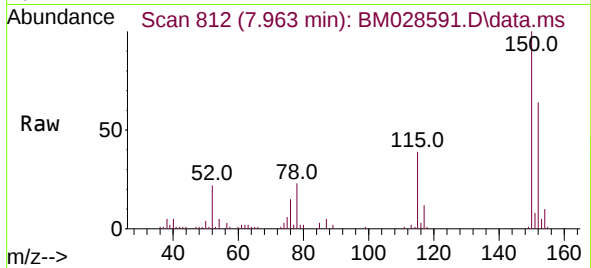




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

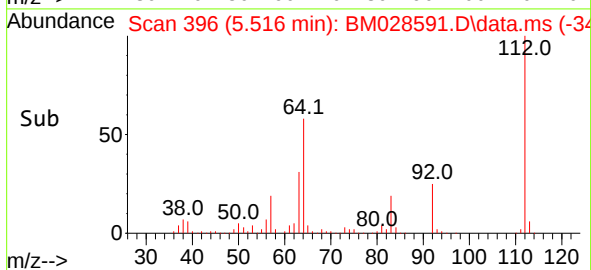
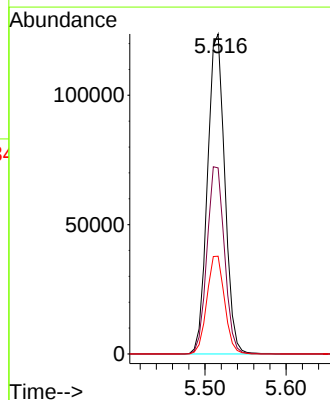
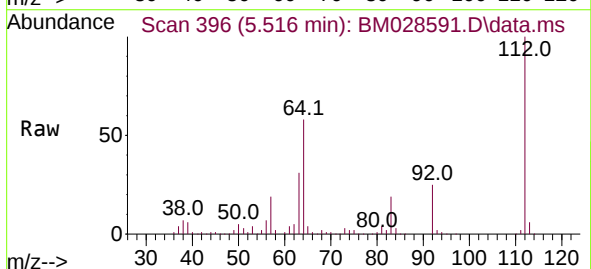
Instrument :
BNA_M
ClientSampleId :
CRT-15

Tgt Ion:152 Resp: 33313
Ion Ratio Lower Upper
152 100
150 157.4 120.6 181.0
115 60.8 47.2 70.8



#5
2-Fluorophenol
Concen: 86.59 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:112 Resp: 182606
Ion Ratio Lower Upper
112 100
64 58.1 50.6 76.0
63 30.5 31.0 46.6#

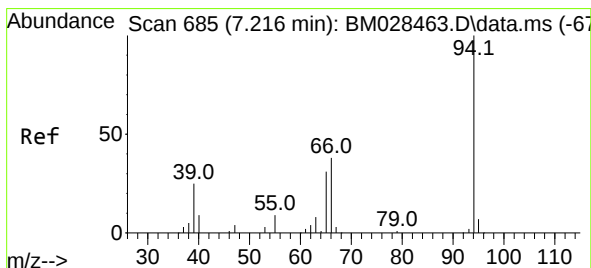
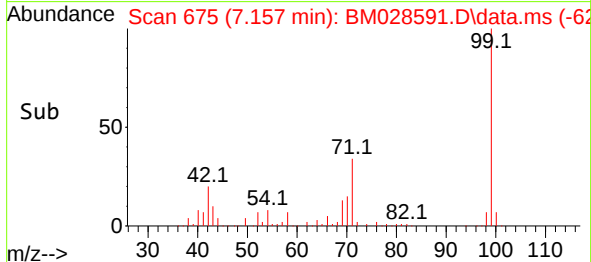
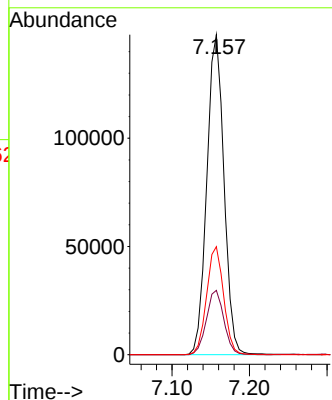
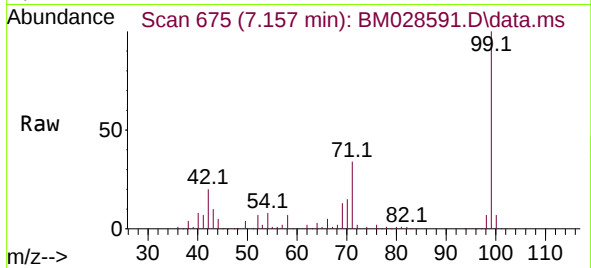




#7
Phenol-d6
Concen: 79.10 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

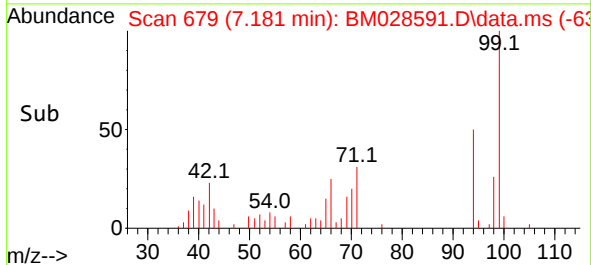
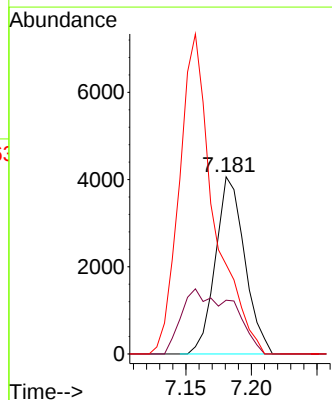
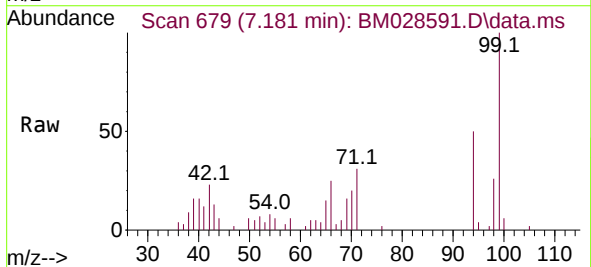
Instrument :
BNA_M
ClientSampled :
CRT-15

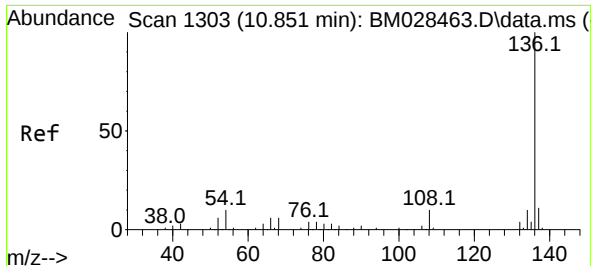
Tgt Ion: 99 Resp: 227126
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 33.8 39.4 59.0#



#10
Phenol
Concen: 2.33 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.029 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

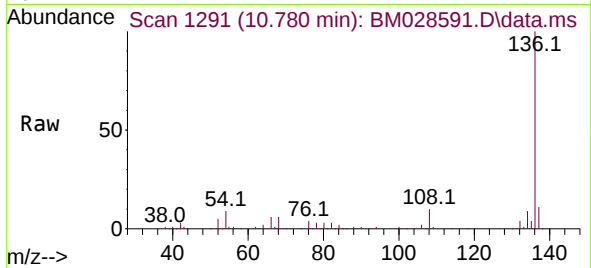
Tgt Ion: 94 Resp: 6295
Ion Ratio Lower Upper
94 100
65 30.3 16.4 56.4
66 50.5 30.2 70.2



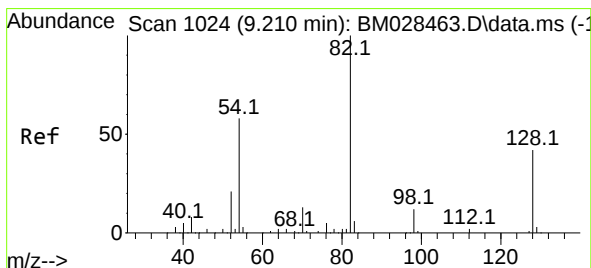
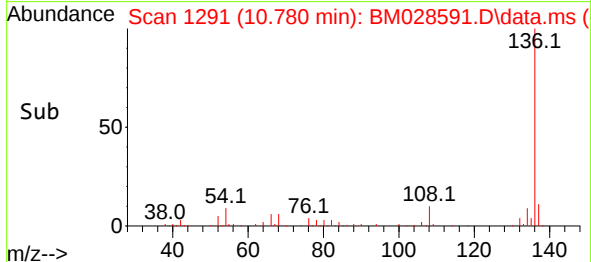
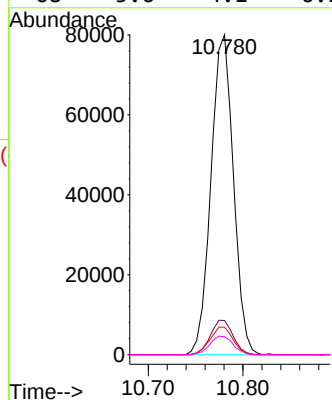


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Instrument :
BNA_M
ClientSampleID :
CRT-15

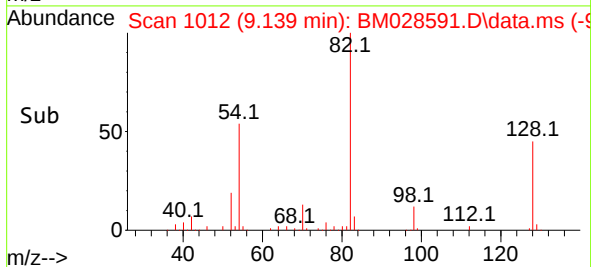
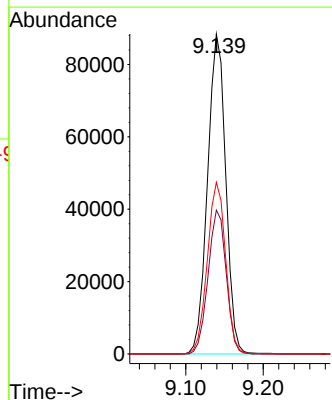
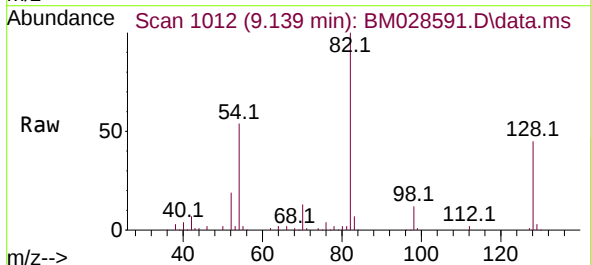


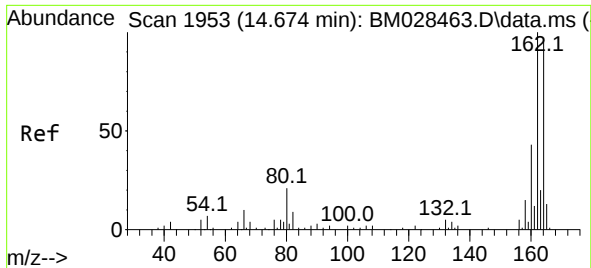
Tgt Ion:136 Resp: 131752
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.6 4.6 7.0#
68 5.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 51.84 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion: 82 Resp: 144014
Ion Ratio Lower Upper
82 100
128 44.9 27.4 41.0#
54 53.6 31.4 47.0#

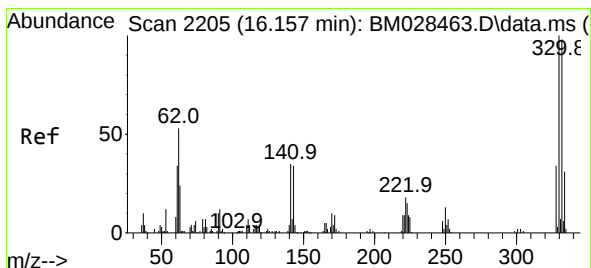
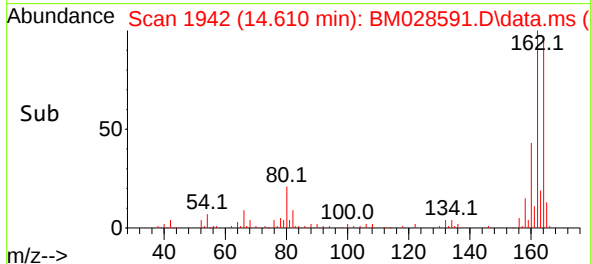
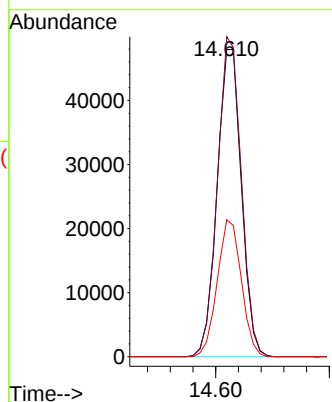
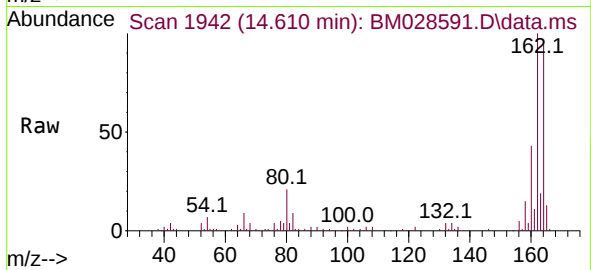




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

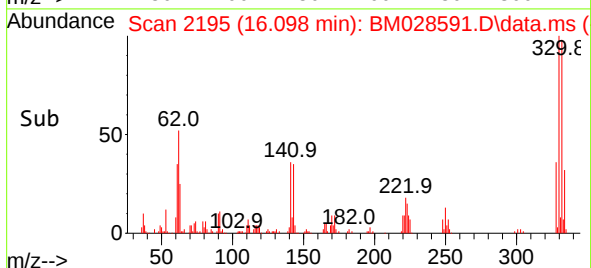
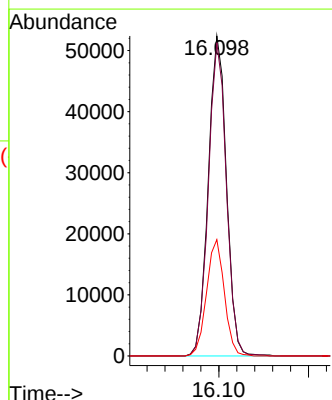
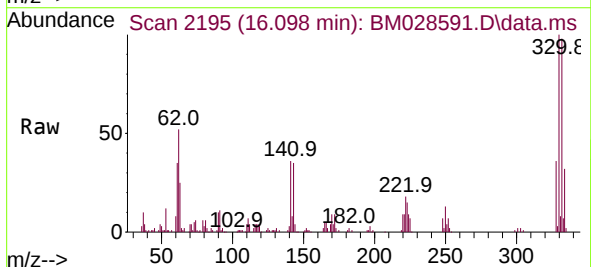
Instrument :
BNA_M
ClientSampled :
CRT-15

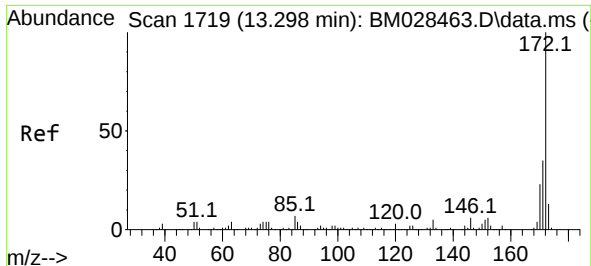
Tgt Ion:164	Resp:	71237
Ion Ratio	Lower	Upper
164	100	
162	104.1	80.4 120.6
160	44.6	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 77.97 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:330	Resp:	73592
Ion Ratio	Lower	Upper
330	100	
332	96.8	77.8 116.8
141	35.6	28.4 42.6

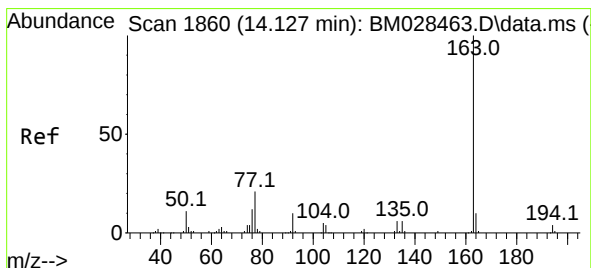
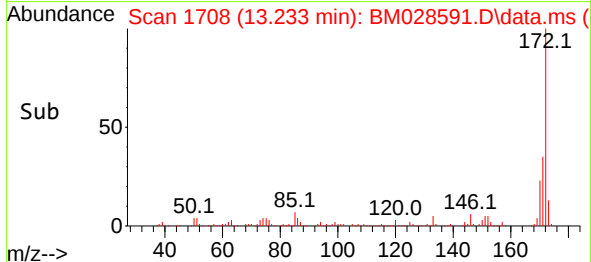
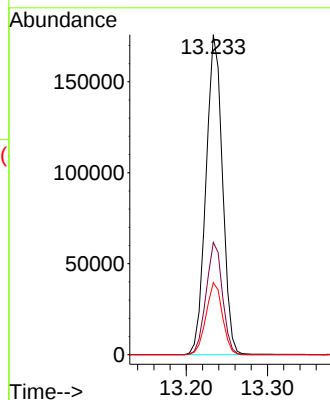
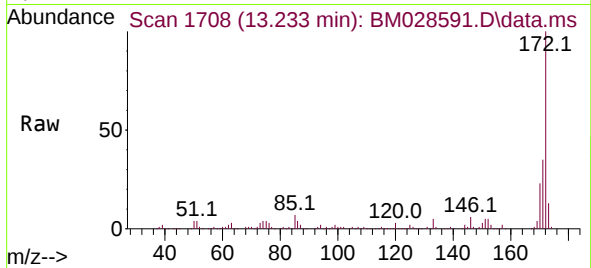




#45
2-Fluorobiphenyl
Concen: 43.59 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

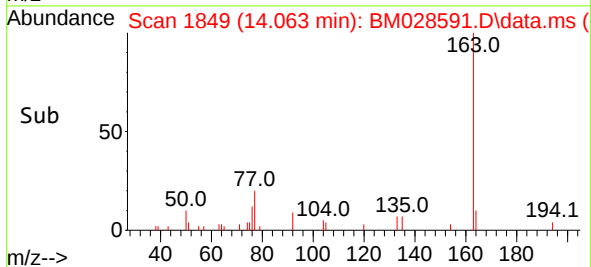
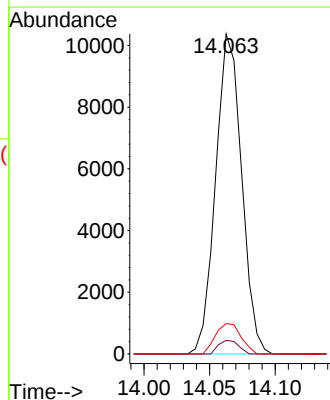
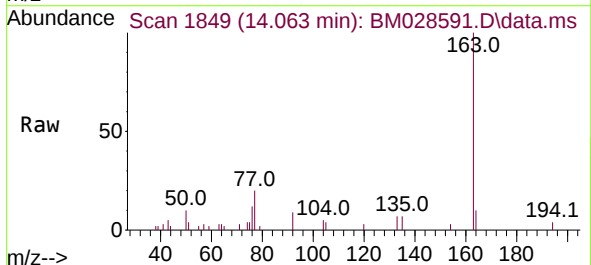
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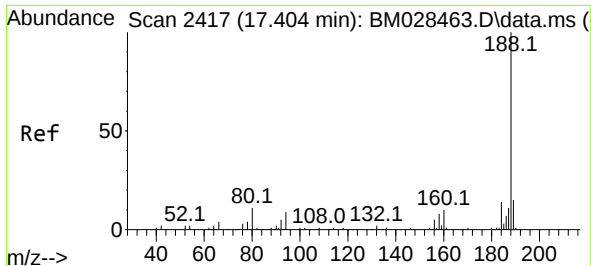
Tgt Ion:	172	Resp:	247479
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	22.5	18.6	27.8



#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	163	Resp:	14269
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.5	8.1	12.1

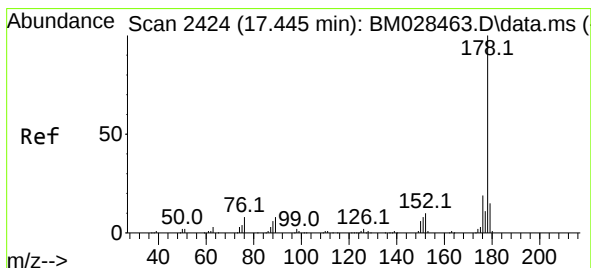
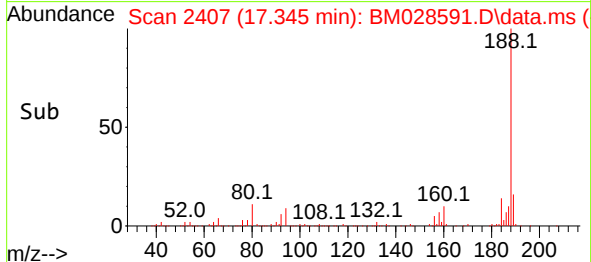
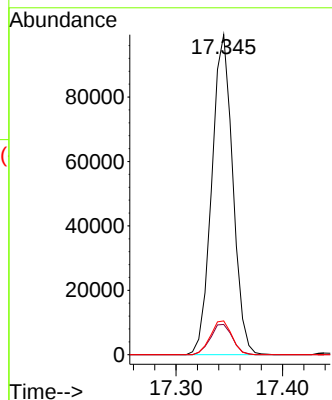
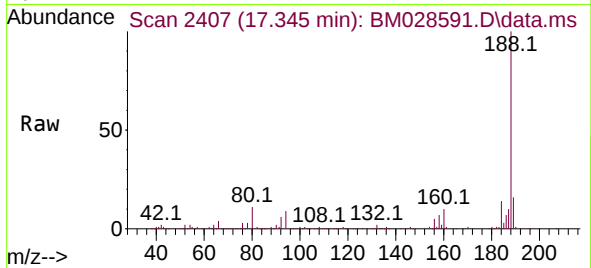




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

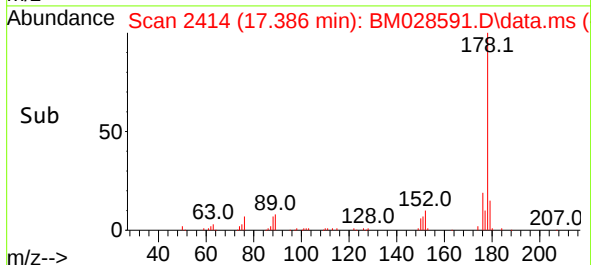
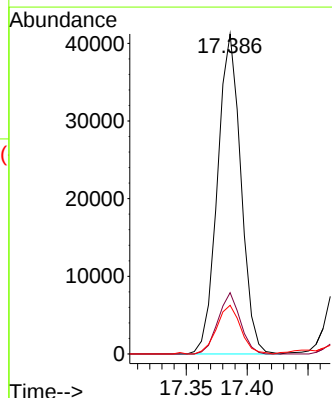
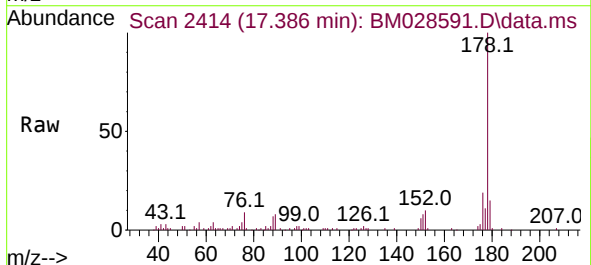
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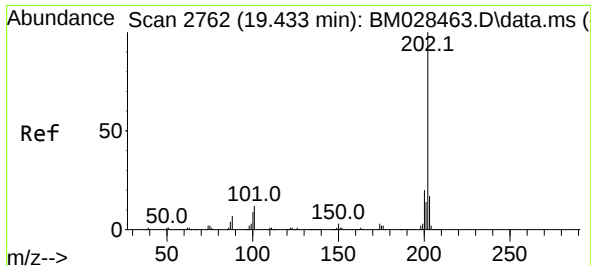
Tgt Ion:188 Resp: 135985
Ion Ratio Lower Upper
188 100
94 9.5 6.2 9.4#
80 10.6 7.5 11.3



#71
Phenanthrene
Concen: 6.59 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:178 Resp: 55137
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.2 12.2 18.4

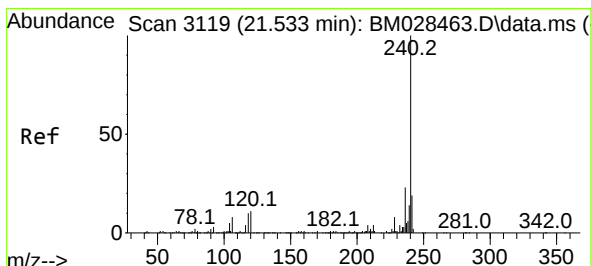
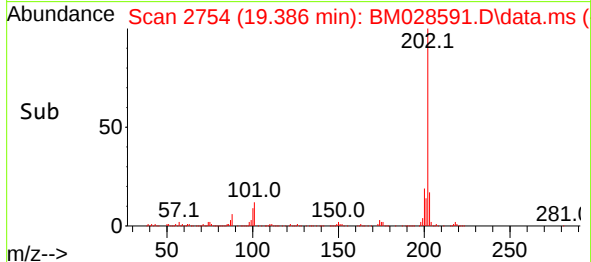
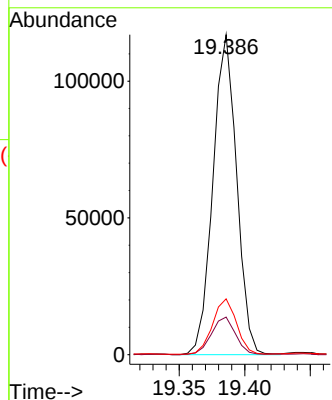
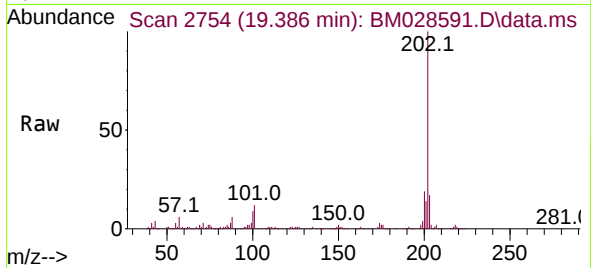




#75
Fluoranthene
Concen: 15.67 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

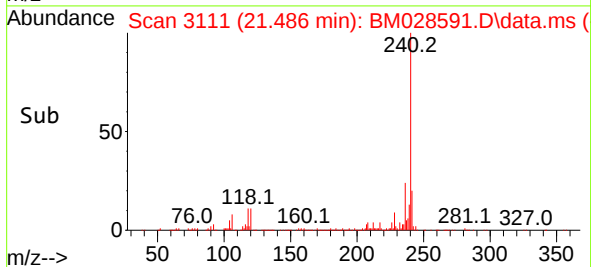
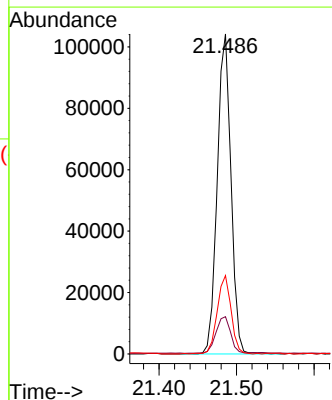
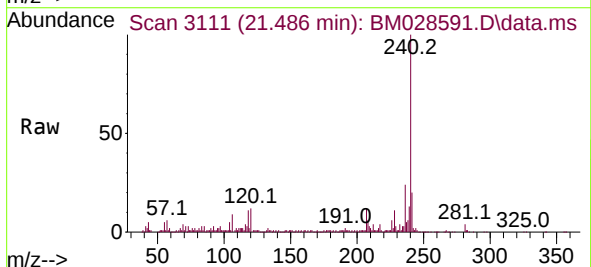
Instrument :
BNA_M
ClientSampleId :
CRT-15

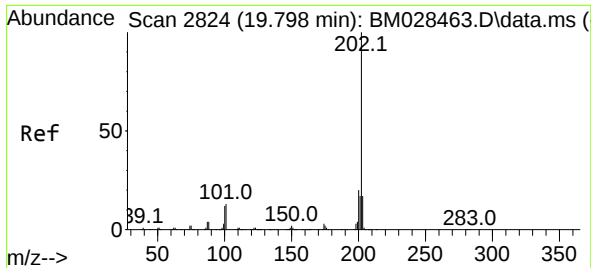
Tgt Ion:202 Resp: 147177
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.5
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:240 Resp: 128002
Ion Ratio Lower Upper
240 100
120 11.6 6.4 9.6#
236 24.5 20.1 30.1

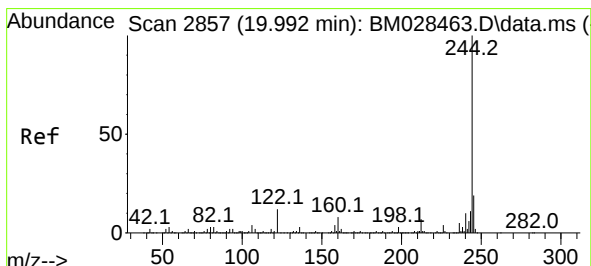
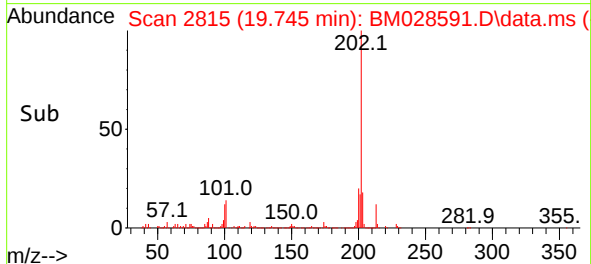
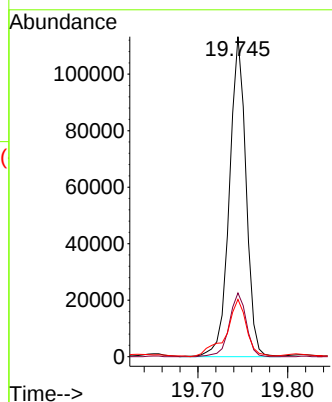
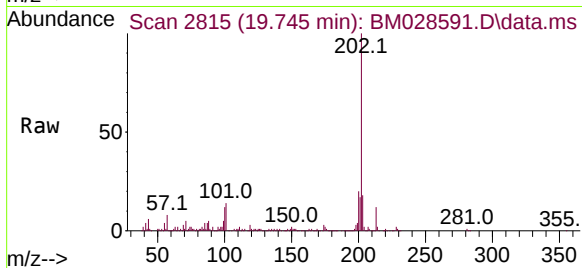




#78
Pyrene
Concen: 15.89 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

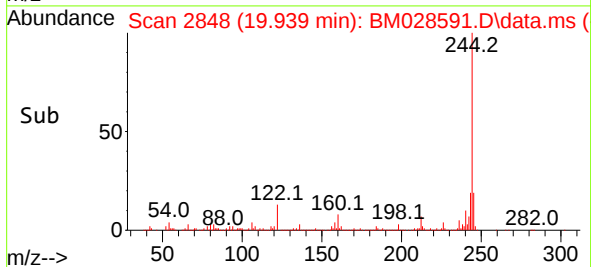
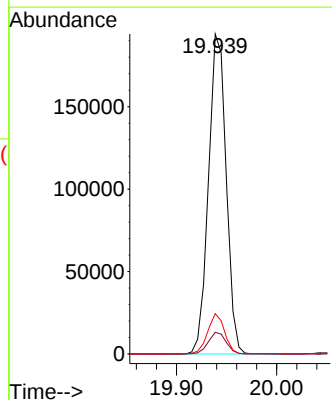
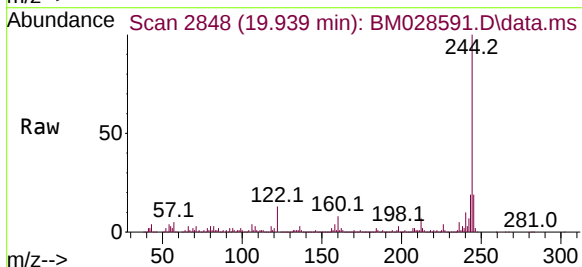
Instrument :
BNA_M
ClientSampleId :
CRT-15

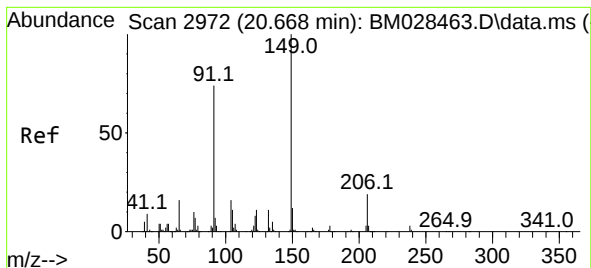
Tgt Ion:	202	Resp:	145841
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.6	24.8
203	17.9	13.8	20.6



#79
Terphenyl-d14
Concen: 33.64 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:	244	Resp:	238476
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.6	6.5	9.7#

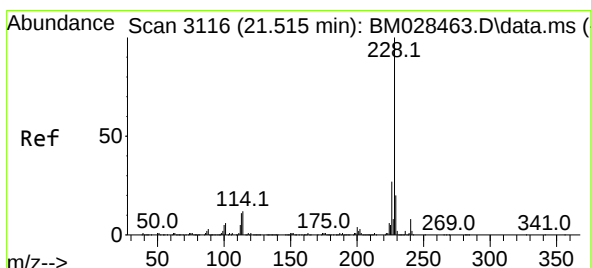
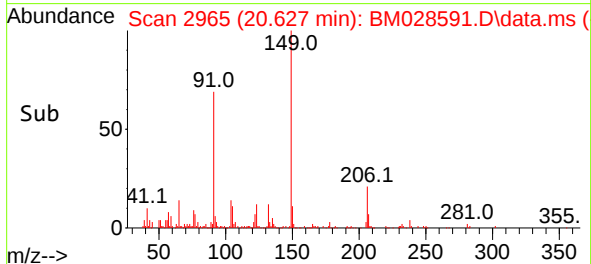
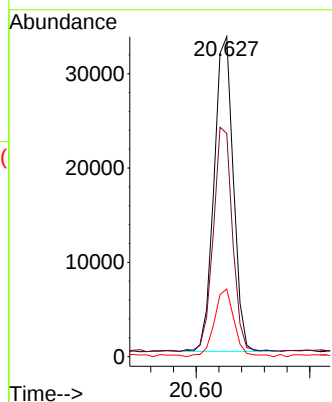
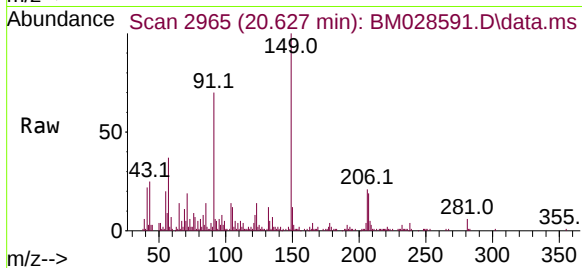




#80
Butylbenzylphthalate
Concen: 9.72 ng
RT: 20.627 min Scan# 2965
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

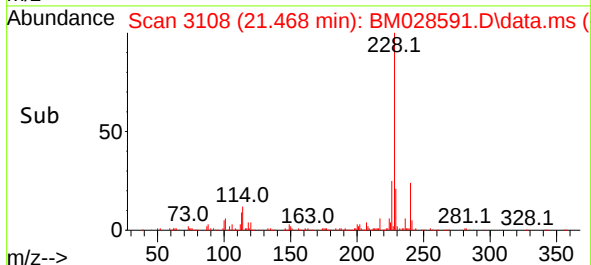
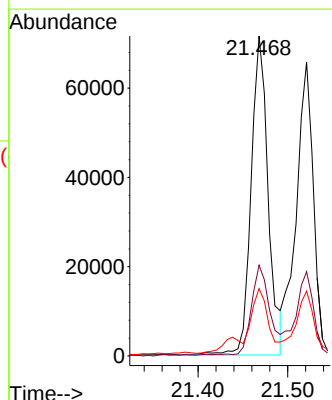
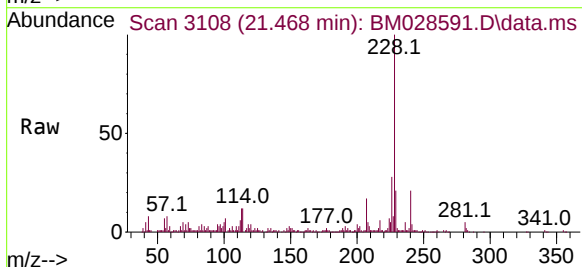
Instrument :
BNA_M
ClientSampleId :
CRT-15

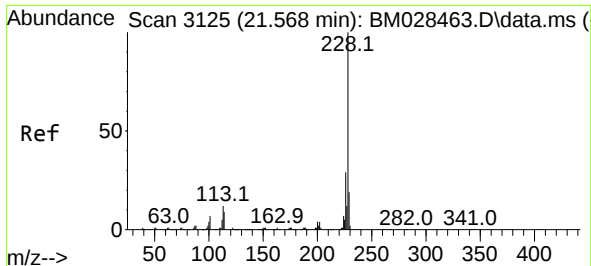
Tgt Ion:149 Resp: 39336
Ion Ratio Lower Upper
149 100
91 69.7 58.1 87.1
206 21.1 18.7 28.1



#81
Benzo(a)anthracene
Concen: 10.66 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:228 Resp: 94242
Ion Ratio Lower Upper
228 100
226 28.4 21.1 31.7
229 21.0 15.7 23.5

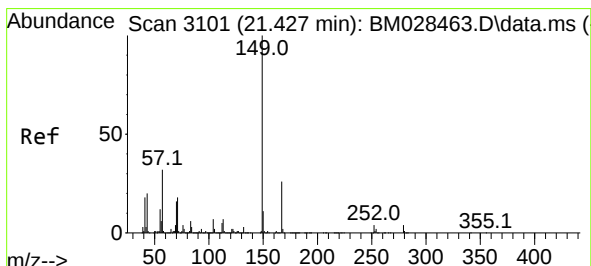
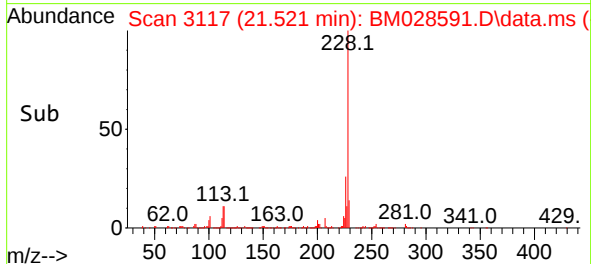
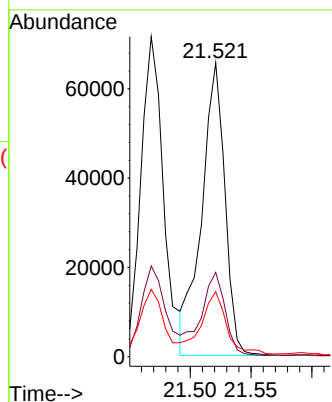
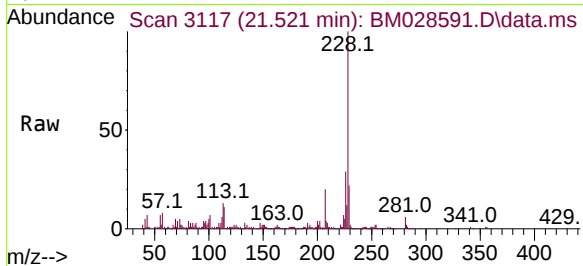




#83
Chrysene
Concen: 10.25 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

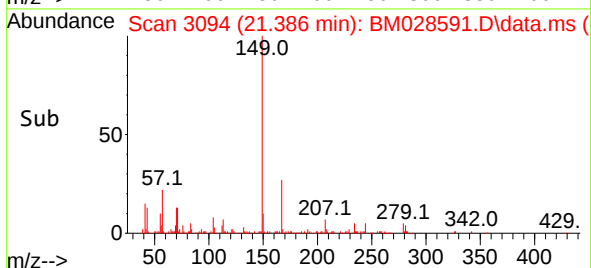
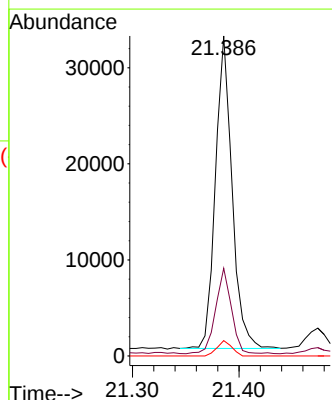
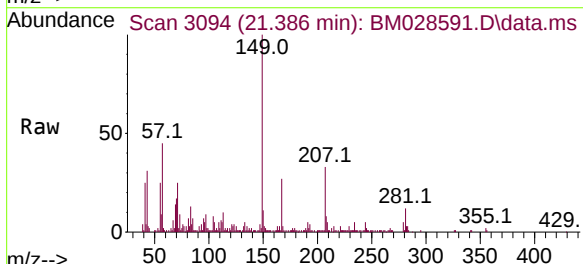
Instrument :
BNA_M
ClientSampleId :
CRT-15

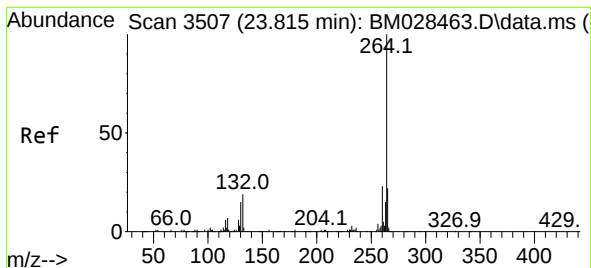
Tgt Ion:228	Resp:	87437
Ion Ratio	Lower	Upper
228	100	
226	28.7	23.4 35.0
229	22.1	15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.17 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:149	Resp:	35310
Ion Ratio	Lower	Upper
149	100	
167	27.4	22.7 34.1
279	4.8	4.0 6.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.750 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BM028591.D

Acq: 28 Jan 2021 17:20

Tgt Ion:264 Resp: 132208

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

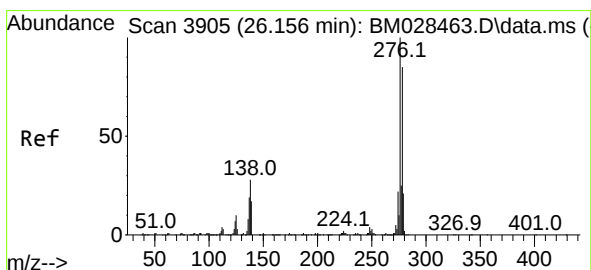
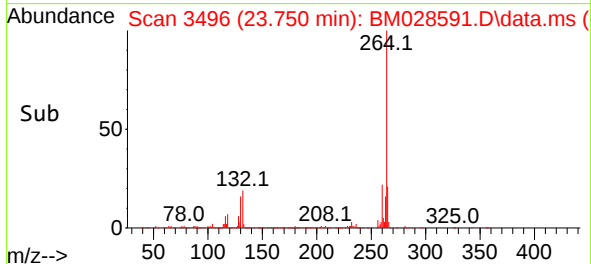
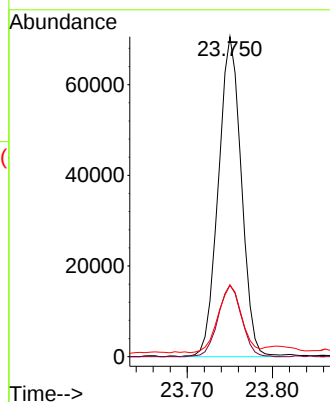
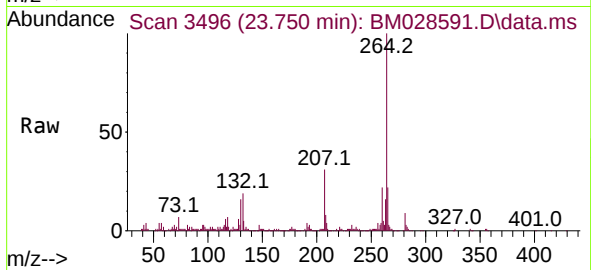
265 22.3 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

CRT-15



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.73 ng

RT: 26.050 min Scan# 3887

Delta R.T. -0.018 min

Lab File: BM028591.D

Acq: 28 Jan 2021 17:20

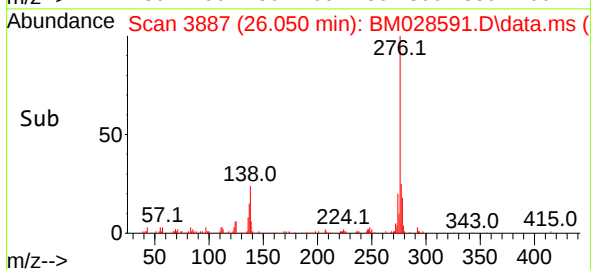
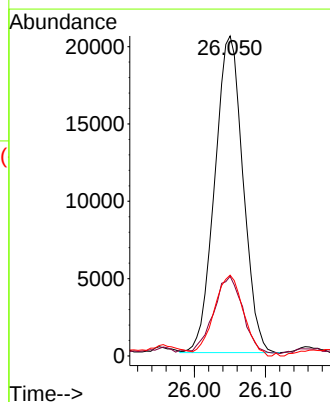
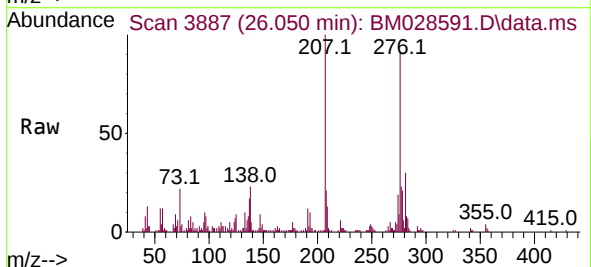
Tgt Ion:276 Resp: 56462

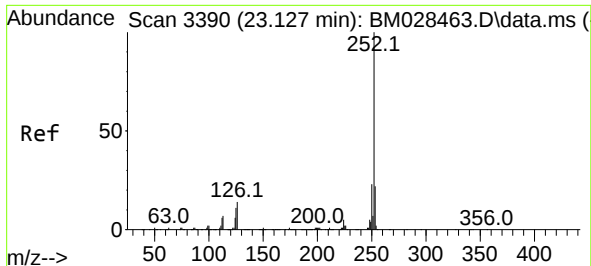
Ion Ratio Lower Upper

276 100

138 25.3 14.2 21.4#

277 26.6 19.8 29.8

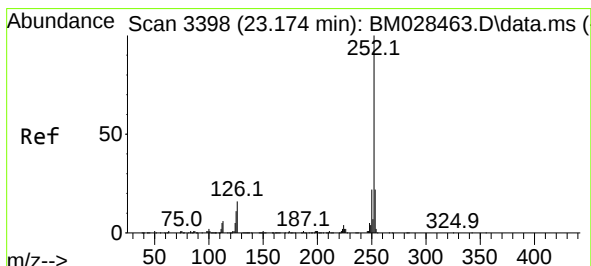
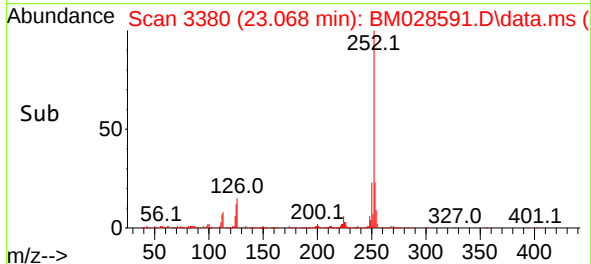
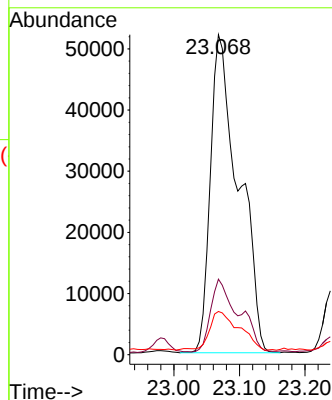
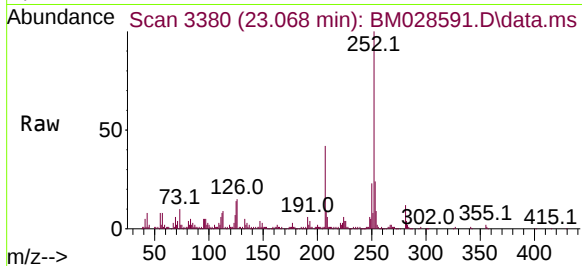




#88
Benzo(b)fluoranthene
Concen: 17.36 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

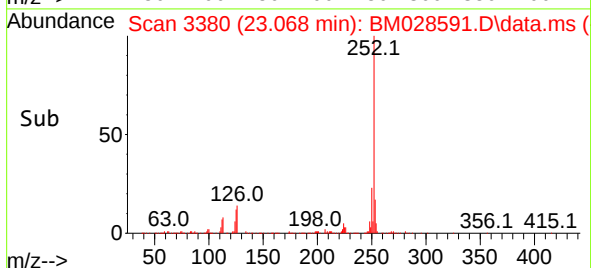
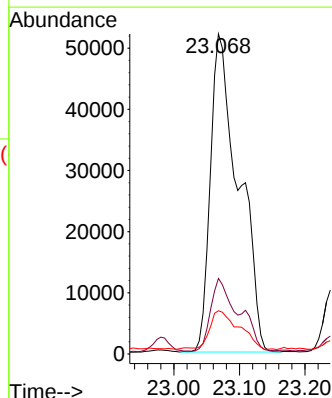
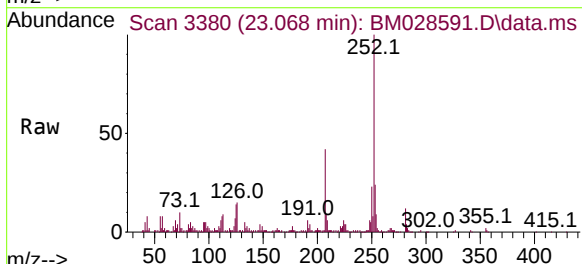
Instrument :
BNA_M
ClientSampleId :
CRT-15

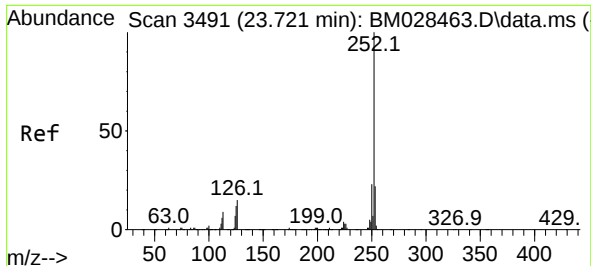
Tgt Ion:252 Resp: 155802
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 13.5 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 17.78 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.047 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:252 Resp: 155802
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 13.5 5.6 8.4#

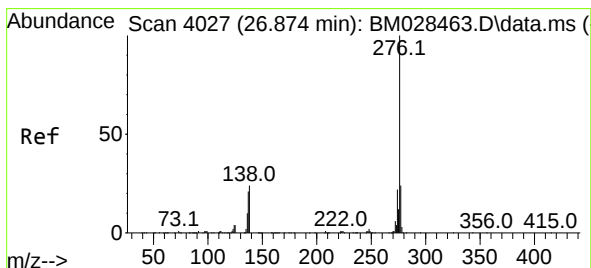
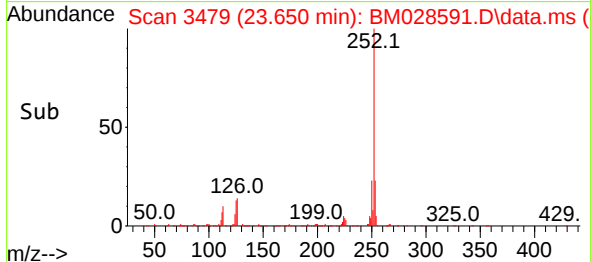
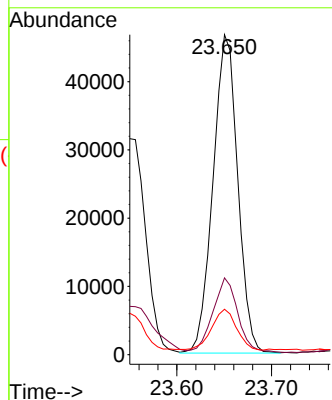
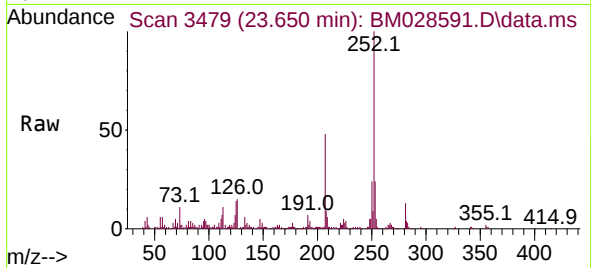




#90
Benzo(a)pyrene
Concen: 10.17 ng
RT: 23.650 min Scan# 3479
Delta R.T. -0.006 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Instrument :
BNA_M
ClientSampleId :
CRT-15

Tgt Ion:252 Resp: 84576
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 14.2 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 6.90 ng
RT: 26.762 min Scan# 4008
Delta R.T. -0.012 min
Lab File: BM028591.D
Acq: 28 Jan 2021 17:20

Tgt Ion:276 Resp: 55317
Ion Ratio Lower Upper
276 100
277 23.9 18.6 28.0
138 25.6 12.2 18.2#

