

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028590.D
 Acq On : 28 Jan 2021 16:44
 Operator : CG/JU
 Sample : M1251-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 400024

Quant Time: Jan 28 17:33:34 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)

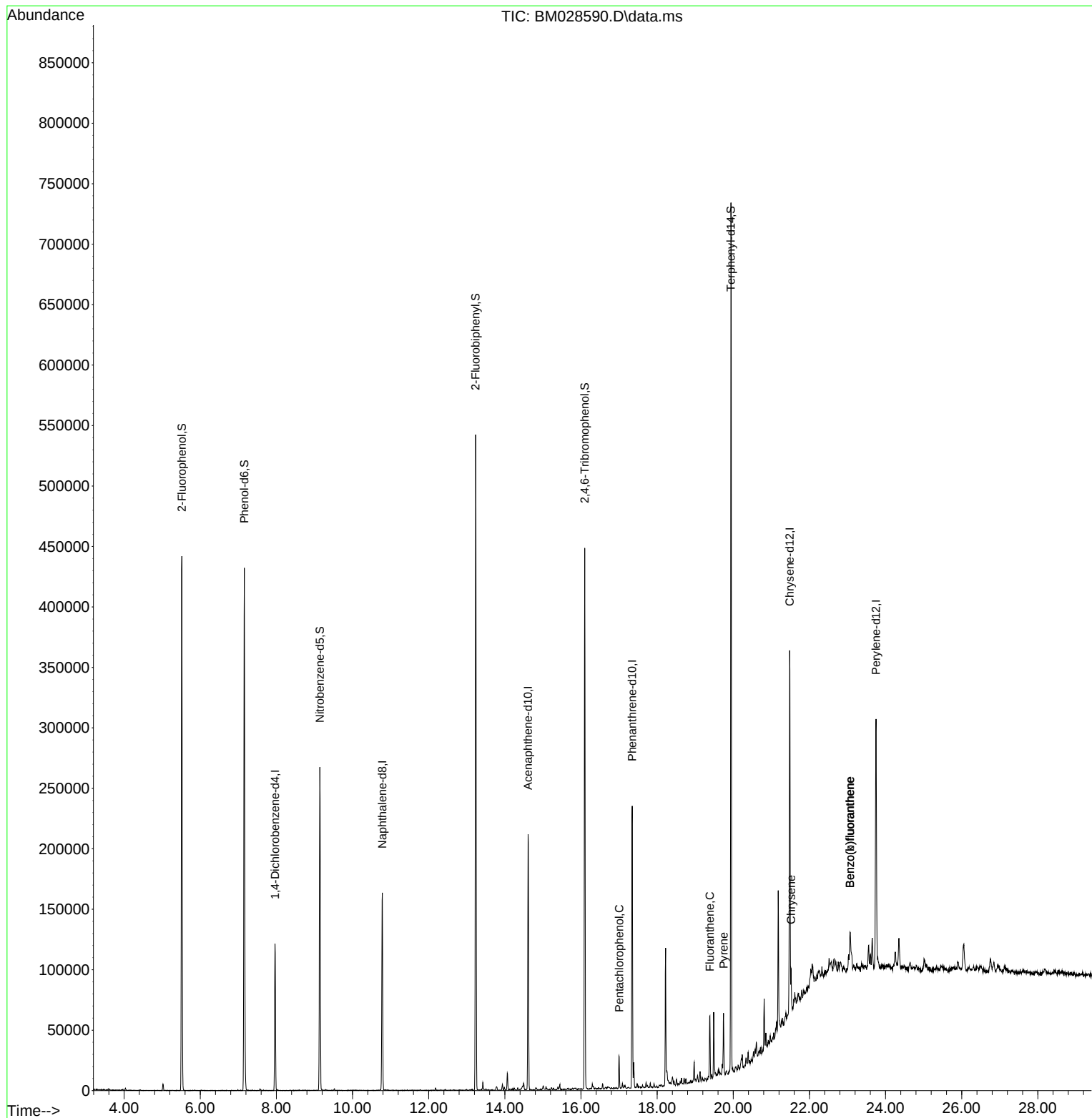
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	33123	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	132551	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	70449	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	134429	20.00	ng	0.00
76) Chrysene-d12	21.480	240	127195	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	130831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	184095	87.80	ng	-0.02
7) Phenol-d6	7.157	99	232739	81.52	ng	-0.03
23) Nitrobenzene-d5	9.139	82	143016	51.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	75758	81.16	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	269336	47.97	ng	0.00
79) Terphenyl-d14	19.939	244	295436	41.94	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	17.004	266	5056	5.01	ng	98
75) Fluoranthene	19.386	202	28277	3.05	ng	98
78) Pyrene	19.745	202	27928	3.06	ng	98
83) Chrysene	21.521	228	18776	2.21	ng	96
88) Benzo(b)fluoranthene	23.068	252	22916	2.58	ng	# 89
89) Benzo(k)fluoranthene	23.068	252	22916	2.64	ng	# 89

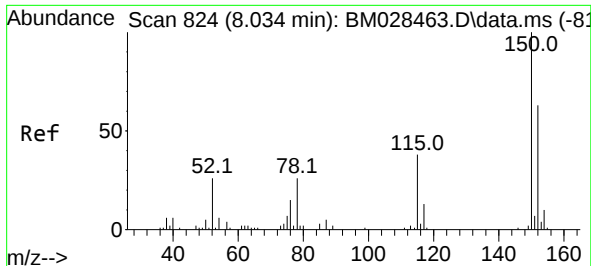
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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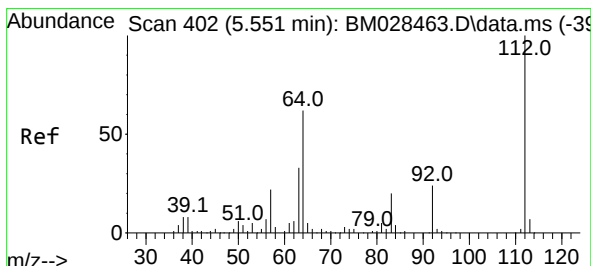
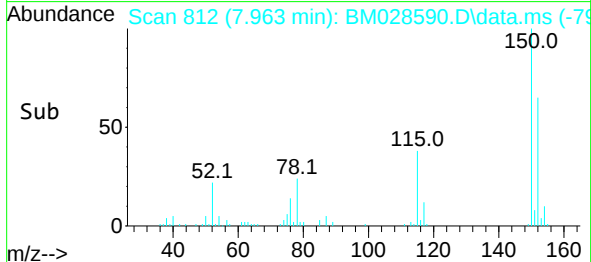
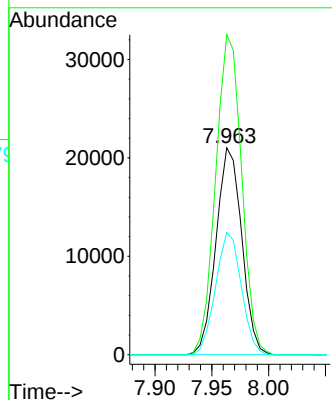
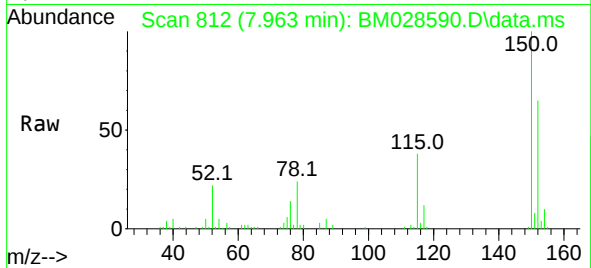




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

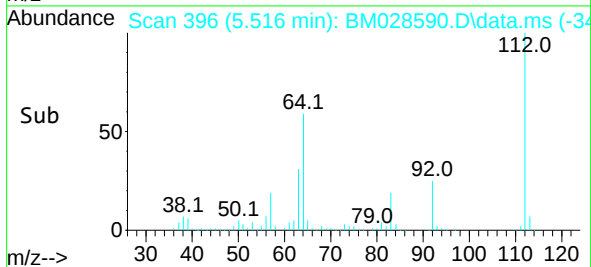
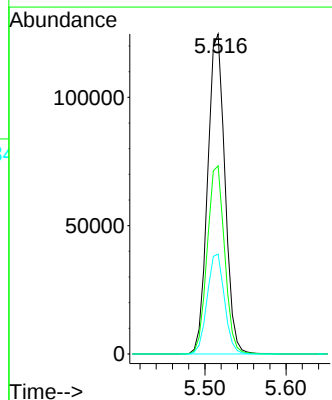
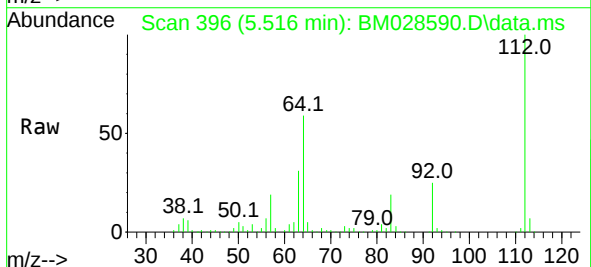
Instrument :
BNA_M
ClientSampled :
400024

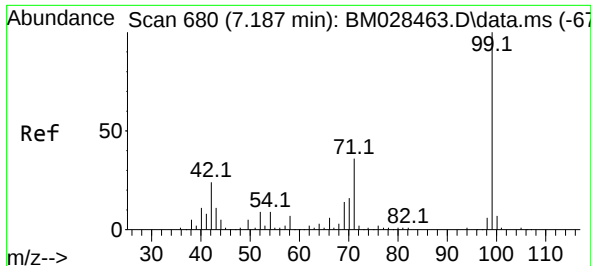
Tgt Ion:152 Resp: 33123
Ion Ratio Lower Upper
152 100
150 154.6 120.6 181.0
115 59.2 47.2 70.8



#5
2-Fluorophenol
Concen: 87.80 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:112 Resp: 184095
Ion Ratio Lower Upper
112 100
64 58.8 50.6 76.0
63 31.2 31.0 46.6

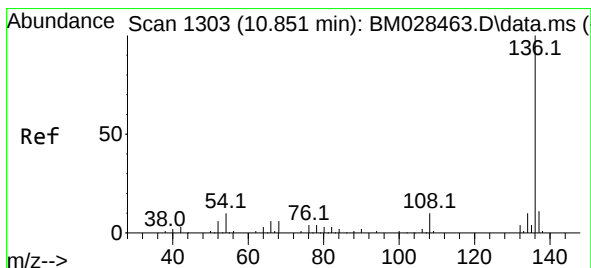
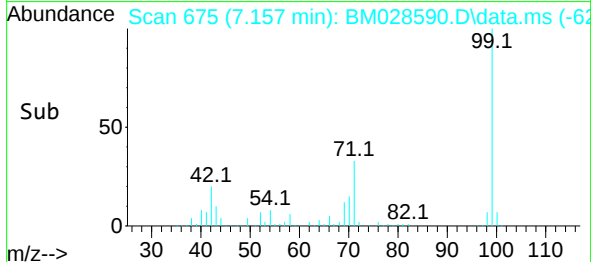
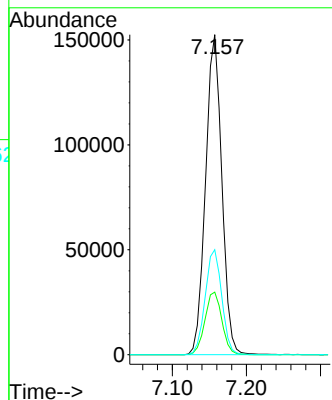
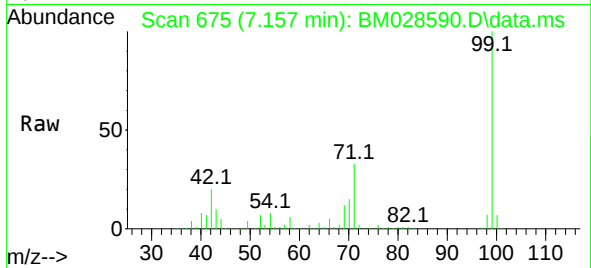




#7
Phenol-d6
Concen: 81.52 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

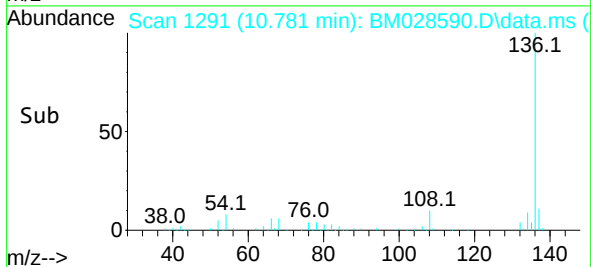
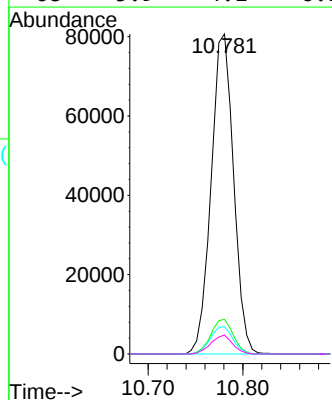
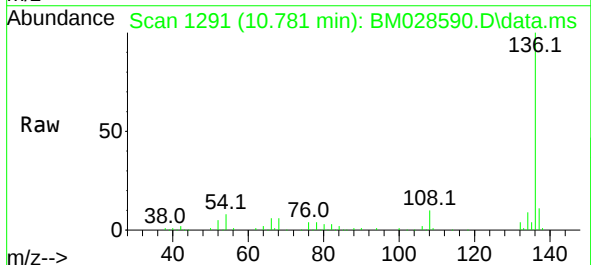
Instrument :
BNA_M
ClientSampled :
400024

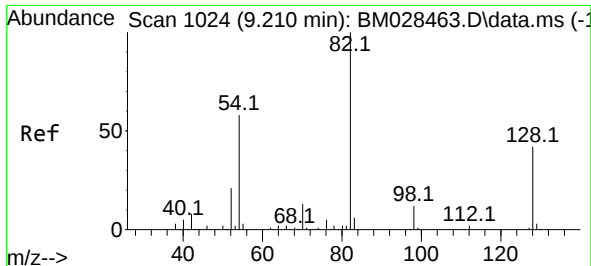
Tgt Ion: 99 Resp: 232739
Ion Ratio Lower Upper
99 100
42 19.5 13.5 20.3
71 32.8 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion: 136 Resp: 132551
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.5 4.6 7.0#
68 5.9 4.1 6.1

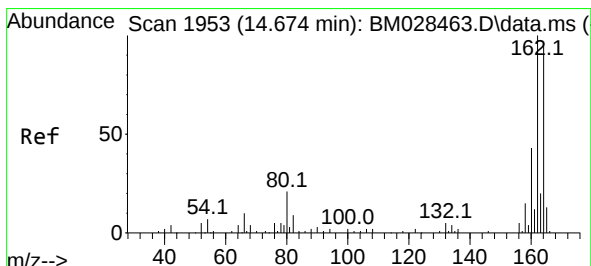
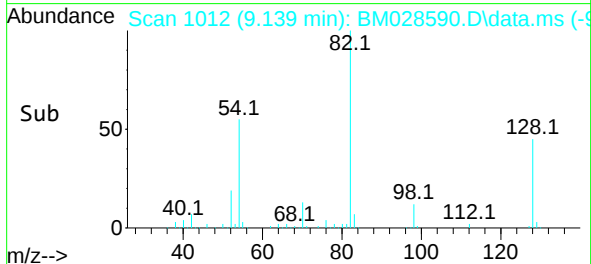
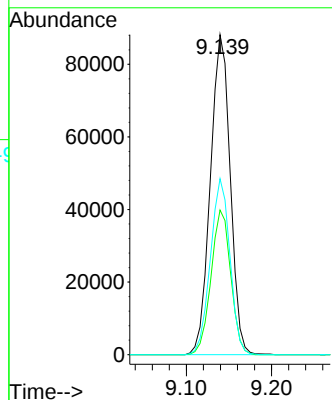
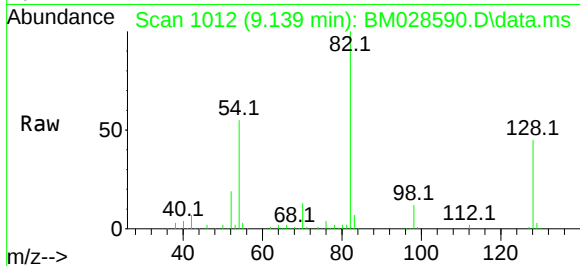




#23
Nitrobenzene-d5
Concen: 51.17 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

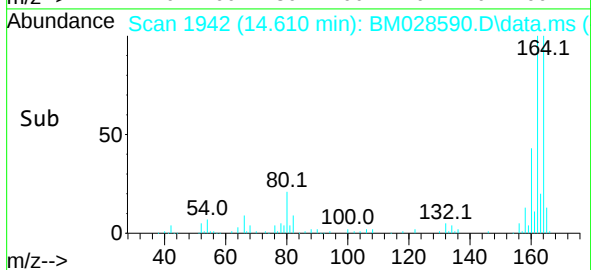
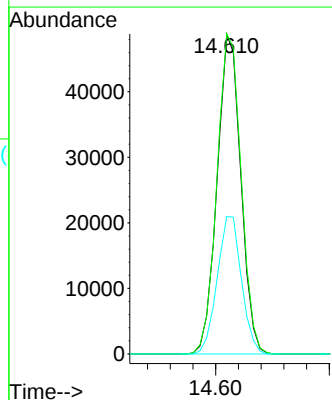
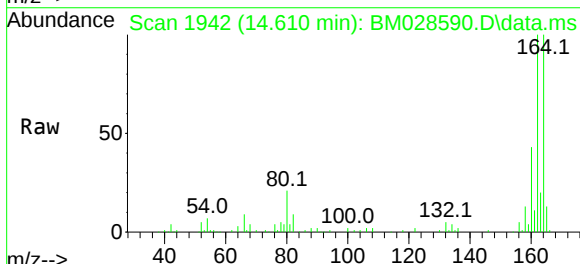
Instrument :
BNA_M
ClientSampled :
400024

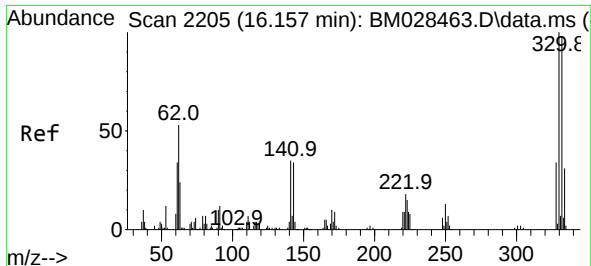
Tgt Ion: 82 Resp: 143016
Ion Ratio Lower Upper
82 100
128 45.2 27.4 41.0#
54 55.0 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

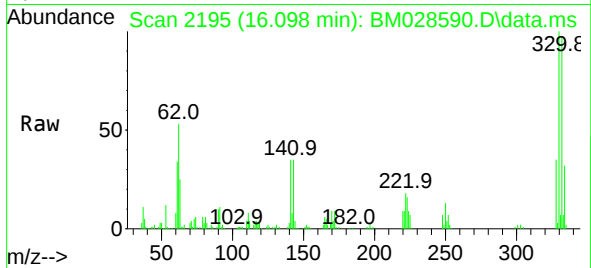
Tgt Ion:164 Resp: 70449
Ion Ratio Lower Upper
164 100
162 100.1 80.4 120.6
160 43.0 35.9 53.9



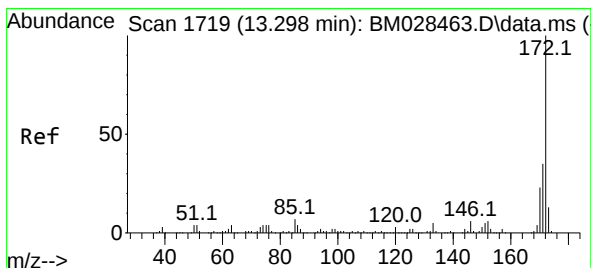
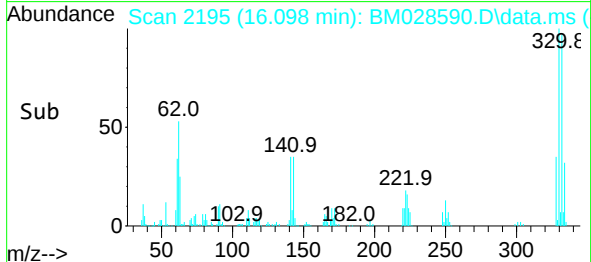
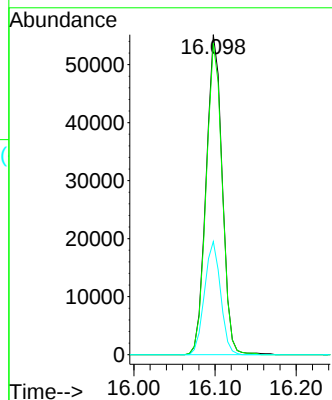


#42
2,4,6-Tribromophenol
Concen: 81.16 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Instrument :
BNA_M
ClientSampled :
400024

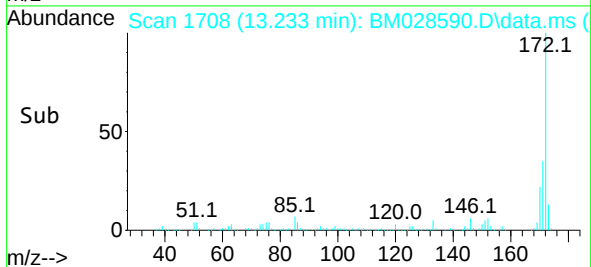
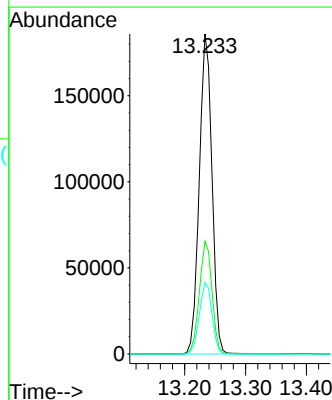
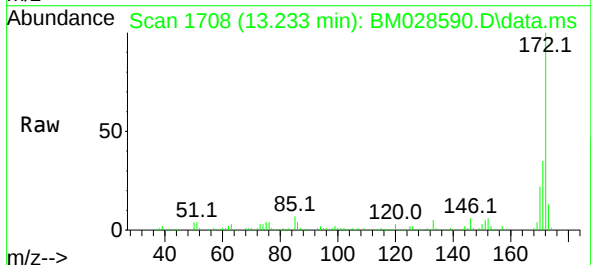


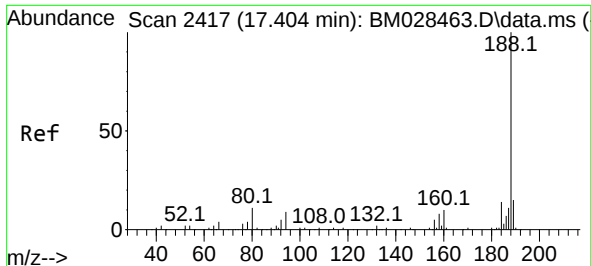
Tgt Ion:330 Resp: 75758
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 35.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 47.97 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:172 Resp: 269336
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 22.3 18.6 27.8

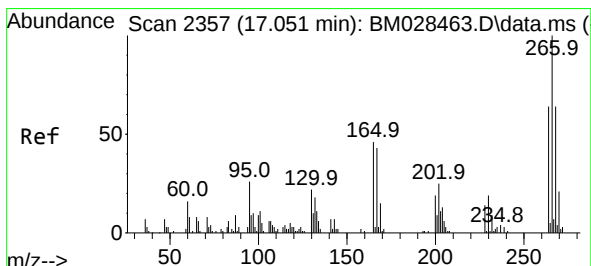
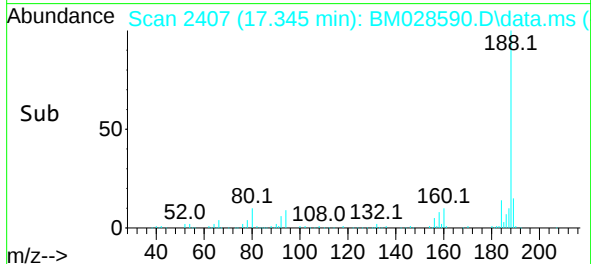
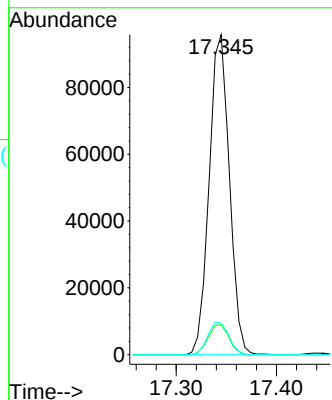
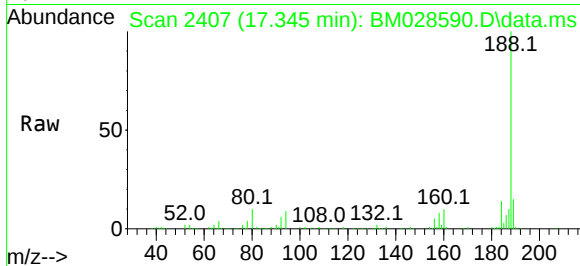




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

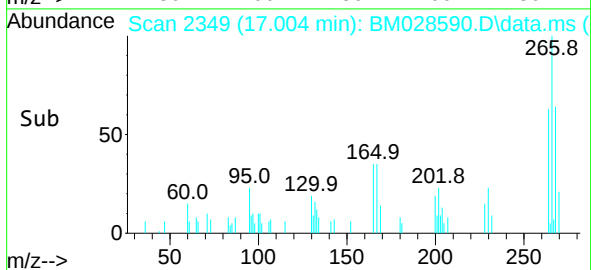
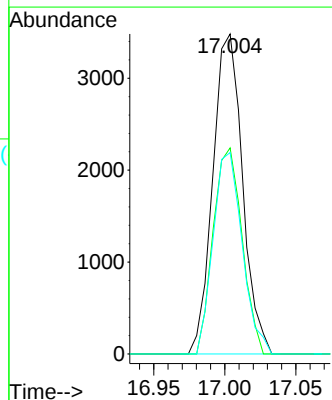
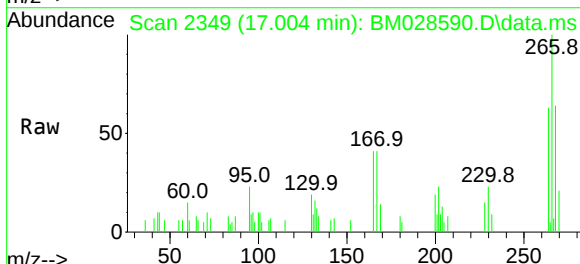
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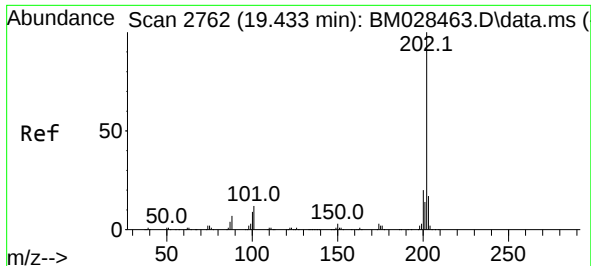
Tgt Ion:188 Resp: 134429
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.4
80 9.9 7.5 11.3



#70
Pentachlorophenol
Concen: 5.01 ng
RT: 17.004 min Scan# 2349
Delta R.T. -0.012 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:266 Resp: 5056
Ion Ratio Lower Upper
266 100
268 64.4 49.9 74.9
264 63.0 50.6 76.0

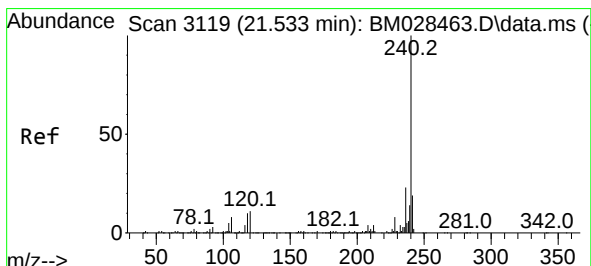
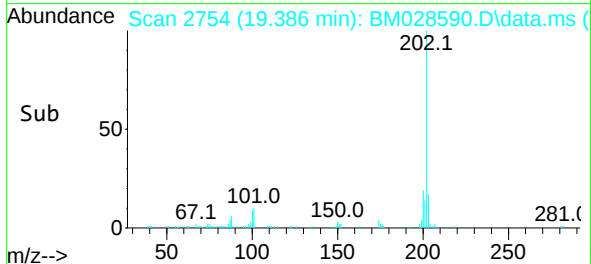
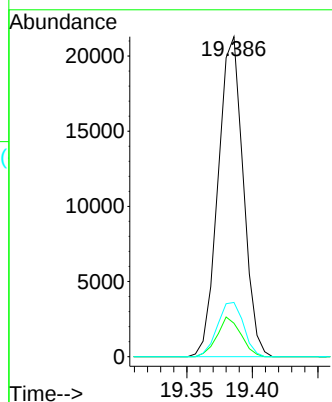
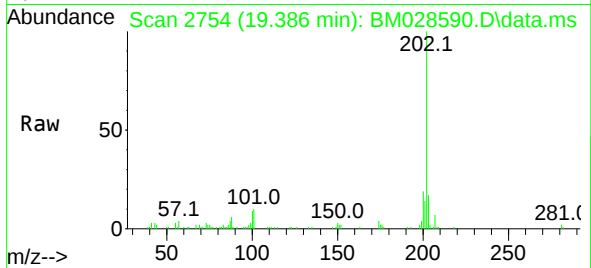




#75
Fluoranthene
Concen: 3.05 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

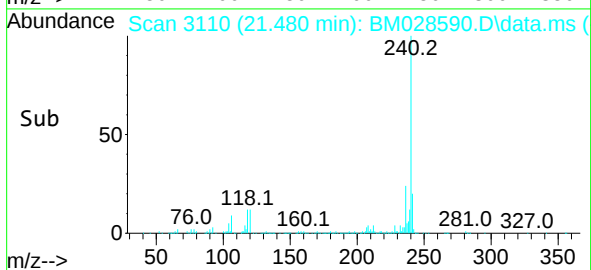
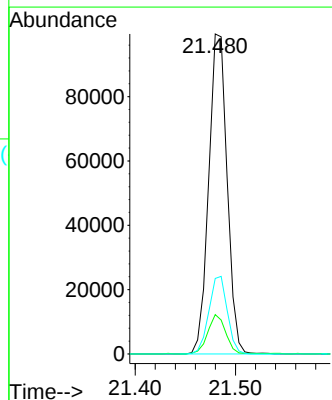
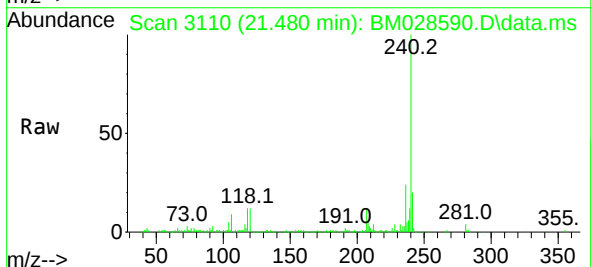
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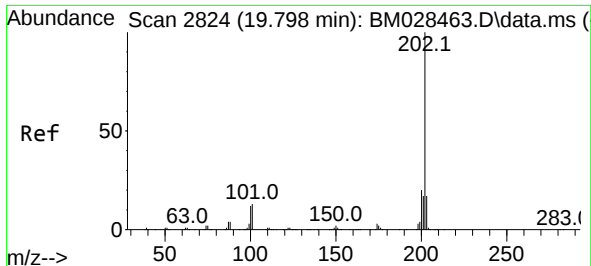
Tgt Ion:	202	Resp:	28277
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	28.5
203	17.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:	240	Resp:	127195
Ion Ratio	Lower	Upper	
240	100		
120	12.3	6.4	9.6#
236	23.6	20.1	30.1

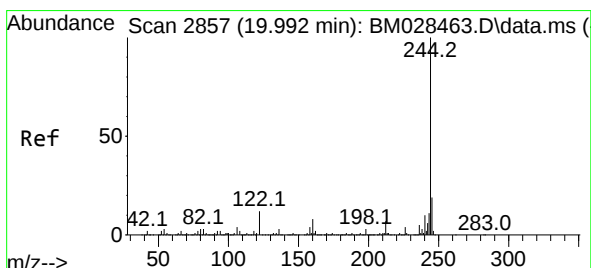
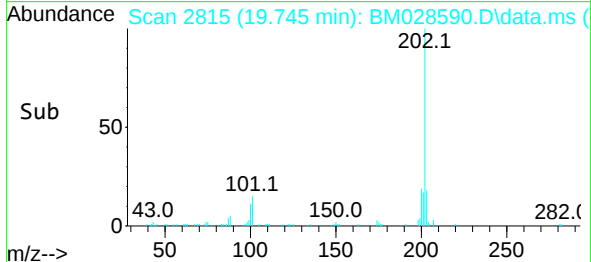
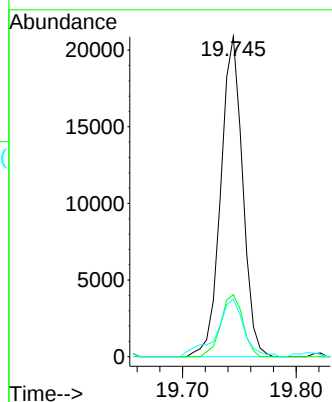
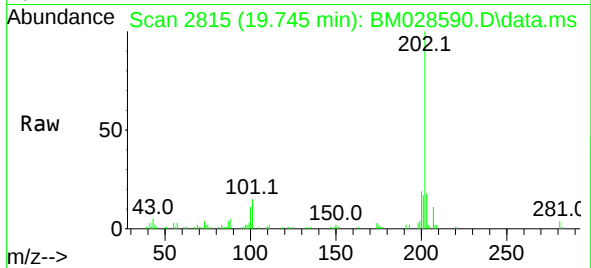




#78
Pyrene
Concen: 3.06 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

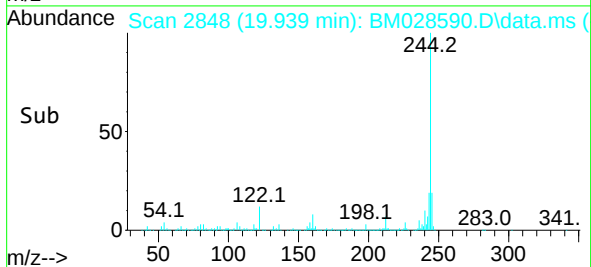
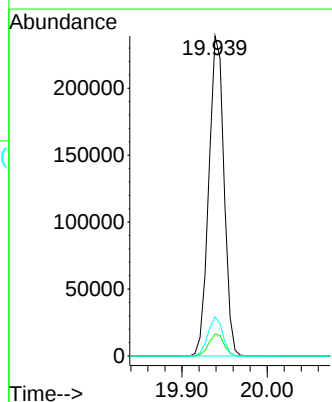
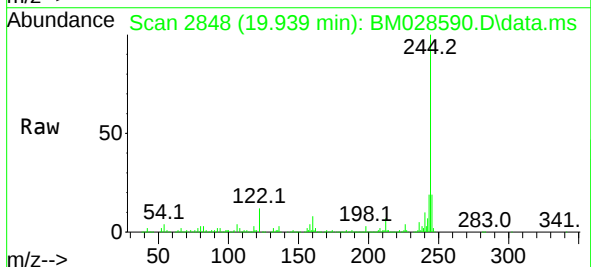
Instrument :
BNA_M
ClientSampled :
400024

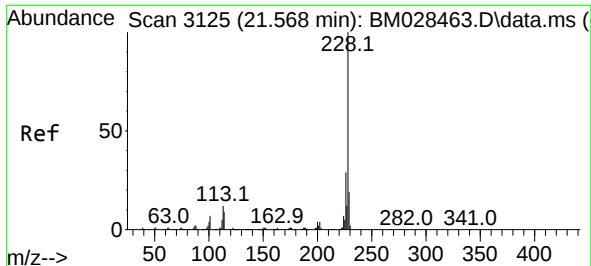
Tgt Ion:	202	Resp:	27928
Ion Ratio	Lower	Upper	
202	100		
200	19.4	16.6	24.8
203	18.0	13.8	20.6



#79
Terphenyl-d14
Concen: 41.94 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:	244	Resp:	295436
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.3	6.5	9.7#

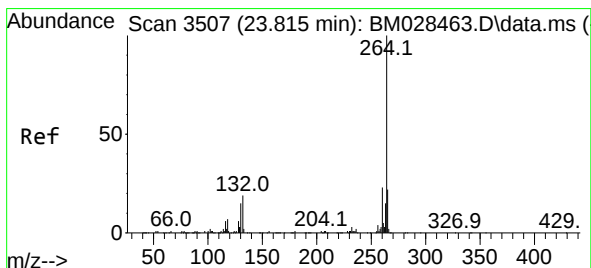
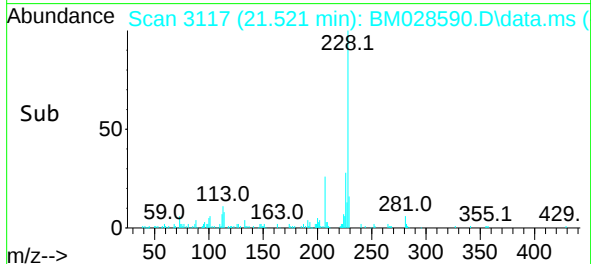
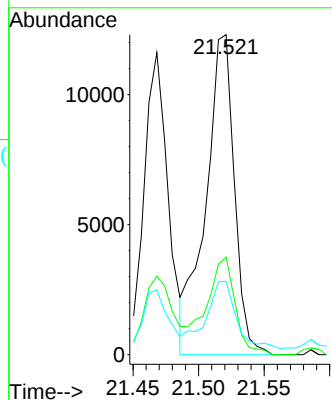
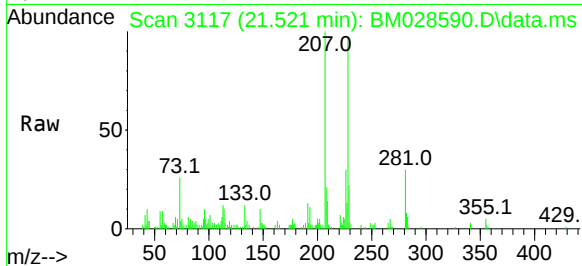




#83
Chrysene
Concen: 2.21 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

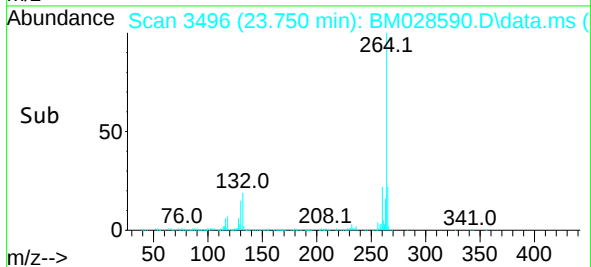
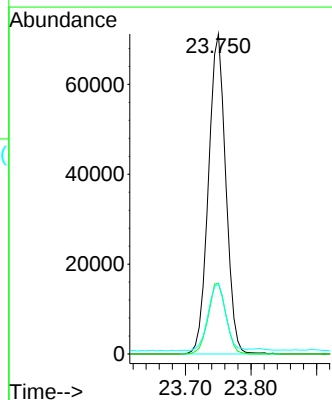
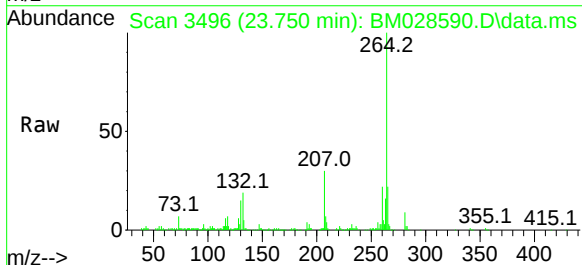
Instrument :
BNA_M
ClientSampleId :
400024

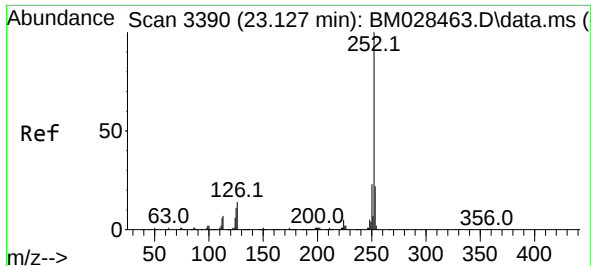
Tgt Ion:228	Resp:	18776
Ion Ratio	Lower	Upper
228	100	
226	30.5	23.4 35.0
229	22.8	15.7 23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:264	Resp:	130831
Ion Ratio	Lower	Upper
264	100	
260	22.1	19.0 28.4
265	22.1	17.7 26.5

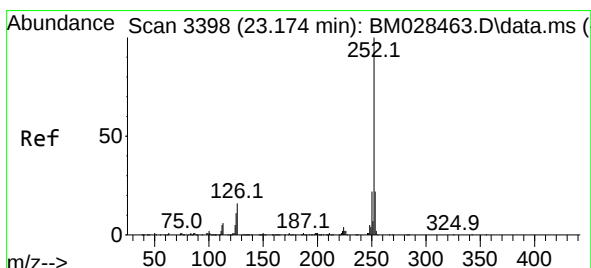
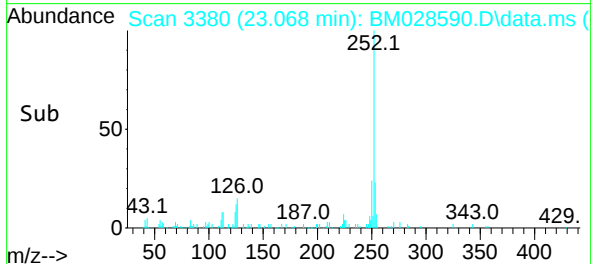
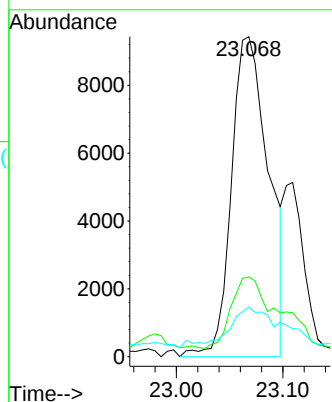
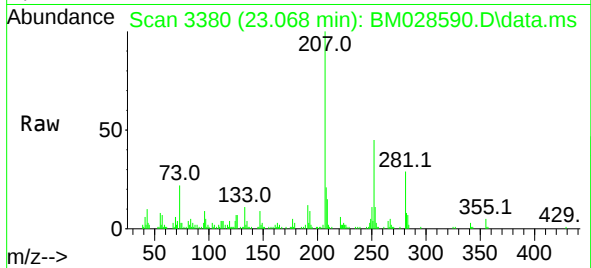




#88
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Instrument :
BNA_M
ClientSampleId :
400024

Tgt Ion:252 Resp: 22916
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 15.6 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 2.64 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.047 min
Lab File: BM028590.D
Acq: 28 Jan 2021 16:44

Tgt Ion:252 Resp: 22916
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 15.6 5.6 8.4#

