

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029718.D
 Acq On : 29 Apr 2021 20:36
 Operator : CG/JU
 Sample : M2199-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-3-COMP

Quant Time: Apr 30 01:08:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

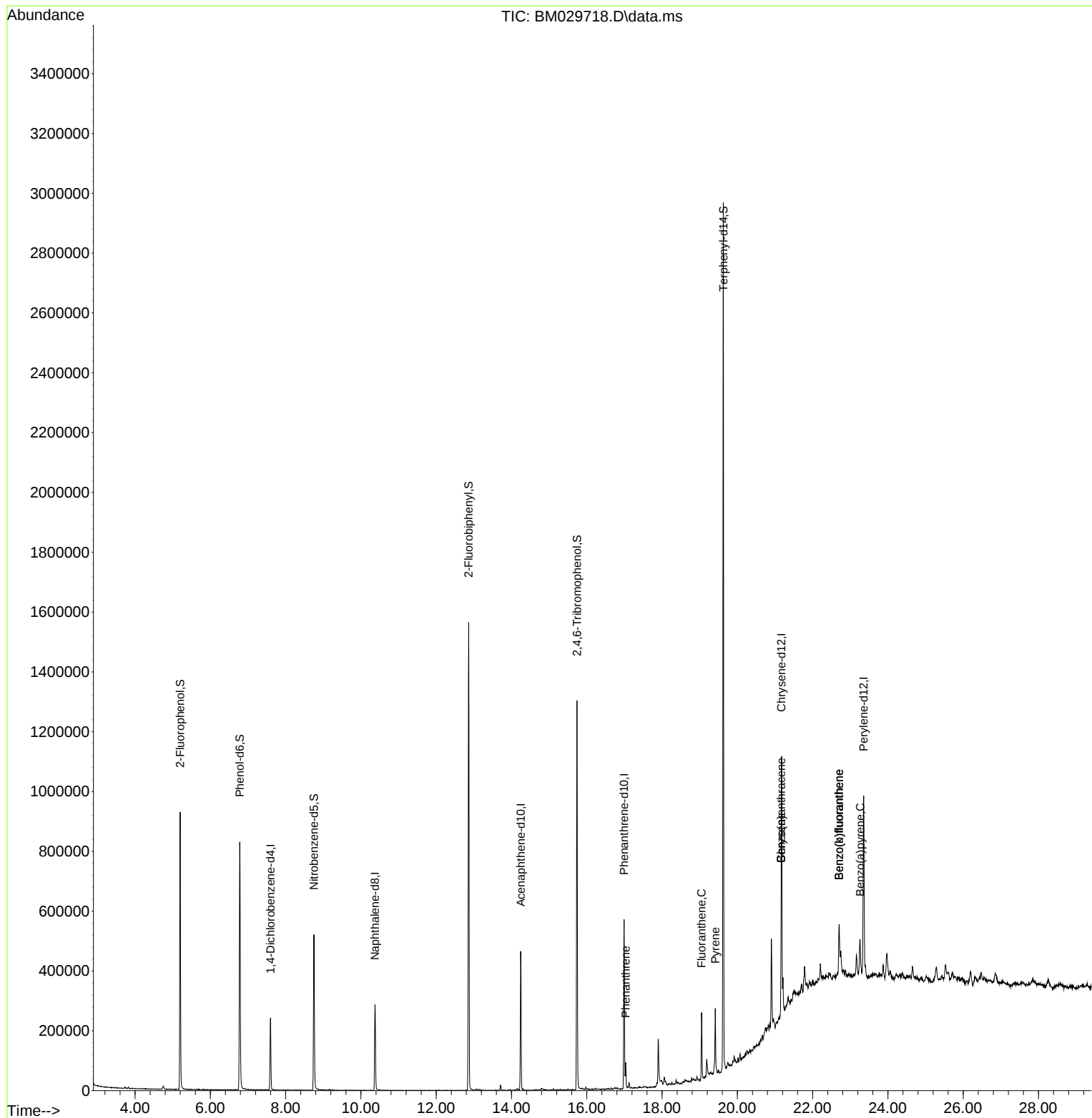
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	70831	20.00	ng	0.00
21) Naphthalene-d8	10.375	136	249878	20.00	ng	0.00
39) Acenaphthene-d10	14.245	164	163840	20.00	ng	0.00
64) Phenanthrene-d10	16.992	188	350901	20.00	ng	0.00
76) Chrysene-d12	21.174	240	400564	20.00	ng	0.00
86) Perylene-d12	23.356	264	432237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.198	112	397368	116.97	ng	0.00
7) Phenol-d6	6.781	99	474617	102.89	ng	0.00
23) Nitrobenzene-d5	8.751	82	309476	71.56	ng	0.00
42) 2,4,6-Tribromophenol	15.739	330	260994	100.34	ng	0.00
45) 2-Fluorobiphenyl	12.863	172	857325	67.86	ng	0.00
79) Terphenyl-d14	19.627	244	1331830	61.03	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.033	178	53654	2.71	ng	98
75) Fluoranthene	19.050	202	138809	5.72	ng	99
78) Pyrene	19.415	202	134953	5.25	ng	98
81) Benzo(a)anthracene	21.162	228	73471	2.82	ng	98
83) Chrysene	21.162	228	73471	2.84	ng	97
88) Benzo(b)fluoranthene	22.703	252	129963	4.55	ng	# 92
89) Benzo(k)fluoranthene	22.703	252	129963	4.69	ng	# 92
90) Benzo(a)pyrene	23.262	252	73876	2.82	ng	# 95

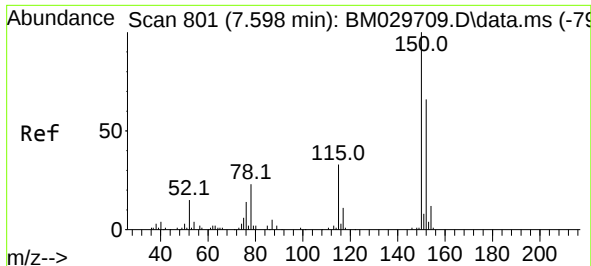
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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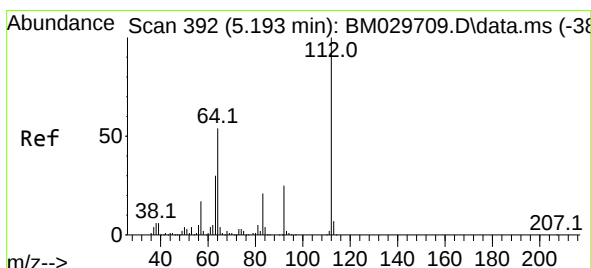
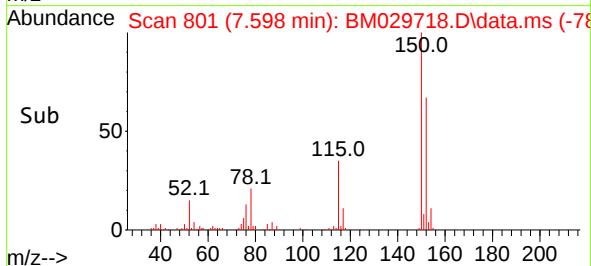
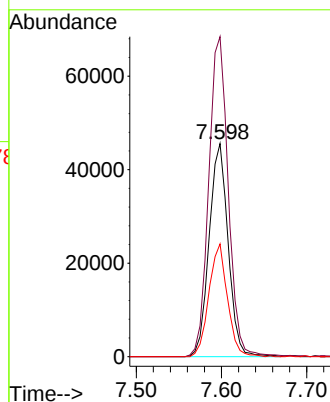
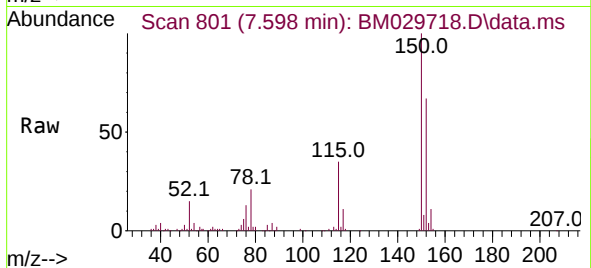




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.598 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

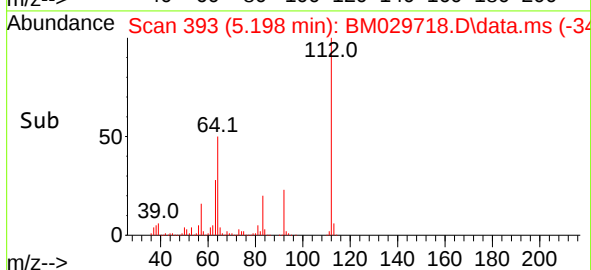
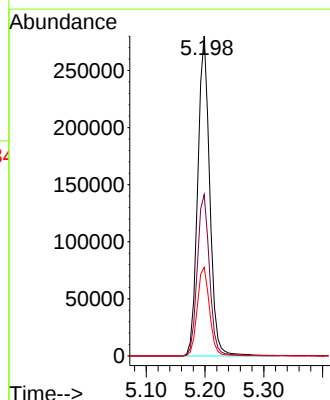
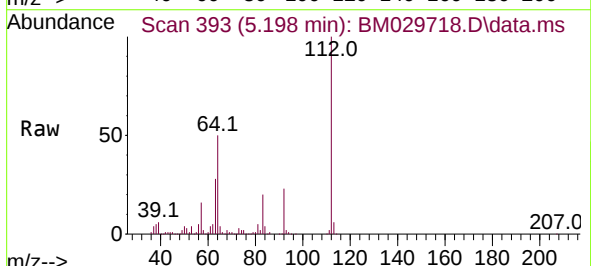
Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

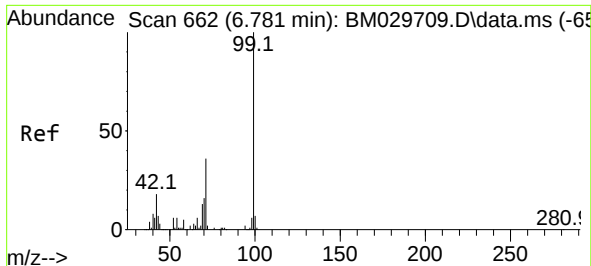
Tgt Ion:152 Resp: 70831
Ion Ratio Lower Upper
152 100
150 150.1 125.9 188.9
115 52.9 44.6 67.0



#5
2-Fluorophenol
Concen: 116.97 ng
RT: 5.198 min Scan# 393
Delta R.T. 0.006 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:112 Resp: 397368
Ion Ratio Lower Upper
112 100
64 50.4 47.1 70.7
63 27.7 27.3 40.9

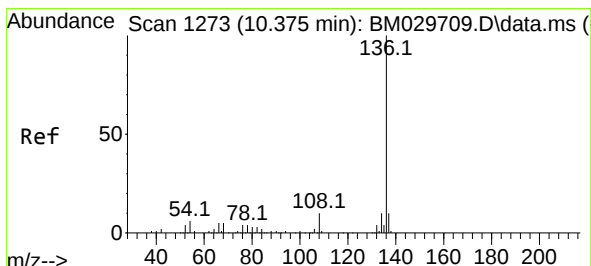
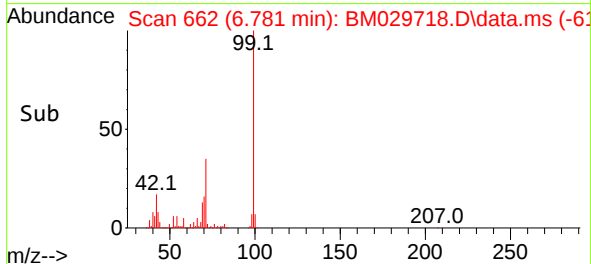
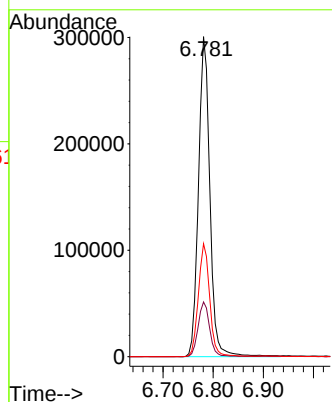
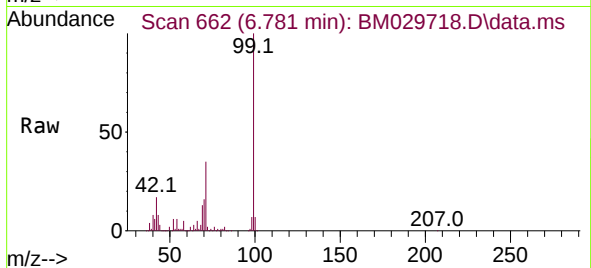




#7
Phenol-d6
Concen: 102.89 ng
RT: 6.781 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

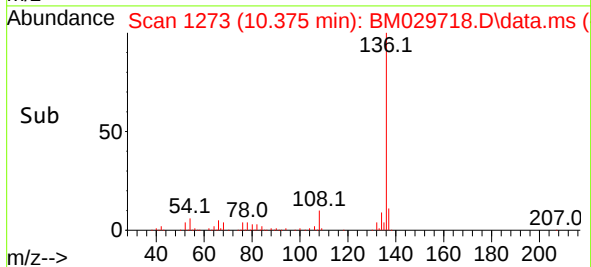
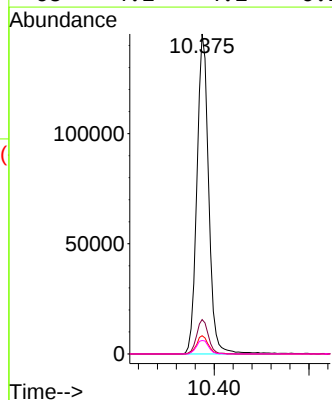
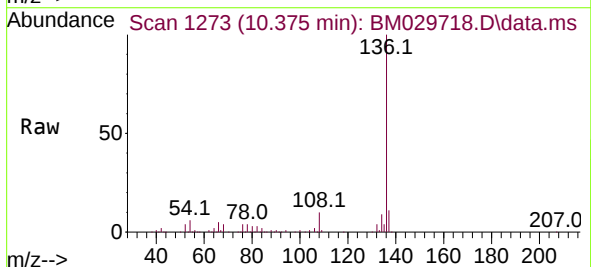
Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

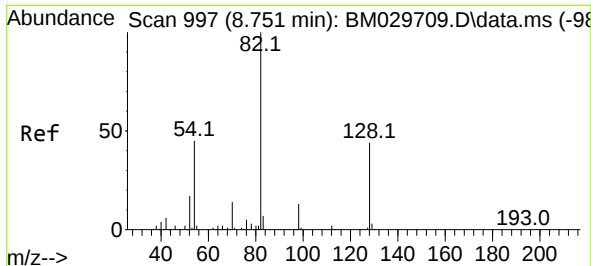
Tgt Ion: 99 Resp: 474617
Ion Ratio Lower Upper
99 100
42 17.1 18.0 27.0#
71 35.3 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.375 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:136 Resp: 249878
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 5.7 5.5 8.3
68 4.2 4.2 6.2

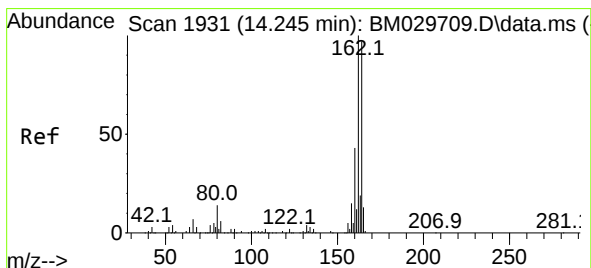
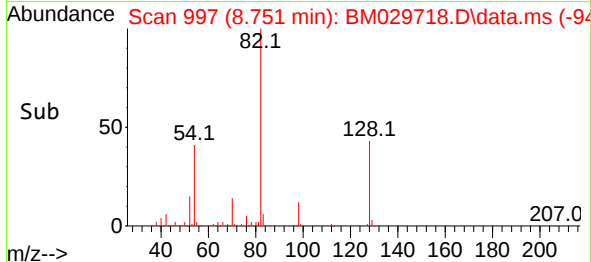
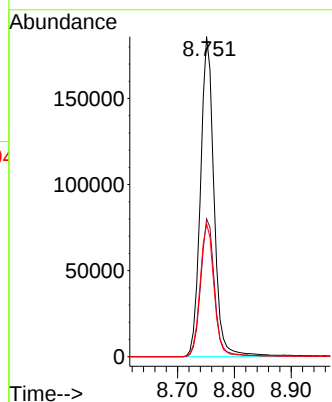
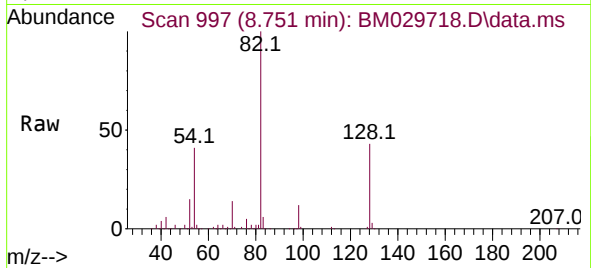




#23
Nitrobenzene-d5
Concen: 71.56 ng
RT: 8.751 min Scan# 997
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

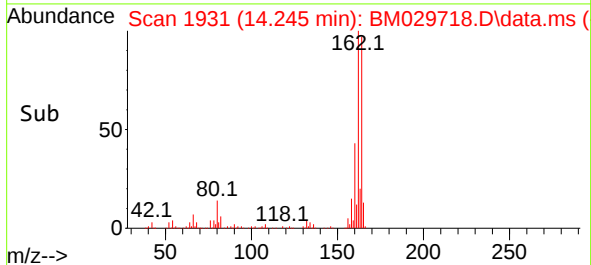
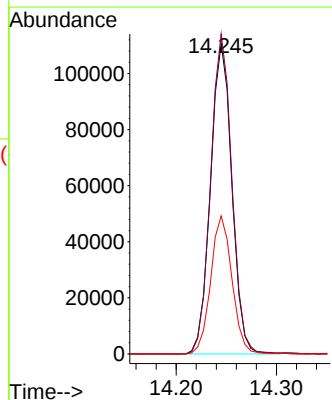
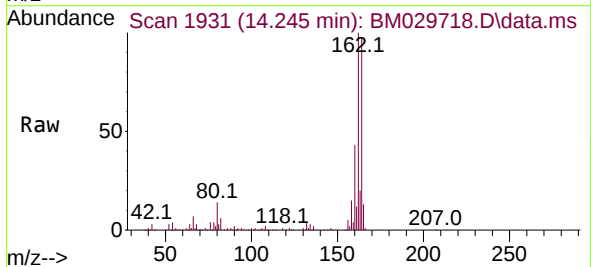
Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

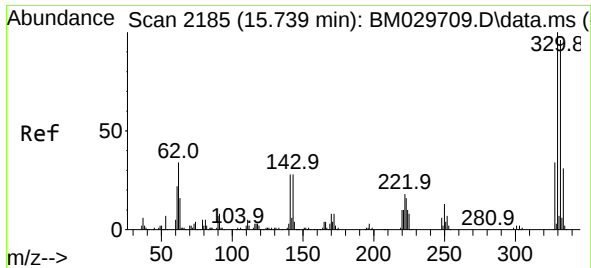
Tgt Ion: 82 Resp: 309476
Ion Ratio Lower Upper
82 100
128 43.0 31.1 46.7
54 41.4 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion: 164 Resp: 163840
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 44.4 37.2 55.8

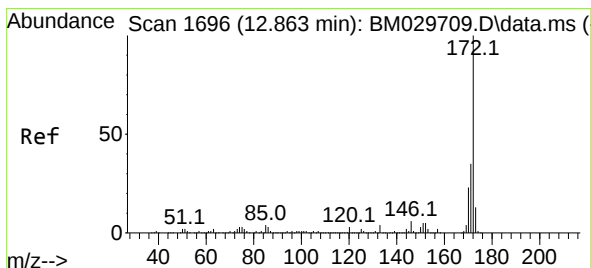
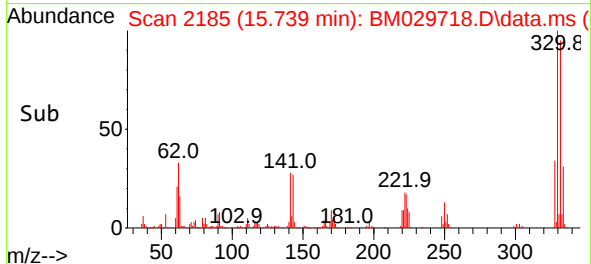
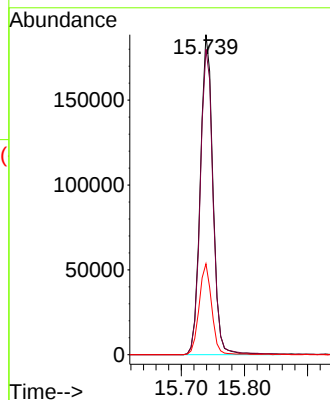
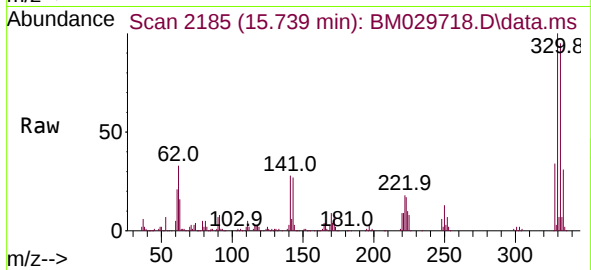




#42
2,4,6-Tribromophenol
Concen: 100.34 ng
RT: 15.739 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

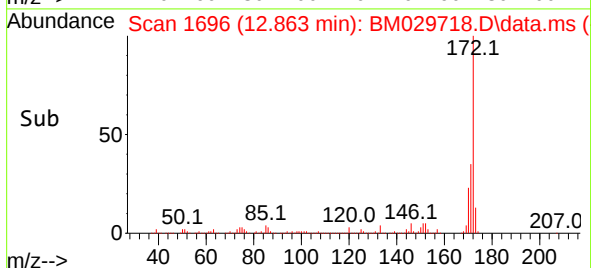
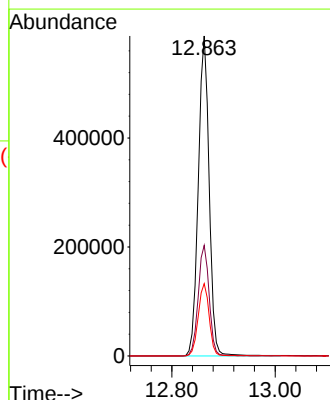
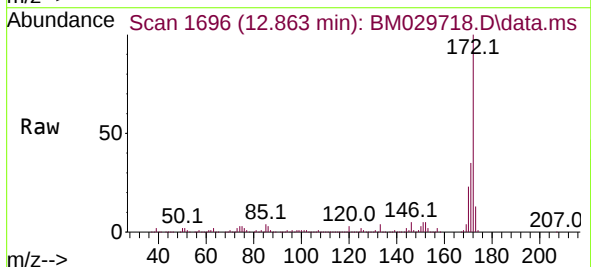
Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

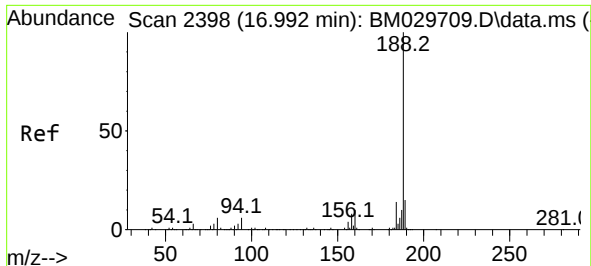
Tgt Ion:330 Resp: 260994
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 28.3 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 67.86 ng
RT: 12.863 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:172 Resp: 857325
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.6 18.4 27.6

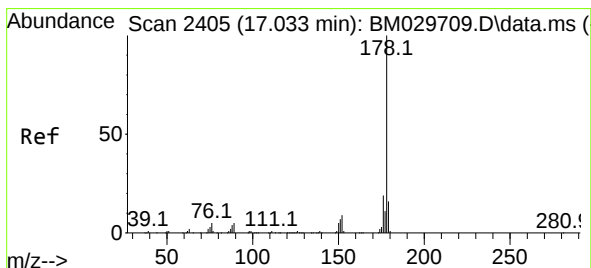
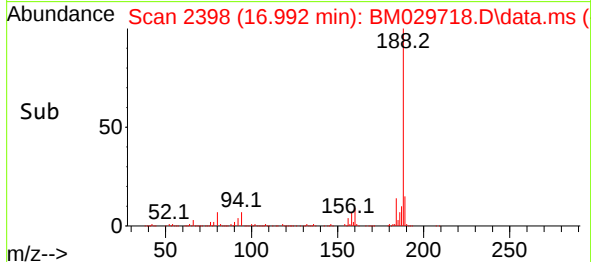
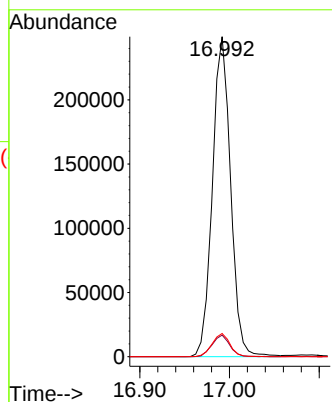
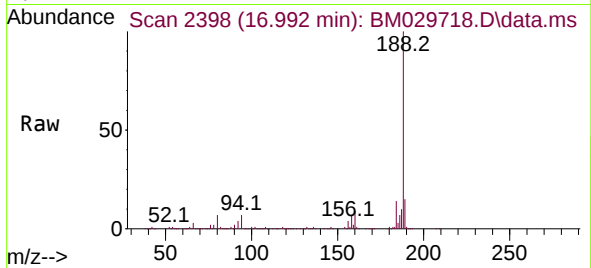




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.992 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

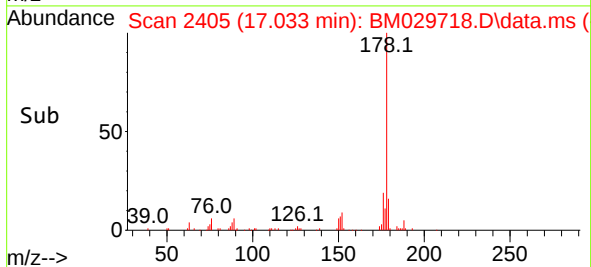
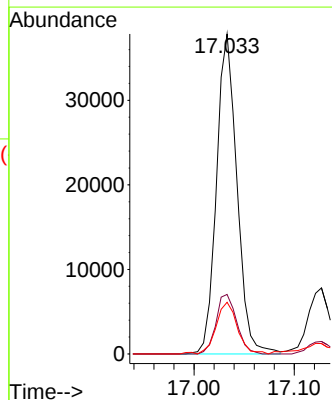
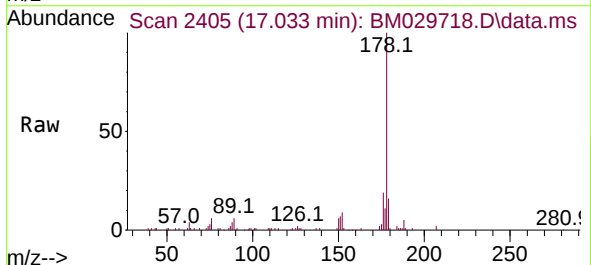
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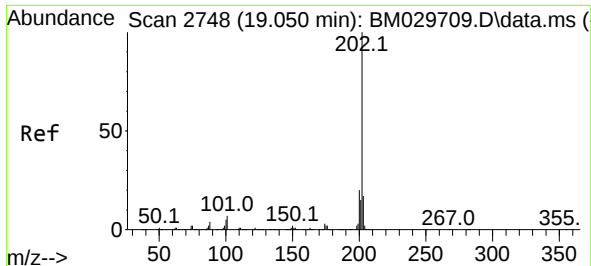
Tgt Ion:188 Resp: 350901
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.3 6.6 9.8



#71
Phenanthrene
Concen: 2.71 ng
RT: 17.033 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:178 Resp: 53654
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 16.1 12.2 18.4

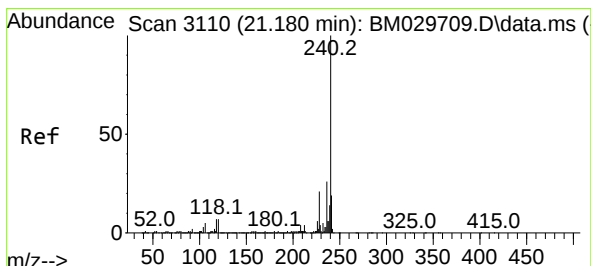
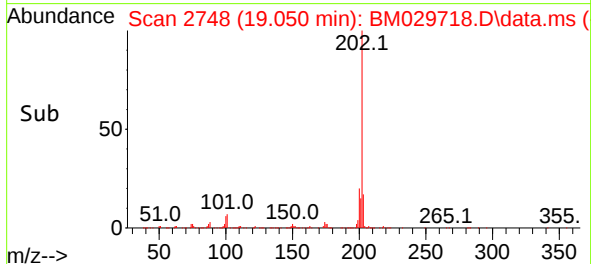
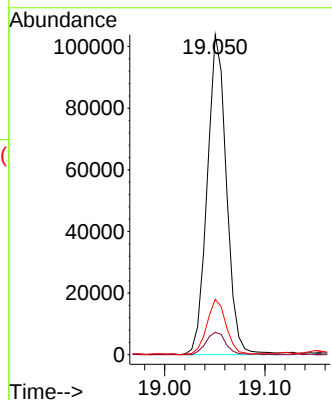
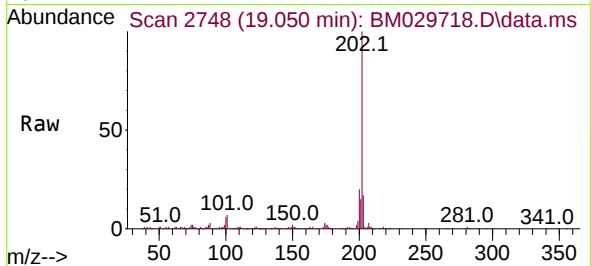




#75
Fluoranthene
Concen: 5.72 ng
RT: 19.050 min Scan# 2748
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

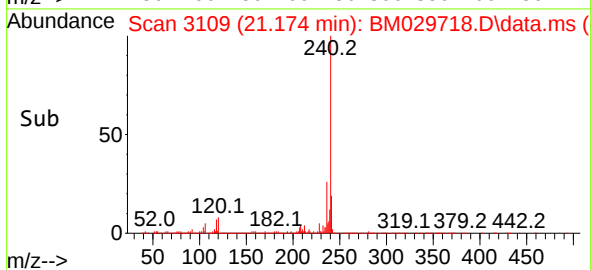
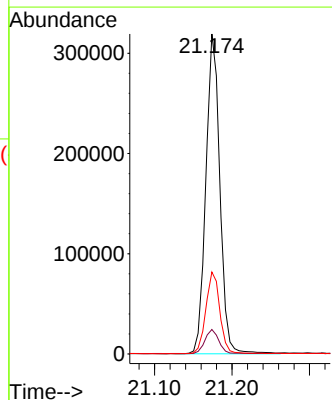
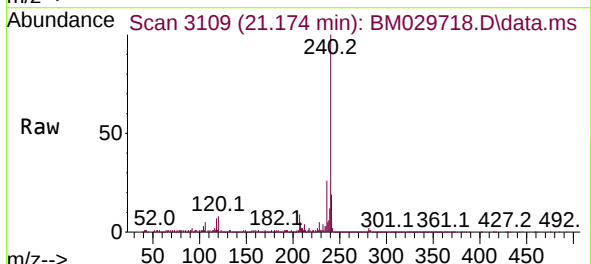
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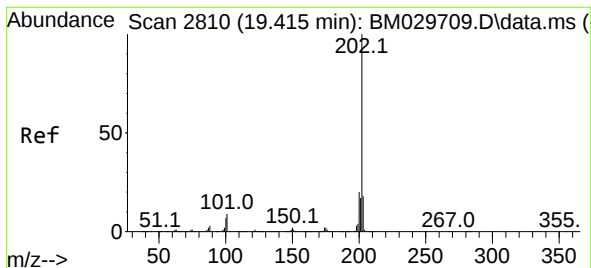
Tgt Ion:202 Resp: 138809
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.6
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:240 Resp: 400564
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.6 21.0 31.4





#78

Pyrene

Concen: 5.25 ng

RT: 19.415 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BM029718.D

Acq: 29 Apr 2021 20:36

Instrument :

BNA_M

ClientSampleId :

SAMPLE-3-COMP

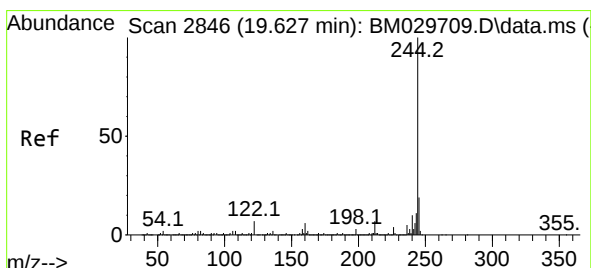
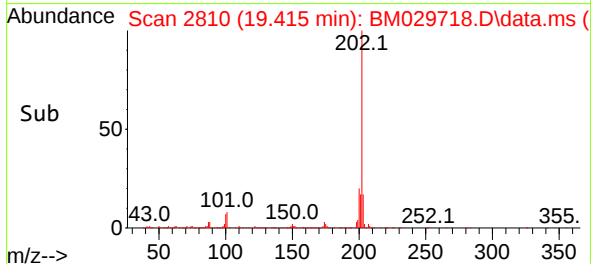
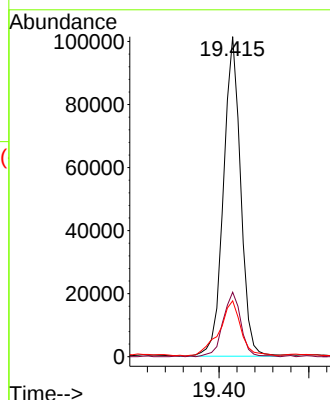
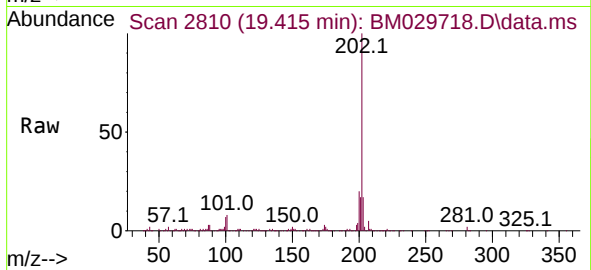
Tgt Ion:202 Resp: 134953

Ion Ratio Lower Upper

202 100

200 20.1 17.3 25.9

203 17.4 13.9 20.9



#79

Terphenyl-d14

Concen: 61.03 ng

RT: 19.627 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM029718.D

Acq: 29 Apr 2021 20:36

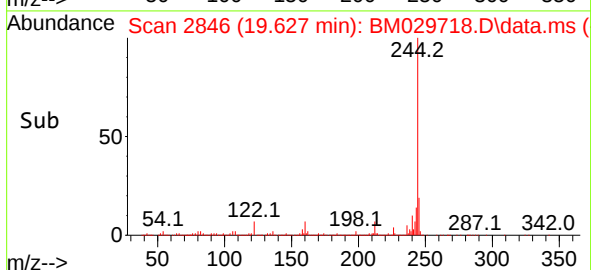
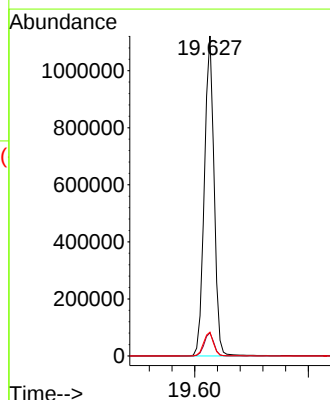
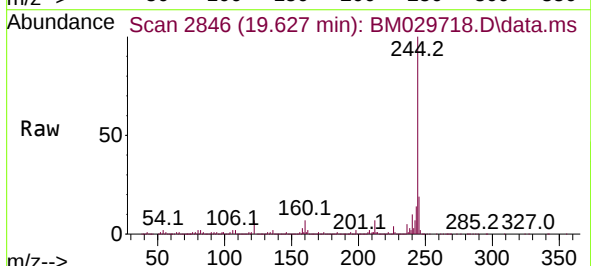
Tgt Ion:244 Resp: 1331830

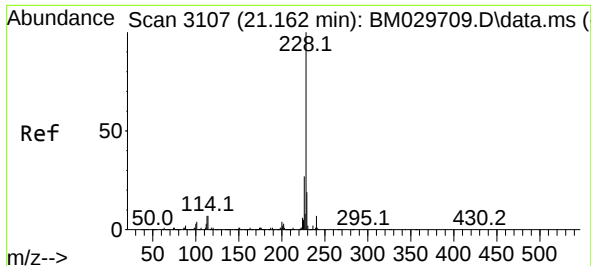
Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 7.5 6.9 10.3

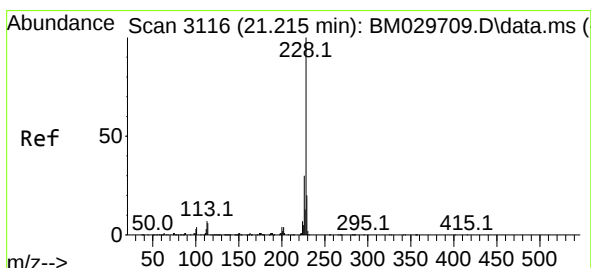
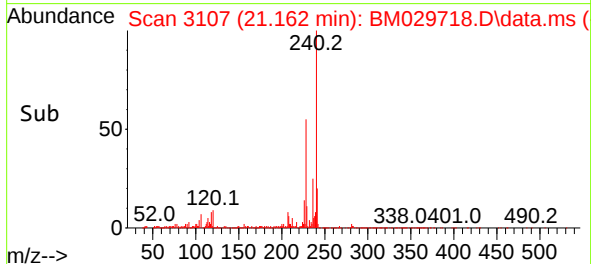
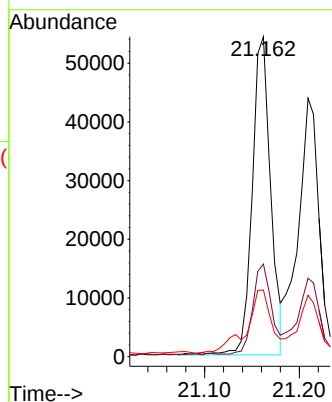
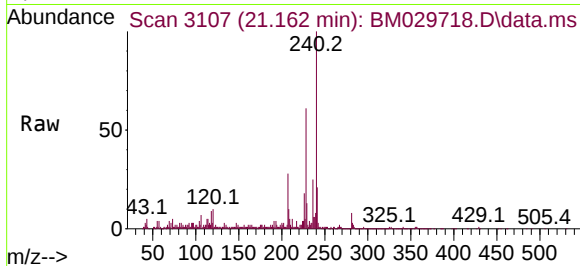




#81
Benzo(a)anthracene
Concen: 2.82 ng
RT: 21.162 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

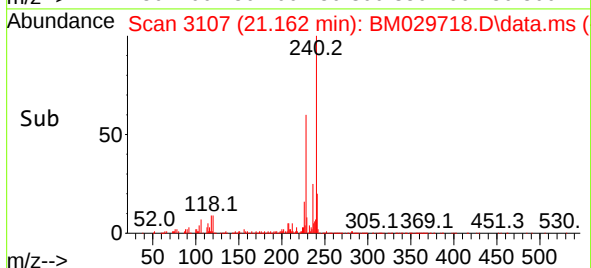
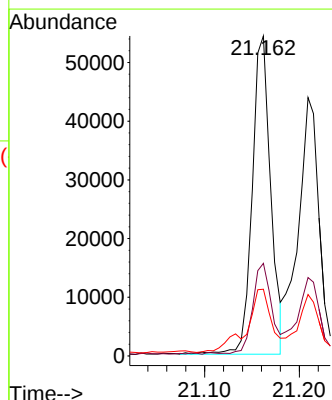
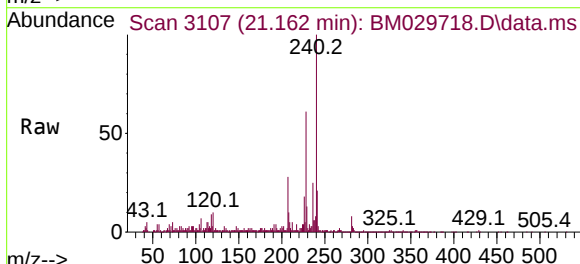
Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

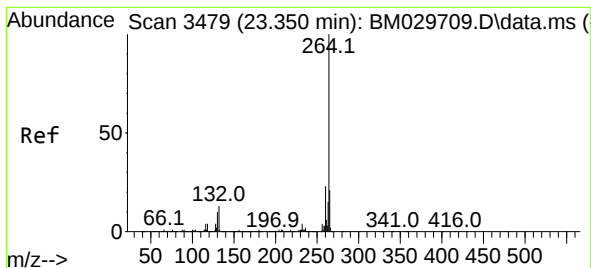
Tgt Ion:228 Resp: 73471
Ion Ratio Lower Upper
228 100
226 28.9 22.3 33.5
229 20.8 15.7 23.5



#83
Chrysene
Concen: 2.84 ng
RT: 21.162 min Scan# 3107
Delta R.T. -0.053 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:228 Resp: 73471
Ion Ratio Lower Upper
228 100
226 28.9 24.6 36.8
229 20.8 15.5 23.3





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.356 min Scan# 3480

Delta R.T. 0.006 min

Lab File: BM029718.D

Acq: 29 Apr 2021 20:36

Tgt Ion:264 Resp: 432237

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

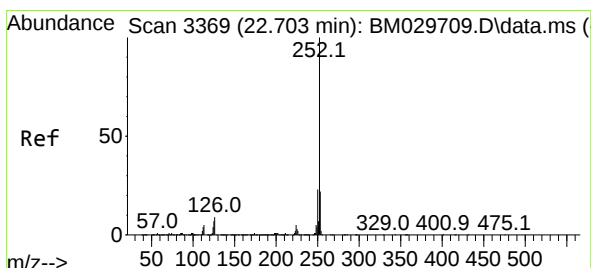
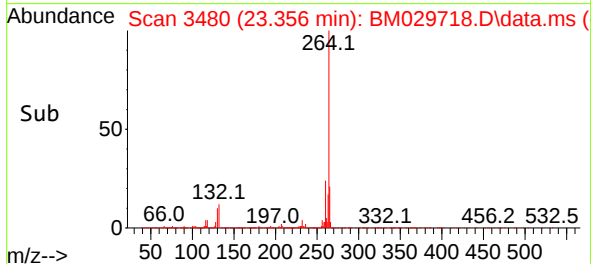
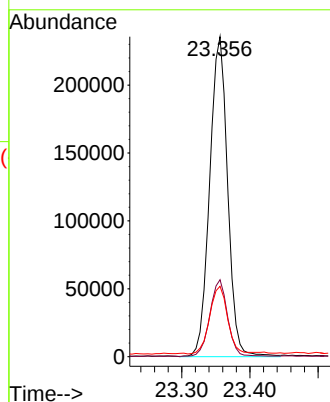
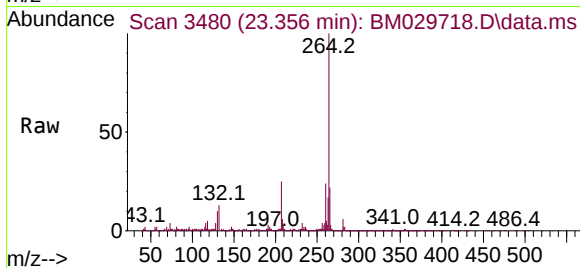
265 22.0 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

SAMPLE-3-COMP



#88

Benzo(b)fluoranthene

Concen: 4.55 ng

RT: 22.703 min Scan# 3369

Delta R.T. 0.000 min

Lab File: BM029718.D

Acq: 29 Apr 2021 20:36

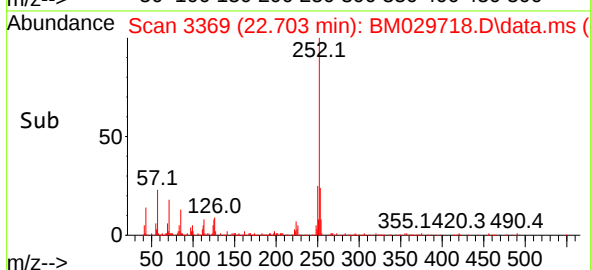
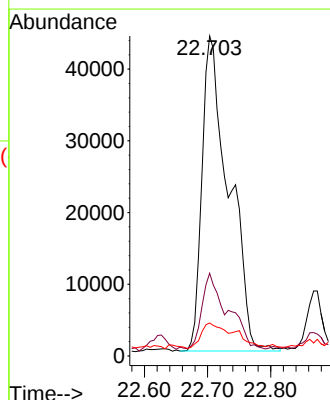
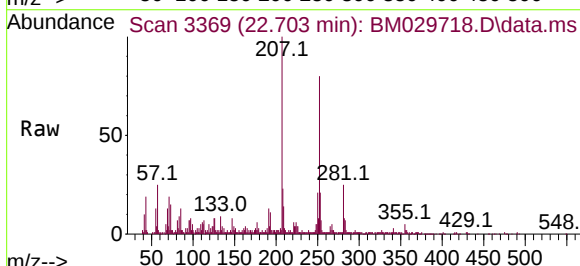
Tgt Ion:252 Resp: 129963

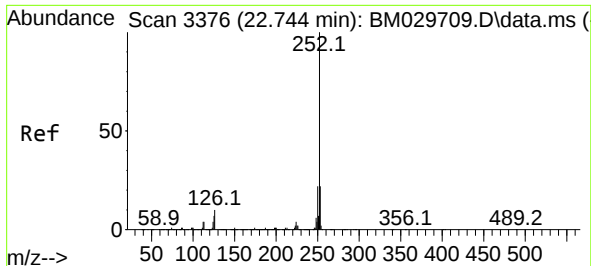
Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.0

125 10.3 6.8 10.2#

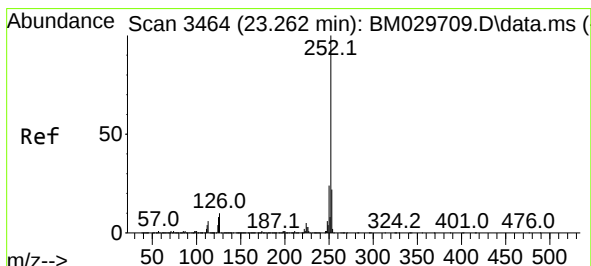
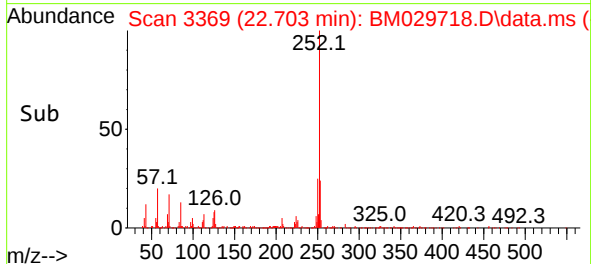
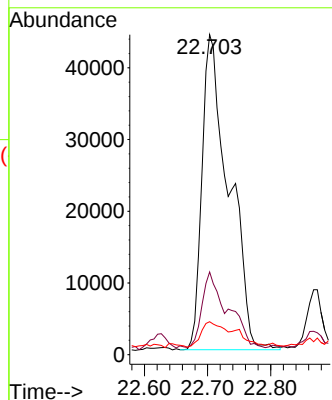
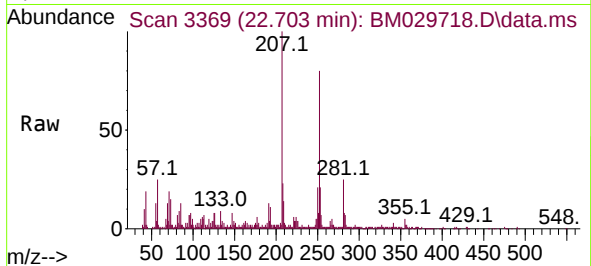




#89
Benzo(k)fluoranthene
Concen: 4.69 ng
RT: 22.703 min Scan# 3369
Delta R.T. -0.041 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Instrument :
BNA_M
ClientSampleId :
SAMPLE-3-COMP

Tgt Ion:252 Resp: 129963
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.2
125 10.3 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.82 ng
RT: 23.262 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BM029718.D
Acq: 29 Apr 2021 20:36

Tgt Ion:252 Resp: 73876
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 11.8 7.3 10.9#

