

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029096.D
 Acq On : 11 Mar 2021 15:52
 Operator : CG/JU
 Sample : M1624-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FLOORS-5

Manual Integrations
 APPROVED

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Quant Time: Mar 11 16:24:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	8103	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	30812	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	17455	20.00	ng	-0.01
64) Phenanthrene-d10	17.074	188	36762	20.00	ng	-0.01
76) Chrysene-d12	21.250	240	37717	20.00	ng	#-0.01
86) Perylene-d12	23.409	264	38971	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	13149	26.90	ng	0.00
7) Phenol-d6	6.869	99	19983	30.95	ng	0.00
23) Nitrobenzene-d5	8.834	82	18854	33.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.833	330	4416	21.35	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	42317	32.27	ng	-0.01
79) Terphenyl-d14	19.703	244	64074	31.37	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.115	178	34513	15.77	ng	99
72) Anthracene	17.209	178	12660	5.84	ng	97
73) Carbazole	17.492	167	6133	2.95	ng	97
74) Di-n-butylphthalate	18.039	149	62213	26.30	ng	100
75) Fluoranthene	19.133	202	36143	15.02	ng	96
78) Pyrene	19.498	202	27868	10.06	ng	99
80) Butylbenzylphthalate	20.397	149	2552	2.14	ng	90
81) Benzo(a)anthracene	21.239	228	12656m	4.84	ng	
83) Chrysene	21.292	228	13165	5.16	ng	97
84) Bis(2-ethylhexyl)phtha...	21.168	149	385539	224.61	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.556	276	6278	2.13	ng	# 92
88) Benzo(b)fluoranthene	22.768	252	14501m	5.27	ng	
90) Benzo(a)pyrene	23.321	252	8994	3.58	ng	# 96
92) Benzo(g,h,i)perylene	26.227	276	5984	2.42	ng	# 92

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

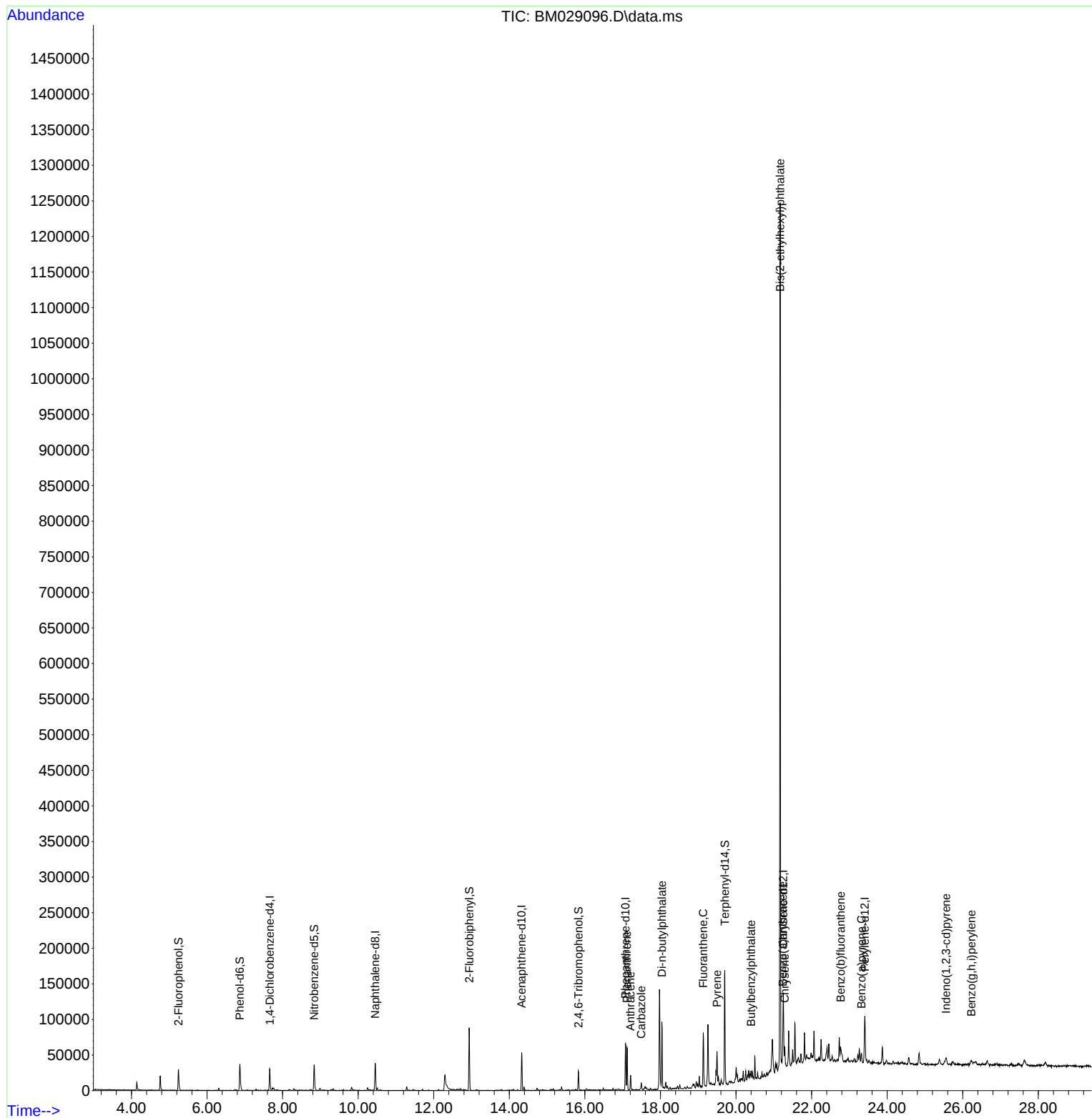
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029096.D
Acq On : 11 Mar 2021 15:52
Operator : CG/JU
Sample : M1624-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

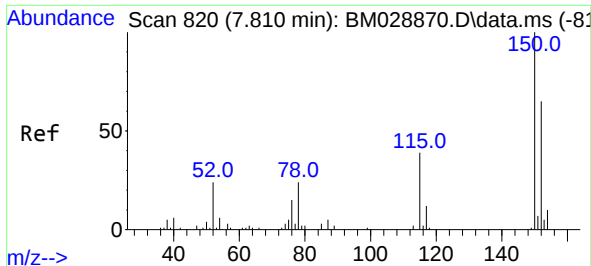
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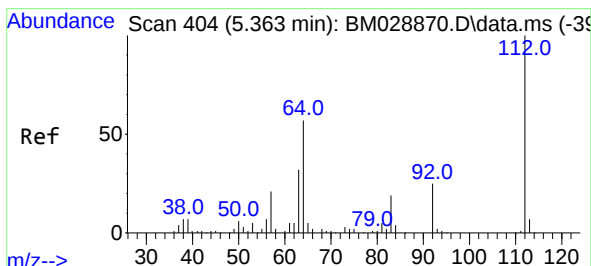
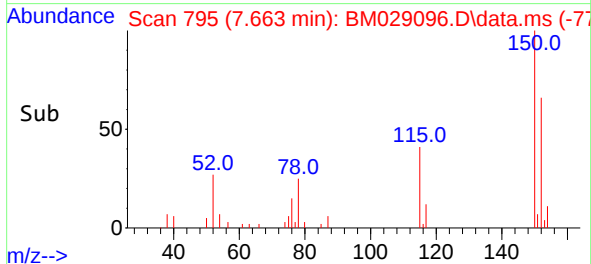
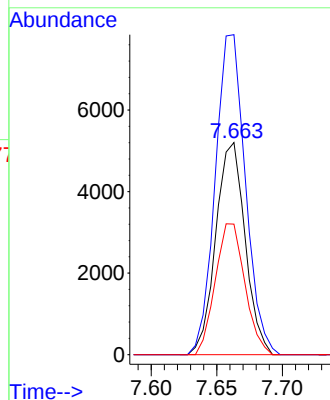
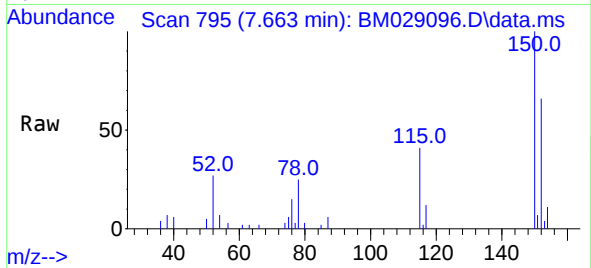
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:152 Resp: 8103
Ion Ratio Lower Upper
152 100
150 150.8 120.6 181.0
115 61.5 47.2 70.8

Instrument :
BNA_M
ClientSampled :
FLOORS-5

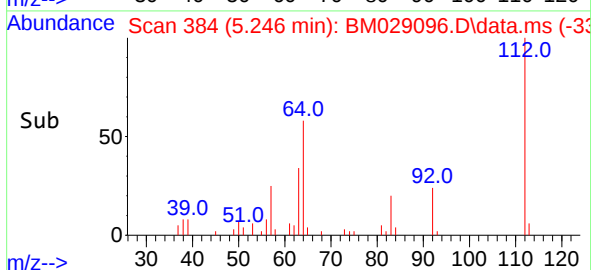
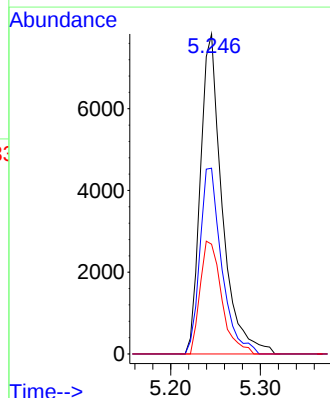
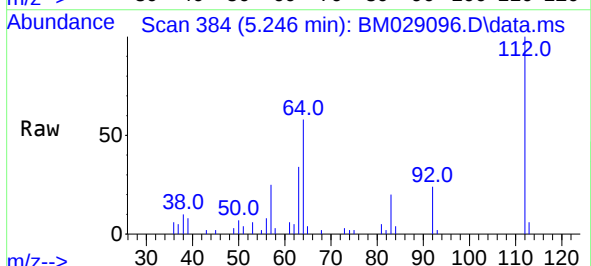
Manual Integrations
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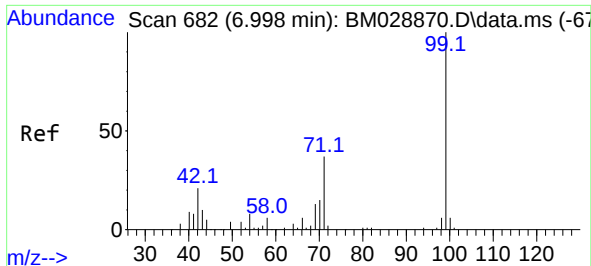
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#5
2-Fluorophenol
Concen: 26.90 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:112 Resp: 13149
Ion Ratio Lower Upper
112 100
64 58.1 50.6 76.0
63 34.3 31.0 46.6





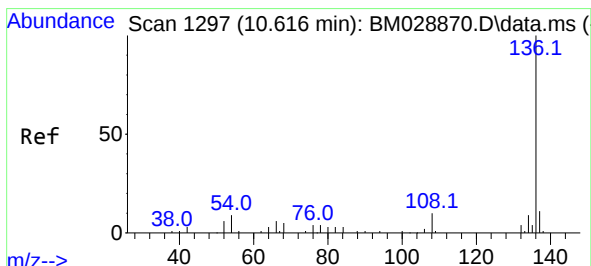
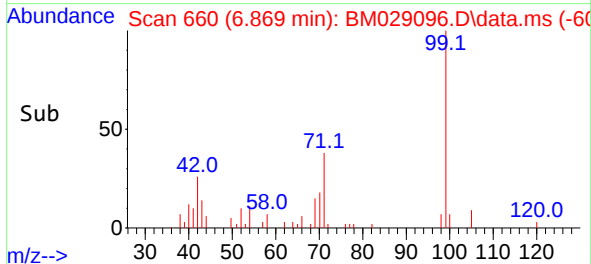
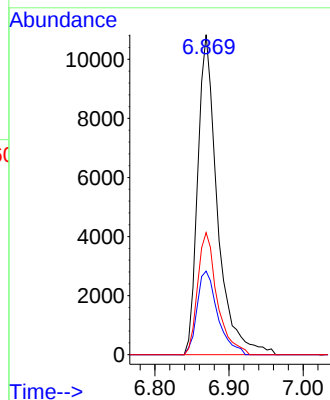
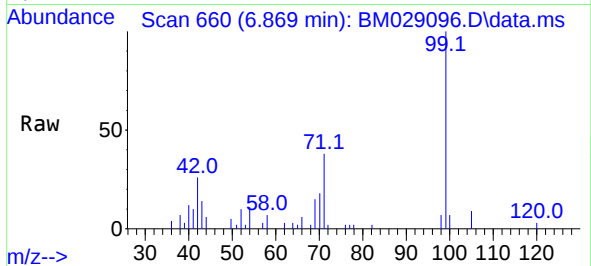
#7
Phenol-d6
Concen: 30.95 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:	99	Resp:	19983
Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.5	20.3#
71	38.2	39.4	59.0#

Instrument :
BNA_M
ClientSampled :
FLOORS-5

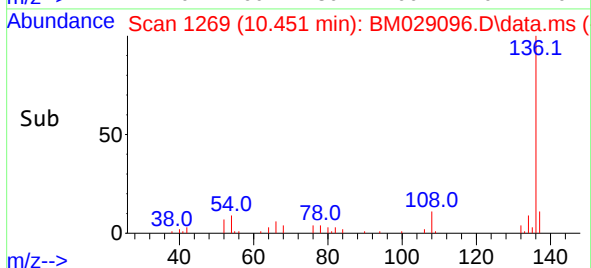
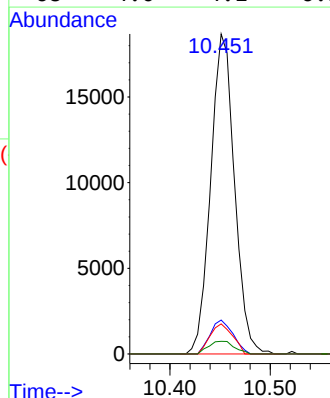
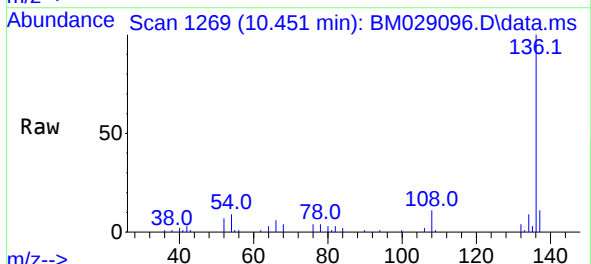
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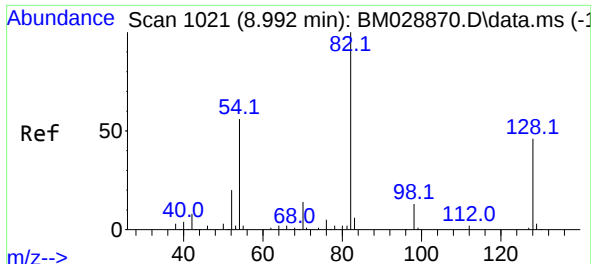
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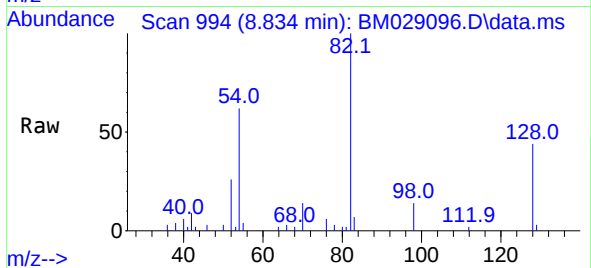
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:	136	Resp:	30812
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.4	4.6	7.0#
68	4.0	4.1	6.1#

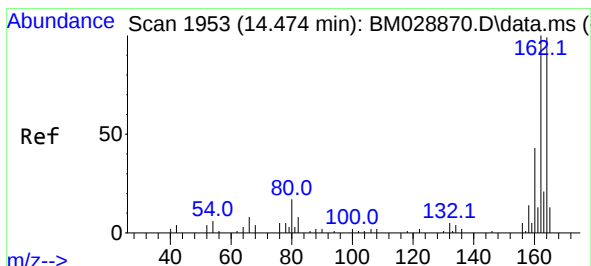
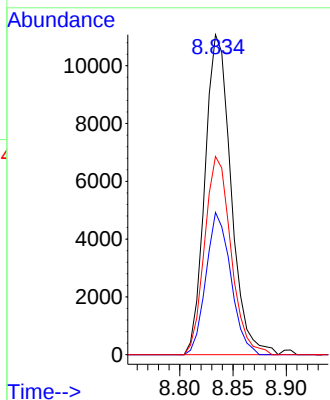
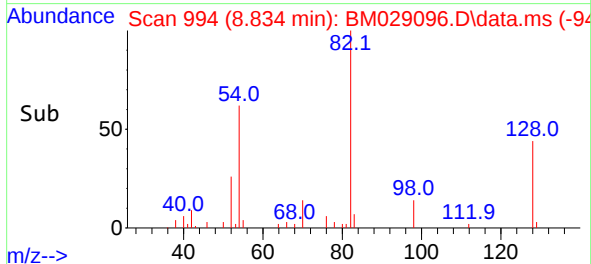




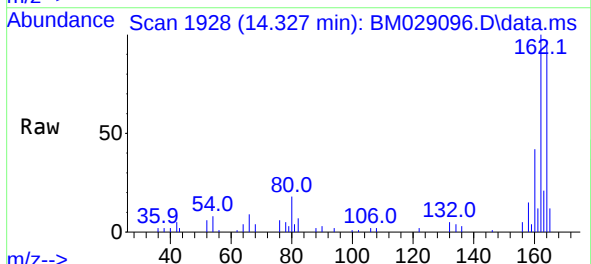
#23
Nitrobenzene-d5
Concen: 33.01 ng
RT: 8.834 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



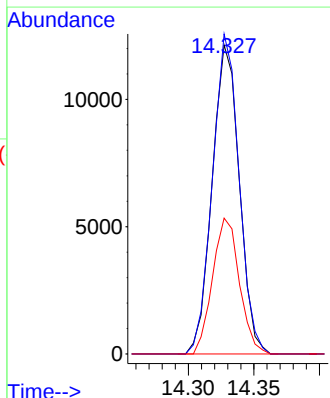
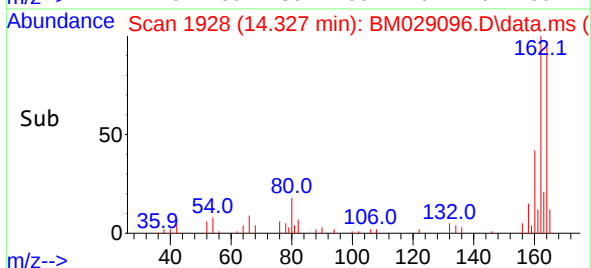
Tgt Ion: 82 Resp: 18854
Ion Ratio Lower Upper
82 100
128 44.5 27.4 41.0#
54 61.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



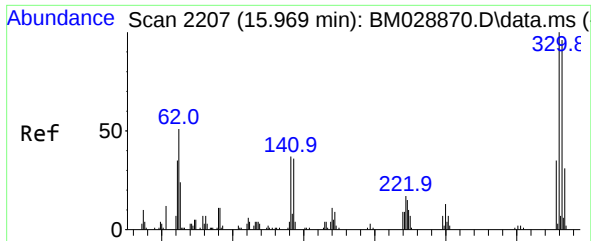
Tgt Ion: 164 Resp: 17455
Ion Ratio Lower Upper
164 100
162 103.6 80.4 120.6
160 44.0 35.9 53.9



Instrument :
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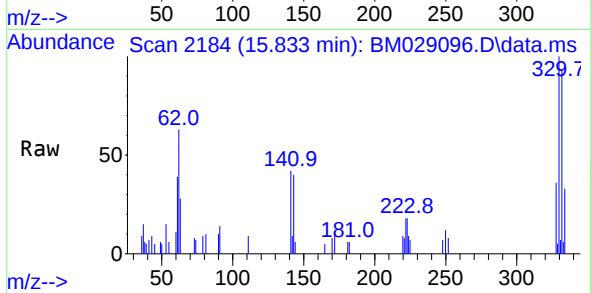
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#42
2,4,6-Tribromophenol
Concen: 21.35 ng
RT: 15.833 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

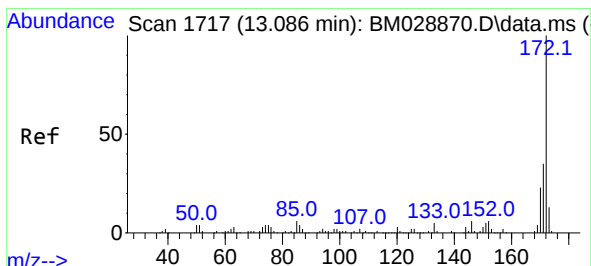
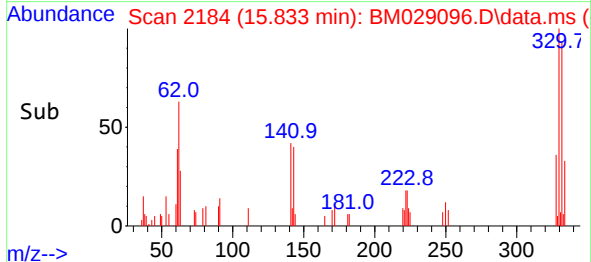
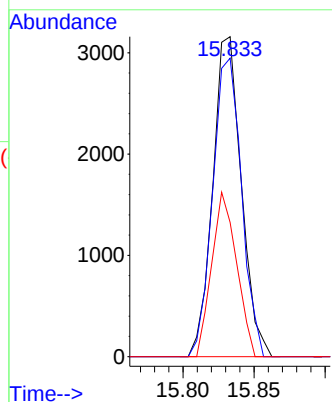
Instrument :
BNA_M
ClientSampled :
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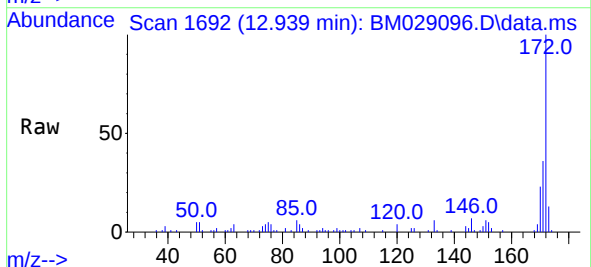
Tgt Ion:330 Resp: 4416
Ion Ratio Lower Upper
330 100
332 94.1 77.8 116.8
141 44.5 28.4 42.6#

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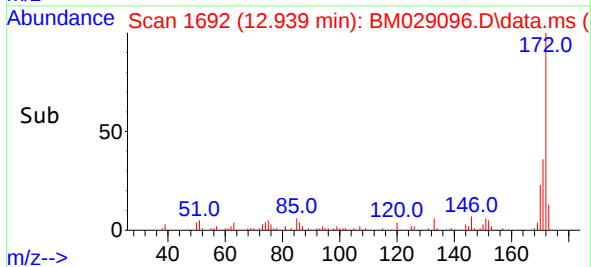
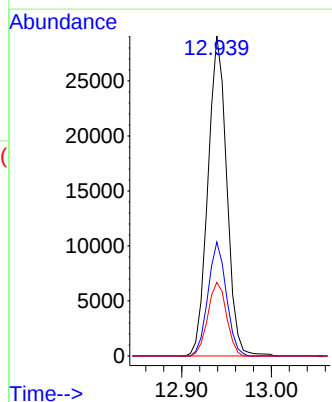
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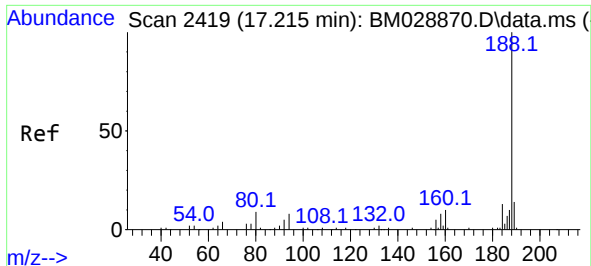


#45
2-Fluorobiphenyl
Concen: 32.27 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



Tgt Ion:172 Resp: 42317
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.0 18.6 27.8





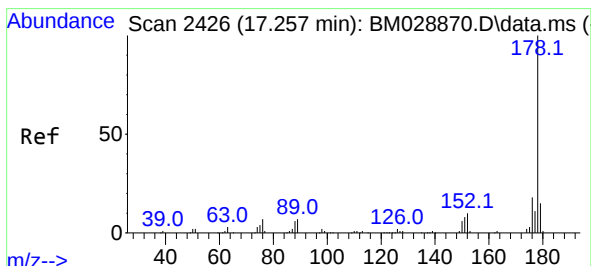
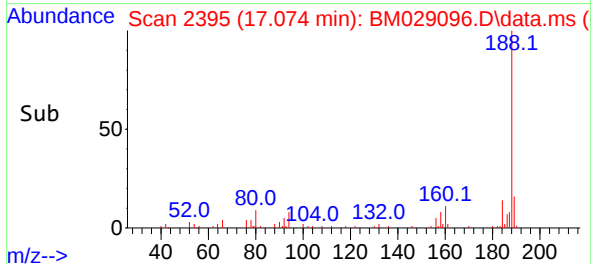
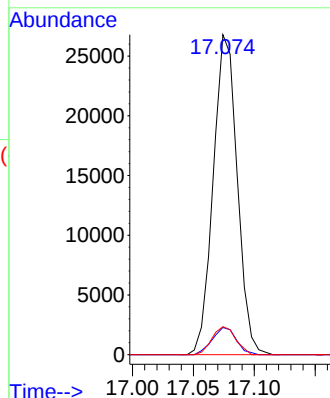
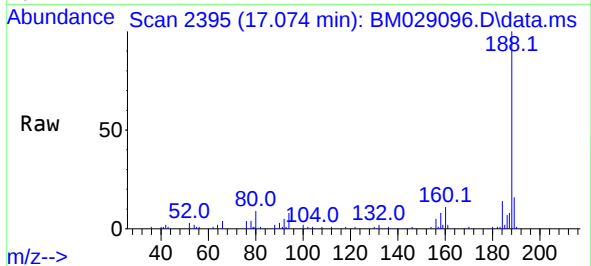
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.074 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:188	Resp:	36762
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.2 9.4
80	8.8	7.5 11.3

Instrument :
BNA_M
ClientSampleId :
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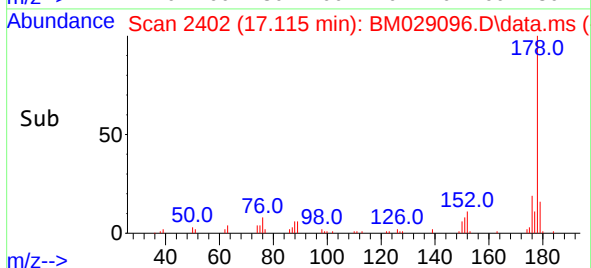
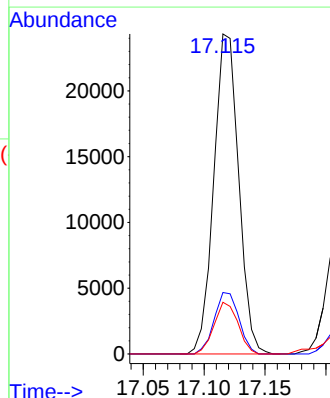
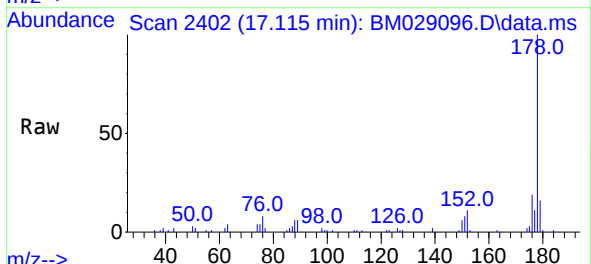
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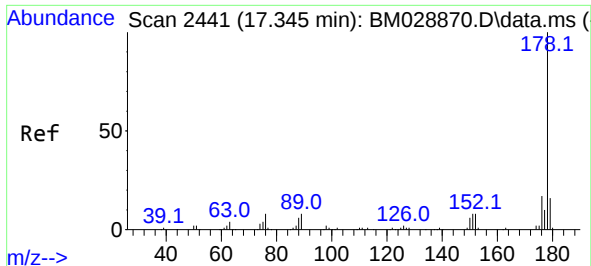
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#71
Phenanthrene
Concen: 15.77 ng
RT: 17.115 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

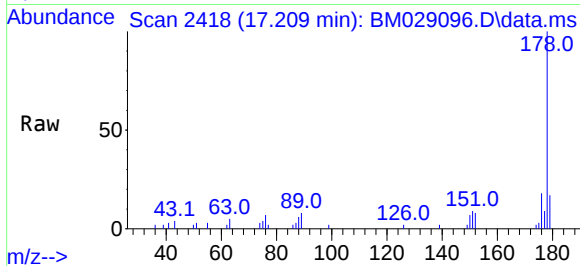
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Ion Ratio	Lower	Upper
178	100	
176	19.2	15.0 22.6
179	16.2	12.2 18.4





#72
 Anthracene
 Concen: 5.84 ng
 RT: 17.209 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM029096.D
 Acq: 11 Mar 2021 15:52

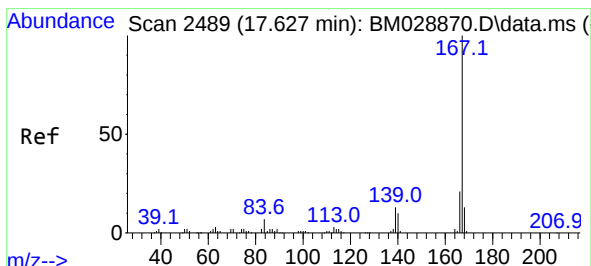
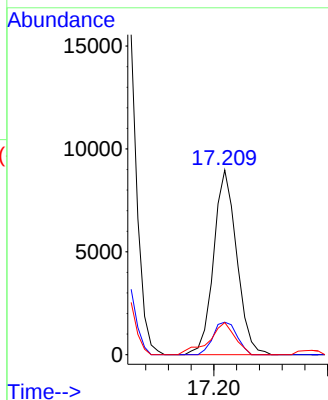
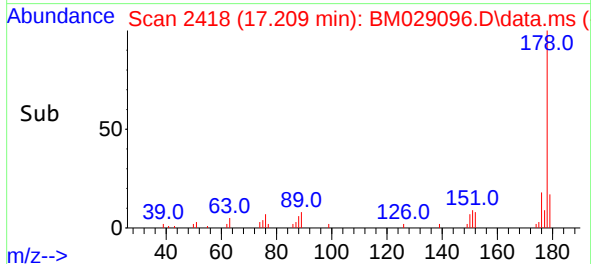
Instrument :
 BNA_M
 ClientSampled :
 FLOORS-5



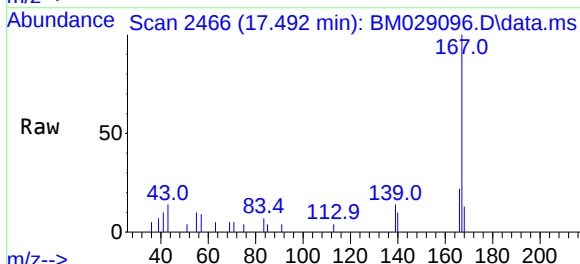
Tgt Ion:178 Resp: 12660
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.0 22.4
 179 17.4 12.5 18.7

Manual Integrations
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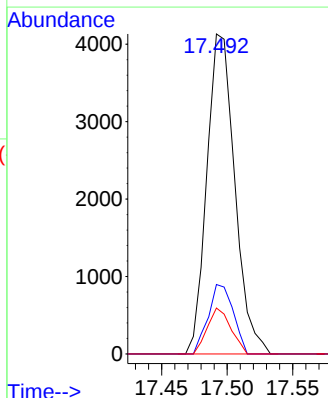
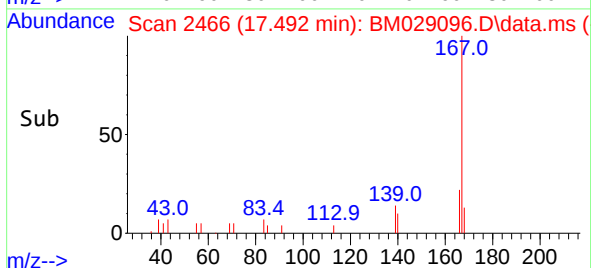
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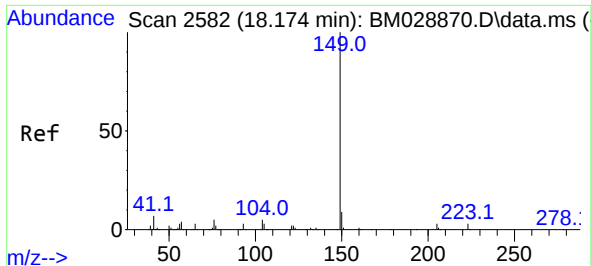


#73
 Carbazole
 Concen: 2.95 ng
 RT: 17.492 min Scan# 2466
 Delta R.T. -0.006 min
 Lab File: BM029096.D
 Acq: 11 Mar 2021 15:52

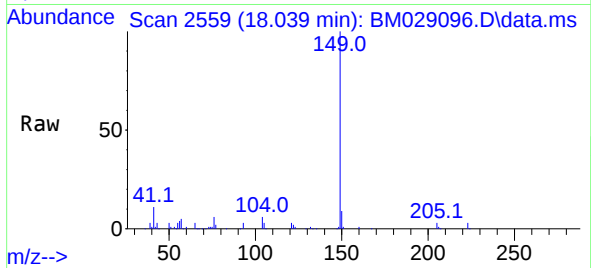


Tgt Ion:167 Resp: 6133
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 14.4 9.9 14.9

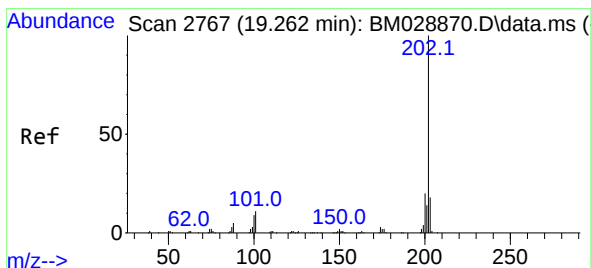
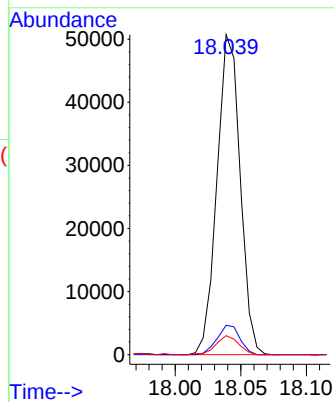
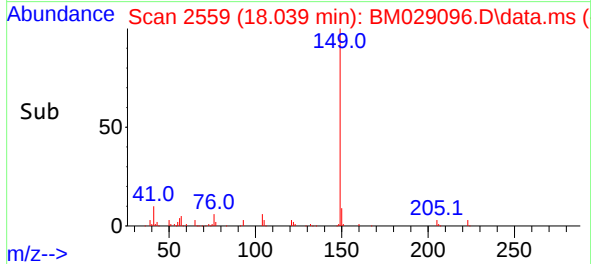




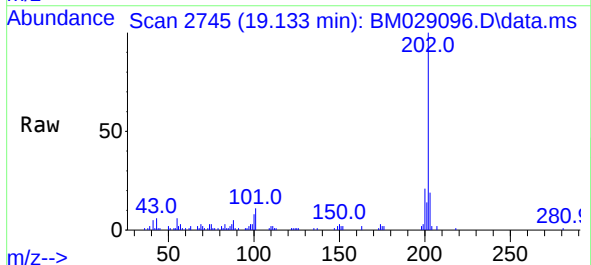
#74
Di-n-butylphthalate
Concen: 26.30 ng
RT: 18.039 min Scan# 2559
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



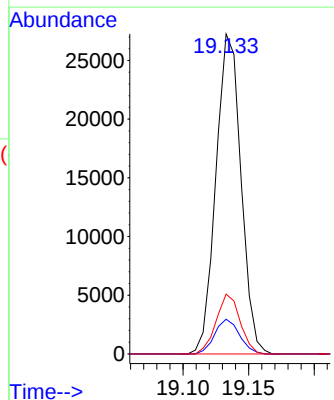
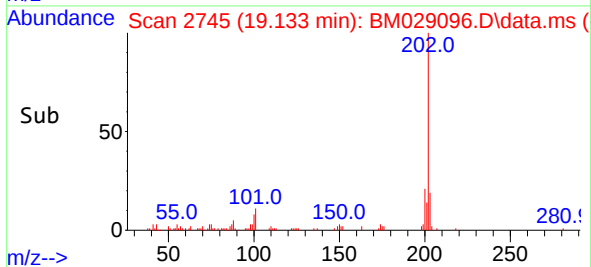
Tgt Ion:149 Resp: 62213
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 6.0 4.7 7.1



#75
Fluoranthene
Concen: 15.02 ng
RT: 19.133 min Scan# 2745
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



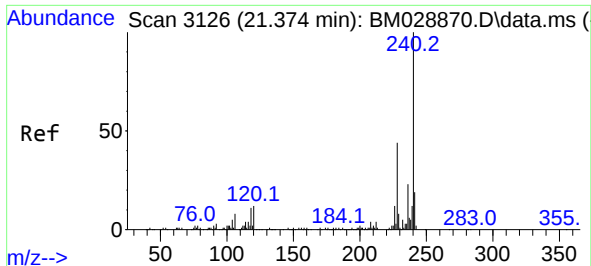
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Ion Ratio Lower Upper
202 100
101 10.8 0.0 28.5
203 18.7 0.0 37.3



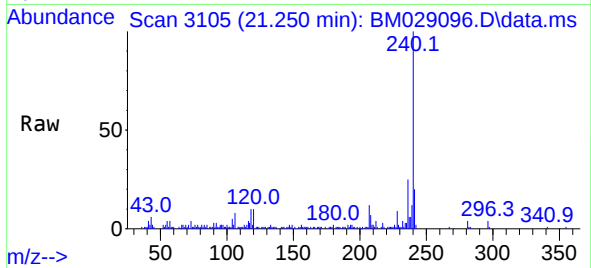
Instrument :
BNA_M
ClientSampleId :
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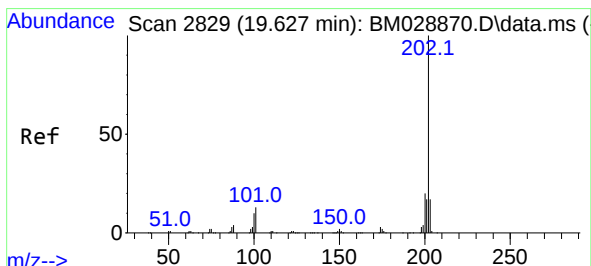
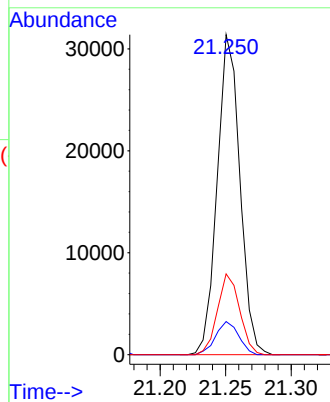
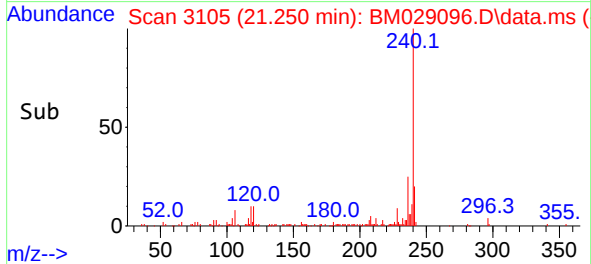
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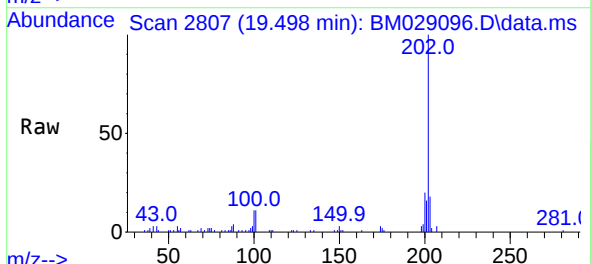
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.250 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



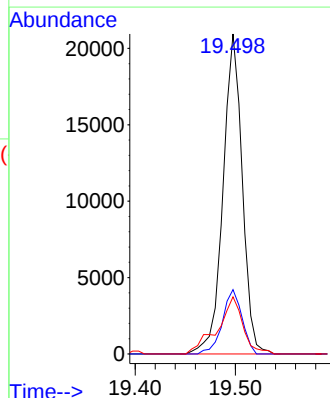
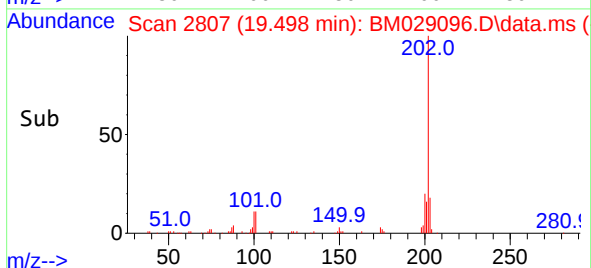
Tgt Ion:240 Resp: 37717
Ion Ratio Lower Upper
240 100
120 10.4 6.4 9.6#
236 25.3 20.1 30.1



#78
Pyrene
Concen: 10.06 ng
RT: 19.498 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



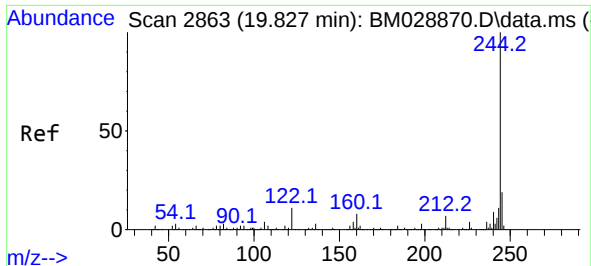
Tgt Ion:202 Resp: 27868
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.9 13.8 20.6



Instrument :
BNA_M
ClientSampleId :
FLOORS-5

Manual Integrations
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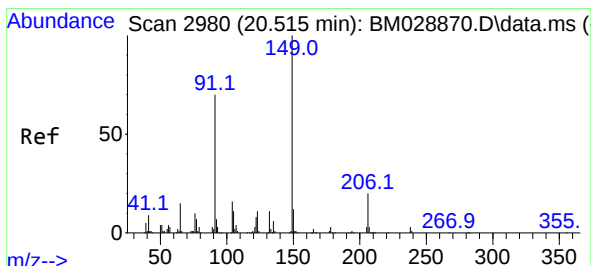
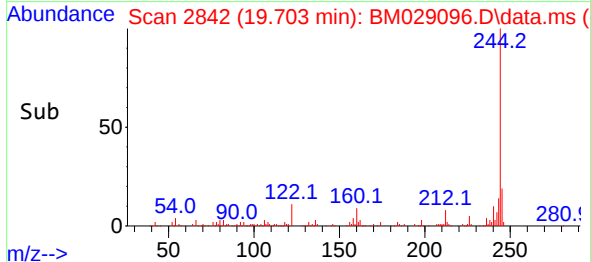
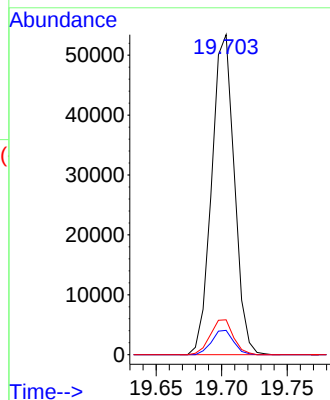
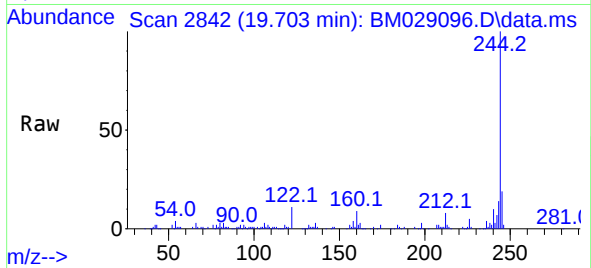
#79
Terphenyl-d14
Concen: 31.37 ng
RT: 19.703 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:244 Resp: 64074
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 10.9 6.5 9.7#

Instrument :
BNA_M
ClientSampled :
FLOORS-5

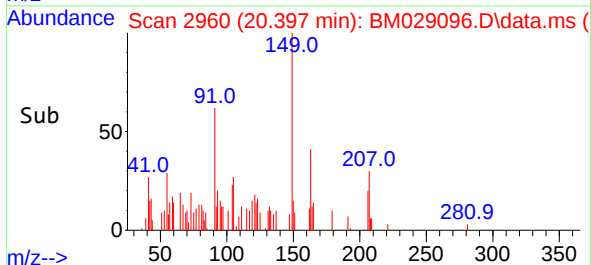
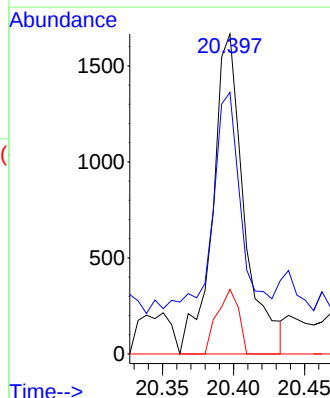
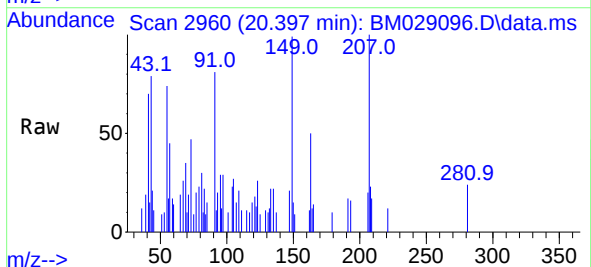
Manual Integrations
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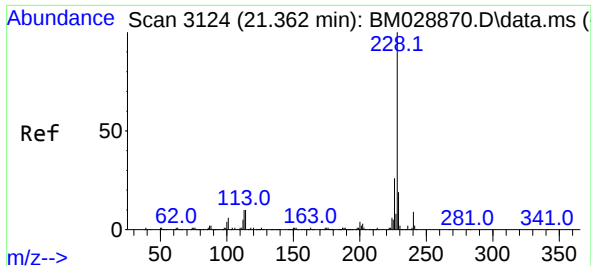
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#80
Butylbenzylphthalate
Concen: 2.14 ng
RT: 20.397 min Scan# 2960
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:149 Resp: 2552
Ion Ratio Lower Upper
149 100
91 81.8 58.1 87.1
206 20.2 18.7 28.1





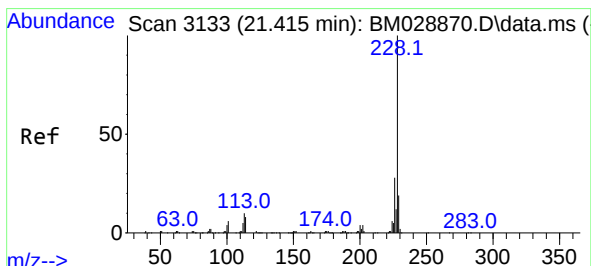
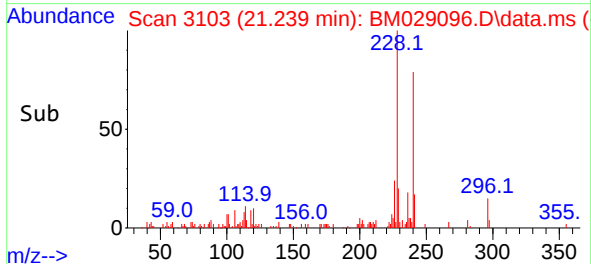
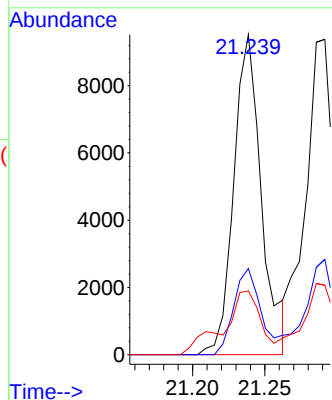
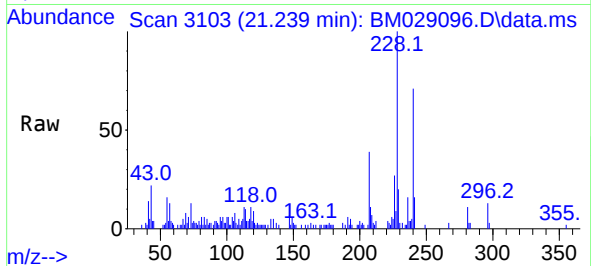
#81
Benzo(a)anthracene
Concen: 4.84 ng m
RT: 21.239 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.1	31.7
229	20.0	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
FLOORS-5

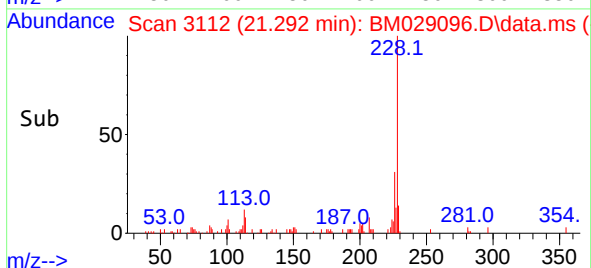
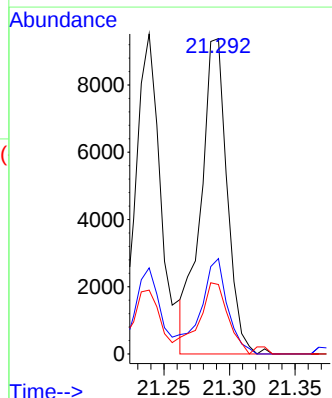
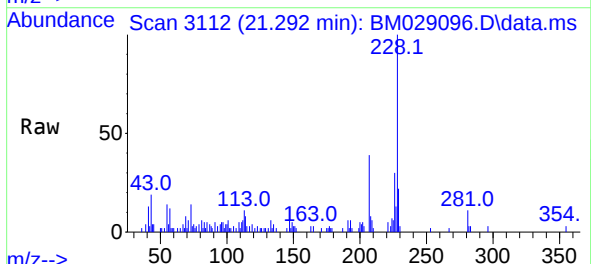
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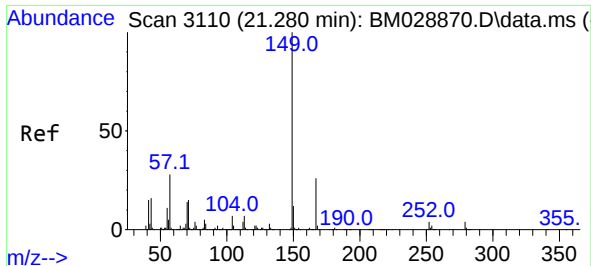
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#83
Chrysene
Concen: 5.16 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

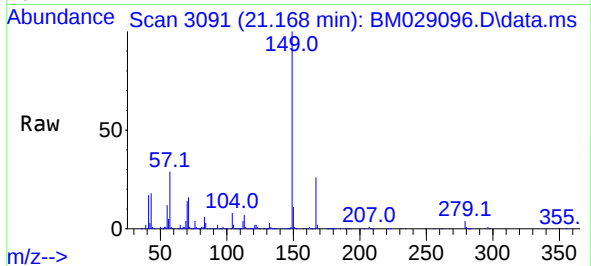
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	22.0	15.7	23.5





#84
Bis(2-ethylhexyl)phthalate
Concen: 224.61 ng
RT: 21.168 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

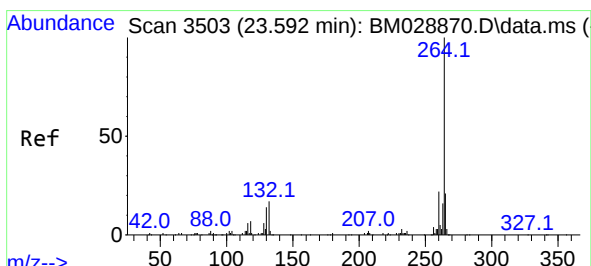
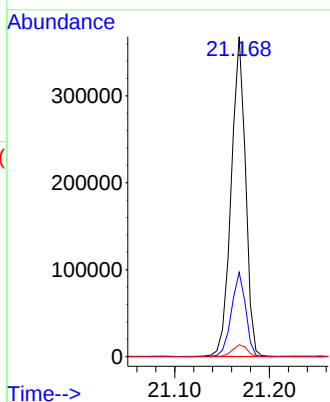
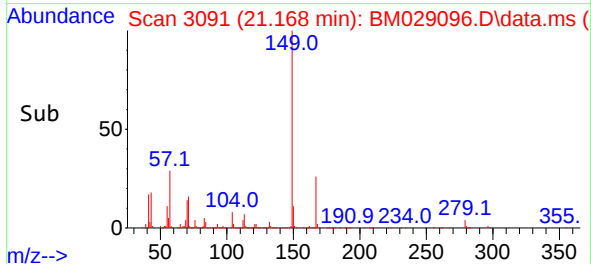
Instrument :
BNA_M
ClientSampled :
FLOORS-5



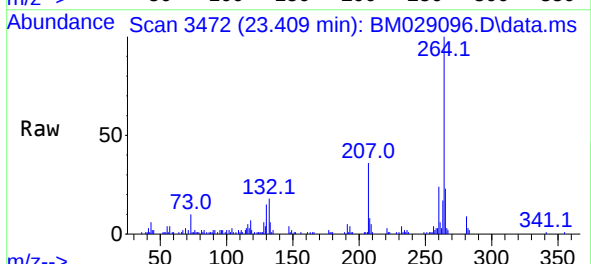
Tgt Ion:149 Resp: 385539
Ion Ratio Lower Upper
149 100
167 26.4 22.7 34.1
279 3.7 4.0 6.0#

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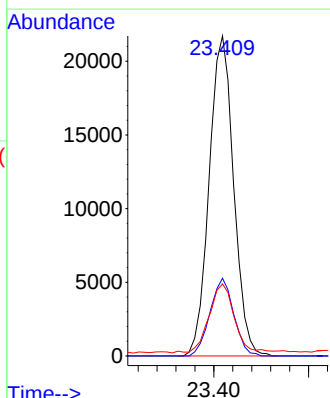
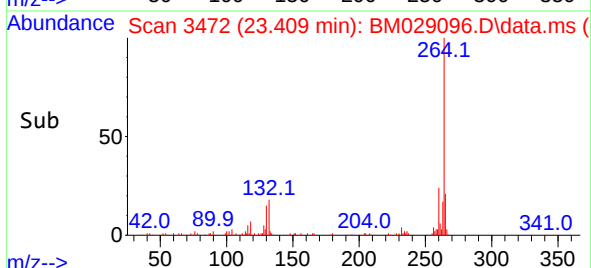
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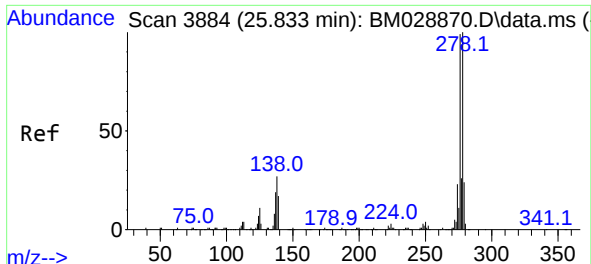


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.409 min Scan# 3472
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52



Tgt Ion:264 Resp: 38971
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.5 17.7 26.5





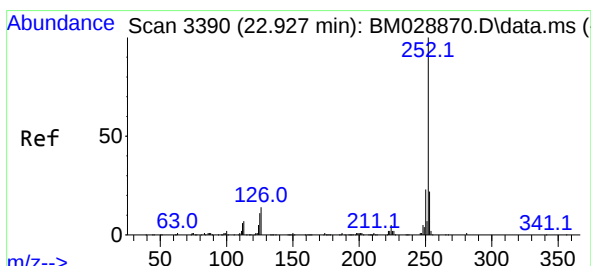
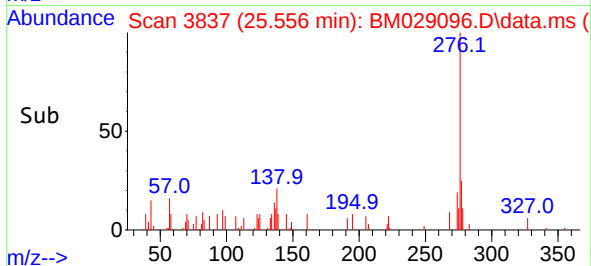
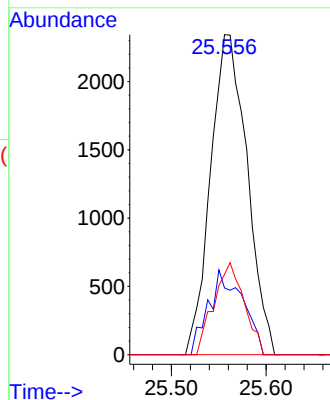
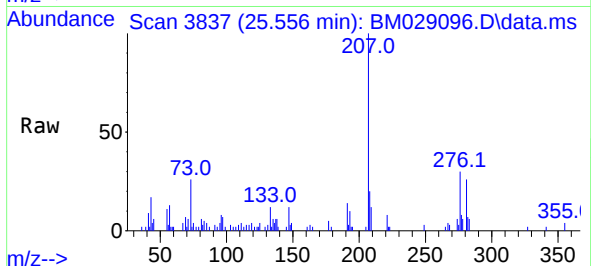
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.13 ng
RT: 25.556 min Scan# 3837
Delta R.T. -0.029 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion: 276 Resp: 6278
Ion Ratio Lower Upper
276 100
138 24.8 14.2 21.4#
277 23.9 19.8 29.8

Instrument :
BNA_M
ClientSampleId :
FLOORS-5

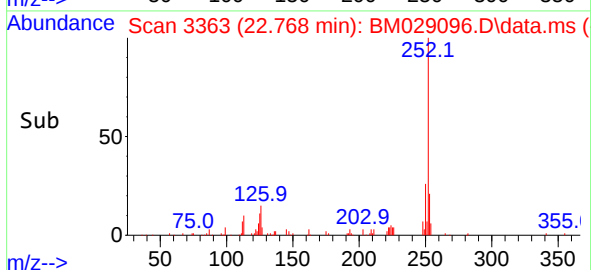
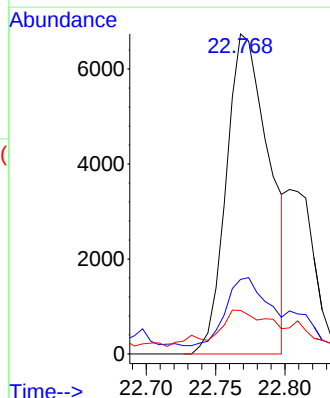
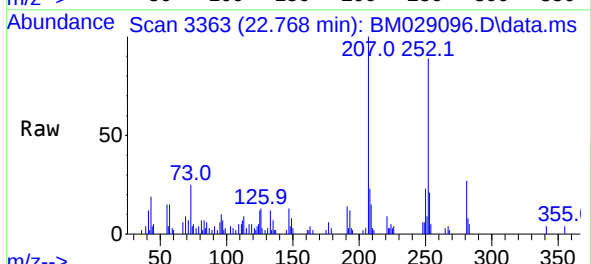
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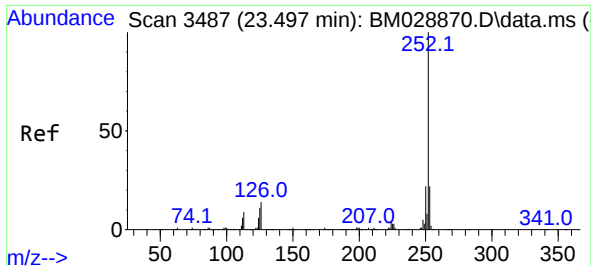
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#88
Benzo(b)fluoranthene
Concen: 5.27 ng m
RT: 22.768 min Scan# 3363
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion: 252 Resp: 14501
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 13.6 5.7 8.5#





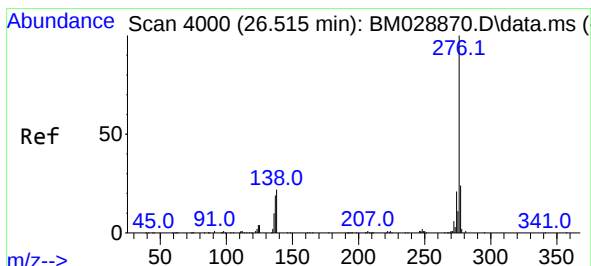
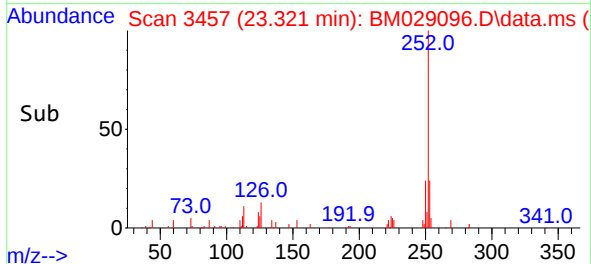
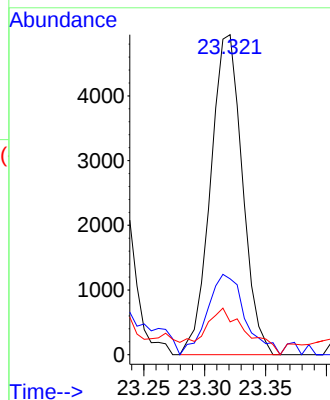
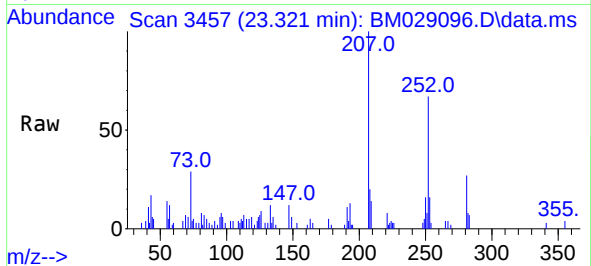
#90
Benzo(a)pyrene
Concen: 3.58 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:	252	Resp:	8994
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.2
125	10.3	6.6	9.8#

Instrument :
BNA_M
ClientSampleId :
FLOORS-5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 26.227 min Scan# 3951
Delta R.T. -0.012 min
Lab File: BM029096.D
Acq: 11 Mar 2021 15:52

Tgt Ion:	276	Resp:	5984
Ion Ratio	Lower	Upper	
276	100		
277	25.2	18.6	28.0
138	20.7	12.2	18.2#

