

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081821\
 Data File : BM031819.D
 Acq On : 18 Aug 2021 23:22
 Operator : CG/JU
 Sample : M3421-04 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11966

Manual Integrations
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Quant Time: Aug 19 03:05:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	63483	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	273670	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	170655	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	330772	20.000	ng	0.00
76) Chrysene-d12	21.127	240	227288	20.000	ng	0.00
86) Perylene-d12	23.274	264	218105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	80069	20.243	ng	0.00
7) Phenol-d6	6.728	99	106283	18.544	ng	0.00
23) Nitrobenzene-d5	8.686	82	76298	11.674	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	32197	15.318	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	155545	12.132	ng	0.00
79) Terphenyl-d14	19.574	244	187893	13.928	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.345	128	52322	3.339	ng	99
71) Phenanthrene	16.968	178	62531	3.100	ng	98
75) Fluoranthene	18.997	202	109440	4.529	ng	98
78) Pyrene	19.356	202	134788	8.186	ng	99
81) Benzo(a)anthracene	21.115	228	61949m	3.721	ng	
83) Chrysene	21.162	228	70615	4.351	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.062	149	42286	3.467	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.391	276	64292	4.183	ng	99
88) Benzo(b)fluoranthene	22.638	252	107300m	6.552	ng	
89) Benzo(k)fluoranthene	22.680	252	34095m	2.157	ng	
90) Benzo(a)pyrene	23.185	252	94805	6.539	ng	96
92) Benzo(g,h,i)perylene	26.038	276	62852	5.106	ng	94

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

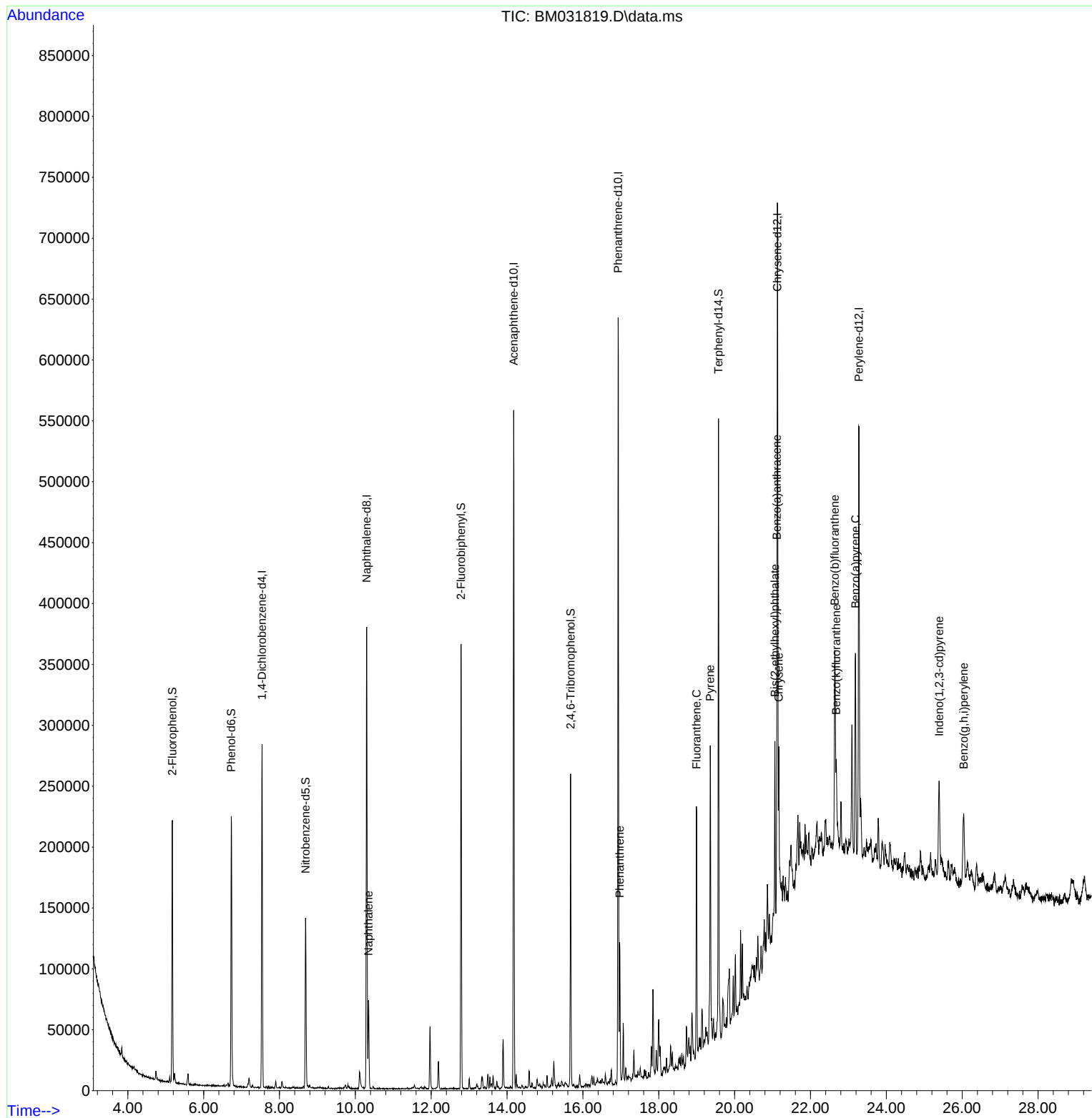
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Data File : BM031819.D
Acq On : 18 Aug 2021 23:22
Operator : CG/JU
Sample : M3421-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

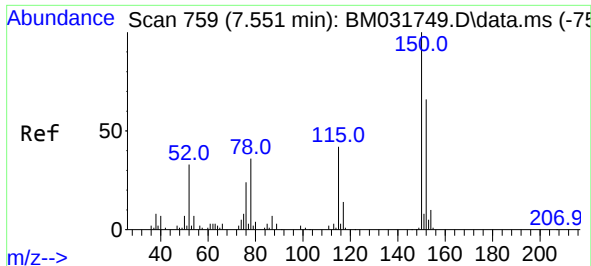
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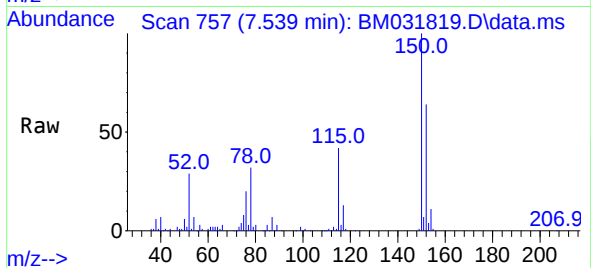
Quant Time: Aug 19 03:05:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.539 min Scan# 757
Delta R.T. -0.001 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

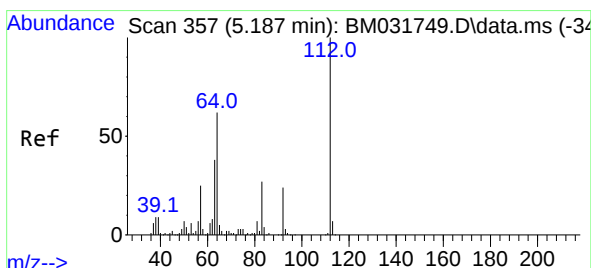
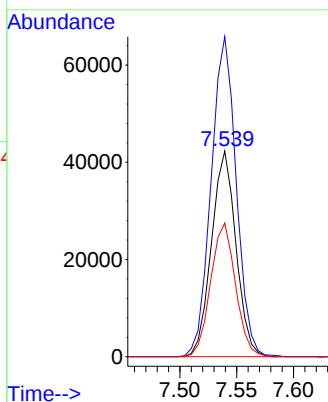
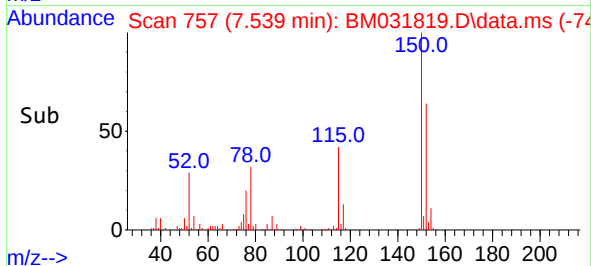
Instrument :
BNA_M
ClientSampleId :
72-11966



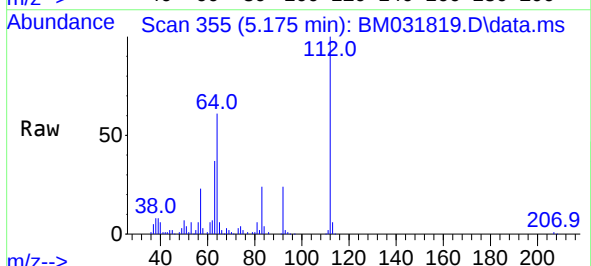
Tgt Ion:152 Resp: 63483
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 65.1 44.6 67.0

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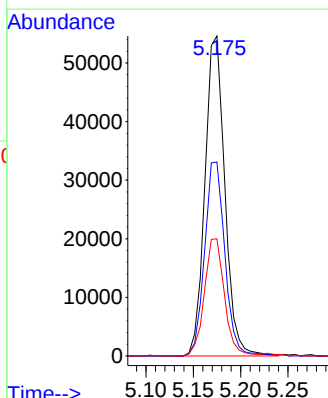
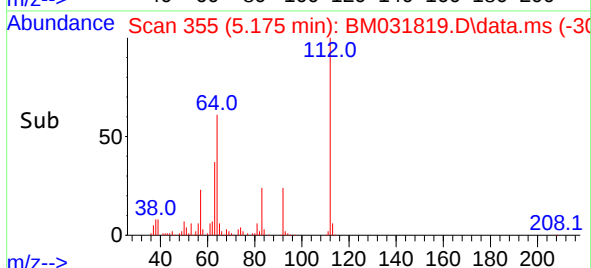
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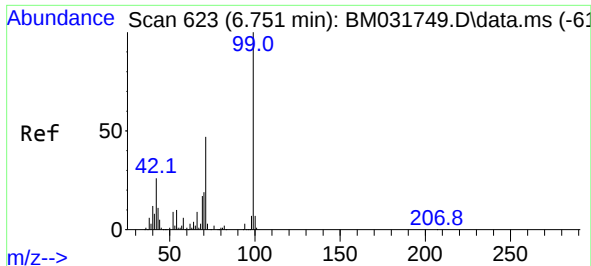


#5
2-Fluorophenol
Concen: 20.243 ng
RT: 5.175 min Scan# 355
Delta R.T. -0.000 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



Tgt Ion:112 Resp: 80069
Ion Ratio Lower Upper
112 100
64 60.6 47.1 70.7
63 36.6 27.3 40.9





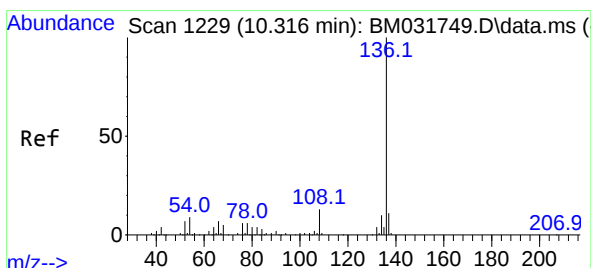
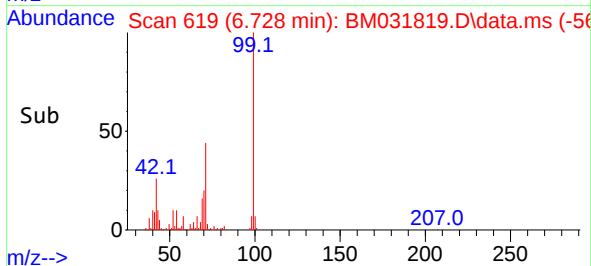
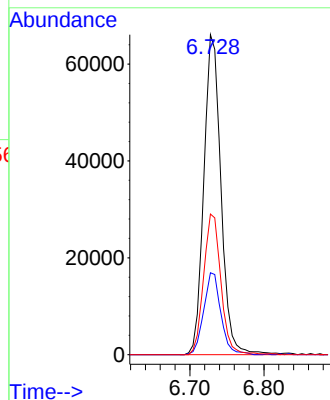
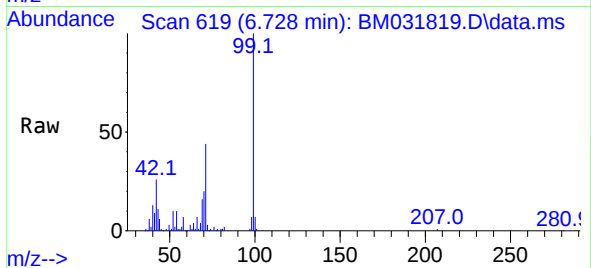
Phenol-d6
Concen: 18.544 ng
RT: 6.728 min Scan# 619
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:	99	Resp:	106283
Ion	Ratio	Lower	Upper
99	100		
42	25.6	18.0	27.0
71	44.0	30.9	46.3

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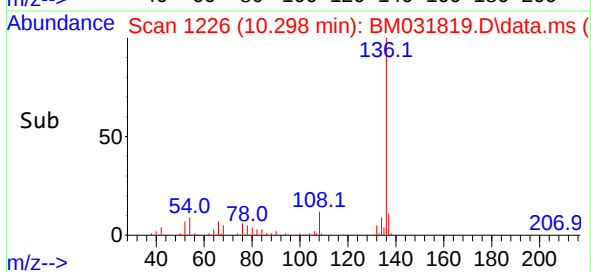
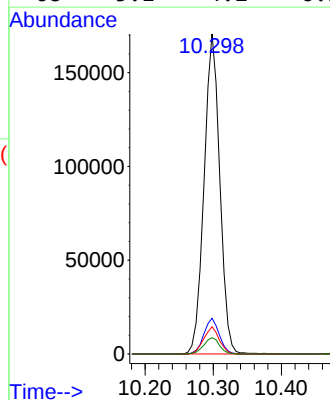
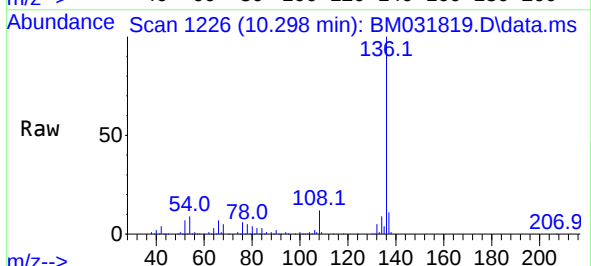
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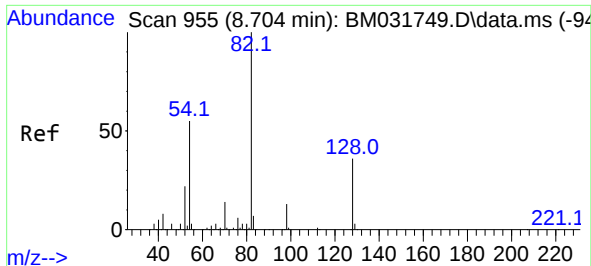
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Naphthalene-d8
Concen: 20.000 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

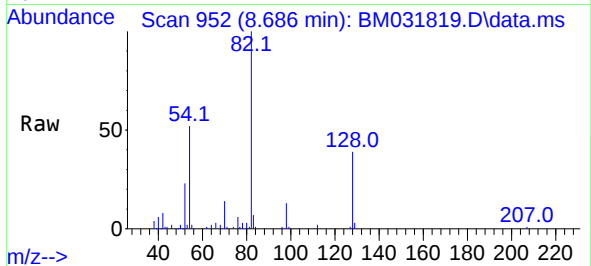
Tgt Ion:	136	Resp:	273670
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.5	5.5	8.3#
68	5.1	4.2	6.2





#23
Nitrobenzene-d5
Concen: 11.674 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

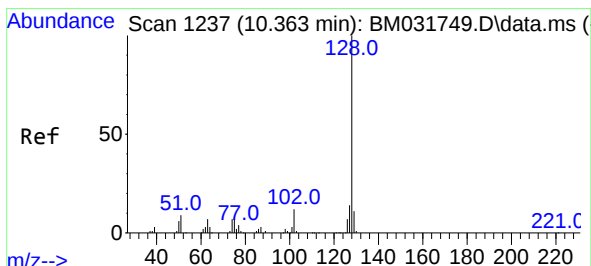
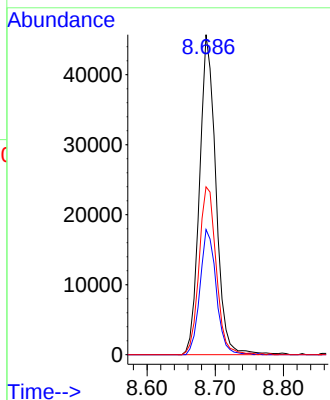
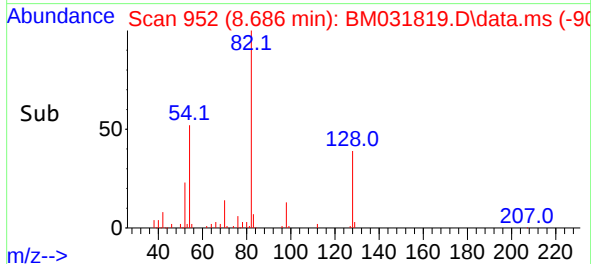
Instrument :
BNA_M
ClientSampleId :
72-11966



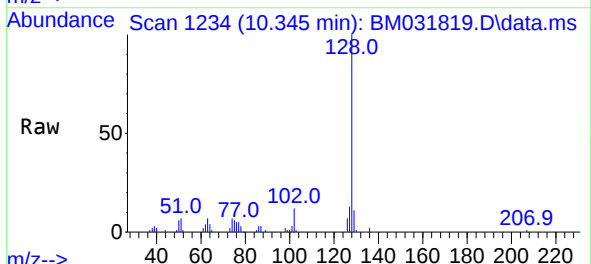
Tgt Ion: 82 Resp: 76298
Ion Ratio Lower Upper
82 100
128 39.1 31.1 46.7
54 52.5 37.3 55.9

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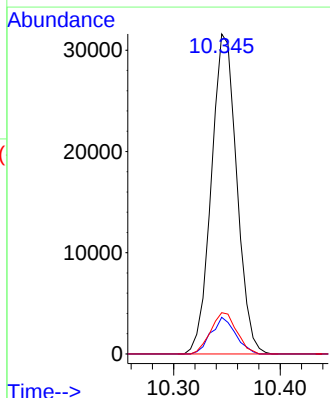
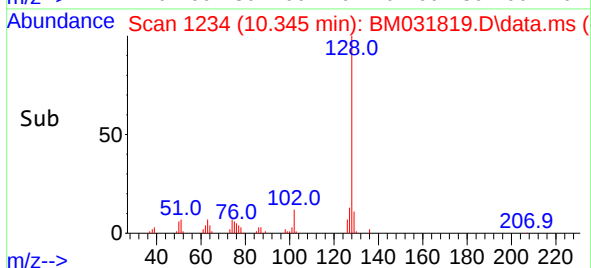
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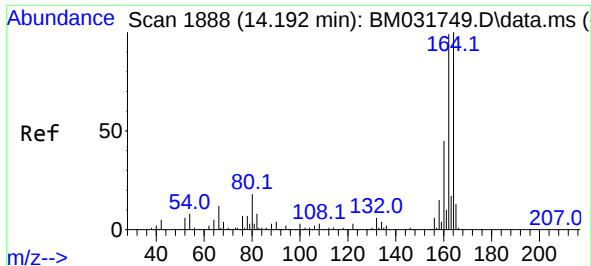


#31
Naphthalene
Concen: 3.339 ng
RT: 10.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



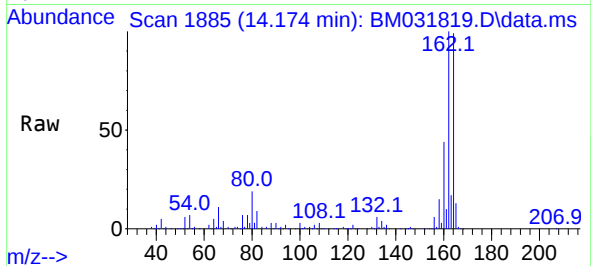
Tgt Ion: 128 Resp: 52322
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 12.9 10.8 16.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

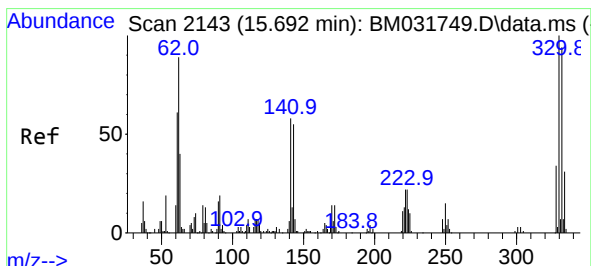
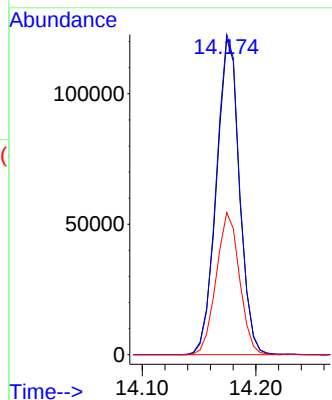
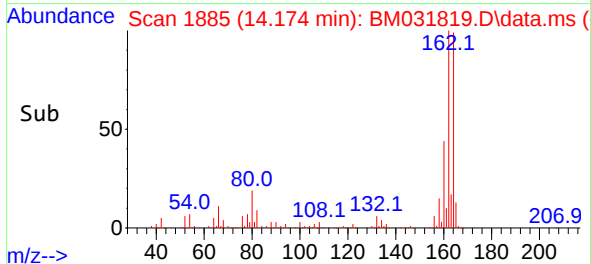
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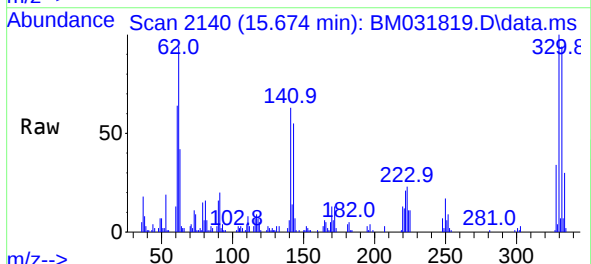
Tgt Ion:164 Resp: 170655
Ion Ratio Lower Upper
164 100
162 101.3 83.4 125.0
160 45.0 37.2 55.8

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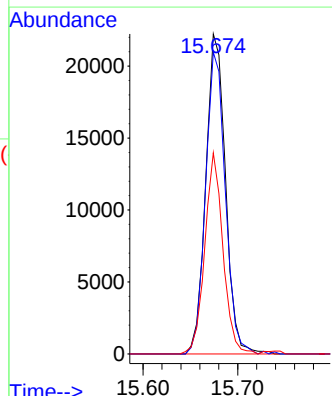
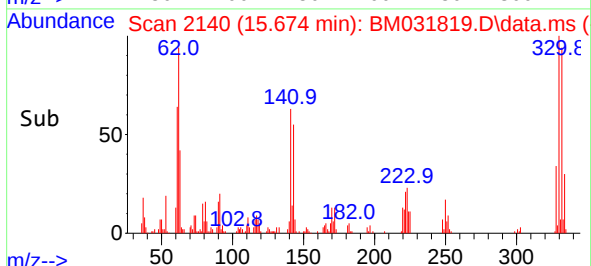
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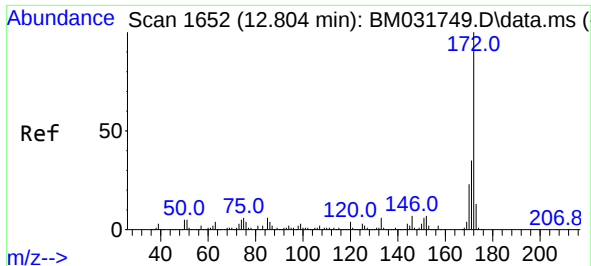


#42
2,4,6-Tribromophenol
Concen: 15.318 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



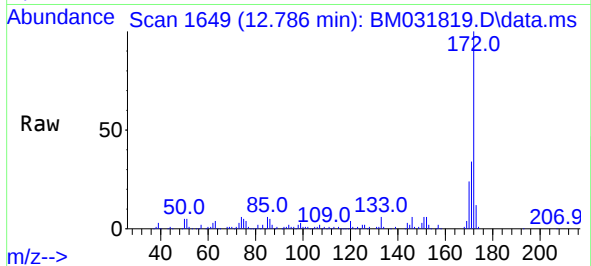
Tgt Ion:330 Resp: 32197
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.4
141 58.1 30.2 45.2#





#45
2-Fluorobiphenyl
Concen: 12.132 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

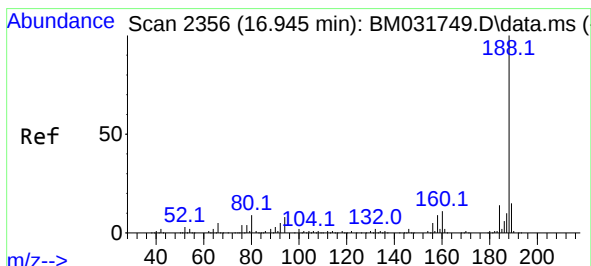
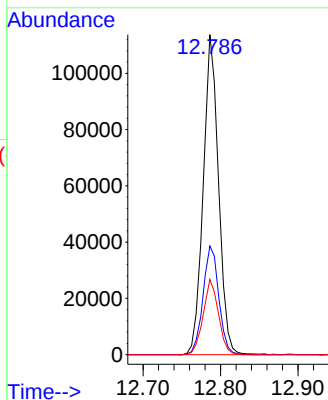
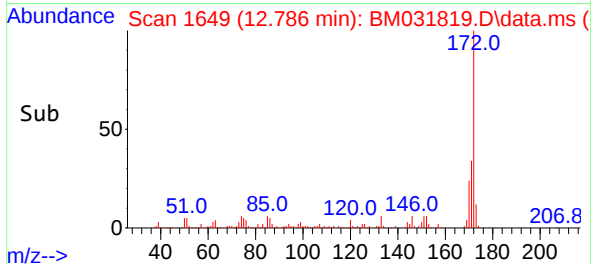
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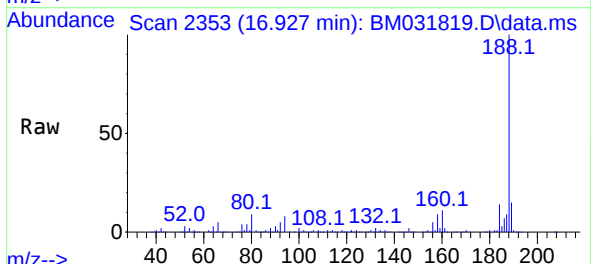
Tgt Ion:172 Resp: 155545
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 23.5 18.4 27.6

Manual Integrations
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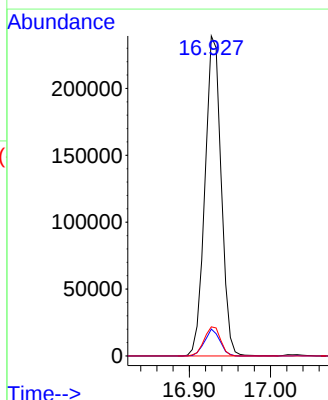
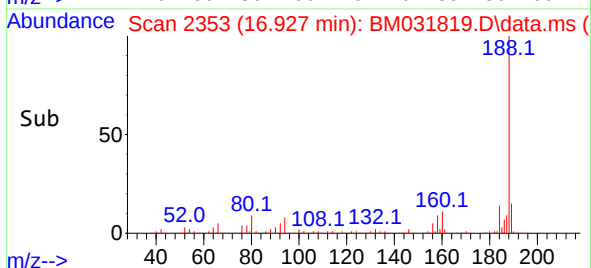
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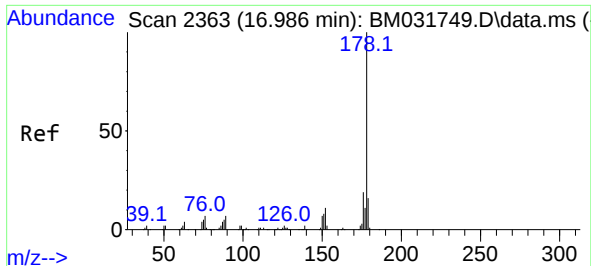


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



Tgt Ion:188 Resp: 330772
Ion Ratio Lower Upper
188 100
94 8.4 6.0 9.0
80 9.1 6.6 9.8





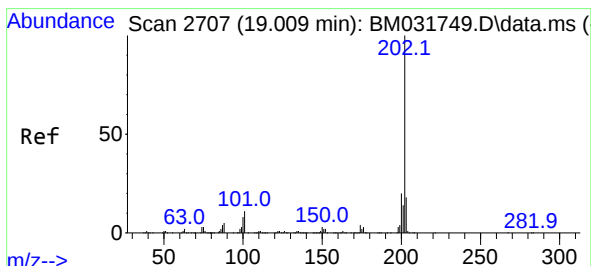
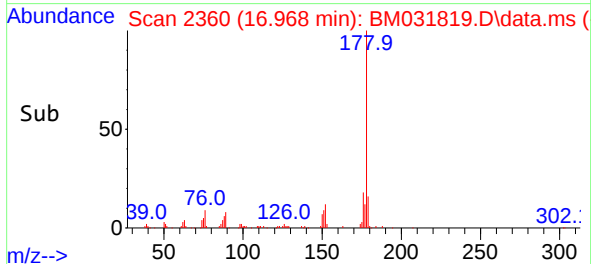
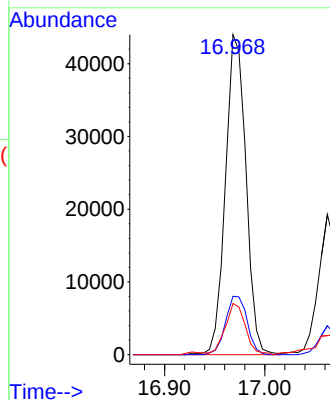
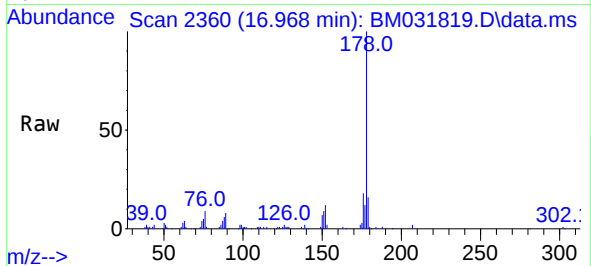
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Phenanthrene
Concen: 3.100 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:178 Resp: 62531
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 16.0 12.2 18.4

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72-11966

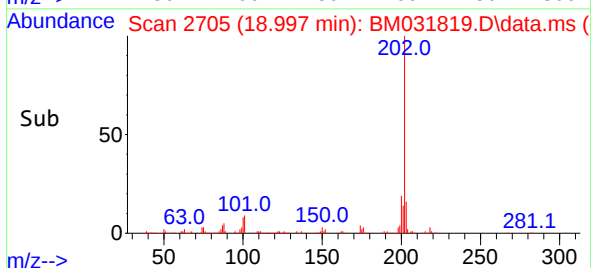
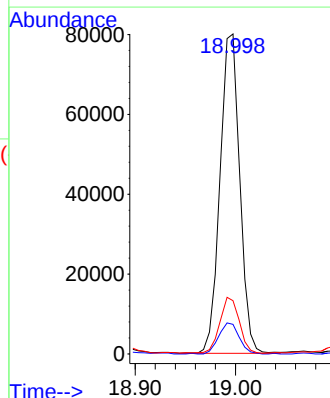
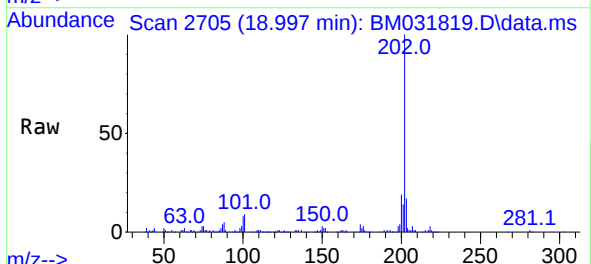
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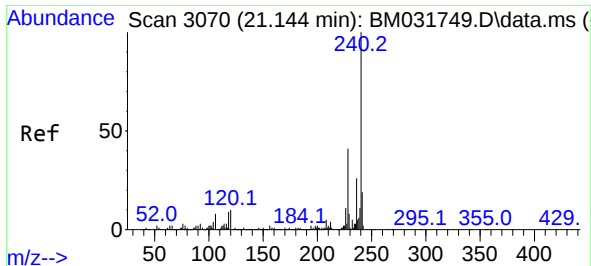
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#75
Fluoranthene
Concen: 4.529 ng
RT: 18.997 min Scan# 2705
Delta R.T. -0.000 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:202 Resp: 109440
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.6
203 16.7 0.0 37.3





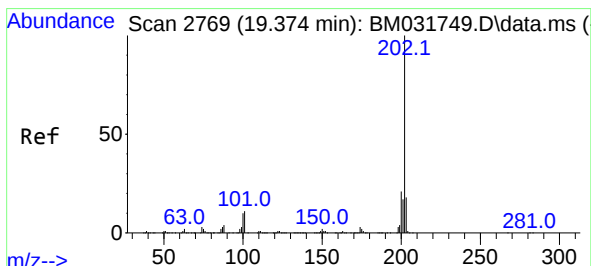
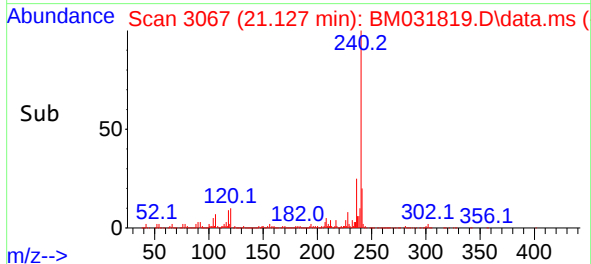
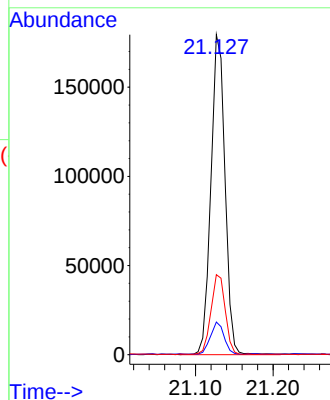
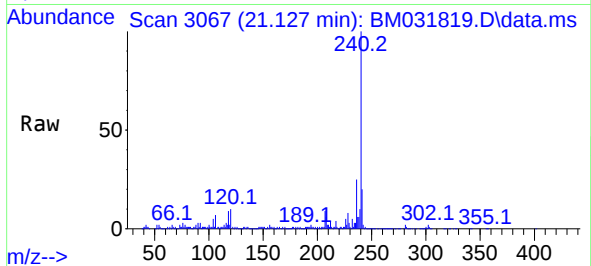
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:240 Resp: 227288
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.0 21.0 31.4

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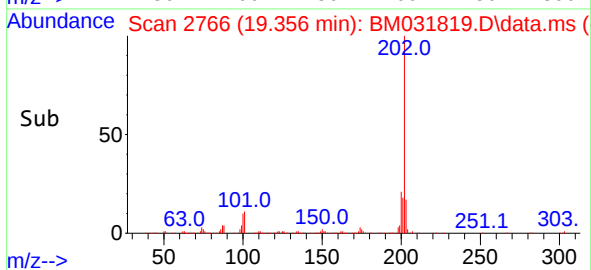
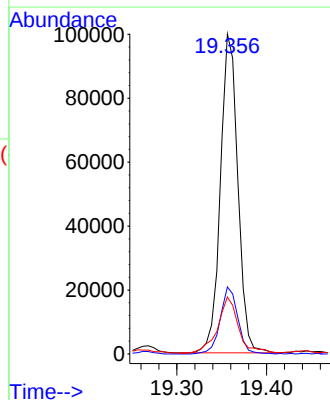
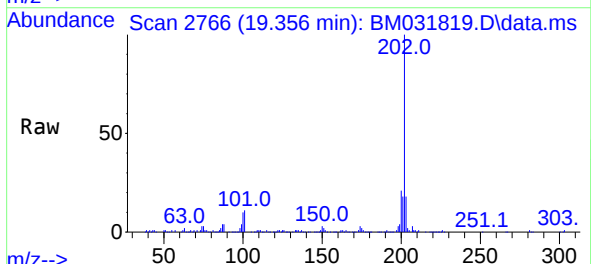
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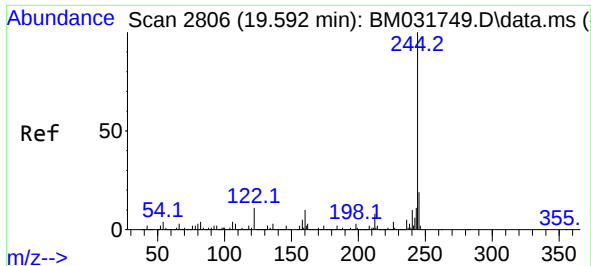
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#78
Pyrene
Concen: 8.186 ng
RT: 19.356 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:202 Resp: 134788
Ion Ratio Lower Upper
202 100
200 21.0 17.3 25.9
203 17.8 13.9 20.9





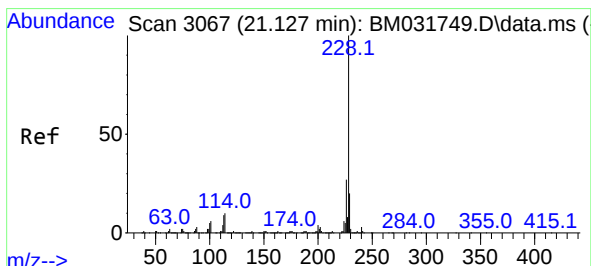
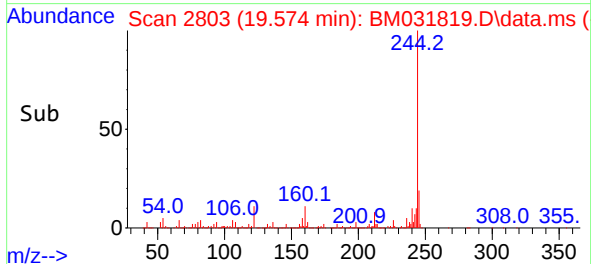
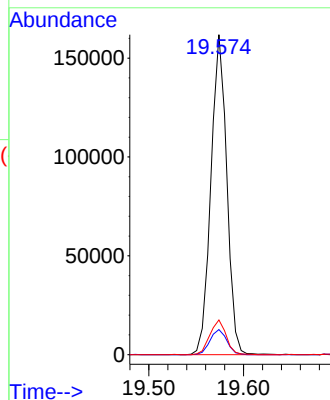
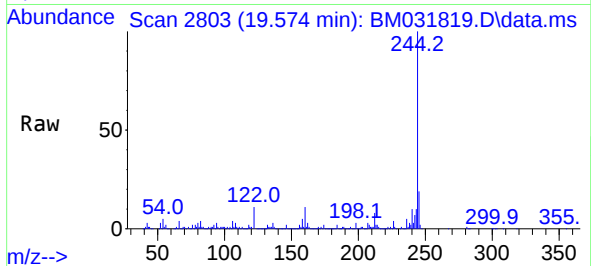
#79
Terphenyl-d14
Concen: 13.928 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:244 Resp: 187893
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 10.8 6.9 10.3#

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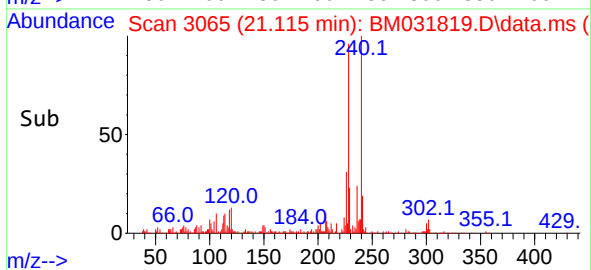
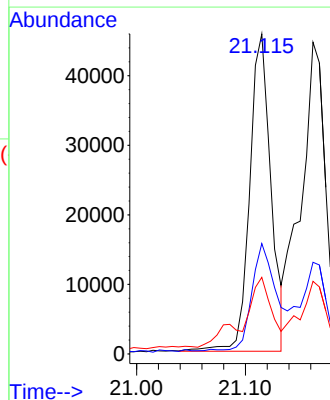
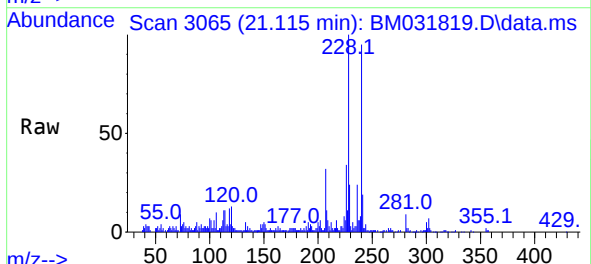
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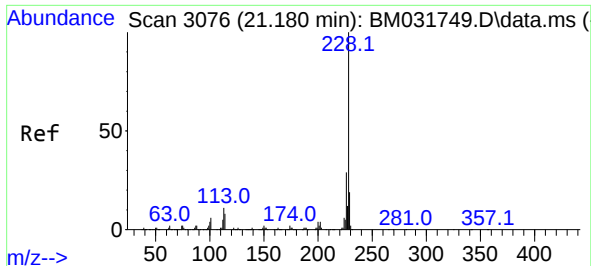
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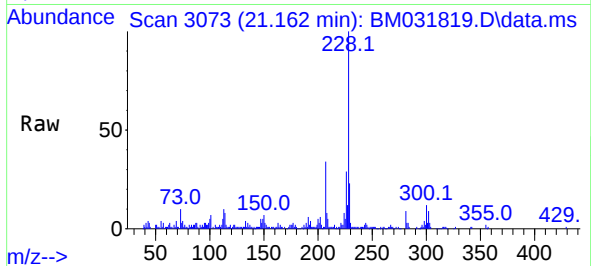
#81
Benzo(a)anthracene
Concen: 3.721 ng m
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:228 Resp: 61949
Ion Ratio Lower Upper
228 100
226 34.5 22.3 33.5#
229 24.0 15.7 23.5#

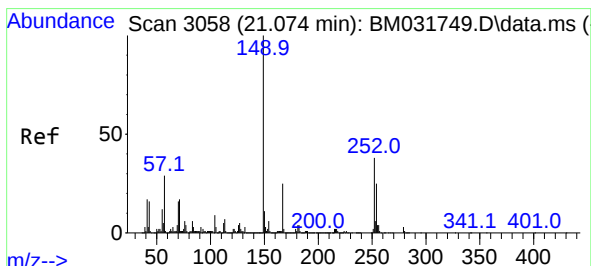
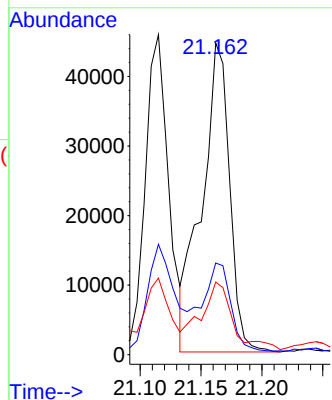
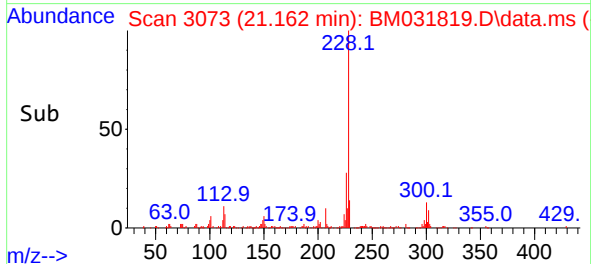




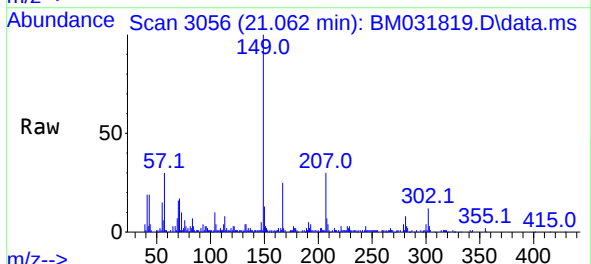
#83
Chrysene
Concen: 4.351 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.012 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



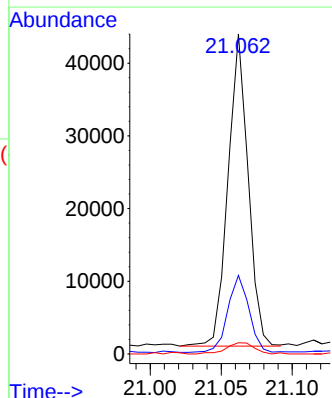
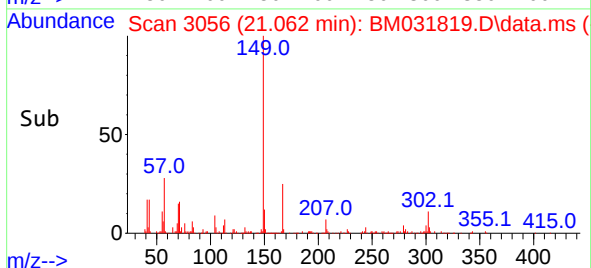
Tgt Ion:228 Resp: 70615
Ion Ratio Lower Upper
228 100
226 29.4 24.6 36.8
229 23.3 15.5 23.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.467 ng
RT: 21.062 min Scan# 3056
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22



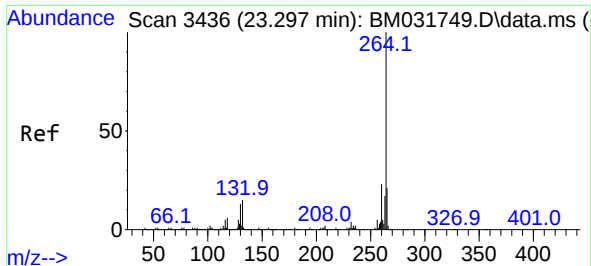
Tgt Ion:149 Resp: 42286
Ion Ratio Lower Upper
149 100
167 24.6 22.6 33.8
279 3.5 3.8 5.8#



Instrument :
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ClientSampleId :
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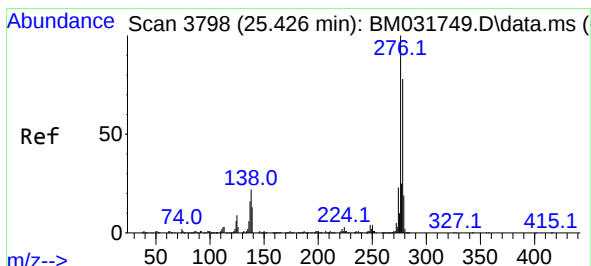
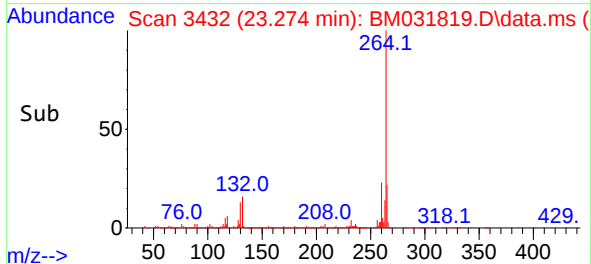
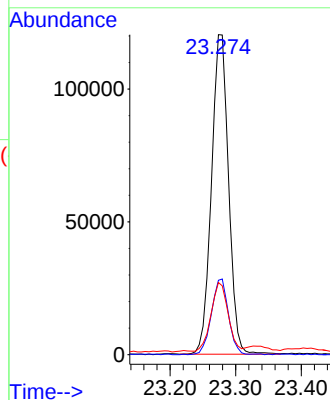
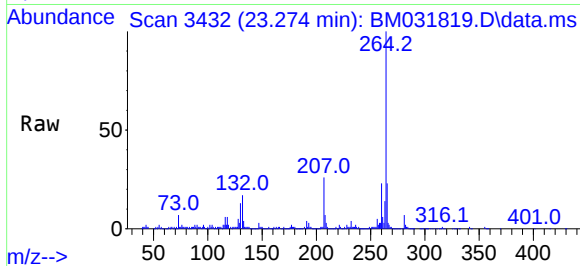
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:	264	Resp:	218105
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.8	29.8
265	22.5	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
72-11966

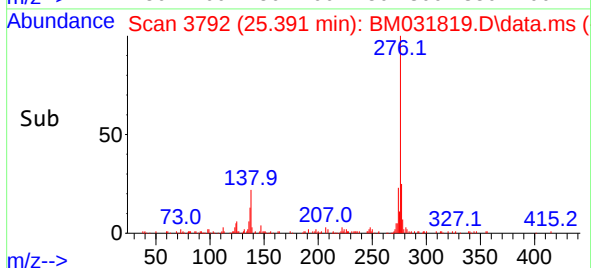
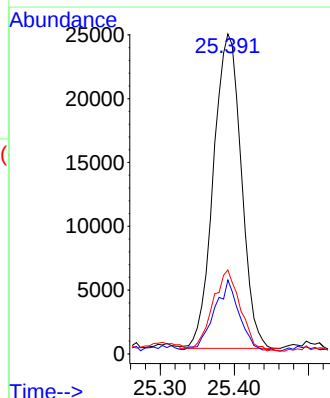
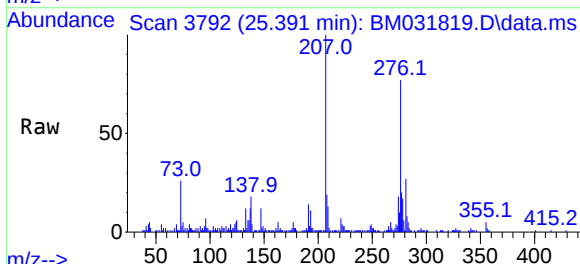
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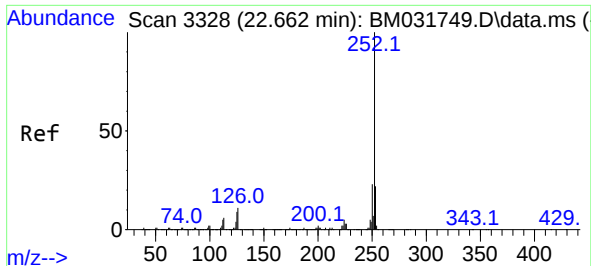
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.183 ng
RT: 25.391 min Scan# 3792
Delta R.T. -0.018 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:	276	Resp:	64292
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.1	25.7
277	26.0	20.3	30.5





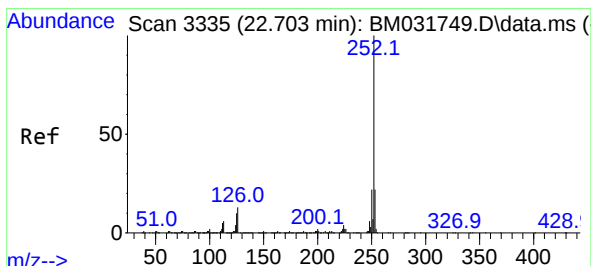
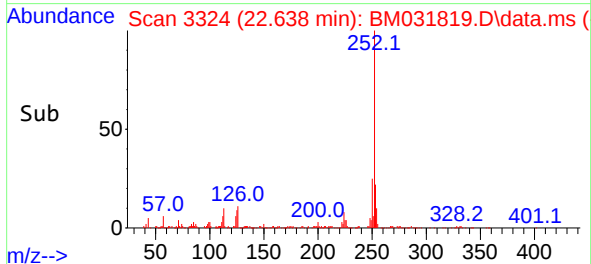
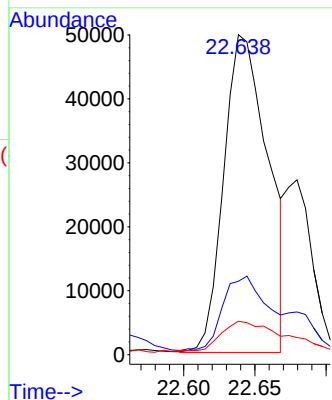
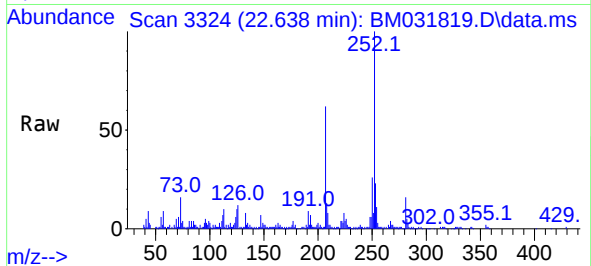
#88
Benzo(b)fluoranthene
Concen: 6.552 ng m
RT: 22.638 min Scan# 3324
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:252 Resp: 107300
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 10.4 6.8 10.2#

Instrument :
BNA_M
ClientSampleId :
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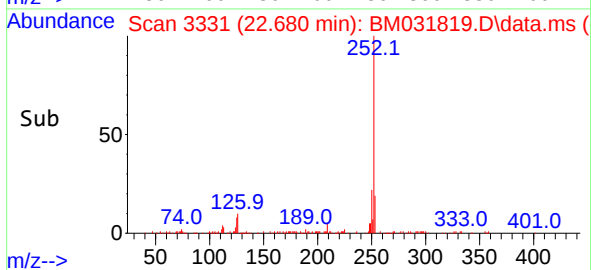
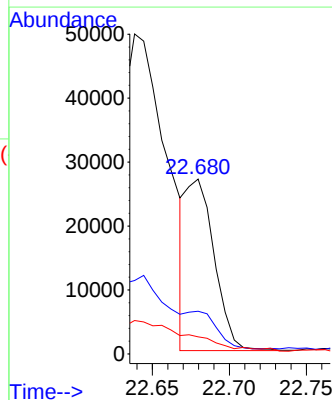
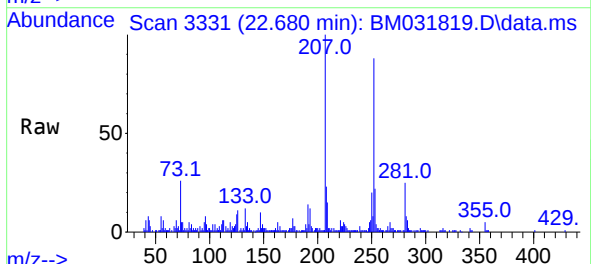
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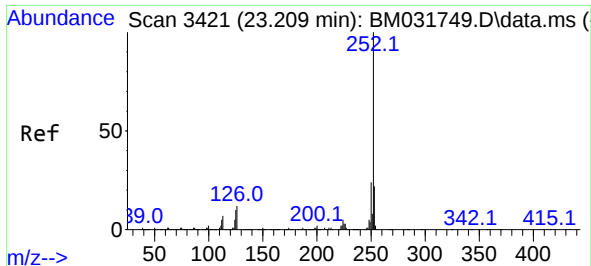
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#89
Benzo(k)fluoranthene
Concen: 2.157 ng m
RT: 22.680 min Scan# 3331
Delta R.T. -0.012 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:252 Resp: 34095
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 9.8 6.2 9.2#





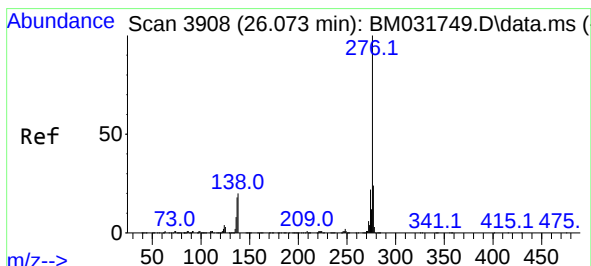
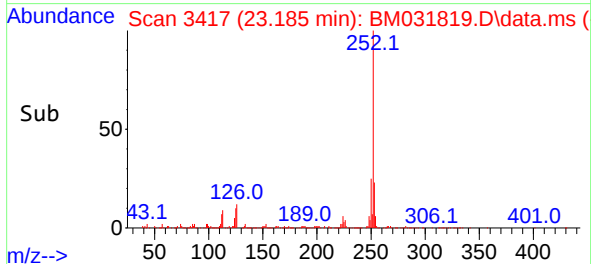
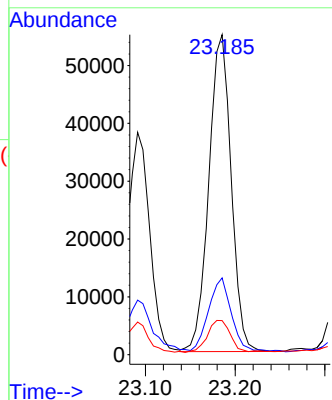
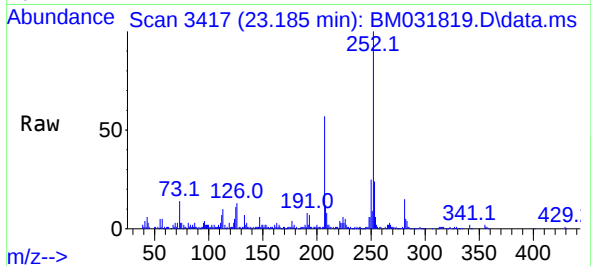
#90
Benzo(a)pyrene
Concen: 6.539 ng
RT: 23.185 min Scan# 3417
Delta R.T. -0.006 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:	252	Resp:	94805
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.7	26.5
125	10.6	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
72-11966

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#92
Benzo(g,h,i)perylene
Concen: 5.106 ng
RT: 26.038 min Scan# 3902
Delta R.T. -0.012 min
Lab File: BM031819.D
Acq: 18 Aug 2021 23:22

Tgt Ion:	276	Resp:	62852
Ion Ratio	Lower	Upper	
276	100		
277	21.7	19.4	29.2
138	21.4	14.4	21.6

