

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029733.D
 Acq On : 30 Apr 2021 17:24
 Operator : CG/JU
 Sample : M2226-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OLD-GIBBONS-COMPOSITE-OF-8

Manual Integrations
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mohammad
 5/3/2021 10:49:32 AM

Quant Time: Apr 30 18:22:41 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	7.592	152	79763	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	282853	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	208352	20.00	ng	0.00
64) Phenanthrene-d10	16.980	188	472621	20.00	ng	-0.01
76) Chrysene-d12	21.168	240	523218	20.00	ng	-0.01
86) Perylene-d12	23.344	264	560536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	159927	41.80	ng	0.00
7) Phenol-d6	6.775	99	216040	41.59	ng	0.00
23) Nitrobenzene-d5	8.745	82	147118	30.05	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	101555	30.70	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	504330	31.39	ng	-0.01
79) Terphenyl-d14	19.615	244	835352	29.30	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.027	178	292315	10.98	ng	98
72) Anthracene	17.115	178	88802	3.36	ng	98
75) Fluoranthene	19.045	202	435650	13.32	ng	98
78) Pyrene	19.403	202	443790	13.23	ng	97
81) Benzo(a)anthracene	21.150	228	223882	6.58	ng	98
83) Chrysene	21.203	228	209249	6.19	ng	96
88) Benzo(b)fluoranthene	22.691	252	248389m	6.70	ng	
89) Benzo(k)fluoranthene	22.733	252	94802m	2.64	ng	
90) Benzo(a)pyrene	23.250	252	191046	5.63	ng	98
92) Benzo(g,h,i)perylene	26.179	276	128809	3.73	ng	98

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

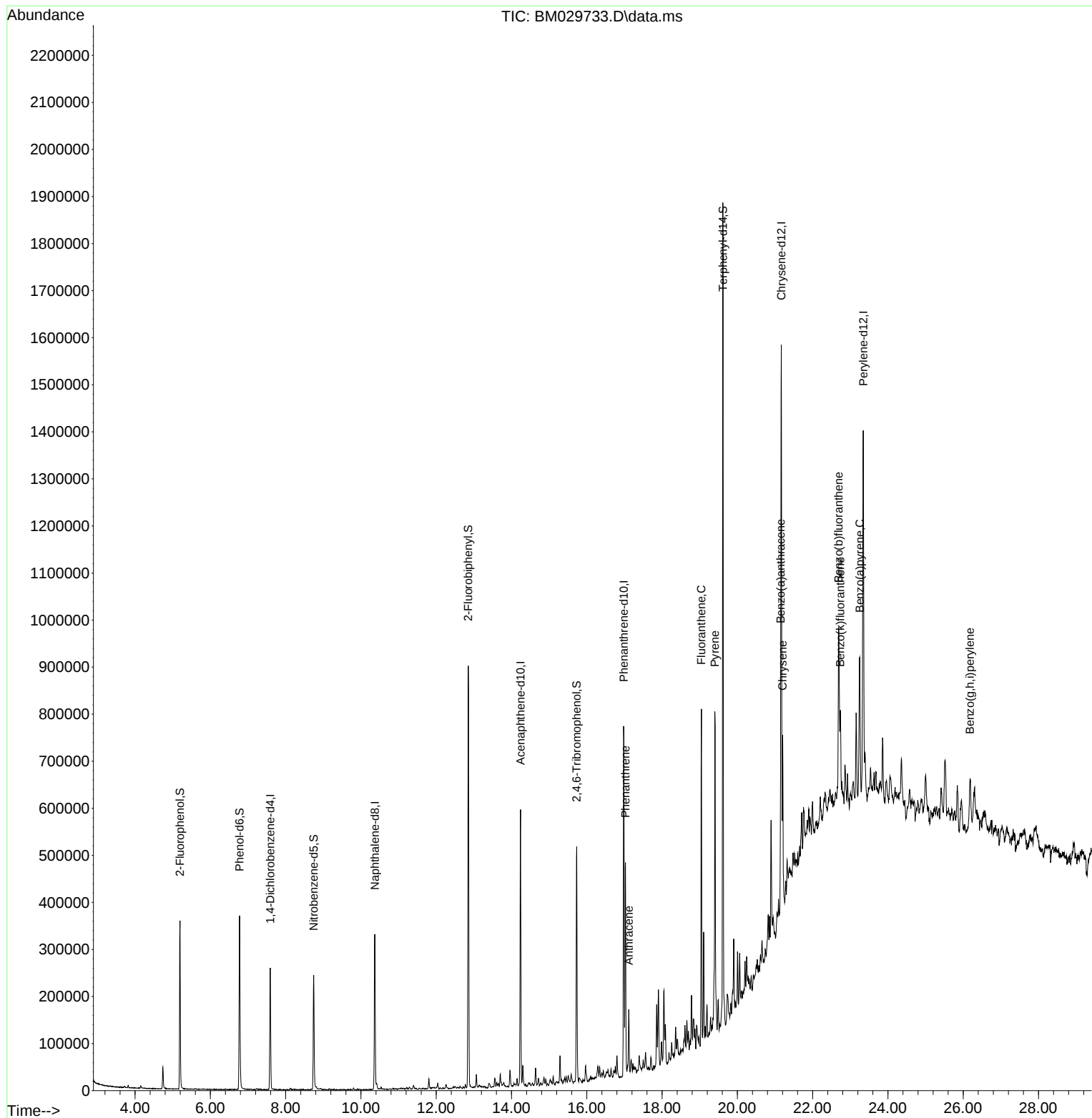
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029733.D
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ALS Vial : 11 Sample Multiplier: 1

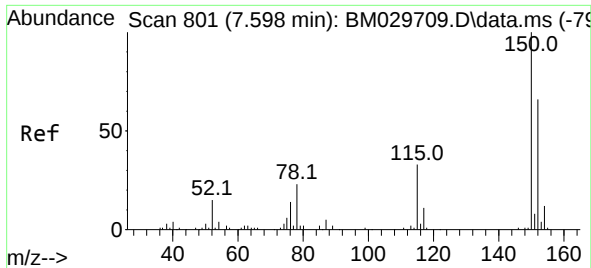
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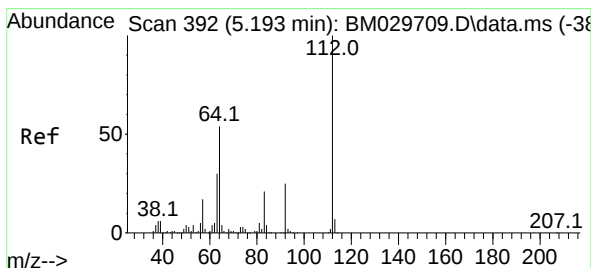
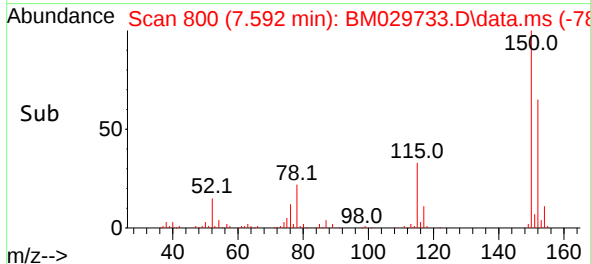
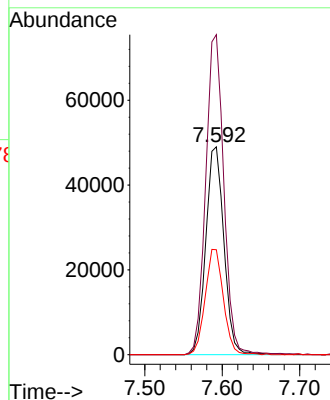
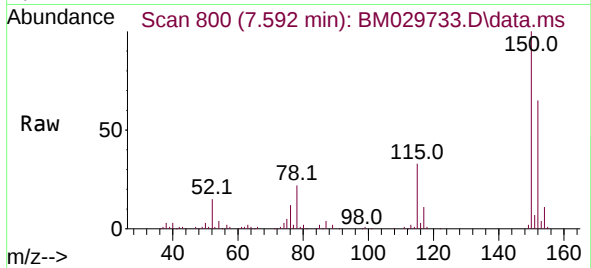
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.592 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.9	188.9
115	50.5	44.6	67.0

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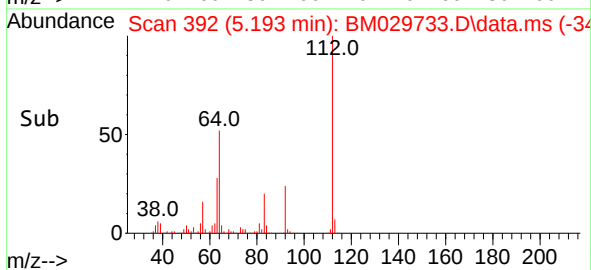
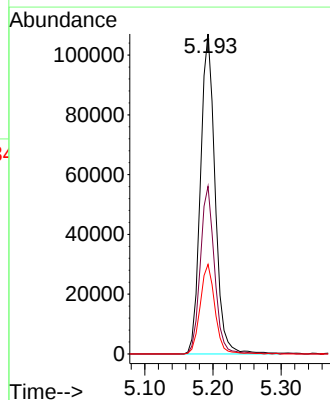
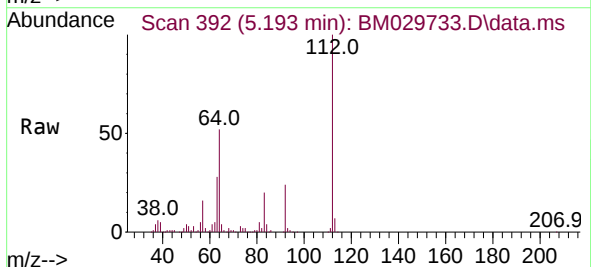
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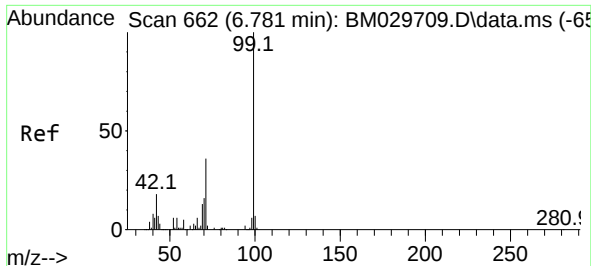
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#5
2-Fluorophenol
Concen: 41.80 ng
RT: 5.193 min Scan# 392
Delta R.T. 0.000 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

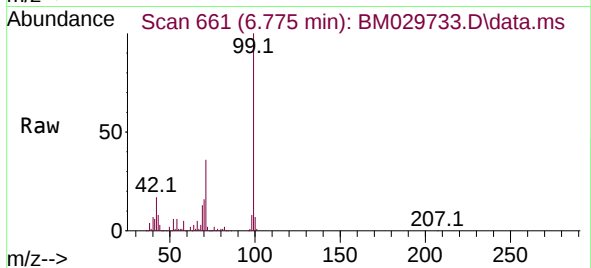
Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.1	70.7
63	28.0	27.3	40.9





#7
Phenol-d6
Concen: 41.59 ng
RT: 6.775 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

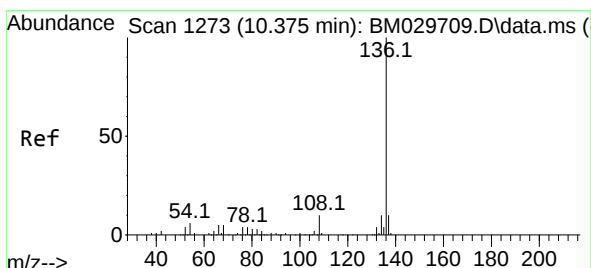
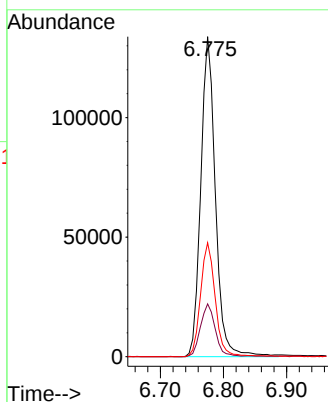
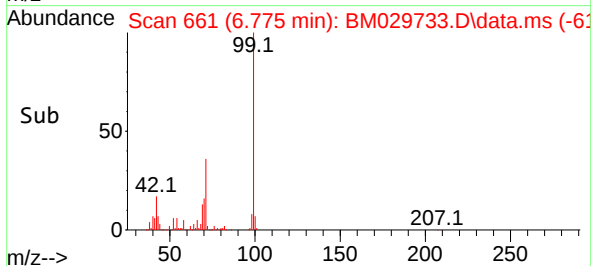
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8



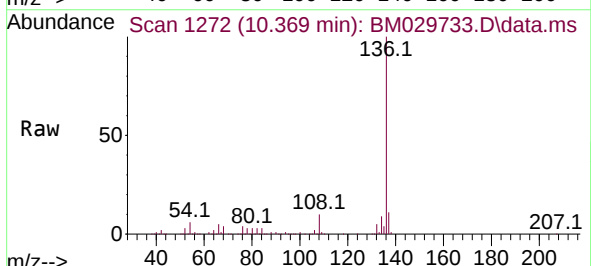
Tgt Ion: 99 Resp: 216040
Ion Ratio Lower Upper
99 100
42 16.5 18.0 27.0#
71 35.6 30.9 46.3

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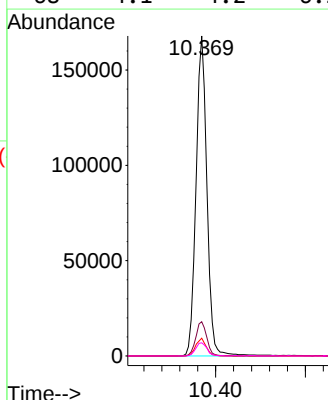
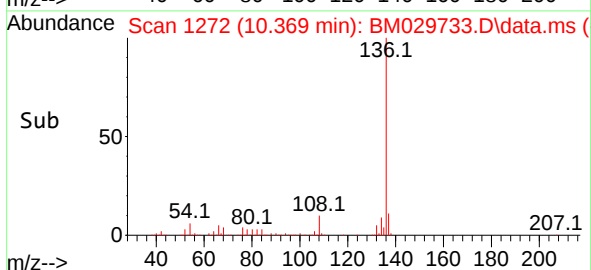
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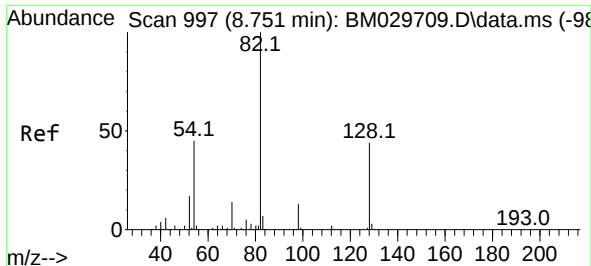


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



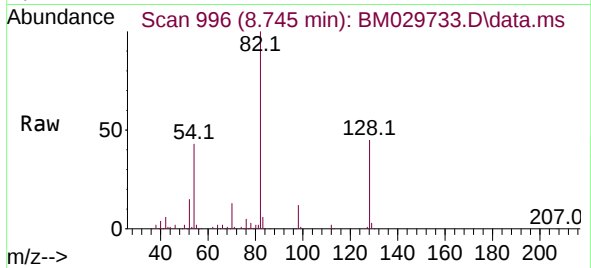
Tgt Ion: 136 Resp: 282853
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.6 5.5 8.3
68 4.1 4.2 6.2#





#23
Nitrobenzene-d5
Concen: 30.05 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

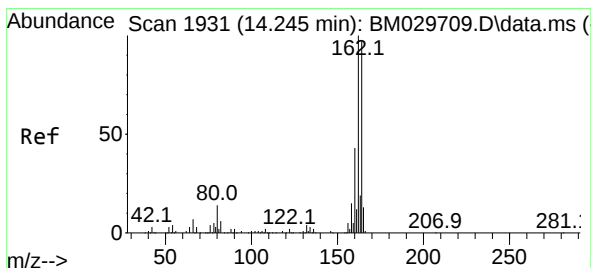
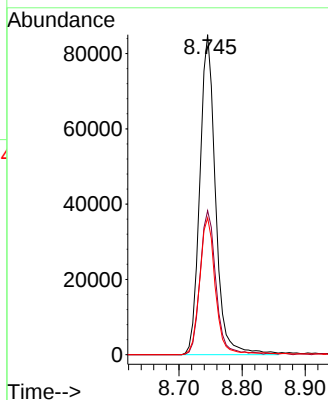
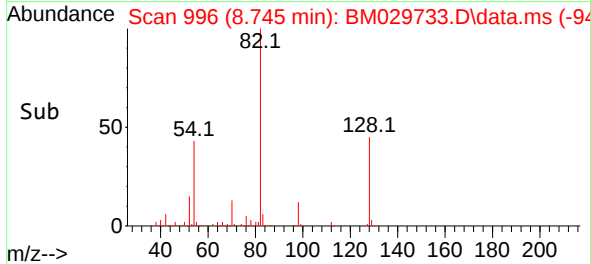
Instrument :
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ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8



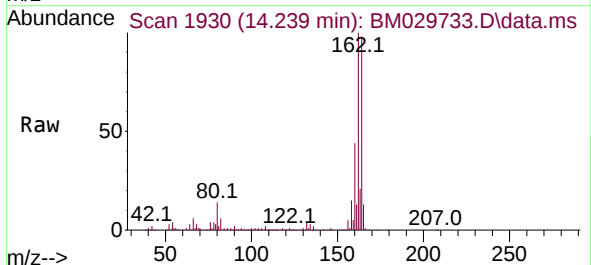
Tgt Ion: 82 Resp: 147118
Ion Ratio Lower Upper
82 100
128 45.0 31.1 46.7
54 42.7 37.3 55.9

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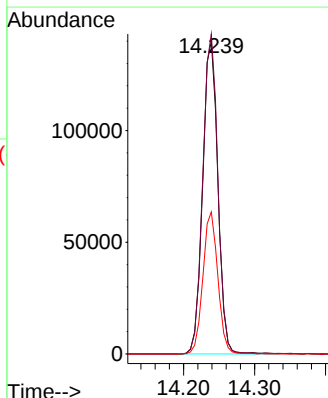
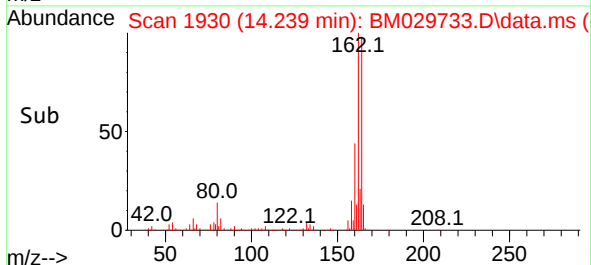
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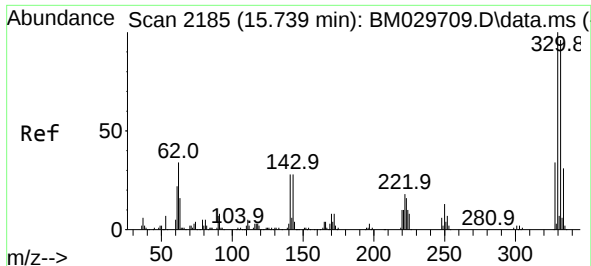


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



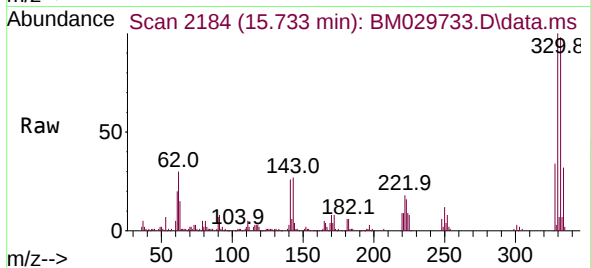
Tgt Ion: 164 Resp: 208352
Ion Ratio Lower Upper
164 100
162 102.3 83.4 125.0
160 45.4 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 30.70 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

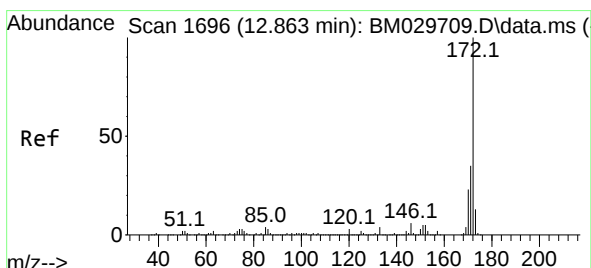
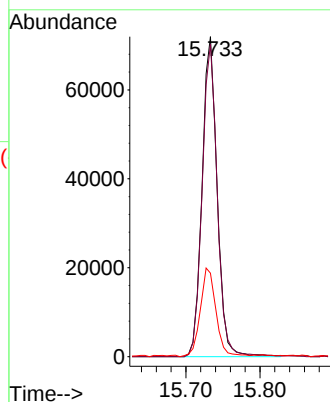
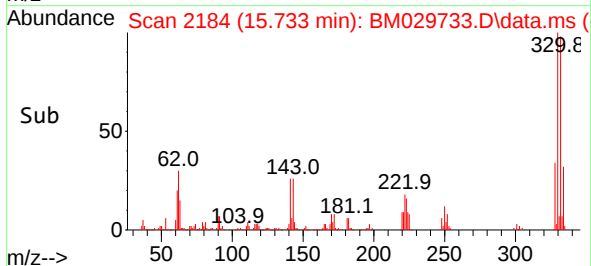
Instrument :
BNA_M
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OLD-GIBBONS-COMPOSITE-OF-8



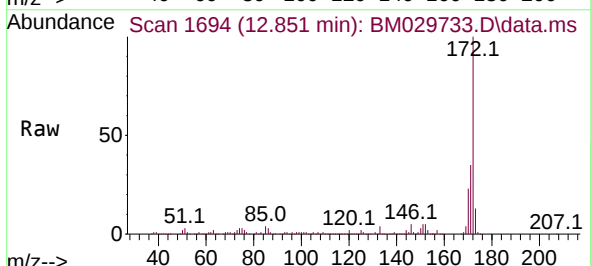
Tgt Ion:330 Resp: 101555
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.4
141 28.9 30.2 45.2#

Manual Integrations
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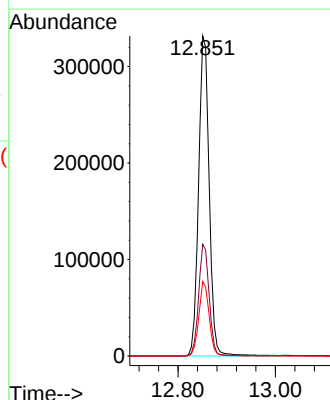
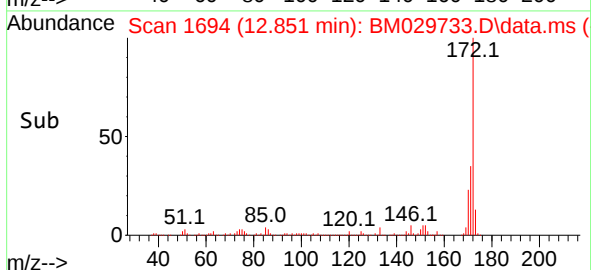
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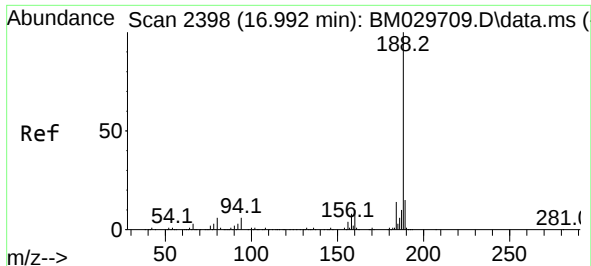


#45
2-Fluorobiphenyl
Concen: 31.39 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

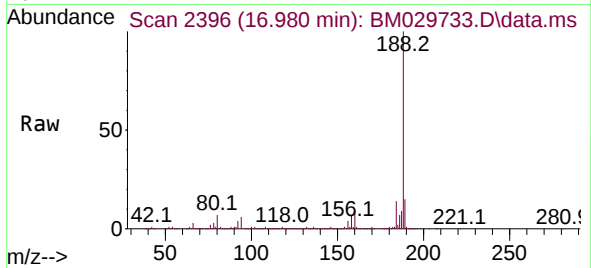


Tgt Ion:172 Resp: 504330
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.4 27.6

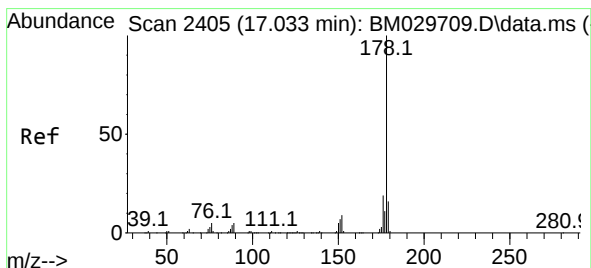
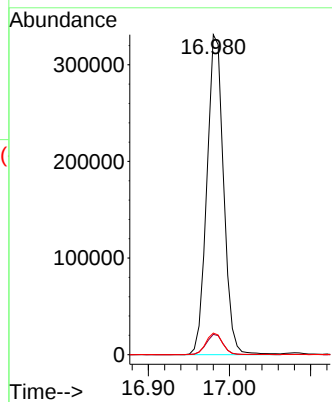
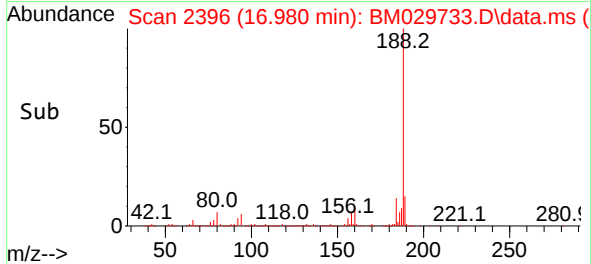




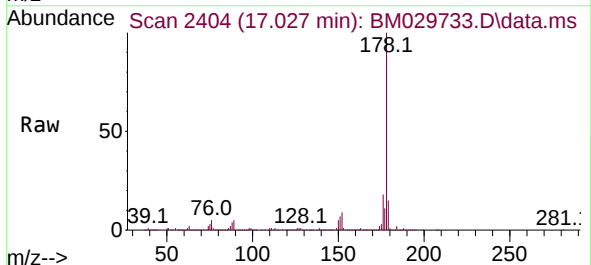
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.980 min Scan# 2396
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



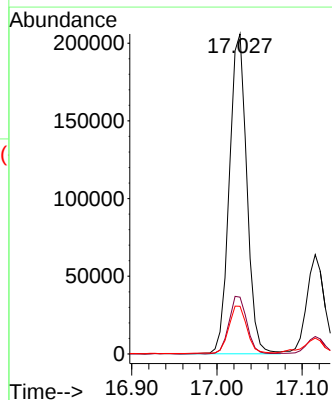
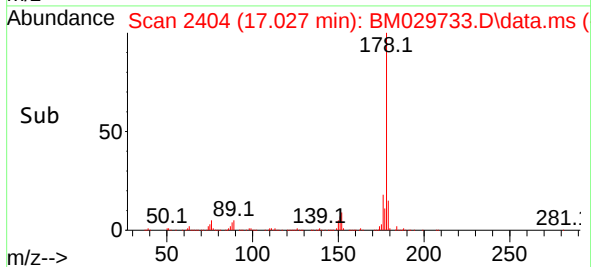
Tgt Ion:188 Resp: 472621
Ion Ratio Lower Upper
188 100
94 6.4 6.0 9.0
80 6.8 6.6 9.8



#71
Phenanthrene
Concen: 10.98 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



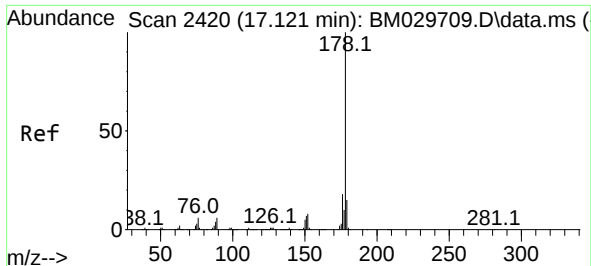
Tgt Ion:178 Resp: 292315
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.0
179 14.9 12.2 18.4



Instrument :
BNA_M
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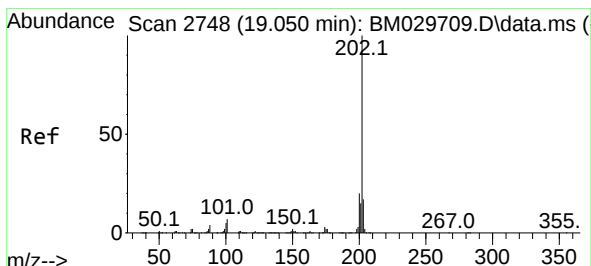
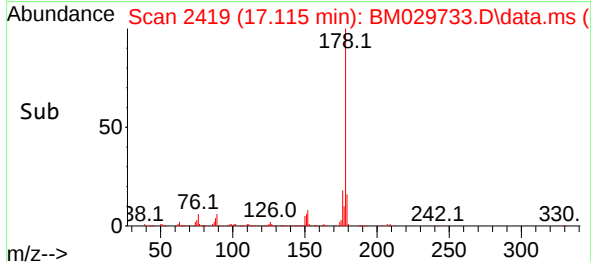
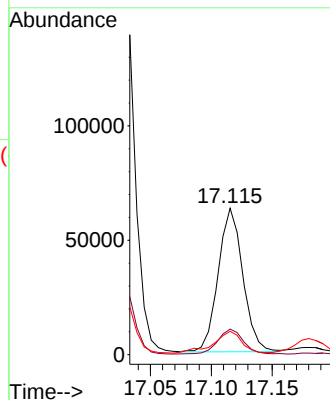
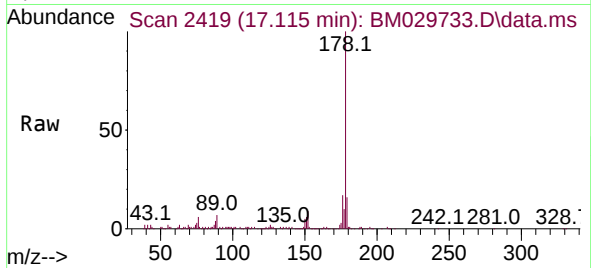
#72
 Anthracene
 Concen: 3.36 ng
 RT: 17.115 min Scan# 2419
 Delta R.T. -0.006 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24

Tgt Ion:178 Resp: 88802
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.0 22.4
 179 16.0 12.5 18.7

Instrument :
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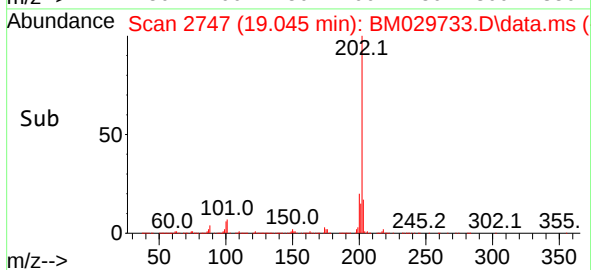
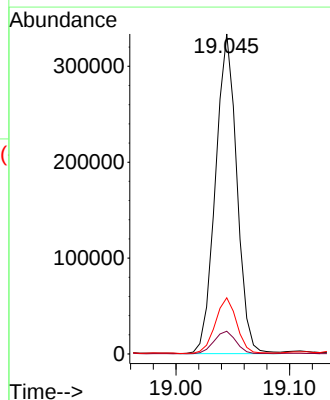
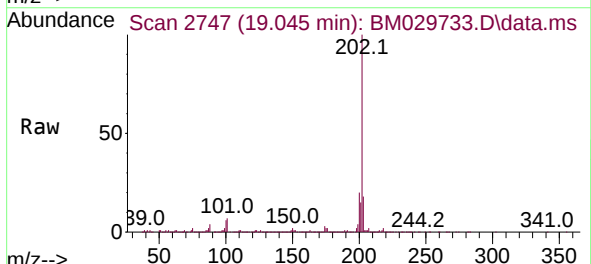
Manual Integrations
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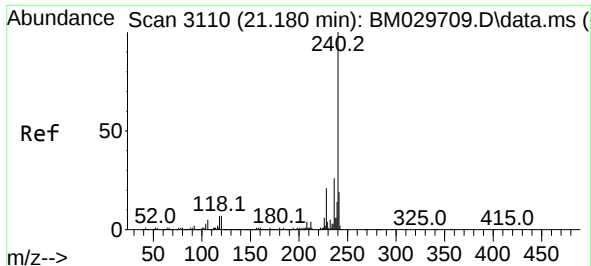
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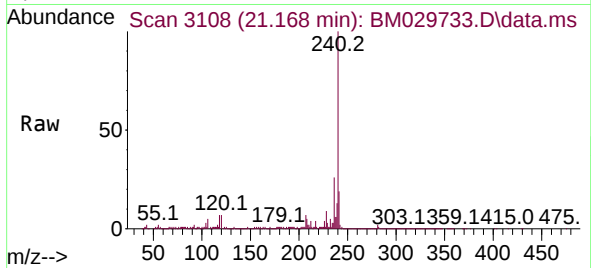
#75
 Fluoranthene
 Concen: 13.32 ng
 RT: 19.045 min Scan# 2747
 Delta R.T. -0.006 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24

Tgt Ion:202 Resp: 435650
 Ion Ratio Lower Upper
 202 100
 101 7.1 0.0 28.6
 203 17.6 0.0 37.3

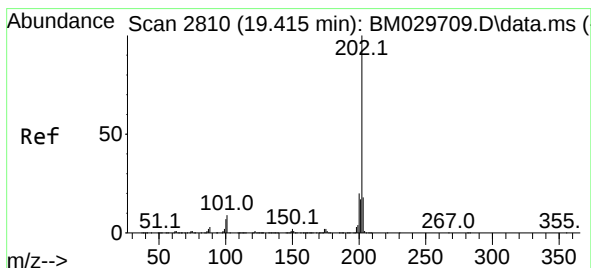
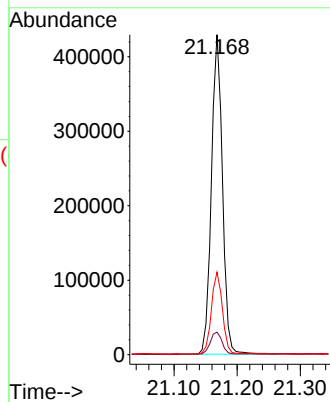
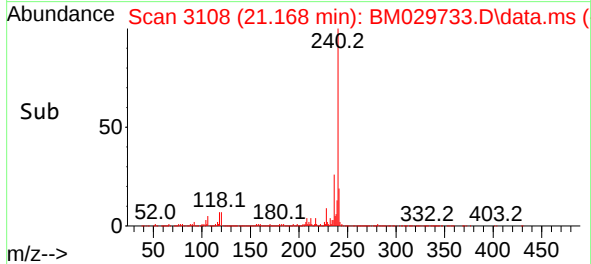




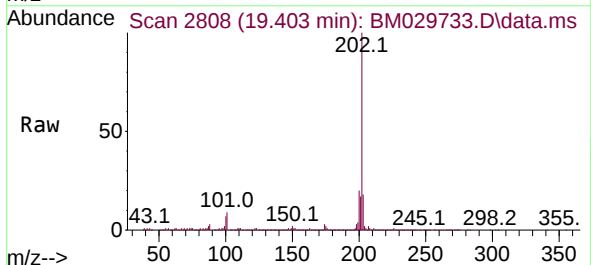
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



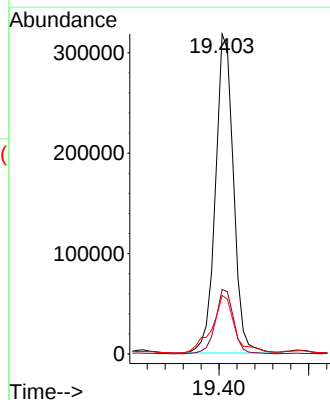
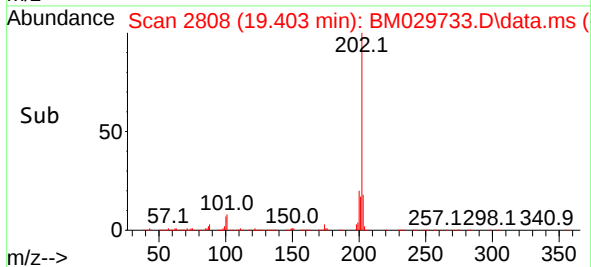
Tgt Ion:240 Resp: 523218
Ion Ratio Lower Upper
240 100
120 7.1 7.0 10.6
236 25.8 21.0 31.4



#78
Pyrene
Concen: 13.23 ng
RT: 19.403 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24



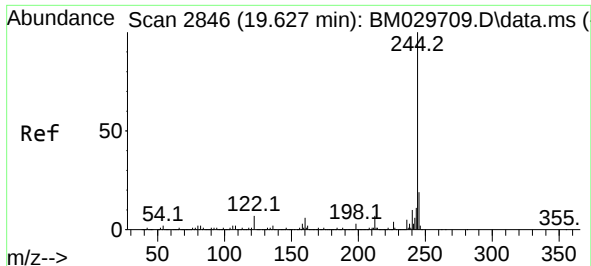
Tgt Ion:202 Resp: 443790
Ion Ratio Lower Upper
202 100
200 20.1 17.3 25.9
203 18.3 13.9 20.9



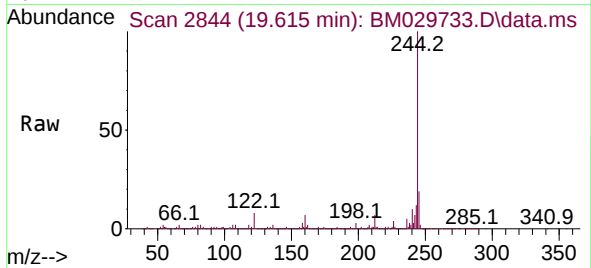
Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

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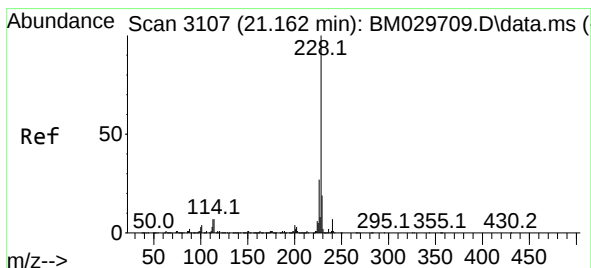
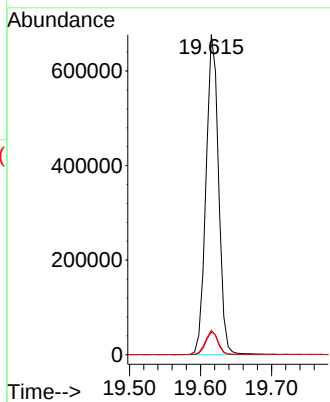
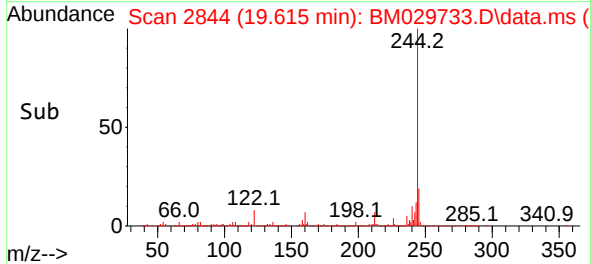
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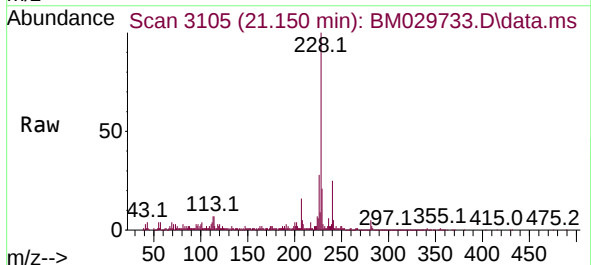
#79
 Terphenyl-d14
 Concen: 29.30 ng
 RT: 19.615 min Scan# 2844
 Delta R.T. -0.012 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24



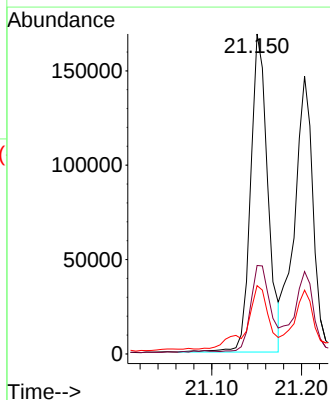
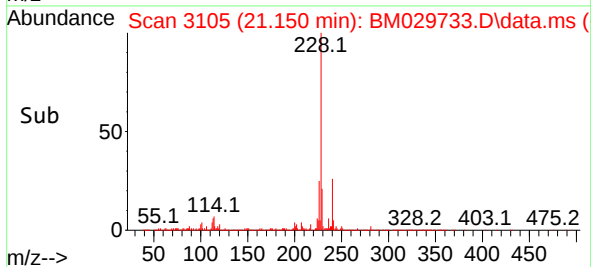
Tgt Ion:244 Resp: 835352
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 7.6 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 6.58 ng
 RT: 21.150 min Scan# 3105
 Delta R.T. -0.012 min
 Lab File: BM029733.D
 Acq: 30 Apr 2021 17:24



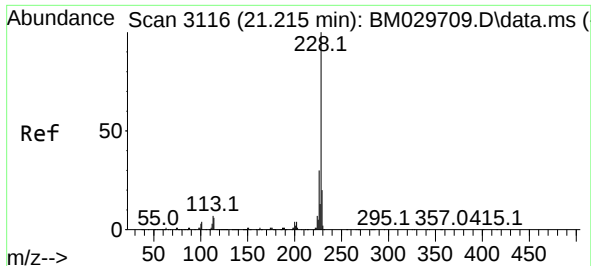
Tgt Ion:228 Resp: 223882
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.3 33.5
 229 21.3 15.7 23.5



Instrument :
 BNA_M
 ClientSampleId :
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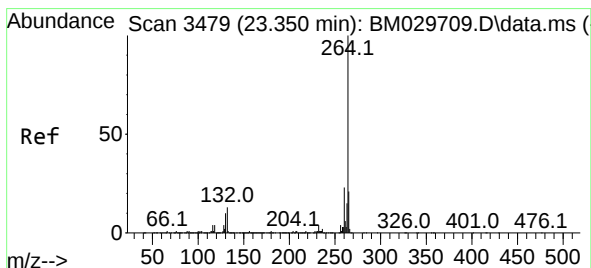
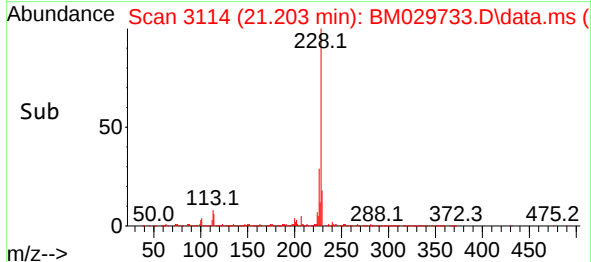
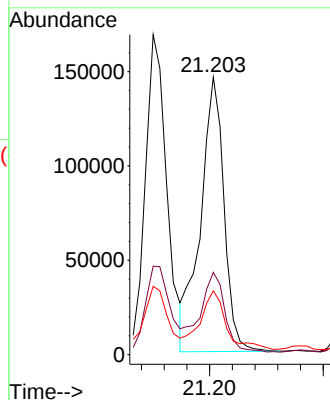
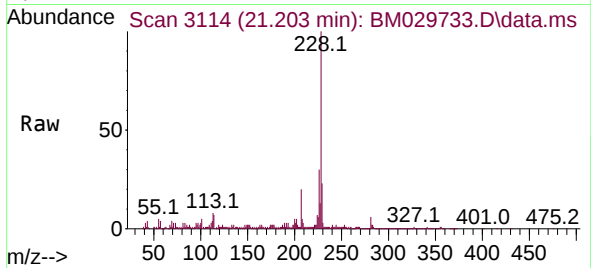
#83
Chrysene
Concen: 6.19 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:	228	Resp:	209249
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.6	36.8
229	23.0	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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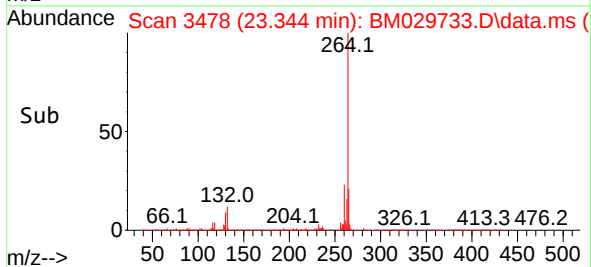
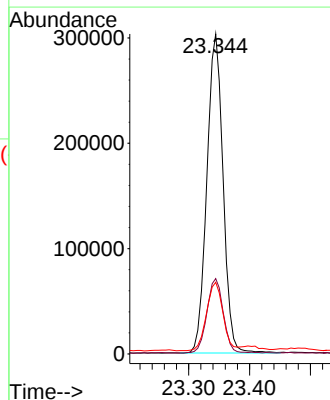
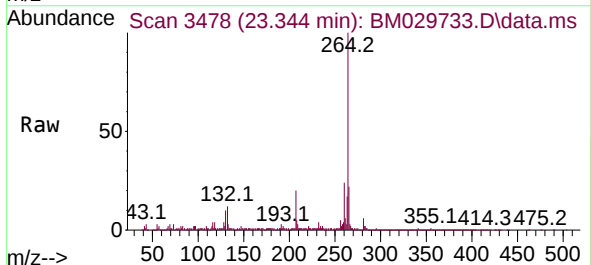
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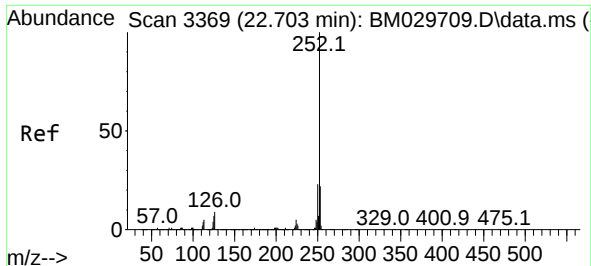
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.344 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:	264	Resp:	560536
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.8	29.8
265	22.4	17.7	26.5





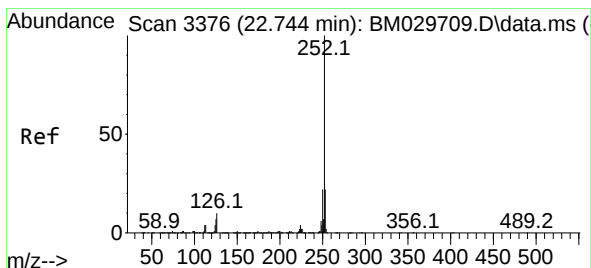
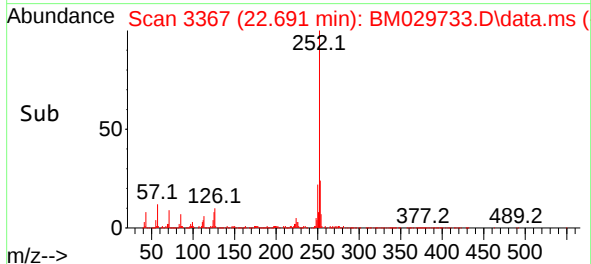
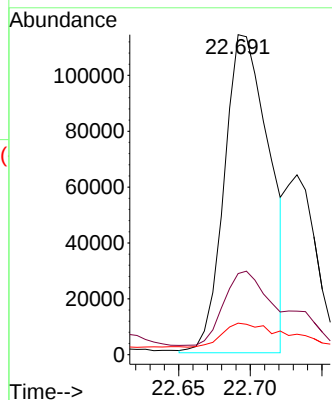
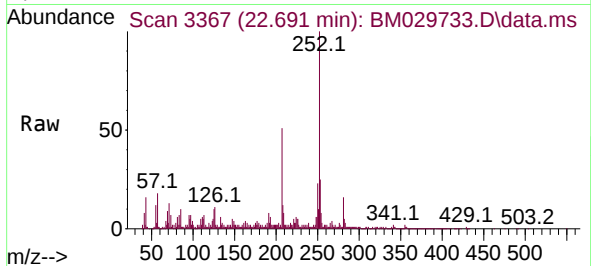
#88
Benzo(b)fluoranthene
Concen: 6.70 ng m
RT: 22.691 min Scan# 3367
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:252 Resp: 248389
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.0
125 9.9 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
OLD-GIBBONS-COMPOSITE-OF-8

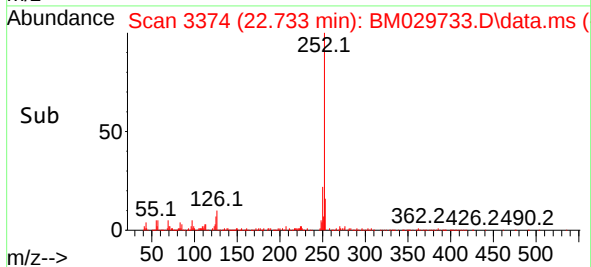
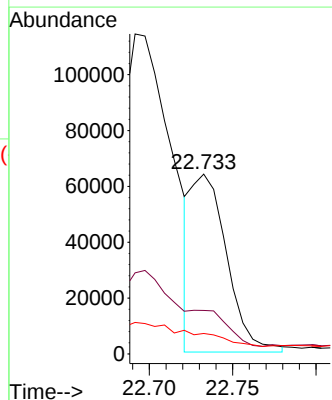
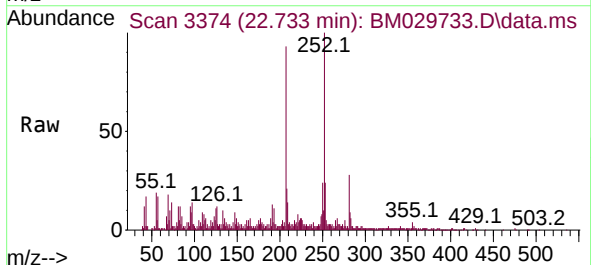
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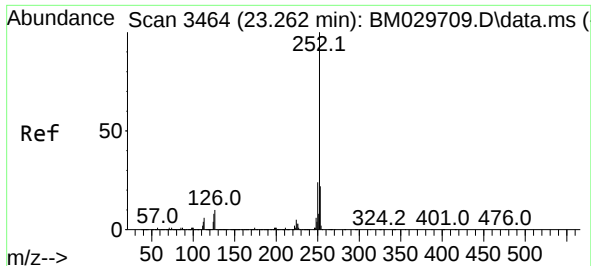
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#89
Benzo(k)fluoranthene
Concen: 2.64 ng m
RT: 22.733 min Scan# 3374
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:252 Resp: 94802
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 11.4 6.2 9.2#





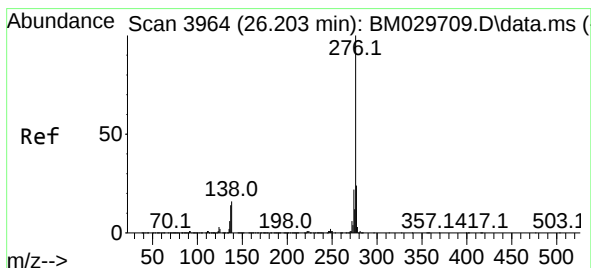
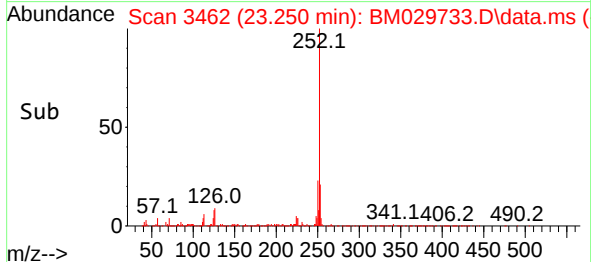
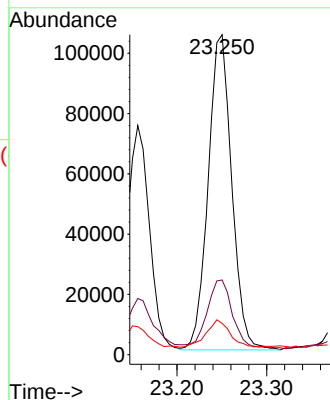
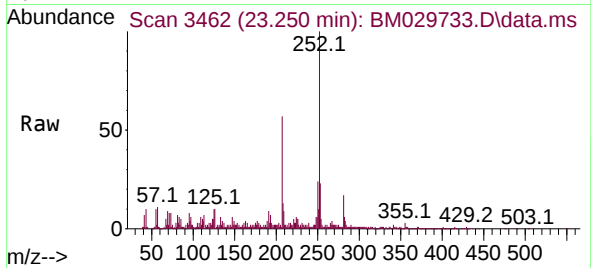
#90
Benzo(a)pyrene
Concen: 5.63 ng
RT: 23.250 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:	252	Resp:	191046
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.7	26.5
125	9.8	7.3	10.9

Instrument :
BNA_M
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 3.73 ng
RT: 26.179 min Scan# 3960
Delta R.T. -0.023 min
Lab File: BM029733.D
Acq: 30 Apr 2021 17:24

Tgt Ion:	276	Resp:	128809
Ion Ratio	Lower	Upper	
276	100		
277	22.5	19.4	29.2
138	18.0	14.4	21.6

