

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
 Data File : BM028630.D
 Acq On : 02 Feb 2021 19:48
 Operator : CG/JU
 Sample : M1286-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ_BH_02_4-6

Manual Integrations
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Quant Time: Feb 02 23:42:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	27599	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	106932	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	57671	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	111774	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	108532	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	111853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	168538	96.46	ng	-0.01
7) Phenol-d6	7.104	99	210866	88.64	ng	-0.02
23) Nitrobenzene-d5	9.104	82	130488	57.88	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	71075	93.02	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	271923	59.16	ng	-0.01
79) Terphenyl-d14	19.915	244	313947	52.24	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.357	178	51024	7.42	ng	99
72) Anthracene	17.445	178	14841	2.24	ng	98
75) Fluoranthene	19.356	202	62047	8.04	ng	97
78) Pyrene	19.715	202	84322	10.84	ng	99
81) Benzo(a)anthracene	21.444	228	32755	4.37	ng	98
83) Chrysene	21.492	228	29823m	4.12	ng	
88) Benzo(b)fluoranthene	23.033	252	32956	4.34	ng	# 94
90) Benzo(a)pyrene	23.615	252	28264	4.02	ng	# 95
92) Benzo(g,h,i)perylene	26.703	276	16036	2.36	ng	# 91

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

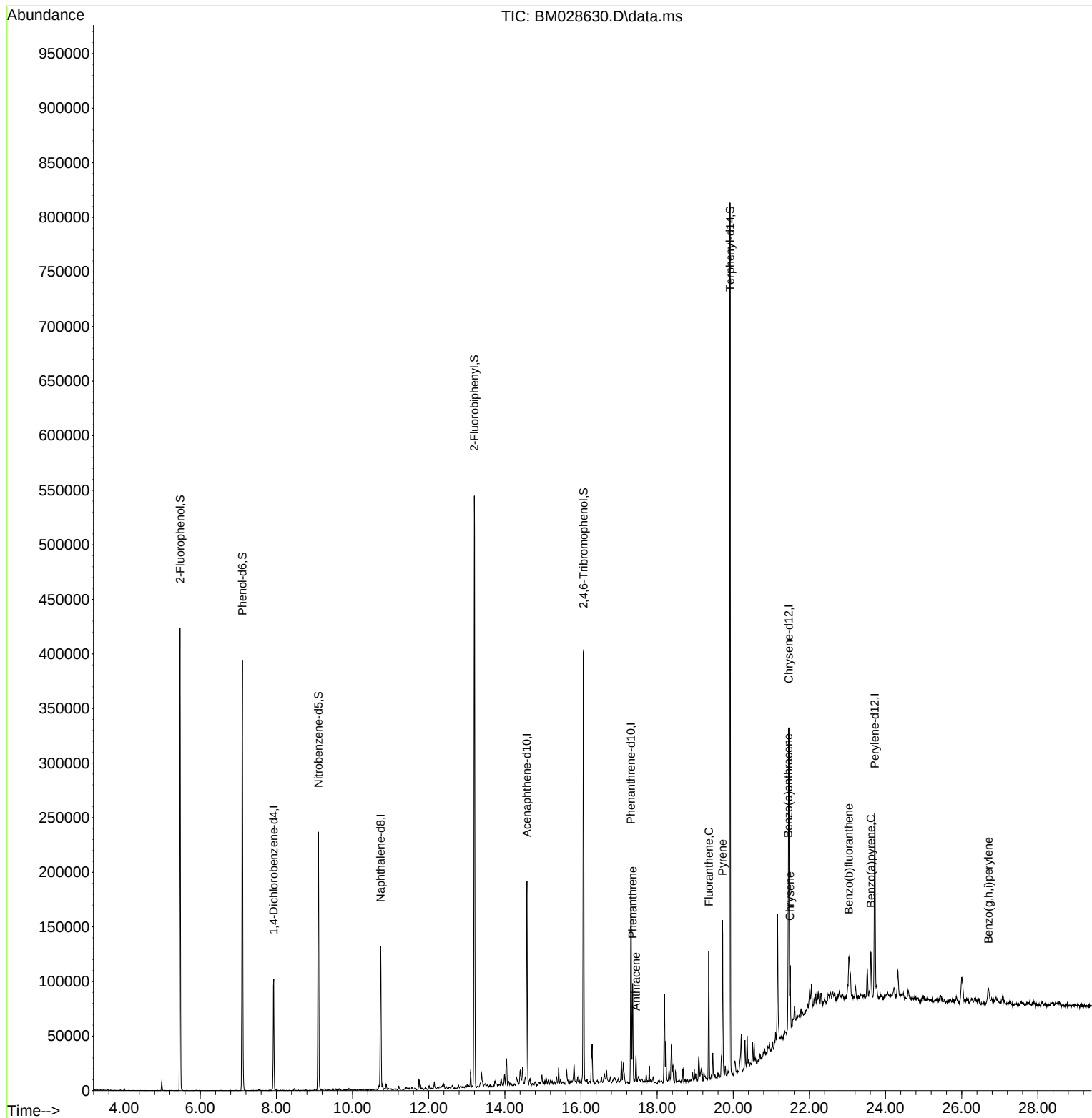
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020221\
Data File : BM028630.D
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Operator : CG/JU
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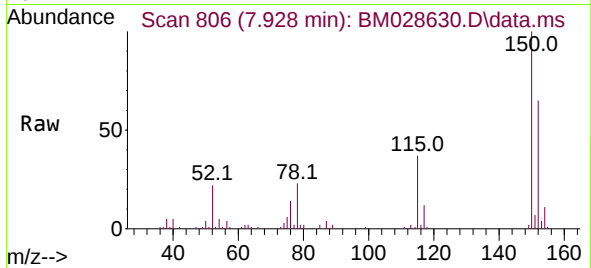
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Quant Time: Feb 02 23:42:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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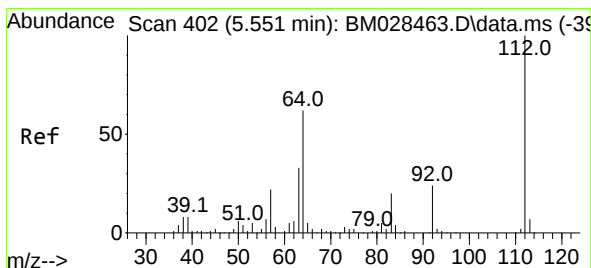
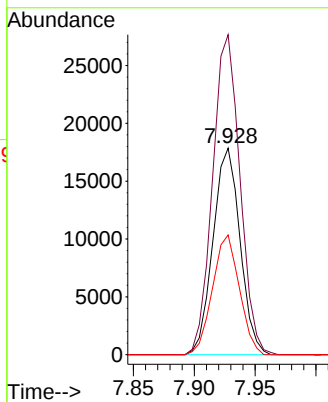
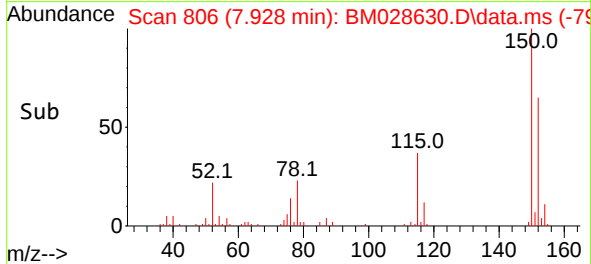




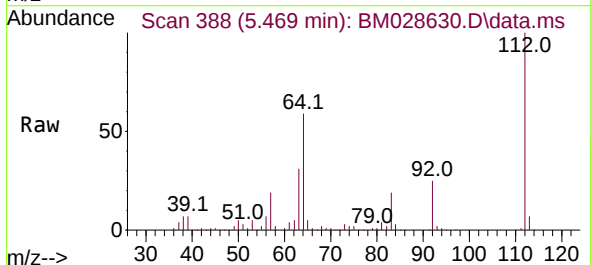
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48



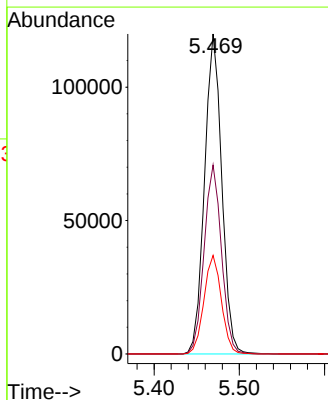
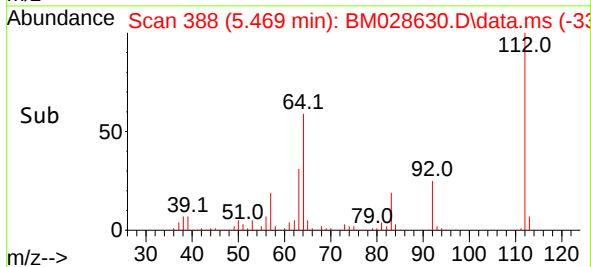
Tgt Ion:152 Resp: 27599
Ion Ratio Lower Upper
152 100
150 154.9 120.6 181.0
115 57.9 47.2 70.8



#5
2-Fluorophenol
Concen: 96.46 ng
RT: 5.469 min Scan# 388
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48



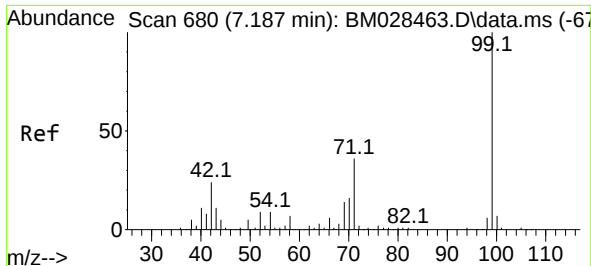
Tgt Ion:112 Resp: 168538
Ion Ratio Lower Upper
112 100
64 59.0 50.6 76.0
63 30.8 31.0 46.6#



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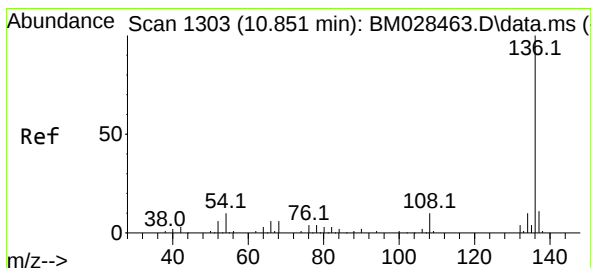
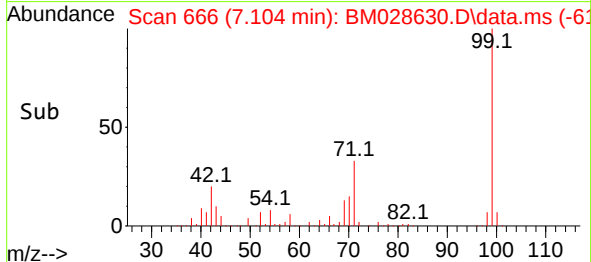
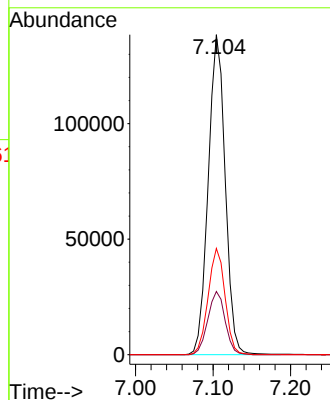
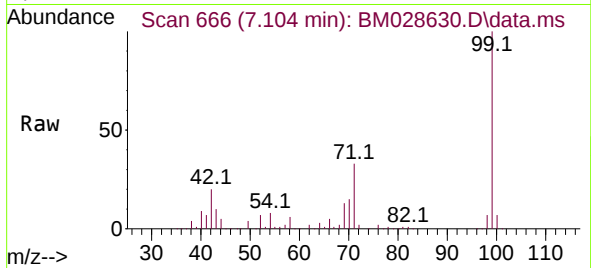
#7
Phenol-d6
Concen: 88.64 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.8	13.5	20.3
71	33.2	39.4	59.0#

Instrument :
BNA_M
ClientSampleId :
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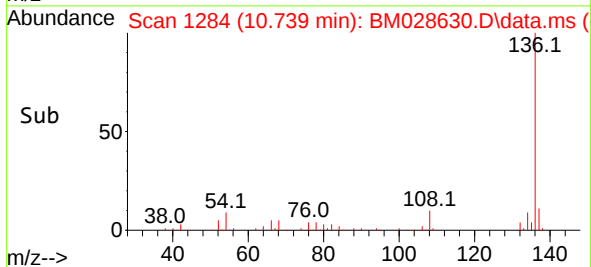
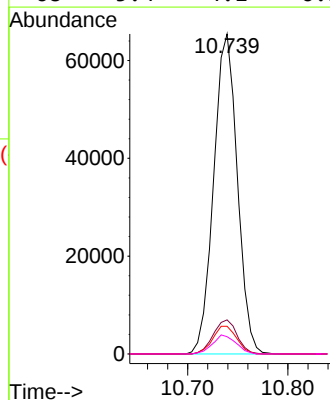
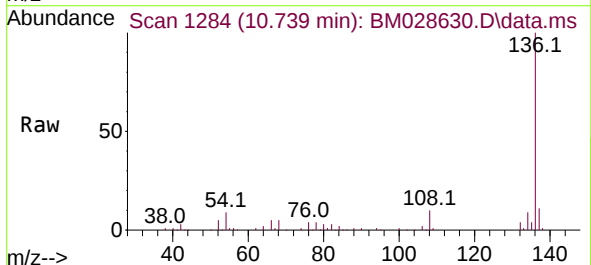
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.7	4.6	7.0#
68	5.4	4.1	6.1





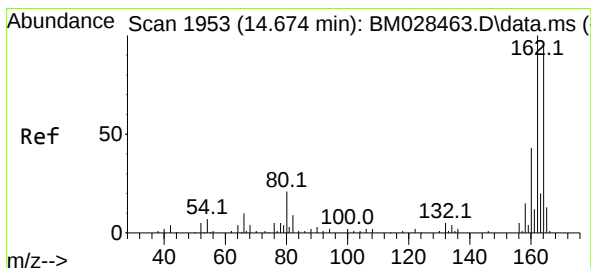
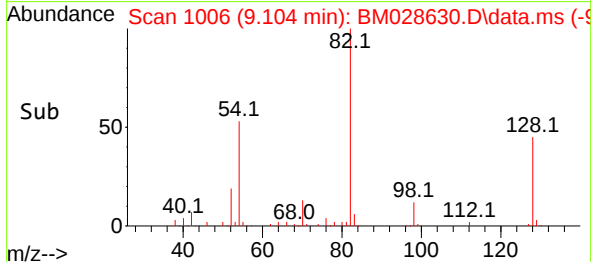
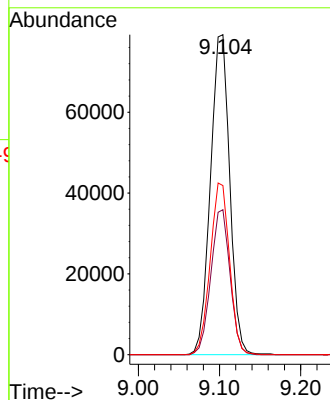
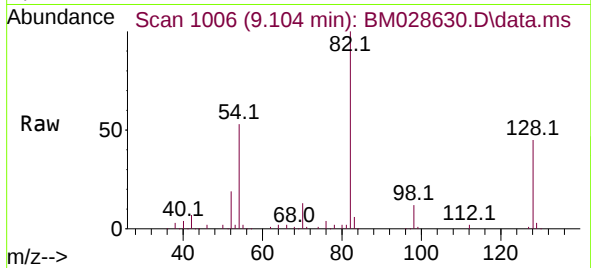
#23
Nitrobenzene-d5
Concen: 57.88 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion: 82 Resp: 130488
Ion Ratio Lower Upper
82 100
128 45.3 27.4 41.0#
54 52.8 31.4 47.0#

Instrument :
BNA_M
ClientSampleId :
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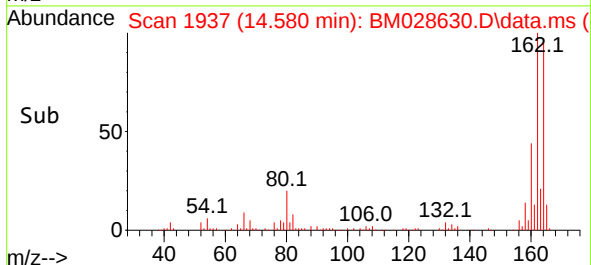
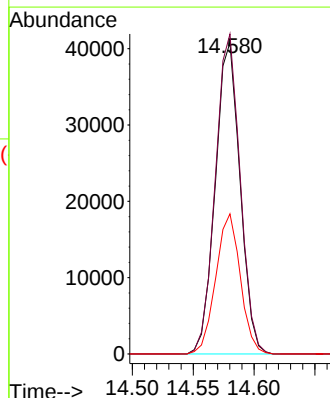
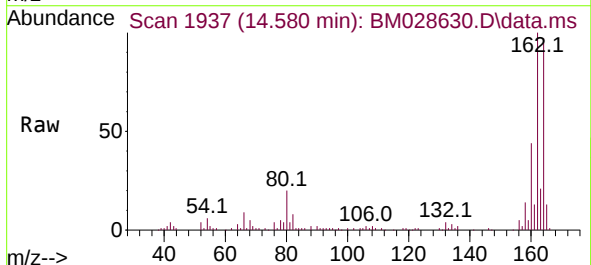
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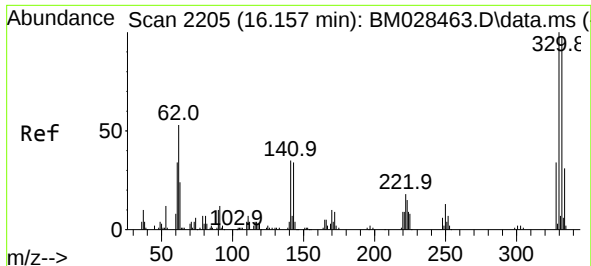
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

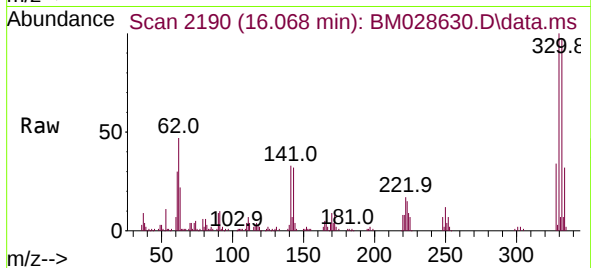
Tgt Ion:164 Resp: 57671
Ion Ratio Lower Upper
164 100
162 102.8 80.4 120.6
160 45.0 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 93.02 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

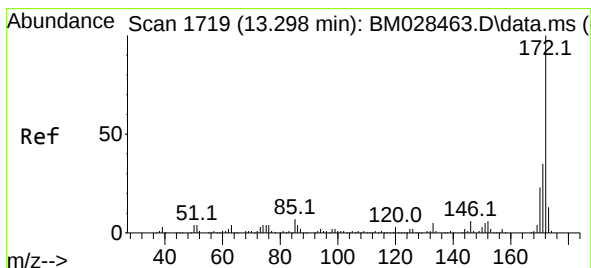
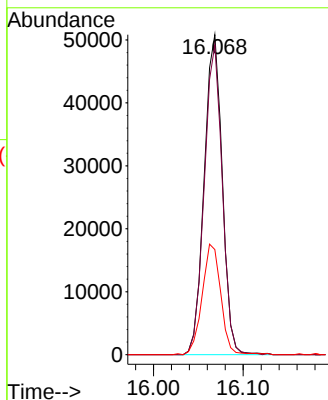
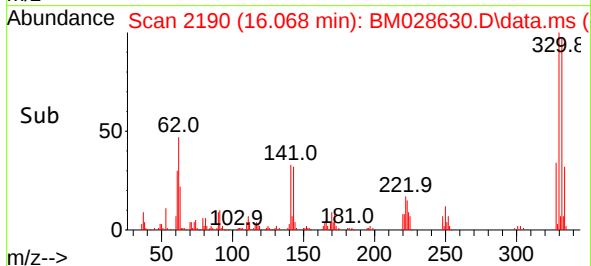
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ClientSampleId :
JJ_BH_02_4-6



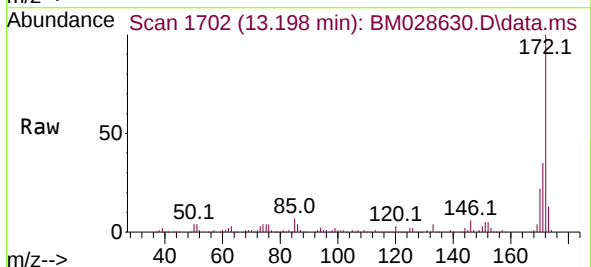
Tgt Ion:330 Resp: 71075
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 35.7 28.4 42.6

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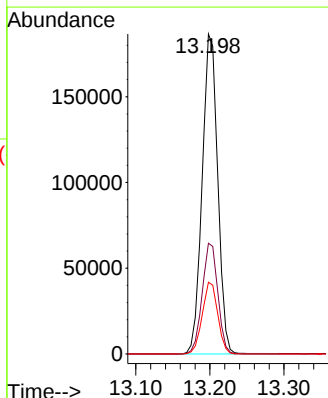
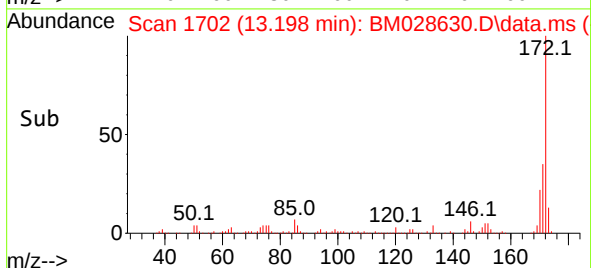
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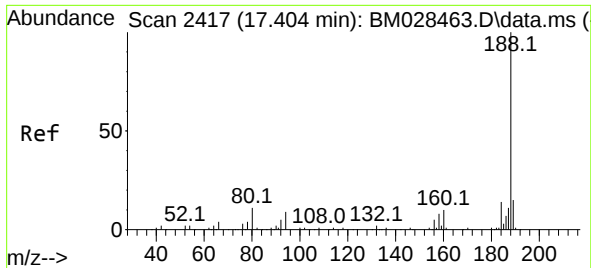


#45
2-Fluorobiphenyl
Concen: 59.16 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48



Tgt Ion:172 Resp: 271923
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.4 18.6 27.8





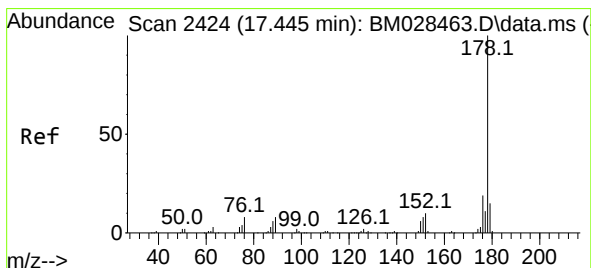
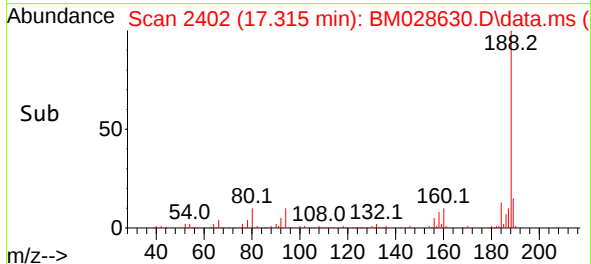
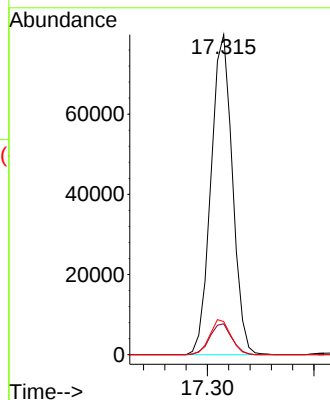
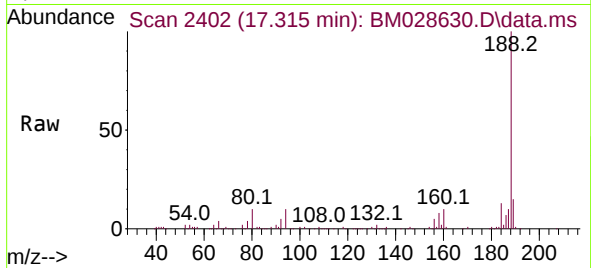
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:188 Resp: 111774
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.4#
80 10.3 7.5 11.3

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JJ_BH_02_4-6

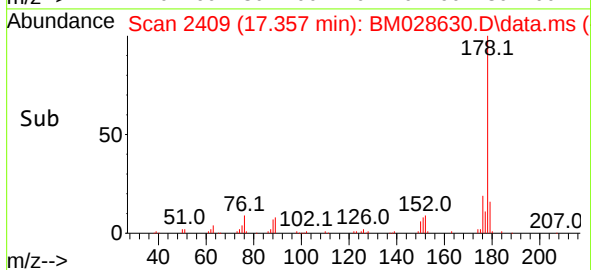
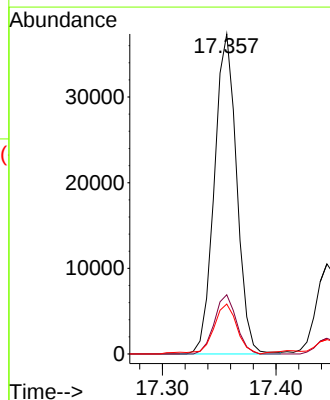
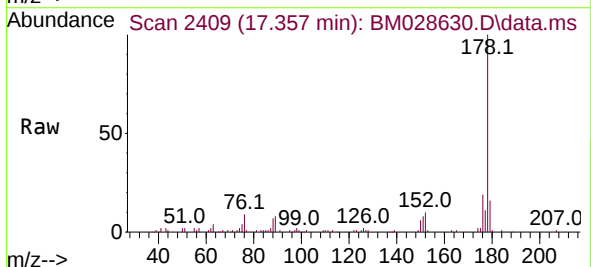
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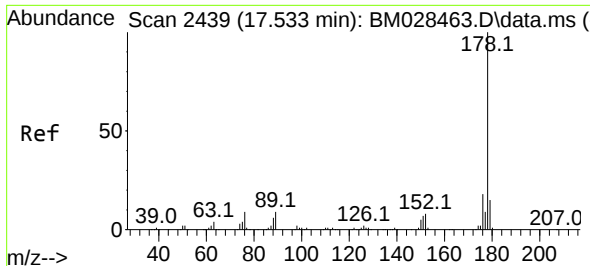
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#71
Phenanthrene
Concen: 7.42 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

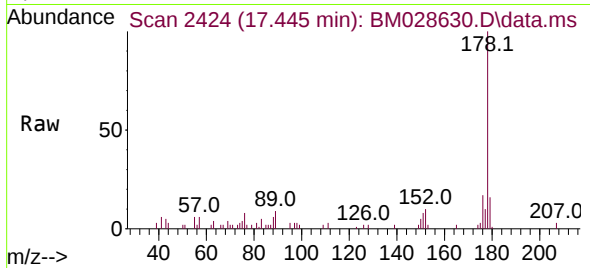
Tgt Ion:178 Resp: 51024
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.2 18.4





#72
 Anthracene
 Concen: 2.24 ng
 RT: 17.445 min Scan# 2424
 Delta R.T. -0.012 min
 Lab File: BM028630.D
 Acq: 02 Feb 2021 19:48

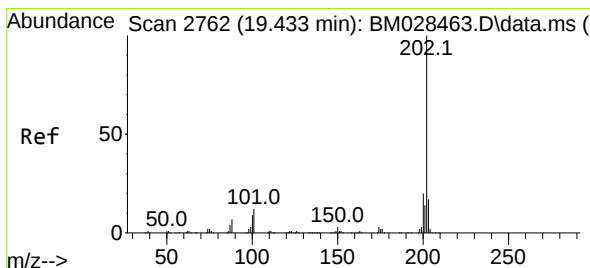
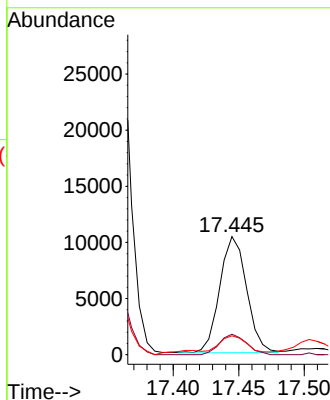
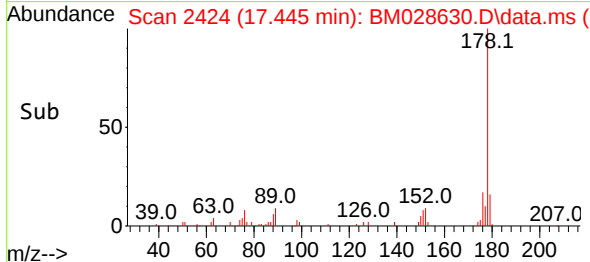
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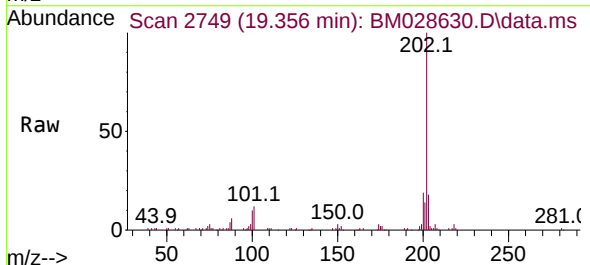
Tgt Ion:178 Resp: 14841
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.0 22.4
 179 16.0 12.5 18.7

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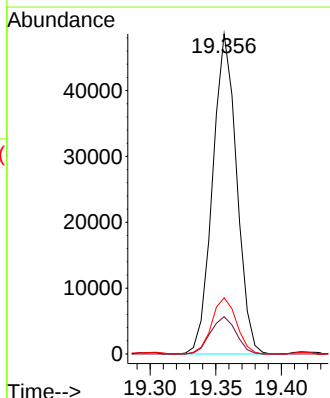
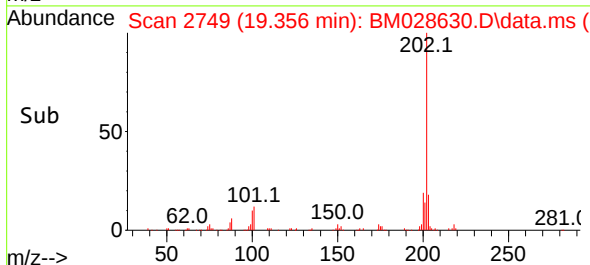
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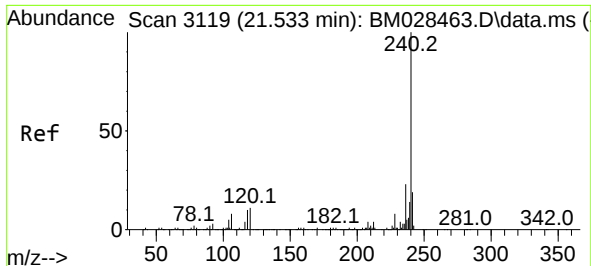


#75
 Fluoranthene
 Concen: 8.04 ng
 RT: 19.356 min Scan# 2749
 Delta R.T. -0.012 min
 Lab File: BM028630.D
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Tgt Ion:202 Resp: 62047
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 28.5
 203 17.6 0.0 37.3





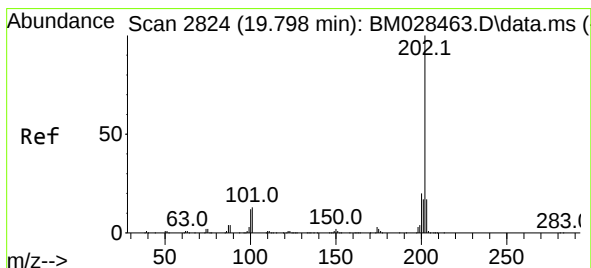
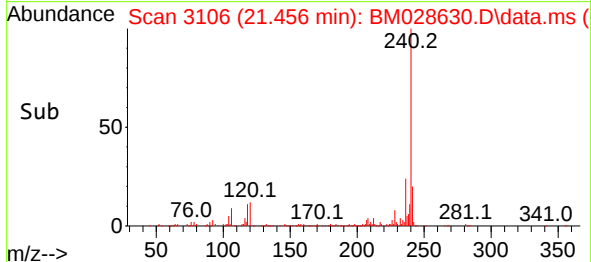
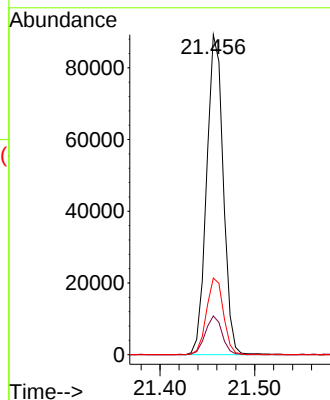
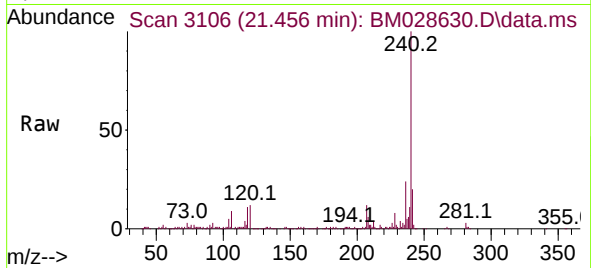
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:240 Resp: 108532
Ion Ratio Lower Upper
240 100
120 12.1 6.4 9.6#
236 24.0 20.1 30.1

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JJ_BH_02_4-6

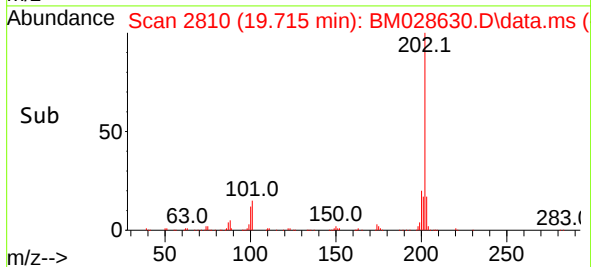
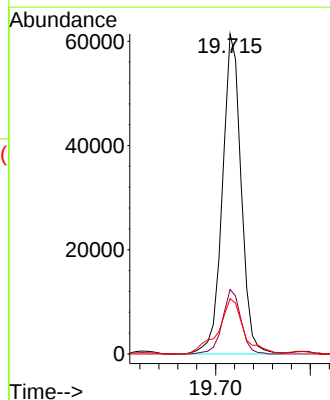
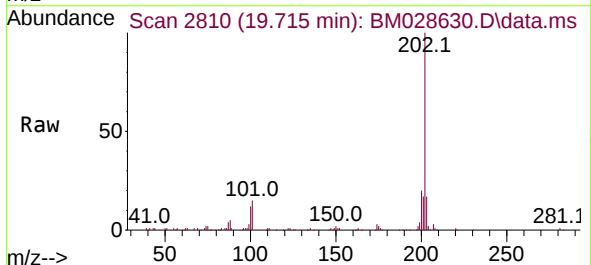
Manual Integrations
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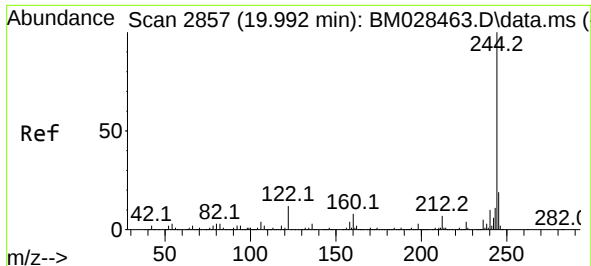
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#78
Pyrene
Concen: 10.84 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

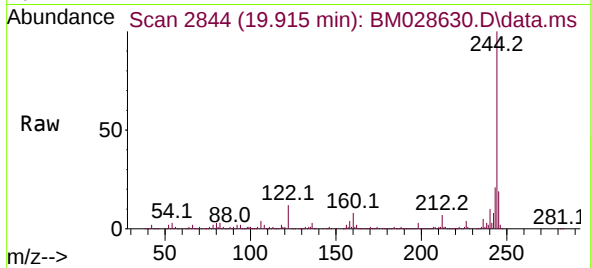
Tgt Ion:202 Resp: 84322
Ion Ratio Lower Upper
202 100
200 20.1 16.6 24.8
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 52.24 ng
 RT: 19.915 min Scan# 2844
 Delta R.T. -0.006 min
 Lab File: BM028630.D
 Acq: 02 Feb 2021 19:48

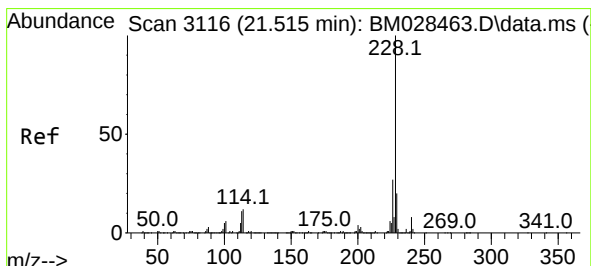
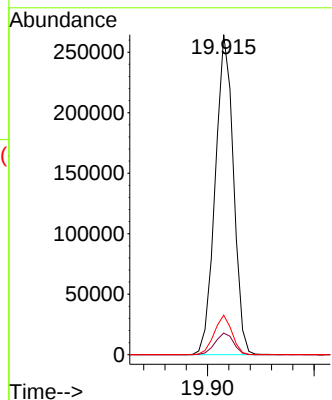
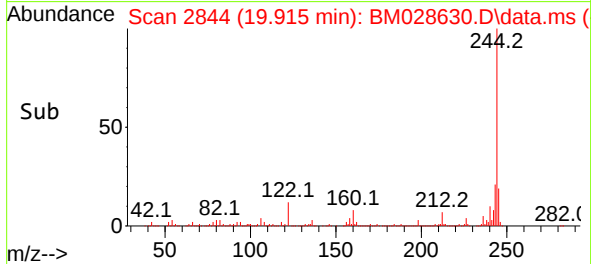
Instrument :
 BNA_M
 ClientSampleId :
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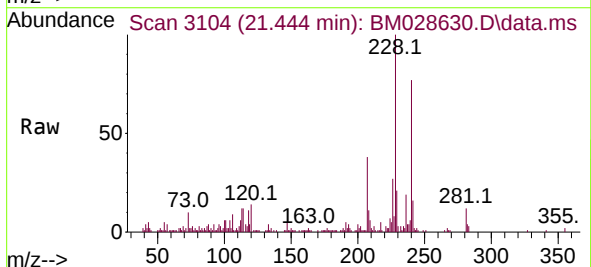
Tgt Ion:244 Resp: 313947
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.4 6.5 9.7#

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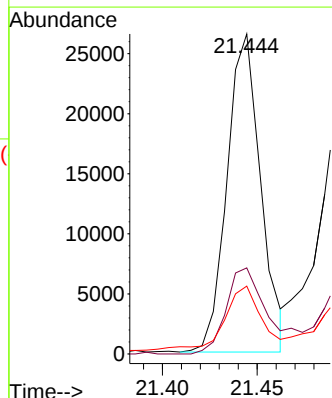
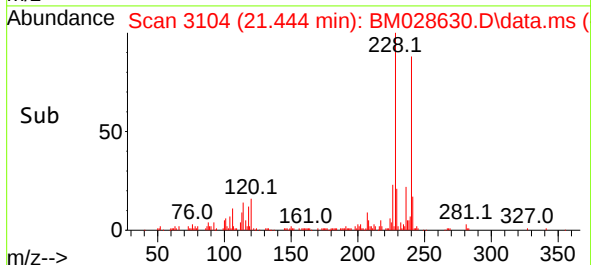
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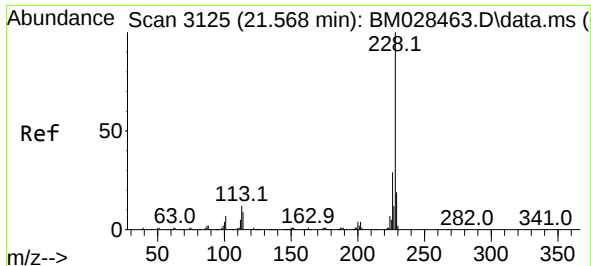


#81
 Benzo(a)anthracene
 Concen: 4.37 ng
 RT: 21.444 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM028630.D
 Acq: 02 Feb 2021 19:48



Tgt Ion:228 Resp: 32755
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.1 31.7
 229 21.2 15.7 23.5





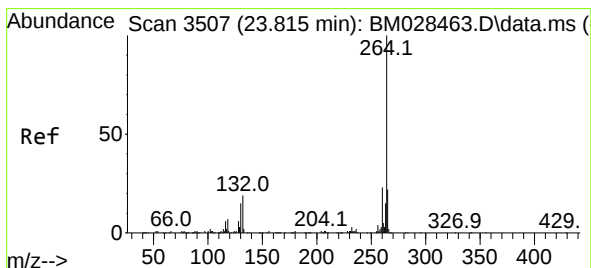
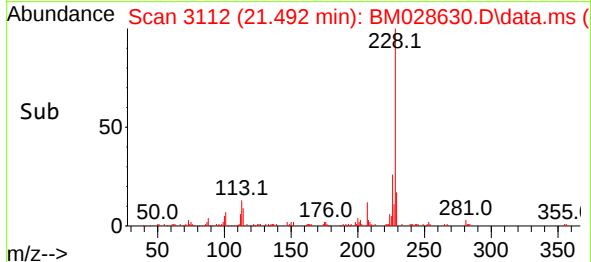
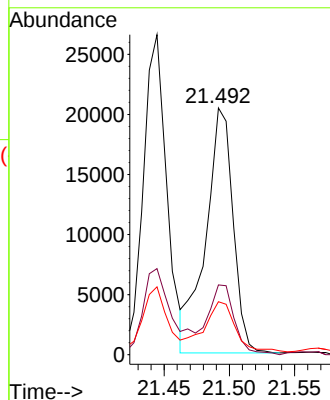
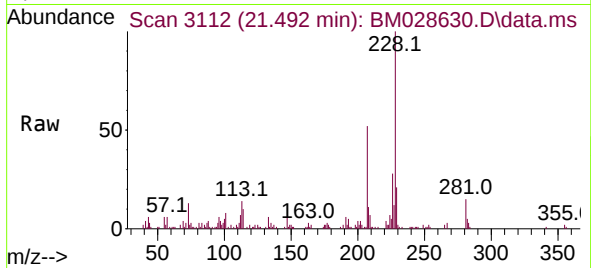
#83
Chrysene
Concen: 4.12 ng m
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:	228	Resp:	29823
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.0
229	21.5	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
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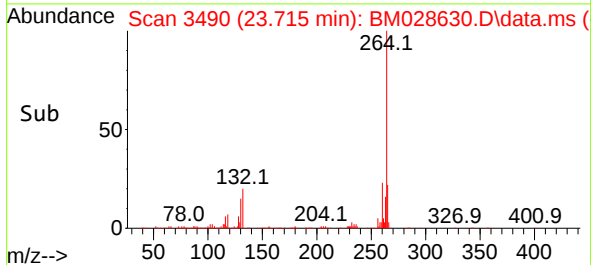
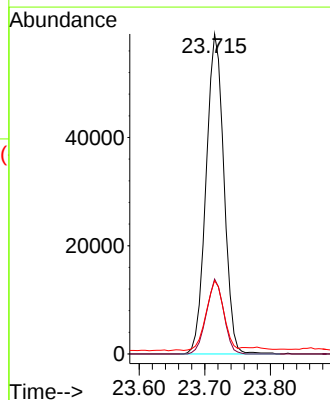
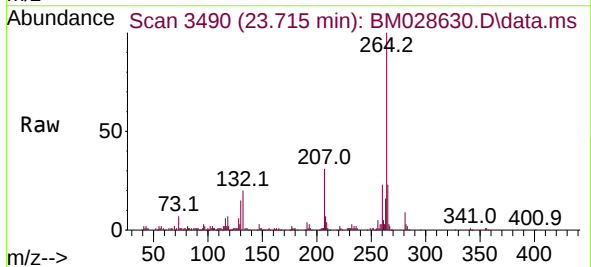
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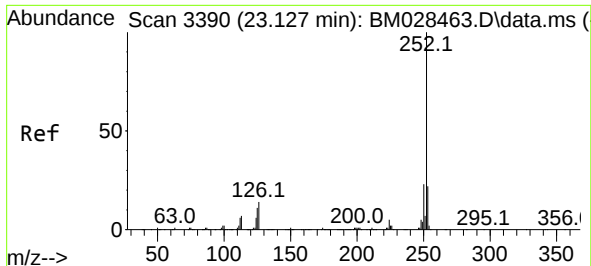
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.715 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:	264	Resp:	111853
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.4
265	22.9	17.7	26.5





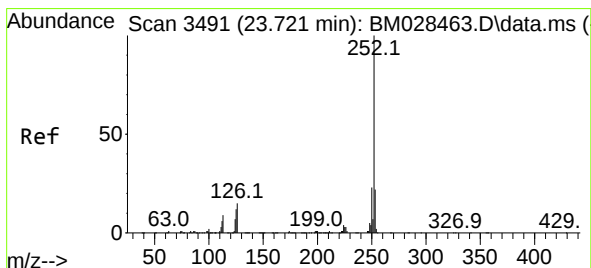
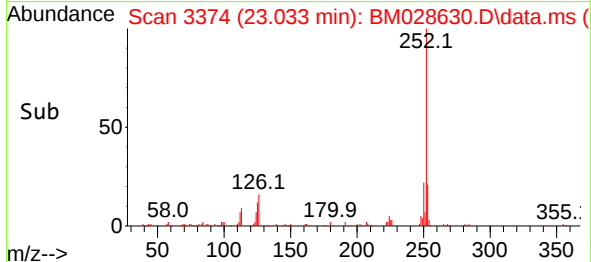
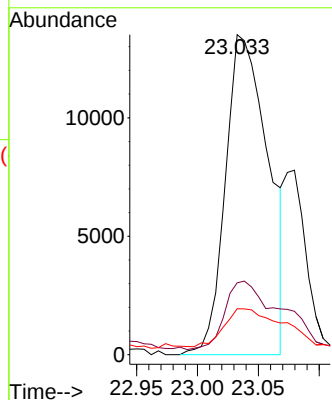
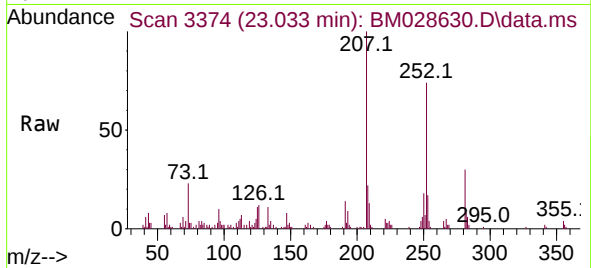
#88
Benzo(b)fluoranthene
Concen: 4.34 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:252 Resp: 32956
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 14.4 5.7 8.5#

Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

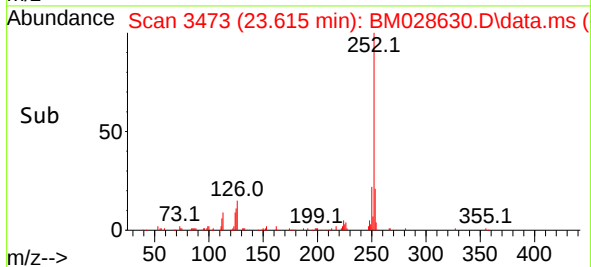
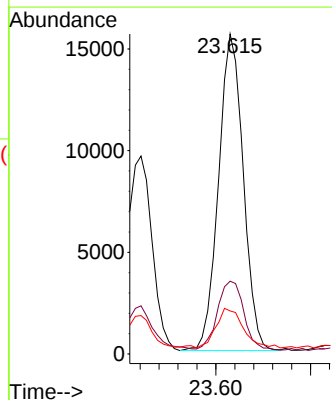
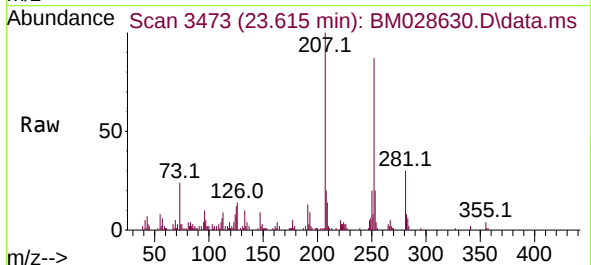
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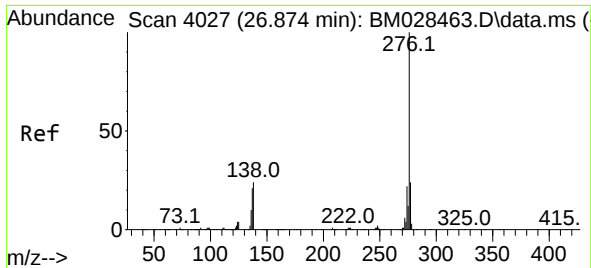
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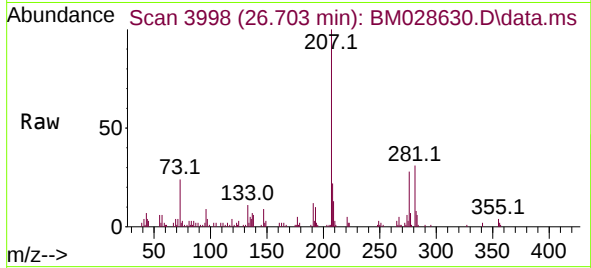
#90
Benzo(a)pyrene
Concen: 4.02 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48

Tgt Ion:252 Resp: 28264
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 13.4 6.6 9.8#

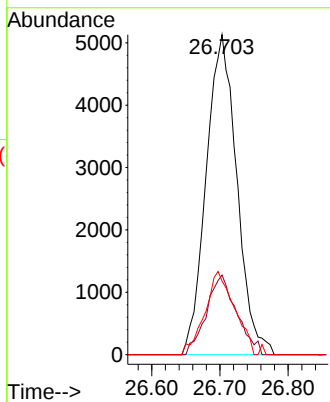
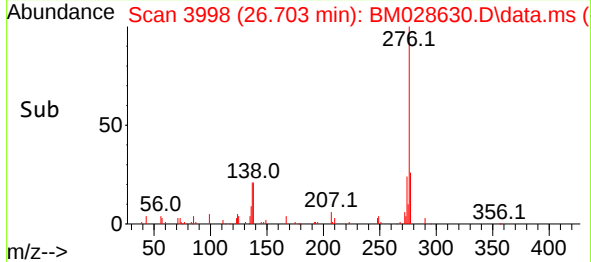




#92
Benzo(g,h,i)perylene
Concen: 2.36 ng
RT: 26.703 min Scan# 3998
Delta R.T. -0.030 min
Lab File: BM028630.D
Acq: 02 Feb 2021 19:48



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	23.0	12.2	18.2#



Instrument :
BNA_M
ClientSampleId :
JJ_BH_02_4-6

Manual Integrations
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