

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
 Data File : BM028883.D
 Acq On : 24 Feb 2021 17:31
 Operator : CG/JU
 Sample : M1469-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-08-022321

Manual Integrations
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Quant Time: Feb 25 00:11:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	19210	20.00	ng	0.00
21) Naphthalene-d8	10.604	136	79854	20.00	ng	#-0.01
39) Acenaphthene-d10	14.463	164	46923	20.00	ng	-0.01
64) Phenanthrene-d10	17.210	188	88071	20.00	ng	0.00
76) Chrysene-d12	21.368	240	61459	20.00	ng	# 0.00
86) Perylene-d12	23.580	264	63435	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	167323	144.37	ng	0.00
7) Phenol-d6	6.998	99	216251	141.27	ng	0.00
23) Nitrobenzene-d5	8.981	82	130331	88.06	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	72960	131.19	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	294930	83.67	ng	0.00
79) Terphenyl-d14	19.821	244	279733	84.04	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.022	94	5483	3.60	ng	93
71) Phenanthrene	17.251	178	28807	5.49	ng	97
75) Fluoranthene	19.257	202	44926	7.80	ng	97
78) Pyrene	19.621	202	33824	7.49	ng	99
81) Benzo(a)anthracene	21.351	228	15204	3.56	ng	94
83) Chrysene	21.403	228	16181	3.89	ng	96
88) Benzo(b)fluoranthene	22.921	252	20018m	4.47	ng	
90) Benzo(a)pyrene	23.486	252	13546	3.31	ng	# 94
92) Benzo(g,h,i)perylene	26.485	276	9241	2.30	ng	# 91

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

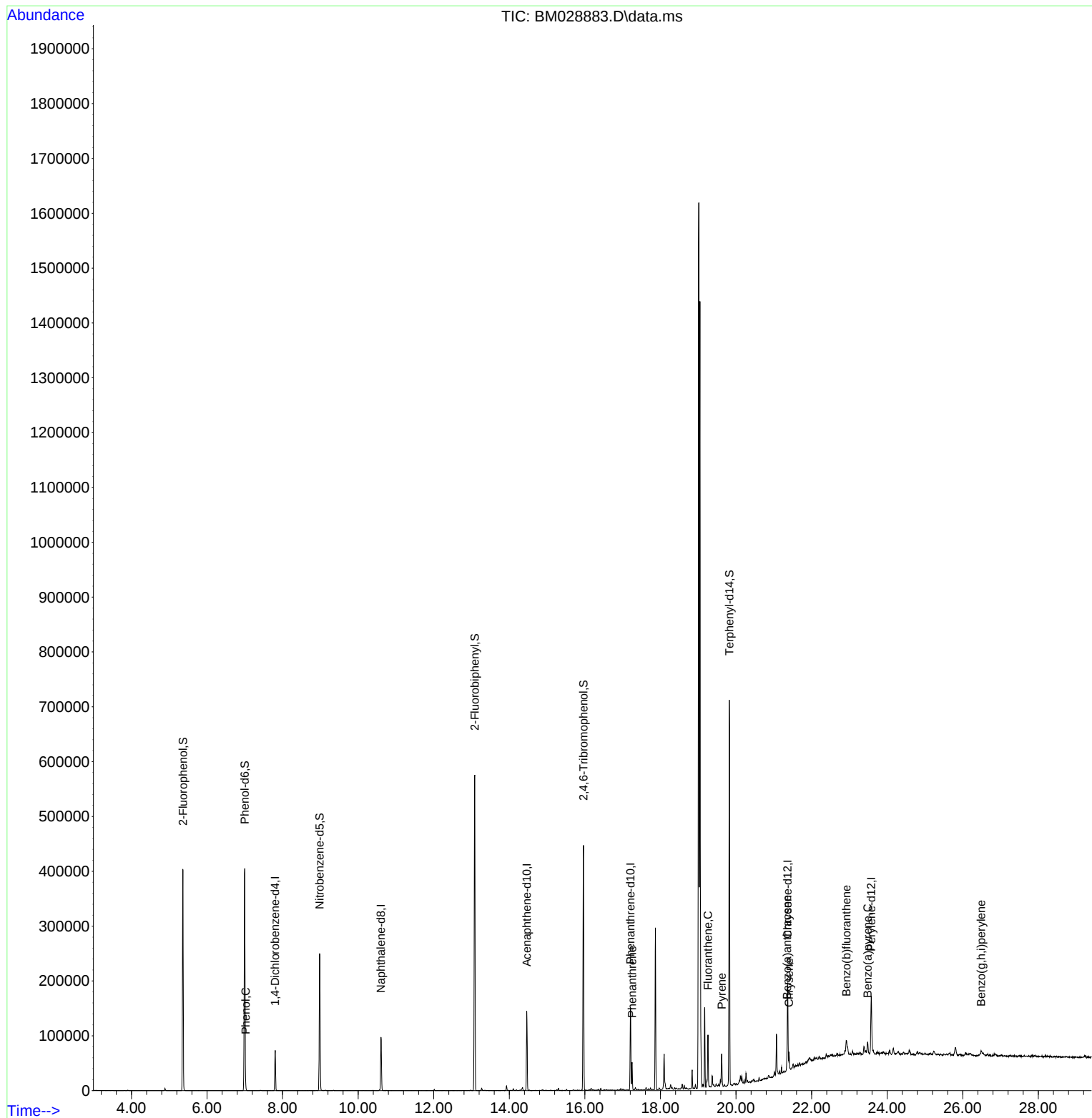
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Data File : BM028883.D
Acq On : 24 Feb 2021 17:31
Operator : CG/JU
Sample : M1469-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

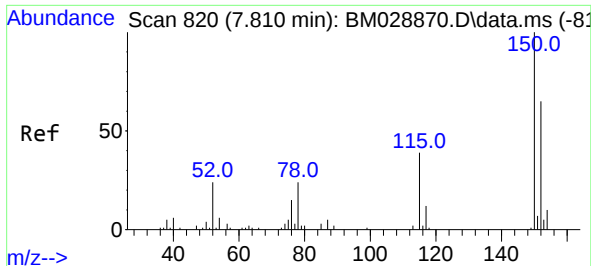
Instrument :
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TR-08-022321

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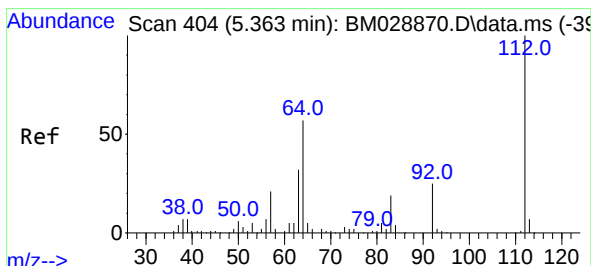
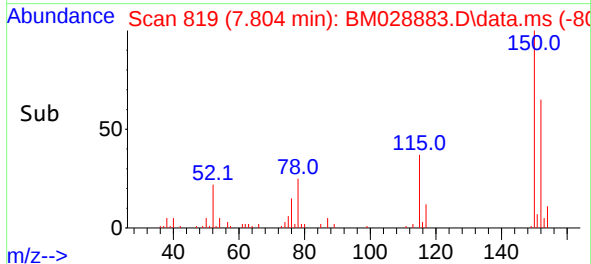
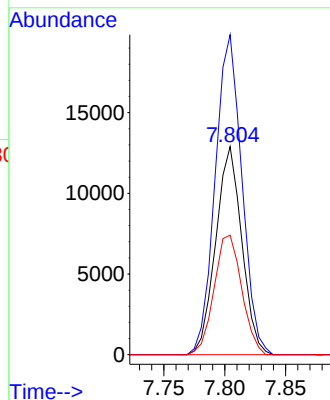
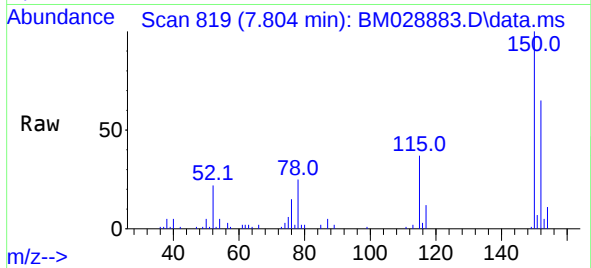
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:152 Resp: 19210
Ion Ratio Lower Upper
152 100
150 153.7 120.6 181.0
115 57.4 47.2 70.8

Instrument :
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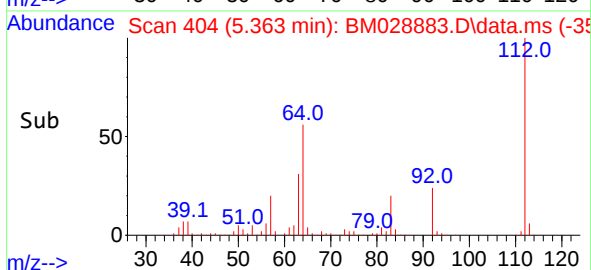
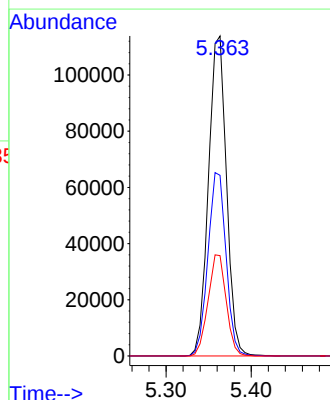
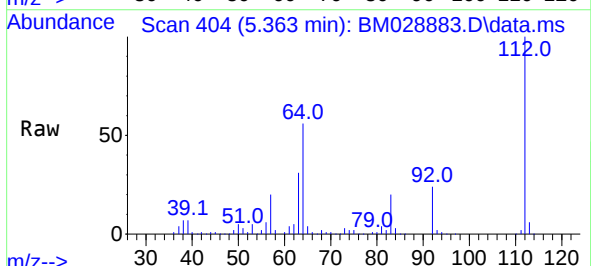
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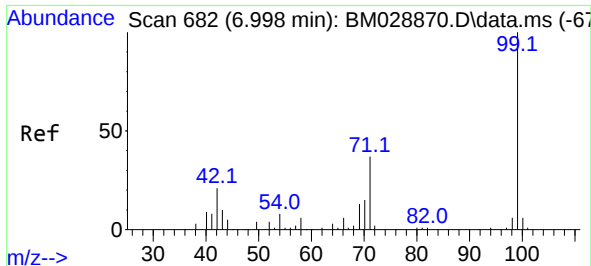
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#5
2-Fluorophenol
Concen: 144.37 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:112 Resp: 167323
Ion Ratio Lower Upper
112 100
64 56.5 50.6 76.0
63 31.4 31.0 46.6





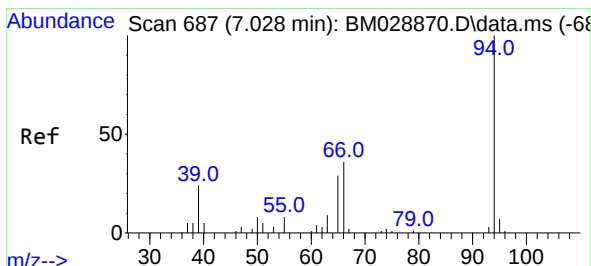
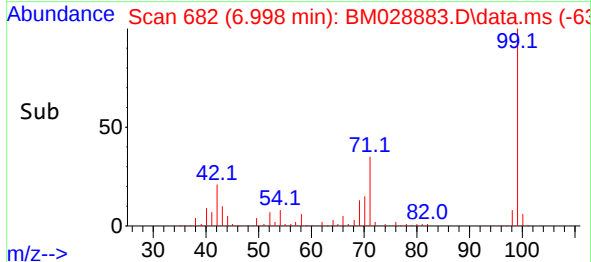
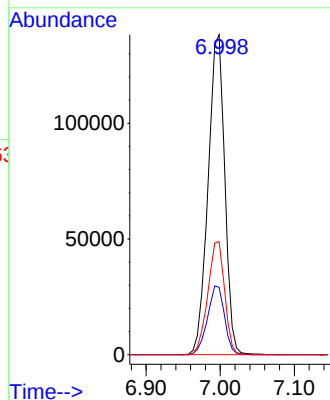
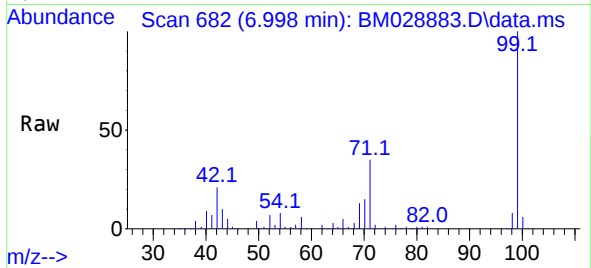
#7
Phenol-d6
Concen: 141.27 ng
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion: 99 Resp: 216251
Ion Ratio Lower Upper
99 100
42 21.1 13.5 20.3#
71 35.4 39.4 59.0#

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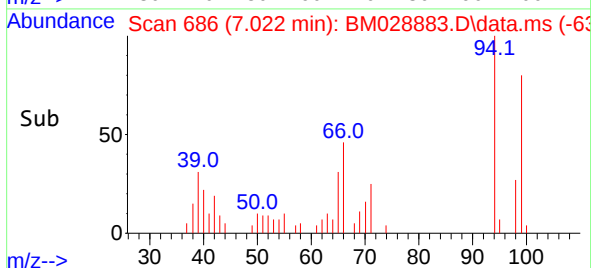
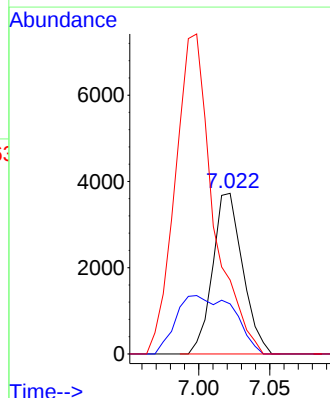
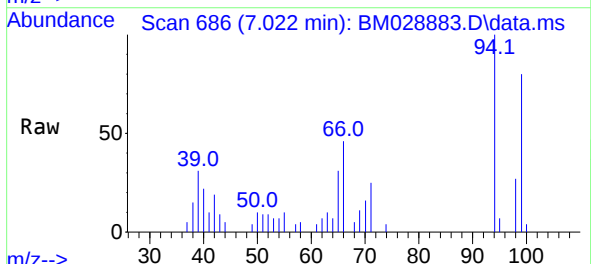
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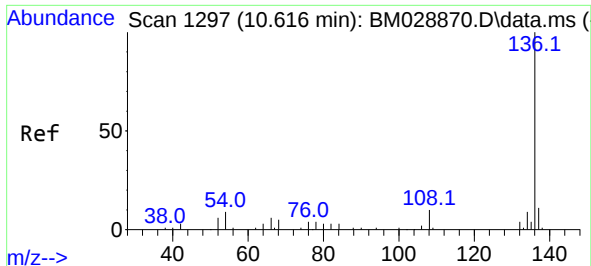
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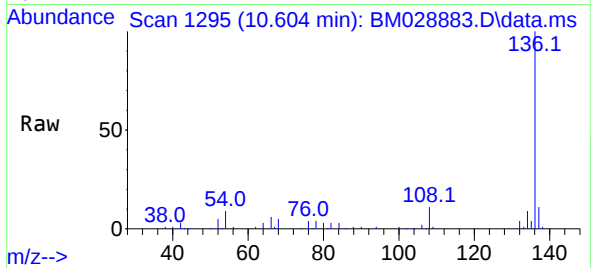
#10
Phenol
Concen: 3.60 ng
RT: 7.022 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion: 94 Resp: 5483
Ion Ratio Lower Upper
94 100
65 31.1 16.4 56.4
66 46.0 30.2 70.2

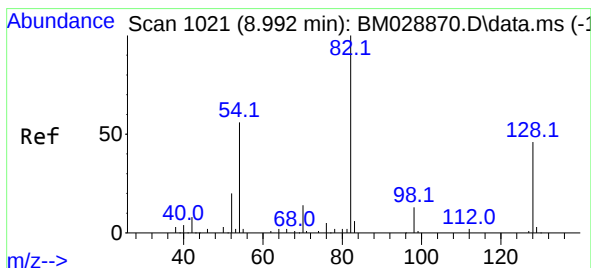
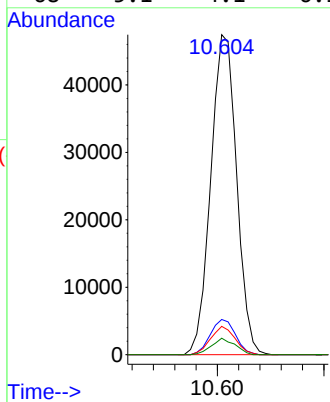
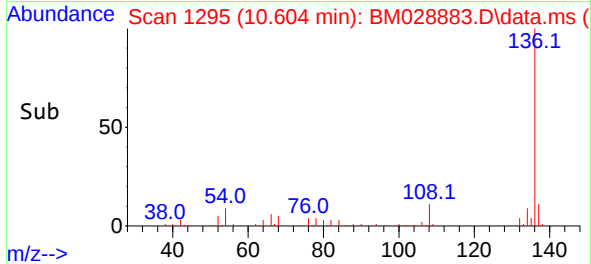




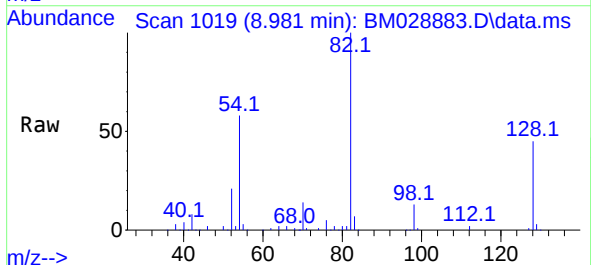
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.604 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



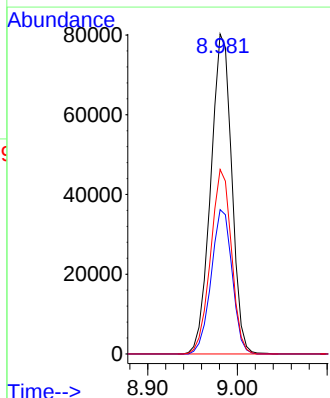
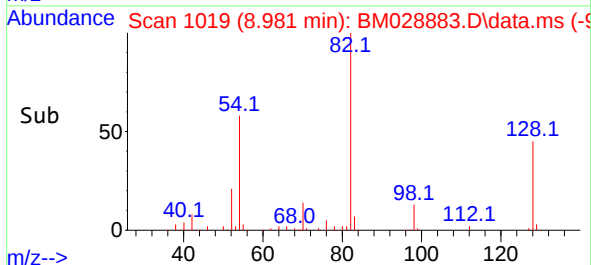
Tgt Ion:	136	Resp:	79854
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.8	4.6	7.0#
68	5.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 88.06 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



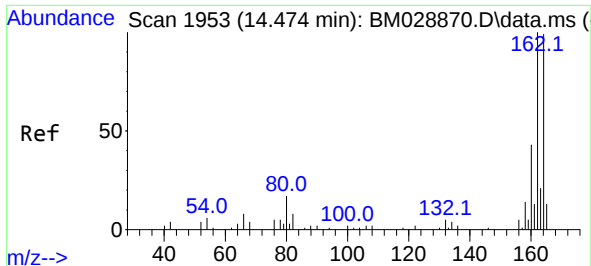
Tgt Ion:	82	Resp:	130331
Ion	Ratio	Lower	Upper
82	100		
128	45.1	27.4	41.0#
54	57.7	31.4	47.0#



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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BM028883.D

Acq: 24 Feb 2021 17:31

Tgt Ion:164 Resp: 46923

Ion Ratio Lower Upper

164 100

162 102.9 80.4 120.6

160 43.6 35.9 53.9

Instrument :

BNA_M

ClientSampleId :

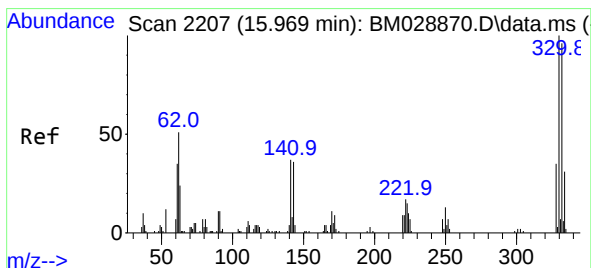
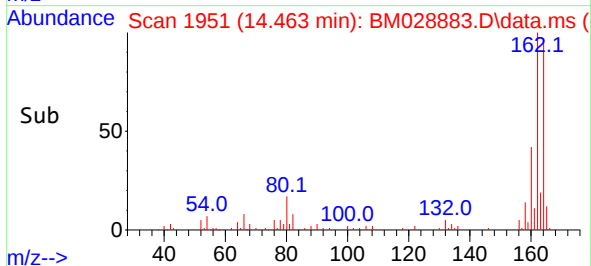
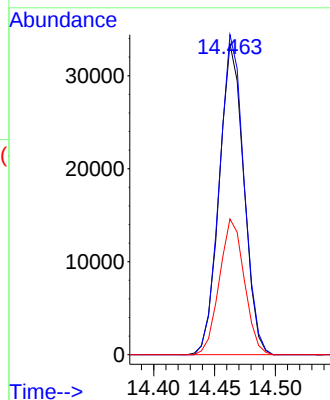
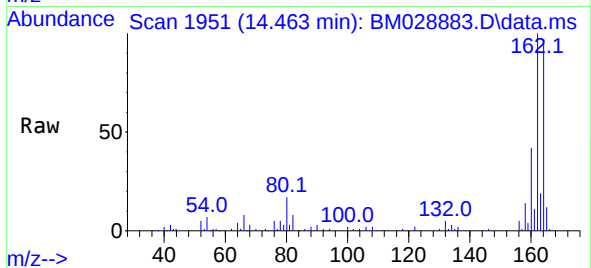
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#42

2,4,6-Tribromophenol

Concen: 131.19 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BM028883.D

Acq: 24 Feb 2021 17:31

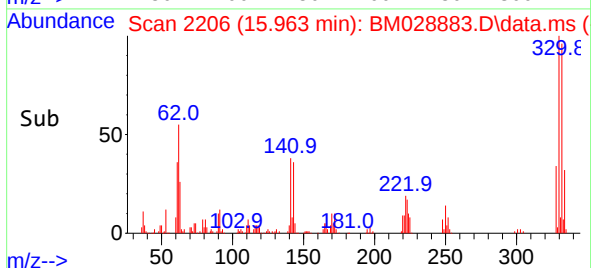
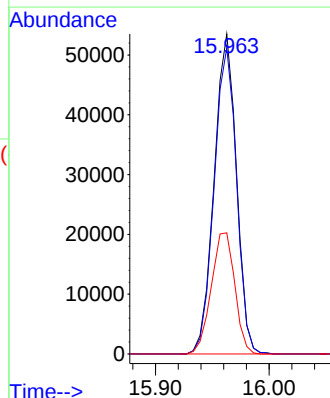
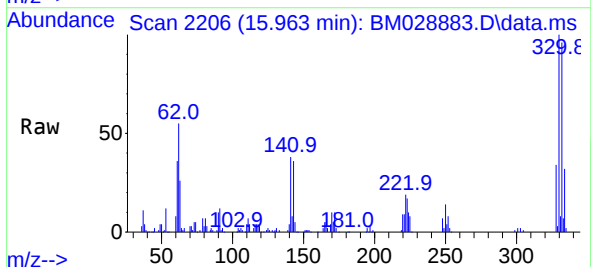
Tgt Ion:330 Resp: 72960

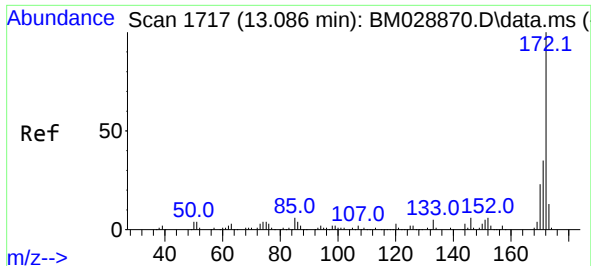
Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 40.0 28.4 42.6





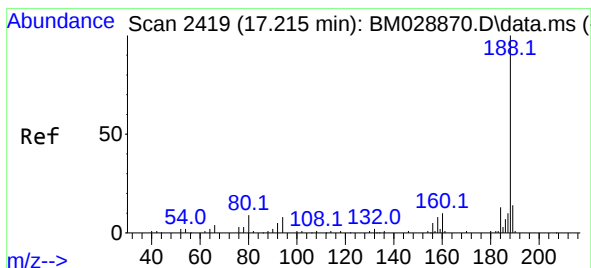
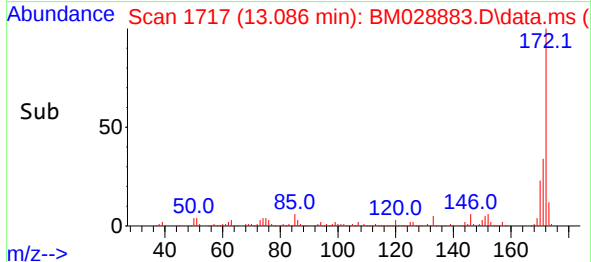
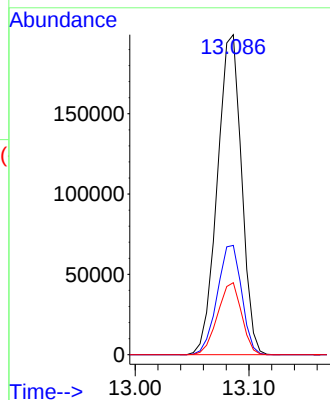
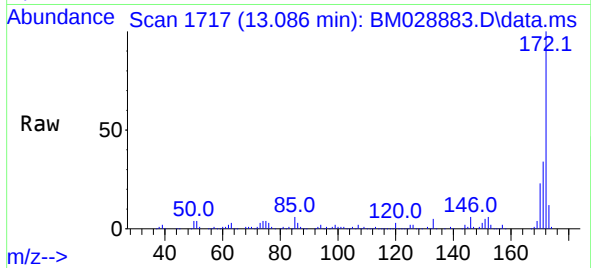
#45
2-Fluorobiphenyl
Concen: 83.67 ng
RT: 13.086 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:172 Resp: 294930
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.5 18.6 27.8

Instrument :
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ClientSampled :
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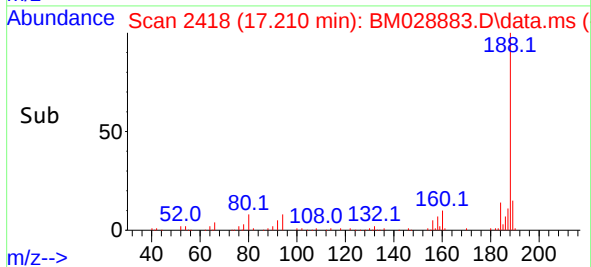
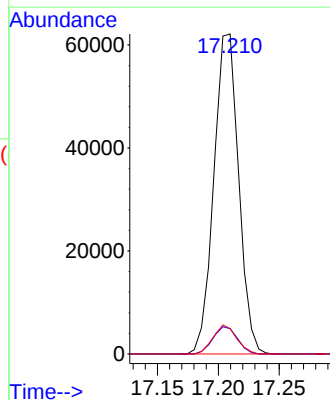
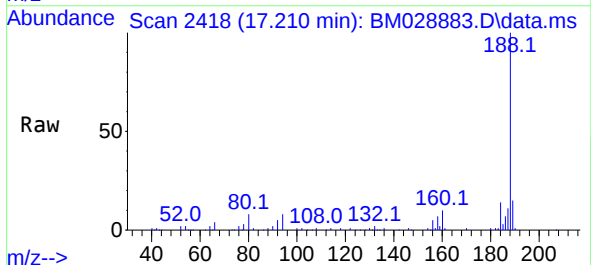
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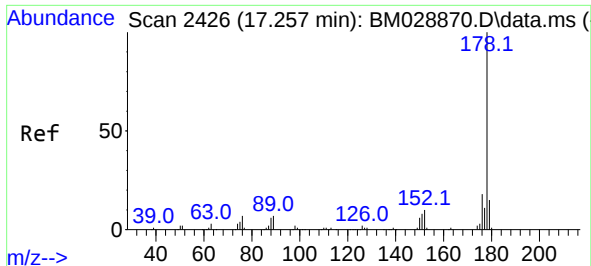
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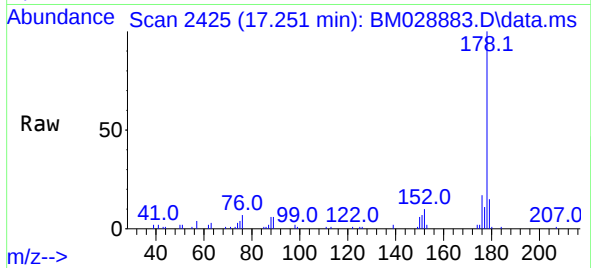
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:188 Resp: 88071
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.0 7.5 11.3

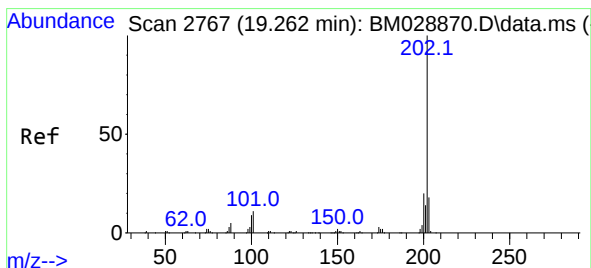
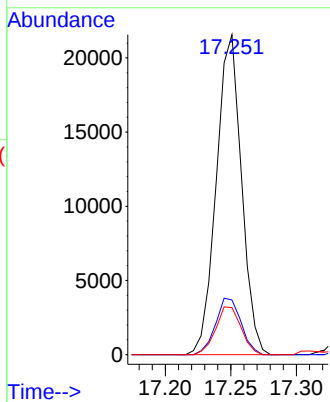
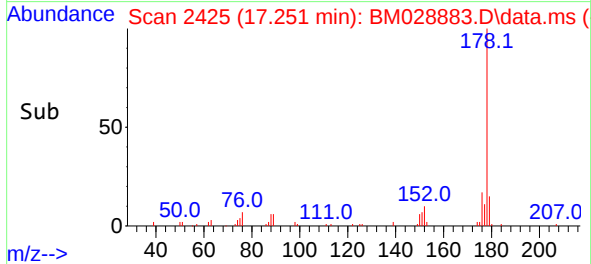




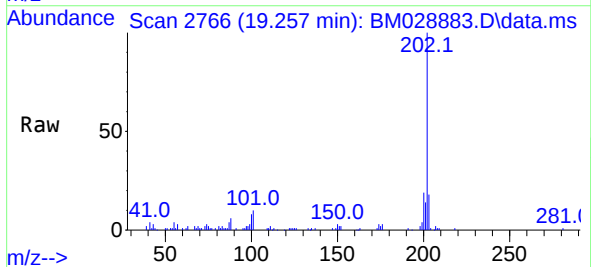
#71
Phenanthrene
Concen: 5.49 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



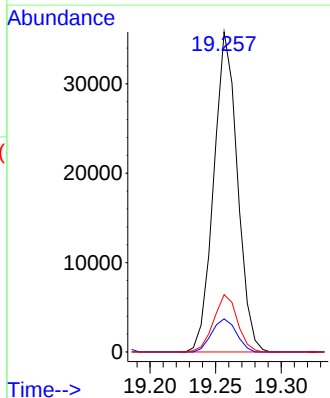
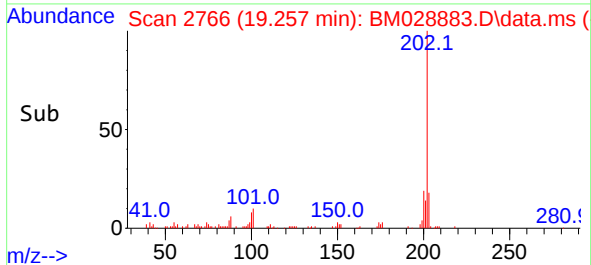
Tgt Ion:178 Resp: 28807
Ion Ratio Lower Upper
178 100
176 17.1 15.0 22.6
179 14.7 12.2 18.4



#75
Fluoranthene
Concen: 7.80 ng
RT: 19.257 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



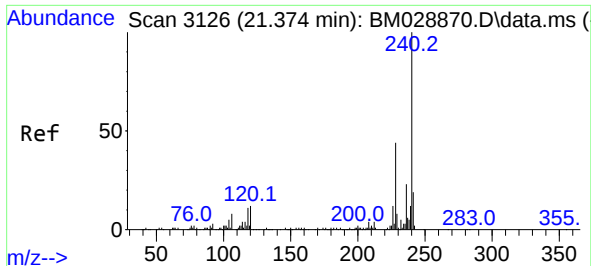
Tgt Ion:202 Resp: 44926
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.5
203 17.9 0.0 37.3



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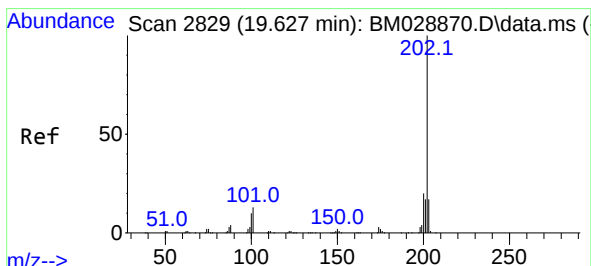
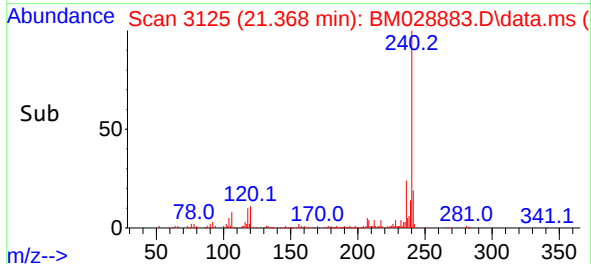
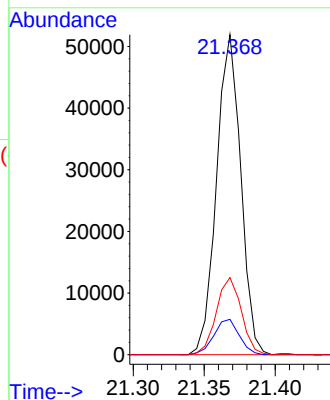
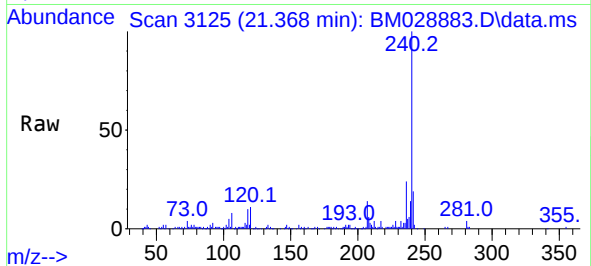
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:240 Resp: 61459
Ion Ratio Lower Upper
240 100
120 11.0 6.4 9.6#
236 24.1 20.1 30.1

Instrument :
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TR-08-022321

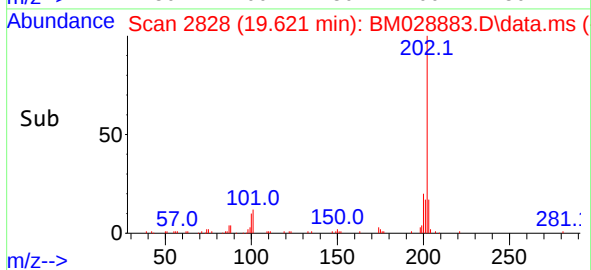
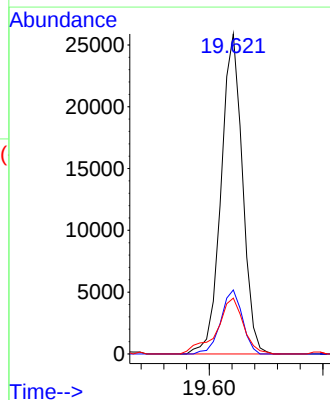
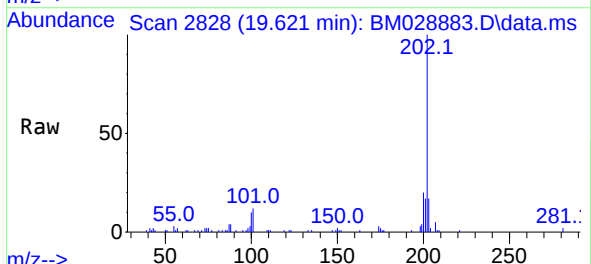
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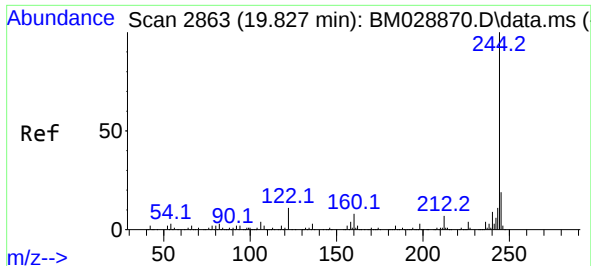
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#78
Pyrene
Concen: 7.49 ng
RT: 19.621 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:202 Resp: 33824
Ion Ratio Lower Upper
202 100
200 20.0 16.6 24.8
203 17.5 13.8 20.6





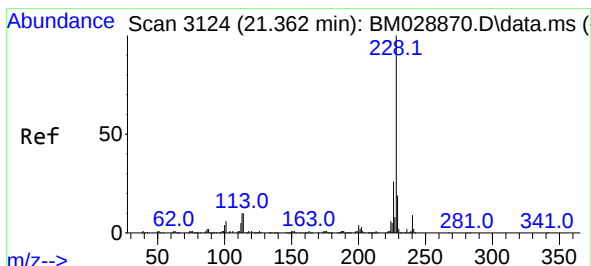
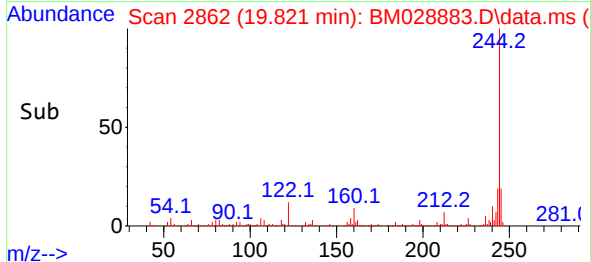
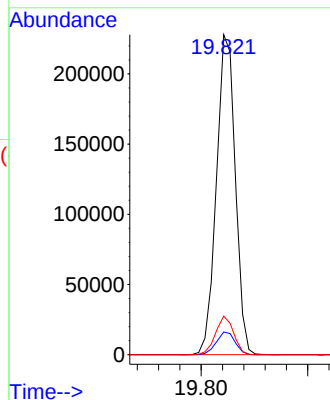
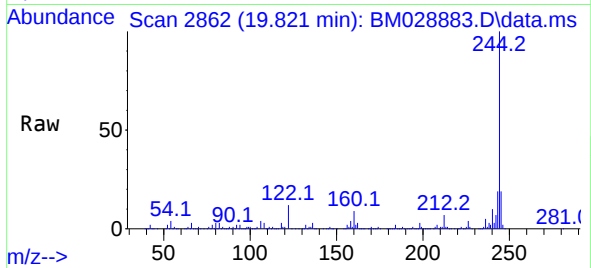
#79
Terphenyl-d14
Concen: 84.04 ng
RT: 19.821 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:244 Resp: 279733
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.1 6.5 9.7#

Instrument :
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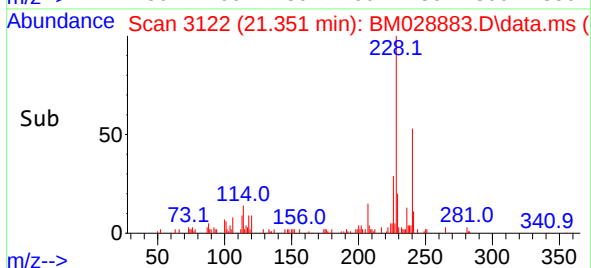
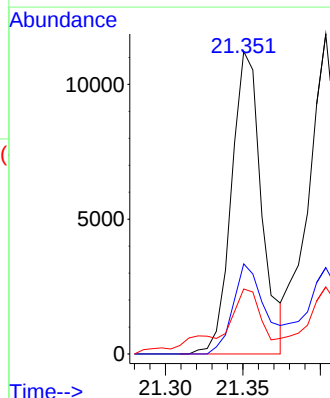
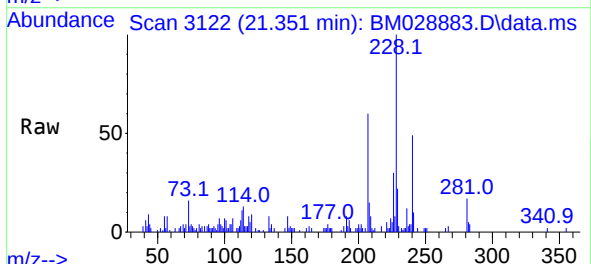
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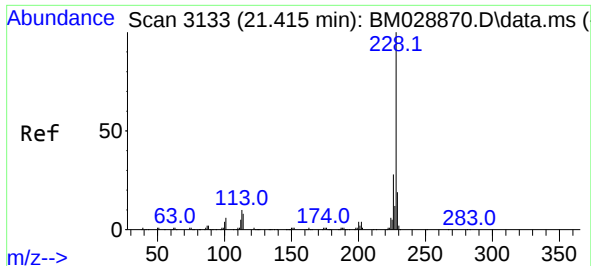
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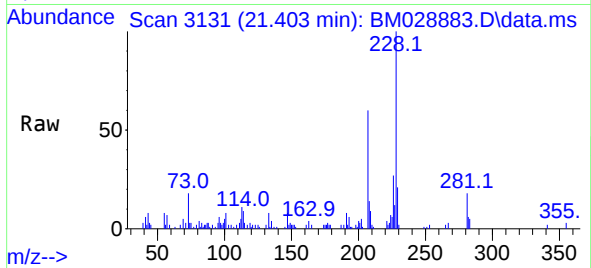
#81
Benzo(a)anthracene
Concen: 3.56 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

Tgt Ion:228 Resp: 15204
Ion Ratio Lower Upper
228 100
226 29.8 21.1 31.7
229 21.5 15.7 23.5

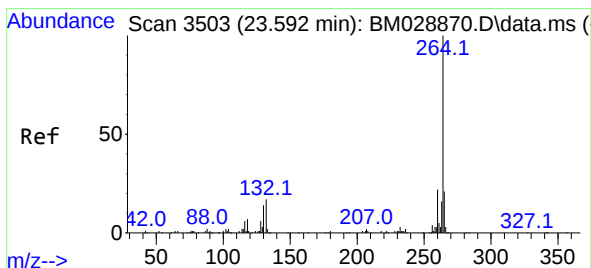
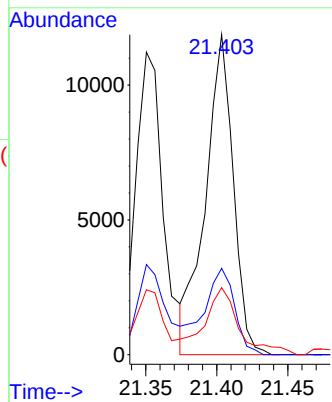
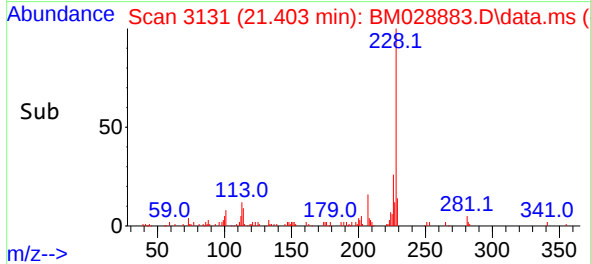




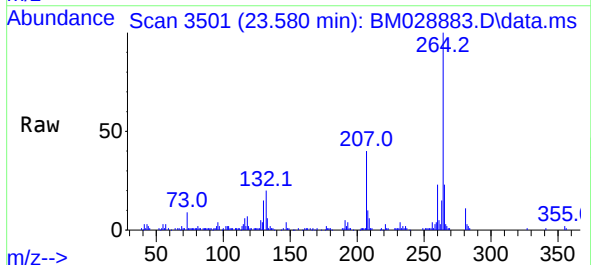
#83
Chrysene
Concen: 3.89 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



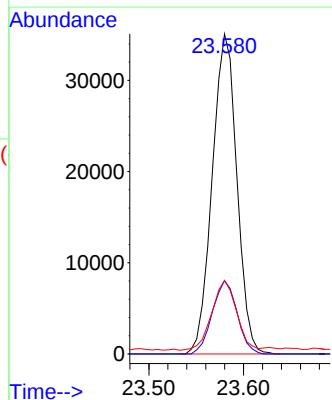
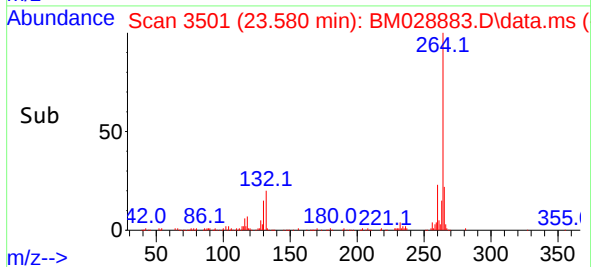
Tgt Ion:228 Resp: 16181
Ion Ratio Lower Upper
228 100
226 27.0 23.4 35.0
229 21.0 15.7 23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31



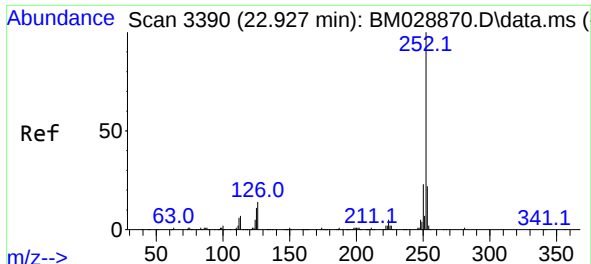
Tgt Ion:264 Resp: 63435
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 22.9 17.7 26.5



Instrument :
BNA_M
ClientSampleId :
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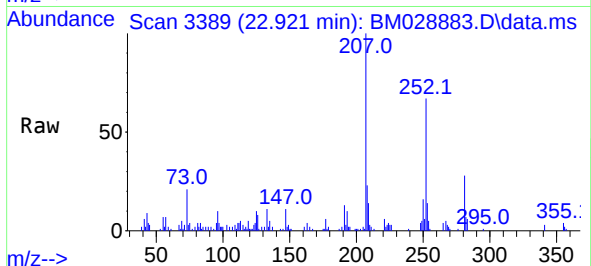
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#88
Benzo(b)fluoranthene
Concen: 4.47 ng m
RT: 22.921 min Scan# 3389
Delta R.T. -0.006 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

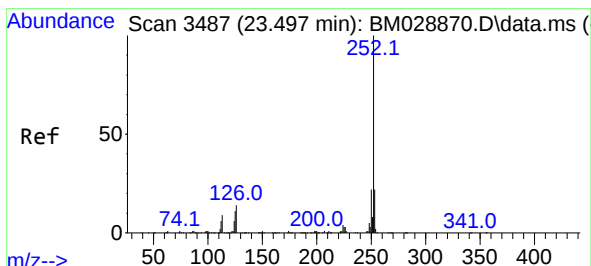
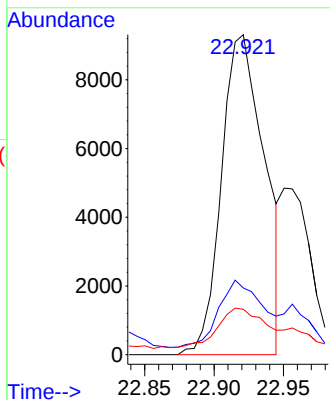
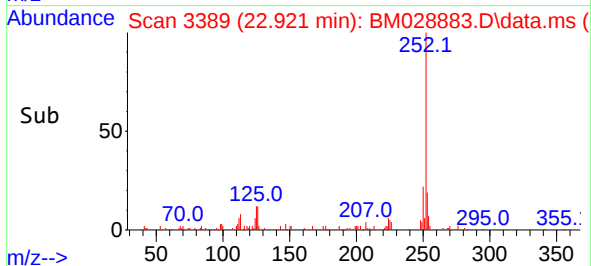
Instrument :
BNA_M
ClientSampled :
TR-08-022321



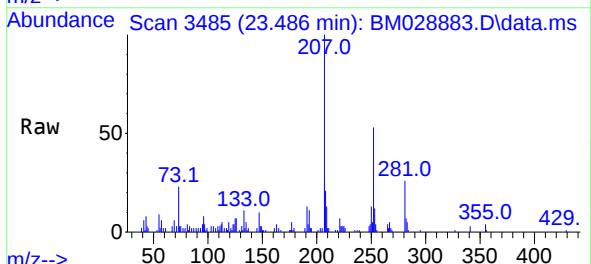
Tgt Ion:252 Resp: 20018
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 14.2 5.7 8.5#

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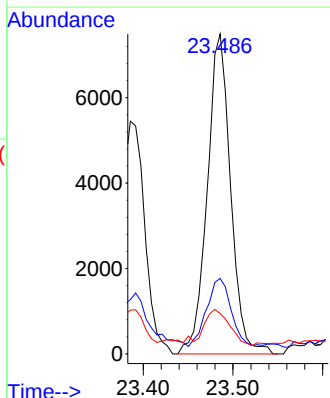
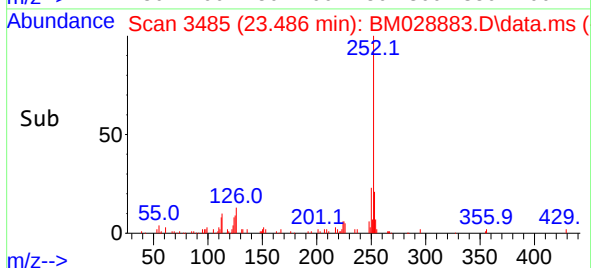
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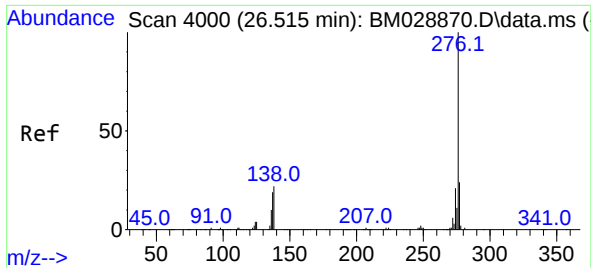


#90
Benzo(a)pyrene
Concen: 3.31 ng
RT: 23.486 min Scan# 3485
Delta R.T. -0.012 min
Lab File: BM028883.D
Acq: 24 Feb 2021 17:31

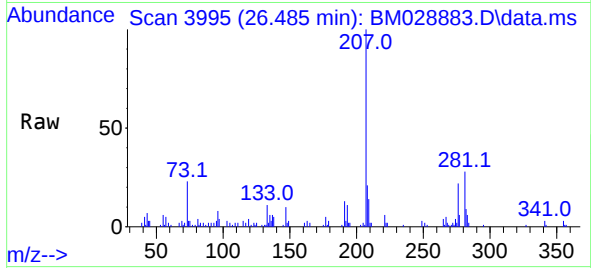


Tgt Ion:252 Resp: 13546
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 12.7 6.6 9.8#

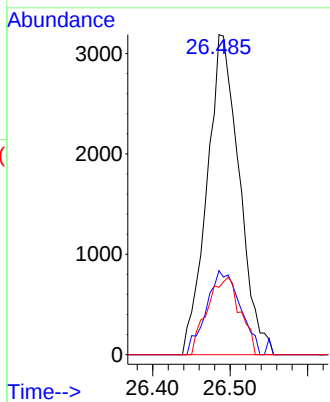
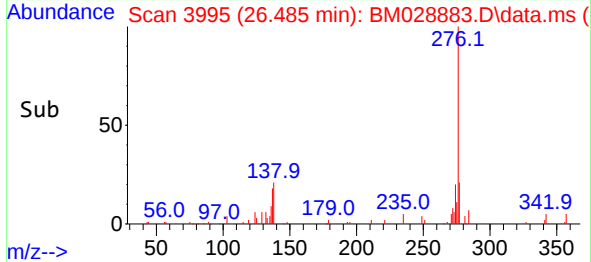




#92
 Benzo(g,h,i)perylene
 Concen: 2.30 ng
 RT: 26.485 min Scan# 3995
 Delta R.T. -0.029 min
 Lab File: BM028883.D
 Acq: 24 Feb 2021 17:31



Tgt Ion:	276	Resp:	9241
Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.6	28.0
138	21.0	12.2	18.2#



Instrument :
 BNA_M
 ClientSampleId :
 TR-08-022321

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