

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031854.D
 Acq On : 20 Aug 2021 22:47
 Operator : CG/JU
 Sample : M3434-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-14-0002

Manual Integrations
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Quant Time: Aug 21 04:26:43 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	7.534	152	40986	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	170948	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	102196	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	199767	20.000	ng	0.00
76) Chrysene-d12	21.127	240	179918	20.000	ng	# 0.00
86) Perylene-d12	23.274	264	185265	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	286076	112.026	ng	0.00
7) Phenol-d6	6.734	99	350684	94.772	ng	0.00
23) Nitrobenzene-d5	8.687	82	246068	60.271	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	102776	81.654	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	443899	57.814	ng	0.00
79) Terphenyl-d14	19.574	244	602168	56.391	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.892	152	26433	2.557	ng	100
71) Phenanthrene	16.968	178	45099	3.702	ng	98
75) Fluoranthene	18.992	202	102222	7.005	ng	98
78) Pyrene	19.356	202	102781	7.886	ng	99
81) Benzo(a)anthracene	21.115	228	55912m	4.243	ng	
83) Chrysene	21.168	228	60386	4.701	ng	97
87) Indeno(1,2,3-cd)pyrene	25.397	276	47360	3.628	ng	97
88) Benzo(b)fluoranthene	22.639	252	83043m	5.970	ng	
89) Benzo(k)fluoranthene	22.674	252	27665m	2.061	ng	
90) Benzo(a)pyrene	23.186	252	62869	5.105	ng	# 97
92) Benzo(g,h,i)perylene	26.044	276	48400	4.629	ng	# 93

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

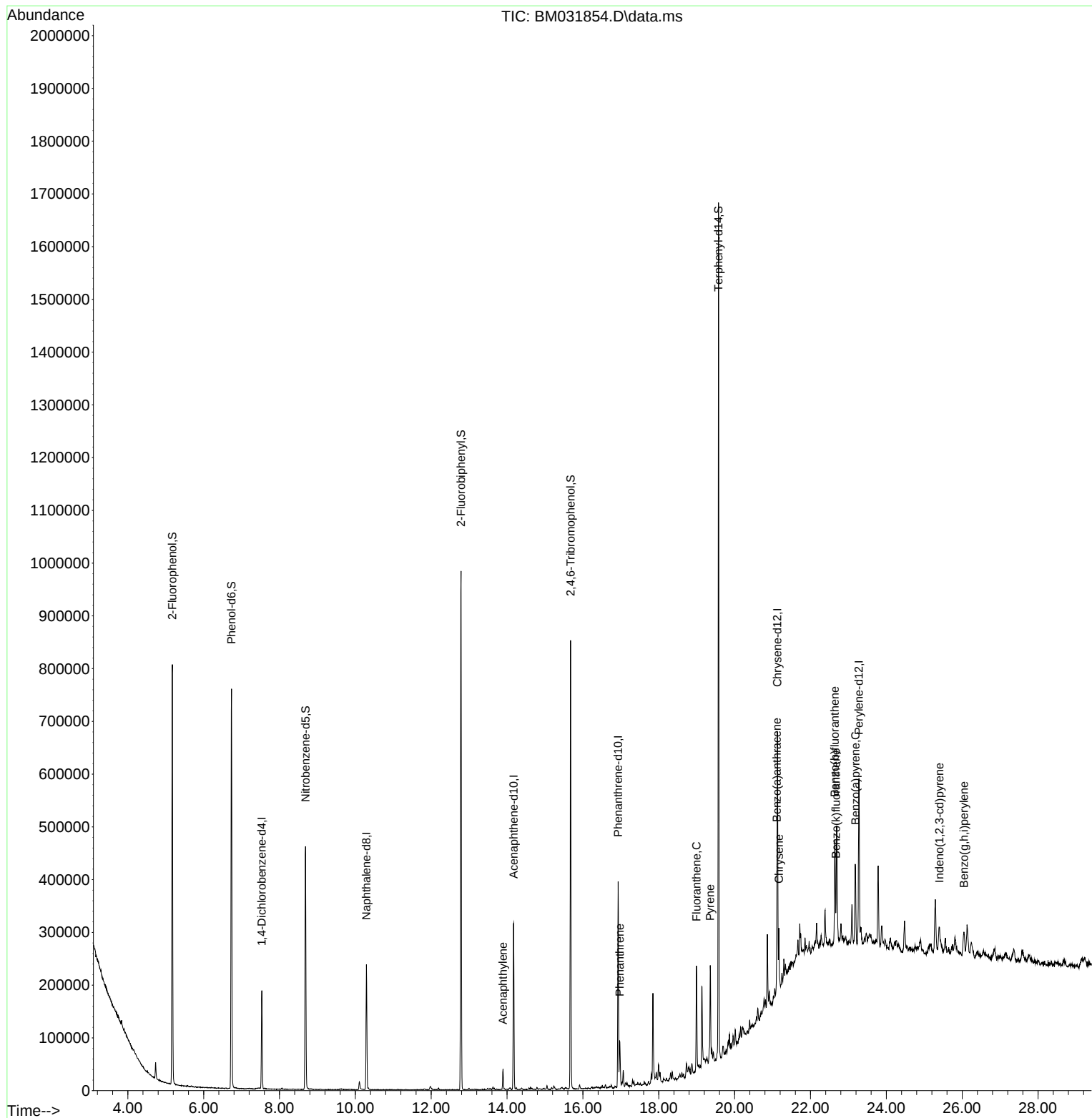
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Data File : BM031854.D
Acq On : 20 Aug 2021 22:47
Operator : CG/JU
Sample : M3434-25
Misc :
ALS Vial : 10 Sample Multiplier: 1

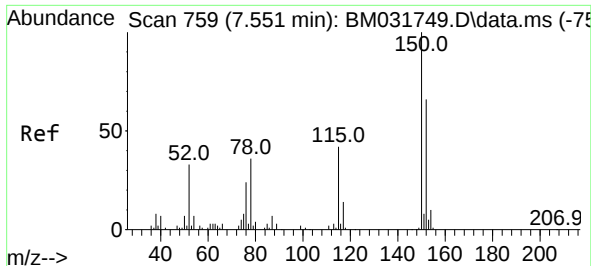
Instrument :
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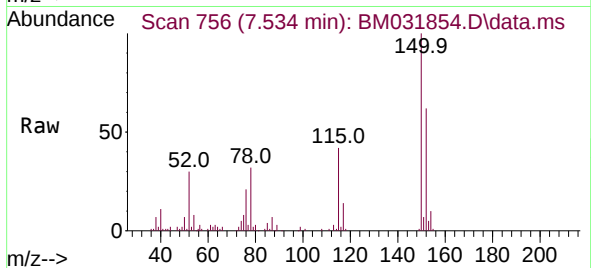
Quant Time: Aug 21 04:26:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 14:13:35 2021
Response via : Initial Calibration



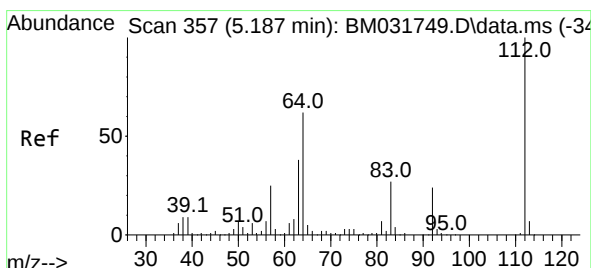
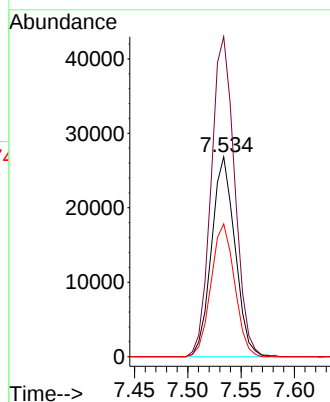
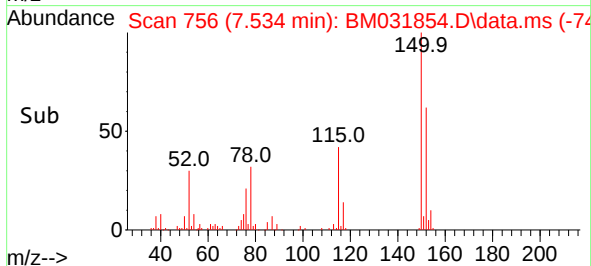


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

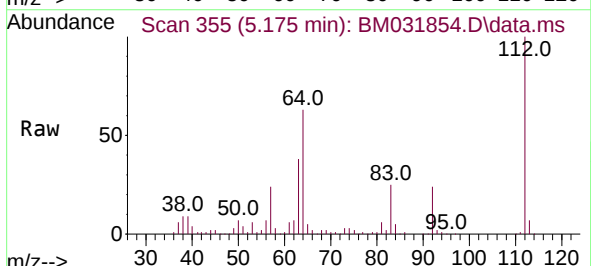
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002



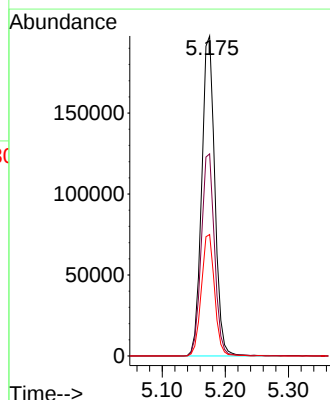
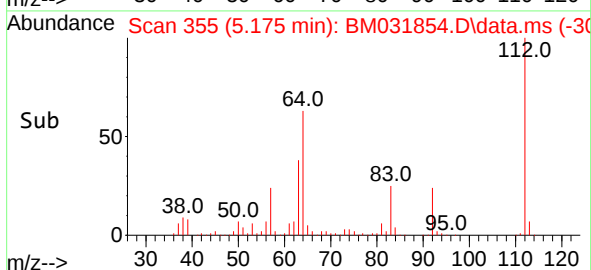
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.9	188.9
115	66.5	44.6	67.0

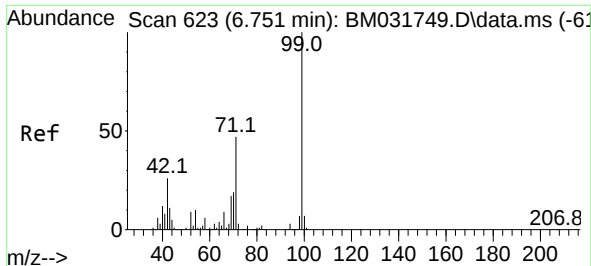


#5
2-Fluorophenol
Concen: 112.026 ng
RT: 5.175 min Scan# 355
Delta R.T. 0.000 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



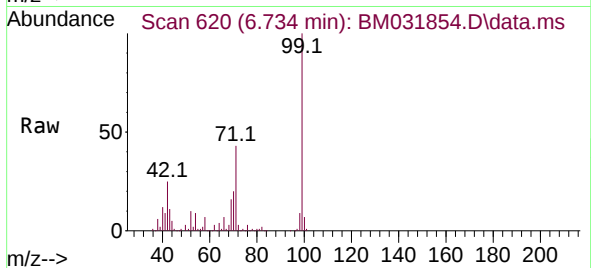
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.1	70.7
63	37.9	27.3	40.9





#7
Phenol-d6
Concen: 94.772 ng
RT: 6.734 min Scan# 620
Delta R.T. 0.000 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

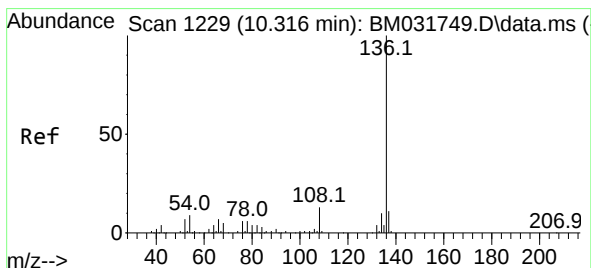
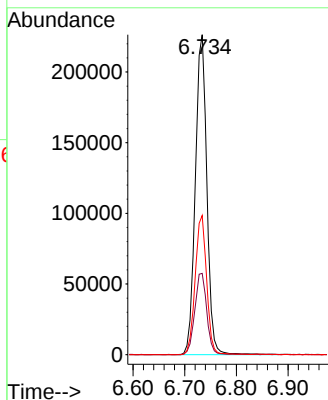
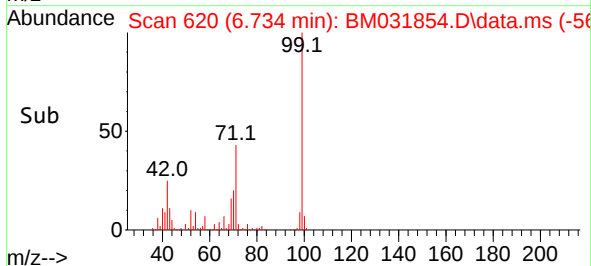
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002



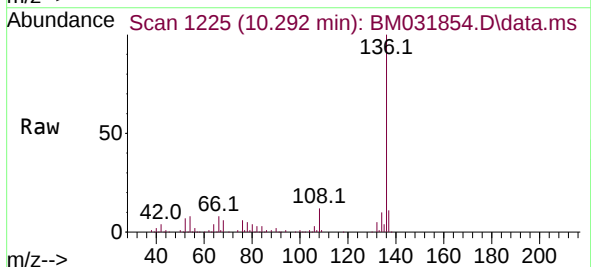
Tgt Ion: 99 Resp: 350684
Ion Ratio Lower Upper
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42 25.4 18.0 27.0
71 43.5 30.9 46.3

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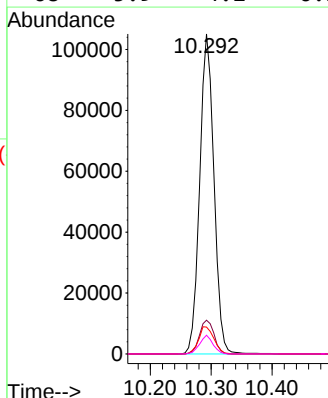
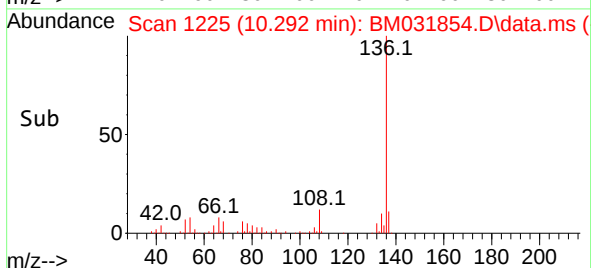
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



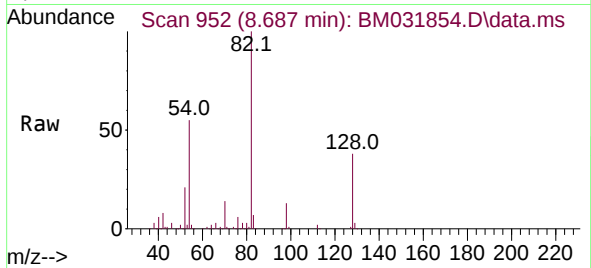
Tgt Ion: 136 Resp: 170948
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 8.4 5.5 8.3#
68 5.9 4.2 6.2





#23
Nitrobenzene-d5
Concen: 60.271 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

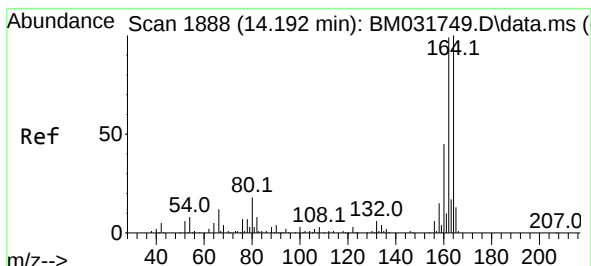
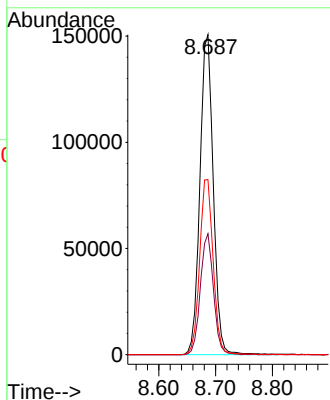
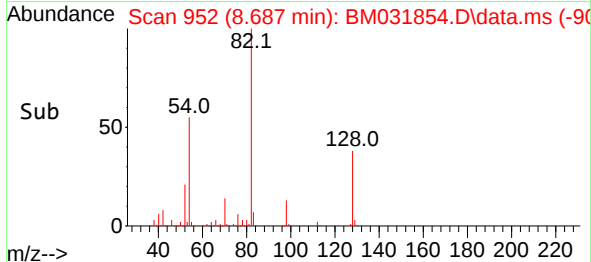
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002



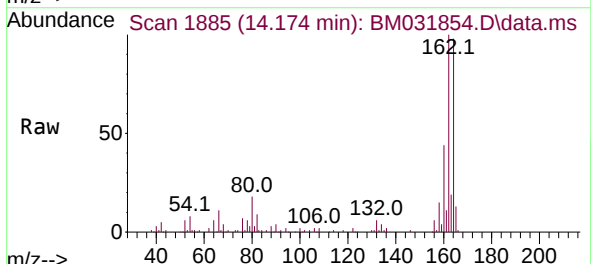
Tgt Ion: 82 Resp: 246068
Ion Ratio Lower Upper
82 100
128 37.8 31.1 46.7
54 54.7 37.3 55.9

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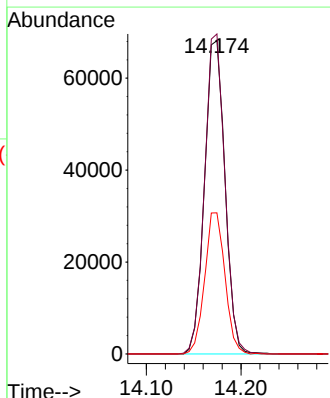
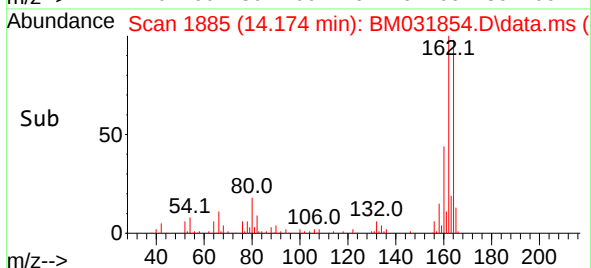
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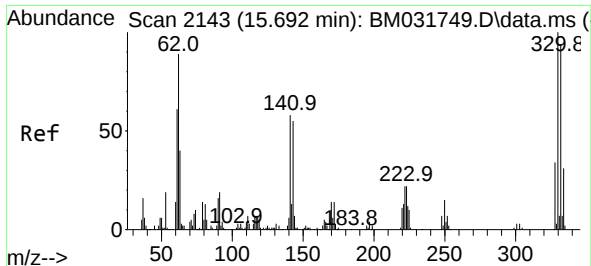


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



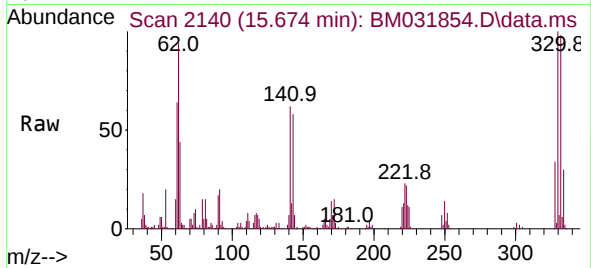
Tgt Ion: 164 Resp: 102196
Ion Ratio Lower Upper
164 100
162 102.2 83.4 125.0
160 45.0 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 81.654 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

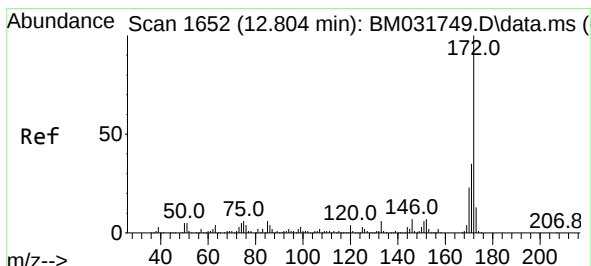
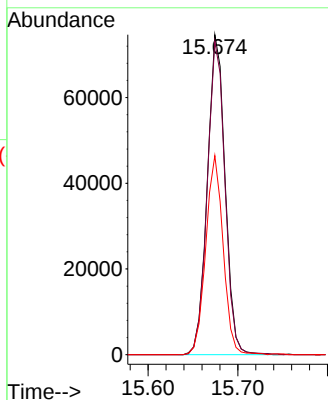
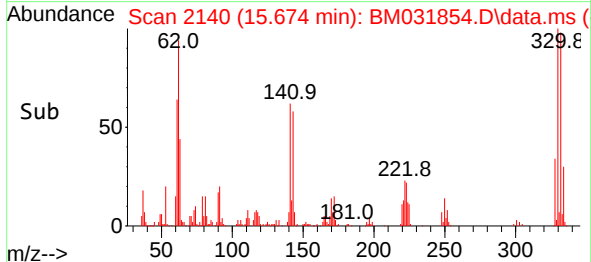
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002



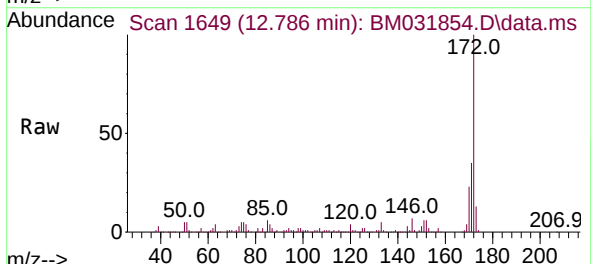
Tgt Ion:330 Resp: 102776
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.4
141 60.9 30.2 45.2#

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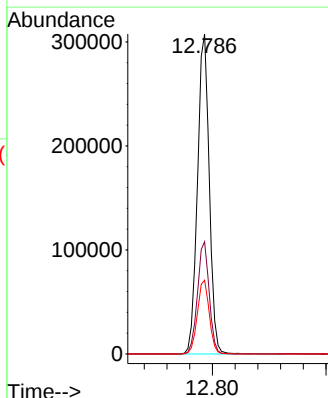
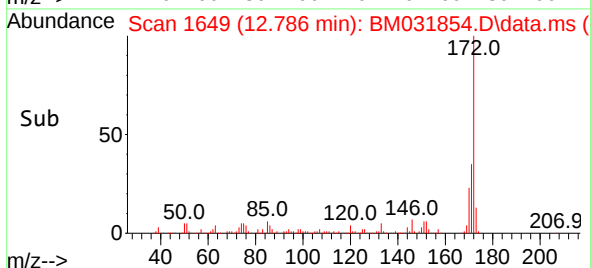
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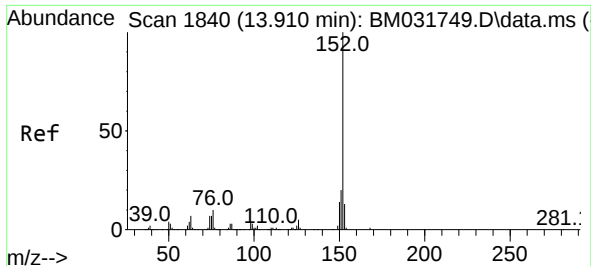


#45
2-Fluorobiphenyl
Concen: 57.814 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

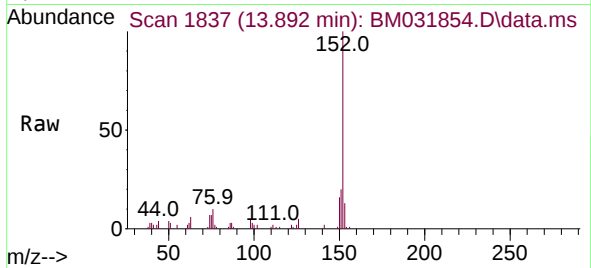


Tgt Ion:172 Resp: 443899
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 18.4 27.6

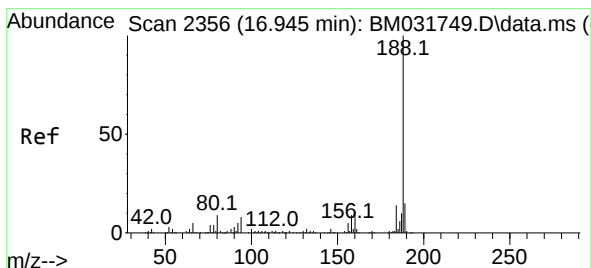
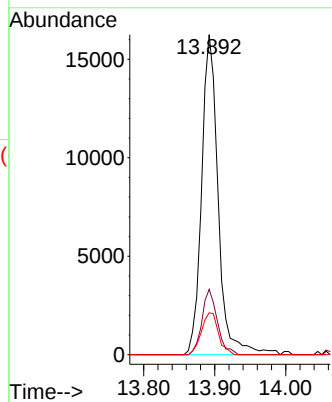
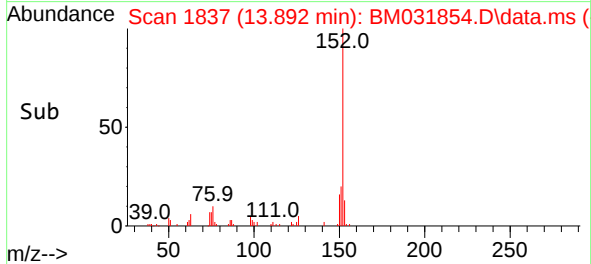




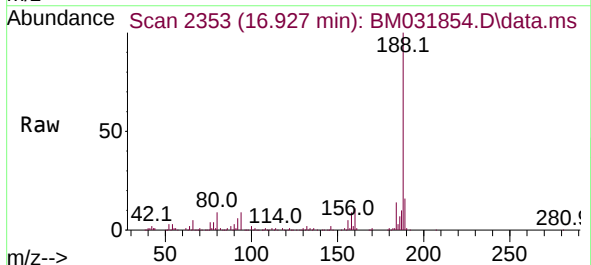
#49
Acenaphthylene
Concen: 2.557 ng
RT: 13.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



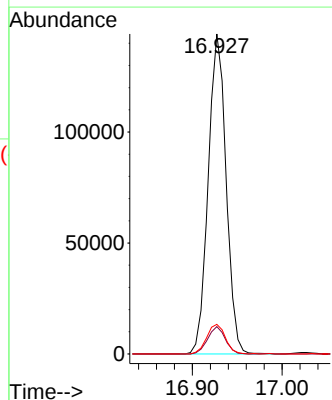
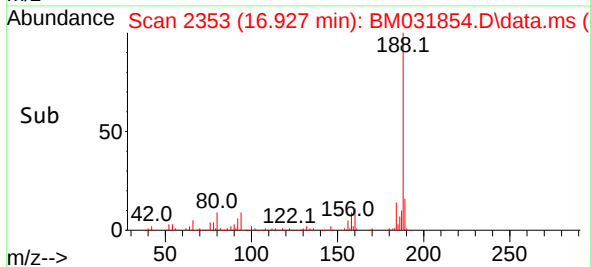
Tgt Ion:152 Resp: 26433
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.2 15.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



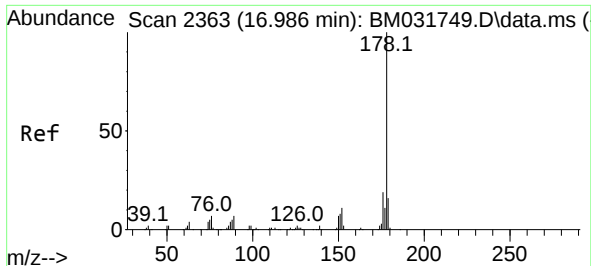
Tgt Ion:188 Resp: 199767
Ion Ratio Lower Upper
188 100
94 8.6 6.0 9.0
80 9.2 6.6 9.8



Instrument :
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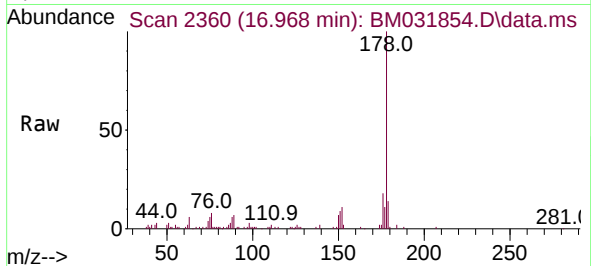
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#71
Phenanthrene
Concen: 3.702 ng
RT: 16.968 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

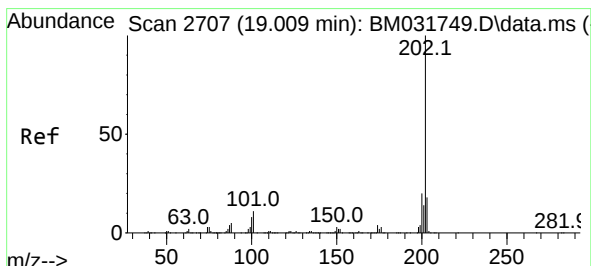
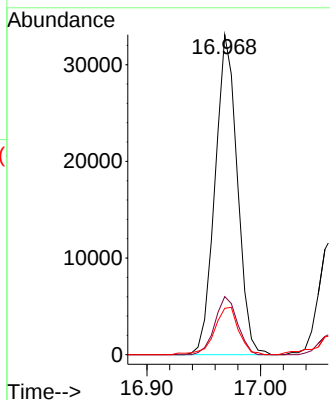
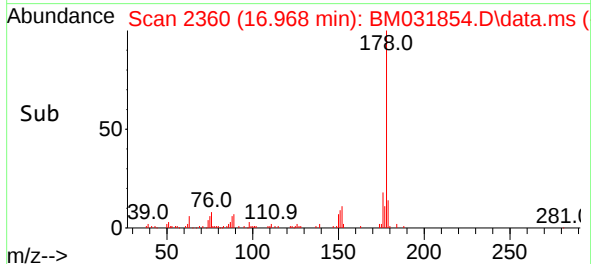
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ClientSampleId :
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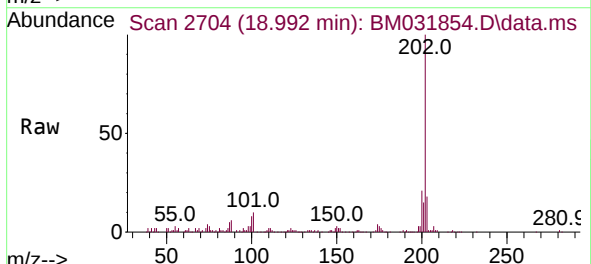
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Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.0
179 14.5 12.2 18.4

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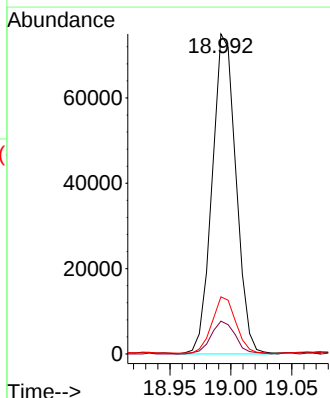
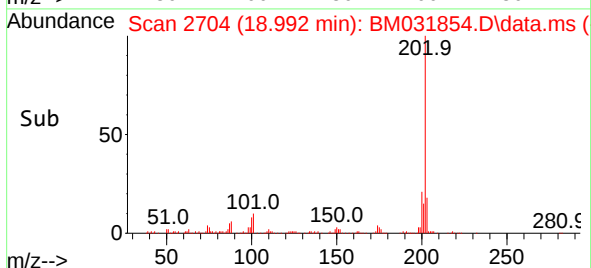
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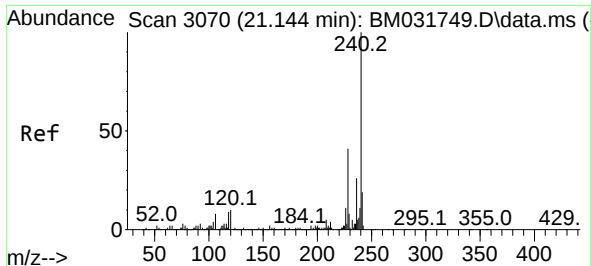


#75
Fluoranthene
Concen: 7.005 ng
RT: 18.992 min Scan# 2704
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



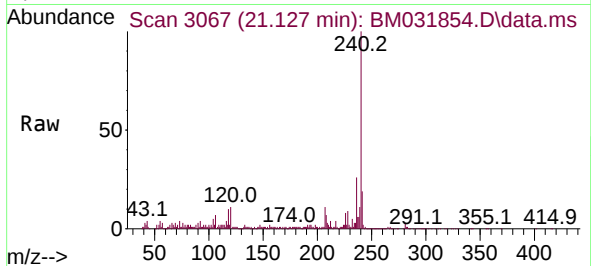
Tgt Ion:202 Resp: 102222
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.6
203 17.8 0.0 37.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

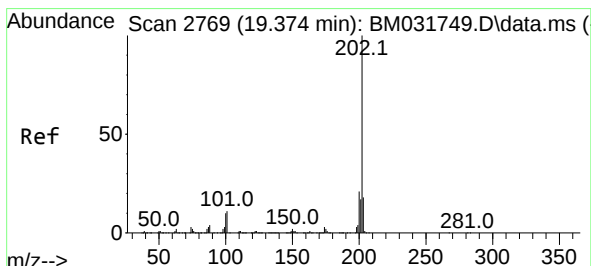
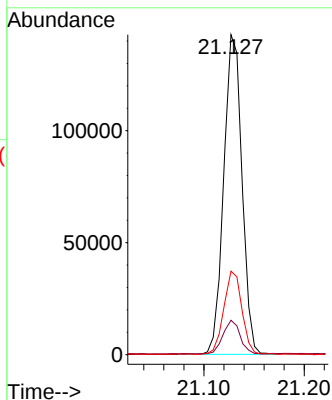
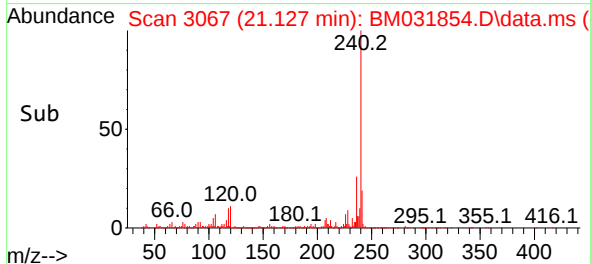
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002



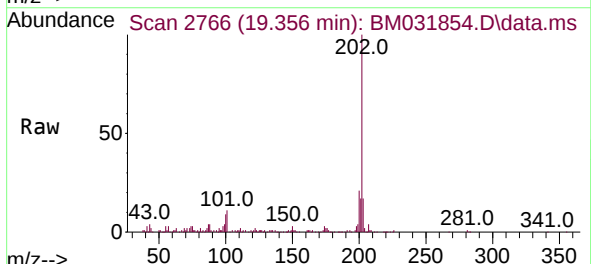
Tgt Ion:240 Resp: 179918
Ion Ratio Lower Upper
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120 10.8 7.0 10.6#
236 26.1 21.0 31.4

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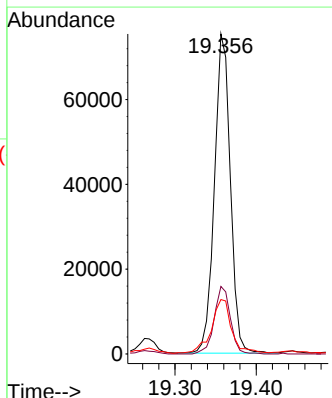
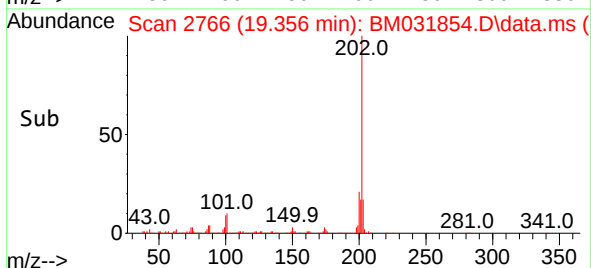
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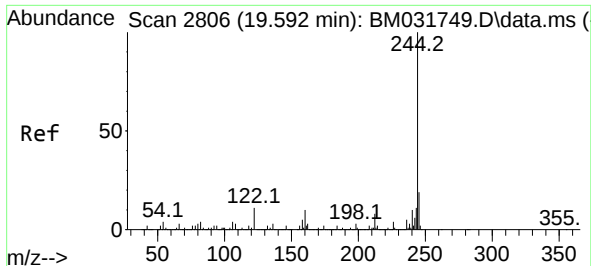


#78
Pyrene
Concen: 7.886 ng
RT: 19.356 min Scan# 2766
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

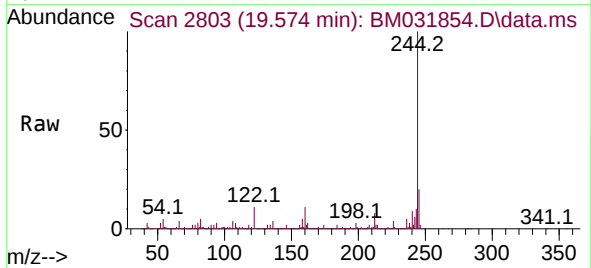


Tgt Ion:202 Resp: 102781
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.0 13.9 20.9

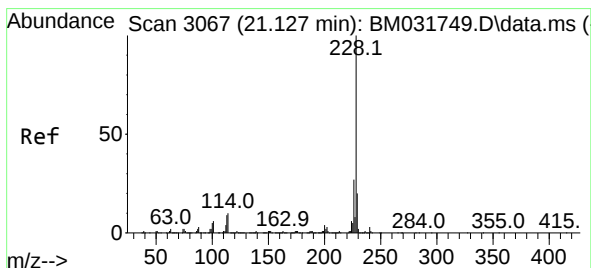
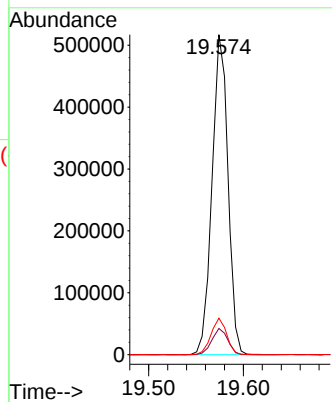
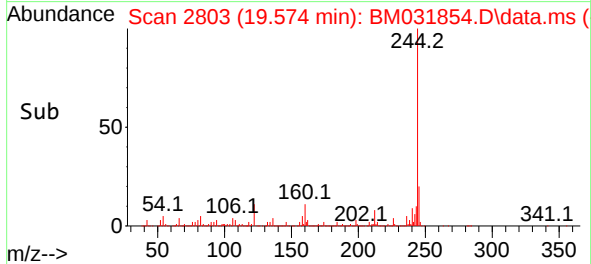




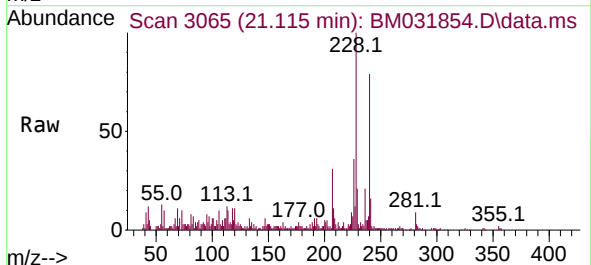
#79
Terphenyl-d14
Concen: 56.391 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



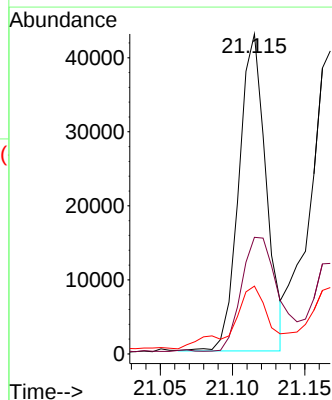
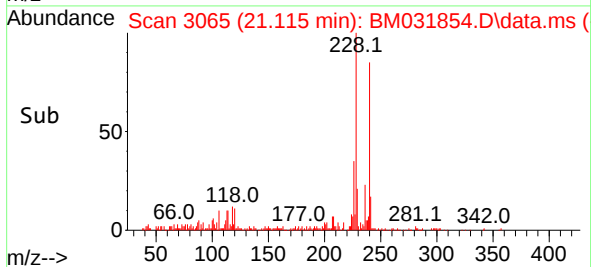
Tgt Ion:244 Resp: 602168
Ion Ratio Lower Upper
244 100
212 8.2 6.3 9.5
122 11.4 6.9 10.3#



#81
Benzo(a)anthracene
Concen: 4.243 ng m
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



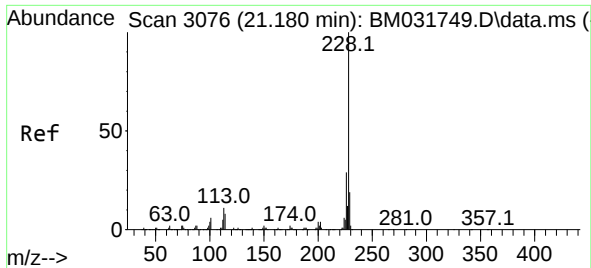
Tgt Ion:228 Resp: 55912
Ion Ratio Lower Upper
228 100
226 36.4 22.3 33.5#
229 21.2 15.7 23.5



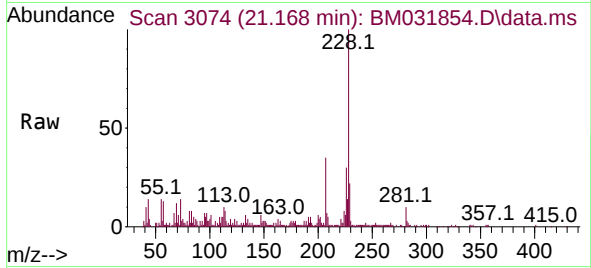
Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002

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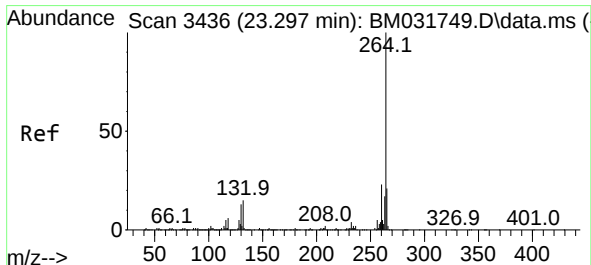
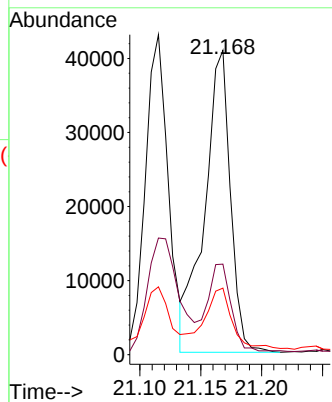
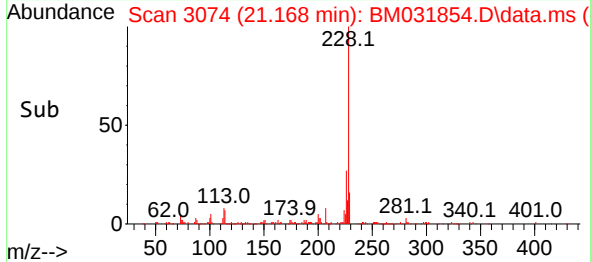
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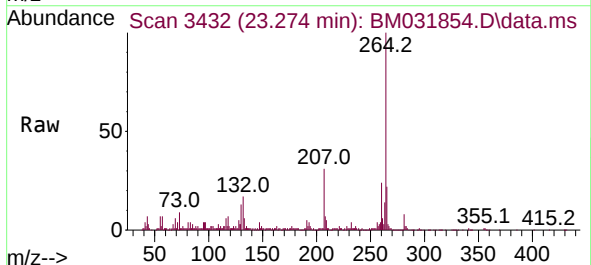
#83
Chrysene
Concen: 4.701 ng
RT: 21.168 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



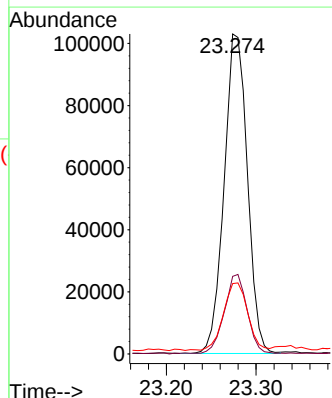
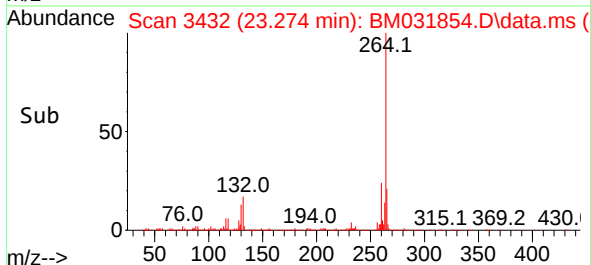
Tgt Ion:228 Resp: 60386
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 21.9 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47



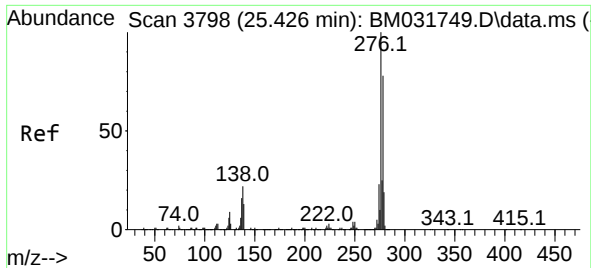
Tgt Ion:264 Resp: 185265
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 22.0 17.7 26.5



Instrument :
BNA_M
ClientSampleId :
SWCS-14-0002

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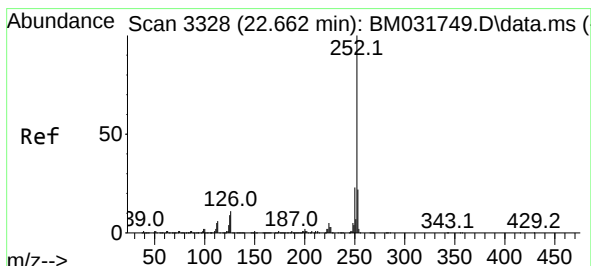
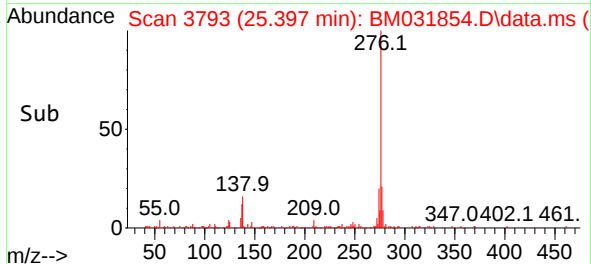
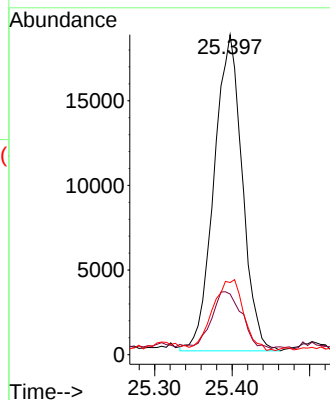
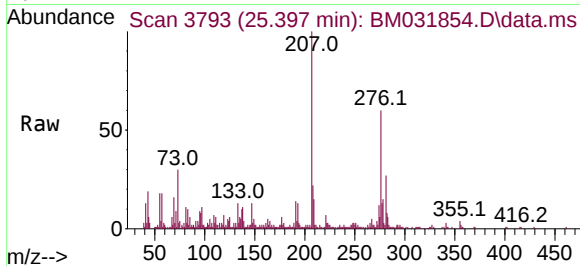
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.628 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

Tgt Ion:	276	Resp:	47360
Ion Ratio	Lower	Upper	
276	100		
138	19.0	17.1	25.7
277	24.5	20.3	30.5

Instrument :
BNA_M
ClientSampleId :
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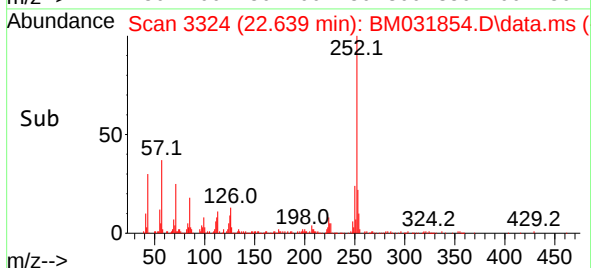
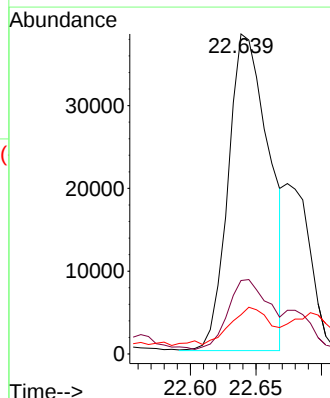
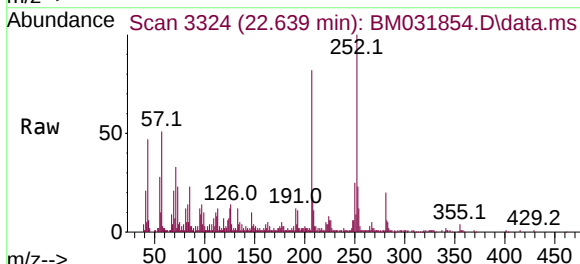
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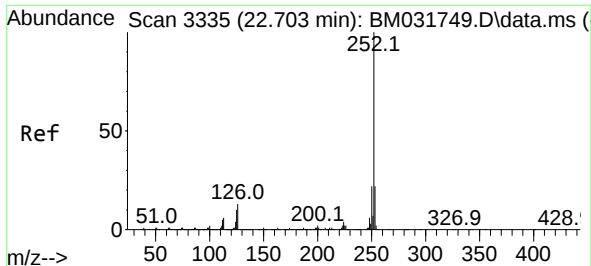
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#88
Benzo(b)fluoranthene
Concen: 5.970 ng m
RT: 22.639 min Scan# 3324
Delta R.T. -0.006 min
Lab File: BM031854.D
Acq: 20 Aug 2021 22:47

Tgt Ion:	252	Resp:	83043
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	12.3	6.8	10.2





#89

Benzo(k)fluoranthene

Concen: 2.061 ng m

RT: 22.674 min Scan# 3330

Delta R.T. -0.018 min

Lab File: BM031854.D

Acq: 20 Aug 2021 22:47

Tgt Ion:	252	Resp:	27665
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.4	26.2
125	17.7	6.2	9.2#

Instrument :

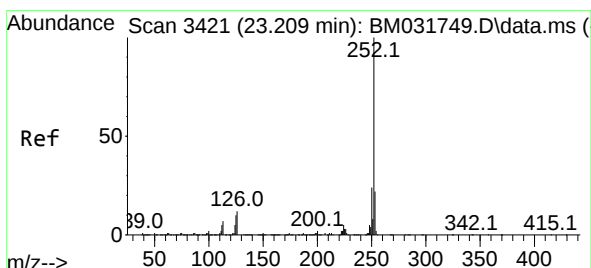
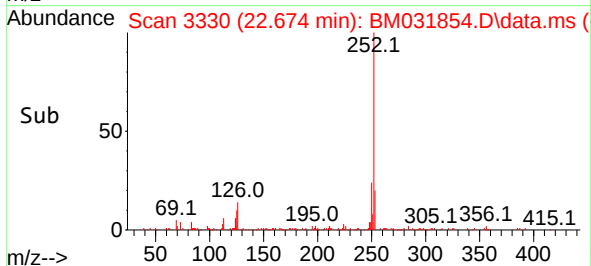
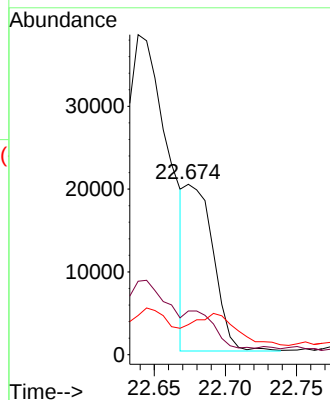
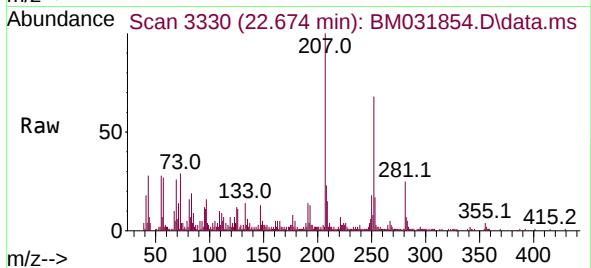
BNA_M

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 5.105 ng

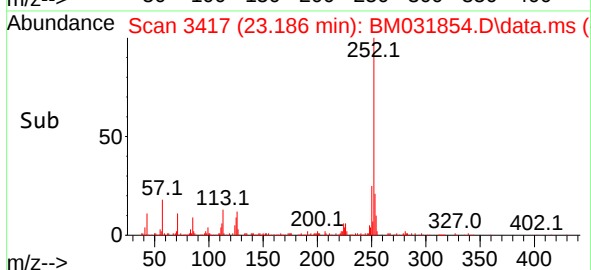
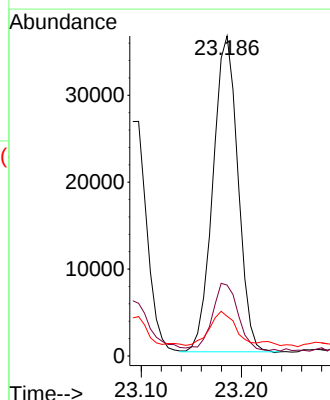
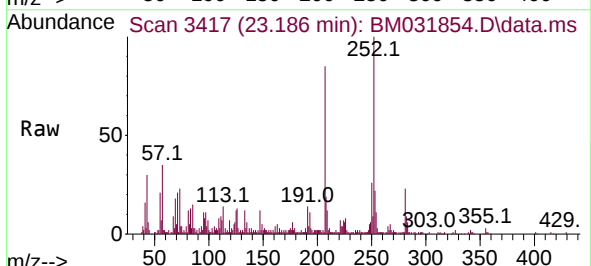
RT: 23.186 min Scan# 3417

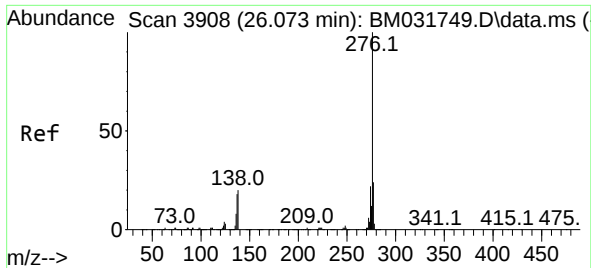
Delta R.T. -0.006 min

Lab File: BM031854.D

Acq: 20 Aug 2021 22:47

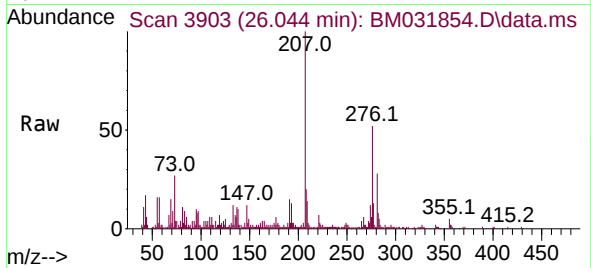
Tgt Ion:	252	Resp:	62869
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	12.4	7.3	10.9#





#92
 Benzo(g,h,i)perylene
 Concen: 4.629 ng
 RT: 26.044 min Scan# 3903
 Delta R.T. -0.006 min
 Lab File: BM031854.D
 Acq: 20 Aug 2021 22:47

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-14-0002



Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.4	29.2
138	23.1	14.4	21.6

Manual Integrations
 APPROVED

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