

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081921\
 Data File : BM031831.D
 Acq On : 19 Aug 2021 16:48
 Operator : CG/JU
 Sample : M3434-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-12-0002

Quant Time: Aug 19 17:41:13 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	44735	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	178856	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	106989	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	216460	20.000	ng	0.00
76) Chrysene-d12	21.133	240	194927	20.000	ng	0.00
86) Perylene-d12	23.280	264	201551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	132290	47.463	ng	0.00
7) Phenol-d6	6.734	99	160254	39.679	ng	0.00
23) Nitrobenzene-d5	8.686	82	111307	26.058	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	46362	35.184	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	213470	26.557	ng	0.00
79) Terphenyl-d14	19.574	244	295611	25.551	ng	0.00

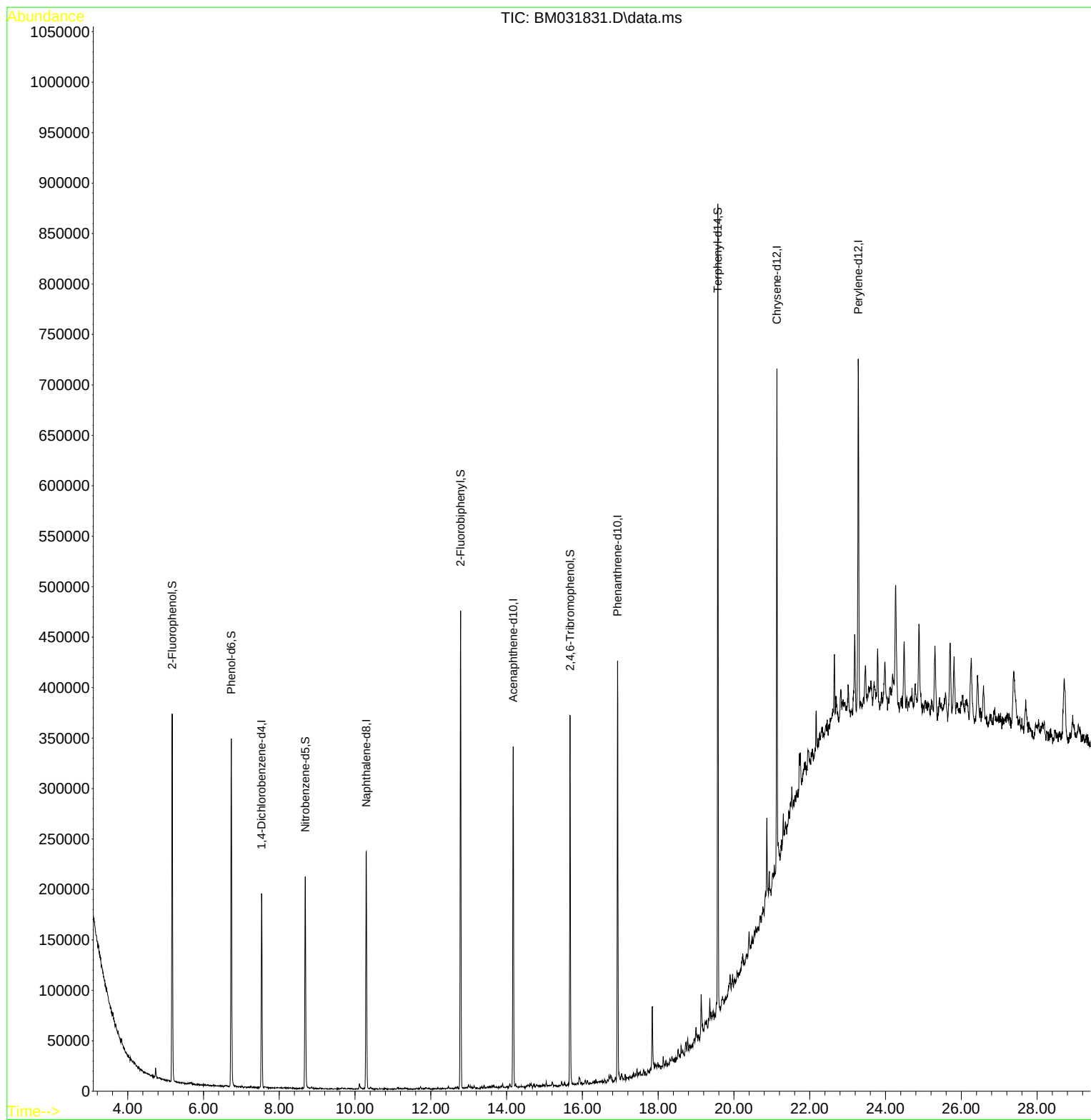
Target Compounds	Qvalue

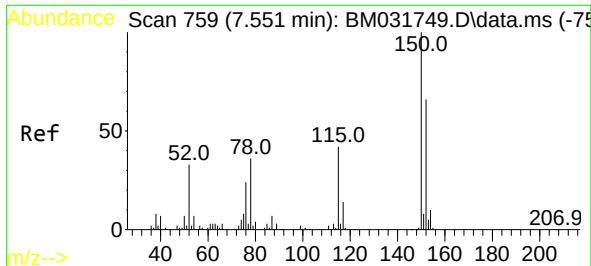
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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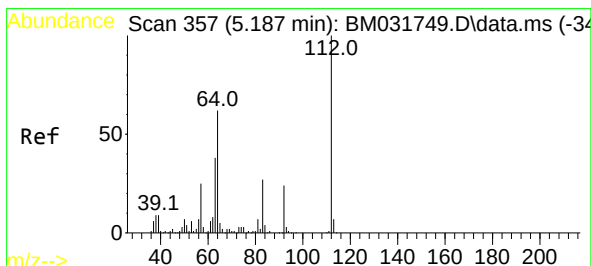
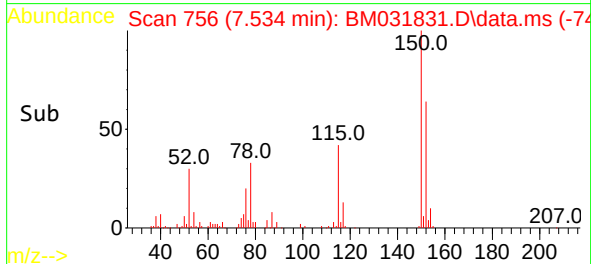
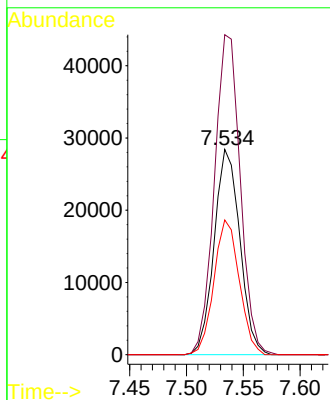
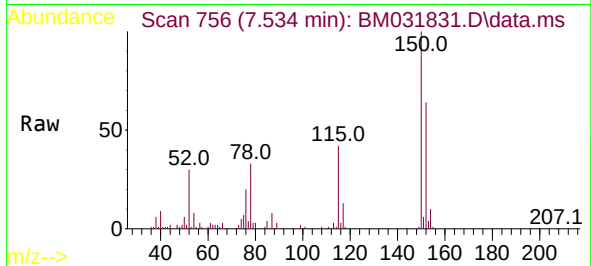




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

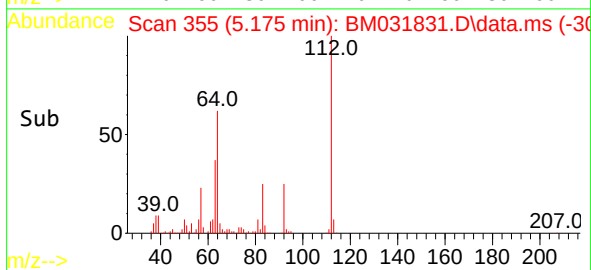
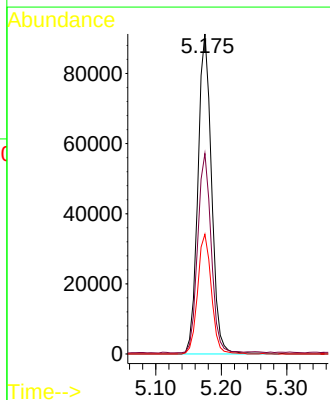
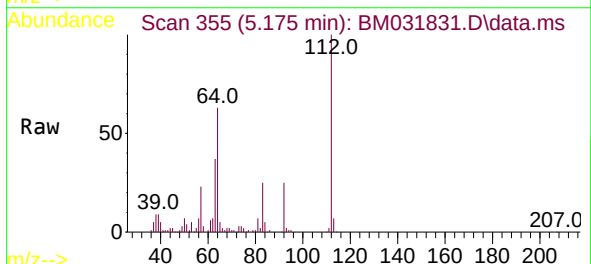
Instrument :
BNA_M
ClientSampleId :
SWCS-12-0002

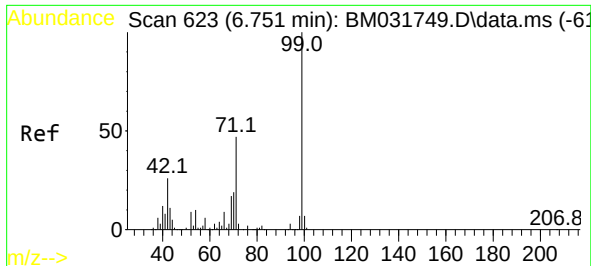
Tgt Ion:152 Resp: 44735
Ion Ratio Lower Upper
152 100
150 155.9 125.9 188.9
115 65.6 44.6 67.0



#5
2-Fluorophenol
Concen: 47.463 ng
RT: 5.175 min Scan# 355
Delta R.T. -0.000 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

Tgt Ion:112 Resp: 132290
Ion Ratio Lower Upper
112 100
64 62.6 47.1 70.7
63 37.4 27.3 40.9

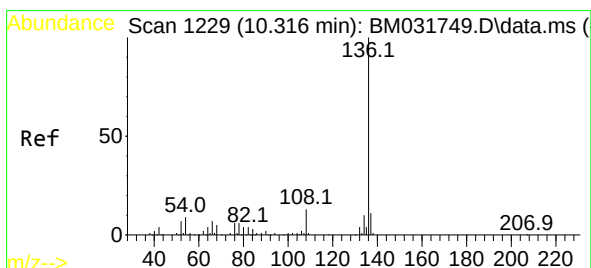
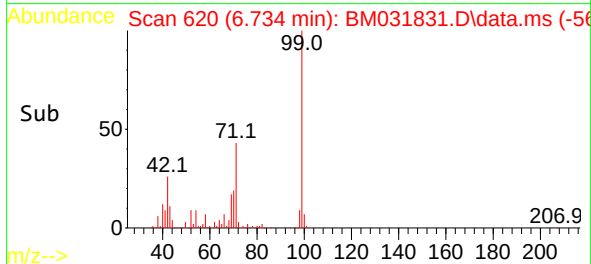
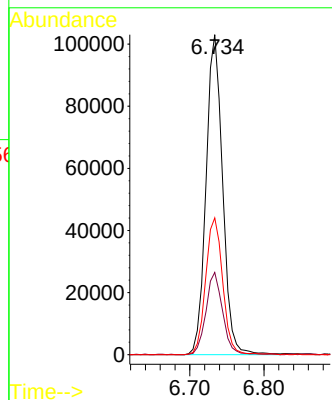
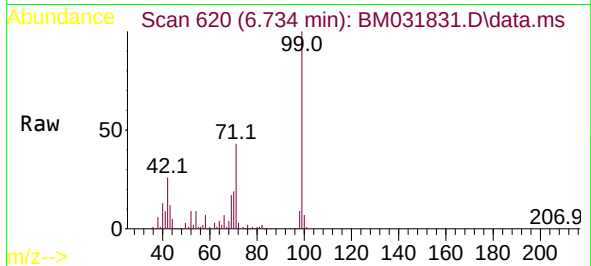




#7
Phenol-d6
Concen: 39.679 ng
RT: 6.734 min Scan# 620
Delta R.T. -0.000 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

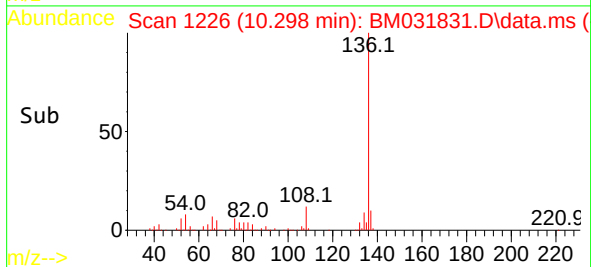
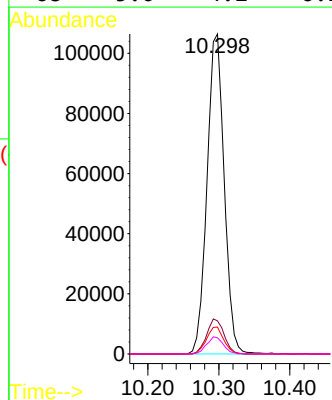
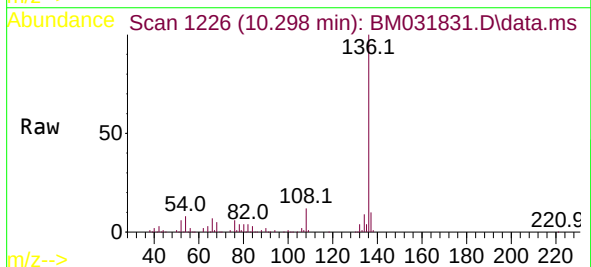
Instrument :
BNA_M
ClientSampleId :
SWCS-12-0002

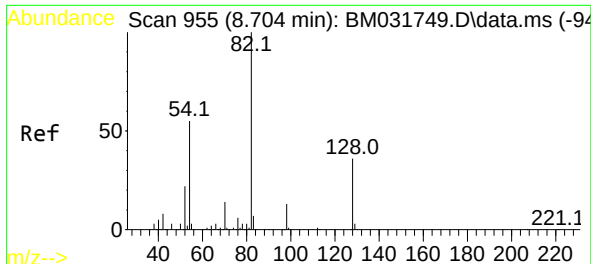
Tgt Ion: 99 Resp: 160254
Ion Ratio Lower Upper
99 100
42 25.7 18.0 27.0
71 42.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

Tgt Ion:136 Resp: 178856
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 8.4 5.5 8.3#
68 5.0 4.2 6.2

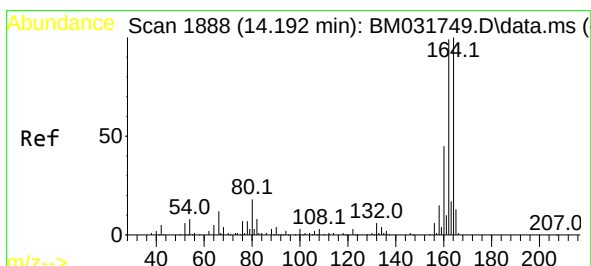
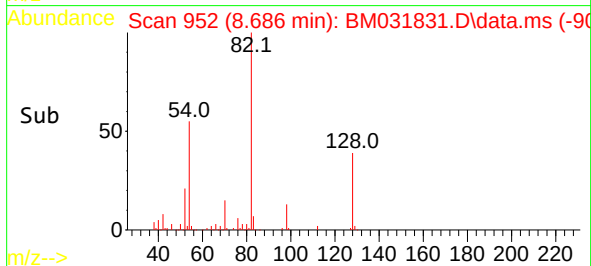
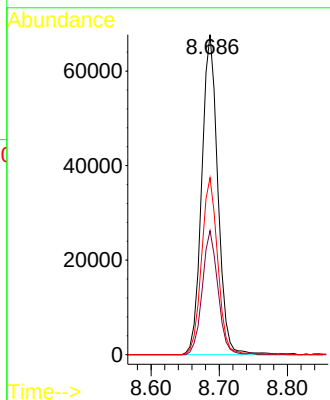
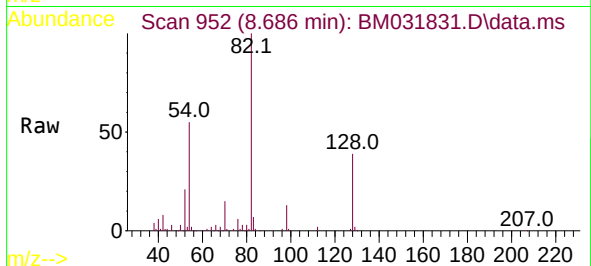




#23
Nitrobenzene-d5
Concen: 26.058 ng
RT: 8.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

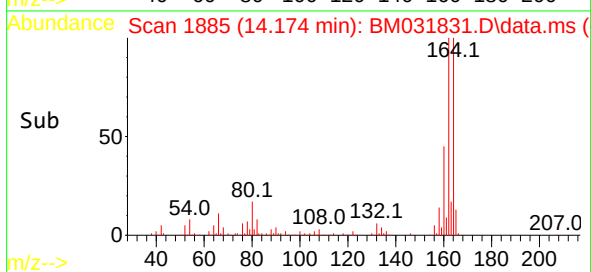
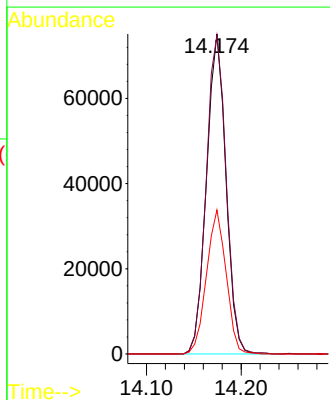
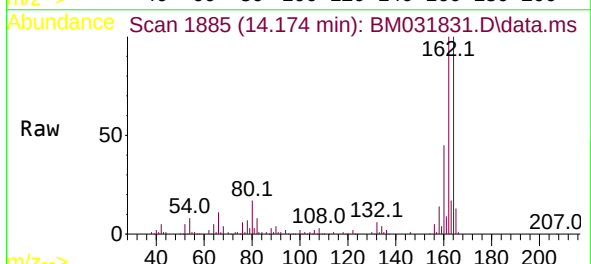
Instrument :
BNA_M
ClientSampleId :
SWCS-12-0002

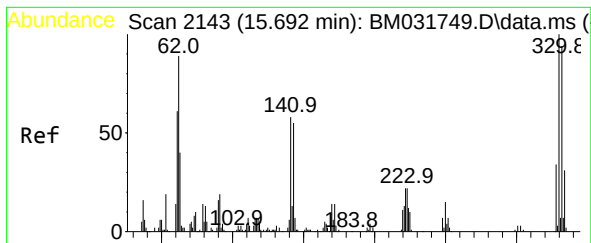
Tgt Ion: 82 Resp: 111307
Ion Ratio Lower Upper
82 100
128 38.8 31.1 46.7
54 55.3 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

Tgt Ion: 164 Resp: 106989
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 45.0 37.2 55.8

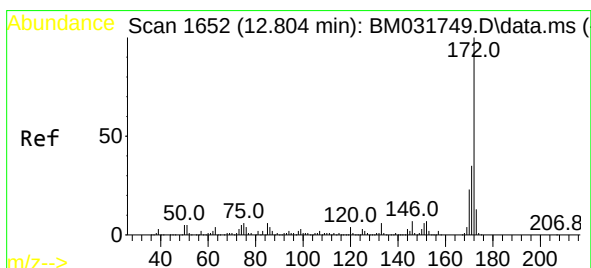
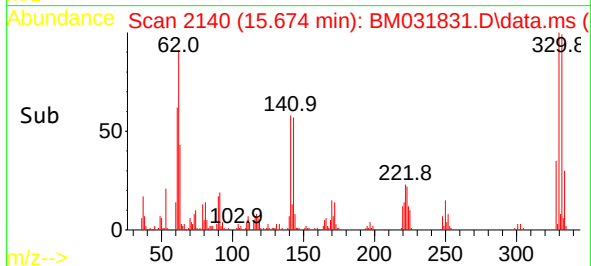
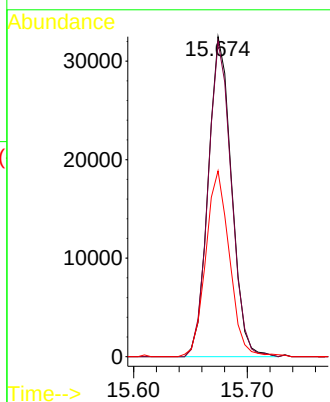
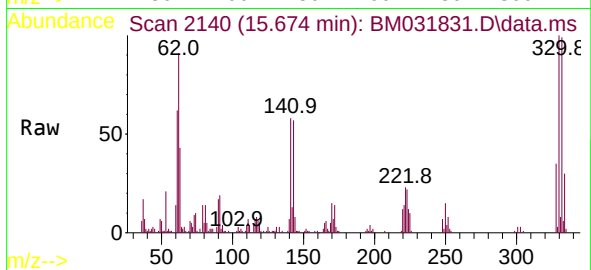




#42
2,4,6-Tribromophenol
Concen: 35.184 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

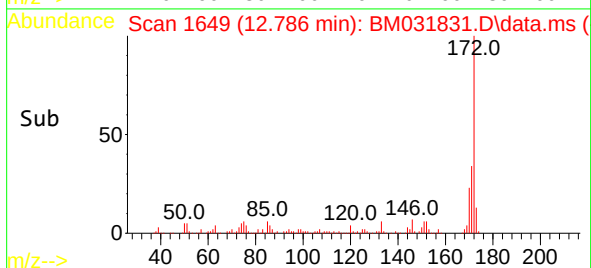
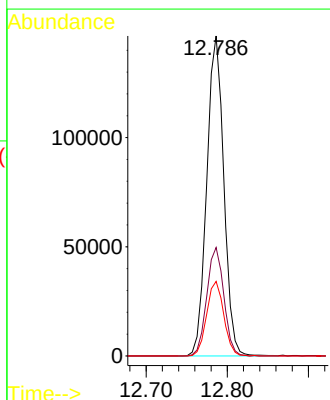
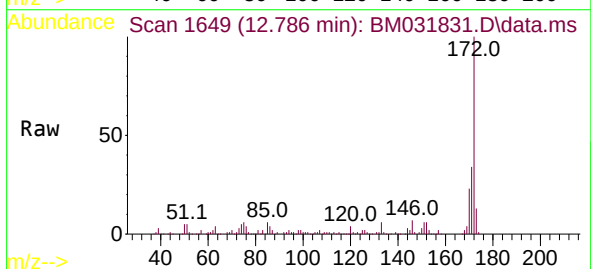
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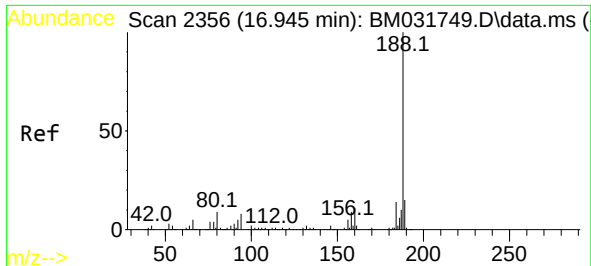
Tgt Ion:330 Resp: 46362
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.4
141 59.3 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 26.557 ng
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

Tgt Ion:172 Resp: 213470
Ion Ratio Lower Upper
172 100
171 33.9 28.6 43.0
170 23.3 18.4 27.6

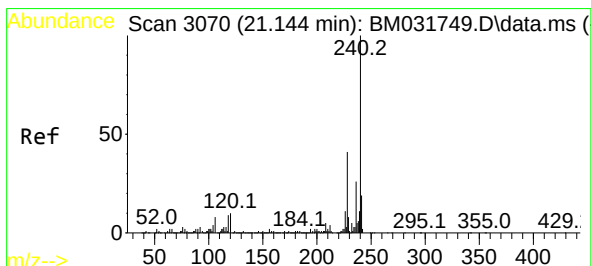
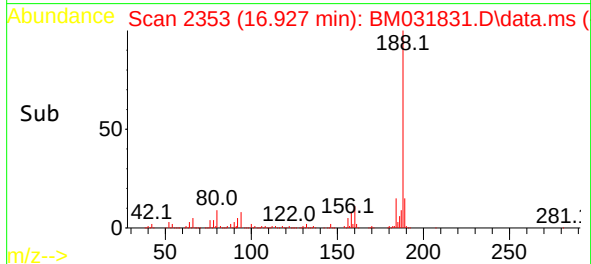
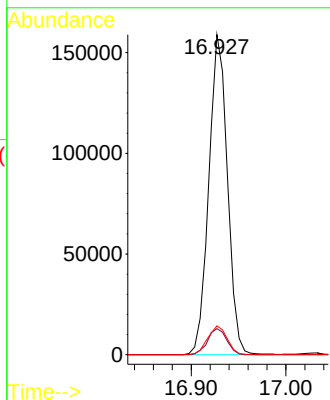
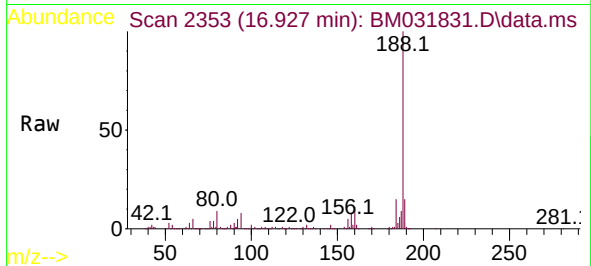




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.927 min Scan# 2353
Delta R.T. -0.006 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

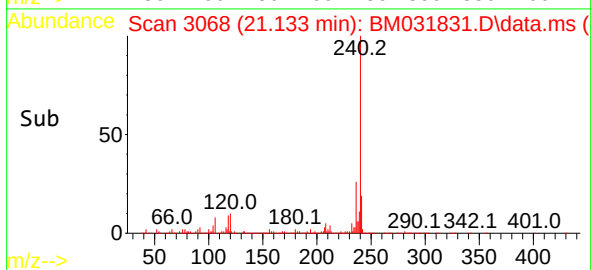
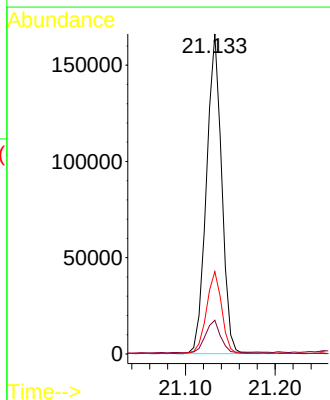
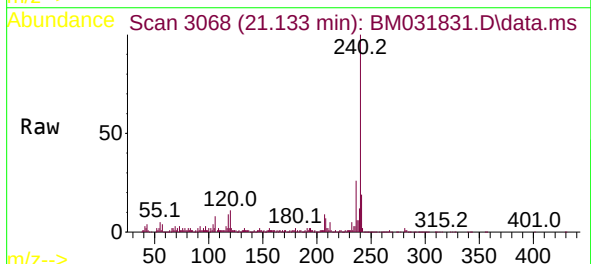
Instrument :
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SWCS-12-0002

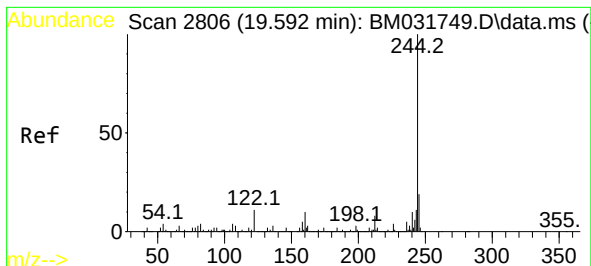
Tgt Ion:188 Resp: 216460
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 9.0 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BM031831.D
Acq: 19 Aug 2021 16:48

Tgt Ion:240 Resp: 194927
Ion Ratio Lower Upper
240 100
120 10.6 7.0 10.6
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 25.551 ng

RT: 19.574 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM031831.D

Acq: 19 Aug 2021 16:48

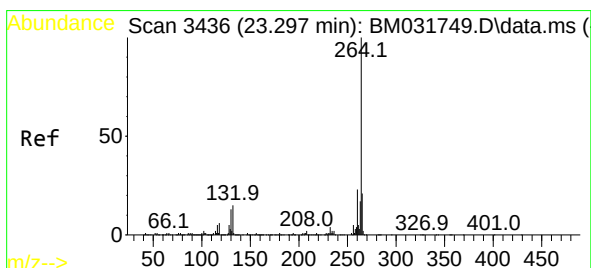
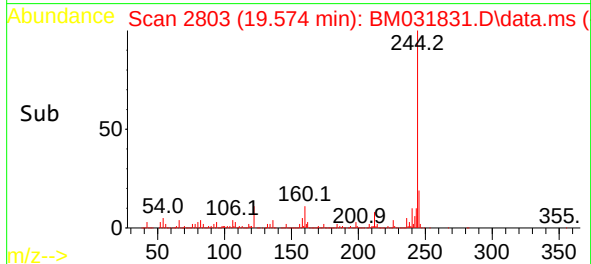
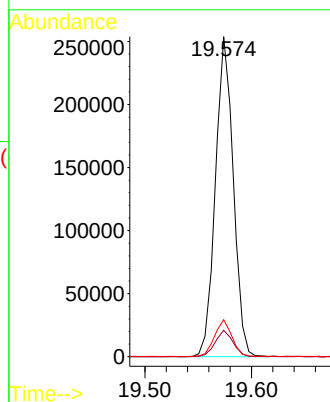
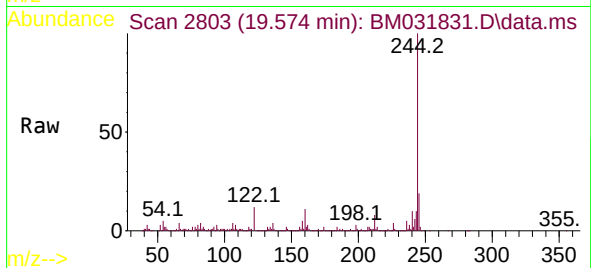
Tgt Ion:	244	Resp:	295611
Ion Ratio	Lower	Upper	
244	100		
212	8.3	6.3	9.5
122	11.5	6.9	10.3#

Instrument :

BNA_M

ClientSampleId :

SWCS-12-0002



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.280 min Scan# 3433

Delta R.T. -0.000 min

Lab File: BM031831.D

Acq: 19 Aug 2021 16:48

Tgt Ion:	264	Resp:	201551
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.8	29.8
265	22.4	17.7	26.5

