

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031764.D
 Acq On : 16 Aug 2021 23:21
 Operator : CG/JU
 Sample : M3407-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 26N

Quant Time: Aug 17 03:10:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 16:42:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	33359	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	136134	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	87220	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	196732	20.000	ng	0.00
76) Chrysene-d12	21.139	240	212405	20.000	ng	0.00
86) Perylene-d12	23.286	264	215304	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	328230	157.921	ng	0.00
7) Phenol-d6	6.746	99	370636	123.064	ng	0.00
23) Nitrobenzene-d5	8.704	82	326891	100.543	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	167784	156.190	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	645244	98.467	ng	0.00
79) Terphenyl-d14	19.592	244	1324251	105.044	ng	0.00

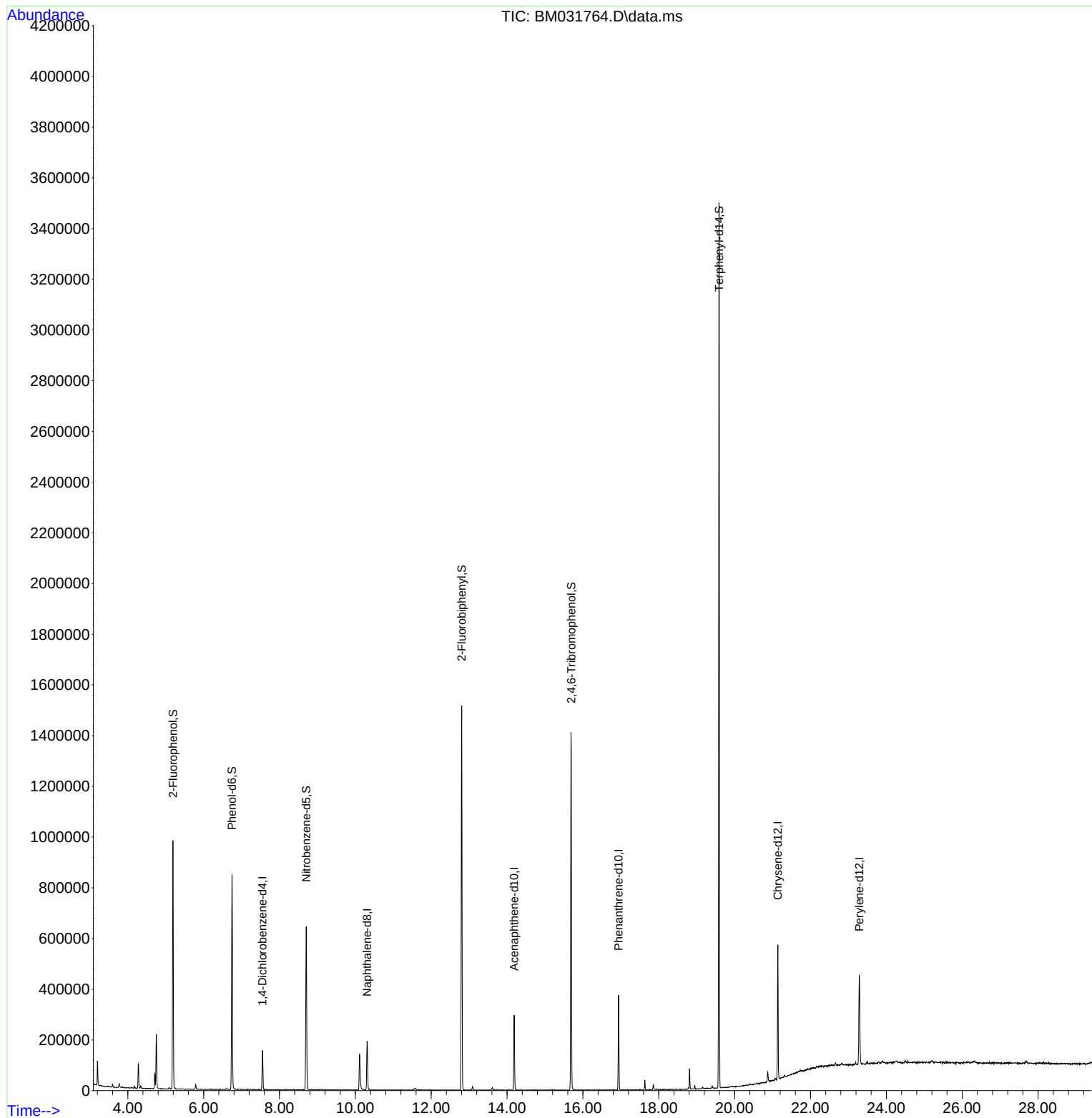
Target Compounds	Qvalue

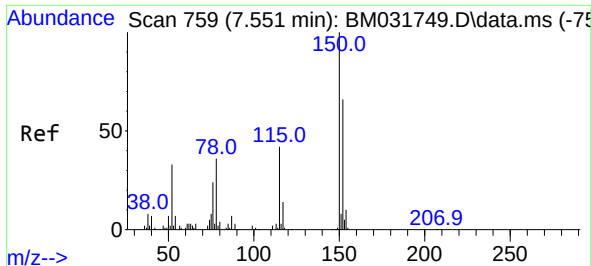
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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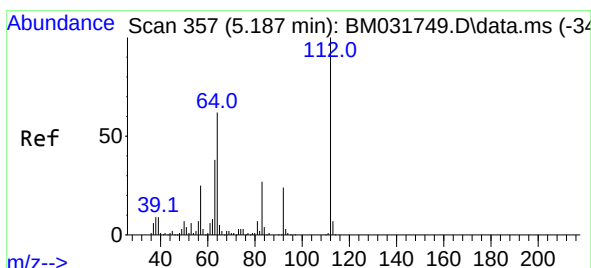
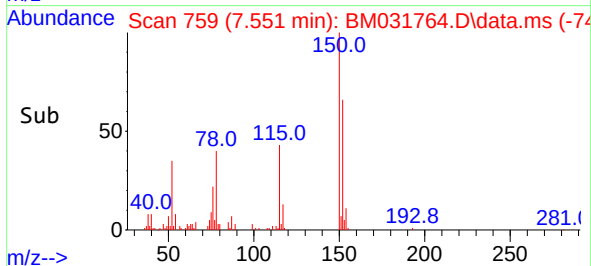
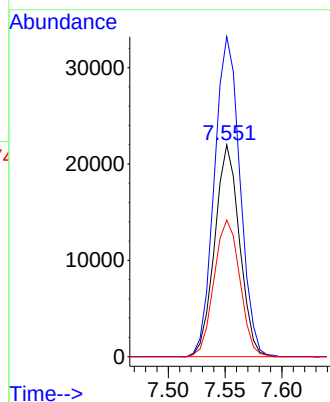
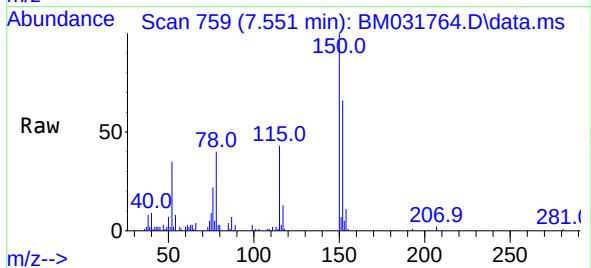




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

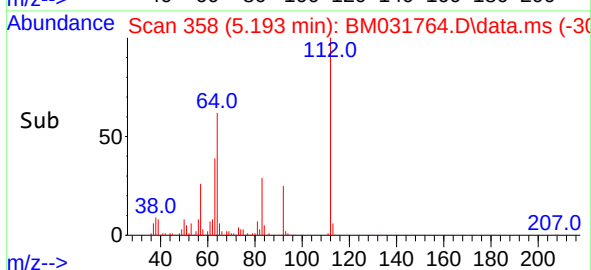
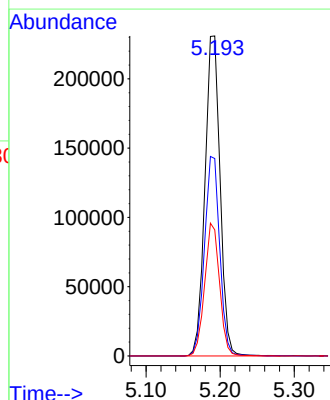
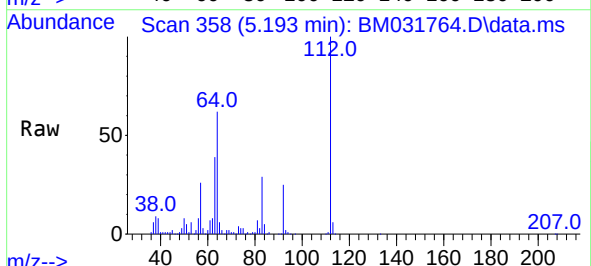
Instrument :
BNA_M
ClientSampled :
26N

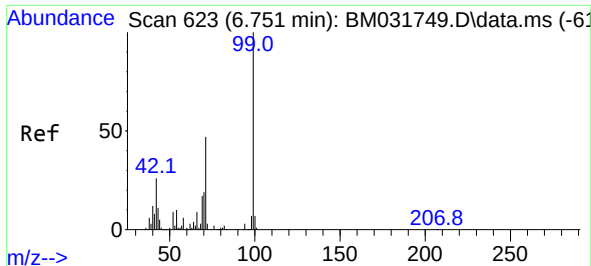
Tgt Ion:152 Resp: 33359
Ion Ratio Lower Upper
152 100
150 151.1 125.9 188.9
115 64.5 44.6 67.0



#5
2-Fluorophenol
Concen: 157.921 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

Tgt Ion:112 Resp: 328230
Ion Ratio Lower Upper
112 100
64 61.7 47.1 70.7
63 39.4 27.3 40.9

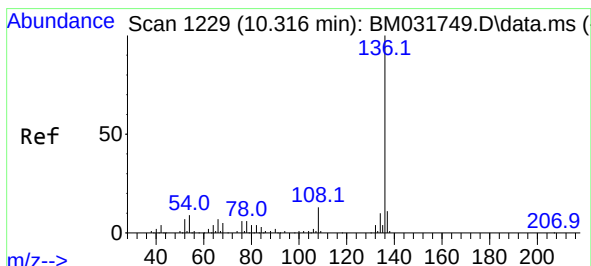
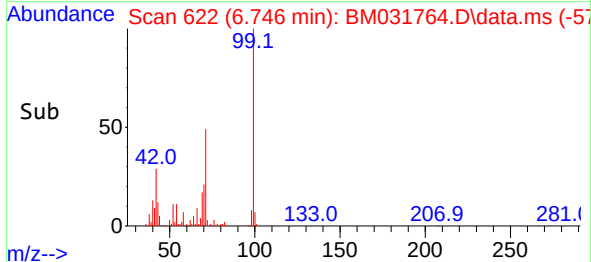
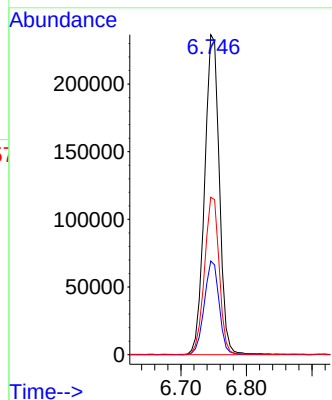
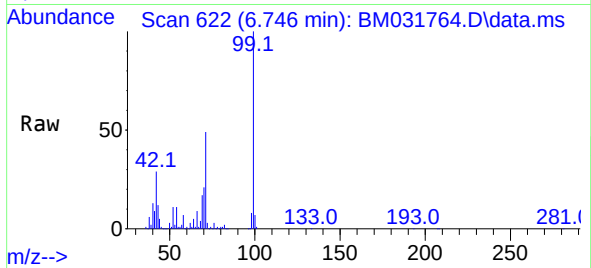




#7
Phenol-d6
Concen: 123.064 ng
RT: 6.746 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

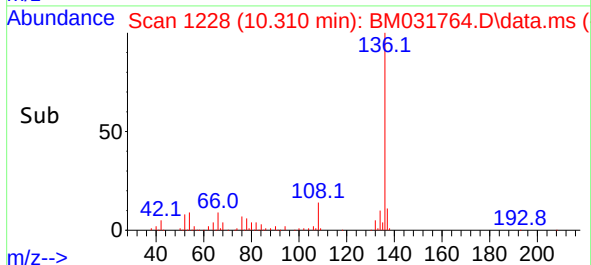
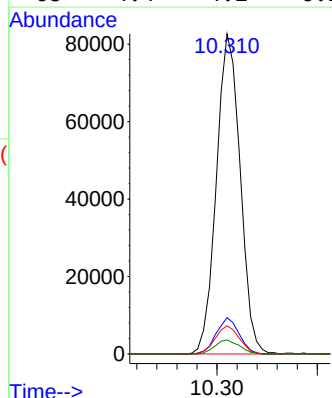
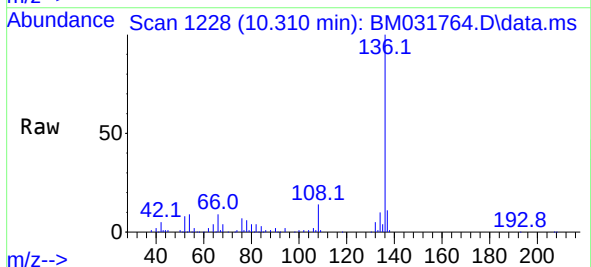
Instrument :
BNA_M
ClientSampled :
26N

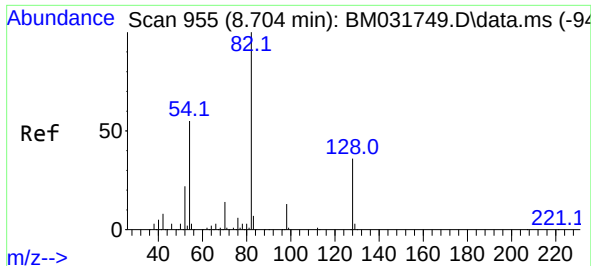
Tgt Ion: 99 Resp: 370636
Ion Ratio Lower Upper
99 100
42 29.2 18.0 27.0#
71 49.2 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

Tgt Ion: 136 Resp: 136134
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.8 5.5 8.3#
68 4.4 4.2 6.2

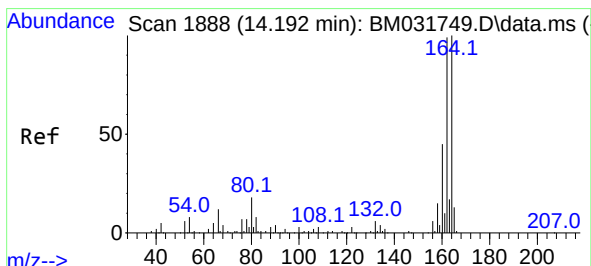
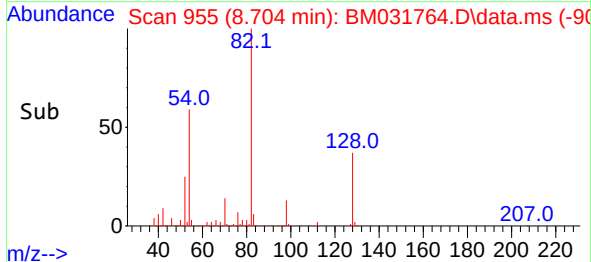
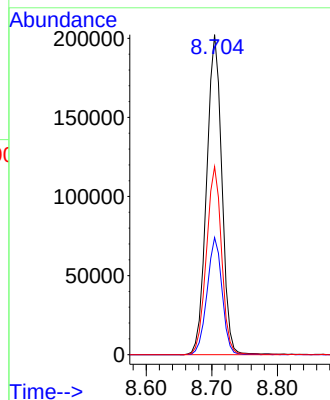
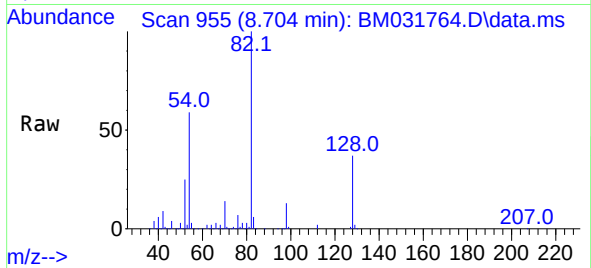




#23
Nitrobenzene-d5
Concen: 100.543 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

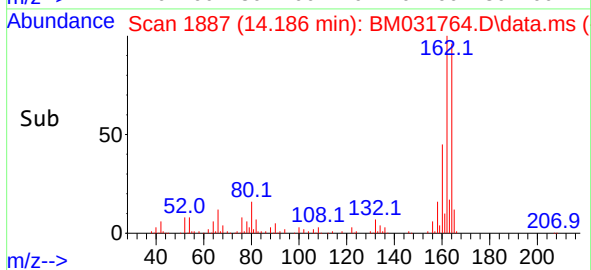
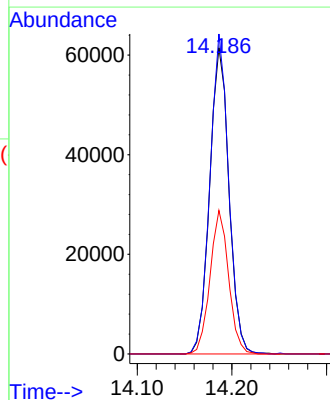
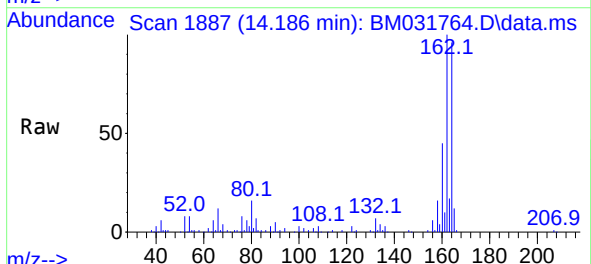
Instrument :
BNA_M
ClientSampled :
26N

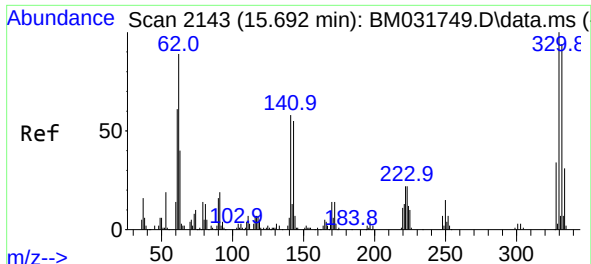
Tgt Ion: 82 Resp: 326891
Ion Ratio Lower Upper
82 100
128 36.6 31.1 46.7
54 58.8 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

Tgt Ion:164 Resp: 87220
Ion Ratio Lower Upper
164 100
162 104.5 83.4 125.0
160 46.9 37.2 55.8

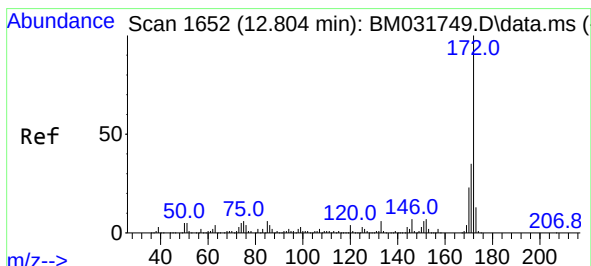
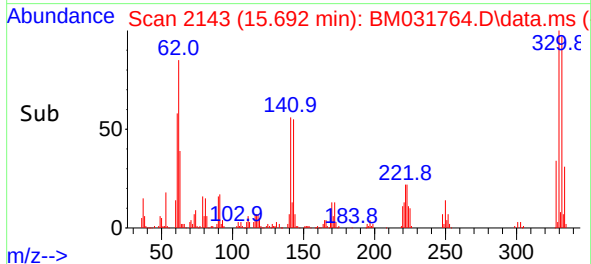
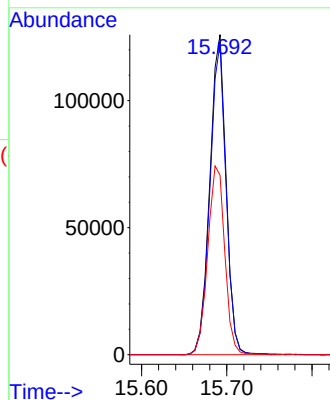
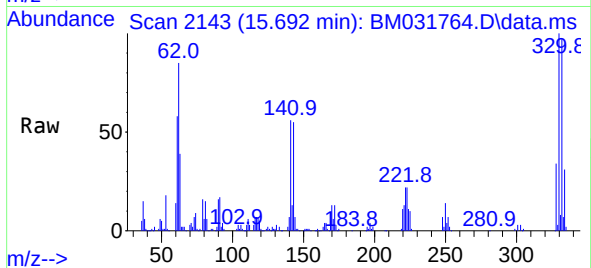




#42
2,4,6-Tribromophenol
Concen: 156.190 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

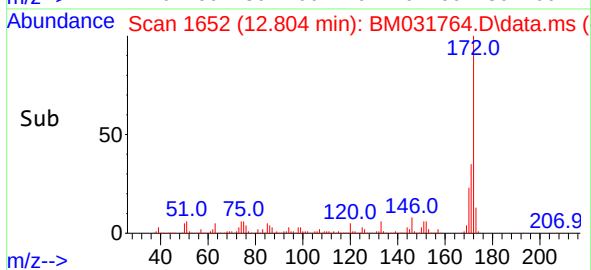
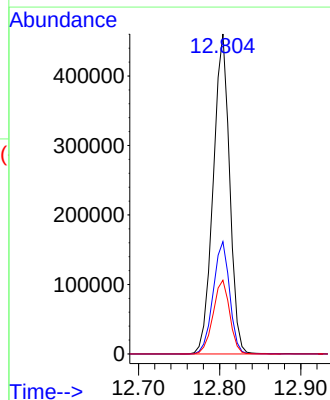
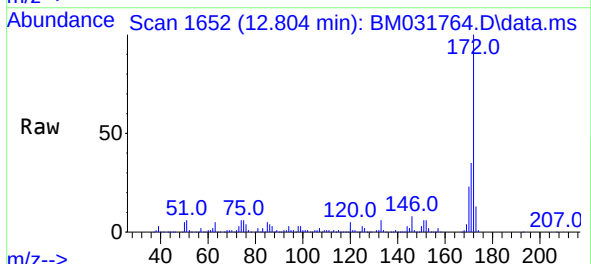
Instrument :
BNA_M
ClientSampled :
26N

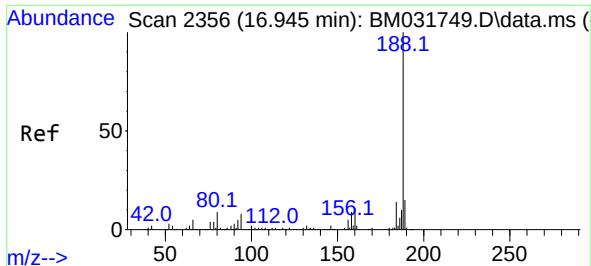
Tgt Ion:330 Resp: 167784
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 61.7 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 98.467 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

Tgt Ion:172 Resp: 645244
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.0 18.4 27.6

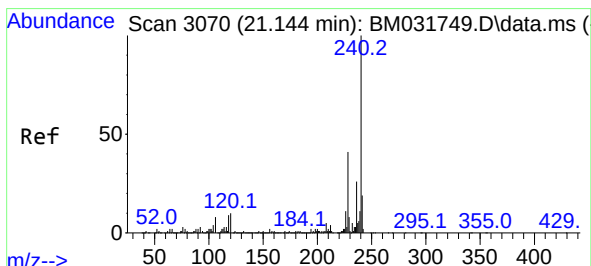
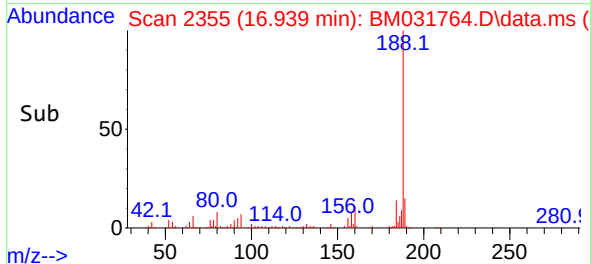
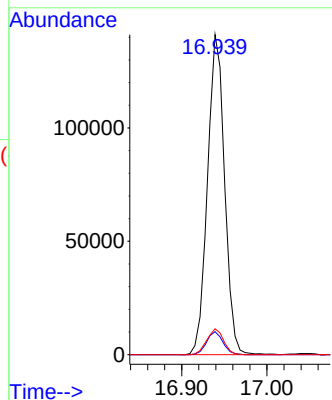
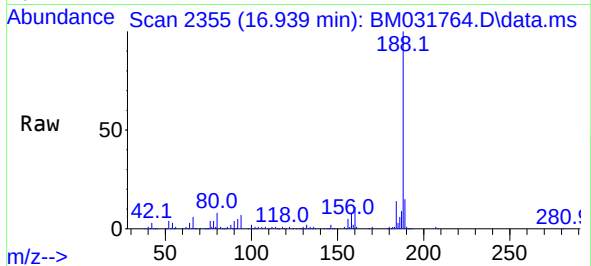




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

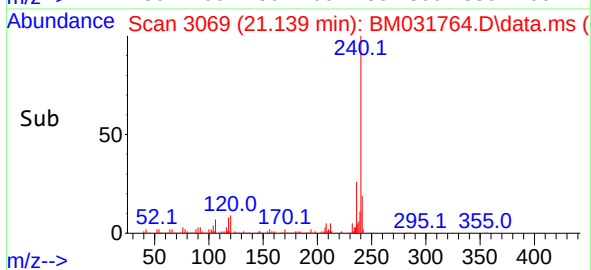
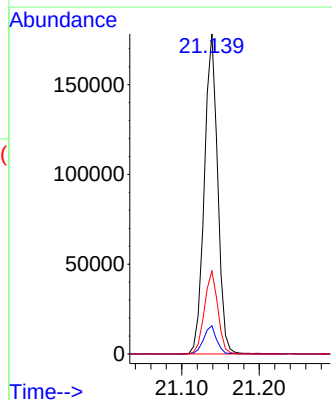
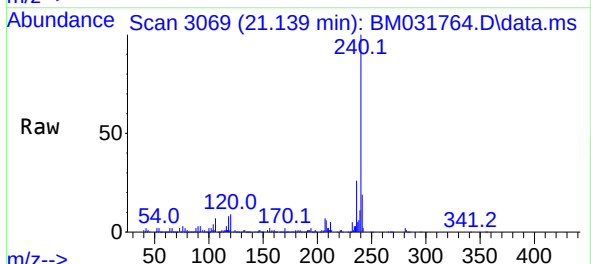
Instrument :
BNA_M
ClientSampled :
26N

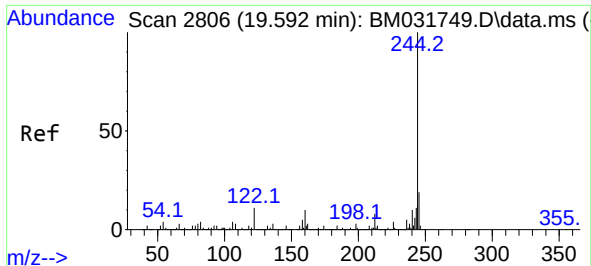
Tgt Ion:188 Resp: 196732
Ion Ratio Lower Upper
188 100
94 7.2 6.0 9.0
80 8.1 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031764.D
Acq: 16 Aug 2021 23:21

Tgt Ion:240 Resp: 212405
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.9 21.0 31.4



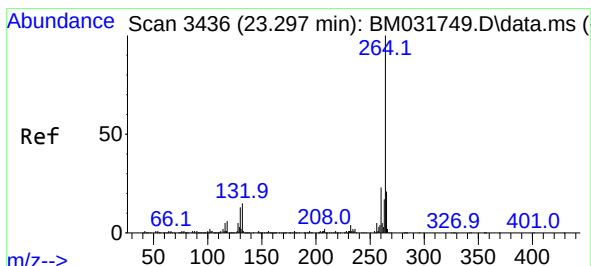
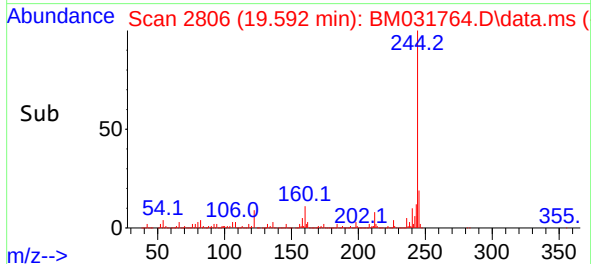
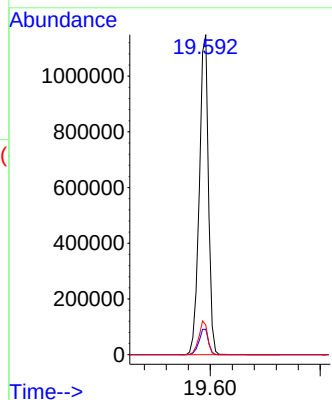
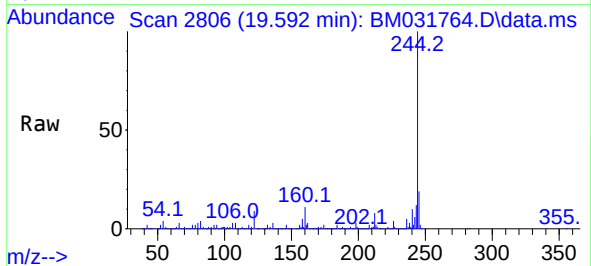


#79
 Terphenyl-d14
 Concen: 105.044 ng
 RT: 19.592 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BM031764.D
 Acq: 16 Aug 2021 23:21

Instrument :
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 ClientSampled :
 26N

Tgt Ion:244 Resp: 1324251

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	9.3	6.9	10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.286 min Scan# 3434
 Delta R.T. -0.012 min
 Lab File: BM031764.D
 Acq: 16 Aug 2021 23:21

Tgt Ion:264 Resp: 215304

Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.8	29.8
265	20.8	17.7	26.5

