

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031762.D
 Acq On : 16 Aug 2021 22:07
 Operator : CG/JU
 Sample : M3407-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 28N

Quant Time: Aug 17 03:10:23 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	32947	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	132631	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	87896	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	196141	20.000	ng	0.00
76) Chrysene-d12	21.139	240	212376	20.000	ng	0.00
86) Perylene-d12	23.291	264	207460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	282879	137.803	ng	0.00
7) Phenol-d6	6.745	99	307211	103.281	ng	0.00
23) Nitrobenzene-d5	8.704	82	308751	97.472	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	153286	141.596	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	621021	94.041	ng	0.00
79) Terphenyl-d14	19.592	244	1286213	102.041	ng	0.00

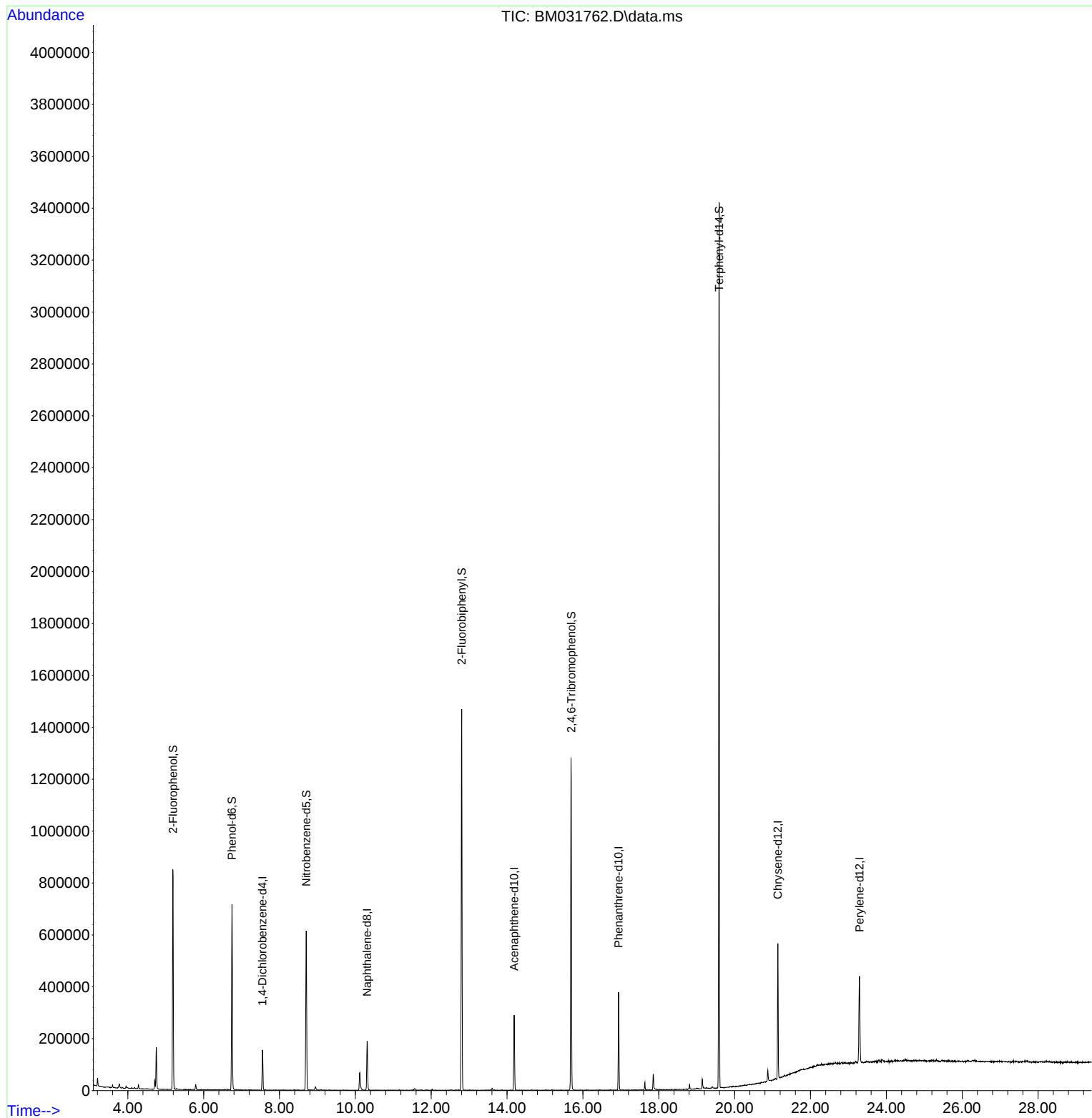
Target Compounds	Qvalue

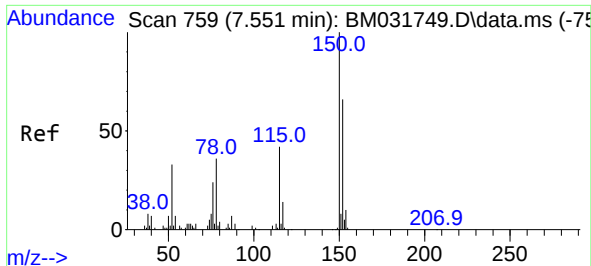
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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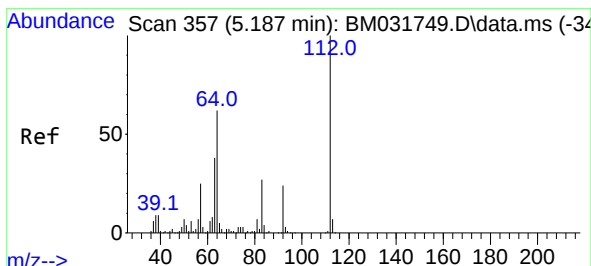
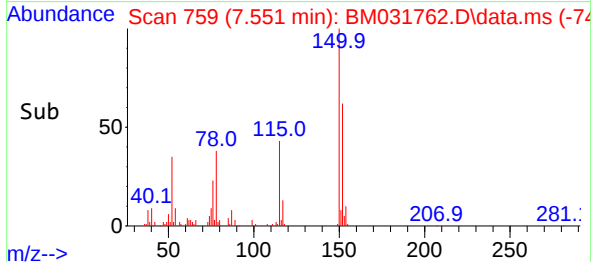
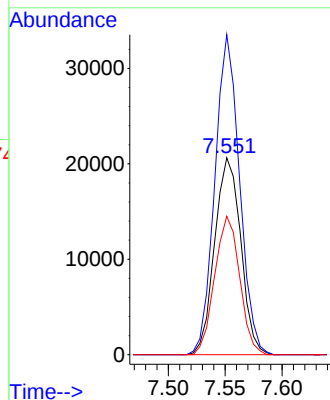
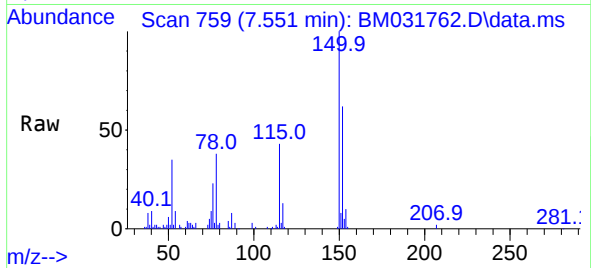




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

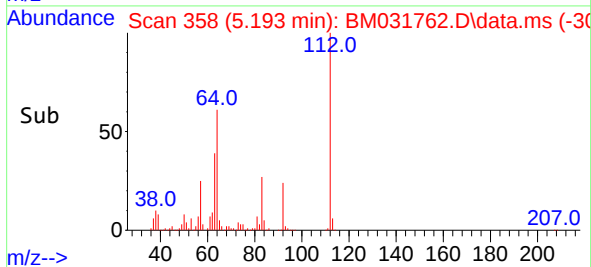
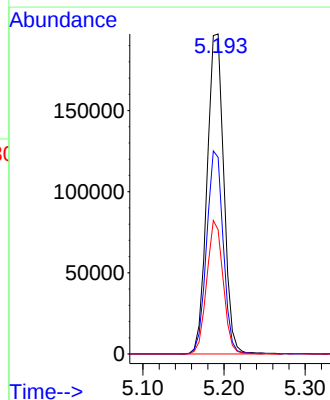
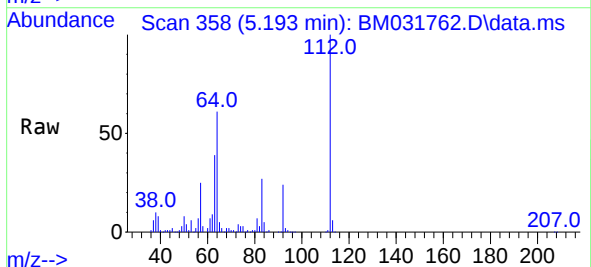
Instrument :
BNA_M
ClientSampleId :
28N

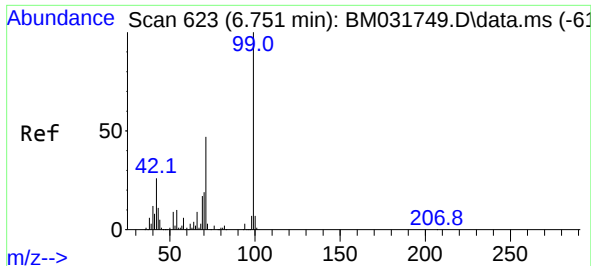
Tgt Ion:152 Resp: 32947
Ion Ratio Lower Upper
152 100
150 162.4 125.9 188.9
115 70.3 44.6 67.0#



#5
2-Fluorophenol
Concen: 137.803 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

Tgt Ion:112 Resp: 282879
Ion Ratio Lower Upper
112 100
64 61.4 47.1 70.7
63 38.8 27.3 40.9

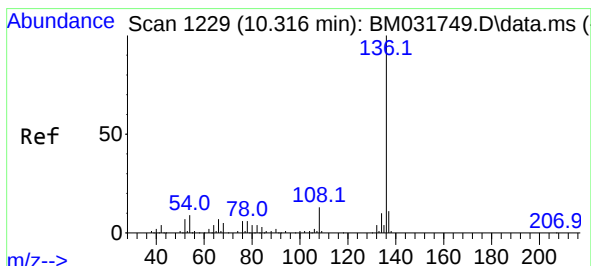
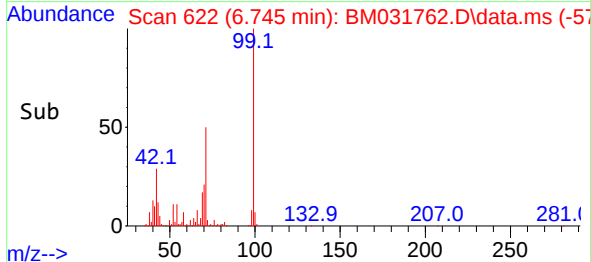
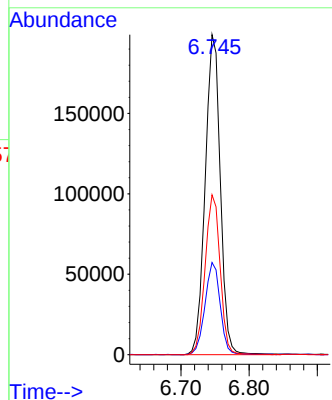
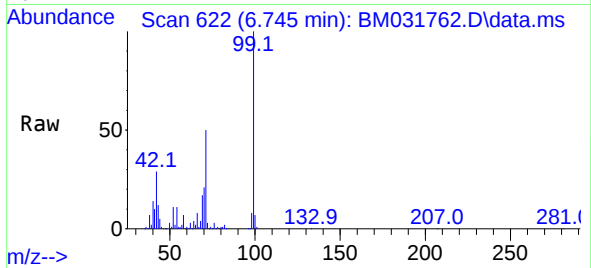




#7
Phenol-d6
Concen: 103.281 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

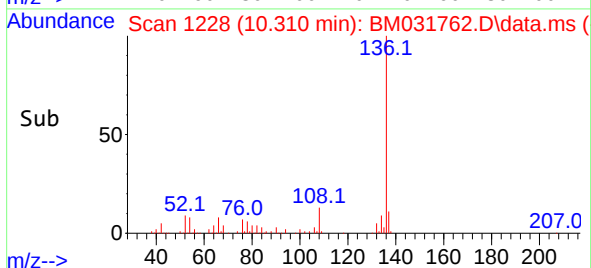
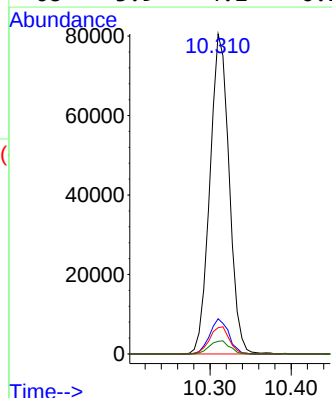
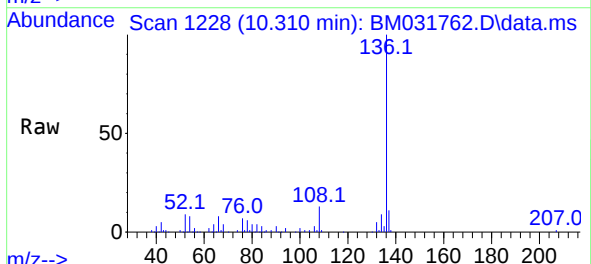
Instrument :
BNA_M
ClientSampleId :
28N

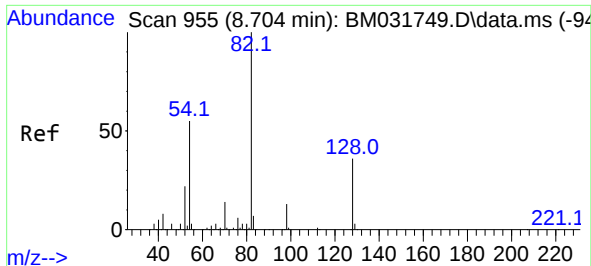
Tgt Ion: 99 Resp: 307211
Ion Ratio Lower Upper
99 100
42 28.8 18.0 27.0#
71 49.9 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

Tgt Ion: 136 Resp: 132631
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 5.5 8.3
68 3.9 4.2 6.2#

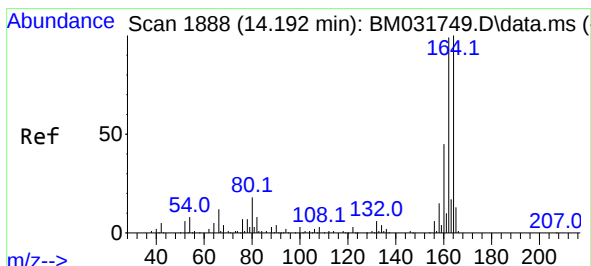
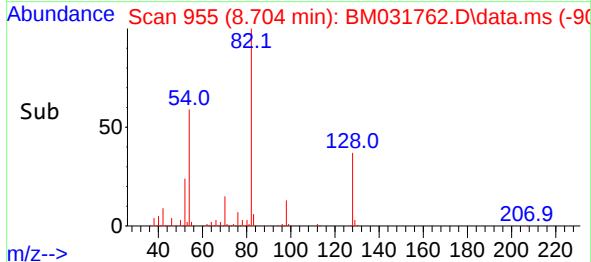
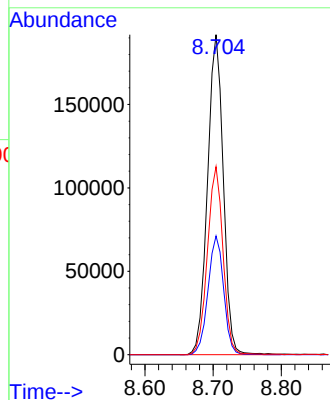
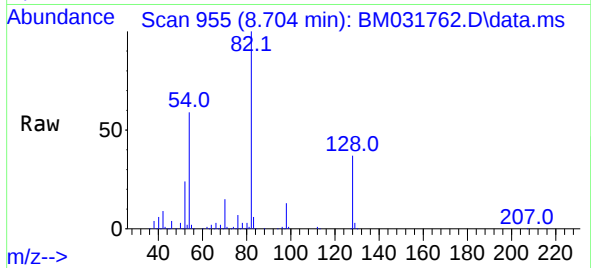




#23
Nitrobenzene-d5
Concen: 97.472 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

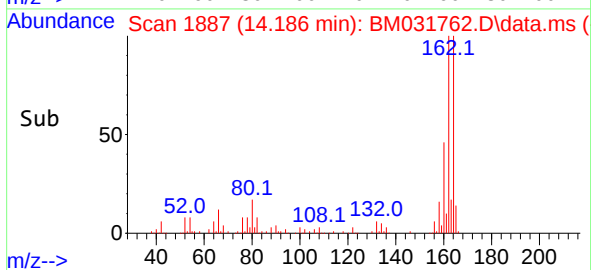
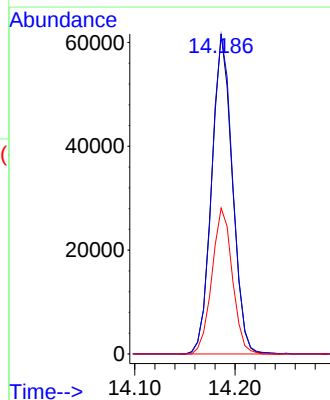
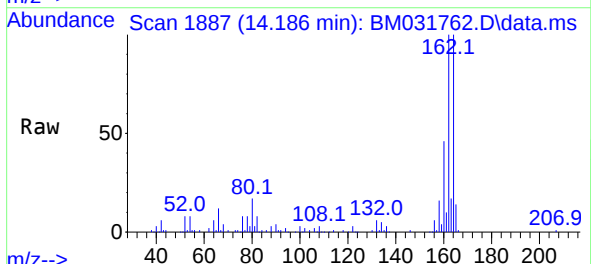
Instrument :
BNA_M
ClientSampleId :
28N

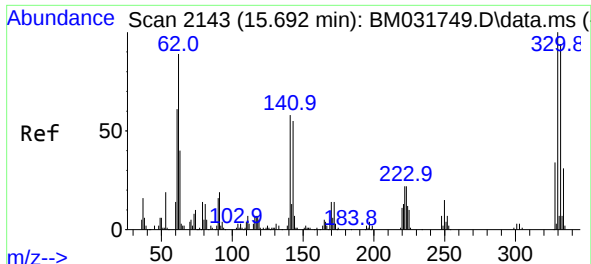
Tgt Ion: 82 Resp: 308751
Ion Ratio Lower Upper
82 100
128 37.1 31.1 46.7
54 58.7 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

Tgt Ion: 164 Resp: 87896
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 45.6 37.2 55.8

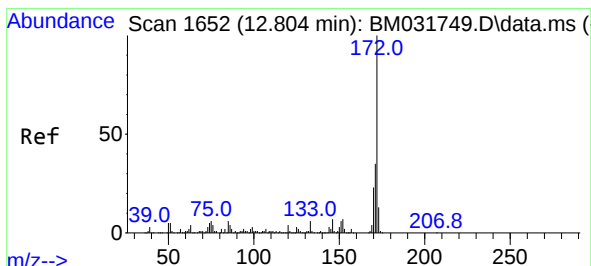
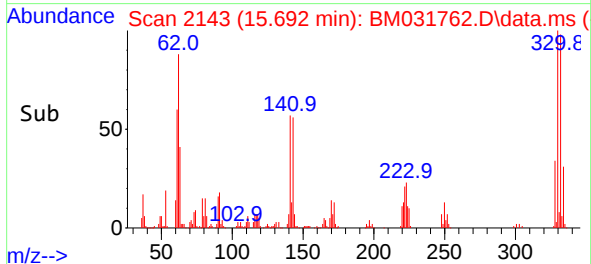
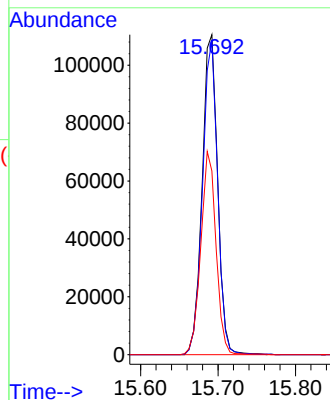
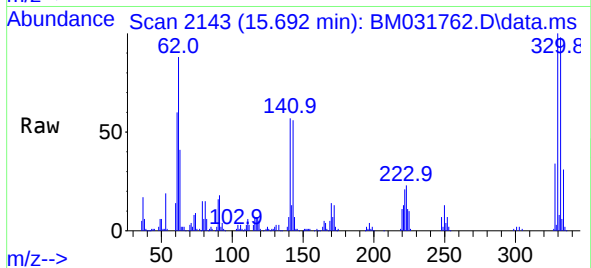




#42
2,4,6-Tribromophenol
Concen: 141.596 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

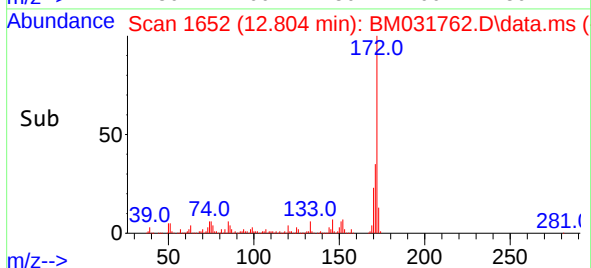
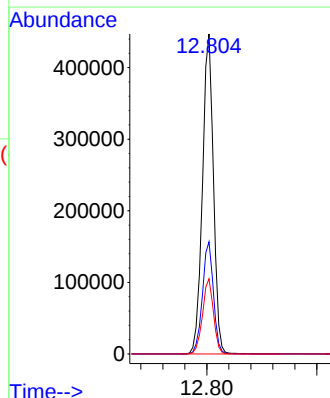
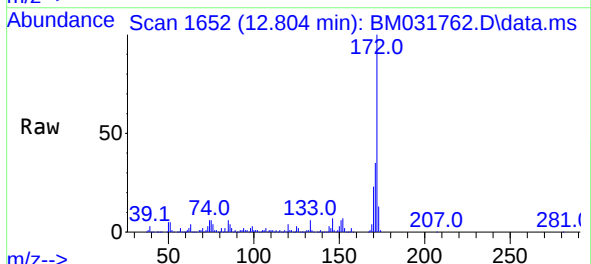
Instrument :
BNA_M
ClientSampleId :
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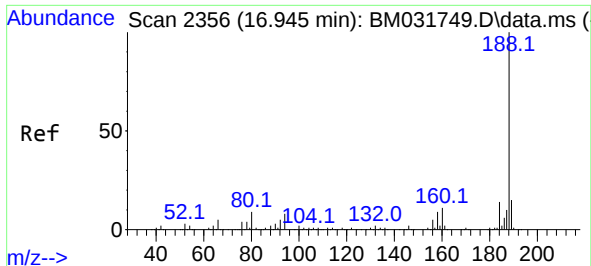
Tgt Ion:330 Resp: 153286
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 62.5 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 94.041 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

Tgt Ion:172 Resp: 621021
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.5 18.4 27.6

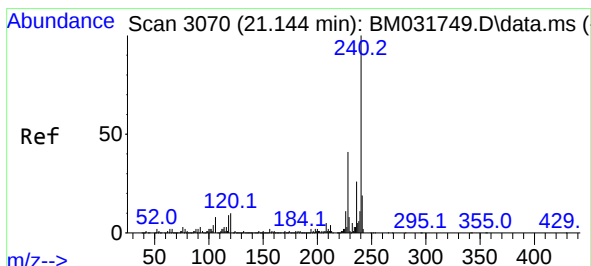
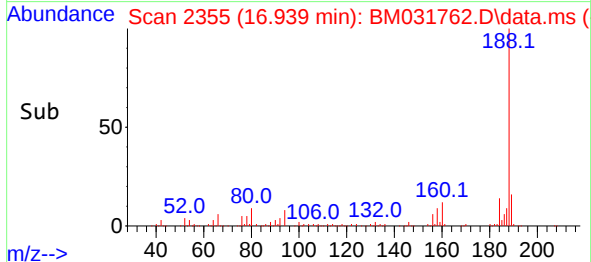
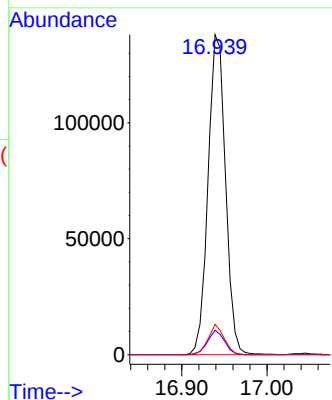
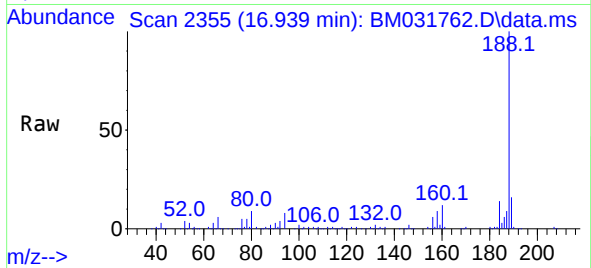




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031762.D
Acq: 16 Aug 2021 22:07

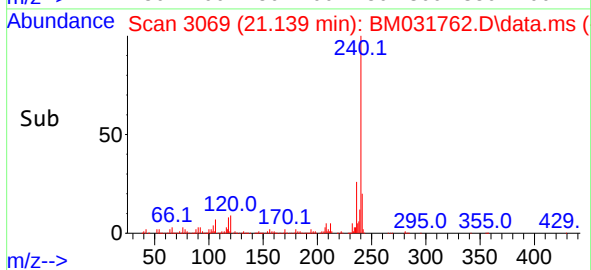
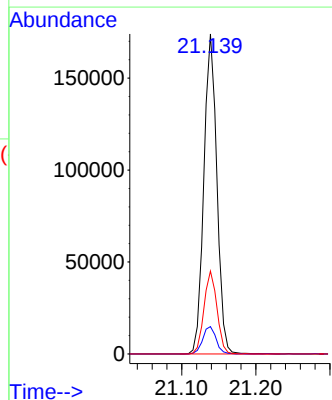
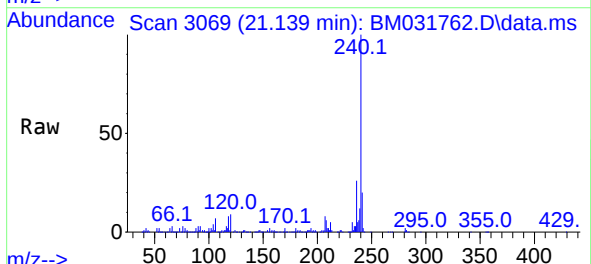
Instrument :
BNA_M
ClientSampled :
28N

Tgt Ion:188 Resp: 196141
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 9.5 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: BM031762.D
Acq: 16 Aug 2021 22:07

Tgt Ion:240 Resp: 212376
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 25.9 21.0 31.4



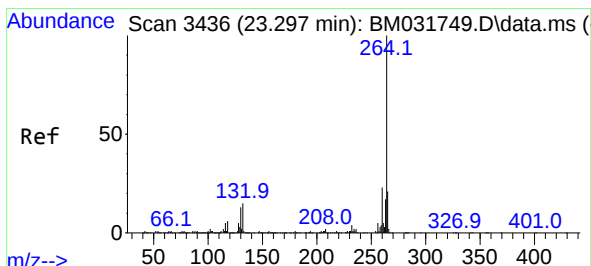
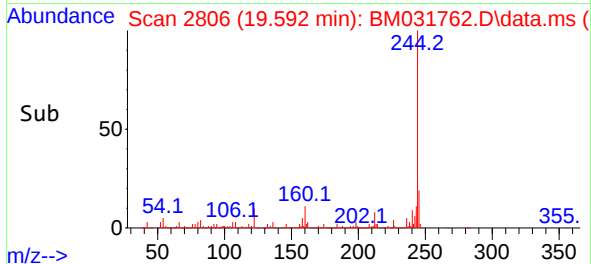
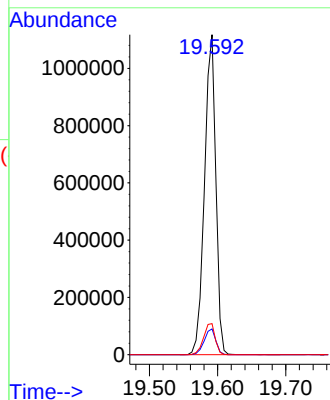
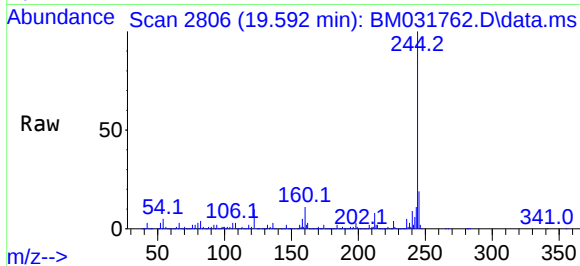


#79
 Terphenyl-d14
 Concen: 102.041 ng
 RT: 19.592 min Scan# 2806
 Delta R.T. 0.000 min
 Lab File: BM031762.D
 Acq: 16 Aug 2021 22:07

Instrument :
 BNA_M
 ClientSampled :
 28N

Tgt Ion:244 Resp: 1286213

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	9.7	6.9	10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.291 min Scan# 3435
 Delta R.T. -0.006 min
 Lab File: BM031762.D
 Acq: 16 Aug 2021 22:07

Tgt Ion:264 Resp: 207460

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.9	17.7	26.5

