

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031773.D
 Acq On : 17 Aug 2021 04:54
 Operator : CG/JU
 Sample : M3407-27
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 29N

Quant Time: Aug 17 07:28:57 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	48162	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	197723	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	125882	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	268681	20.000	ng	0.00
76) Chrysene-d12	21.133	240	257004	20.000	ng	-0.01
86) Perylene-d12	23.286	264	219809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	442634	147.508	ng	0.00
7) Phenol-d6	6.746	99	514943	118.428	ng	0.00
23) Nitrobenzene-d5	8.704	82	448403	94.957	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	224808	145.000	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	890886	94.198	ng	0.00
79) Terphenyl-d14	19.586	244	1552899	101.805	ng	0.00

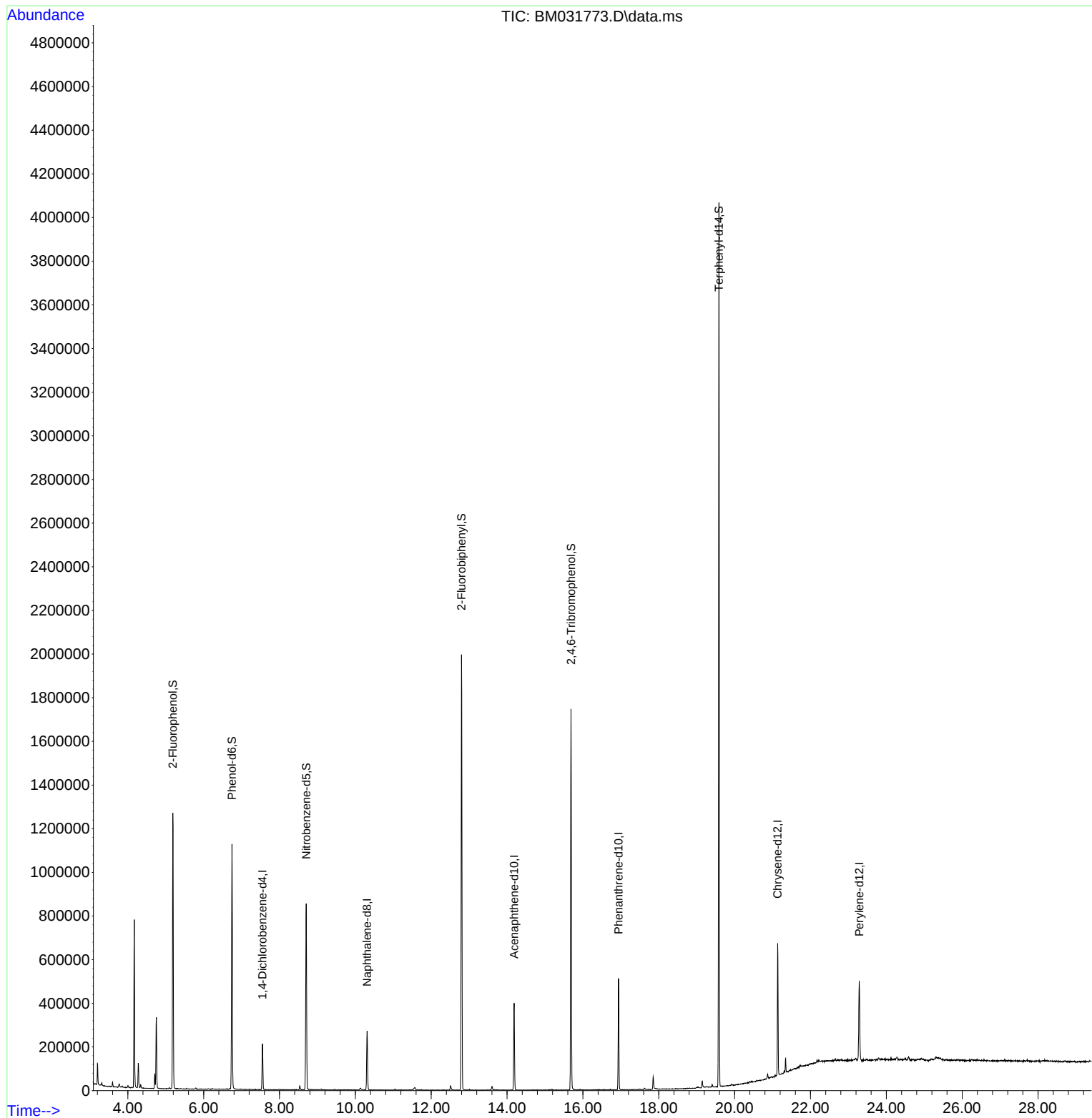
Target Compounds	Qvalue

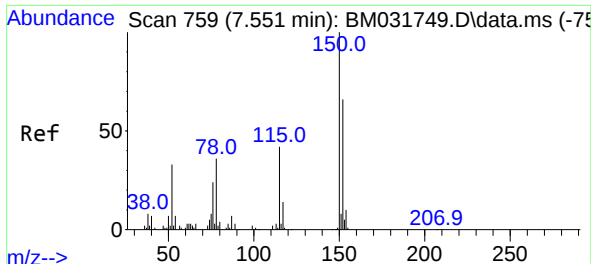
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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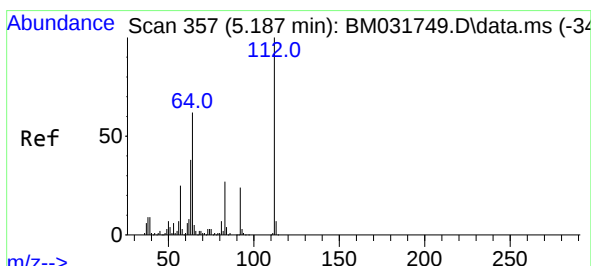
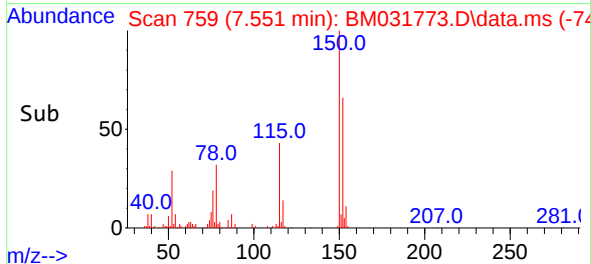
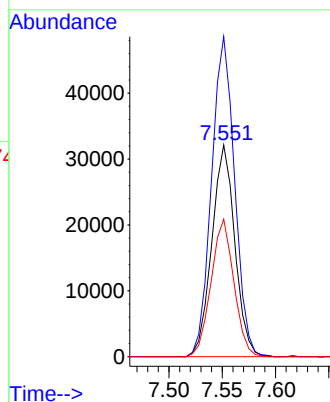
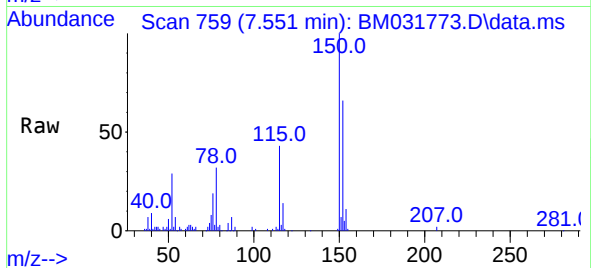




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

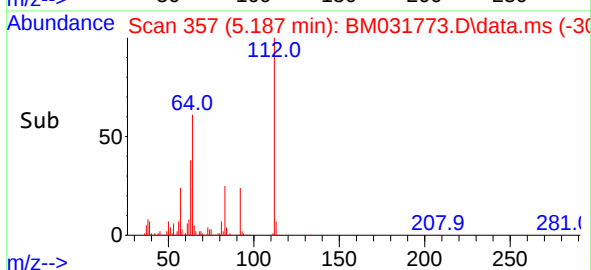
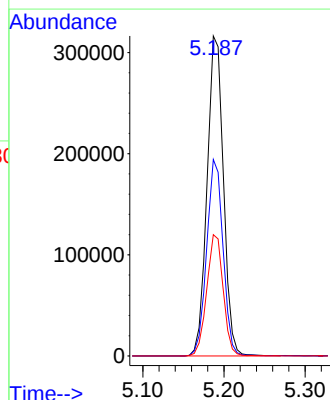
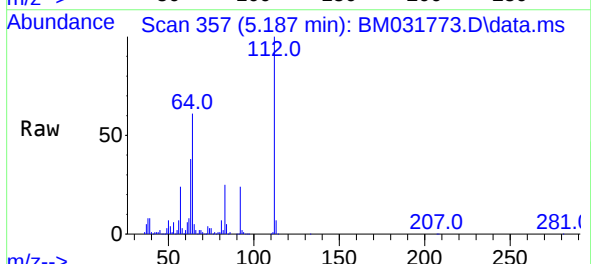
Instrument :
BNA_M
ClientSampleId :
29N

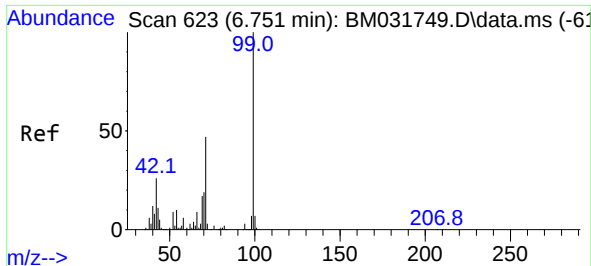
Tgt Ion:152 Resp: 48162
Ion Ratio Lower Upper
152 100
150 151.1 125.9 188.9
115 64.9 44.6 67.0



#5
2-Fluorophenol
Concen: 147.508 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

Tgt Ion:112 Resp: 442634
Ion Ratio Lower Upper
112 100
64 61.4 47.1 70.7
63 37.9 27.3 40.9

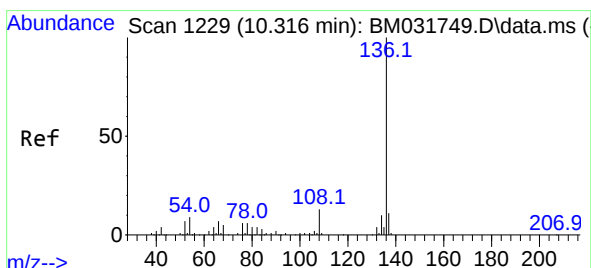
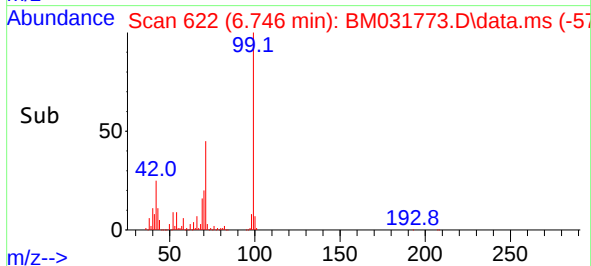
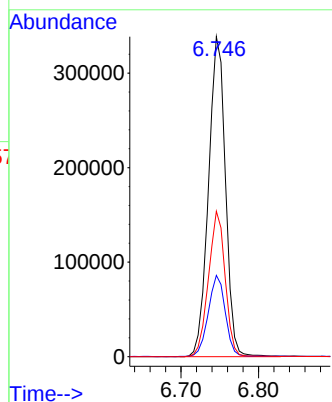
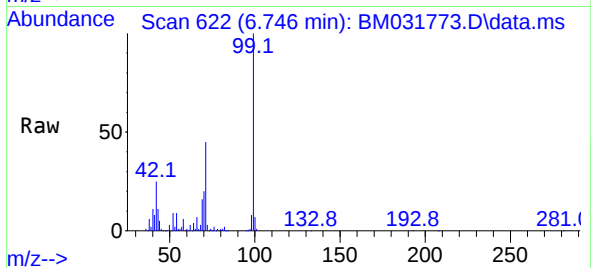




#7
Phenol-d6
Concen: 118.428 ng
RT: 6.746 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

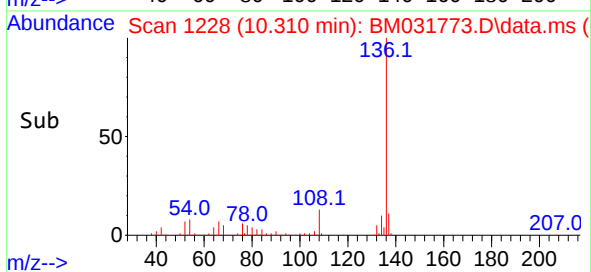
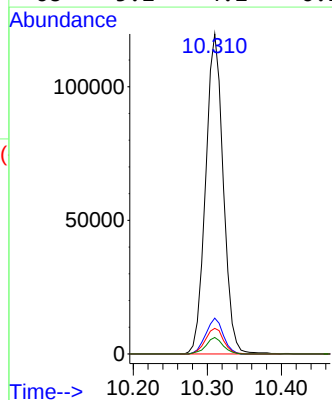
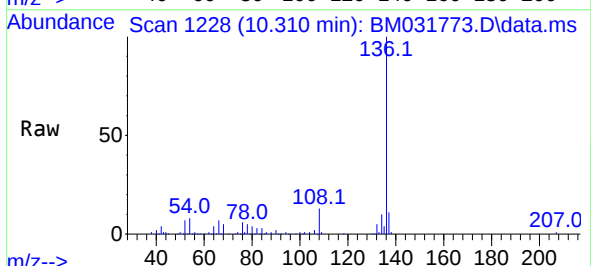
Instrument :
BNA_M
ClientSampleId :
29N

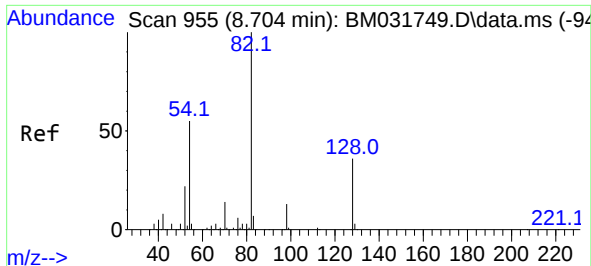
Tgt Ion: 99 Resp: 514943
Ion Ratio Lower Upper
99 100
42 25.4 18.0 27.0
71 45.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

Tgt Ion: 136 Resp: 197723
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.0 5.5 8.3
68 5.2 4.2 6.2

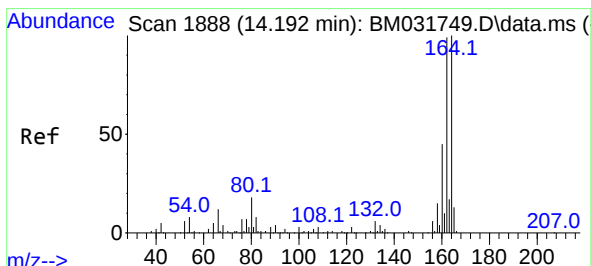
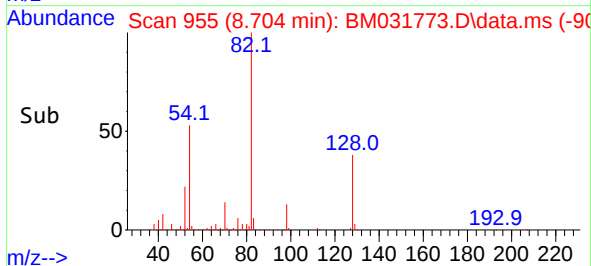
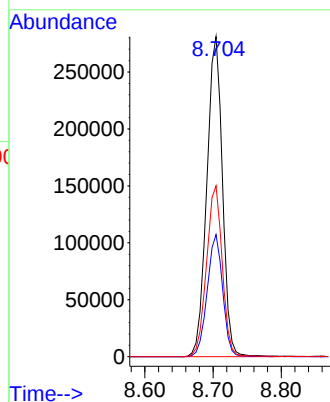
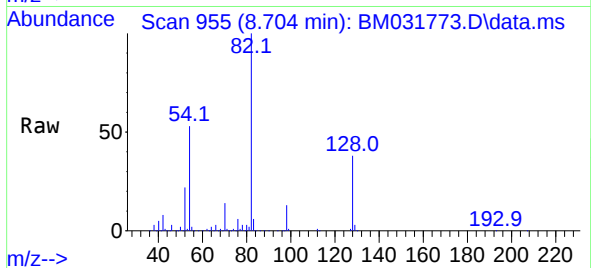




#23
Nitrobenzene-d5
Concen: 94.957 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

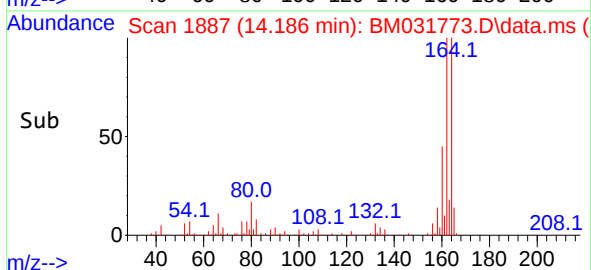
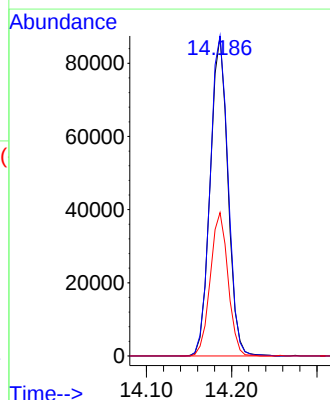
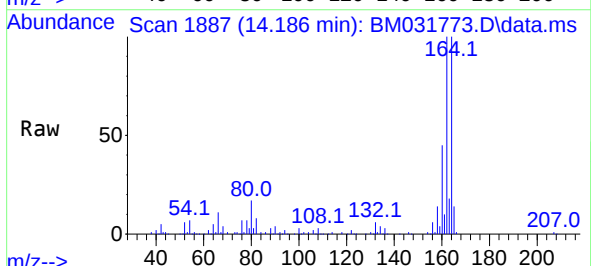
Instrument :
BNA_M
ClientSampleId :
29N

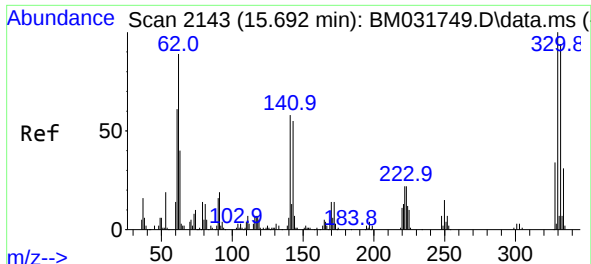
Tgt Ion: 82 Resp: 448403
Ion Ratio Lower Upper
82 100
128 38.2 31.1 46.7
54 53.4 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

Tgt Ion: 164 Resp: 125882
Ion Ratio Lower Upper
164 100
162 100.1 83.4 125.0
160 44.8 37.2 55.8

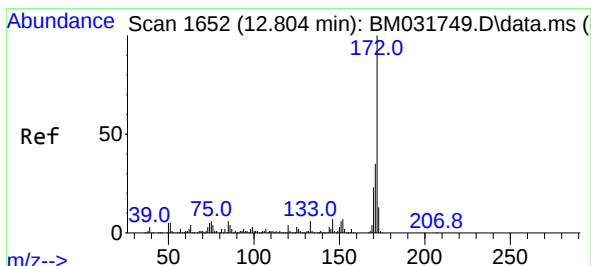
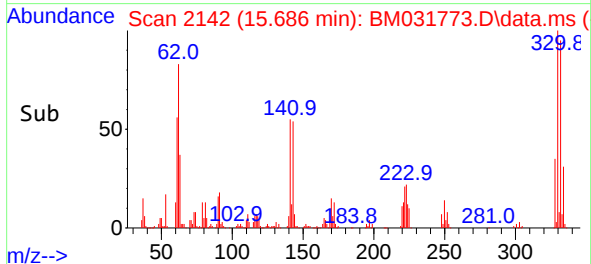
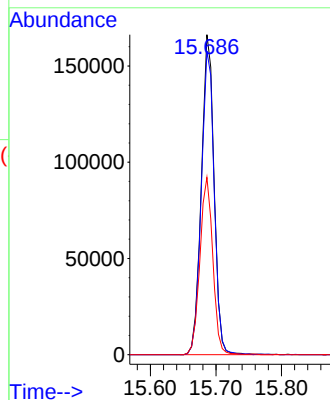
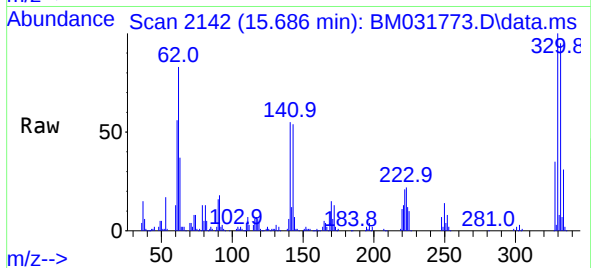




#42
2,4,6-Tribromophenol
Concen: 145.000 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

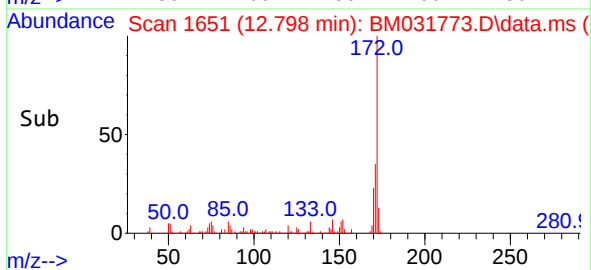
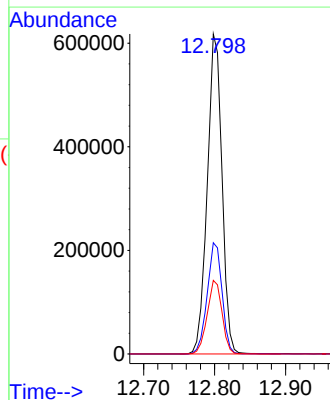
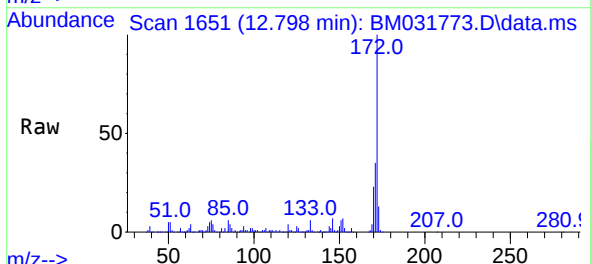
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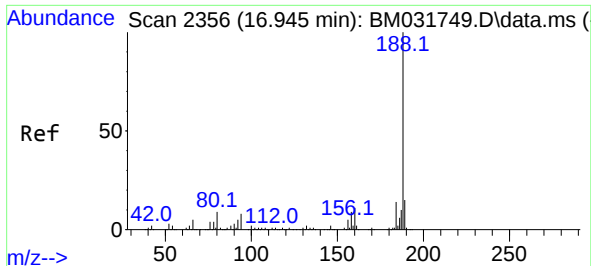
Tgt Ion:330 Resp: 224808
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 56.3 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 94.198 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

Tgt Ion:172 Resp: 890886
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.0 18.4 27.6

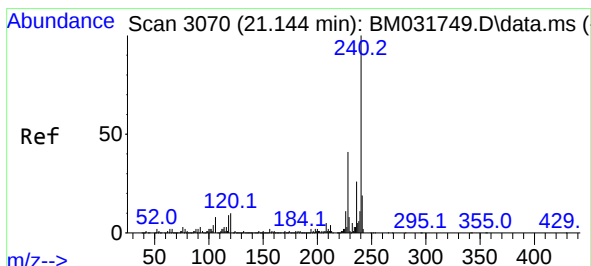
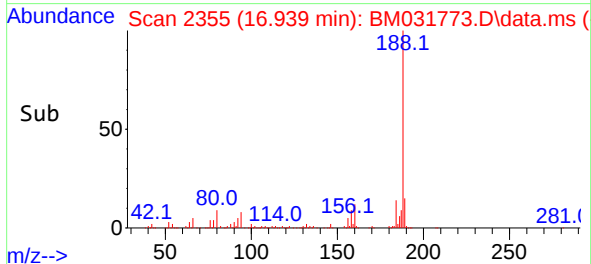
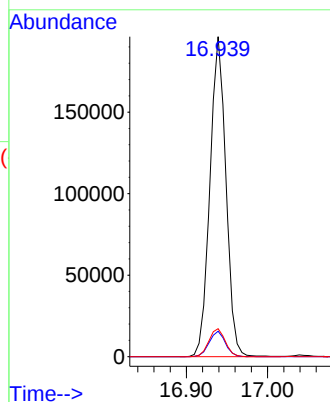
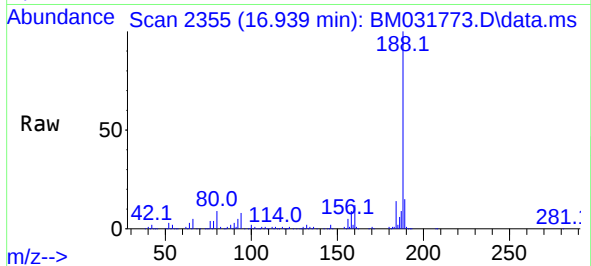




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

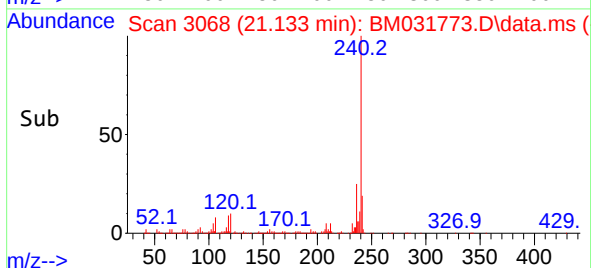
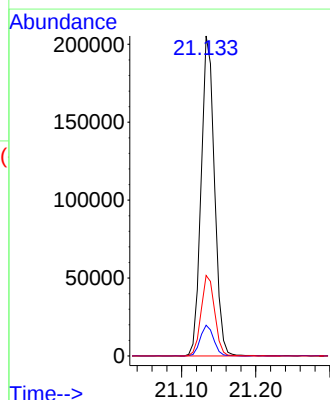
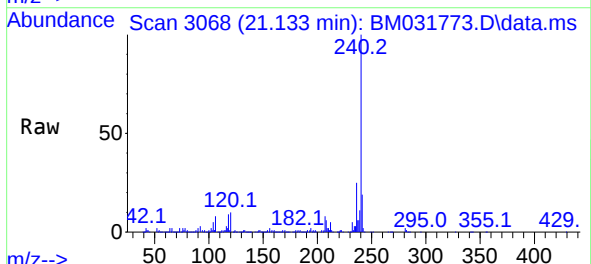
Instrument :
BNA_M
ClientSampleId :
29N

Tgt Ion:188 Resp: 268681
Ion Ratio Lower Upper
188 100
94 7.9 6.0 9.0
80 8.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BM031773.D
Acq: 17 Aug 2021 04:54

Tgt Ion:240 Resp: 257004
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.1 21.0 31.4

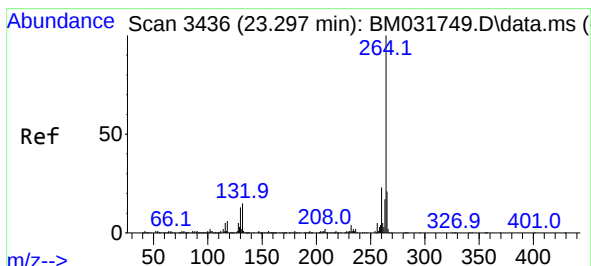
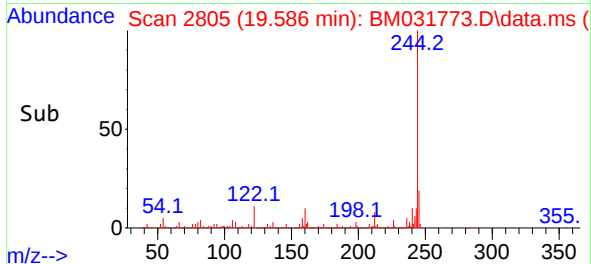
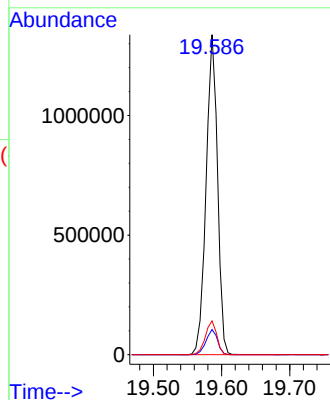
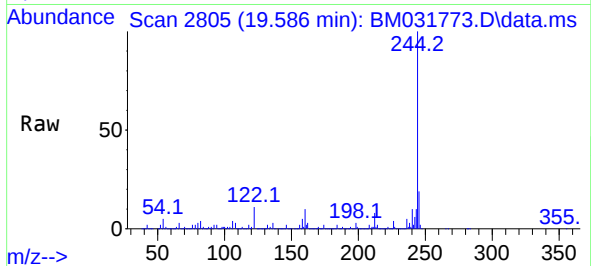




#79
 Terphenyl-d14
 Concen: 101.805 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031773.D
 Acq: 17 Aug 2021 04:54

Instrument :
 BNA_M
 ClientSampled :
 29N

Tgt Ion:244 Resp: 1552899
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.6 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: BM031773.D
 Acq: 17 Aug 2021 04:54

Tgt Ion:264 Resp: 219809
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.8
 265 22.0 17.7 26.5

