

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031766.D
 Acq On : 17 Aug 2021 00:35
 Operator : CG/JU
 Sample : M3408-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 31S

Quant Time: Aug 17 03:11:11 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	38477	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	152247	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	96007	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	193048	20.000	ng	0.00
76) Chrysene-d12	21.139	240	161286	20.000	ng	0.00
86) Perylene-d12	23.286	264	156534	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	373073	155.621	ng	0.00
7) Phenol-d6	6.752	99	420946	121.178	ng	0.00
23) Nitrobenzene-d5	8.704	82	365609	100.550	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	166269	140.614	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	700683	97.141	ng	0.00
79) Terphenyl-d14	19.586	244	1081722	113.002	ng	0.00

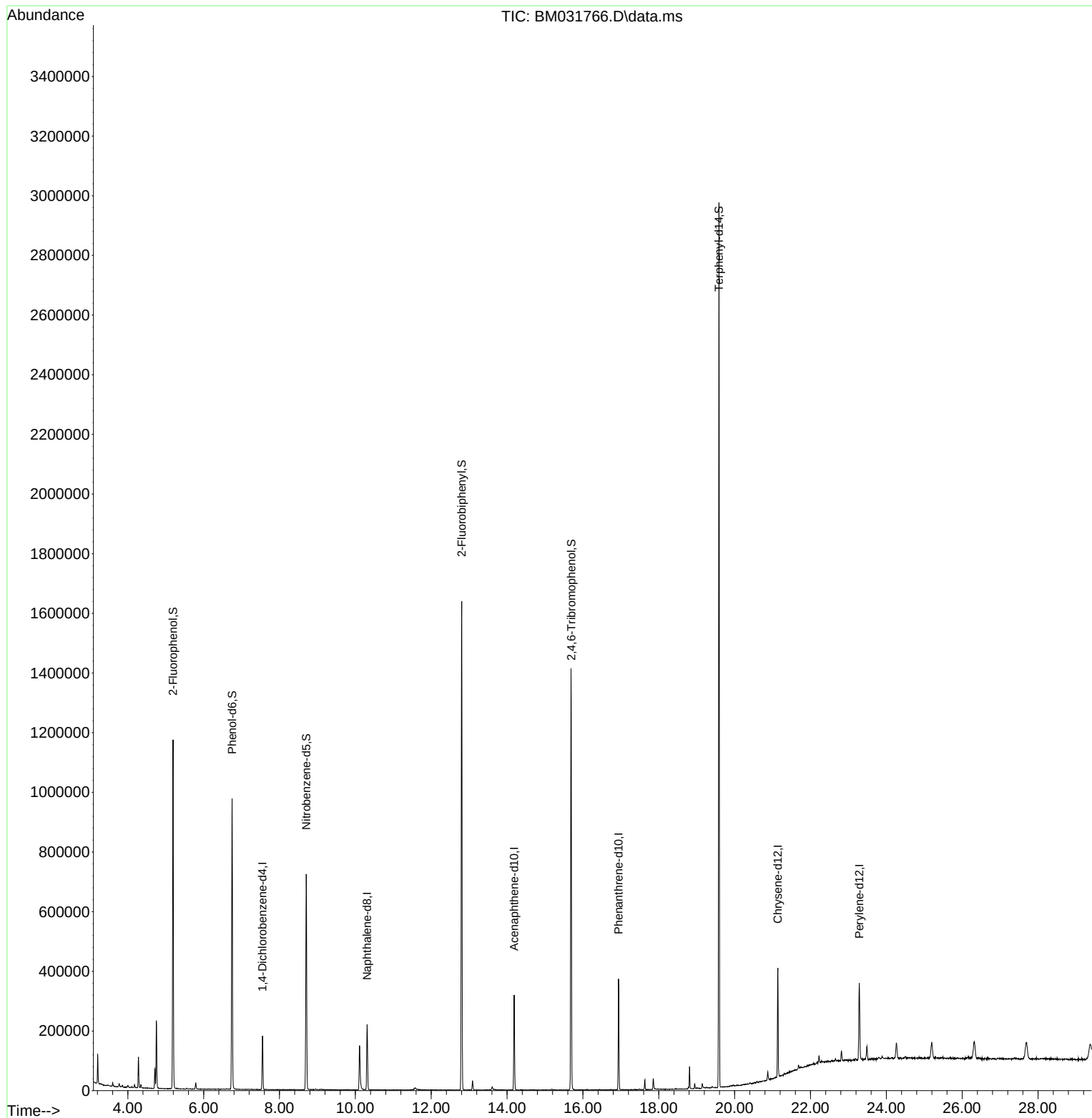
Target Compounds	Qvalue

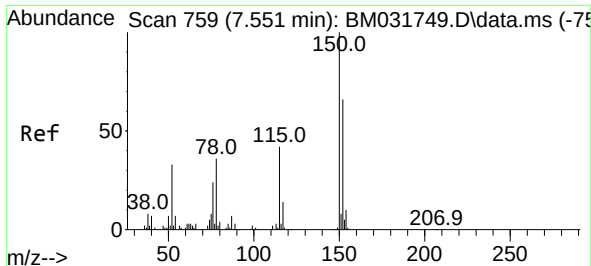
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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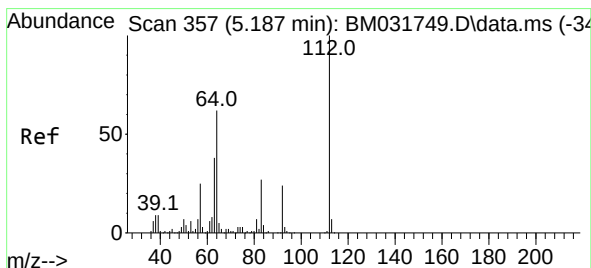
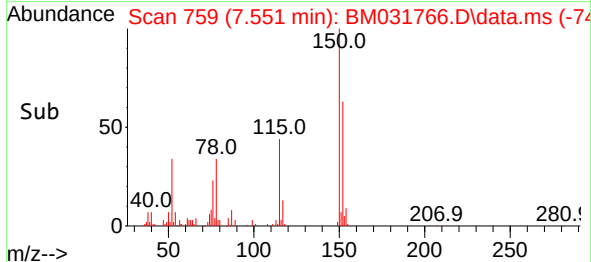
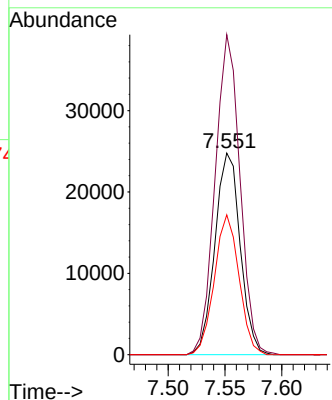
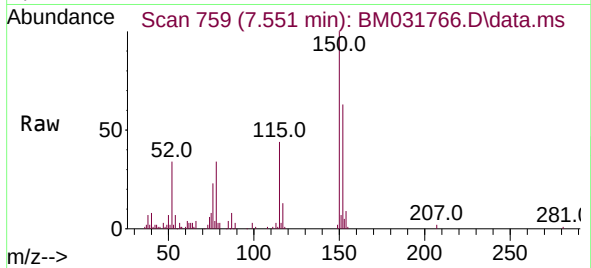




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

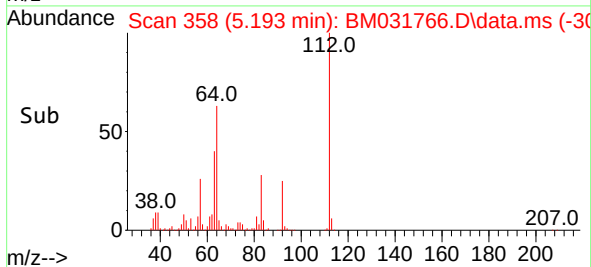
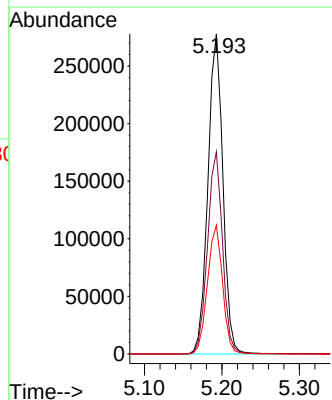
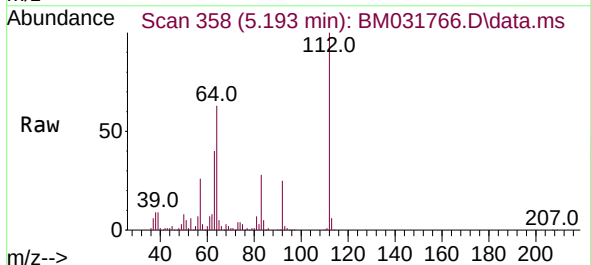
Instrument :
BNA_M
ClientSampled :
31S

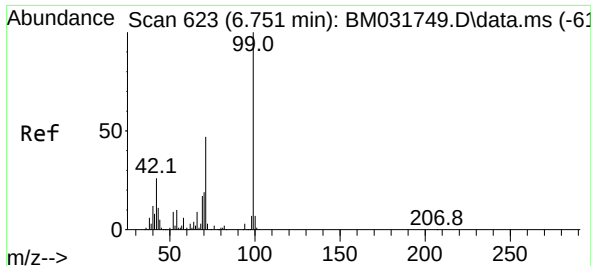
Tgt Ion:152 Resp: 38477
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 69.3 44.6 67.0#



#5
2-Fluorophenol
Concen: 155.621 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

Tgt Ion:112 Resp: 373073
Ion Ratio Lower Upper
112 100
64 63.2 47.1 70.7
63 40.3 27.3 40.9

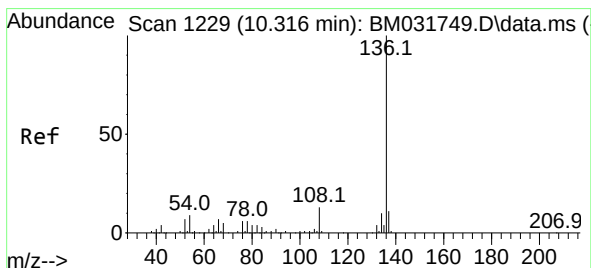
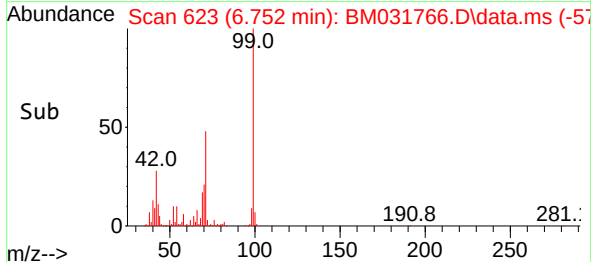
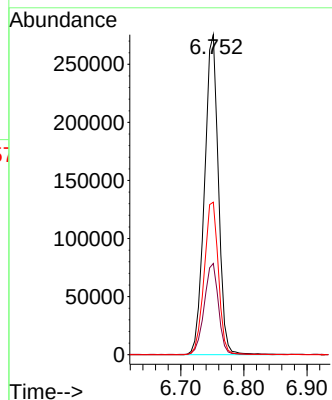
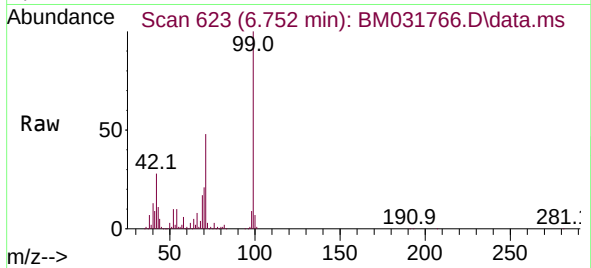




#7
Phenol-d6
Concen: 121.178 ng
RT: 6.752 min Scan# 623
Delta R.T. 0.000 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

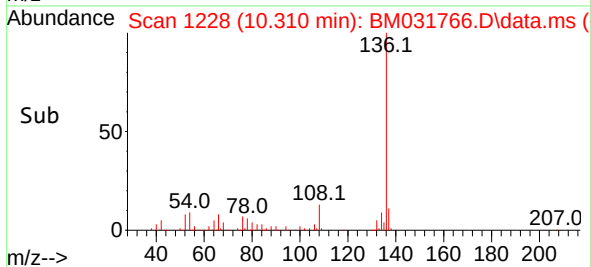
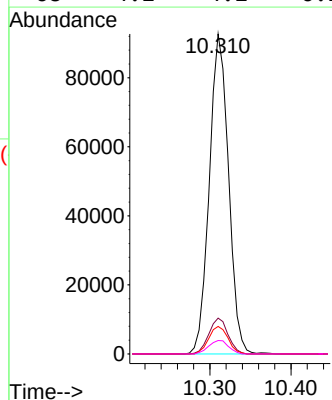
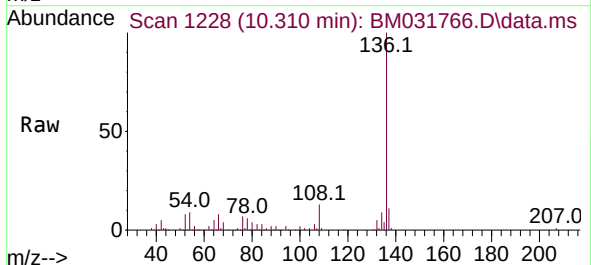
Instrument :
BNA_M
ClientSampled :
31S

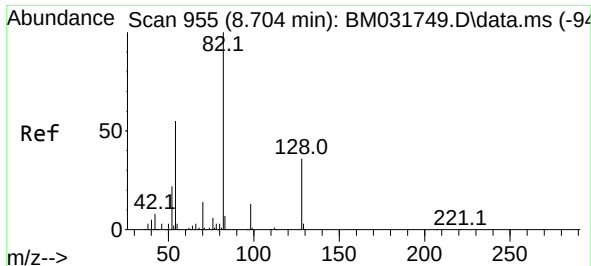
Tgt Ion: 99 Resp: 420946
Ion Ratio Lower Upper
99 100
42 28.5 18.0 27.0#
71 47.6 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

Tgt Ion: 136 Resp: 152247
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.6 5.5 8.3#
68 4.2 4.2 6.2

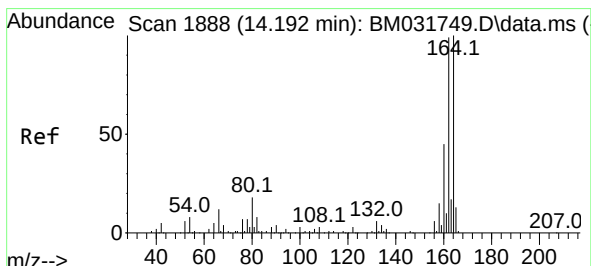
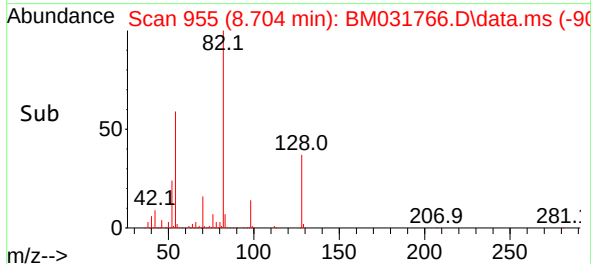
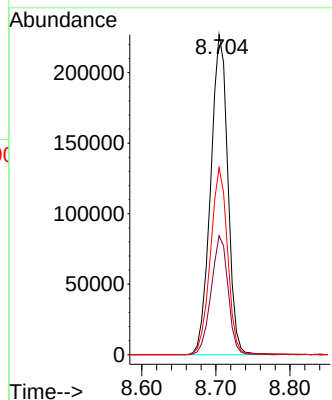
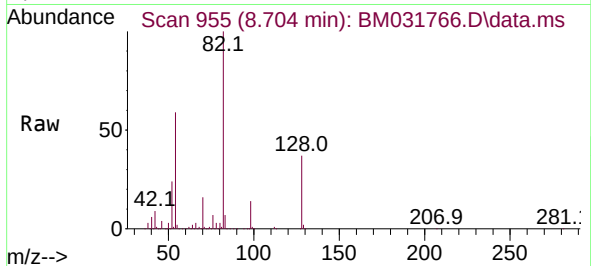




#23
Nitrobenzene-d5
Concen: 100.550 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

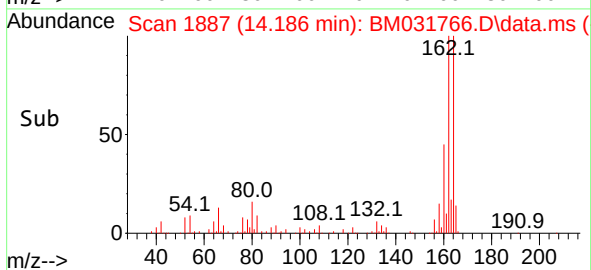
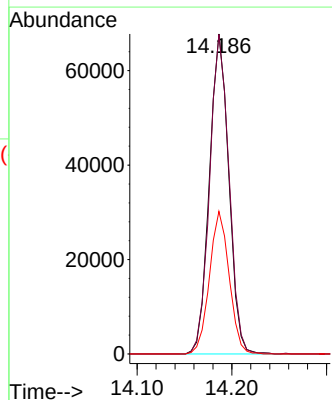
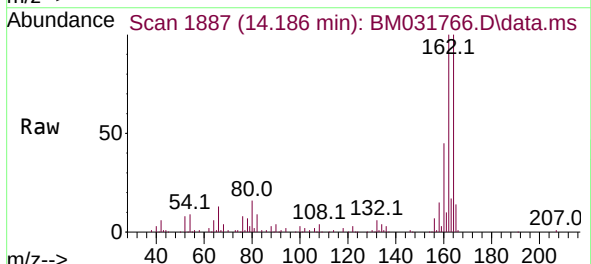
Instrument :
BNA_M
ClientSampled :
31S

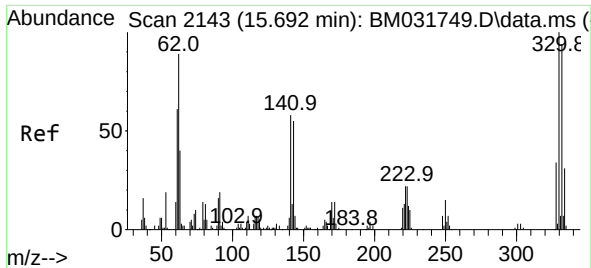
Tgt Ion: 82 Resp: 365609
Ion Ratio Lower Upper
82 100
128 37.2 31.1 46.7
54 58.5 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

Tgt Ion: 164 Resp: 96007
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.0
160 44.6 37.2 55.8

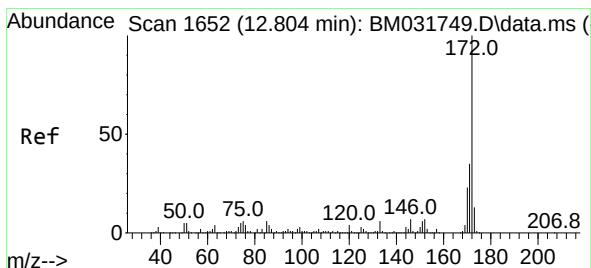
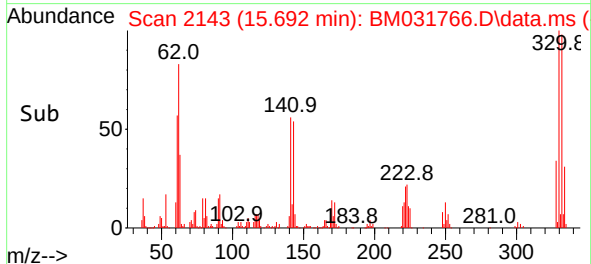
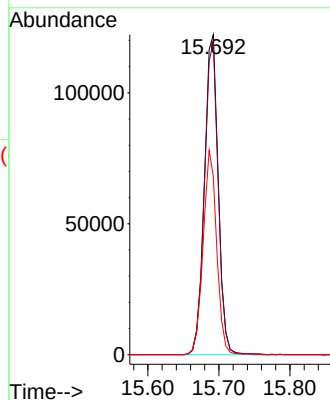
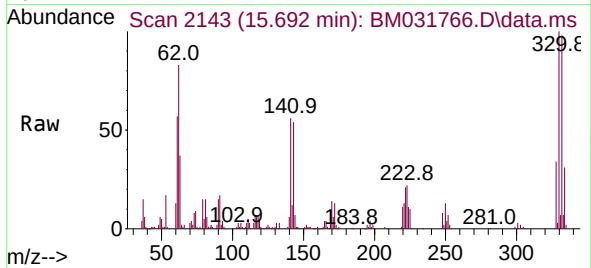




#42
2,4,6-Tribromophenol
Concen: 140.614 ng
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

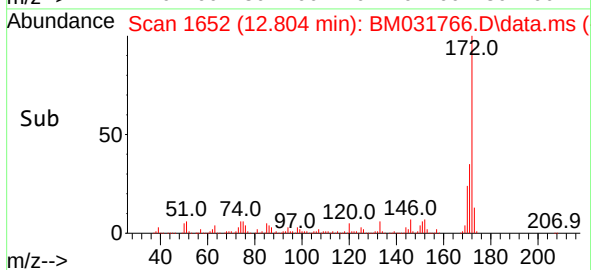
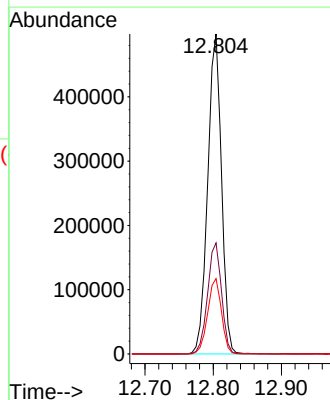
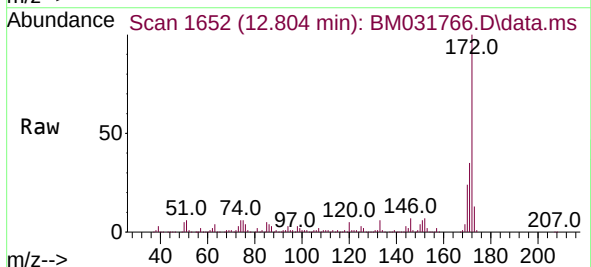
Instrument :
BNA_M
ClientSampled :
31S

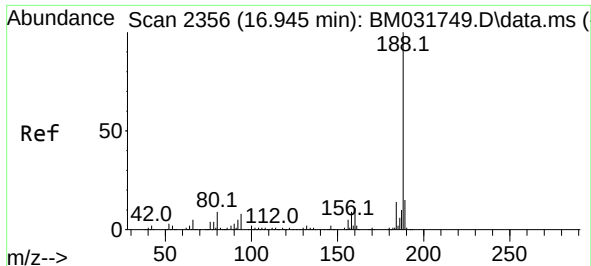
Tgt Ion:330 Resp: 166269
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 62.4 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 97.141 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

Tgt Ion:172 Resp: 700683
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.6 18.4 27.6

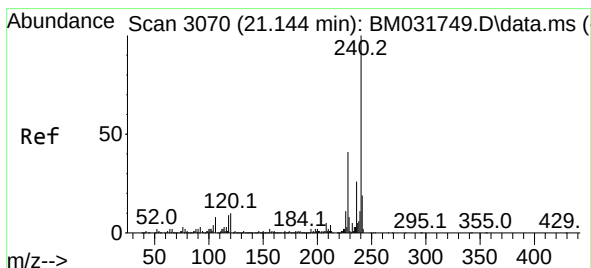
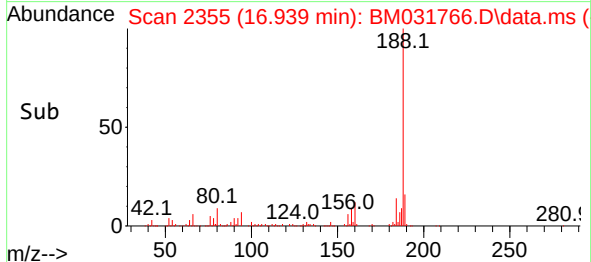
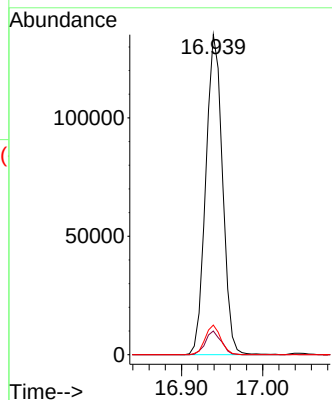
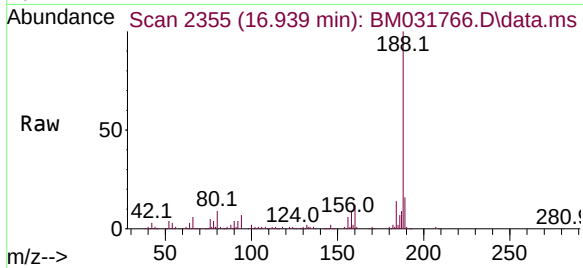




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

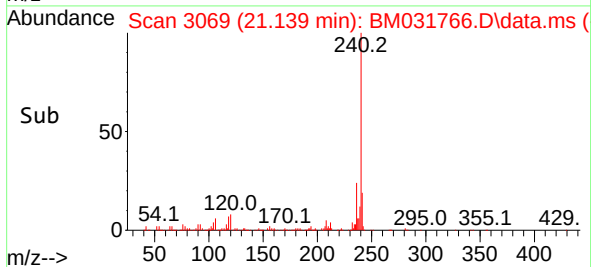
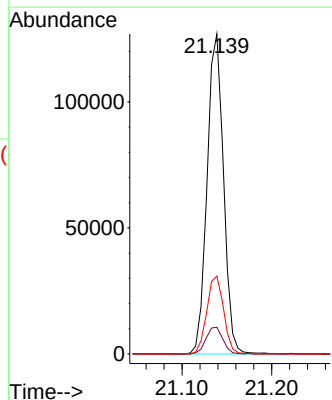
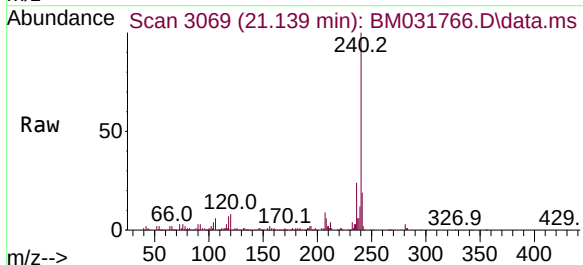
Instrument :
BNA_M
ClientSampled :
31S

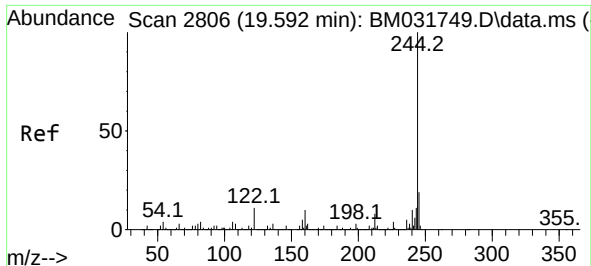
Tgt Ion:188	Resp:	193048
Ion Ratio	Lower	Upper
188	100	
94	7.4	6.0 9.0
80	9.2	6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.006 min
Lab File: BM031766.D
Acq: 17 Aug 2021 00:35

Tgt Ion:240	Resp:	161286
Ion Ratio	Lower	Upper
240	100	
120	8.3	7.0 10.6
236	24.4	21.0 31.4

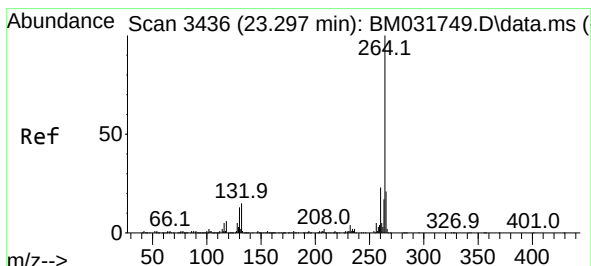
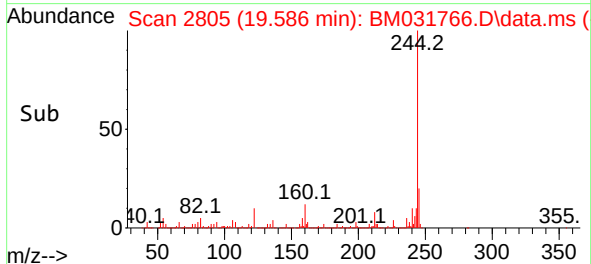
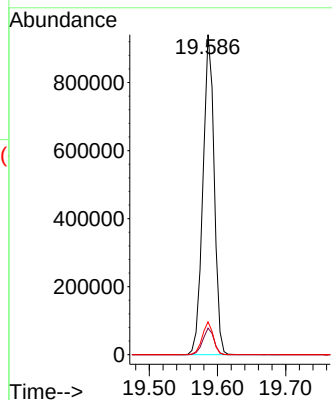
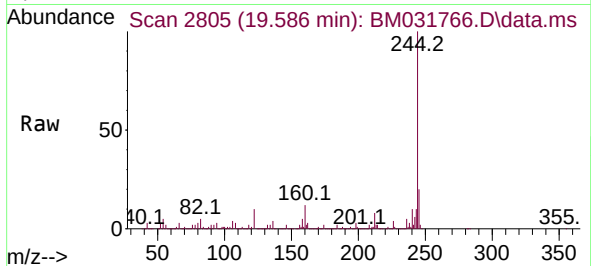




#79
 Terphenyl-d14
 Concen: 113.002 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031766.D
 Acq: 17 Aug 2021 00:35

Instrument :
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 ClientSampleId :
 31S

Tgt Ion:244 Resp: 1081722
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 10.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.286 min Scan# 3434
 Delta R.T. -0.011 min
 Lab File: BM031766.D
 Acq: 17 Aug 2021 00:35

Tgt Ion:264 Resp: 156534
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.8
 265 21.8 17.7 26.5

