

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031791.D
 Acq On : 17 Aug 2021 21:02
 Operator : CG/JU
 Sample : M3424-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 19S

Quant Time: Aug 18 02:25:28 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	7.546	152	27917	20.000	ng	0.00
21) Naphthalene-d8	10.304	136	114973	20.000	ng	#-0.01
39) Acenaphthene-d10	14.180	164	79537	20.000	ng	-0.01
64) Phenanthrene-d10	16.933	188	179863	20.000	ng	-0.01
76) Chrysene-d12	21.133	240	179983	20.000	ng	-0.01
86) Perylene-d12	23.286	264	165328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	2359	1.356	ng	0.00
7) Phenol-d6	6.740	99	19548	7.756	ng	-0.01
23) Nitrobenzene-d5	8.698	82	133483	48.612	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	35464	36.202	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	279267	46.734	ng	0.00
79) Terphenyl-d14	19.580	244	567786	53.152	ng	-0.01

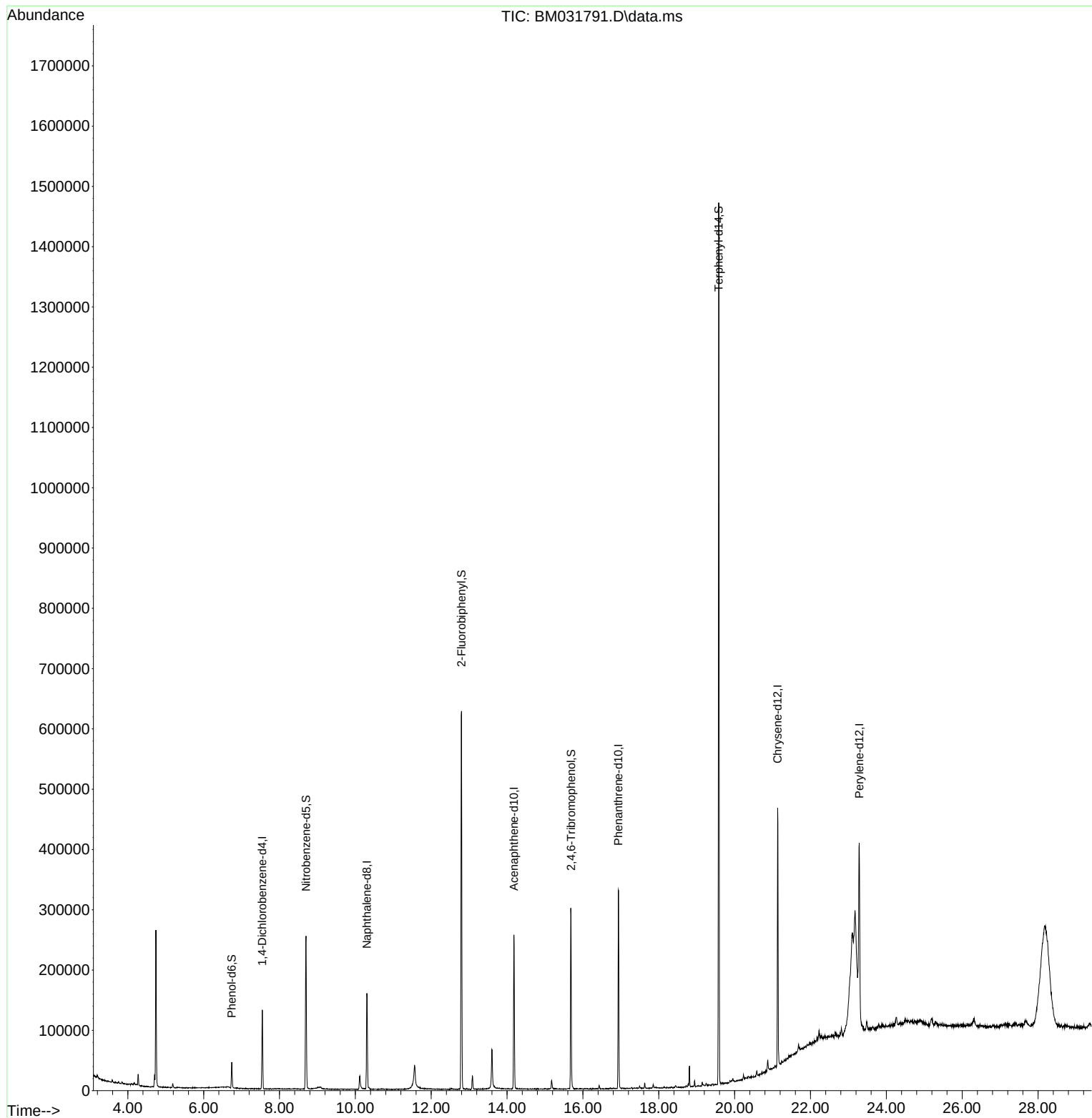
Target Compounds	Qvalue

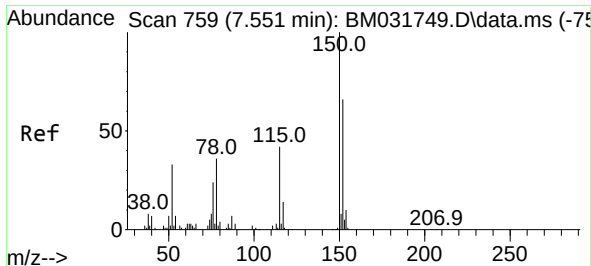
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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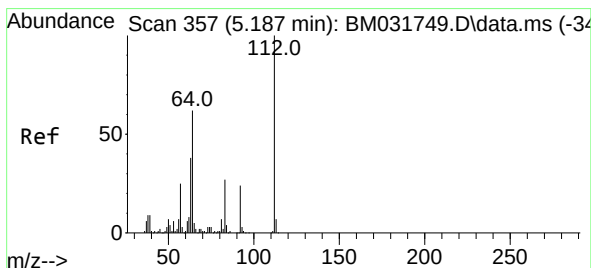
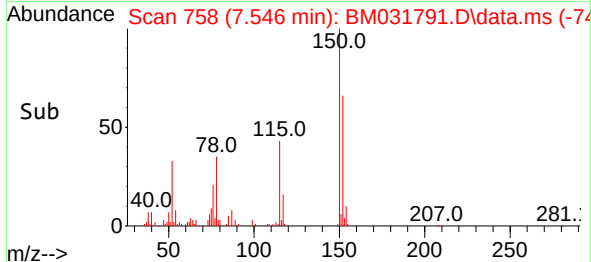
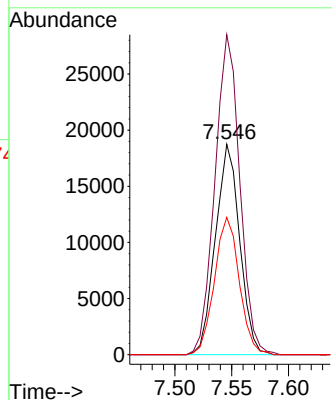
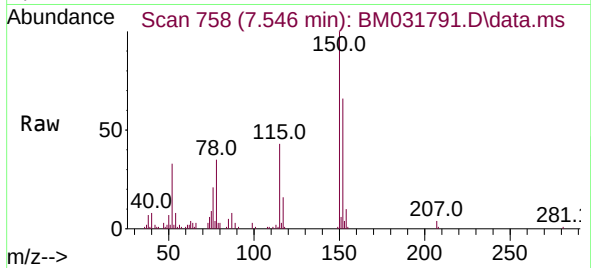




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.005 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

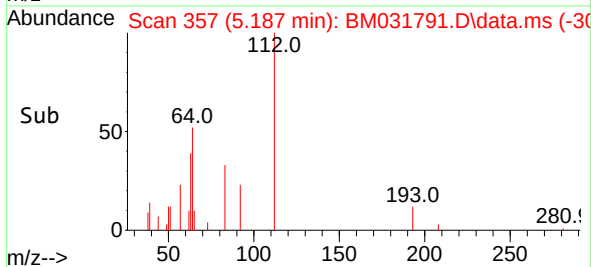
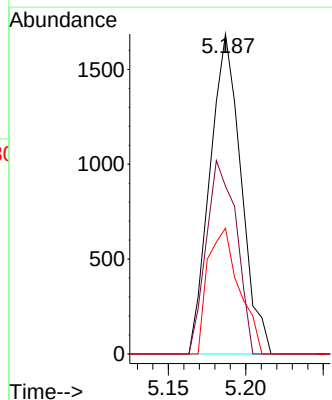
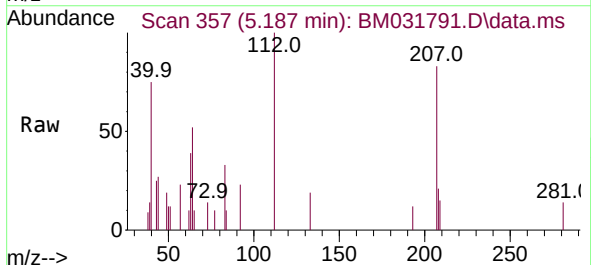
Instrument :
BNA_M
ClientSampleId :
19S

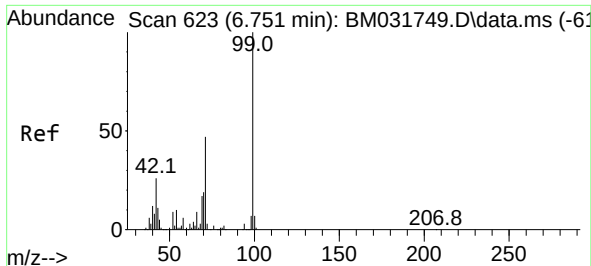
Tgt Ion:152 Resp: 27917
Ion Ratio Lower Upper
152 100
150 152.1 125.9 188.9
115 65.3 44.6 67.0



#5
2-Fluorophenol
Concen: 1.356 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

Tgt Ion:112 Resp: 2359
Ion Ratio Lower Upper
112 100
64 52.4 47.1 70.7
63 39.3 27.3 40.9

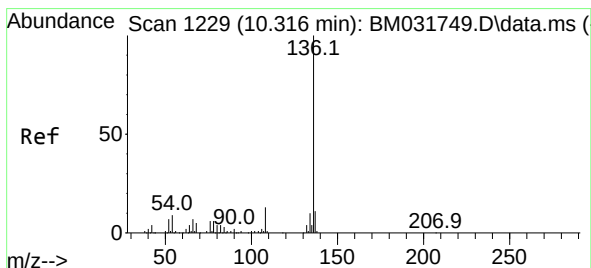
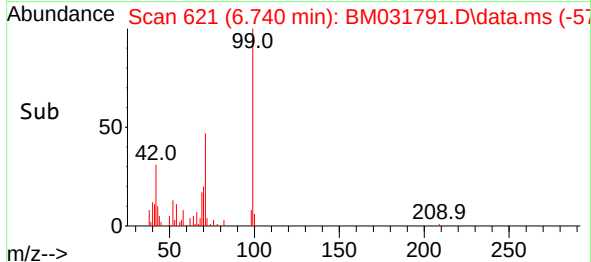
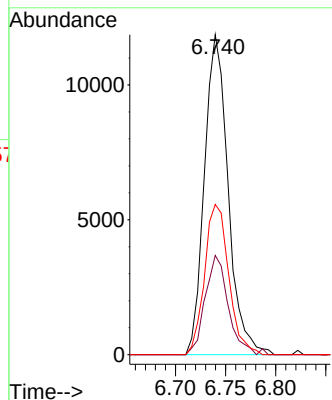
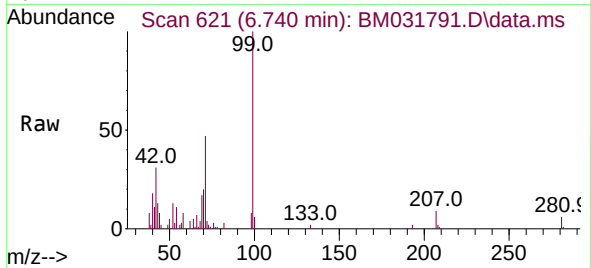




#7
Phenol-d6
Concen: 7.756 ng
RT: 6.740 min Scan# 621
Delta R.T. -0.012 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

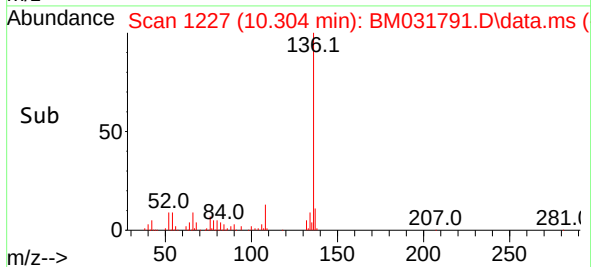
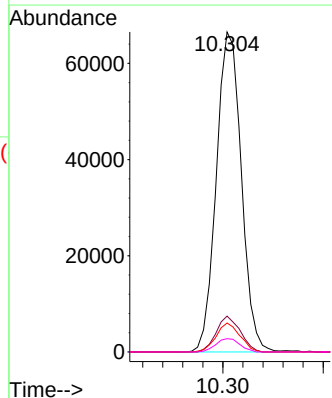
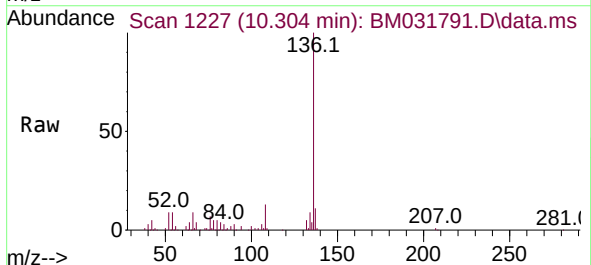
Instrument :
BNA_M
ClientSampled :
19S

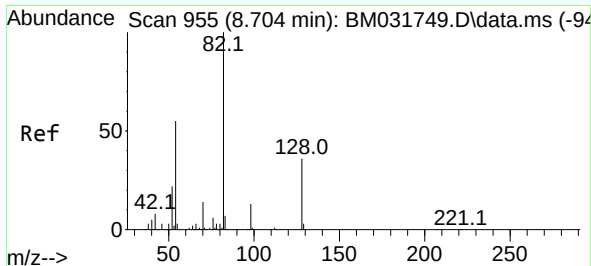
Tgt Ion: 99 Resp: 19548
Ion Ratio Lower Upper
99 100
42 31.0 18.0 27.0#
71 47.0 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.304 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

Tgt Ion: 136 Resp: 114973
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 5.5 8.3#
68 4.1 4.2 6.2#

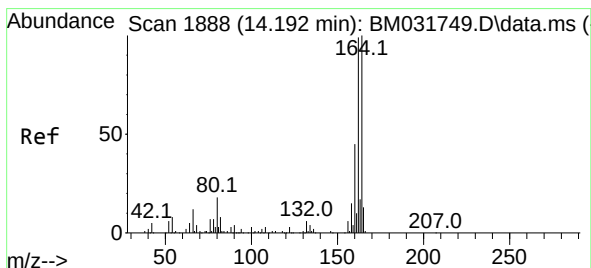
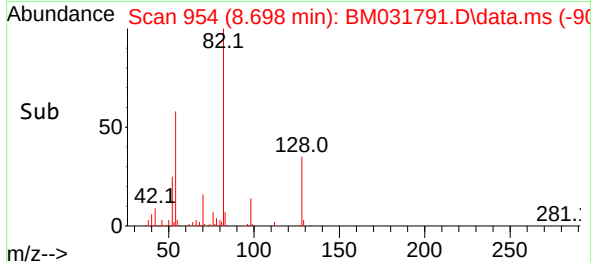
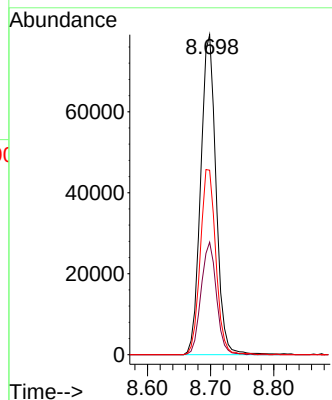
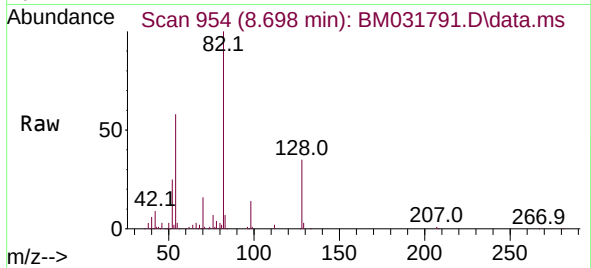




#23
Nitrobenzene-d5
Concen: 48.612 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

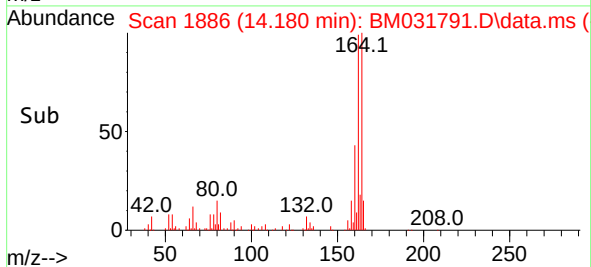
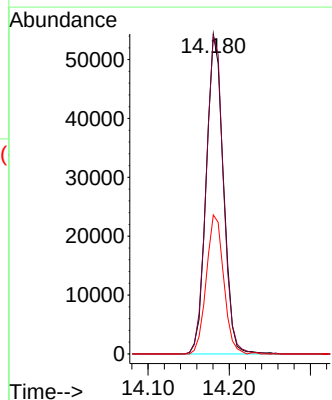
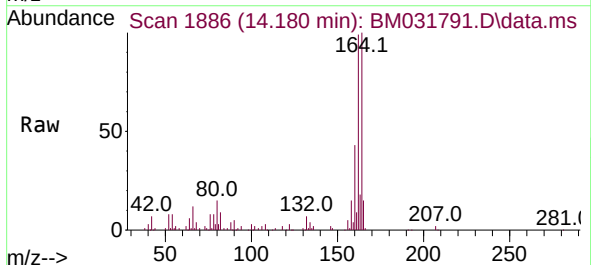
Instrument :
BNA_M
ClientSampled :
19S

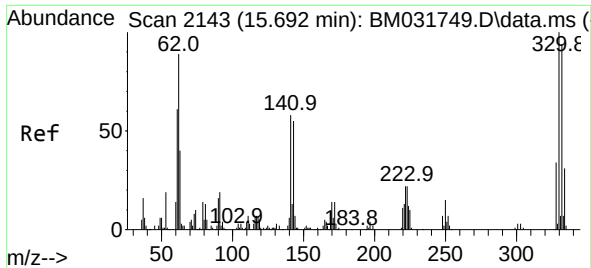
Tgt Ion: 82 Resp: 133483
Ion Ratio Lower Upper
82 100
128 35.2 31.1 46.7
54 57.7 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

Tgt Ion:164 Resp: 79537
Ion Ratio Lower Upper
164 100
162 99.5 83.4 125.0
160 43.5 37.2 55.8

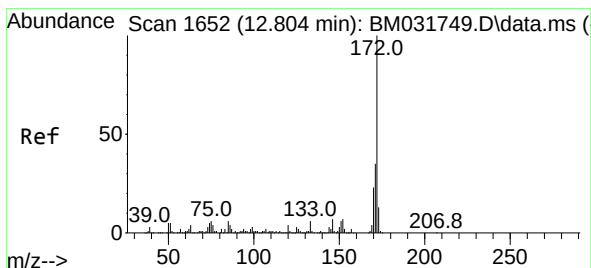
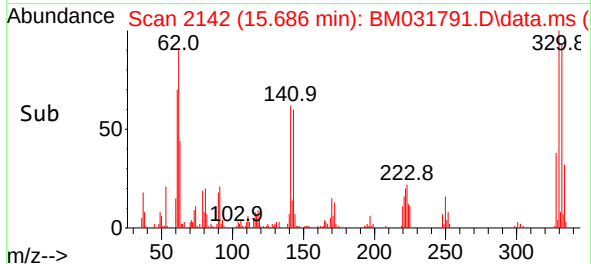
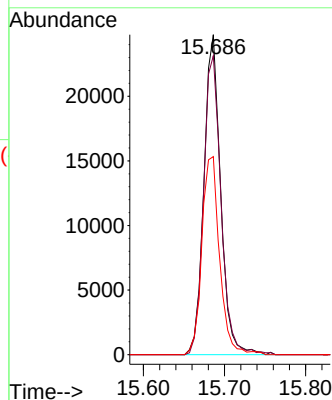
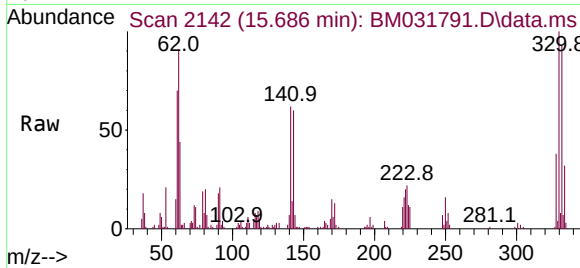




#42
2,4,6-Tribromophenol
Concen: 36.202 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

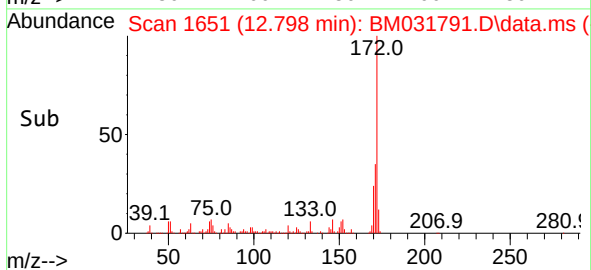
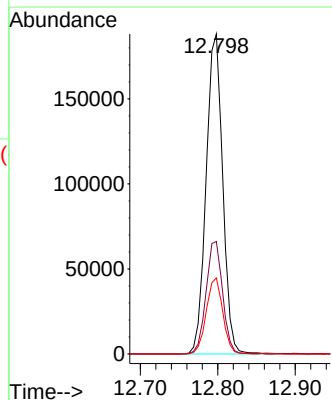
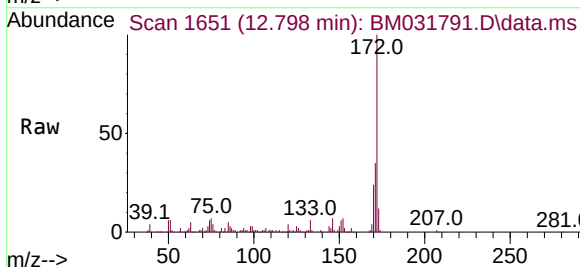
Instrument :
BNA_M
ClientSampleId :
19S

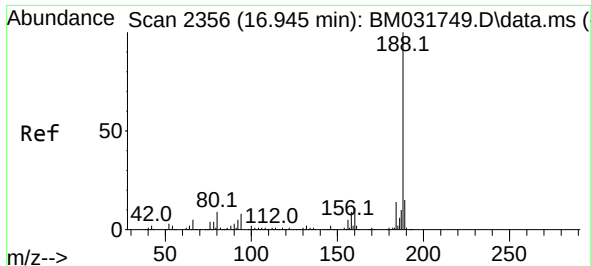
Tgt Ion:330 Resp: 35464
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 65.7 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 46.734 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

Tgt Ion:172 Resp: 279267
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 18.4 27.6

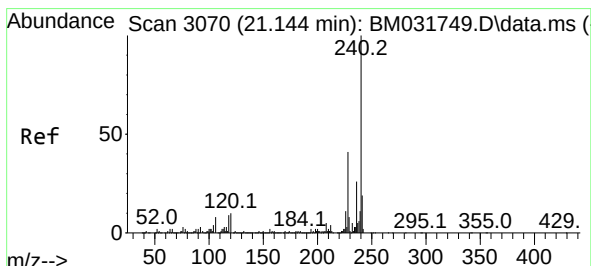
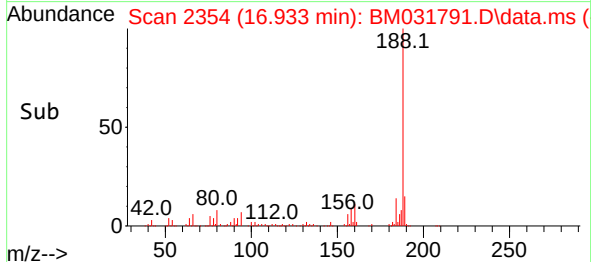
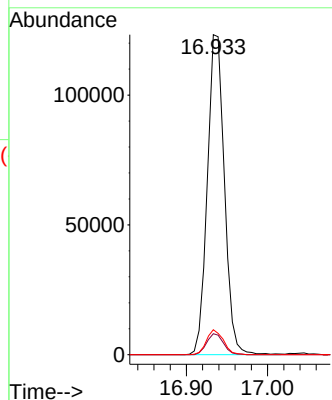
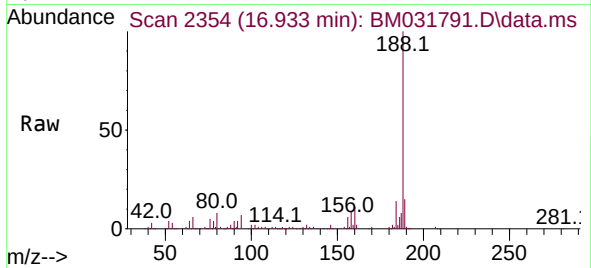




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.933 min Scan# 2354
Delta R.T. -0.012 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

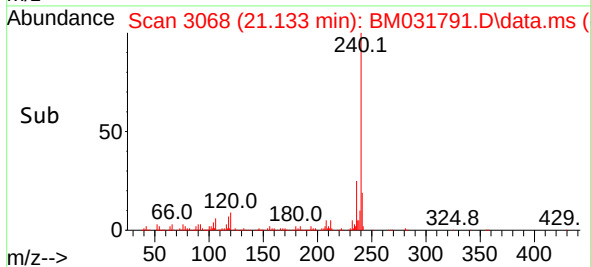
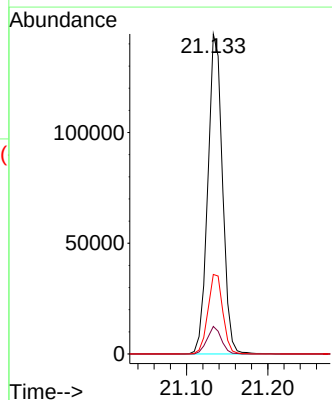
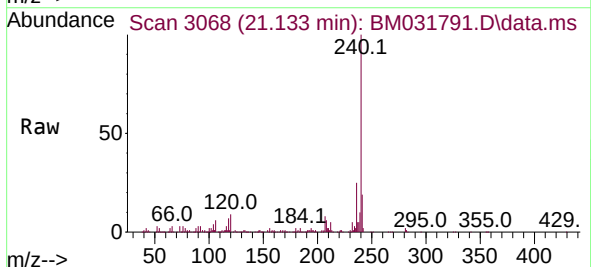
Instrument :
BNA_M
ClientSampled :
19S

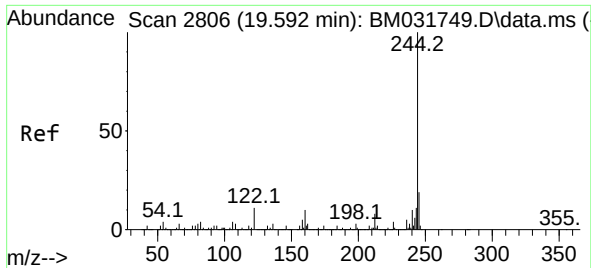
Tgt Ion:188 Resp: 179863
Ion Ratio Lower Upper
188 100
94 6.5 6.0 9.0
80 7.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BM031791.D
Acq: 17 Aug 2021 21:02

Tgt Ion:240 Resp: 179983
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 24.9 21.0 31.4

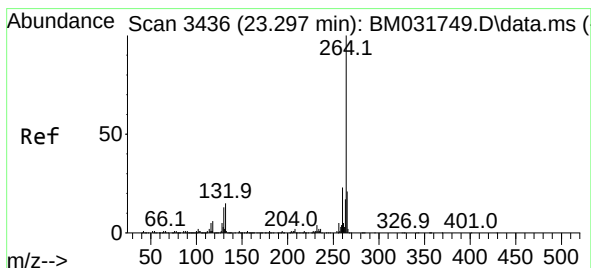
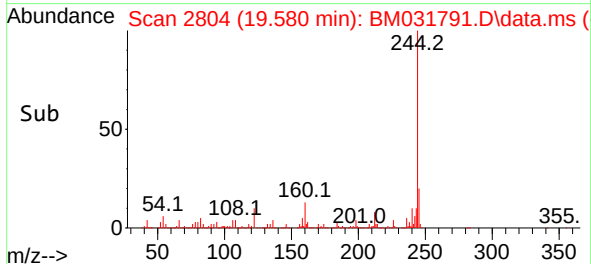
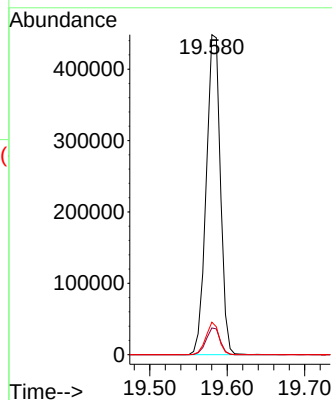
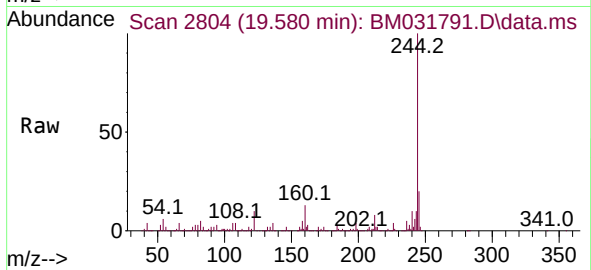




#79
 Terphenyl-d14
 Concen: 53.152 ng
 RT: 19.580 min Scan# 2804
 Delta R.T. -0.012 min
 Lab File: BM031791.D
 Acq: 17 Aug 2021 21:02

Instrument :
 BNA_M
 ClientSampled :
 19S

Tgt Ion:244 Resp: 567786
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 10.1 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: BM031791.D
 Acq: 17 Aug 2021 21:02

Tgt Ion:264 Resp: 165328
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.8 29.8
 265 21.1 17.7 26.5

