

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031795.D
 Acq On : 17 Aug 2021 23:31
 Operator : CG/JU
 Sample : M3425-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 22N

Quant Time: Aug 18 02:26:05 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	7.545	152	28777	20.000	ng	# 0.00
21) Naphthalene-d8	10.304	136	113170	20.000	ng	#-0.01
39) Acenaphthene-d10	14.180	164	74167	20.000	ng	-0.01
64) Phenanthrene-d10	16.939	188	162311	20.000	ng	0.00
76) Chrysene-d12	21.133	240	155304	20.000	ng	-0.01
86) Perylene-d12	23.285	264	143653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	278958	155.585	ng	0.00
7) Phenol-d6	6.745	99	309599	119.166	ng	0.00
23) Nitrobenzene-d5	8.698	82	268119	99.200	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	134495	147.236	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	540940	97.078	ng	0.00
79) Terphenyl-d14	19.586	244	1014103	110.018	ng	0.00

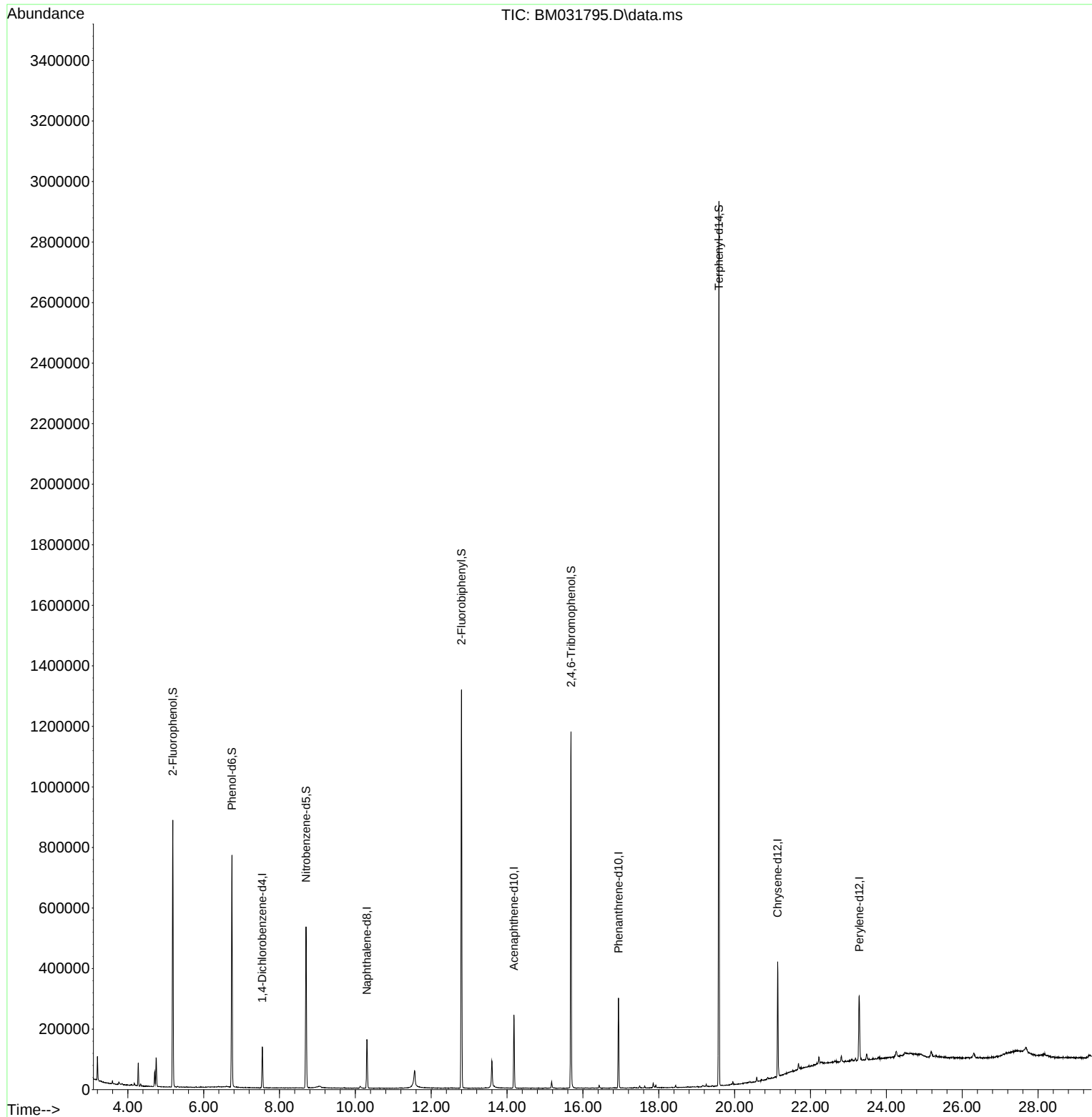
Target Compounds	Qvalue

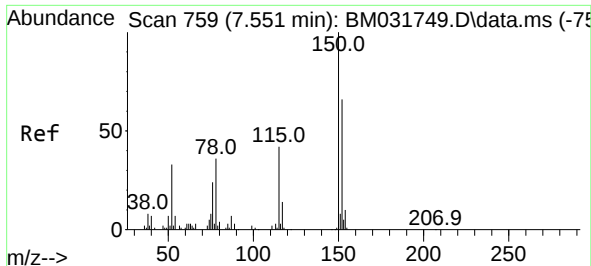
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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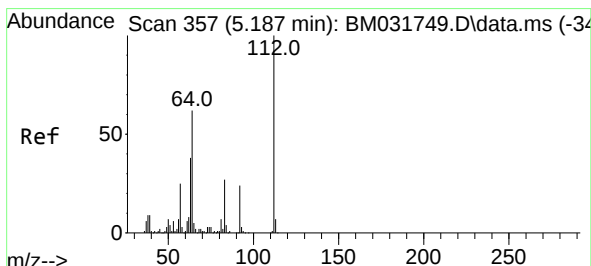
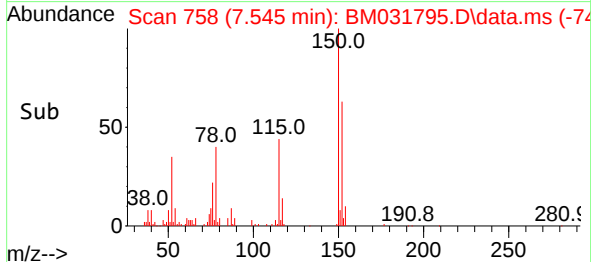
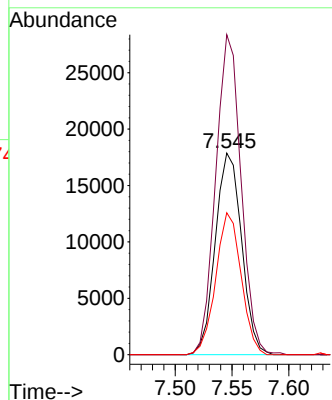
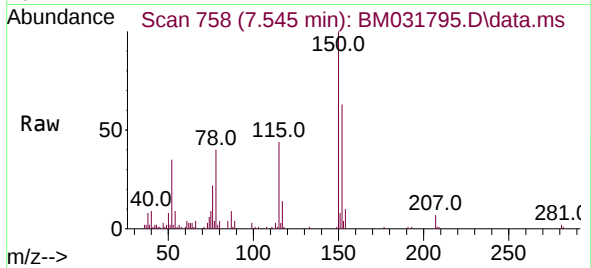




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

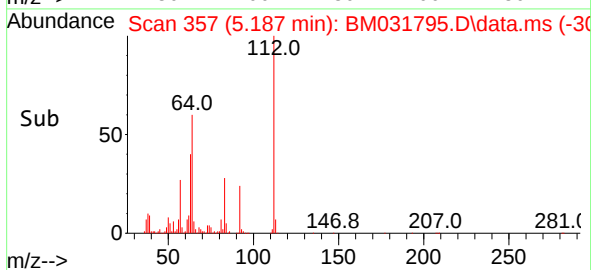
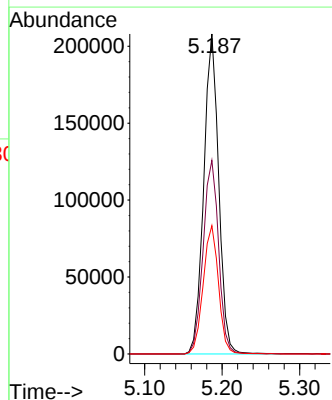
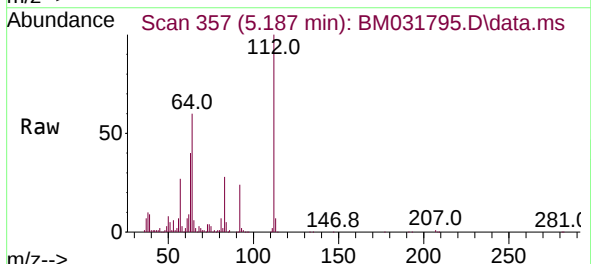
Instrument :
BNA_M
ClientSampleId :
22N

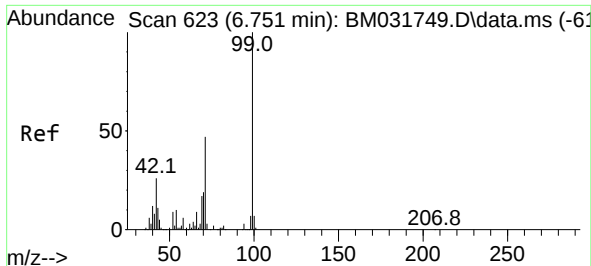
Tgt Ion:152 Resp: 28777
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 70.4 44.6 67.0#



#5
2-Fluorophenol
Concen: 155.585 ng
RT: 5.187 min Scan# 357
Delta R.T. 0.000 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

Tgt Ion:112 Resp: 278958
Ion Ratio Lower Upper
112 100
64 60.5 47.1 70.7
63 40.1 27.3 40.9

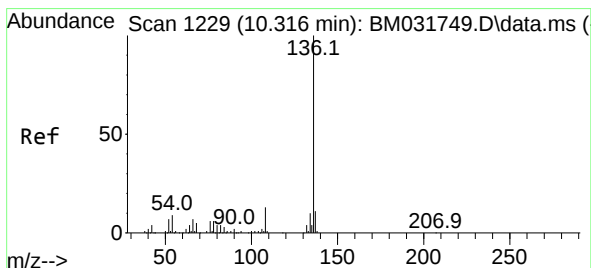
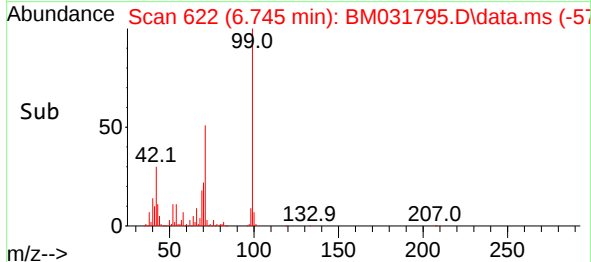
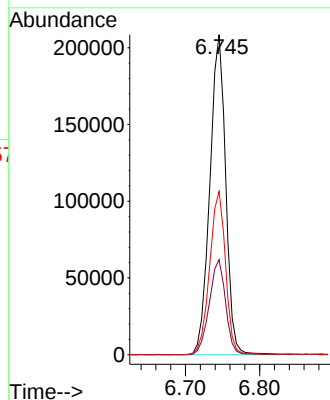
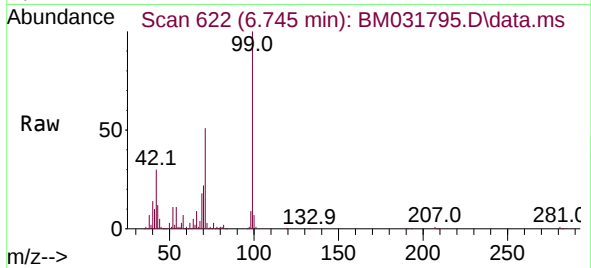




#7
Phenol-d6
Concen: 119.166 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

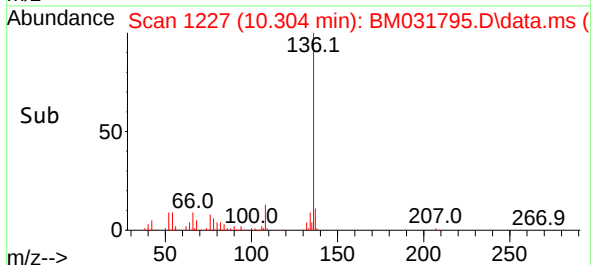
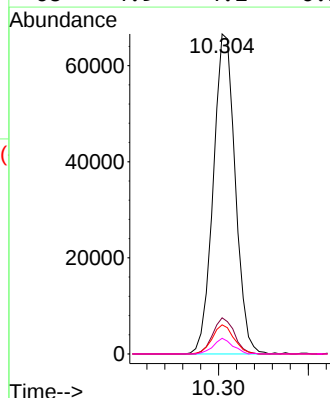
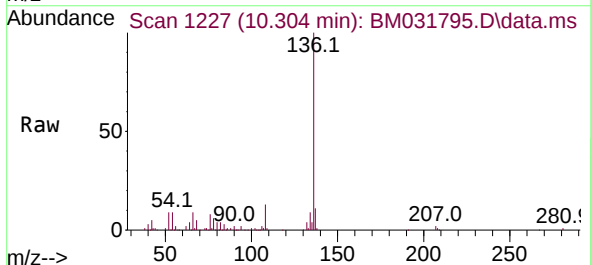
Instrument :
BNA_M
ClientSampleId :
22N

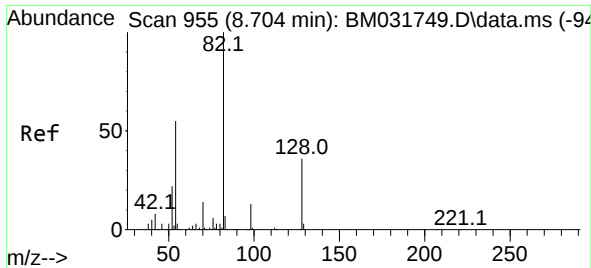
Tgt Ion: 99 Resp: 309599
Ion Ratio Lower Upper
99 100
42 29.7 18.0 27.0#
71 51.1 30.9 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.304 min Scan# 1227
Delta R.T. -0.012 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

Tgt Ion: 136 Resp: 113170
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.1 5.5 8.3#
68 4.9 4.2 6.2

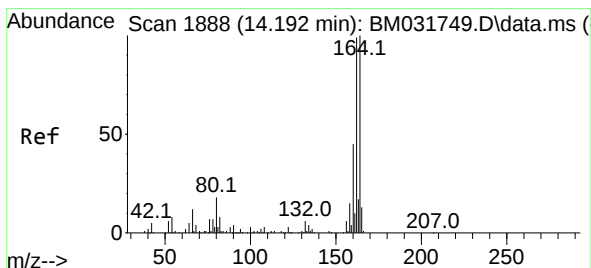
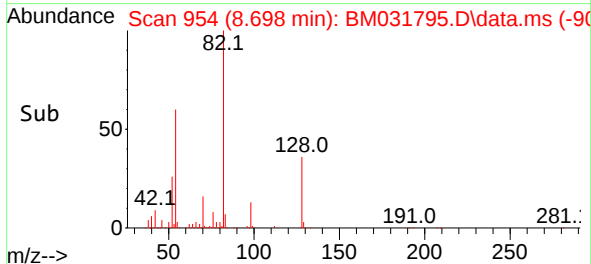
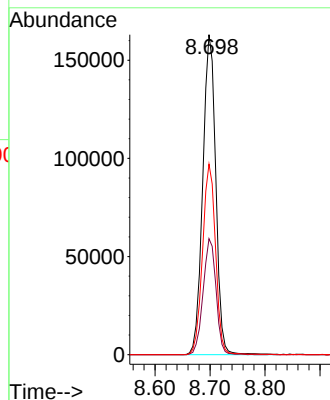
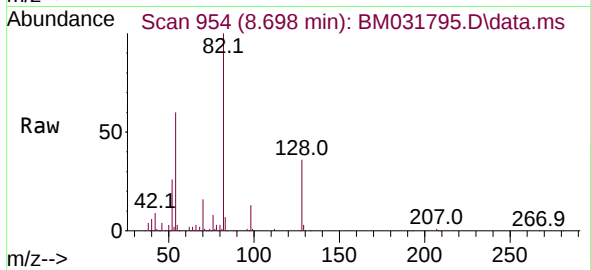




#23
Nitrobenzene-d5
Concen: 99.200 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

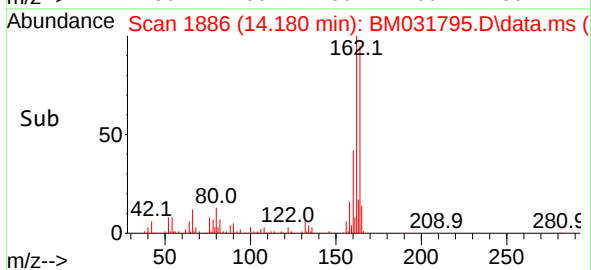
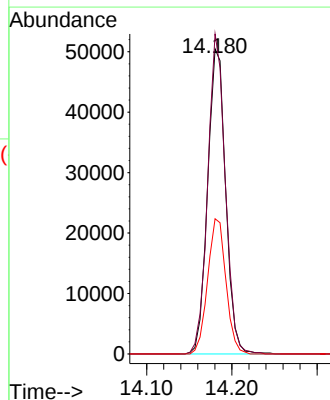
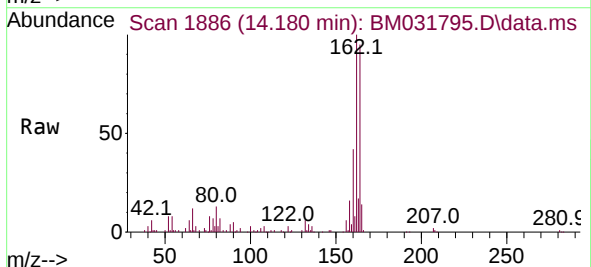
Instrument :
BNA_M
ClientSampled :
22N

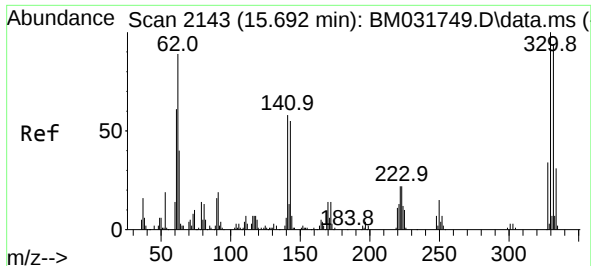
Tgt Ion: 82 Resp: 268119
Ion Ratio Lower Upper
82 100
128 36.2 31.1 46.7
54 59.5 37.3 55.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

Tgt Ion: 164 Resp: 74167
Ion Ratio Lower Upper
164 100
162 104.9 83.4 125.0
160 44.3 37.2 55.8

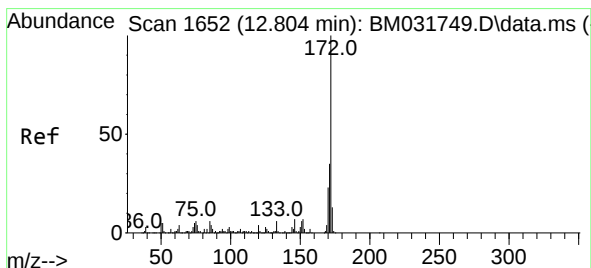
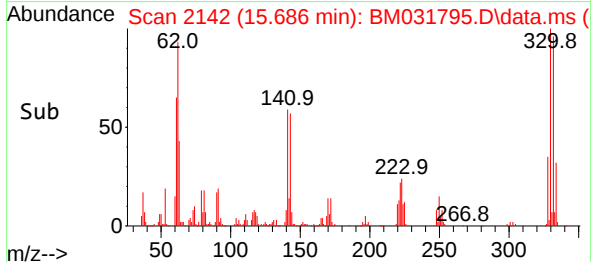
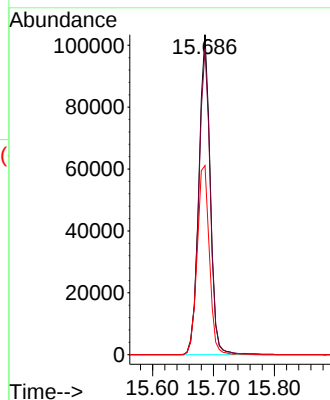
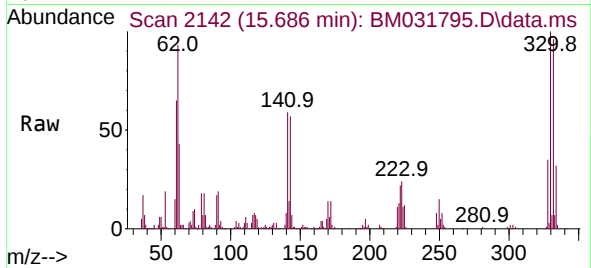




#42
2,4,6-Tribromophenol
Concen: 147.236 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

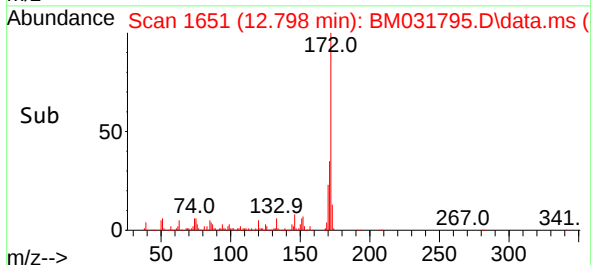
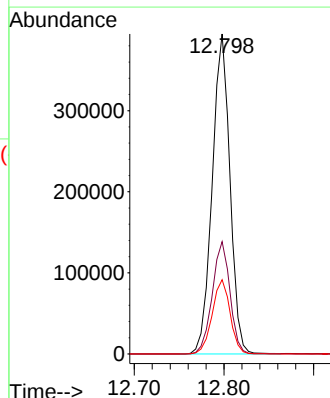
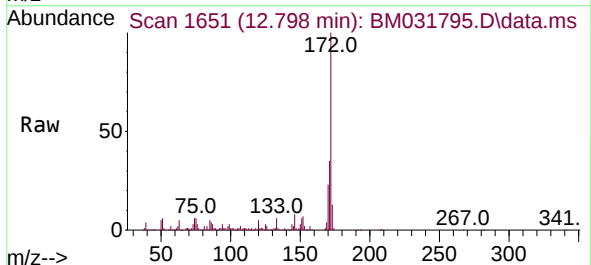
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ClientSampleId :
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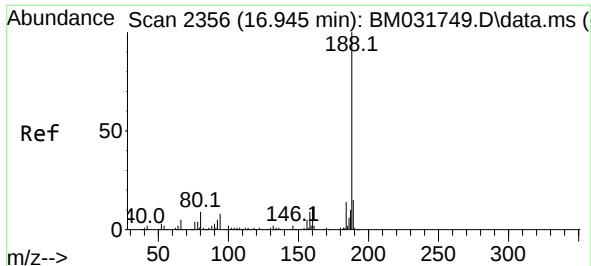
Tgt Ion:330 Resp: 134495
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 62.8 30.2 45.2#



#45
2-Fluorobiphenyl
Concen: 97.078 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

Tgt Ion:172 Resp: 540940
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.2 18.4 27.6

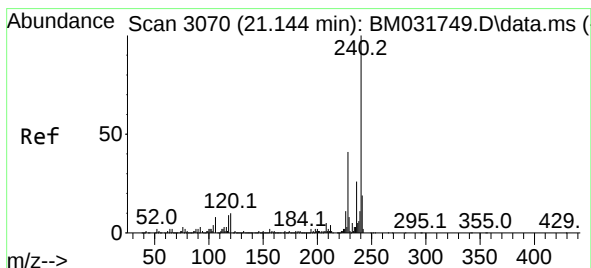
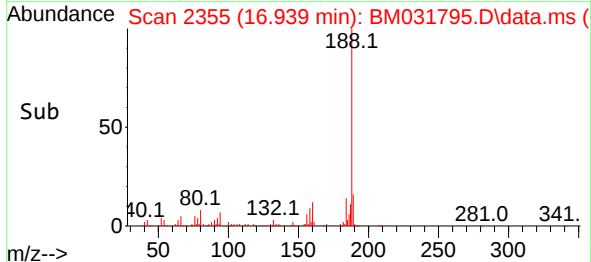
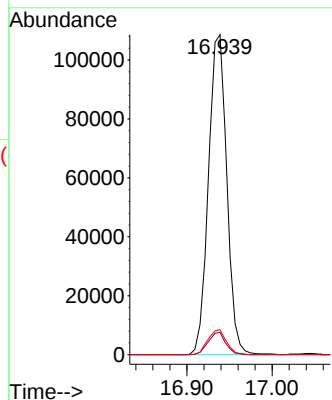
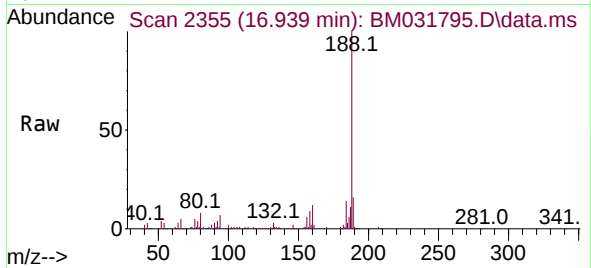




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.939 min Scan# 2355
Delta R.T. -0.006 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

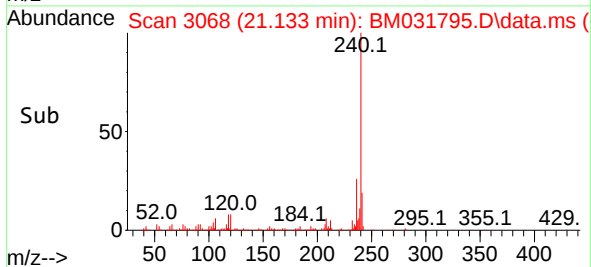
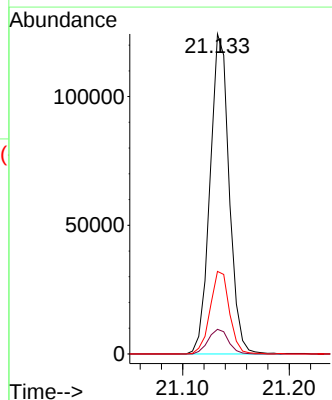
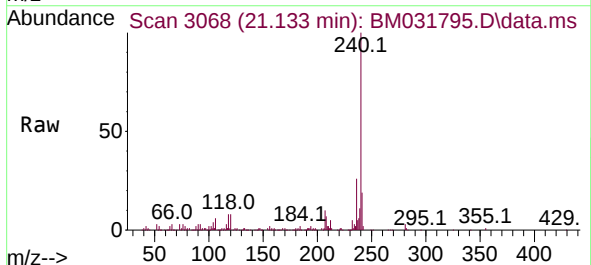
Instrument :
BNA_M
ClientSampled :
22N

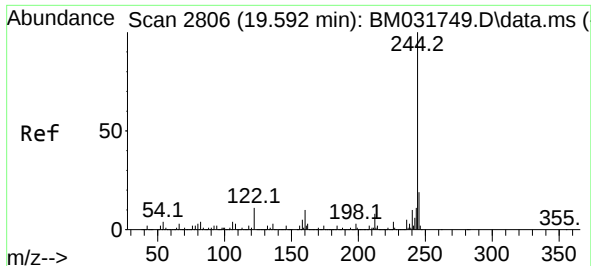
Tgt Ion:188 Resp: 162311
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 7.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BM031795.D
Acq: 17 Aug 2021 23:31

Tgt Ion:240 Resp: 155304
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.8 21.0 31.4

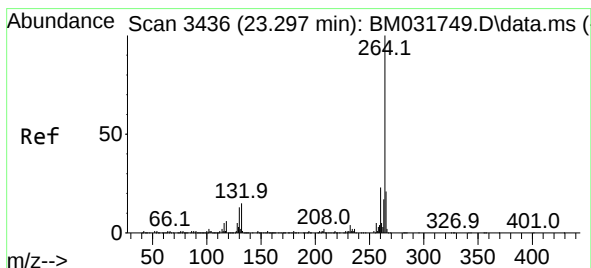
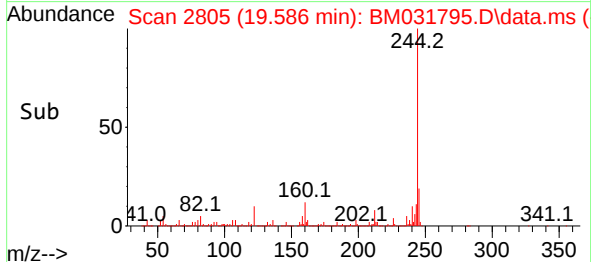
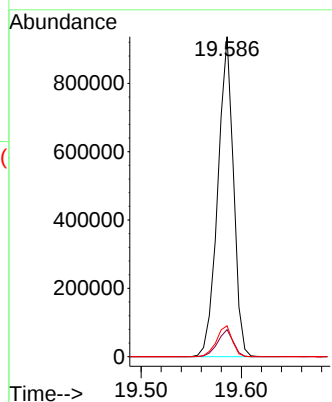
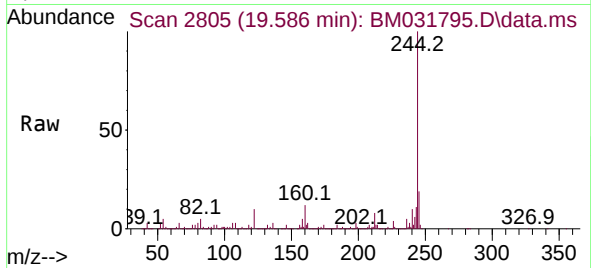




#79
 Terphenyl-d14
 Concen: 110.018 ng
 RT: 19.586 min Scan# 2805
 Delta R.T. -0.006 min
 Lab File: BM031795.D
 Acq: 17 Aug 2021 23:31

Instrument :
 BNA_M
 ClientSampleId :
 22N

Tgt Ion:244 Resp: 1014103
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.3 9.5
 122 9.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.285 min Scan# 3434
 Delta R.T. -0.012 min
 Lab File: BM031795.D
 Acq: 17 Aug 2021 23:31

Tgt Ion:264 Resp: 143653
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.8
 265 21.8 17.7 26.5

