

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031782.D
 Acq On : 17 Aug 2021 15:27
 Operator : CG/JU
 Sample : M3411-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EFF-WW

Quant Time: Aug 17 16:51:05 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)

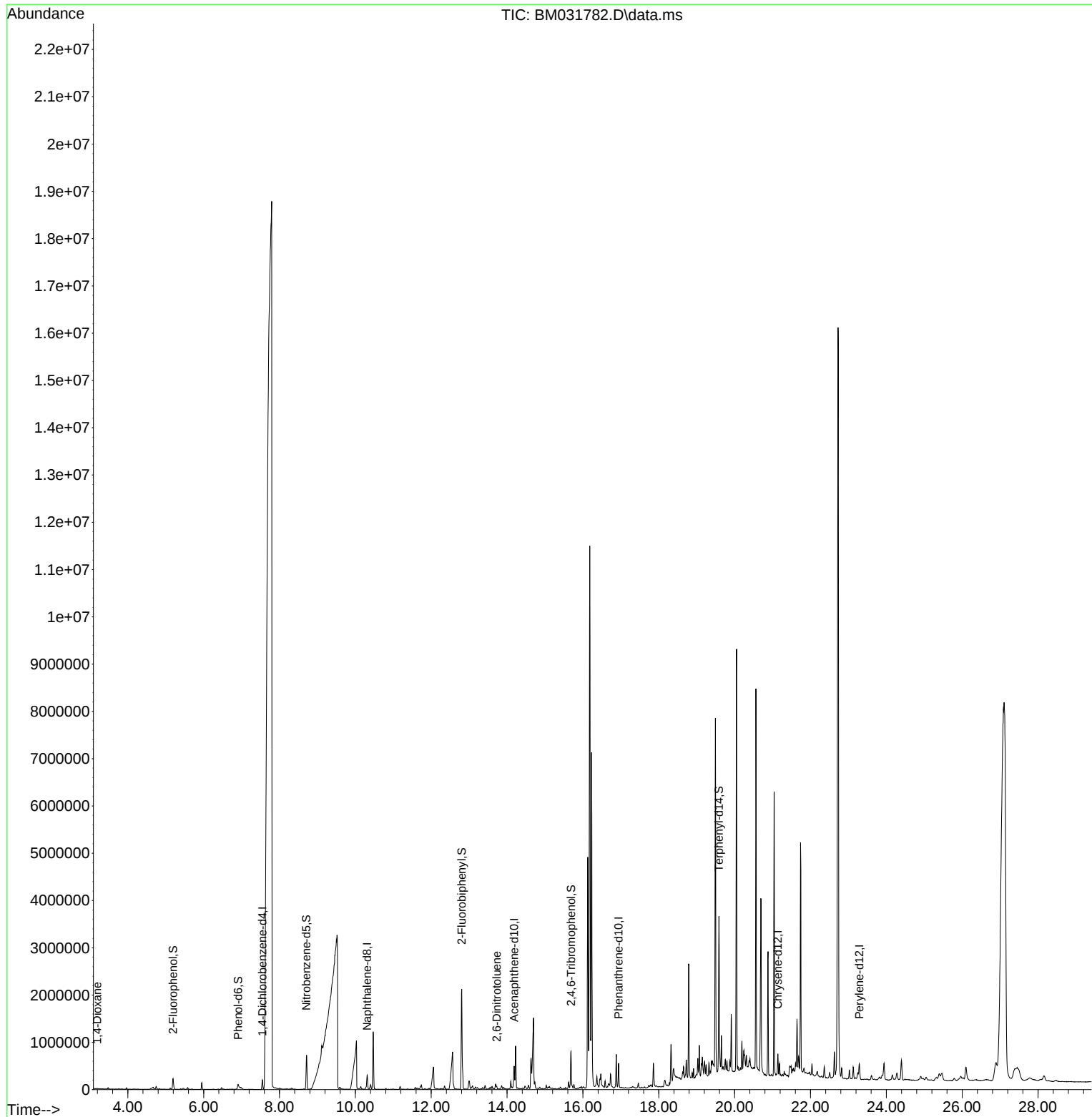
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	44548	20.000	ng	0.00
21) Naphthalene-d8	10.310	136	219499	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	145447	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	265798	20.000	ng	0.00
76) Chrysene-d12	21.139	240	196473	20.000	ng	0.00
86) Perylene-d12	23.286	264	197526	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	97159	35.005	ng	0.00
7) Phenol-d6	6.910	99	75418	18.752	ng	0.16
23) Nitrobenzene-d5	8.710	82	379067	72.310	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	102137	57.016	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	899920	82.353	ng	0.00
79) Terphenyl-d14	19.586	244	1069359	91.704	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	3128	2.696	ng	# 69
51) 2,6-Dinitrotoluene	13.727	165	6905	2.566	ng	# 30

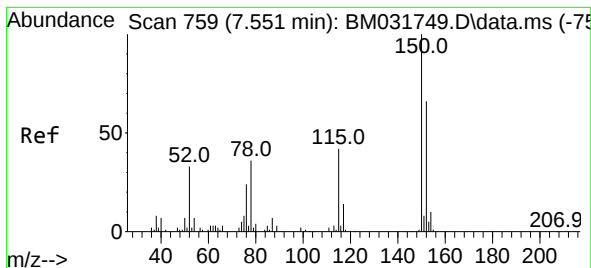
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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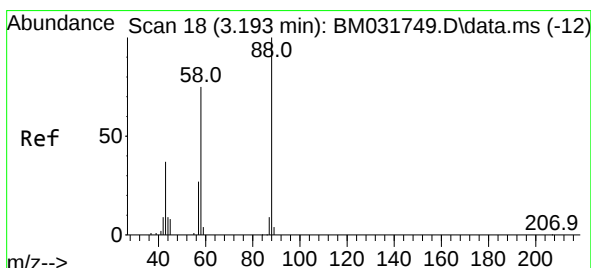
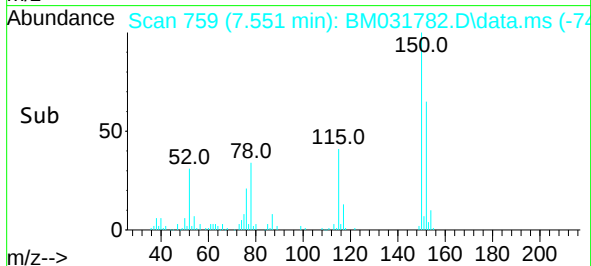
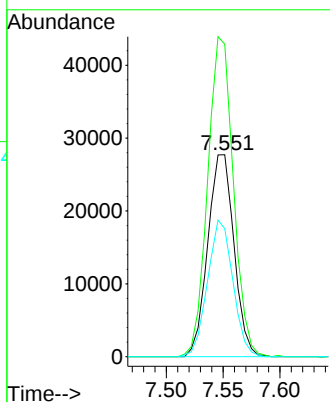
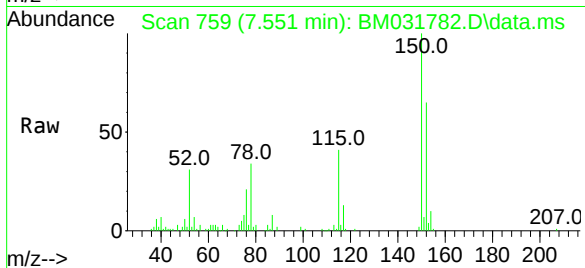




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

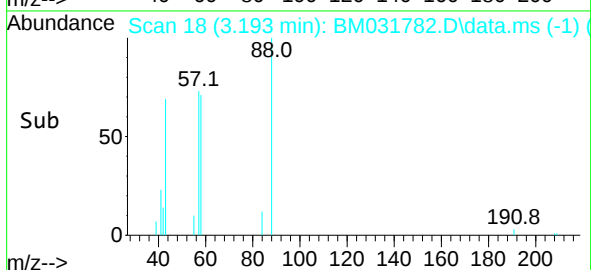
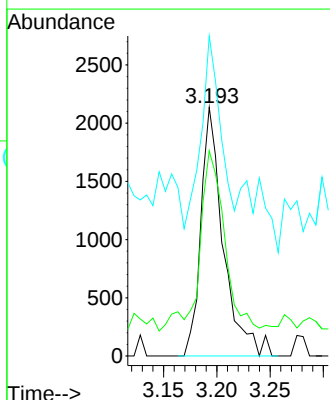
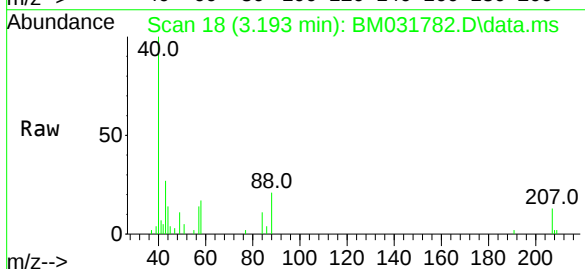
Instrument :
BNA_M
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EFF-WW

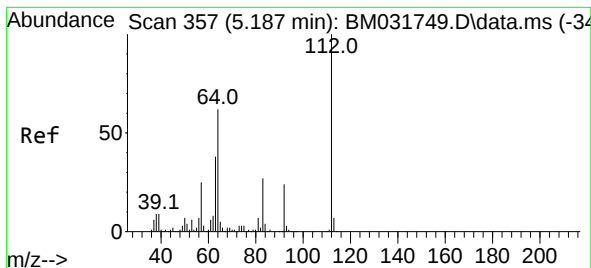
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	125.9	188.9
115	63.4	44.6	67.0



#2
1,4-Dioxane
Concen: 2.696 ng
RT: 3.193 min Scan# 18
Delta R.T. 0.000 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	53.6	80.4
43	66.4	25.8	38.6

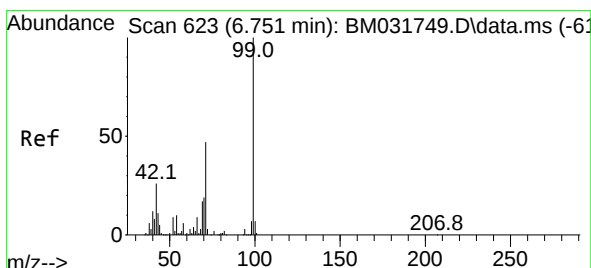
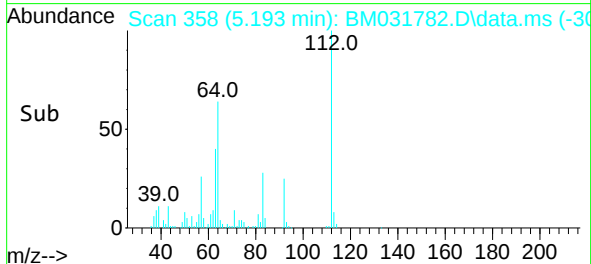
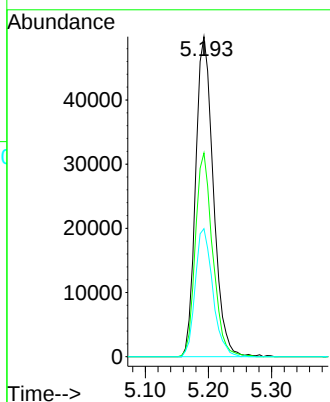
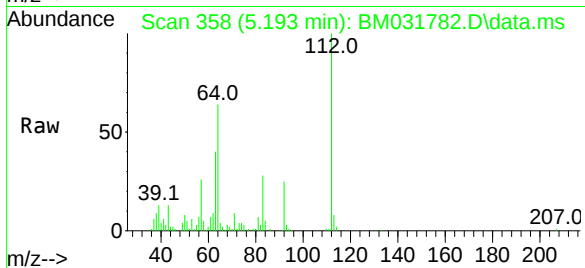




#5
2-Fluorophenol
Concen: 35.005 ng
RT: 5.193 min Scan# 358
Delta R.T. 0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

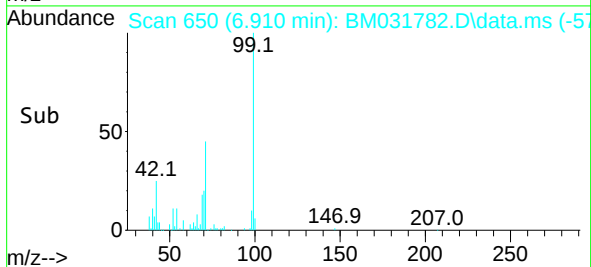
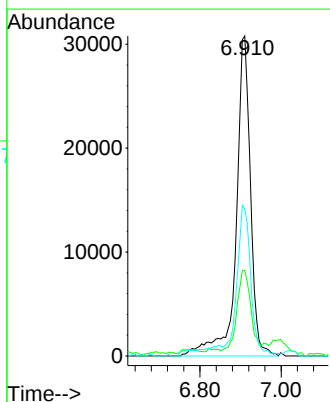
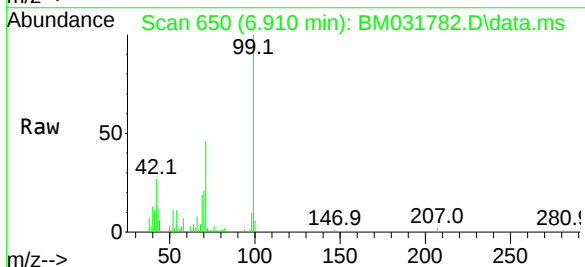
Instrument :
BNA_M
ClientSampleId :
EFF-WW

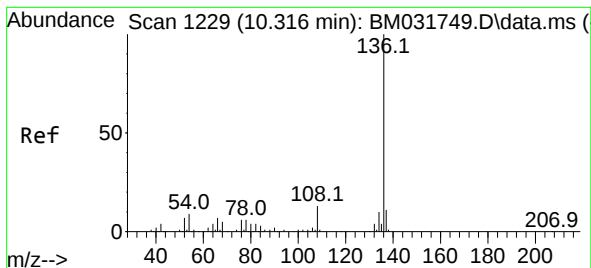
Tgt Ion:	112	Resp:	97159
Ion Ratio	Lower	Upper	
112	100		
64	63.6	47.1	70.7
63	40.0	27.3	40.9



#7
Phenol-d6
Concen: 18.752 ng
RT: 6.910 min Scan# 650
Delta R.T. 0.159 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion:	99	Resp:	75418
Ion Ratio	Lower	Upper	
99	100		
42	26.7	18.0	27.0
71	45.9	30.9	46.3

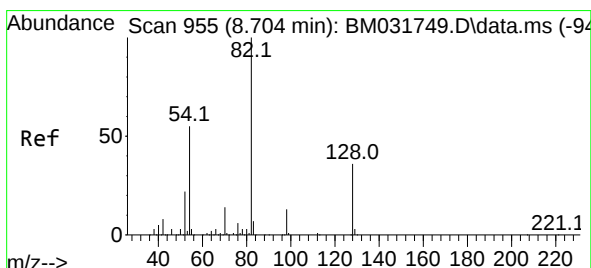
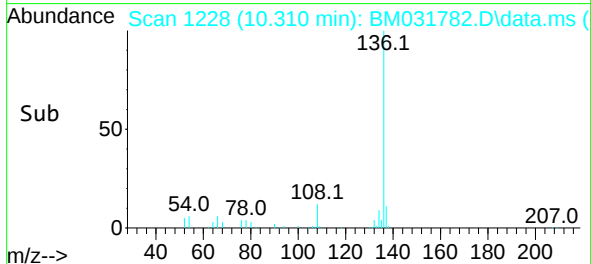
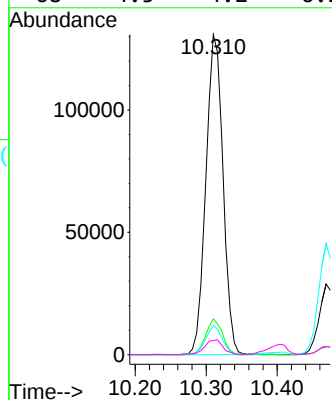
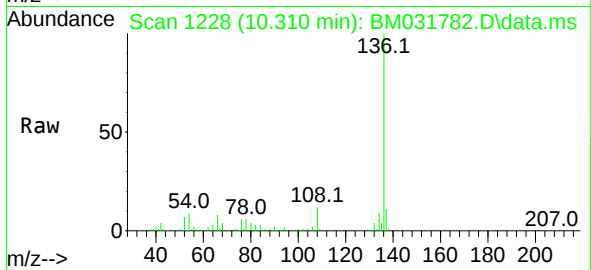




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.310 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

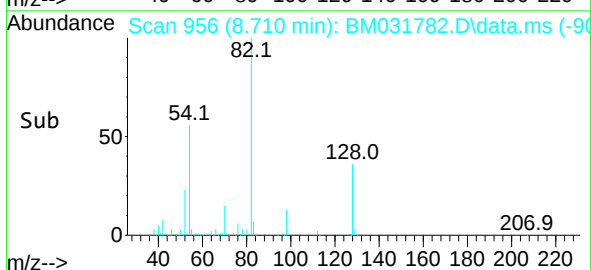
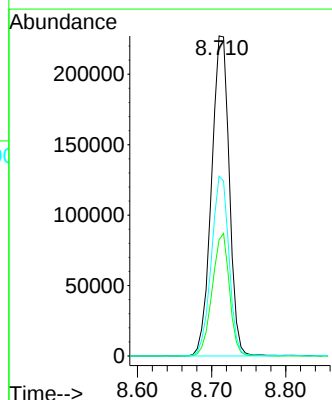
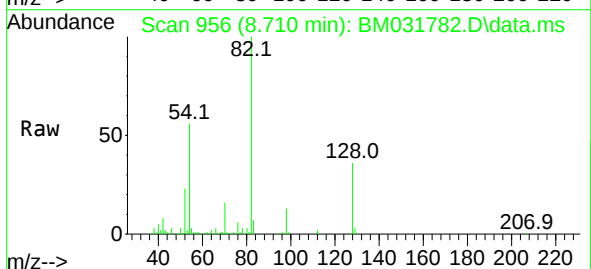
Instrument :
BNA_M
ClientSampleId :
EFF-WW

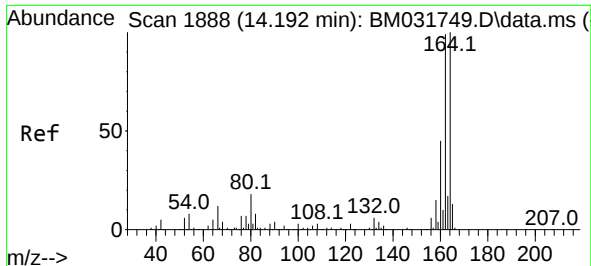
Tgt Ion:	136	Resp:	219499
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.2	5.5	8.3#
68	4.5	4.2	6.2



#23
Nitrobenzene-d5
Concen: 72.310 ng
RT: 8.710 min Scan# 956
Delta R.T. 0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion:	82	Resp:	379067
Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.1	46.7
54	56.2	37.3	55.9#

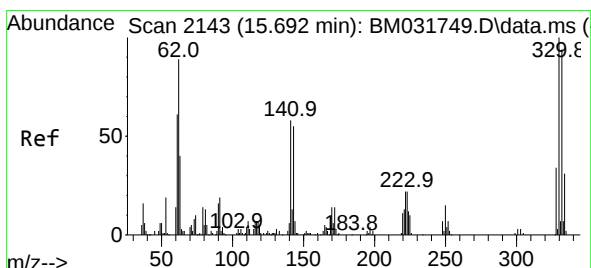
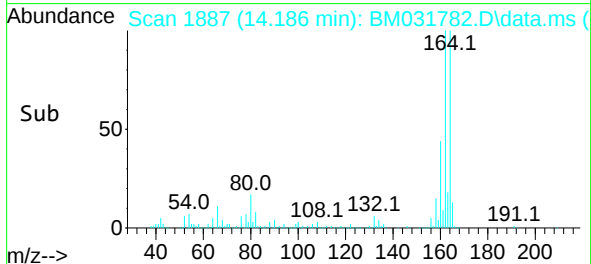
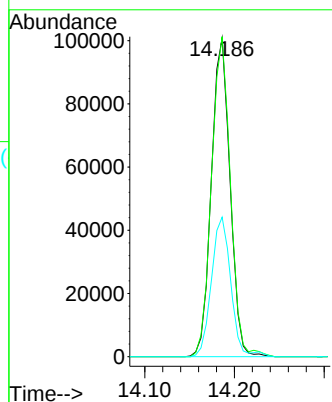
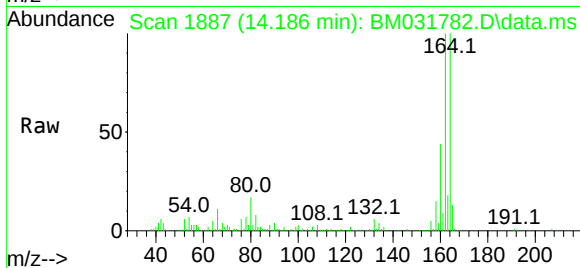




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.186 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

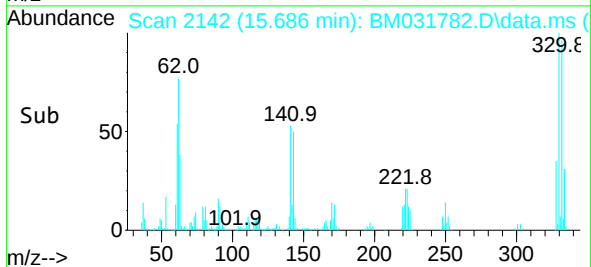
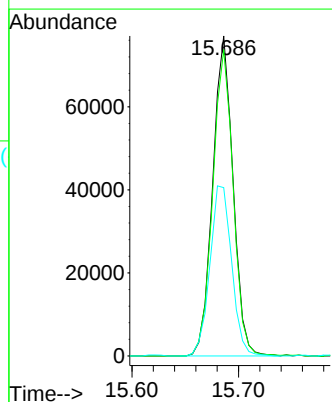
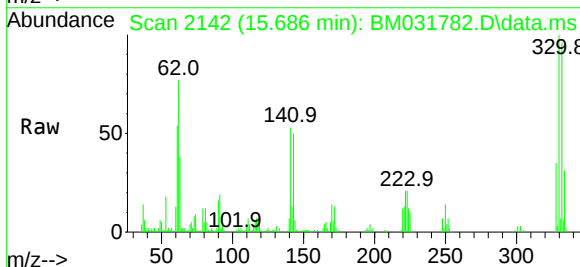
Instrument :
BNA_M
ClientSampleId :
EFF-WW

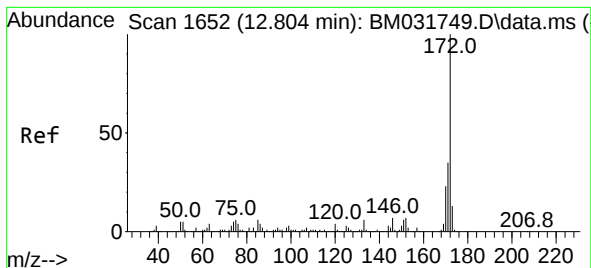
Tgt Ion:164 Resp: 145447
Ion Ratio Lower Upper
164 100
162 100.5 83.4 125.0
160 43.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 57.016 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion:330 Resp: 102137
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 57.0 30.2 45.2#

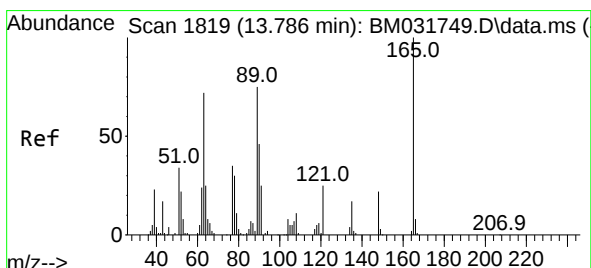
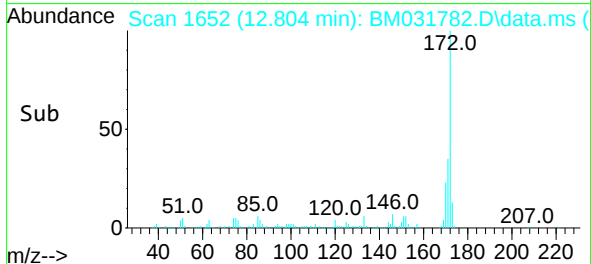
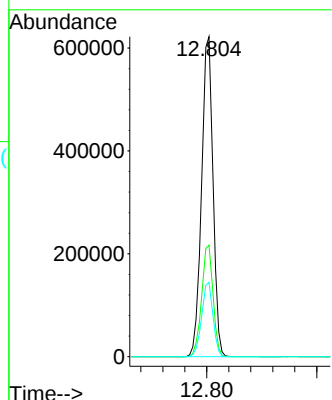
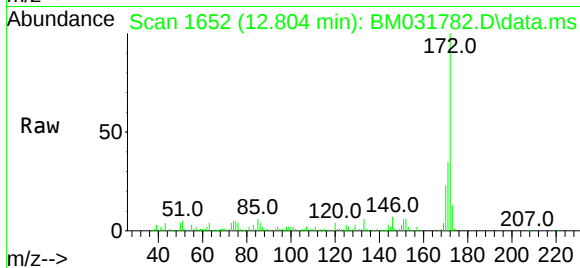




#45
2-Fluorobiphenyl
Concen: 82.353 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

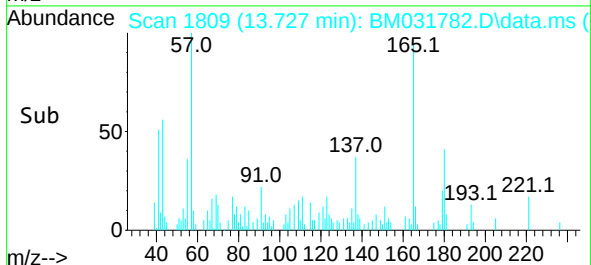
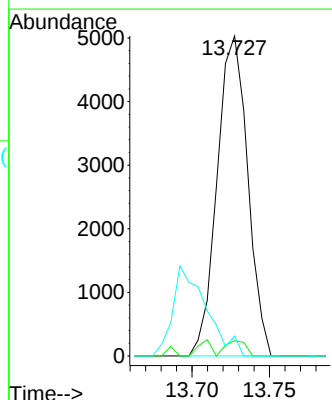
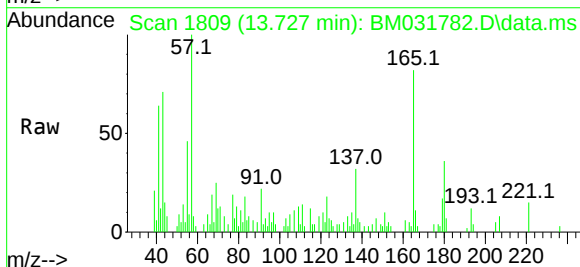
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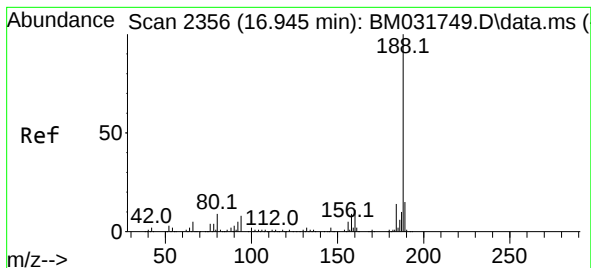
Tgt Ion:172 Resp: 899920
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.3 18.4 27.6



#51
2,6-Dinitrotoluene
Concen: 2.566 ng
RT: 13.727 min Scan# 1809
Delta R.T. -0.059 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion:165 Resp: 6905
Ion Ratio Lower Upper
165 100
63 4.8 45.3 67.9#
89 6.2 46.3 69.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.939 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BM031782.D

Acq: 17 Aug 2021 15:27

Tgt Ion:188 Resp: 265798

Ion Ratio Lower Upper

188 100

94 8.1 6.0 9.0

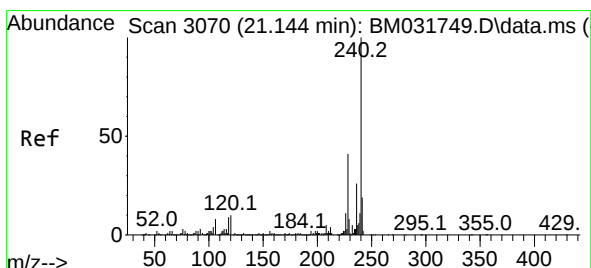
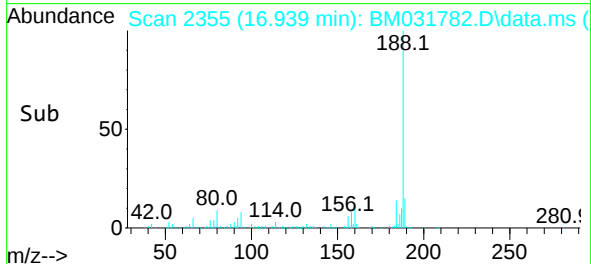
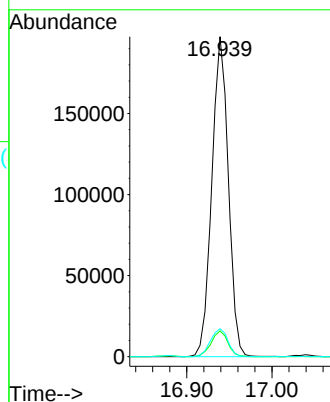
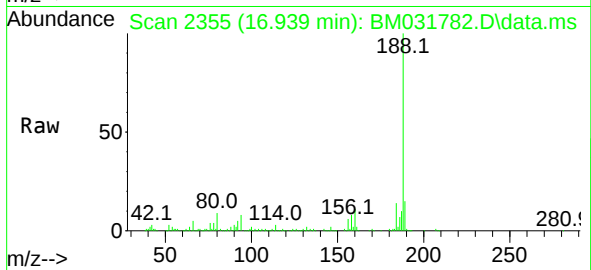
80 8.8 6.6 9.8

Instrument :

BNA_M

ClientSampleId :

EFF-WW



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.139 min Scan# 3069

Delta R.T. -0.006 min

Lab File: BM031782.D

Acq: 17 Aug 2021 15:27

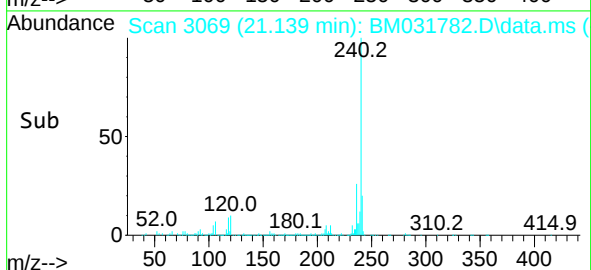
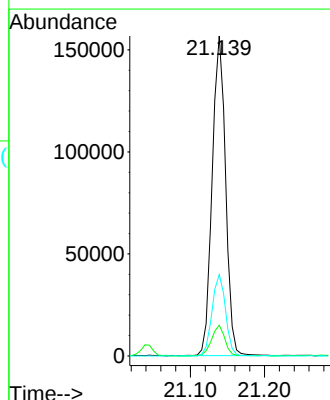
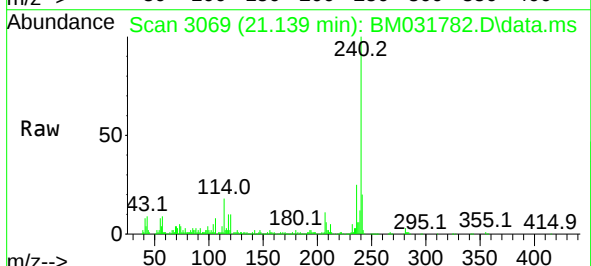
Tgt Ion:240 Resp: 196473

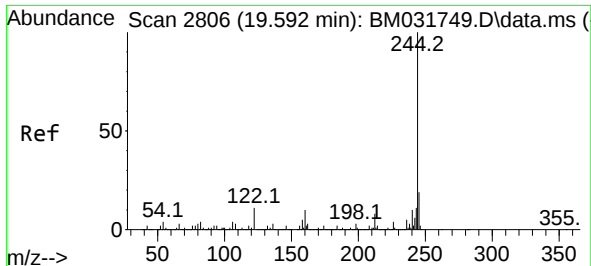
Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 25.5 21.0 31.4

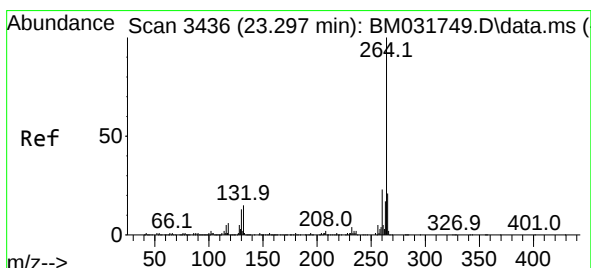
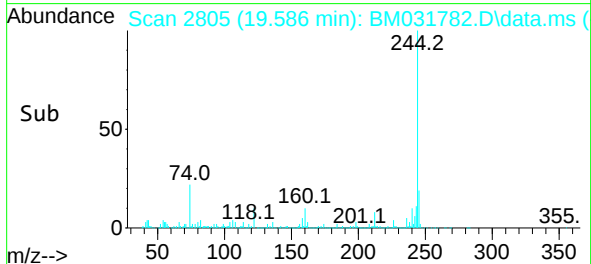
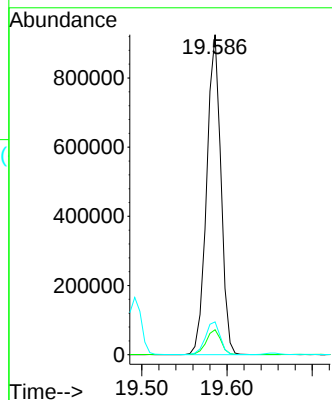
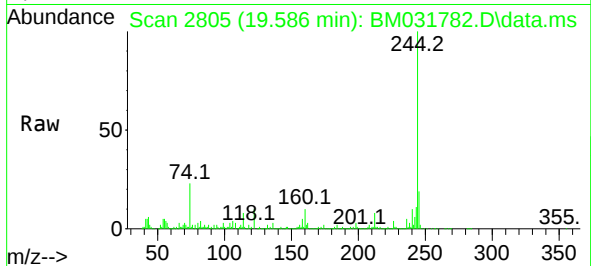




#79
Terphenyl-d14
Concen: 91.704 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Instrument :
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Tgt Ion:244 Resp: 1069359
Ion Ratio Lower Upper
244 100
212 7.8 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. -0.012 min
Lab File: BM031782.D
Acq: 17 Aug 2021 15:27

Tgt Ion:264 Resp: 197526
Ion Ratio Lower Upper
264 100
260 22.6 19.8 29.8
265 22.5 17.7 26.5

