

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120821\
 Data File : BM033346.D
 Acq On : 08 Dec 2021 16:48
 Operator : CG/JU
 Sample : PB141259TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141259TB

Quant Time: Dec 15 23:18:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

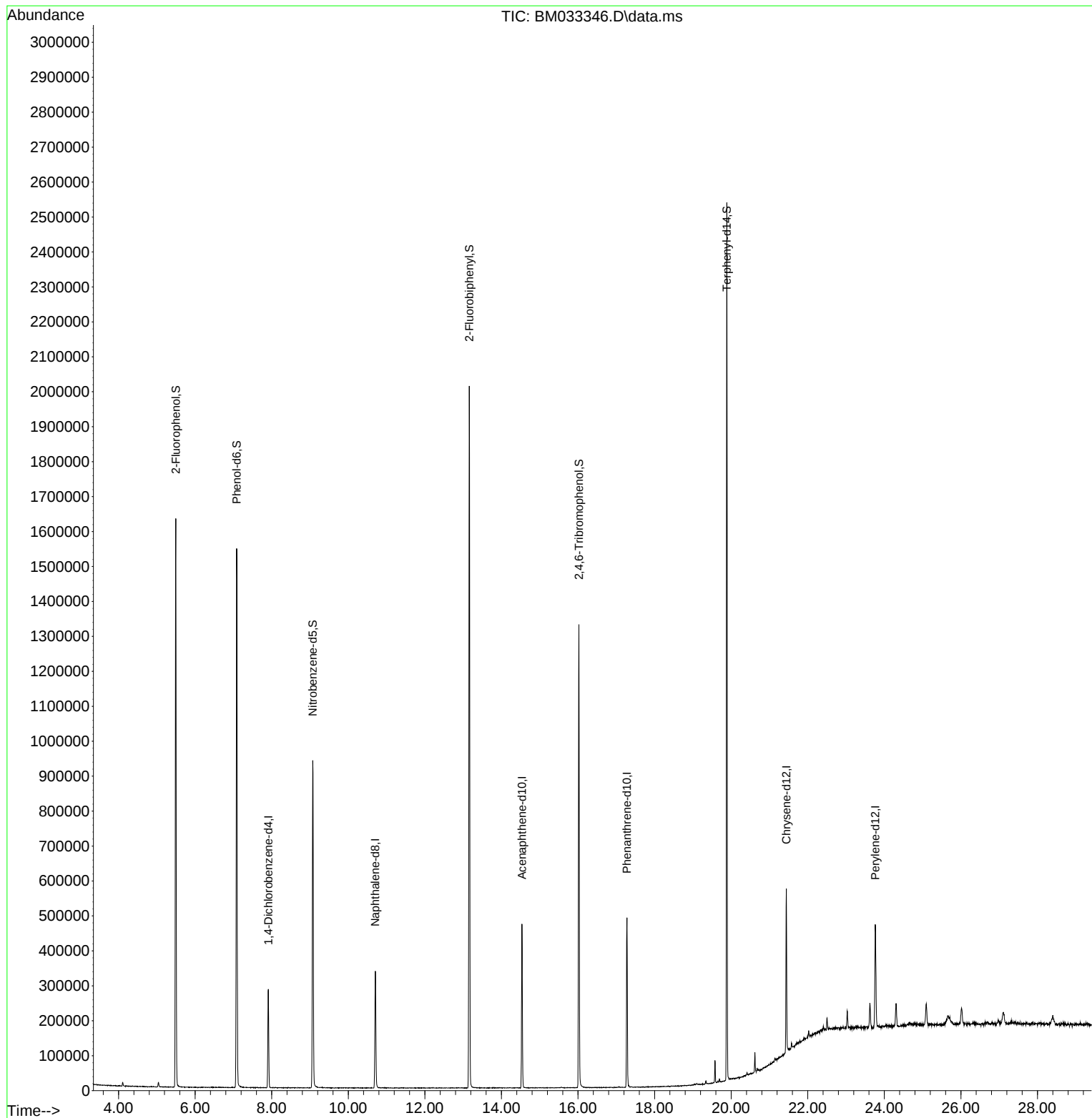
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	69844	20.000	ng	0.01
21) Naphthalene-d8	10.707	136	262182	20.000	ng	0.01
39) Acenaphthene-d10	14.536	164	154041	20.000	ng	0.01
64) Phenanthrene-d10	17.277	188	280410	20.000	ng	0.01
76) Chrysene-d12	21.442	240	216619	20.000	ng	0.01
86) Perylene-d12	23.765	264	210416	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	575821	135.252	ng	0.01
7) Phenol-d6	7.084	99	739745	124.615	ng	0.01
23) Nitrobenzene-d5	9.072	82	531910	86.143	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	187108	113.549	ng	0.01
45) 2-Fluorobiphenyl	13.160	172	973429	87.411	ng	0.01
79) Terphenyl-d14	19.889	244	1066704	91.232	ng	0.01
Target Compounds						
9) Benzaldehyde	7.084	77	2039	Below Cal	Qvalue #	7

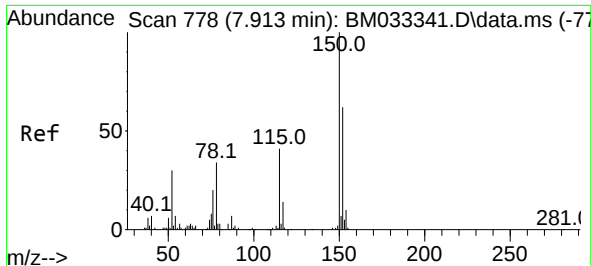
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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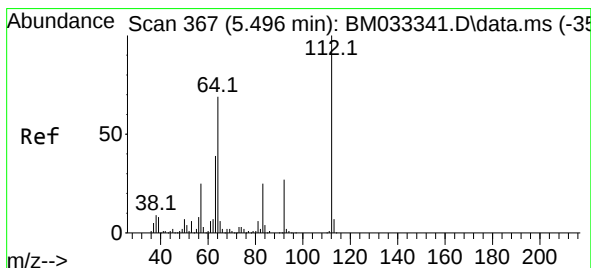
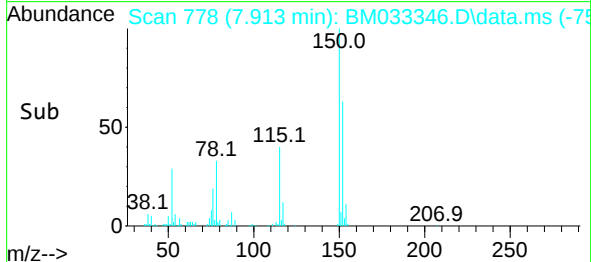
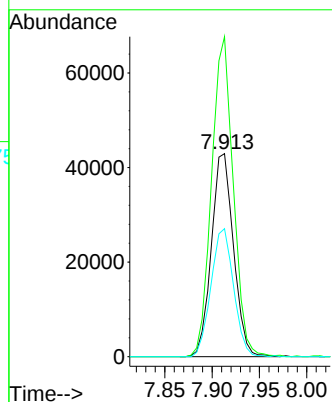
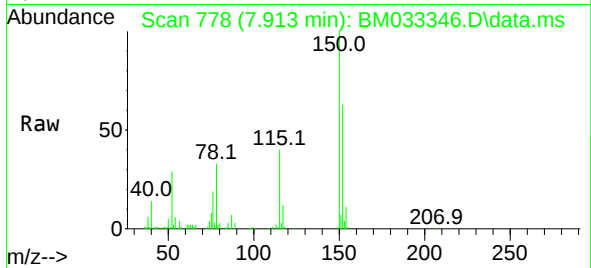




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.913 min Scan# 778
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

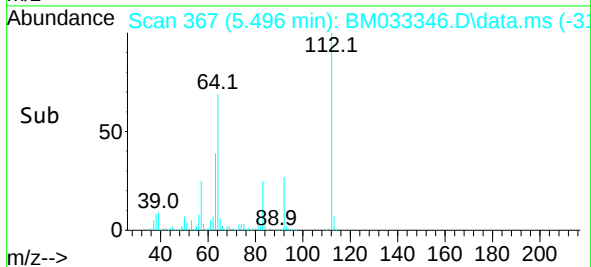
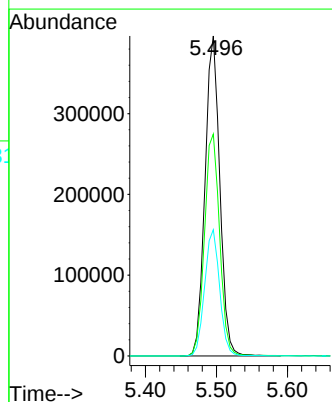
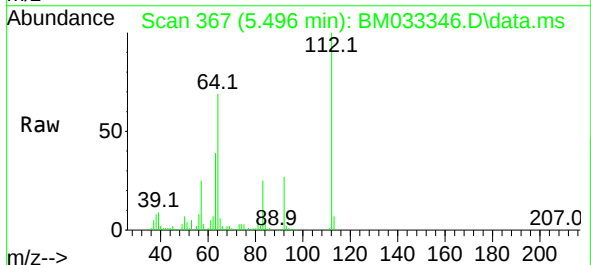
Instrument :
BNA_M
ClientSampleId :
PB141259TB

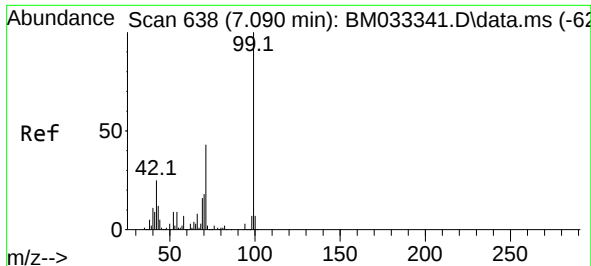
Tgt Ion:152 Resp: 69844
Ion Ratio Lower Upper
152 100
150 157.6 128.9 193.3
115 63.1 53.0 79.6



#5
2-Fluorophenol
Concen: 135.252 ng
RT: 5.496 min Scan# 367
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

Tgt Ion:112 Resp: 575821
Ion Ratio Lower Upper
112 100
64 69.4 55.5 83.3
63 39.4 31.3 46.9

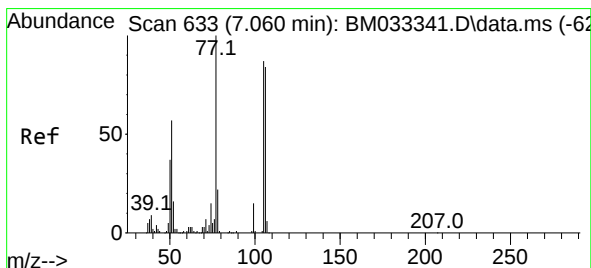
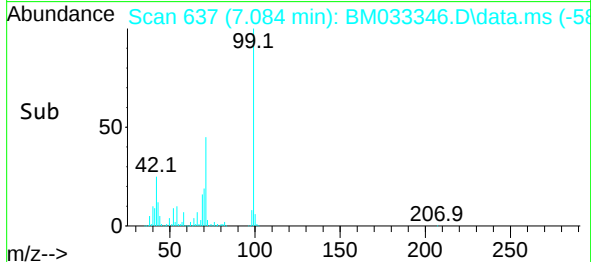
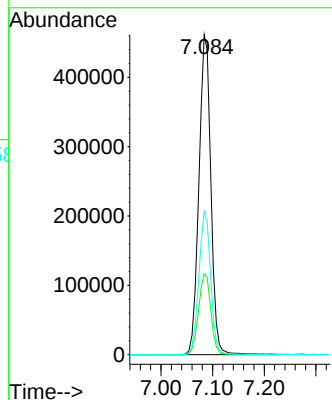
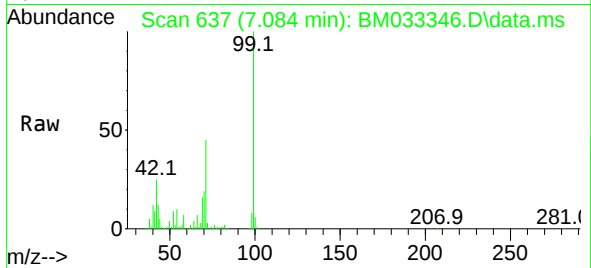




#7
Phenol-d6
Concen: 124.615 ng
RT: 7.084 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

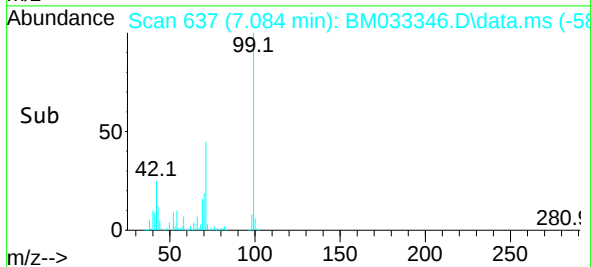
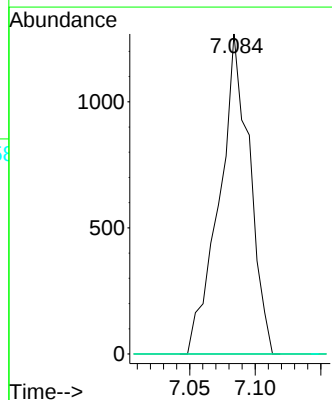
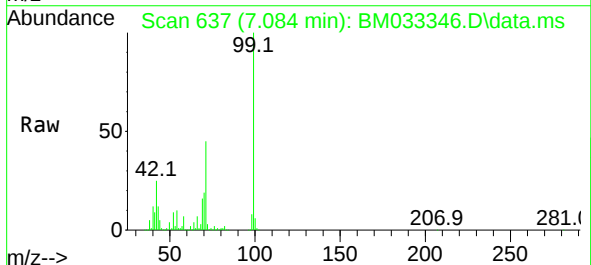
Instrument :
BNA_M
ClientSampleId :
PB141259TB

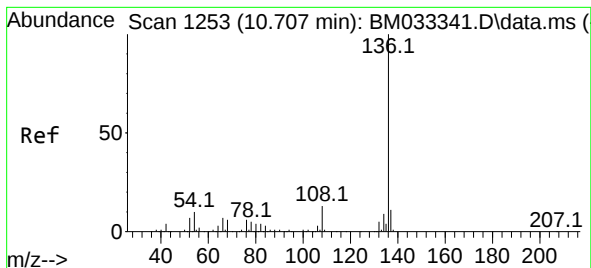
Tgt Ion: 99 Resp: 739745
Ion Ratio Lower Upper
99 100
42 25.2 20.3 30.5
71 44.7 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.084 min Scan# 637
Delta R.T. 0.035 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

Tgt Ion: 77 Resp: 2039
Ion Ratio Lower Upper
77 100
105 0.0 67.1 107.1#
106 0.0 64.3 104.3#

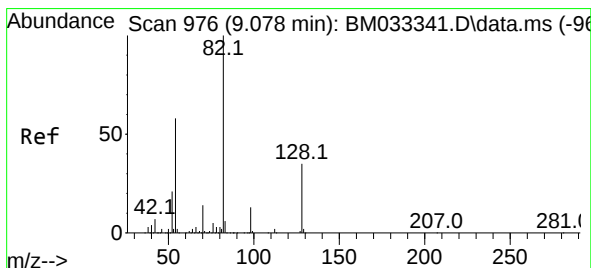
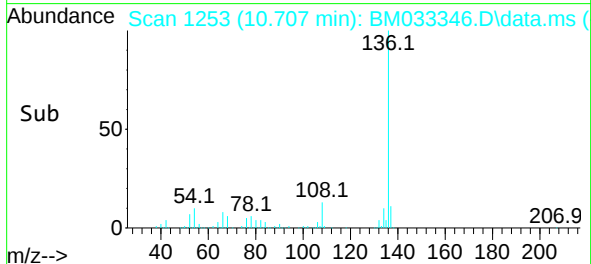
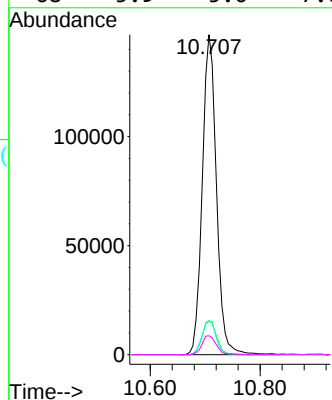
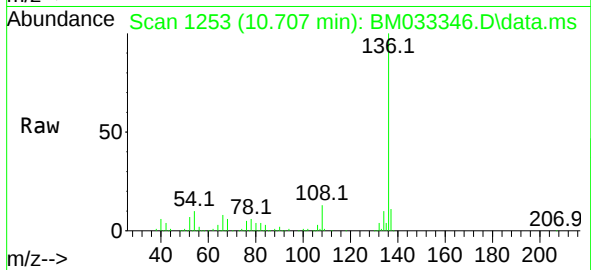




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

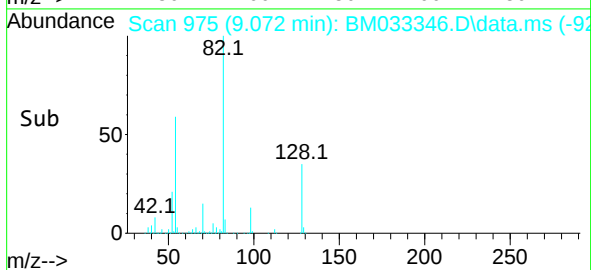
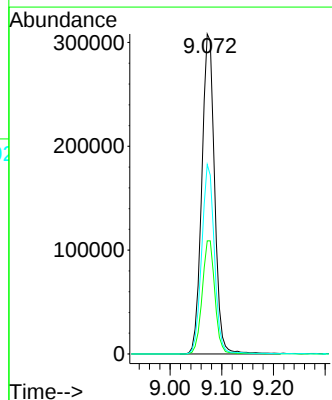
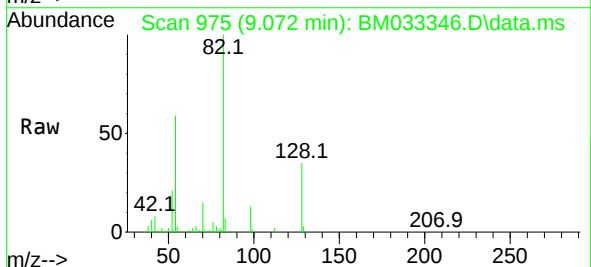
Instrument :
BNA_M
ClientSampleId :
PB141259TB

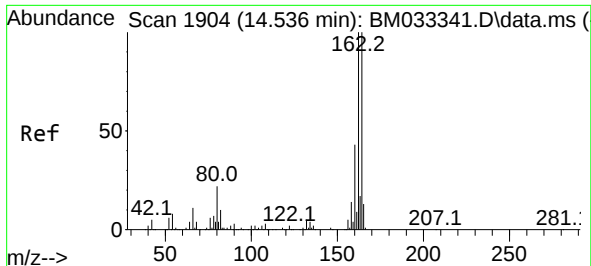
Tgt Ion:	136	Resp:	262182
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	10.4	8.3	12.5
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 86.143 ng
RT: 9.072 min Scan# 975
Delta R.T. 0.006 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

Tgt Ion:	82	Resp:	531910
Ion Ratio	Lower	Upper	
82	100		
128	35.4	28.1	42.1
54	59.2	46.1	69.1

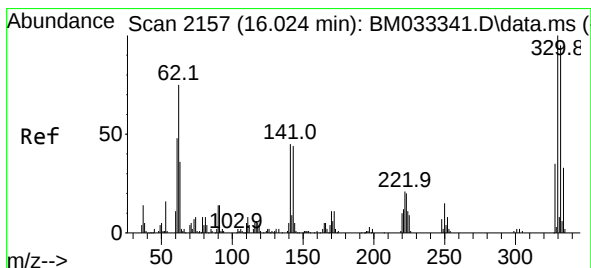
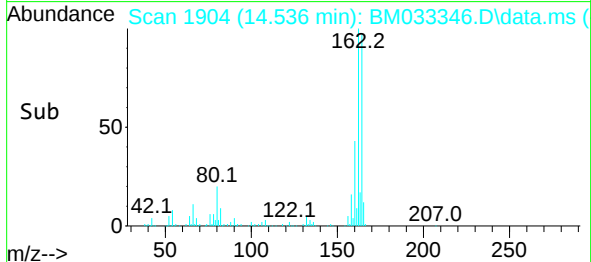
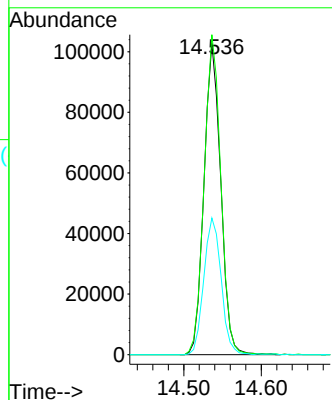
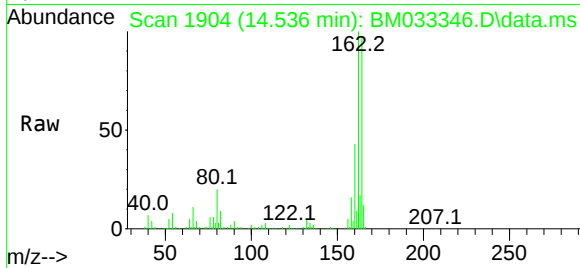




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.536 min Scan# 1904
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

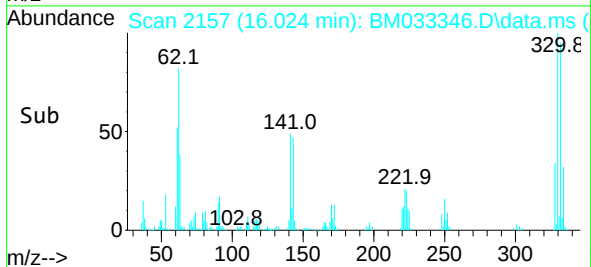
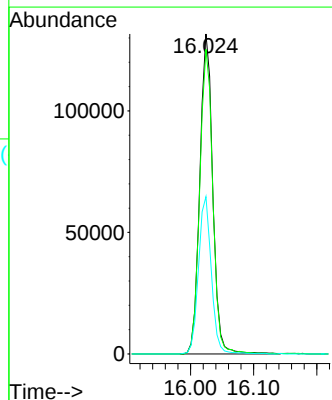
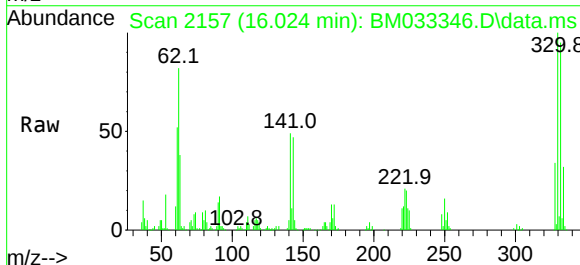
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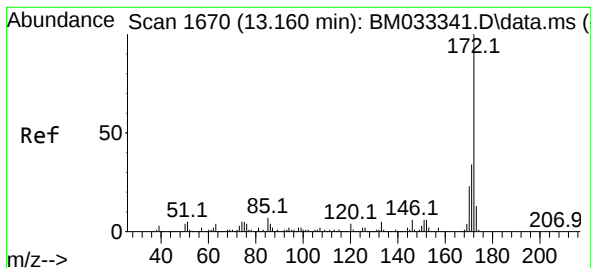
Tgt Ion:164 Resp: 154041
Ion Ratio Lower Upper
164 100
162 102.8 79.7 119.5
160 43.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 113.549 ng
RT: 16.024 min Scan# 2157
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

Tgt Ion:330 Resp: 187108
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 48.7 35.9 53.9

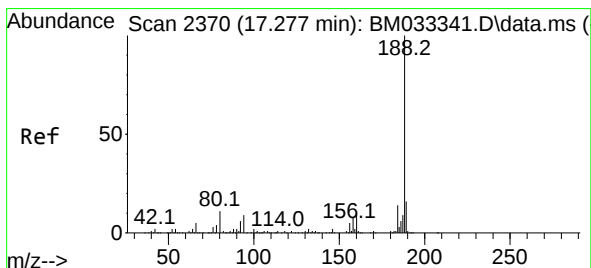
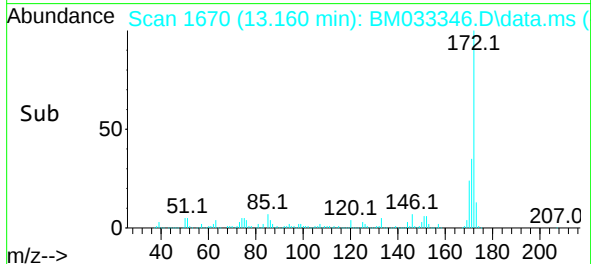
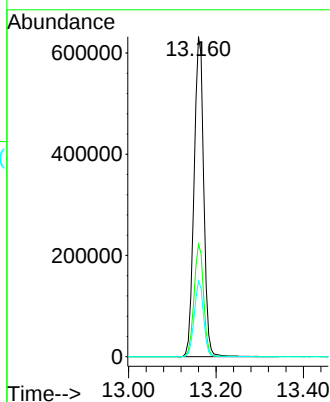
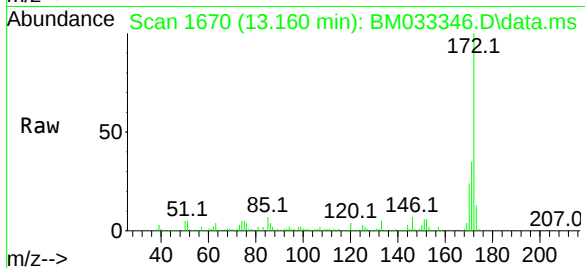




#45
2-Fluorobiphenyl
Concen: 87.411 ng
RT: 13.160 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

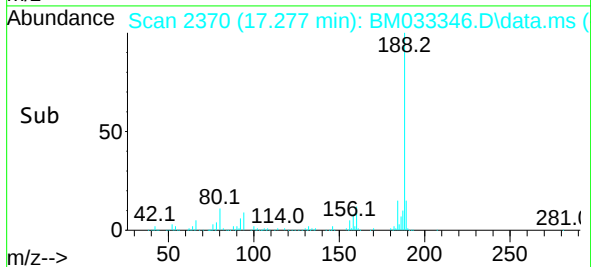
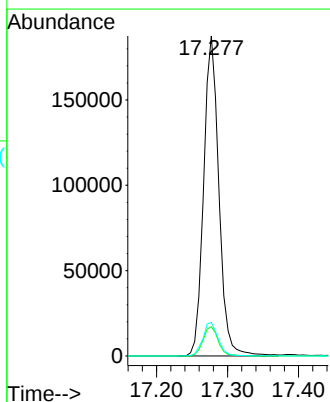
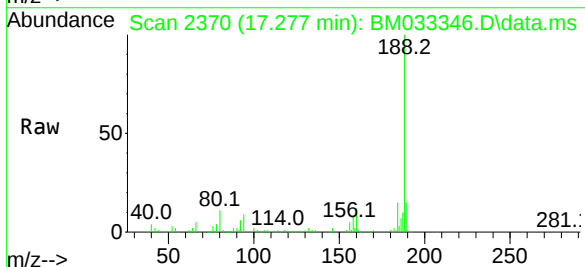
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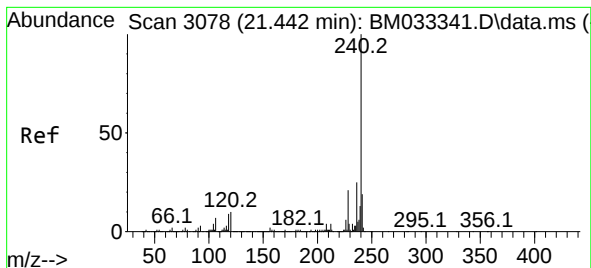
Tgt Ion:172 Resp: 973429
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.277 min Scan# 2370
Delta R.T. 0.012 min
Lab File: BM033346.D
Acq: 08 Dec 2021 16:48

Tgt Ion:188 Resp: 280410
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.5 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.442 min Scan# 3078

Delta R.T. 0.012 min

Lab File: BM033346.D

Acq: 08 Dec 2021 16:48

Instrument :

BNA_M

ClientSampleId :

PB141259TB

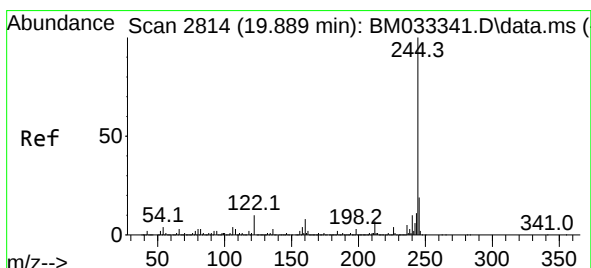
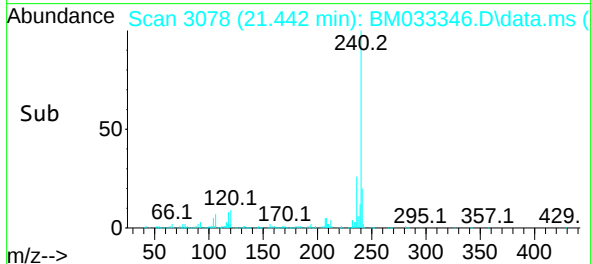
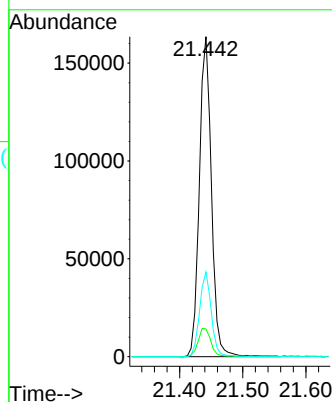
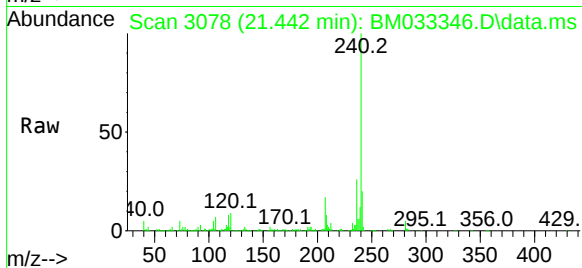
Tgt Ion:240 Resp: 216619

Ion Ratio Lower Upper

240 100

120 8.7 7.8 11.6

236 26.5 20.3 30.5



#79

Terphenyl-d14

Concen: 91.232 ng

RT: 19.889 min Scan# 2814

Delta R.T. 0.012 min

Lab File: BM033346.D

Acq: 08 Dec 2021 16:48

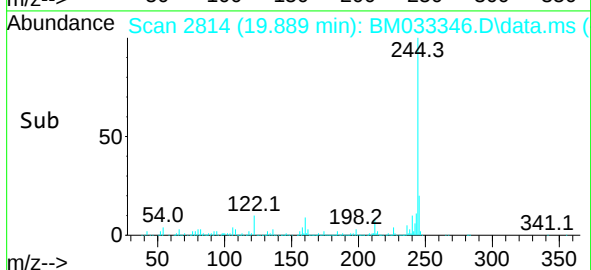
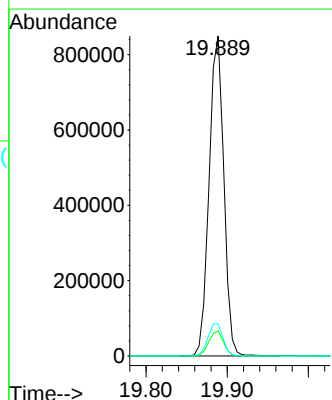
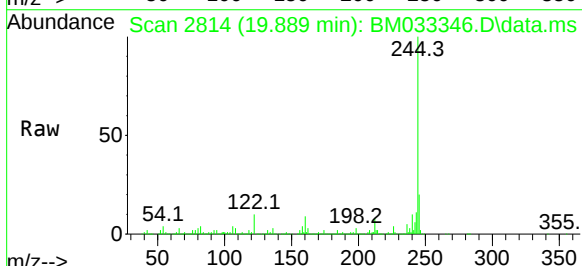
Tgt Ion:244 Resp: 1066704

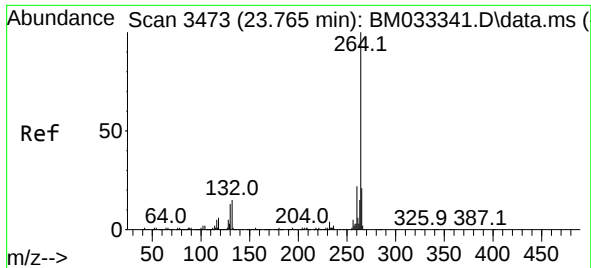
Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 10.1 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.765 min Scan# 34
 Delta R.T. 0.012 min
 Lab File: BM033346.D
 Acq: 08 Dec 2021 16:48

Instrument :
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Tgt Ion:264 Resp: 210416
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.7 26.5
 265 22.0 17.7 26.5

