

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033392.D
 Acq On : 10 Dec 2021 13:30
 Operator : CG/JU
 Sample : PB141250BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141250BL

Quant Time: Dec 11 02:09:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	45804	20.000	ng	0.00
21) Naphthalene-d8	10.701	136	177297	20.000	ng	0.00
39) Acenaphthene-d10	14.530	164	109369	20.000	ng	0.00
64) Phenanthrene-d10	17.271	188	217681	20.000	ng	# 0.00
76) Chrysene-d12	21.436	240	173798	20.000	ng	0.00
86) Perylene-d12	23.753	264	146502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	402243	144.068	ng	0.00
7) Phenol-d6	7.078	99	526428	135.224	ng	-0.01
23) Nitrobenzene-d5	9.066	82	388621	93.070	ng	-0.01
42) 2,4,6-Tribromophenol	16.018	330	143689	122.817	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	725249	91.726	ng	0.00
79) Terphenyl-d14	19.883	244	909283	96.929	ng	0.00

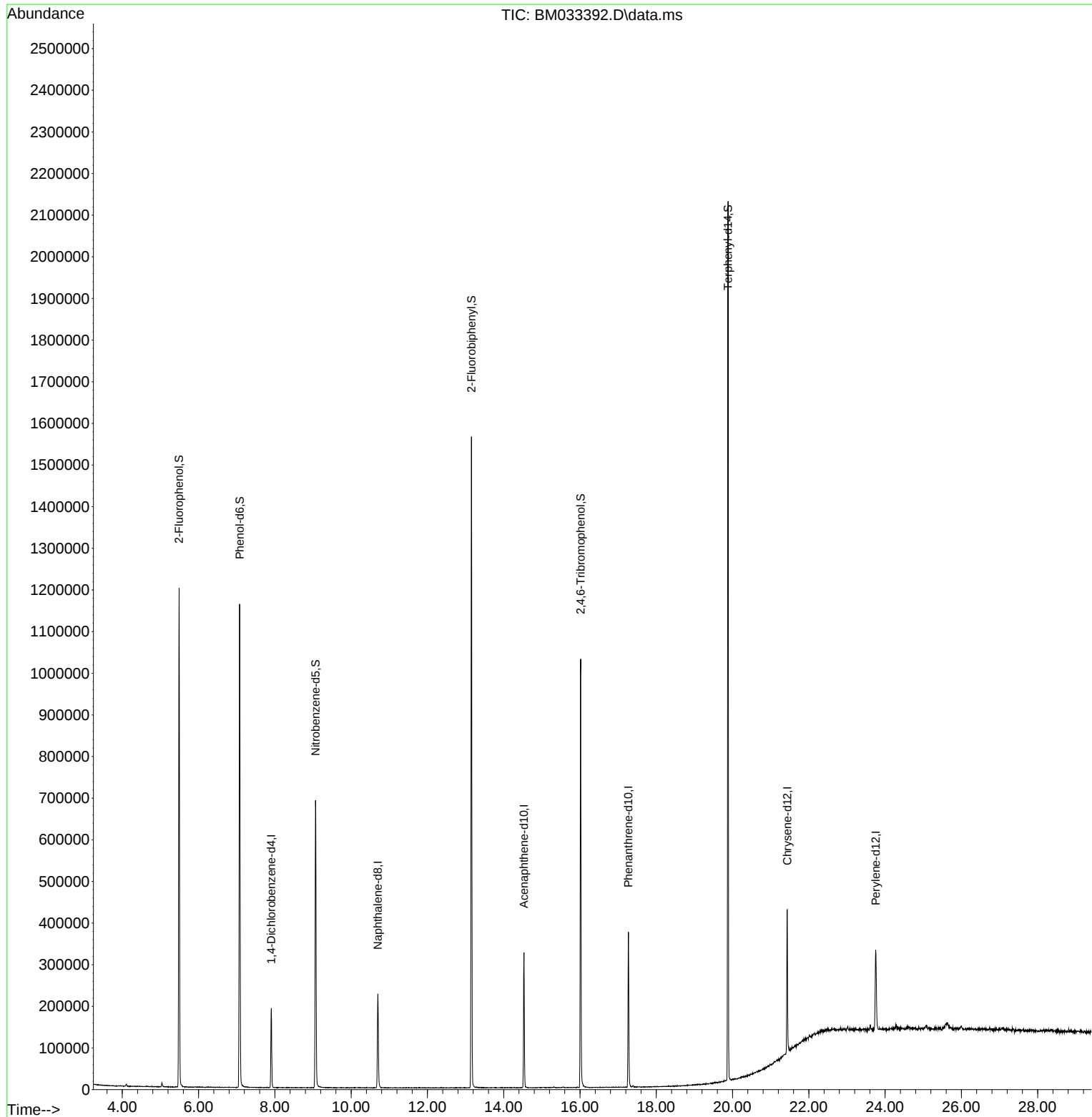
Target Compounds	Qvalue

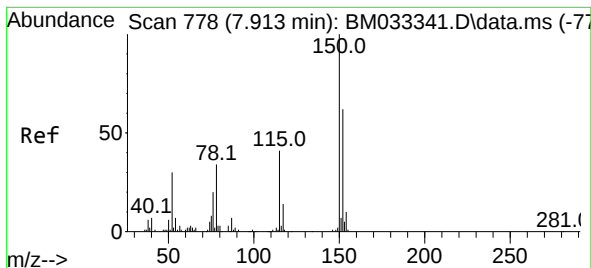
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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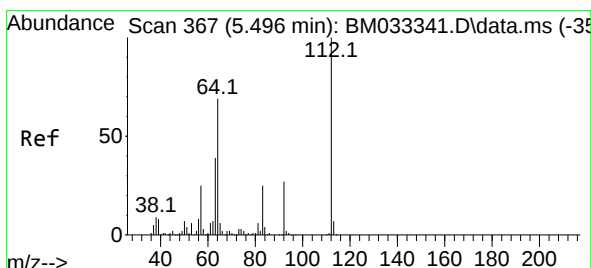
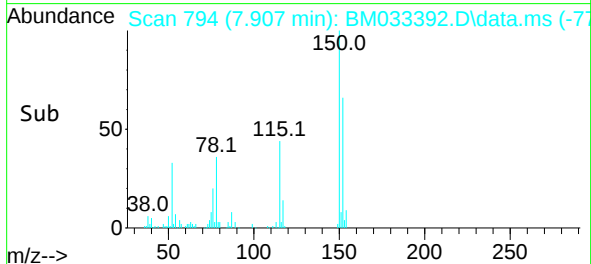
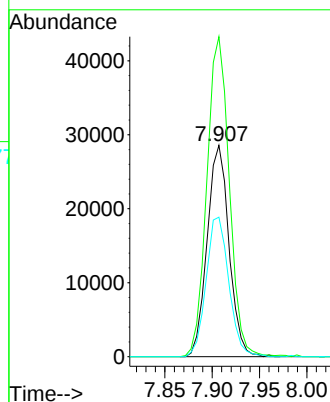
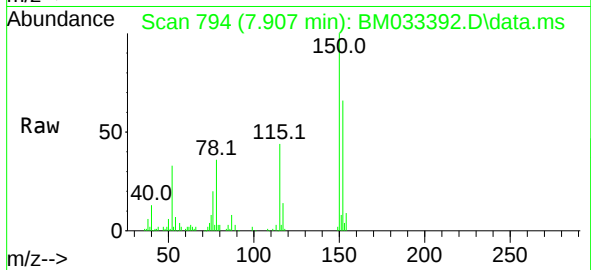




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.907 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

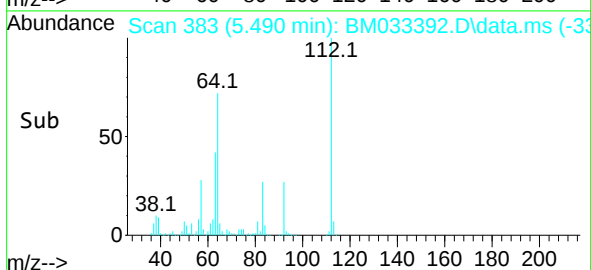
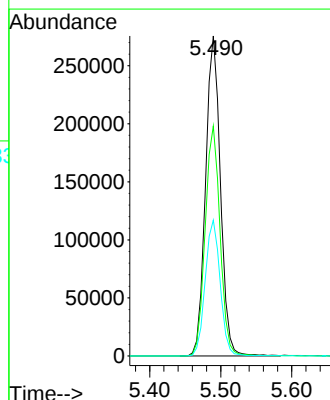
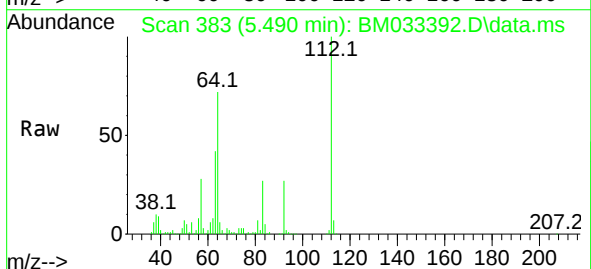
Instrument :
BNA_M
ClientSampleId :
PB141250BL

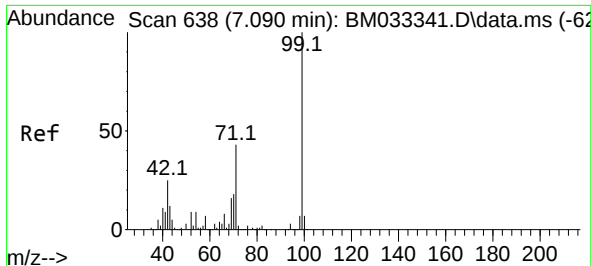
Tgt Ion:152 Resp: 45804
Ion Ratio Lower Upper
152 100
150 151.4 128.9 193.3
115 66.0 53.0 79.6



#5
2-Fluorophenol
Concen: 144.068 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

Tgt Ion:112 Resp: 402243
Ion Ratio Lower Upper
112 100
64 71.8 55.5 83.3
63 42.4 31.3 46.9

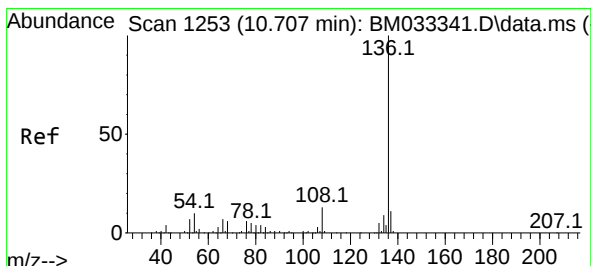
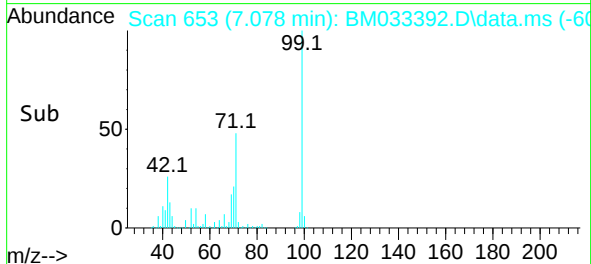
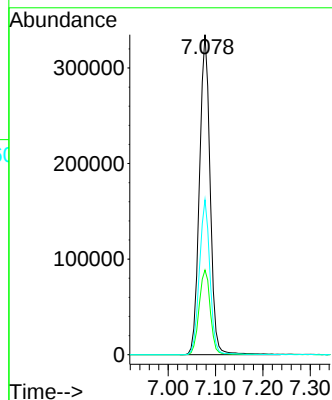
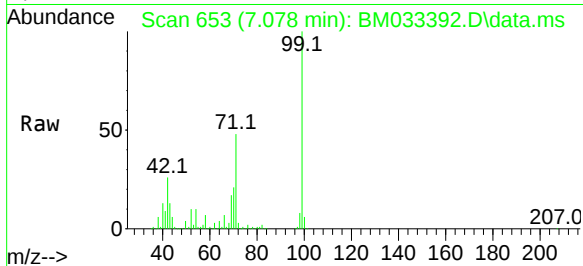




#7
Phenol-d6
Concen: 135.224 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

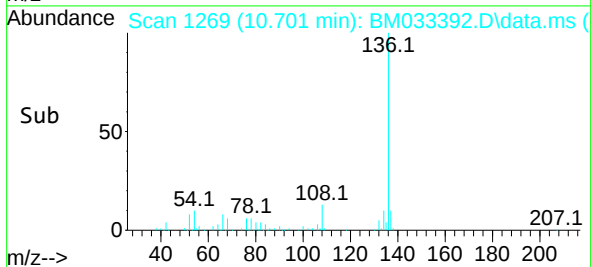
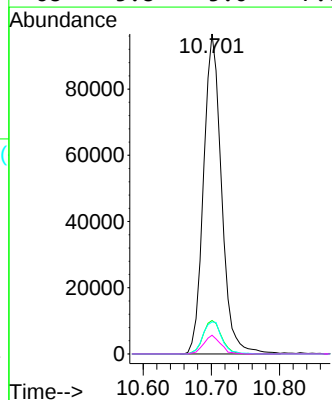
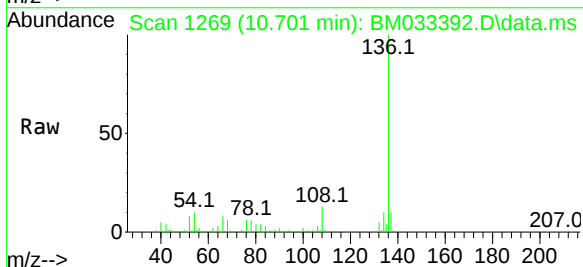
Instrument :
BNA_M
ClientSampleId :
PB141250BL

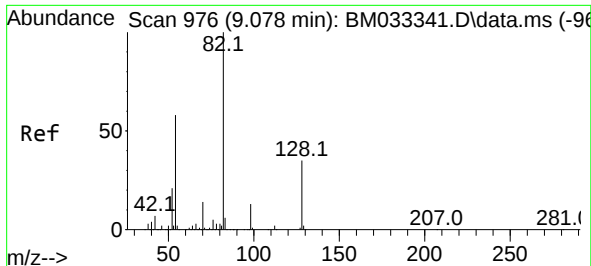
Tgt Ion: 99 Resp: 526428
Ion Ratio Lower Upper
99 100
42 26.5 20.3 30.5
71 48.4 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.701 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

Tgt Ion: 136 Resp: 177297
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.0 8.3 12.5
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.070 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033392.D

Acq: 10 Dec 2021 13:30

Instrument :

BNA_M

ClientSampleId :

PB141250BL

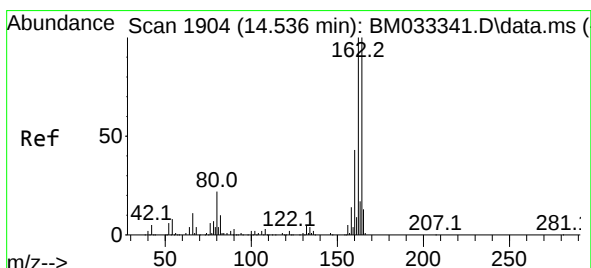
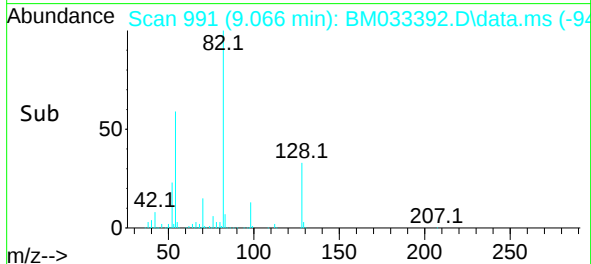
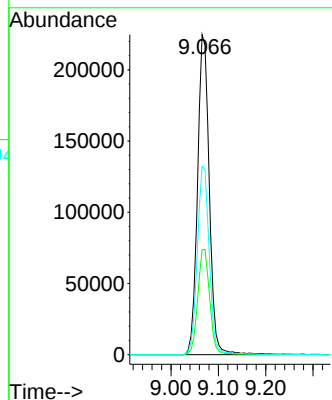
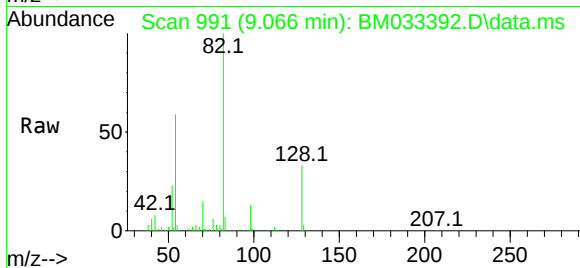
Tgt Ion: 82 Resp: 388621

Ion Ratio Lower Upper

82 100

128 32.8 28.1 42.1

54 58.8 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BM033392.D

Acq: 10 Dec 2021 13:30

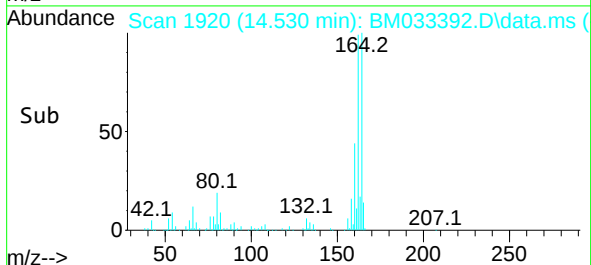
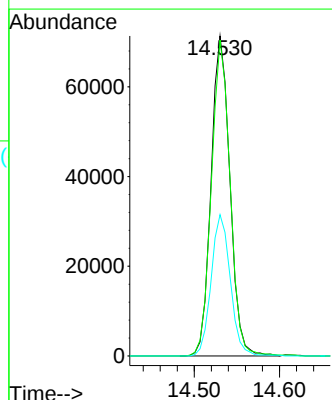
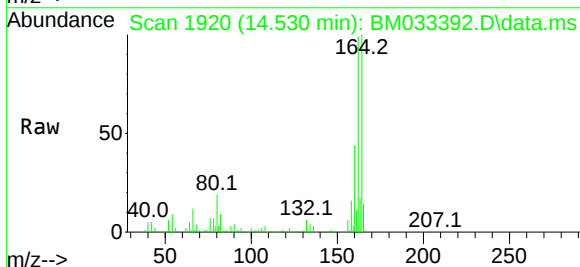
Tgt Ion: 164 Resp: 109369

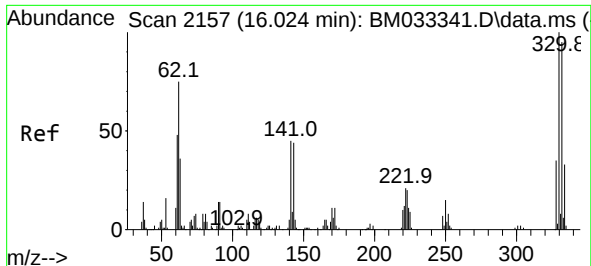
Ion Ratio Lower Upper

164 100

162 98.7 79.7 119.5

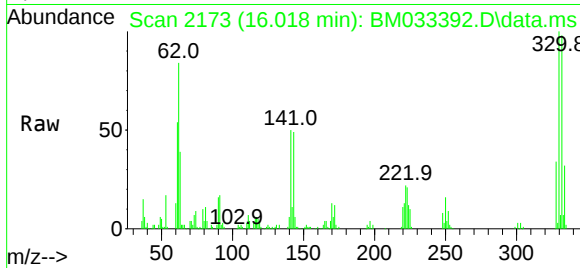
160 44.2 34.2 51.4



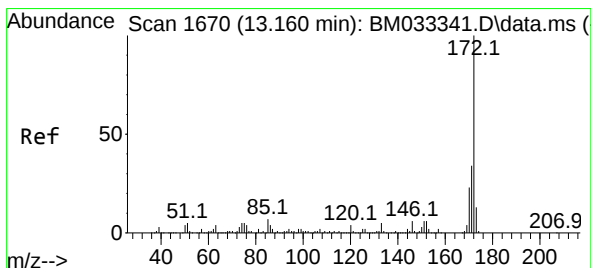
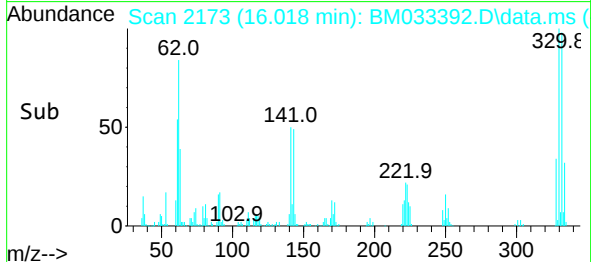
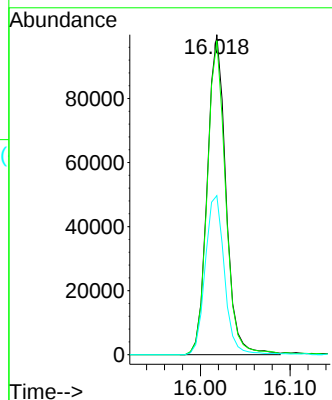


#42
2,4,6-Tribromophenol
Concen: 122.817 ng
RT: 16.018 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

Instrument :
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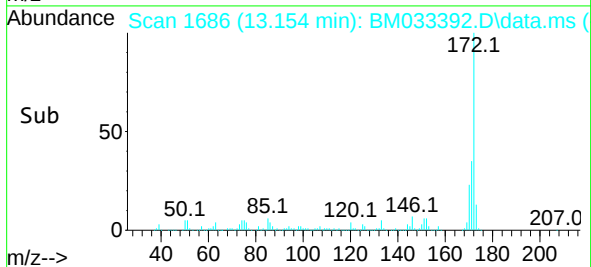
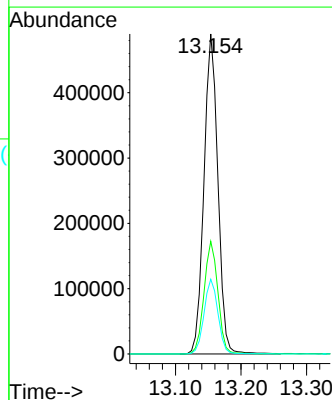
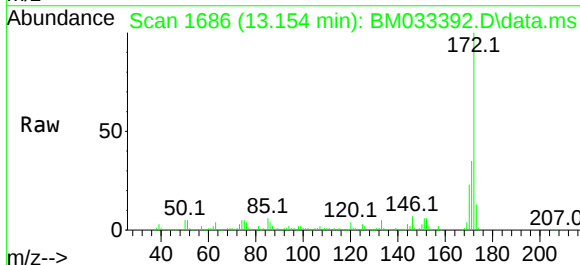


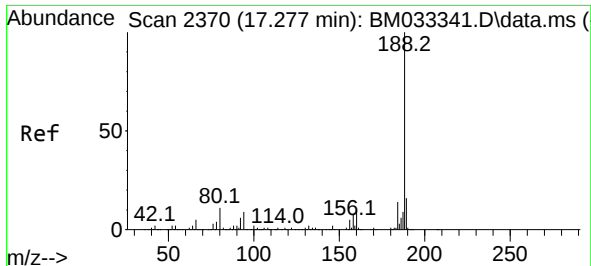
Tgt Ion:330 Resp: 143689
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 51.7 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 91.726 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

Tgt Ion:172 Resp: 725249
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.7 28.1

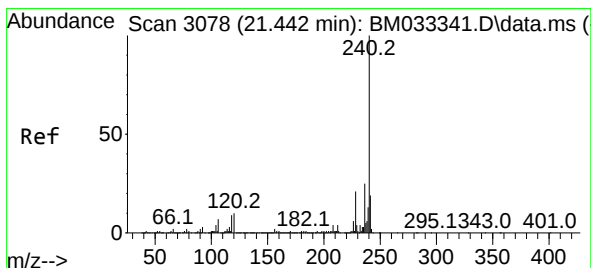
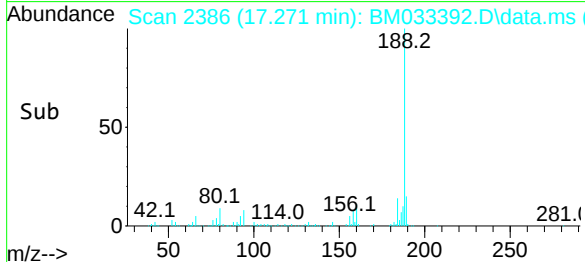
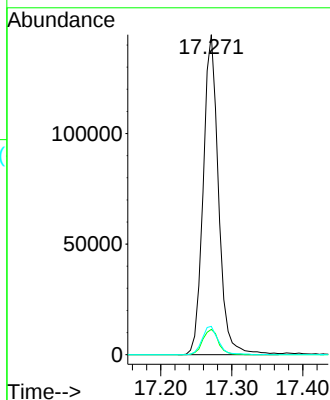
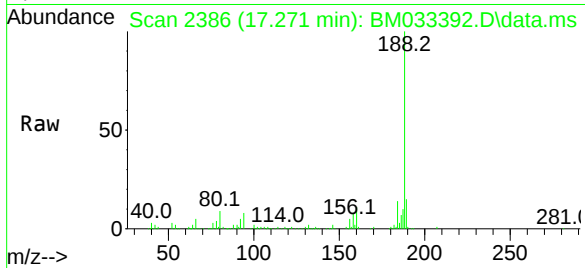




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.271 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

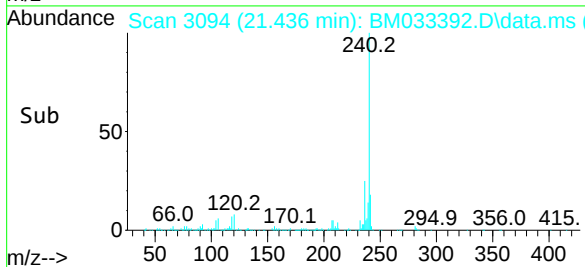
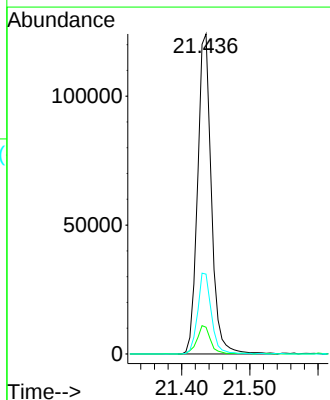
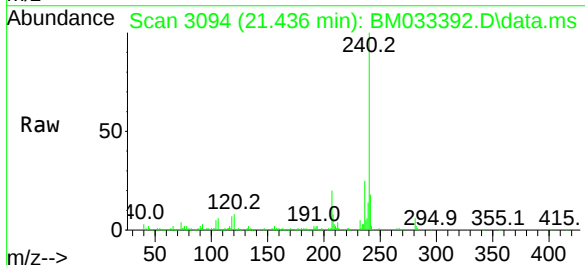
Instrument :
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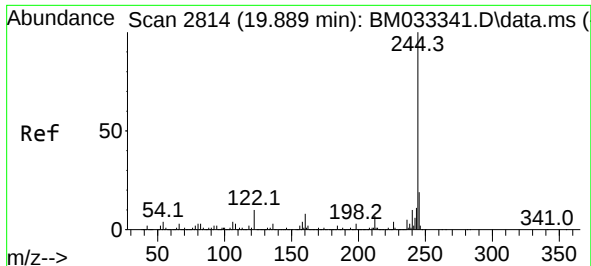
Tgt Ion:188 Resp: 217681
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.436 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BM033392.D
Acq: 10 Dec 2021 13:30

Tgt Ion:240 Resp: 173798
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 25.0 20.3 30.5

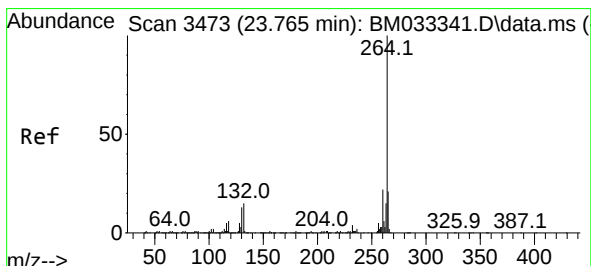
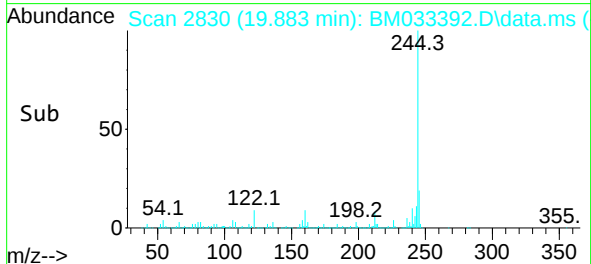
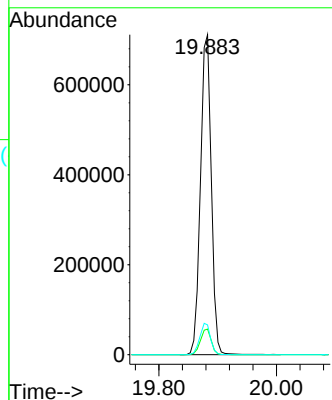
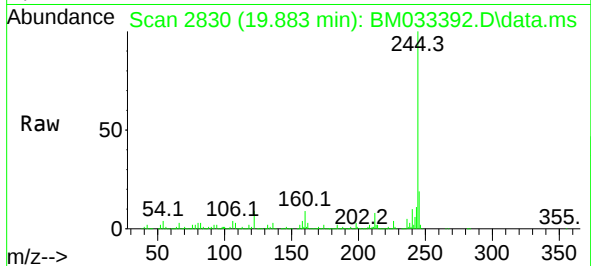




#79
 Terphenyl-d14
 Concen: 96.929 ng
 RT: 19.883 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033392.D
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Tgt Ion:244 Resp: 909283
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.753 min Scan# 3488
 Delta R.T. -0.012 min
 Lab File: BM033392.D
 Acq: 10 Dec 2021 13:30

Tgt Ion:264 Resp: 146502
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.7 26.5
 265 22.2 17.7 26.5

