

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033409.D
 Acq On : 11 Dec 2021 00:02
 Operator : CG/JU
 Sample : M4927-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PH1-BOT-13

Quant Time: Dec 11 02:17:18 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	7.901	152	73670	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	373048	20.000	ng	-0.01
39) Acenaphthene-d10	14.530	164	225160	20.000	ng	# 0.00
64) Phenanthrene-d10	17.265	188	461789	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	401785	20.000	ng	-0.01
86) Perylene-d12	23.747	264	355806	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	163431	36.394	ng	0.00
7) Phenol-d6	7.078	99	474043	75.708	ng	-0.01
23) Nitrobenzene-d5	9.066	82	628833	71.574	ng	-0.01
42) 2,4,6-Tribromophenol	16.019	330	227430	94.425	ng	0.00
45) 2-Fluorobiphenyl	13.154	172	1333708	81.935	ng	0.00
79) Terphenyl-d14	19.877	244	1798565	82.934	ng	-0.01

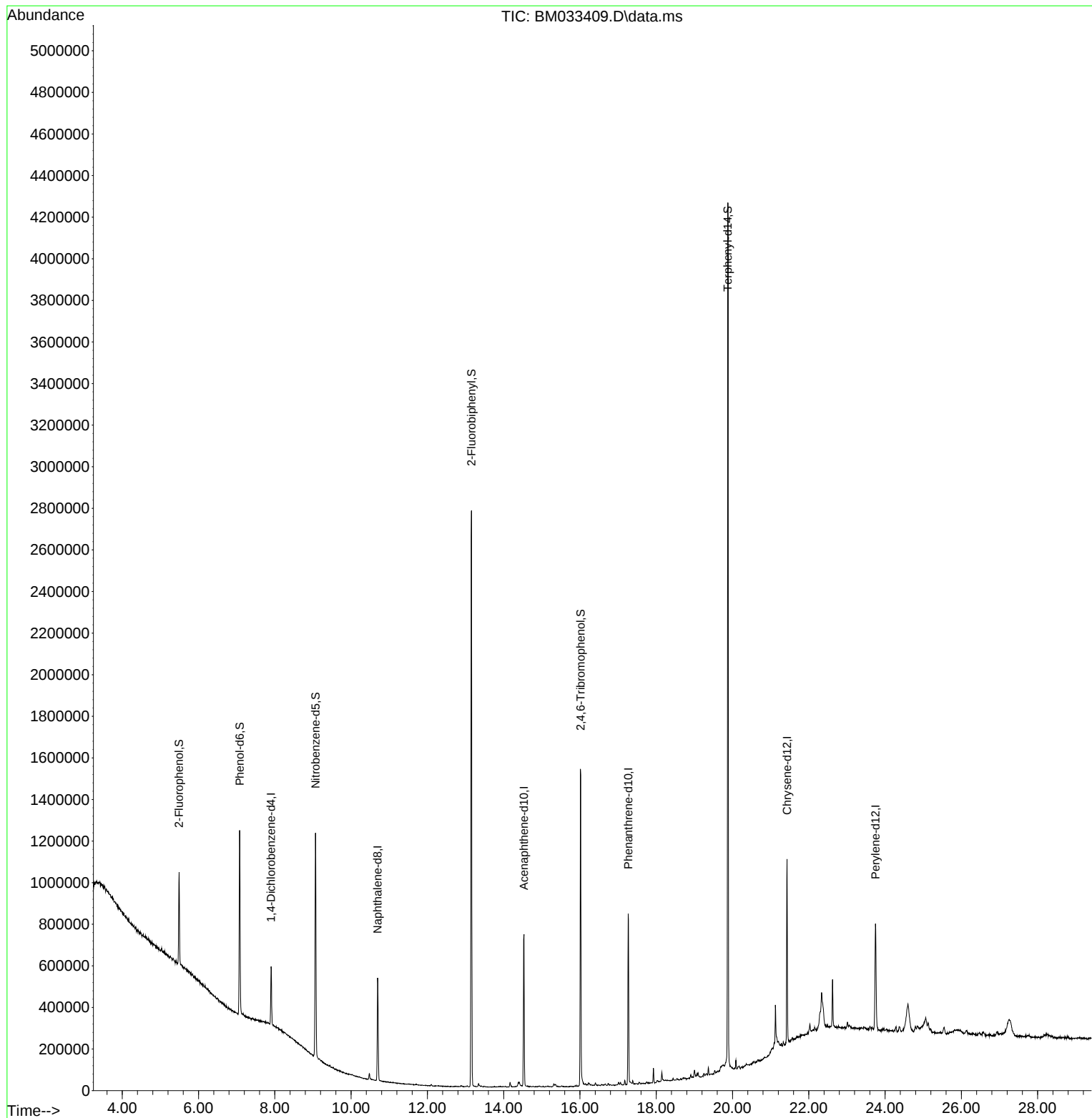
Target Compounds	Qvalue

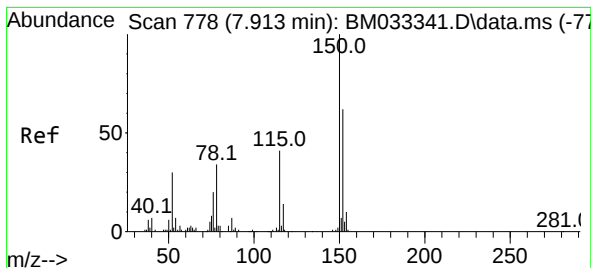
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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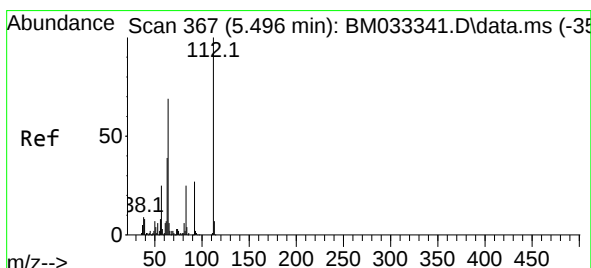
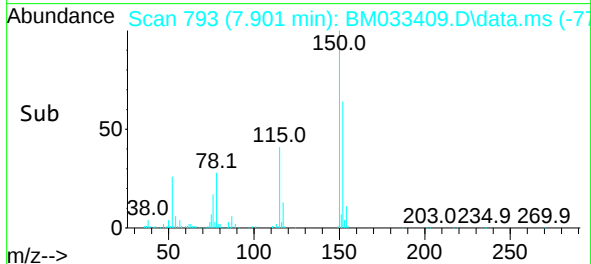
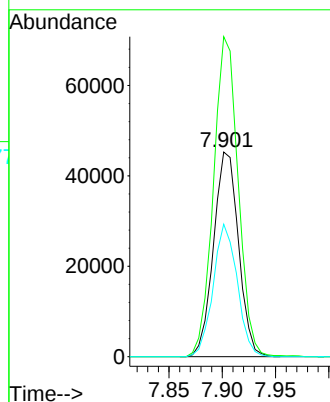
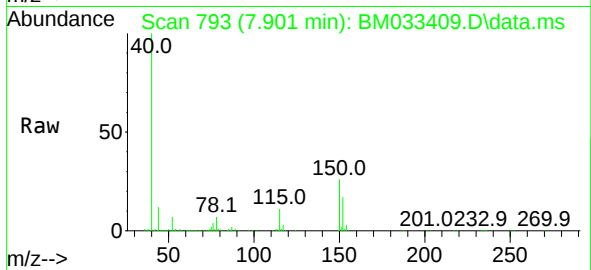




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.901 min Scan# 79
Delta R.T. -0.012 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

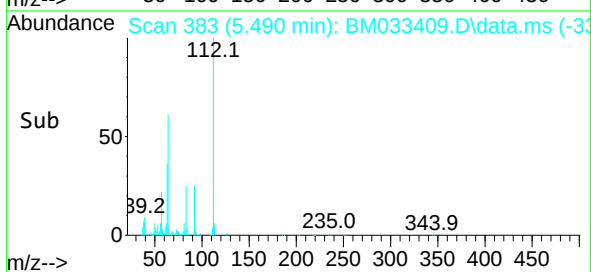
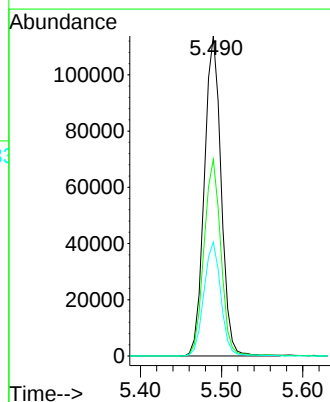
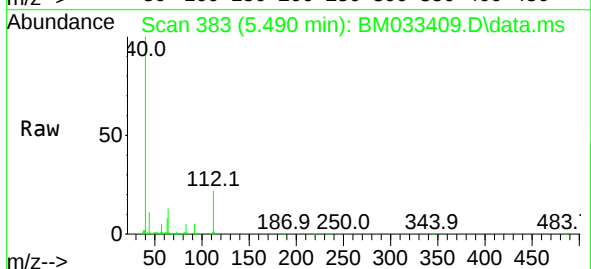
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-13

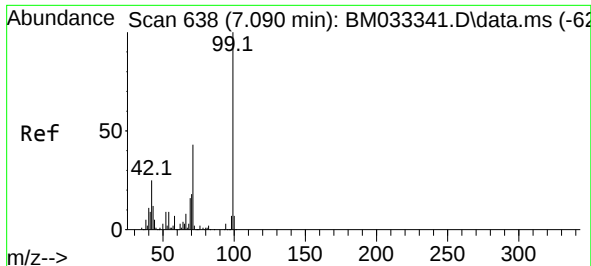
Tgt Ion:152 Resp: 73670
Ion Ratio Lower Upper
152 100
150 156.4 128.9 193.3
115 64.8 53.0 79.6



#5
2-Fluorophenol
Concen: 36.394 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

Tgt Ion:112 Resp: 163431
Ion Ratio Lower Upper
112 100
64 61.4 55.5 83.3
63 35.5 31.3 46.9

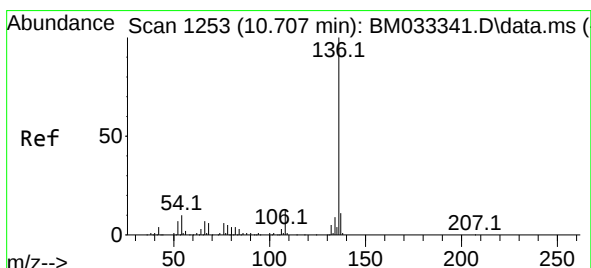
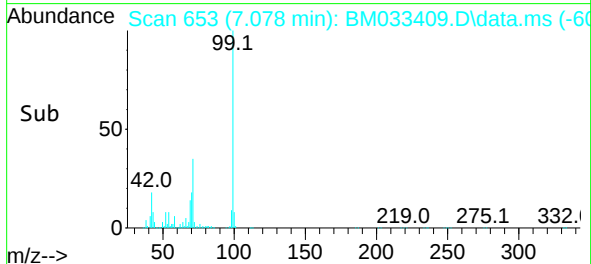
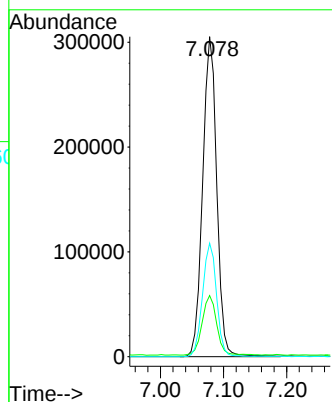
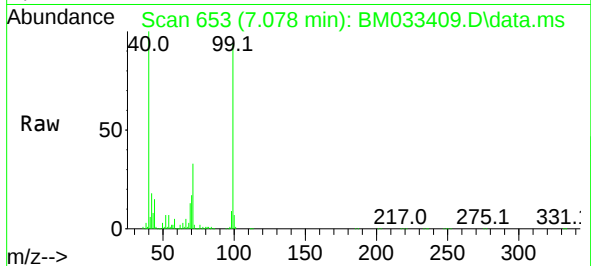




#7
Phenol-d6
Concen: 75.708 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

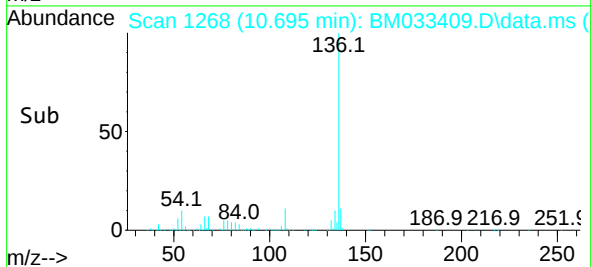
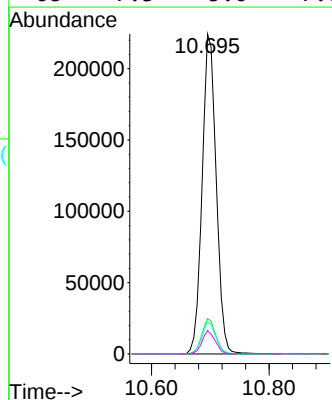
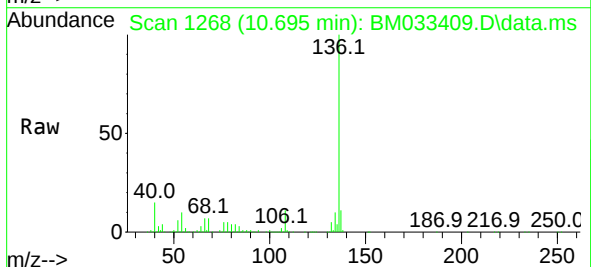
Instrument :
BNA_M
ClientSampleId :
PH1-BOT-13

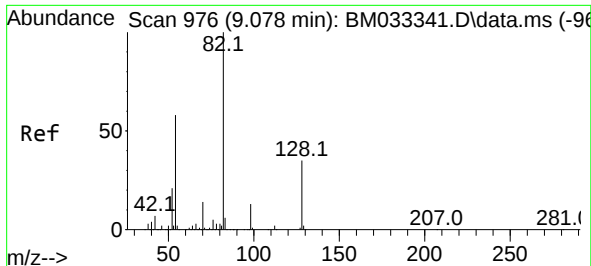
Tgt Ion: 99 Resp: 474043
Ion Ratio Lower Upper
99 100
42 19.1 20.3 30.5#
71 35.5 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

Tgt Ion: 136 Resp: 373048
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 10.1 8.3 12.5
68 7.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 71.574 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033409.D

Acq: 11 Dec 2021 00:02

Instrument :

BNA_M

ClientSampleId :

PH1-BOT-13

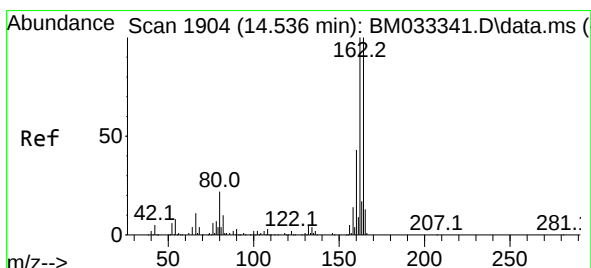
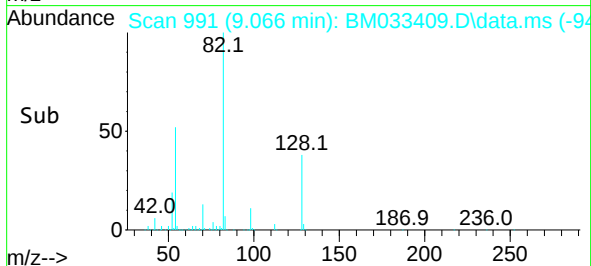
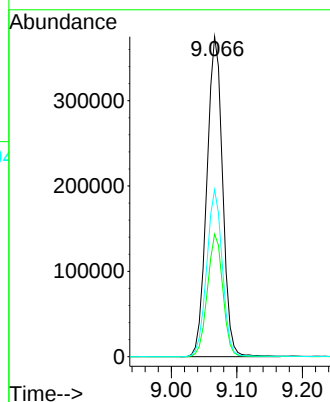
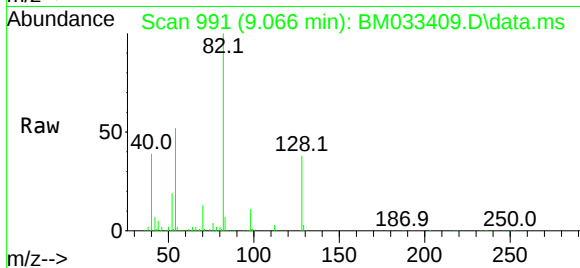
Tgt Ion: 82 Resp: 628833

Ion Ratio Lower Upper

82 100

128 38.3 28.1 42.1

54 52.2 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: BM033409.D

Acq: 11 Dec 2021 00:02

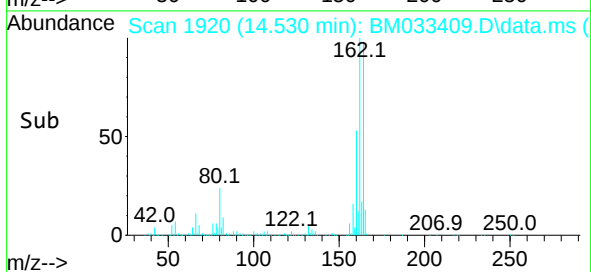
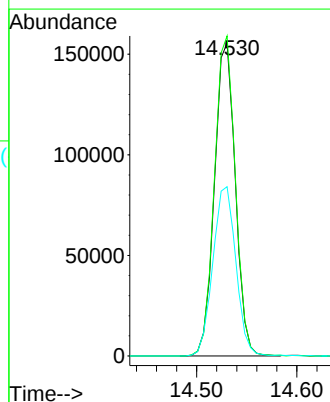
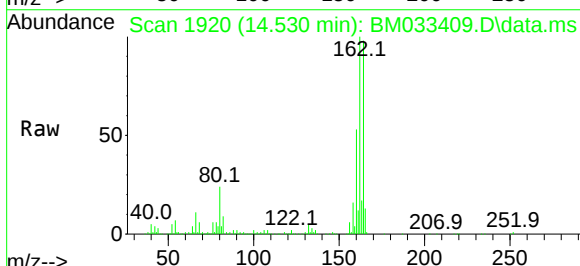
Tgt Ion:164 Resp: 225160

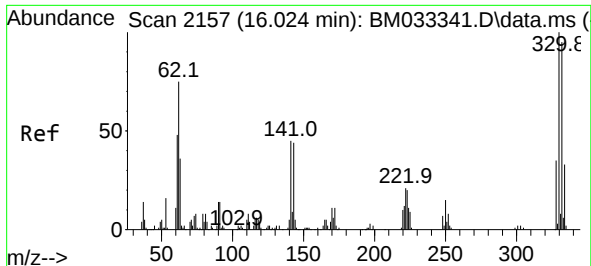
Ion Ratio Lower Upper

164 100

162 102.3 79.7 119.5

160 54.1 34.2 51.4#

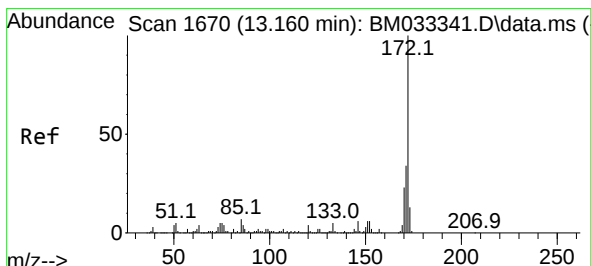
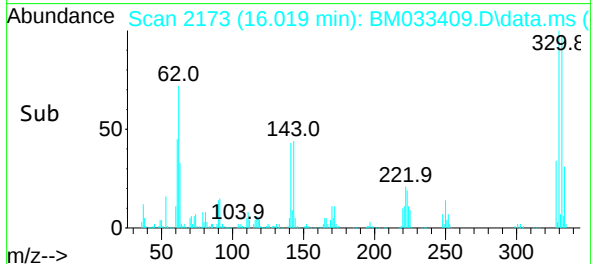
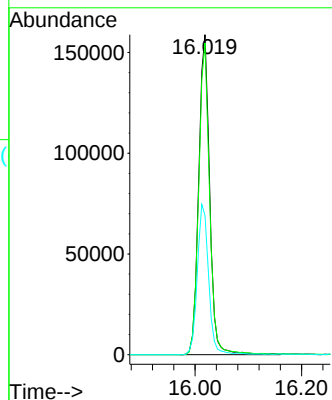
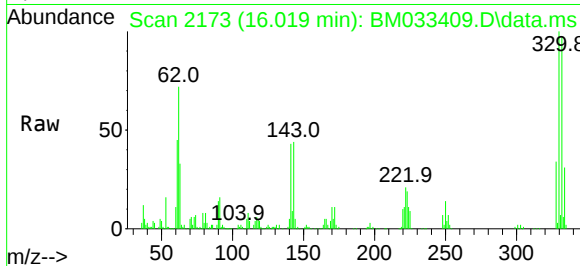




#42
2,4,6-Tribromophenol
Concen: 94.425 ng
RT: 16.019 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

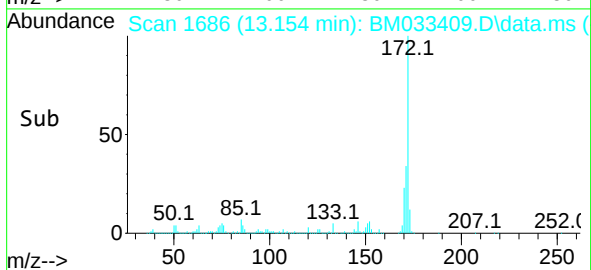
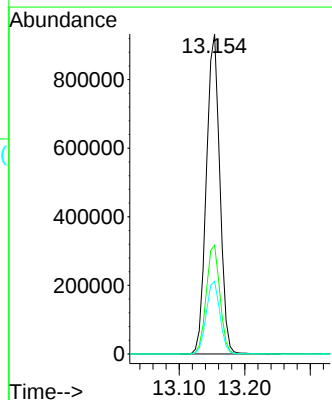
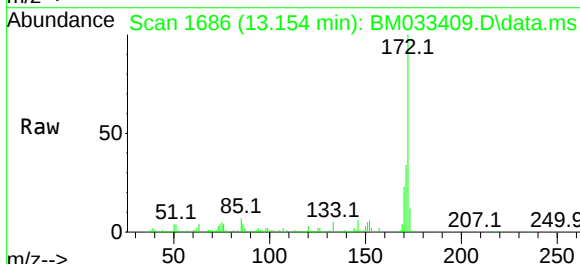
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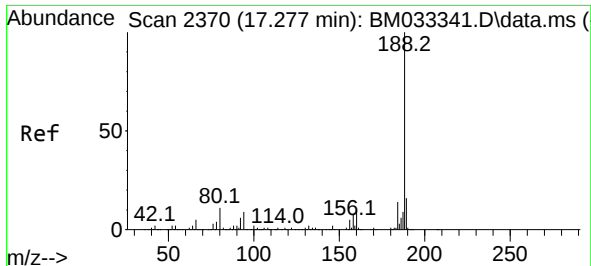
Tgt Ion:330 Resp: 227430
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 47.8 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 81.935 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

Tgt Ion:172 Resp: 1333708
Ion Ratio Lower Upper
172 100
171 34.0 27.2 40.8
170 22.7 18.7 28.1

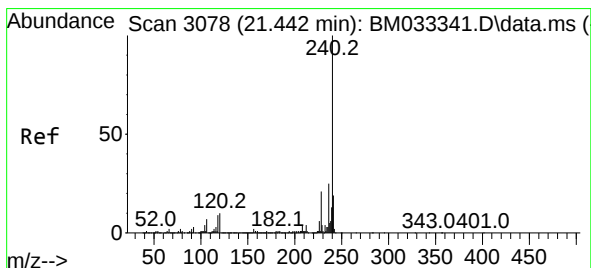
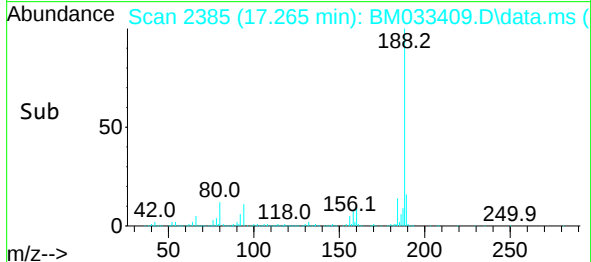
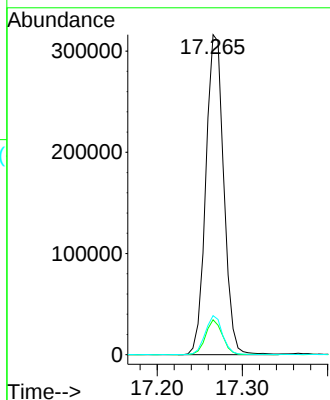
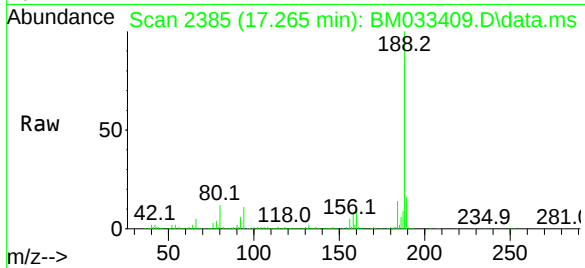




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

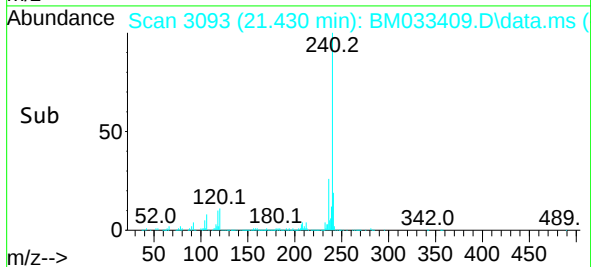
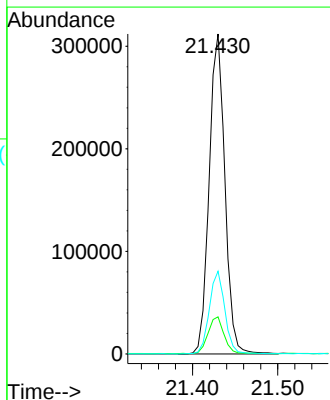
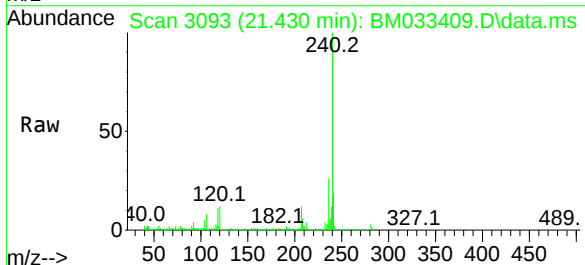
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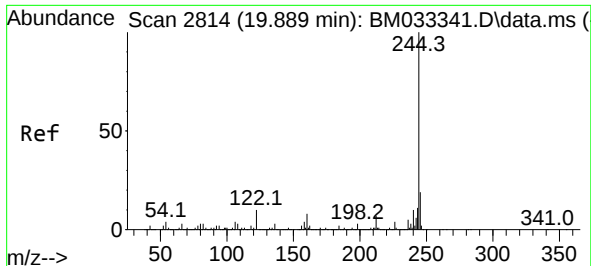
Tgt Ion:188 Resp: 461789
Ion Ratio Lower Upper
188 100
94 10.9 7.5 11.3
80 12.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM033409.D
Acq: 11 Dec 2021 00:02

Tgt Ion:240 Resp: 401785
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 25.8 20.3 30.5

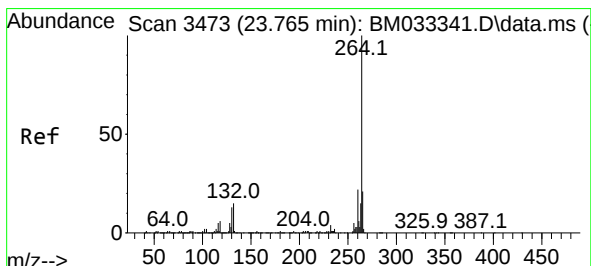
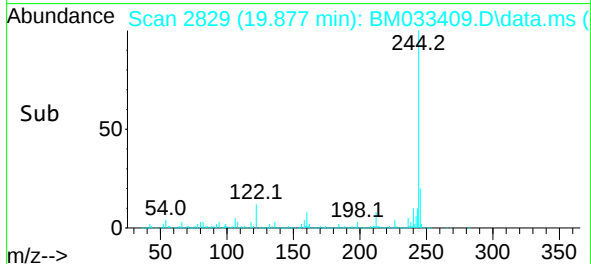
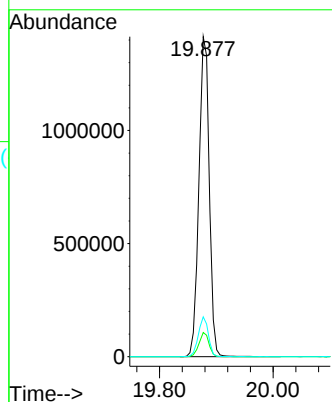
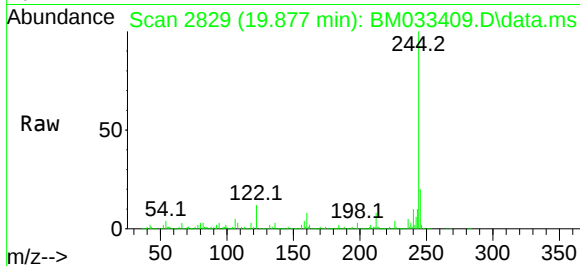




#79
 Terphenyl-d14
 Concen: 82.934 ng
 RT: 19.877 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033409.D
 Acq: 11 Dec 2021 00:02

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Tgt Ion:244 Resp: 1798565
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 12.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033409.D
 Acq: 11 Dec 2021 00:02

Tgt Ion:264 Resp: 355806
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.7 26.5
 265 22.0 17.7 26.5

