

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032884.D
 Acq On : 04 Nov 2021 20:36
 Operator : CG/JU
 Sample : M4475-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP01

Quant Time: Nov 07 08:52:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

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

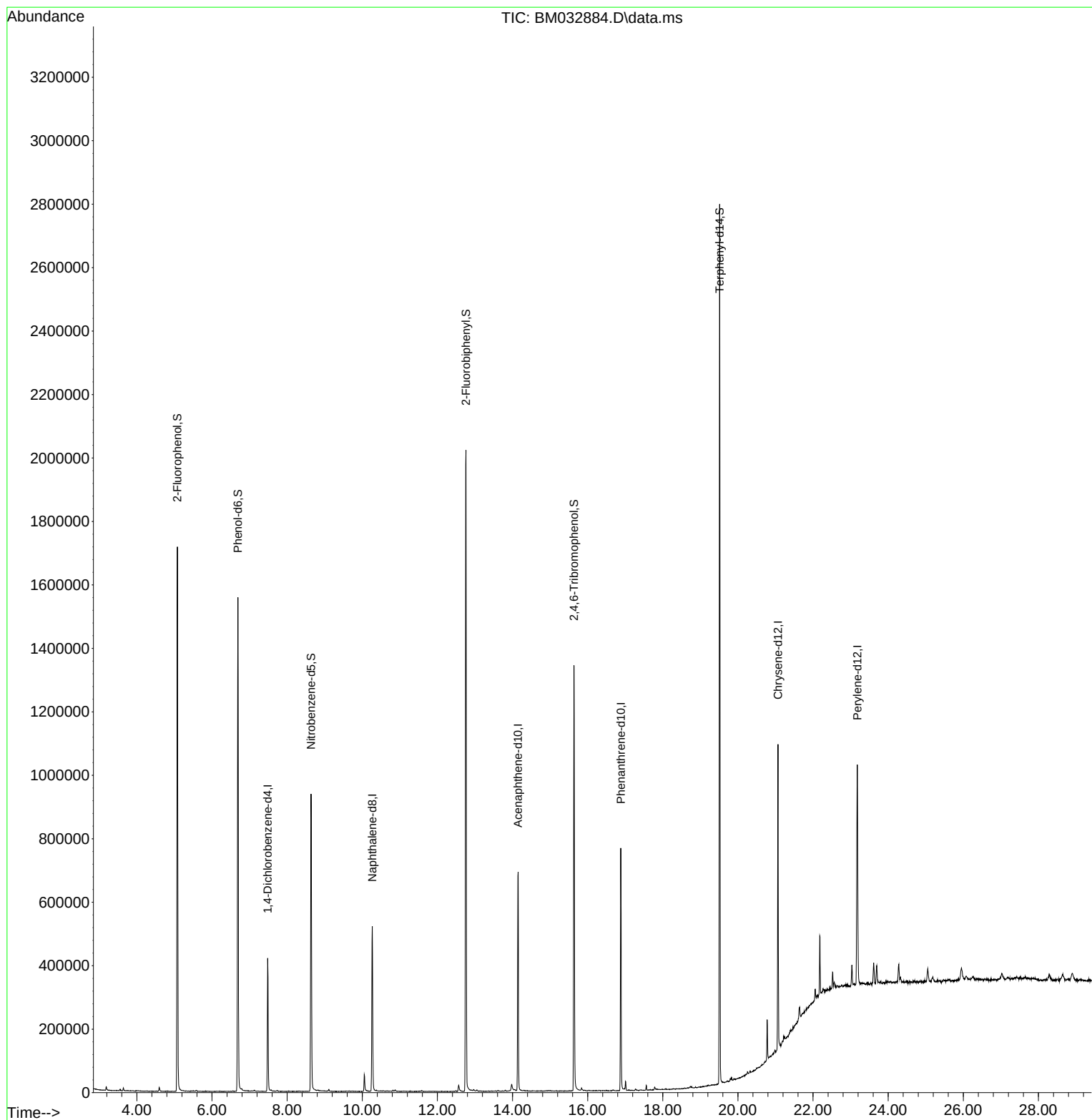
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	109439	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	416242	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	234337	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	445930	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	424563	20.000	ng	-0.01
86) Perylene-d12	23.177	264	446076	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	683718	108.918	ng	0.00
7) Phenol-d6	6.690	99	829815	88.767	ng	0.00
23) Nitrobenzene-d5	8.637	82	512076	67.334	ng	-0.01
42) 2,4,6-Tribromophenol	15.636	330	210938	80.375	ng	-0.01
45) 2-Fluorobiphenyl	12.760	172	1048255	69.380	ng	0.00
79) Terphenyl-d14	19.512	244	1183161	60.843	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.861	88	57	Below Cal	#	Qvalue 1

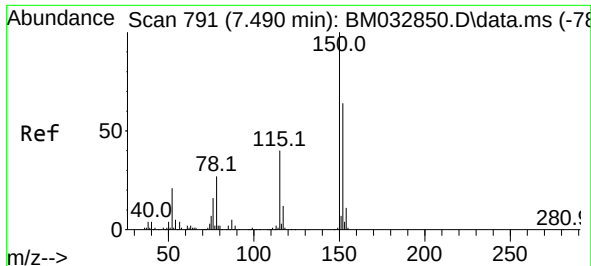
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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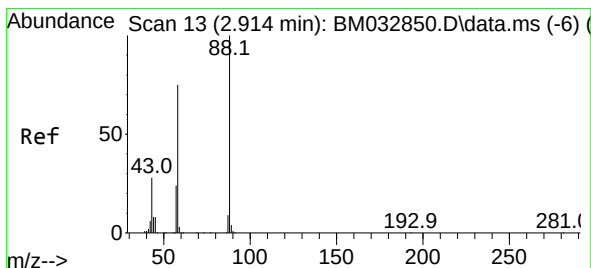
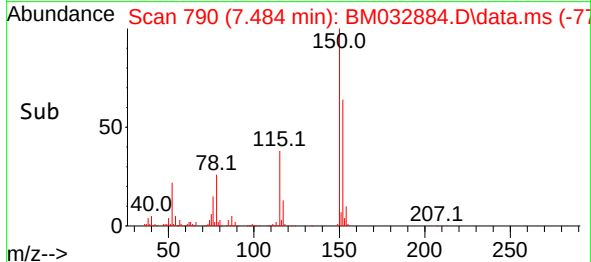
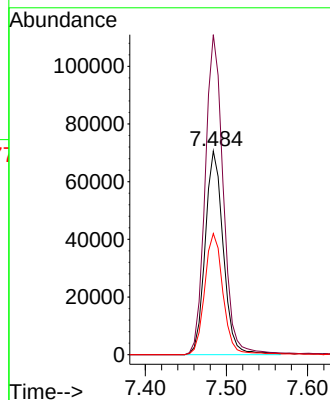
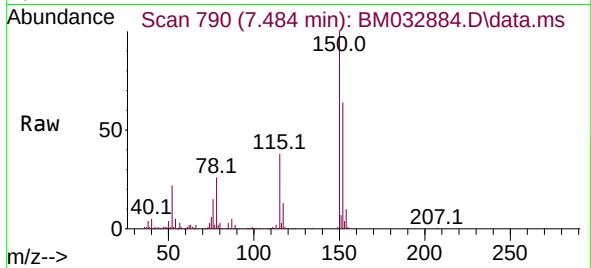




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

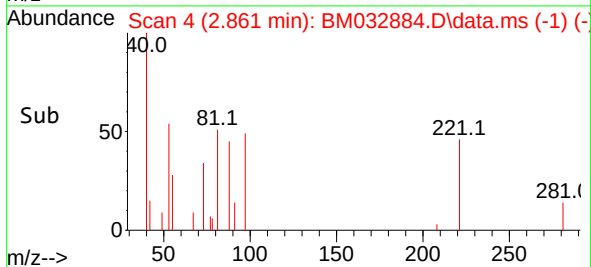
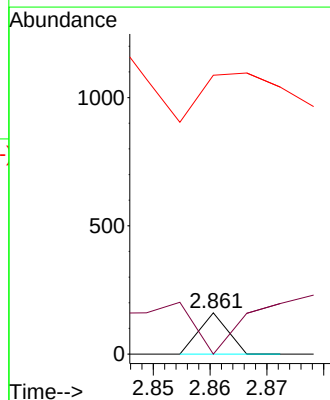
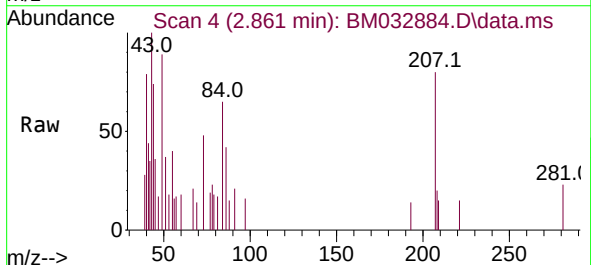
Instrument :
BNA_M
ClientSampleId :
DUP01

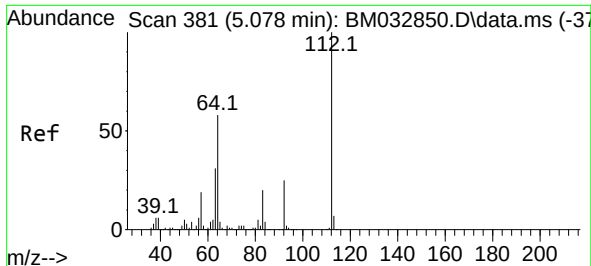
Tgt Ion:152 Resp: 109439
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 59.4 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.861 min Scan# 4
Delta R.T. -0.053 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
58 573.7 50.4 75.6#
43 457.9 22.2 33.2#

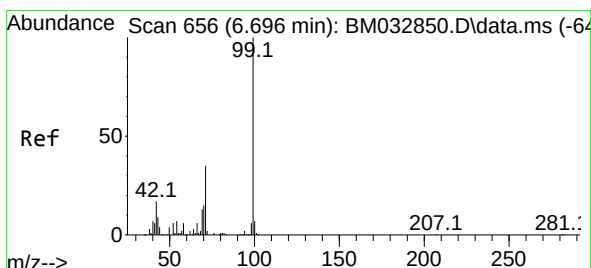
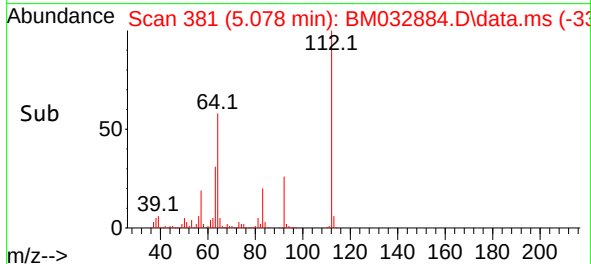
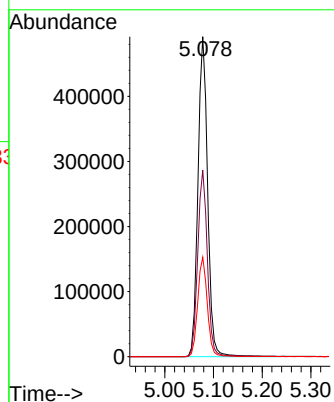
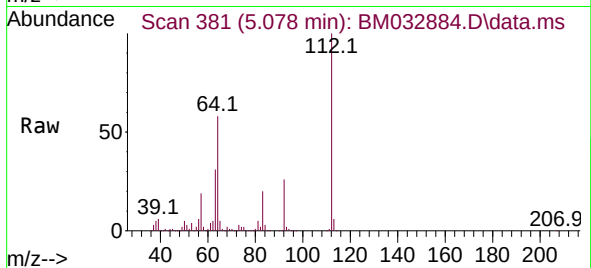




#5
2-Fluorophenol
Concen: 108.918 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

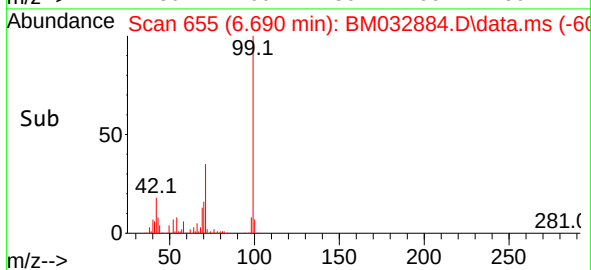
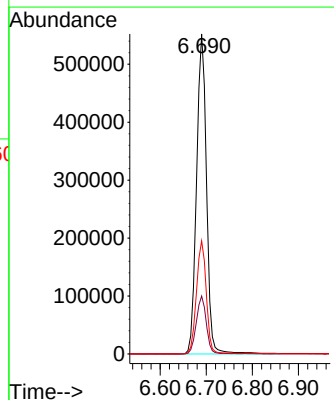
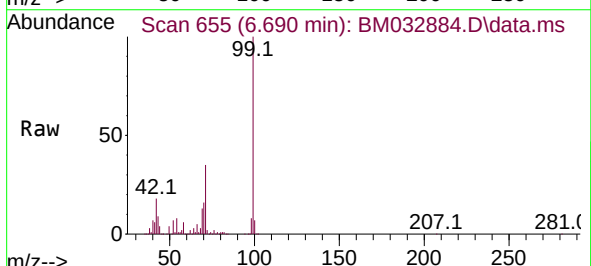
Instrument :
BNA_M
ClientSampleId :
DUP01

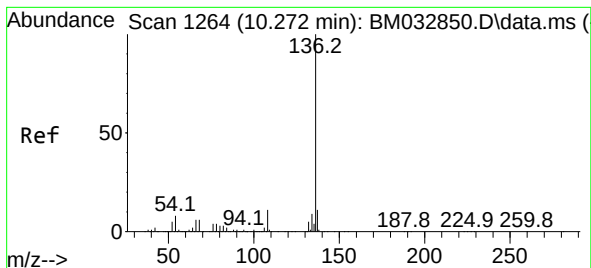
Tgt Ion:112 Resp: 683718
Ion Ratio Lower Upper
112 100
64 58.3 53.7 80.5
63 31.1 33.9 50.9#



#7
Phenol-d6
Concen: 88.767 ng
RT: 6.690 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Tgt Ion: 99 Resp: 829815
Ion Ratio Lower Upper
99 100
42 18.1 23.0 34.6#
71 35.4 37.8 56.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.266 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM032884.D

Acq: 04 Nov 2021 20:36

Instrument :

BNA_M

ClientSampleId :

DUP01

Tgt Ion:136 Resp: 416242

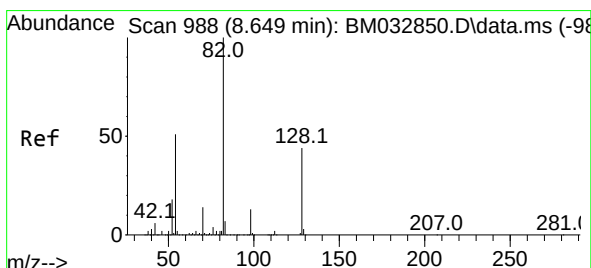
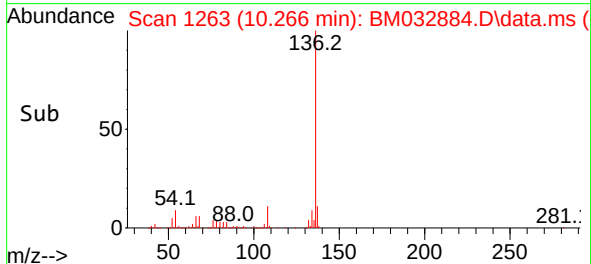
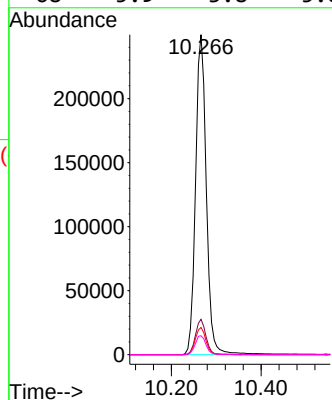
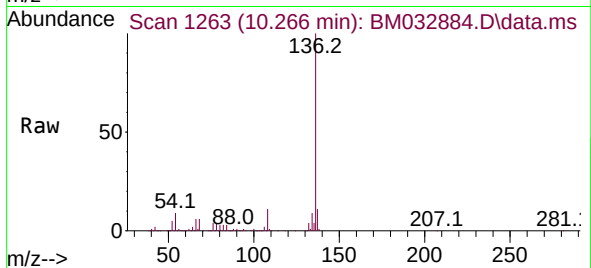
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.5 7.4 11.0

68 5.9 3.8 5.8#



#23

Nitrobenzene-d5

Concen: 67.334 ng

RT: 8.637 min Scan# 986

Delta R.T. -0.012 min

Lab File: BM032884.D

Acq: 04 Nov 2021 20:36

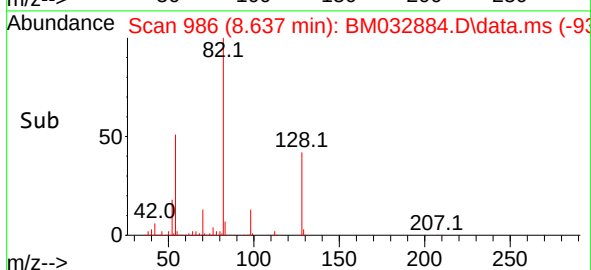
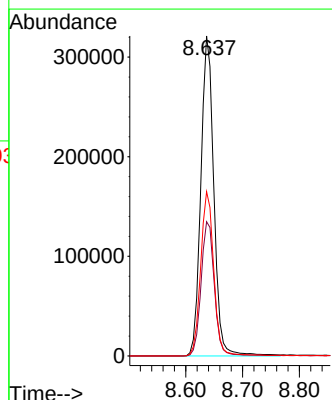
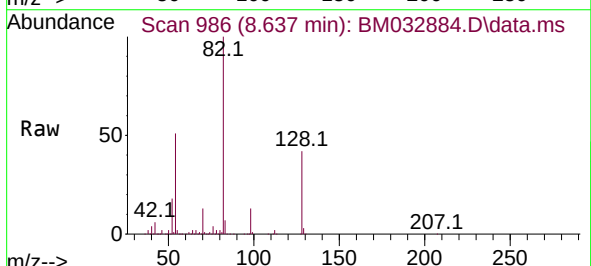
Tgt Ion: 82 Resp: 512076

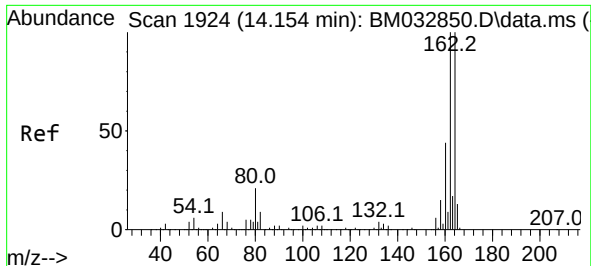
Ion Ratio Lower Upper

82 100

128 41.9 29.0 43.6

54 51.3 45.8 68.8

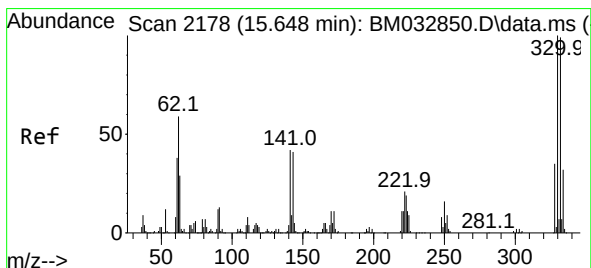
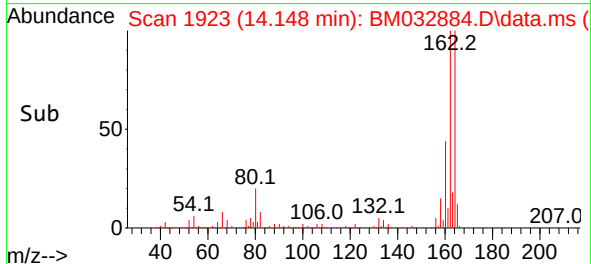
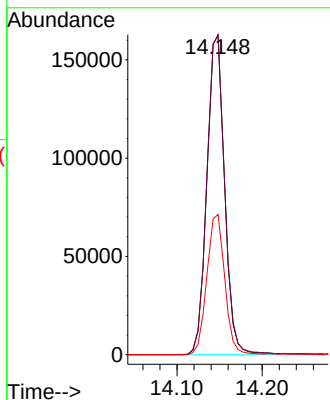
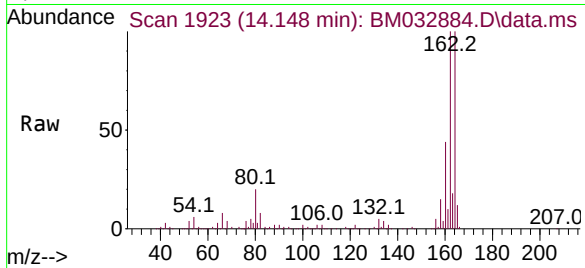




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

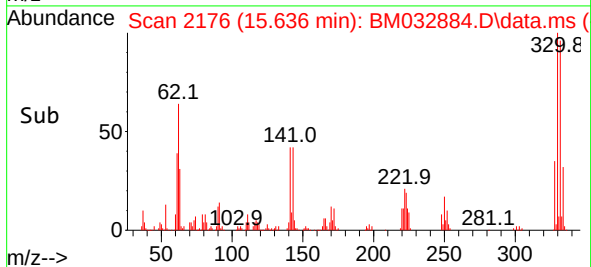
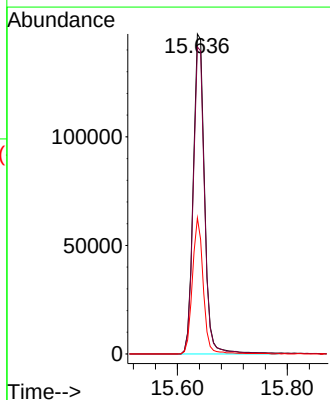
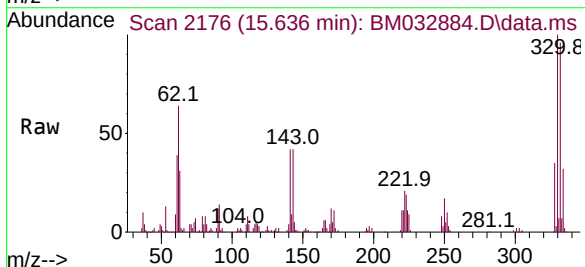
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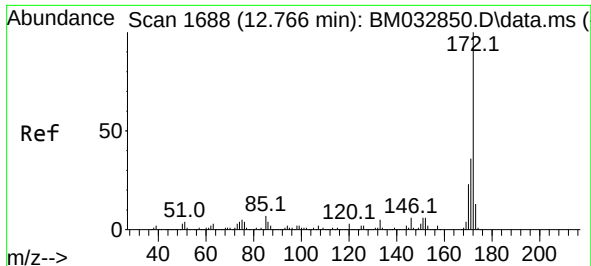
Tgt Ion:164 Resp: 234337
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 43.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 80.375 ng
RT: 15.636 min Scan# 2176
Delta R.T. -0.012 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Tgt Ion:330 Resp: 210938
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 40.5 50.7 76.1#

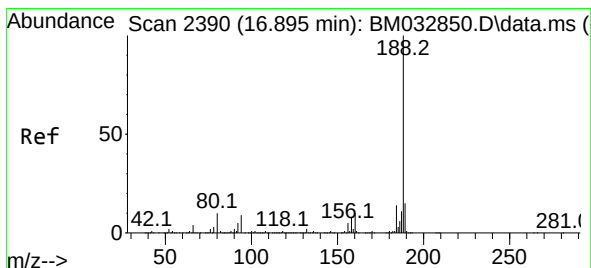
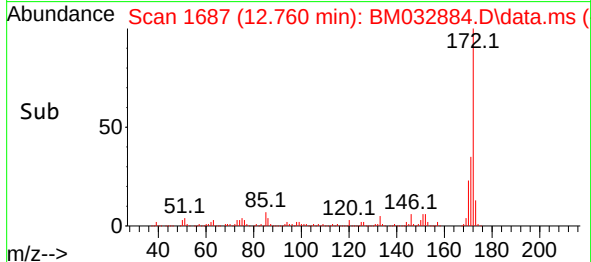
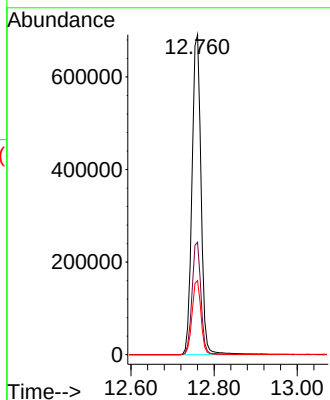
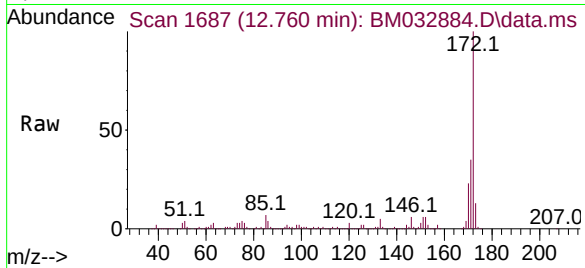




#45
2-Fluorobiphenyl
Concen: 69.380 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

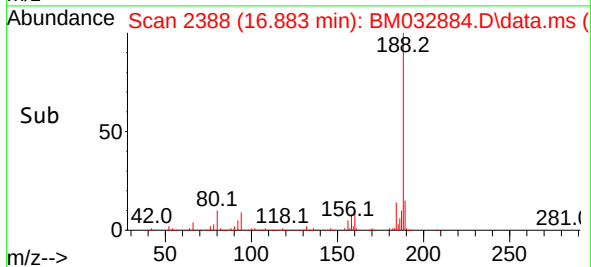
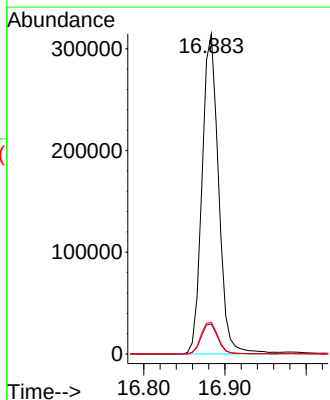
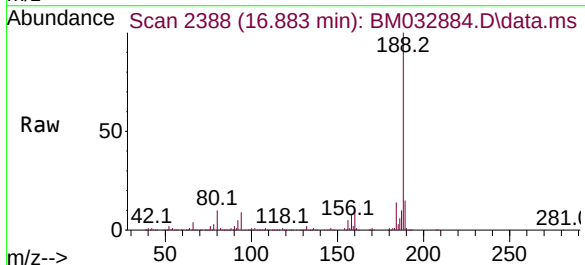
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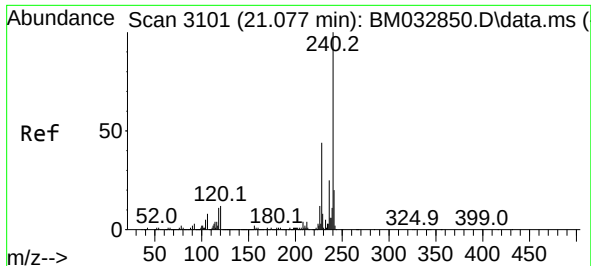
Tgt Ion:172 Resp: 1048255
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Tgt Ion:188 Resp: 445930
Ion Ratio Lower Upper
188 100
94 9.3 6.3 9.5
80 9.9 7.3 10.9

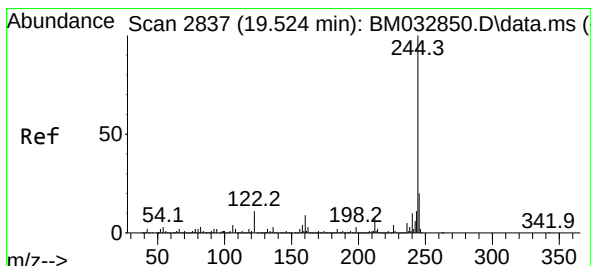
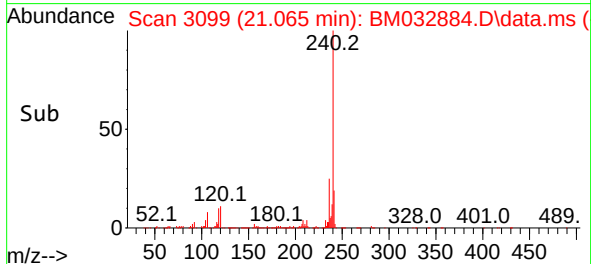
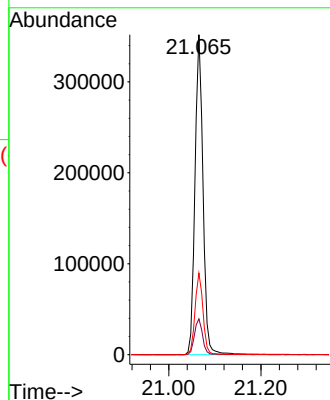
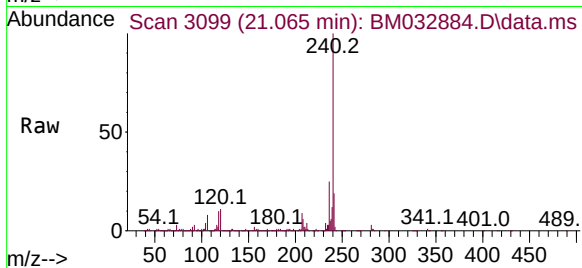




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

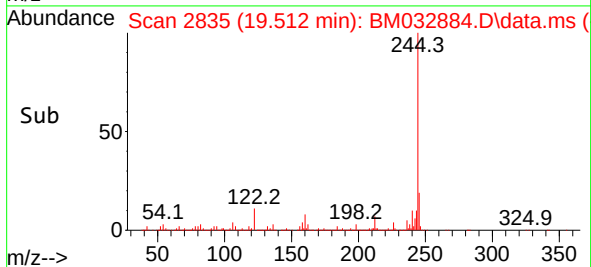
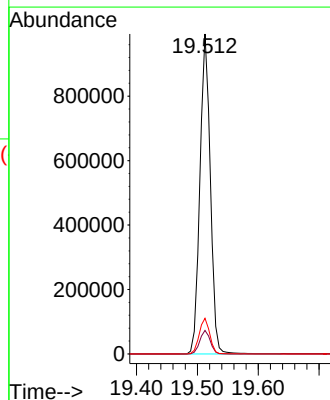
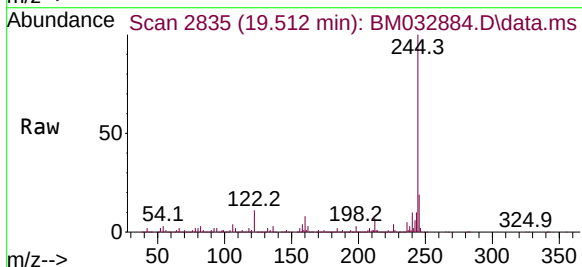
Instrument :
BNA_M
ClientSampleId :
DUP01

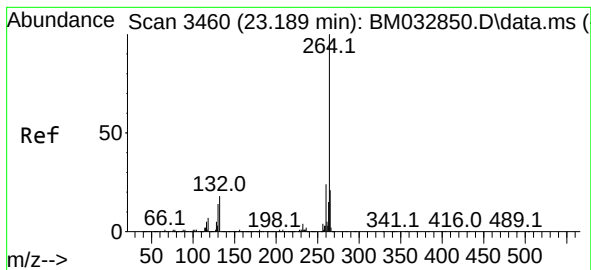
Tgt Ion:240 Resp: 424563
Ion Ratio Lower Upper
240 100
120 11.2 7.8 11.6
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 60.843 ng
RT: 19.512 min Scan# 2835
Delta R.T. -0.012 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Tgt Ion:244 Resp: 1183161
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 11.2 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM032884.D
Acq: 04 Nov 2021 20:36

Instrument :
BNA_M
ClientSampleId :
DUP01

Tgt Ion:264 Resp: 446076
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.1 18.3 27.5

