

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033701.D
 Acq On : 12 Jan 2022 16:35
 Operator : CG/JU
 Sample : N1099-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-04

Quant Time: Jan 13 07:51:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 13 07:49:01 2022
 Response via : Initial Calibration

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

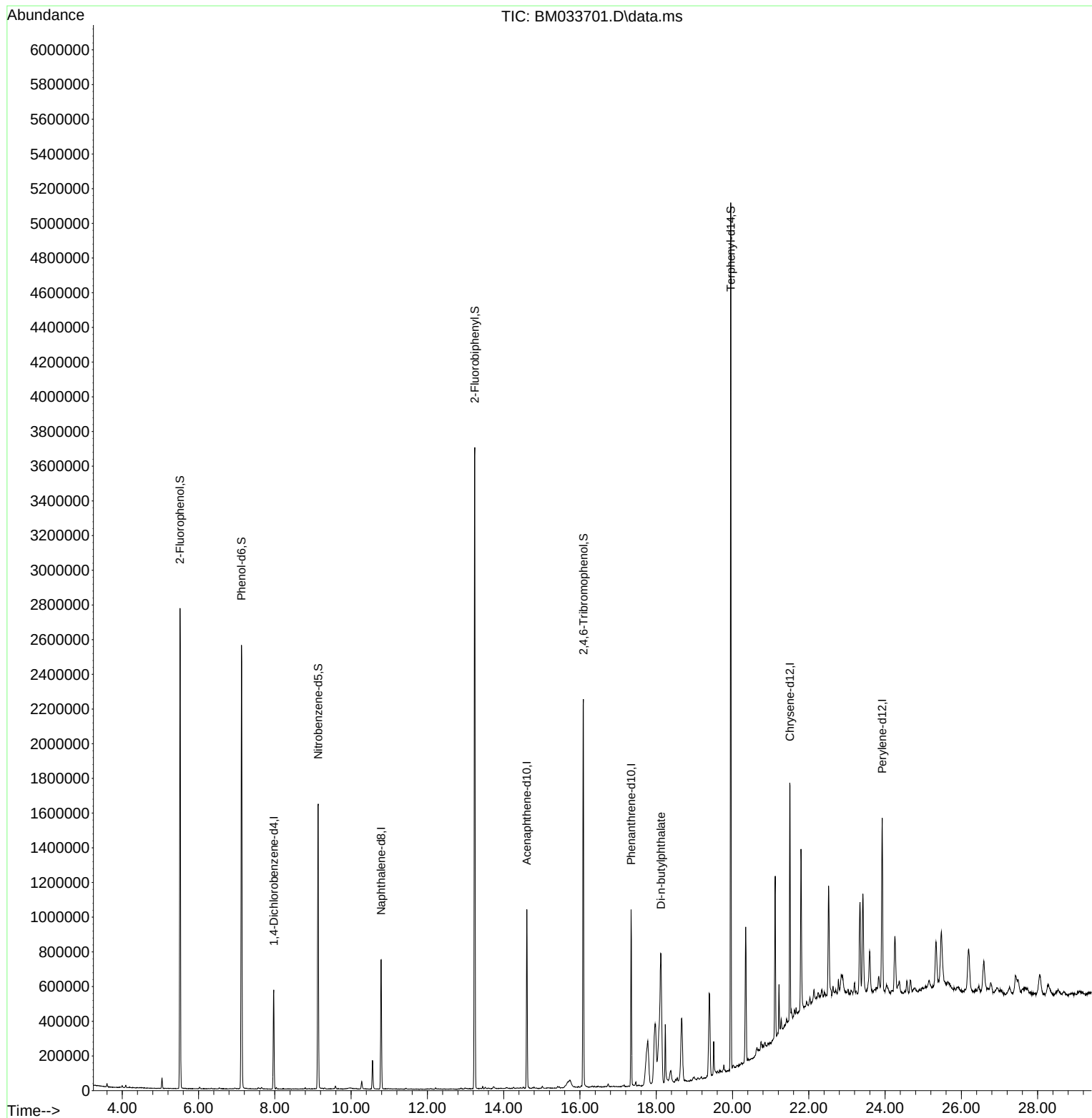
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	147092	20.000	ng	0.00
21) Naphthalene-d8	10.789	136	602417	20.000	ng	# 0.00
39) Acenaphthene-d10	14.607	164	339142	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	575076	20.000	ng	0.00
76) Chrysene-d12	21.506	240	643788	20.000	ng	0.00
86) Perylene-d12	23.924	264	706420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1093745	117.273	ng	0.00
7) Phenol-d6	7.125	99	1376414	109.500	ng	0.00
23) Nitrobenzene-d5	9.136	82	926040	70.992	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	393624	111.123	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	1870096	72.224	ng	0.00
79) Terphenyl-d14	19.953	244	2081939	58.210	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.125	77	3595	Below Cal	#	13
74) Di-n-butylphthalate	18.124	149	714660	18.194	ng	# 94

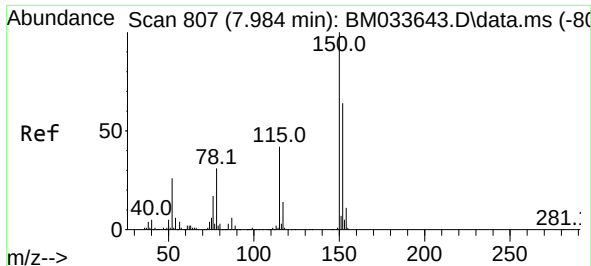
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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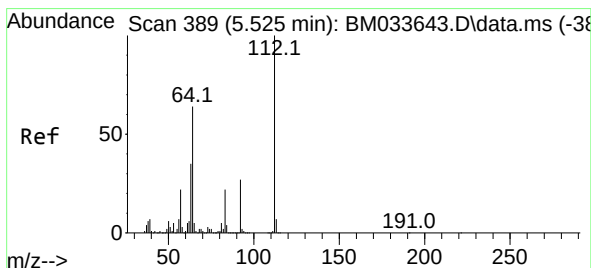
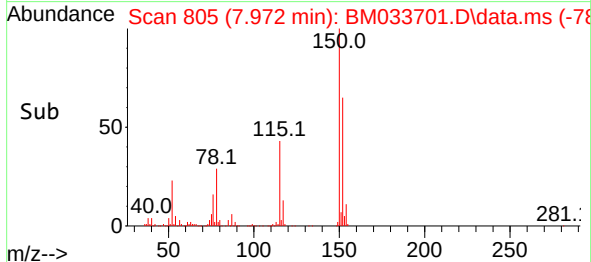
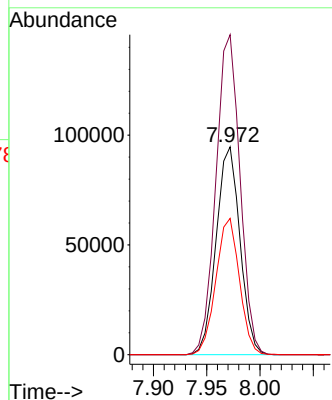
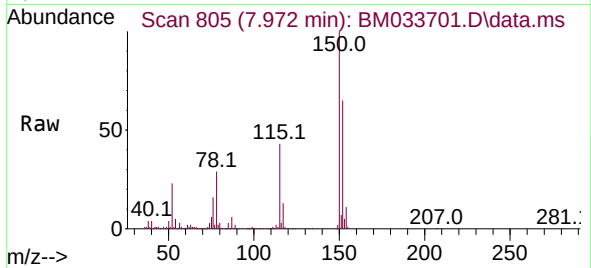




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

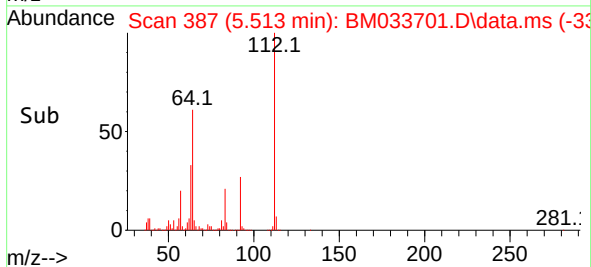
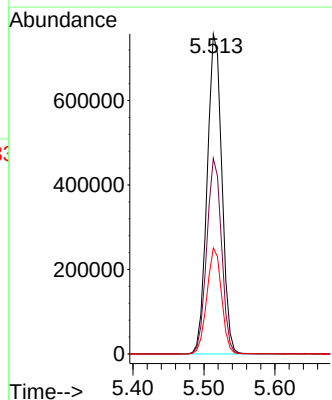
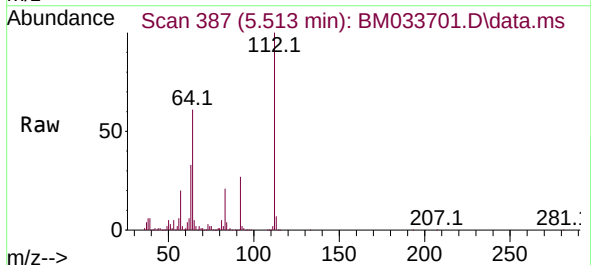
Instrument :
BNA_M
ClientSampleId :
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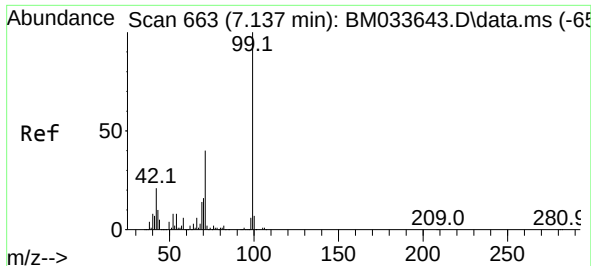
Tgt Ion:152 Resp: 147092
Ion Ratio Lower Upper
152 100
150 153.9 128.9 193.3
115 65.6 53.0 79.6



#5
2-Fluorophenol
Concen: 117.273 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

Tgt Ion:112 Resp: 1093745
Ion Ratio Lower Upper
112 100
64 61.2 55.5 83.3
63 33.1 31.3 46.9

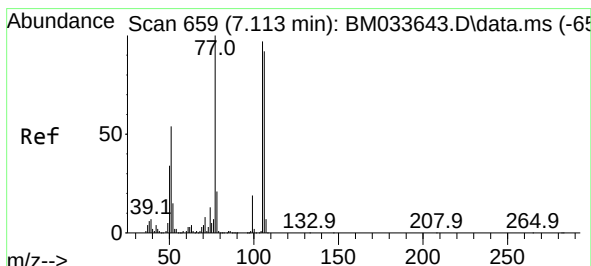
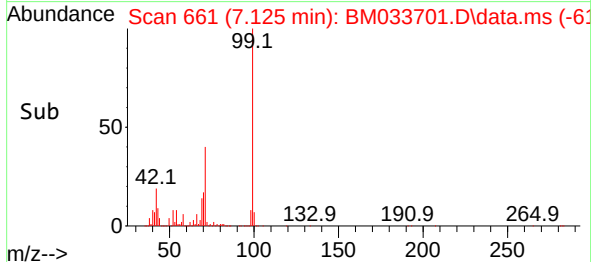
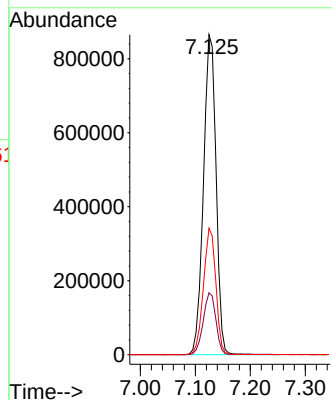
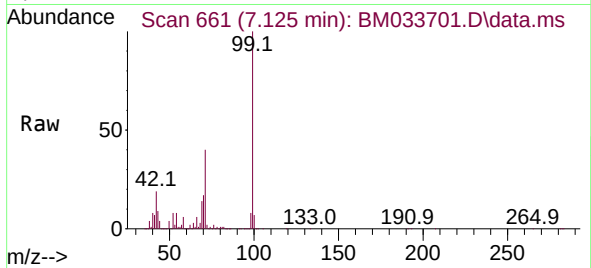




#7
Phenol-d6
Concen: 109.500 ng
RT: 7.125 min Scan# 661
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

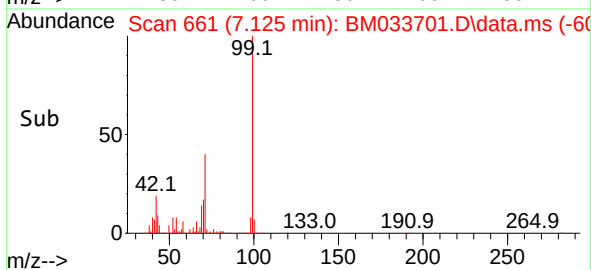
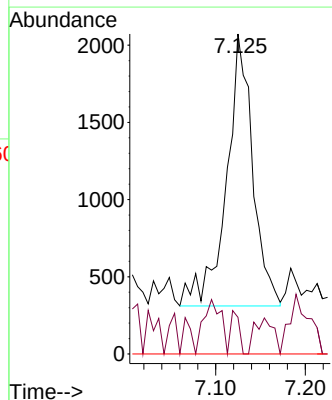
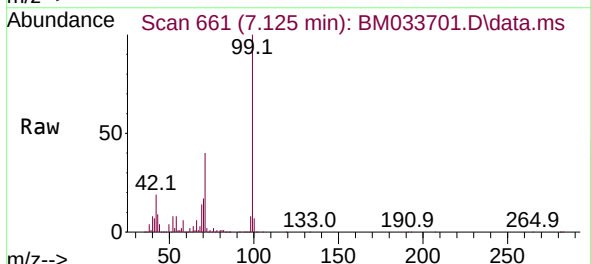
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

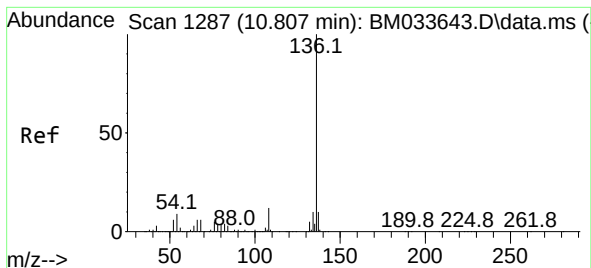
Tgt Ion: 99 Resp: 1376414
Ion Ratio Lower Upper
99 100
42 19.4 20.3 30.5#
71 39.5 34.5 51.7



#9
Benzaldehyde
Concen: Below Cal
RT: 7.125 min Scan# 661
Delta R.T. 0.029 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

Tgt Ion: 77 Resp: 3595
Ion Ratio Lower Upper
77 100
105 11.5 67.1 107.1#
106 0.0 64.3 104.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.789 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM033701.D

Acq: 12 Jan 2022 16:35

Instrument :

BNA_M

ClientSampleId :

VACLOT-BACKFILL-TILCON-04

Tgt Ion:136 Resp: 602417

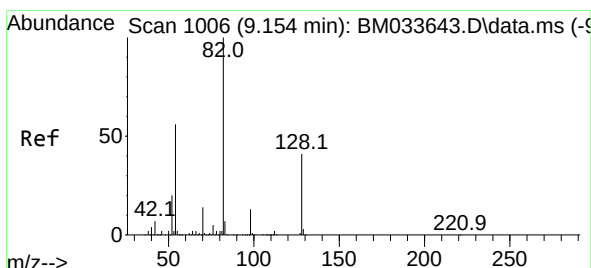
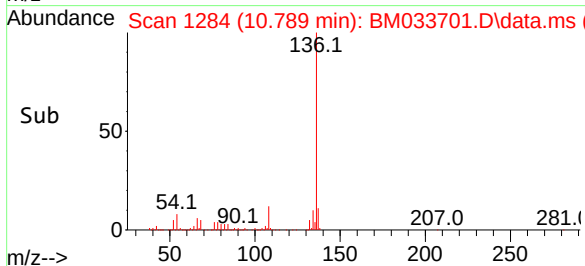
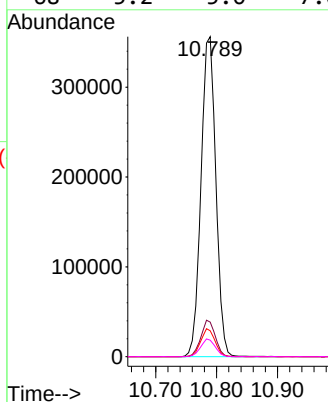
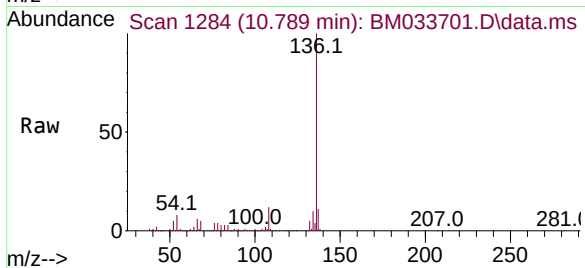
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.1 8.3 12.5#

68 5.2 5.0 7.6



#23

Nitrobenzene-d5

Concen: 70.992 ng

RT: 9.136 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BM033701.D

Acq: 12 Jan 2022 16:35

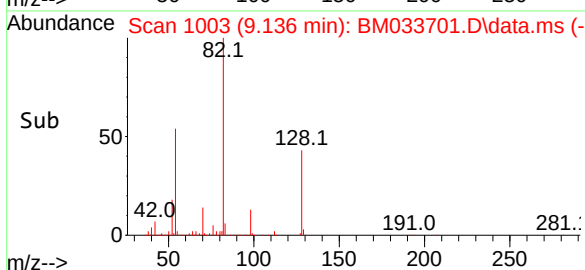
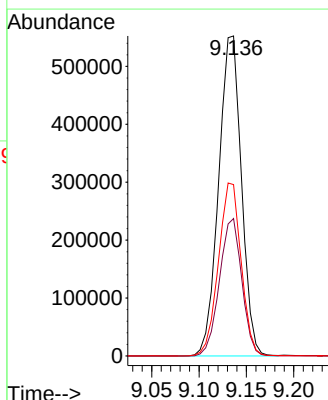
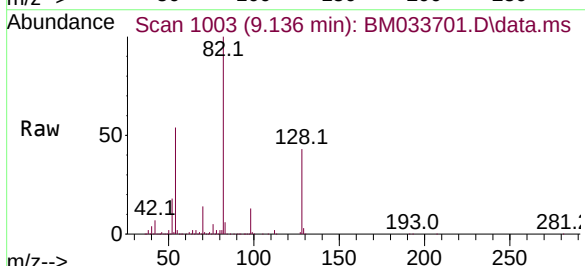
Tgt Ion: 82 Resp: 926040

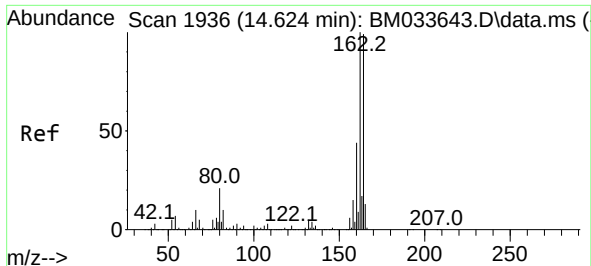
Ion Ratio Lower Upper

82 100

128 42.9 28.1 42.1#

54 53.6 46.1 69.1

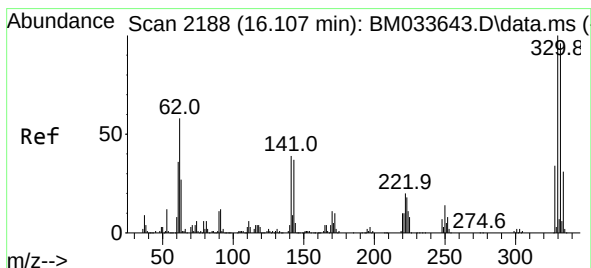
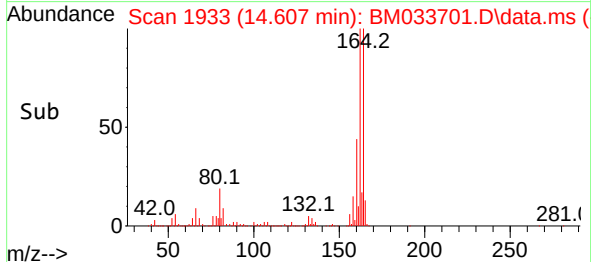
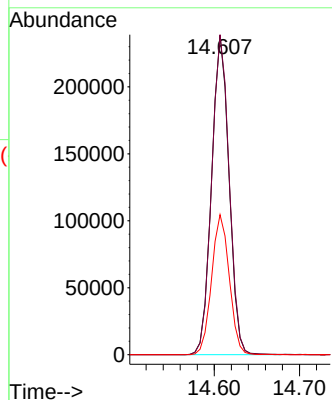
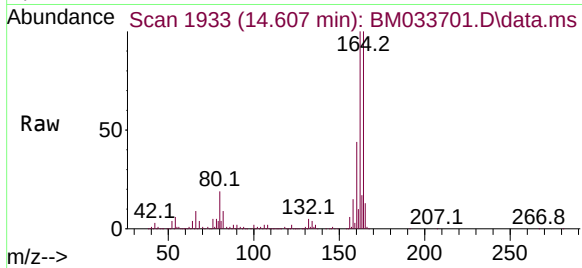




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.607 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

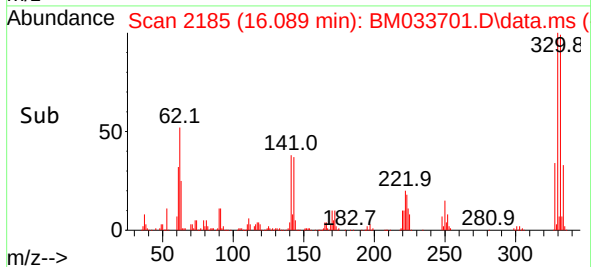
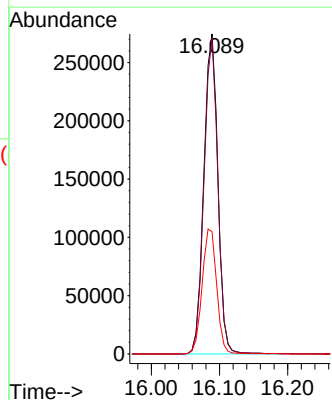
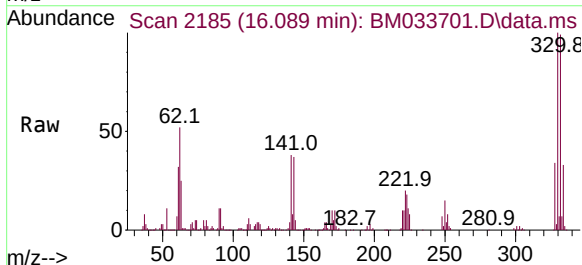
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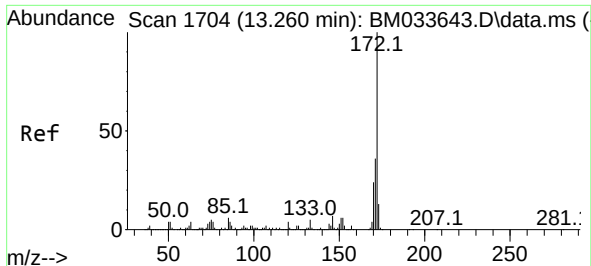
Tgt Ion:164 Resp: 339142
Ion Ratio Lower Upper
164 100
162 100.2 79.7 119.5
160 43.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 111.123 ng
RT: 16.089 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

Tgt Ion:330 Resp: 393624
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 40.4 35.9 53.9

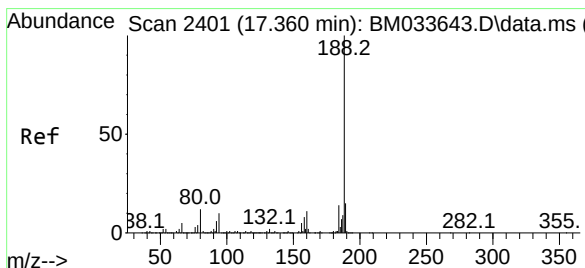
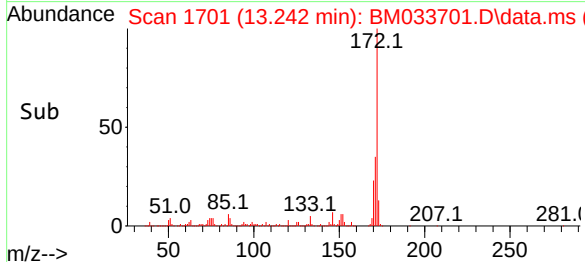
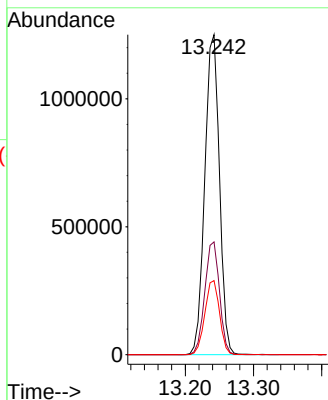
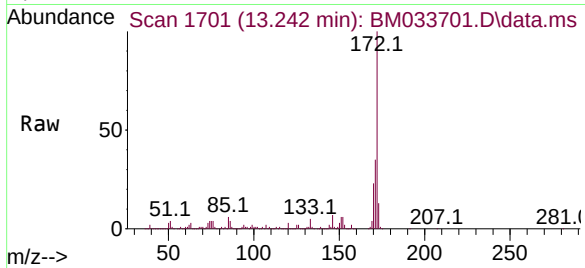




#45
2-Fluorobiphenyl
Concen: 72.224 ng
RT: 13.242 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

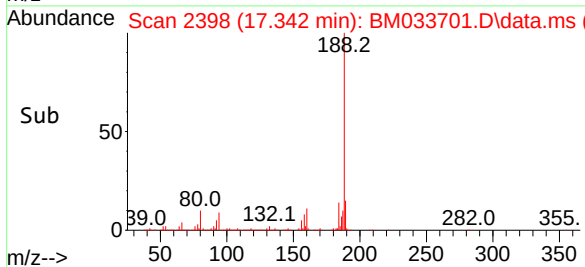
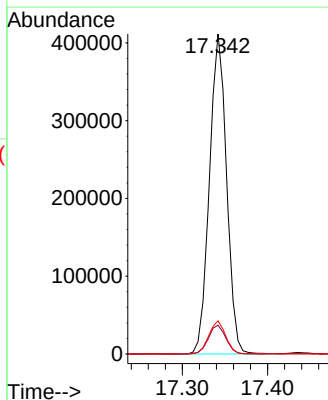
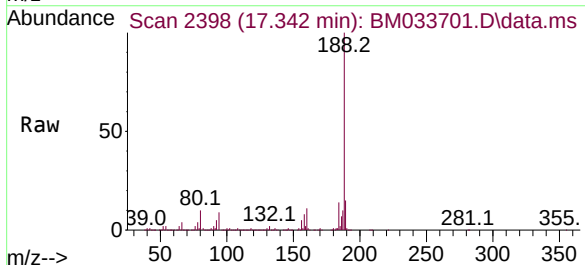
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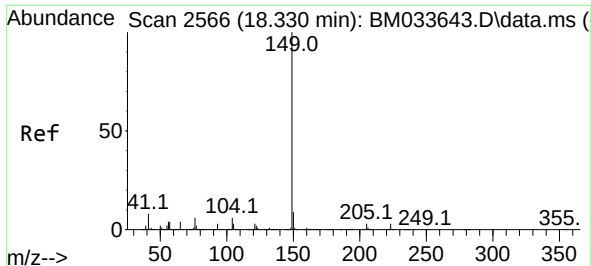
Tgt Ion:172 Resp: 1870096
Ion Ratio Lower Upper
172 100
171 35.3 27.2 40.8
170 23.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

Tgt Ion:188 Resp: 575076
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.3 8.9 13.3

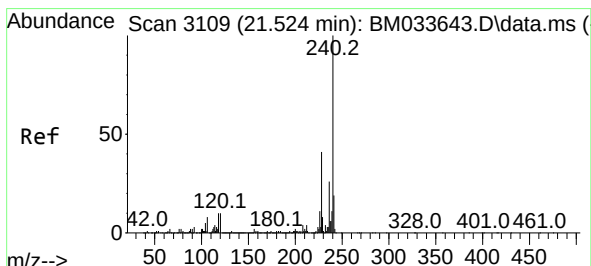
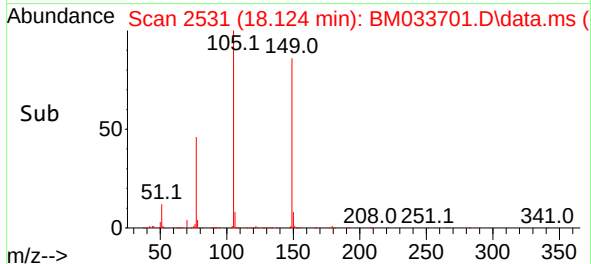
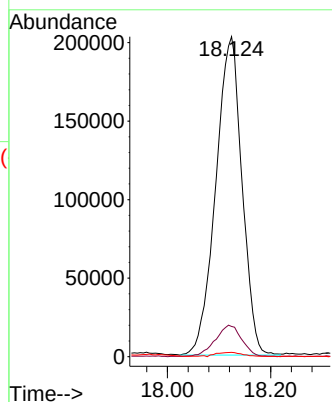
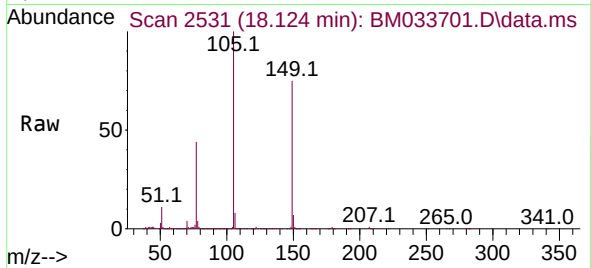




#74
Di-n-butylphthalate
Concen: 18.194 ng
RT: 18.124 min Scan# 21
Delta R.T. -0.188 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

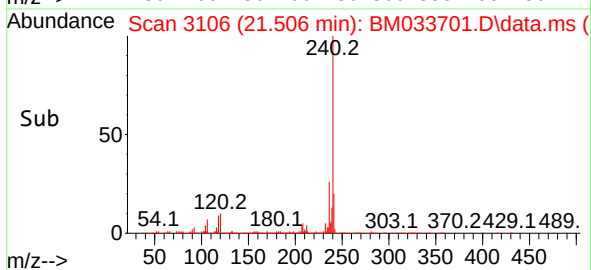
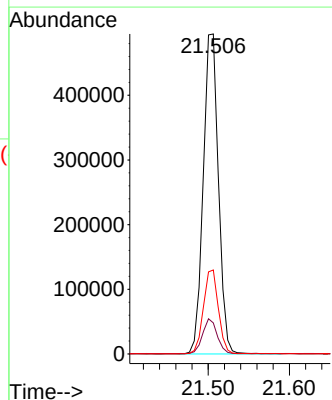
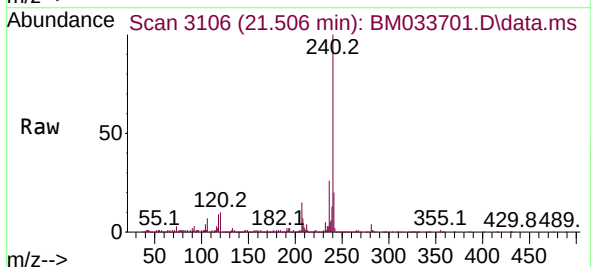
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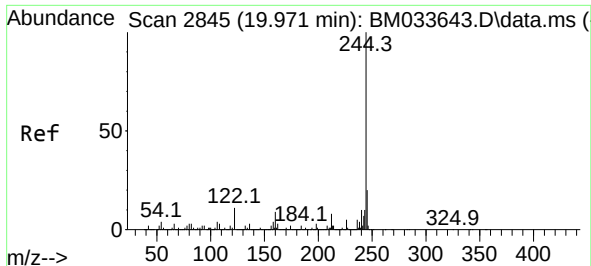
Tgt Ion:149 Resp: 714660
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 1.4 4.6 6.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.506 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM033701.D
Acq: 12 Jan 2022 16:35

Tgt Ion:240 Resp: 643788
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.3 20.3 30.5

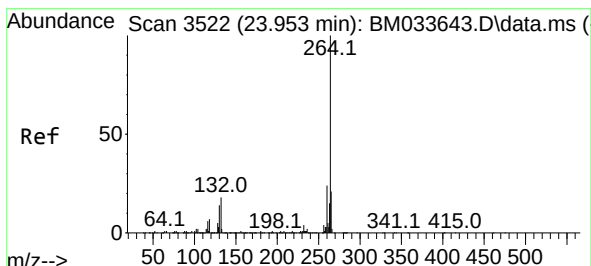
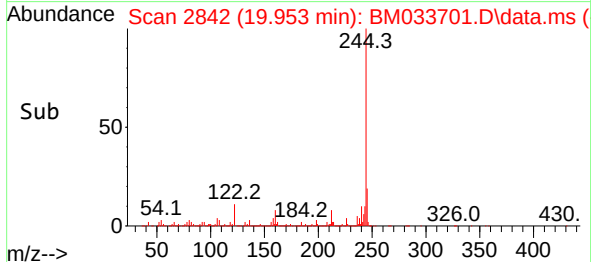
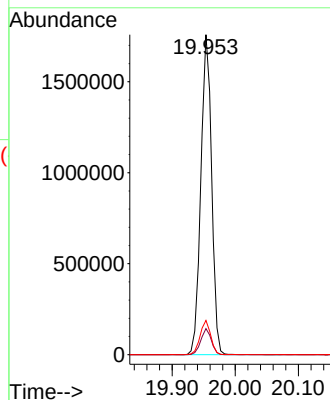
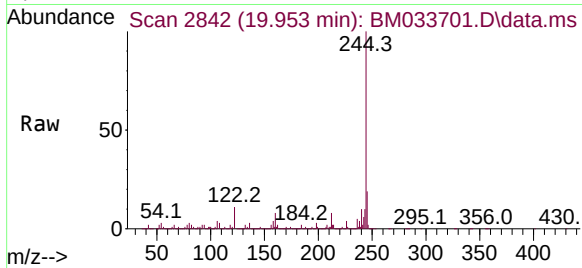




#79
 Terphenyl-d14
 Concen: 58.210 ng
 RT: 19.953 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033701.D
 Acq: 12 Jan 2022 16:35

Instrument :
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Tgt Ion:244 Resp: 2081939
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.924 min Scan# 3517
 Delta R.T. -0.006 min
 Lab File: BM033701.D
 Acq: 12 Jan 2022 16:35

Tgt Ion:264 Resp: 706420
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.7 26.5
 265 22.0 17.7 26.5

