

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011222\
 Data File : BM033700.D
 Acq On : 12 Jan 2022 15:50
 Operator : CG/JU
 Sample : N1099-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VACLOT-BACKFILL-TILCON-09

Quant Time: Jan 13 07:50:59 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	7.966	152	83083	20.000	ng	0.00
21) Naphthalene-d8	10.783	136	366613	20.000	ng	0.00
39) Acenaphthene-d10	14.607	164	248318	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	563361	20.000	ng	0.00
76) Chrysene-d12	21.500	240	723604	20.000	ng	0.00
86) Perylene-d12	23.924	264	912841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	590969	112.182	ng	0.00
7) Phenol-d6	7.119	99	810953	114.219	ng	0.00
23) Nitrobenzene-d5	9.131	82	511881	64.482	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	382578	147.508	ng	0.00
45) 2-Fluorobiphenyl	13.236	172	1180262	62.254	ng	0.00
79) Terphenyl-d14	19.953	244	2125870	52.882	ng	0.00

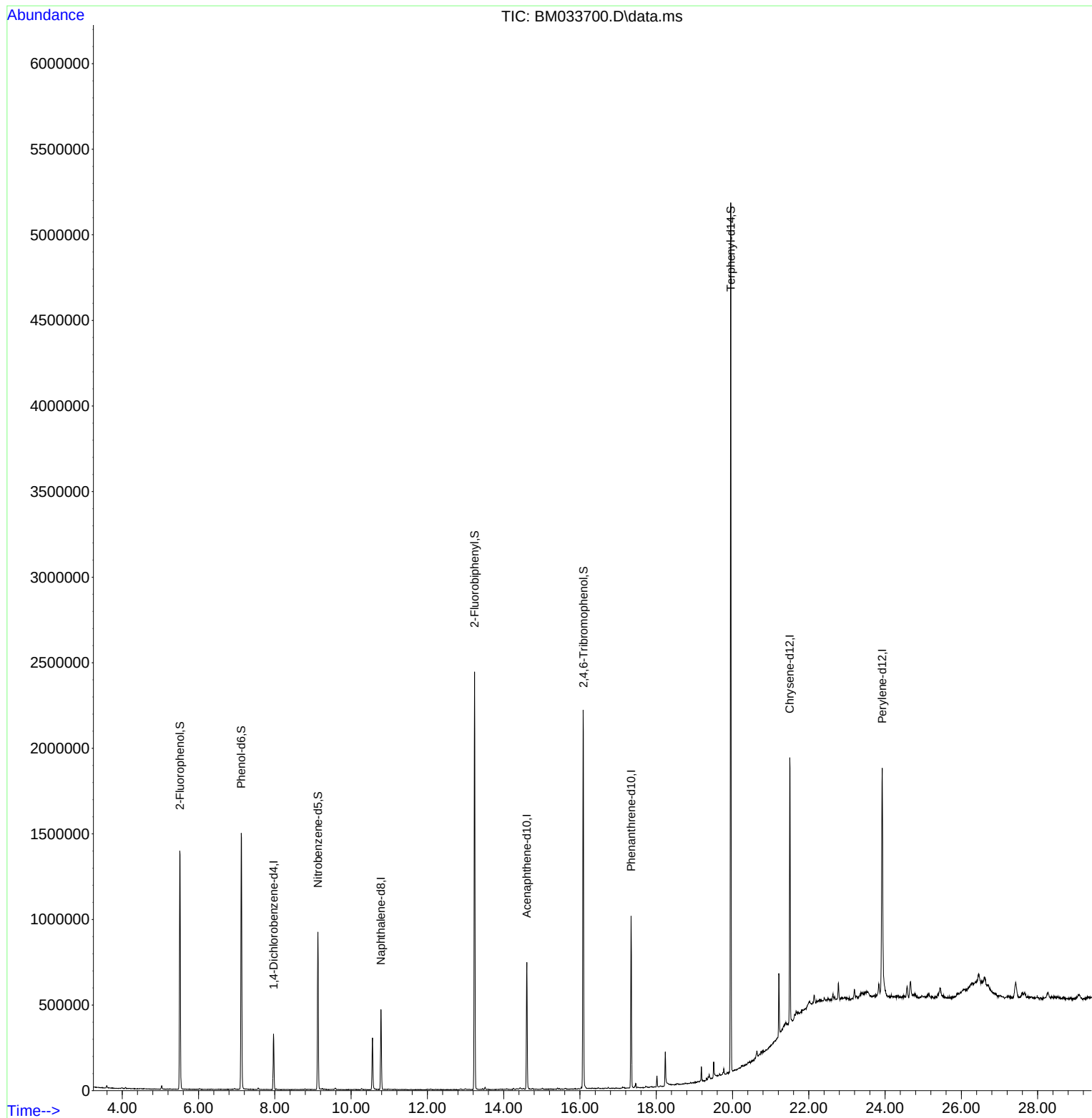
Target Compounds	Qvalue

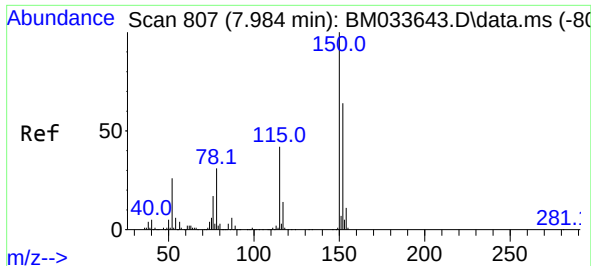
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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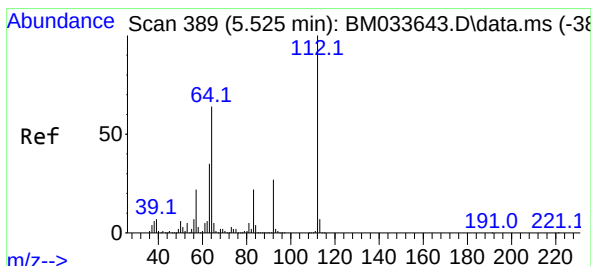
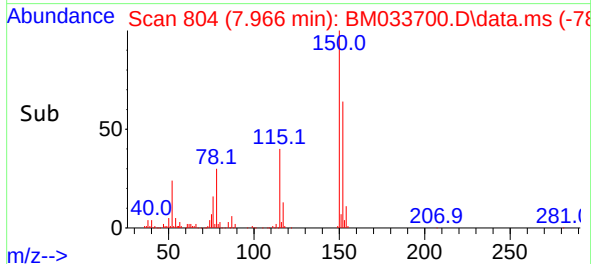
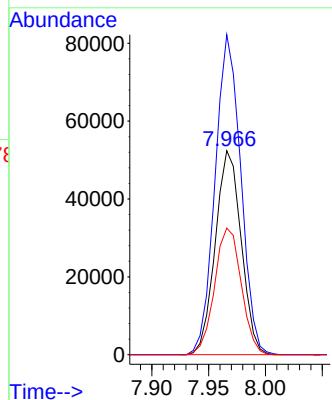
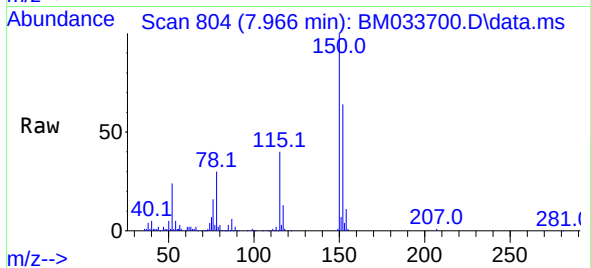




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

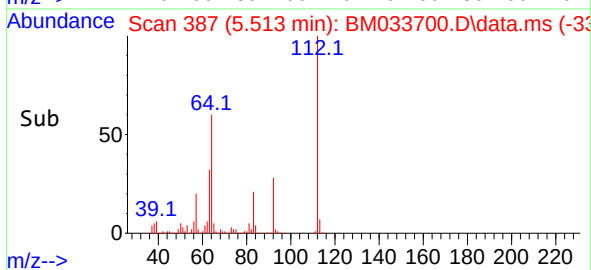
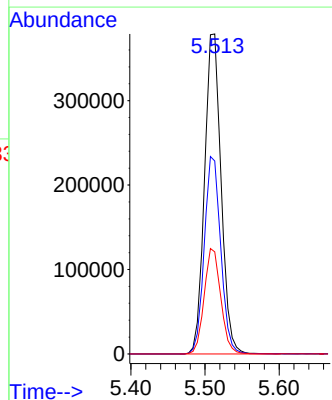
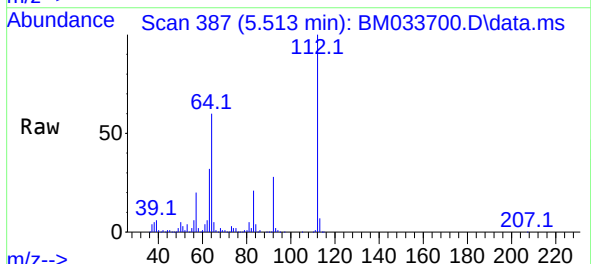
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-09

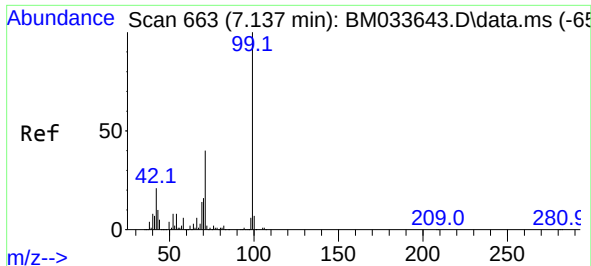
Tgt Ion:152 Resp: 83083
Ion Ratio Lower Upper
152 100
150 156.8 128.9 193.3
115 62.1 53.0 79.6



#5
2-Fluorophenol
Concen: 112.182 ng
RT: 5.513 min Scan# 387
Delta R.T. 0.000 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

Tgt Ion:112 Resp: 590969
Ion Ratio Lower Upper
112 100
64 60.3 55.5 83.3
63 31.9 31.3 46.9

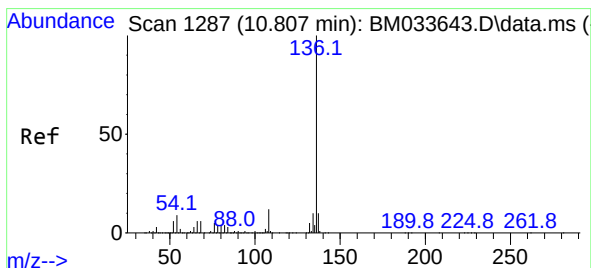
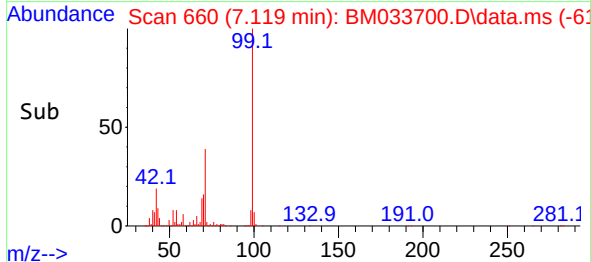
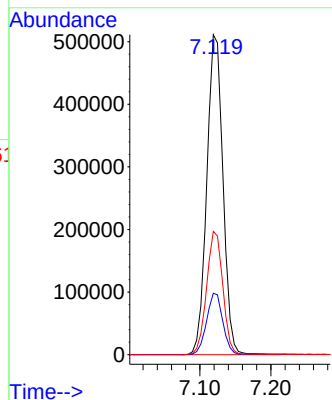
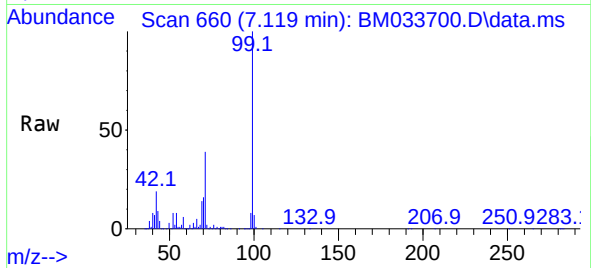




#7
Phenol-d6
Concen: 114.219 ng
RT: 7.119 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

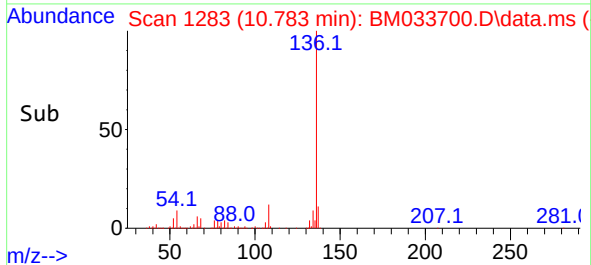
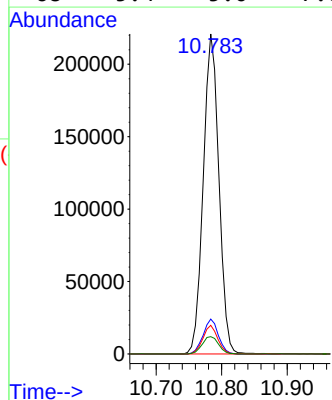
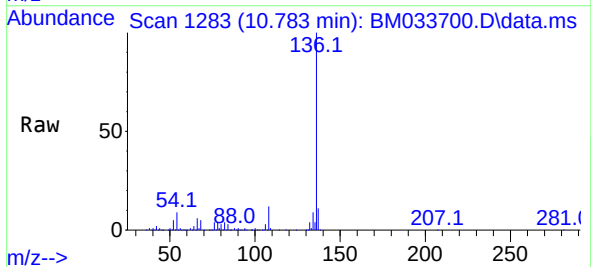
Instrument :
BNA_M
ClientSampleId :
VACLOT-BACKFILL-TILCON-09

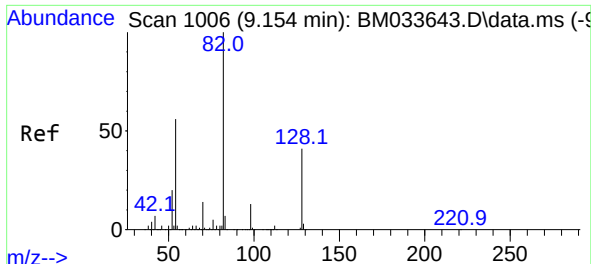
Tgt Ion: 99 Resp: 810953
Ion Ratio Lower Upper
99 100
42 19.2 20.3 30.5#
71 38.6 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.783 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

Tgt Ion:136 Resp: 366613
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 8.3 12.5
68 5.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.482 ng

RT: 9.131 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BM033700.D

Acq: 12 Jan 2022 15:50

Instrument :

BNA_M

ClientSampleId :

VACLOT-BACKFILL-TILCON-09

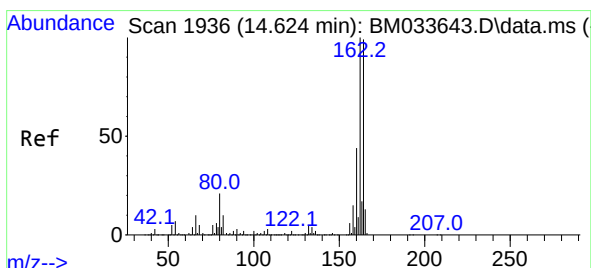
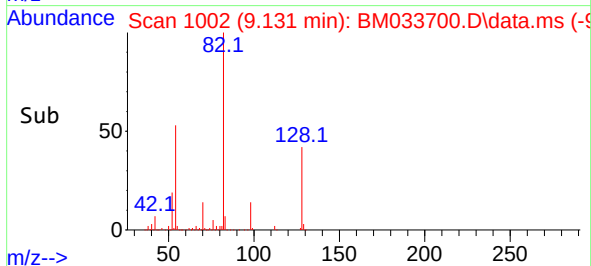
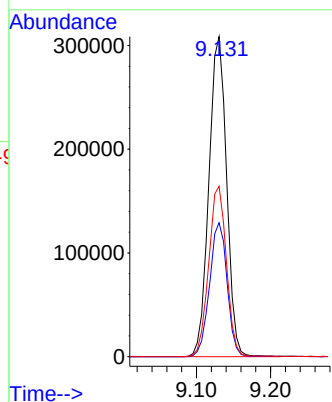
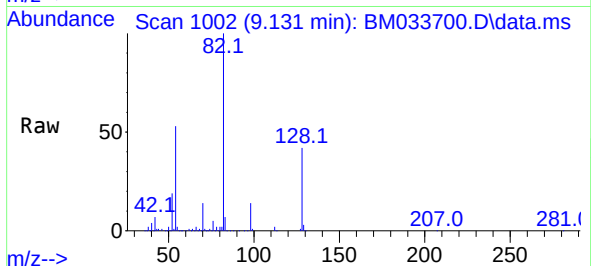
Tgt Ion: 82 Resp: 511881

Ion Ratio Lower Upper

82 100

128 41.9 28.1 42.1

54 53.2 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.607 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BM033700.D

Acq: 12 Jan 2022 15:50

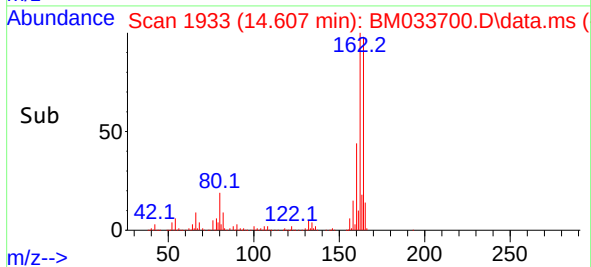
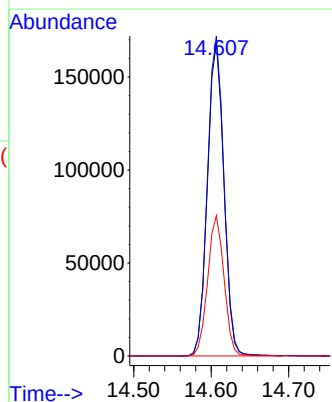
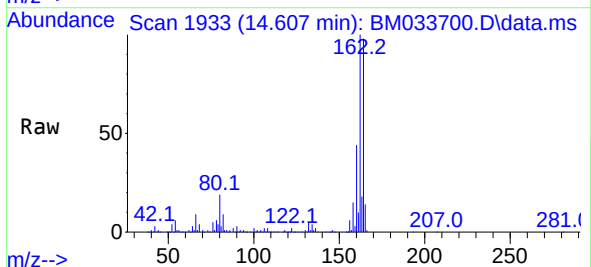
Tgt Ion: 164 Resp: 248318

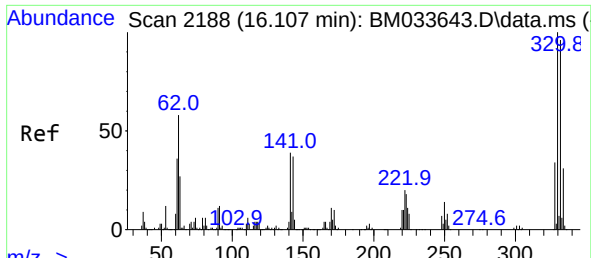
Ion Ratio Lower Upper

164 100

162 102.3 79.7 119.5

160 44.8 34.2 51.4

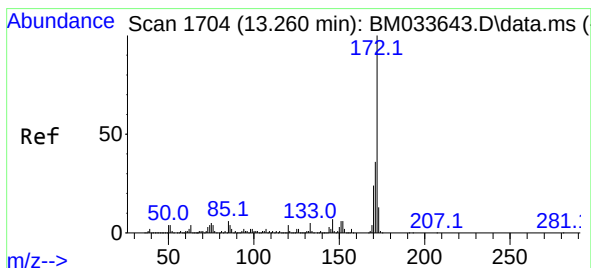
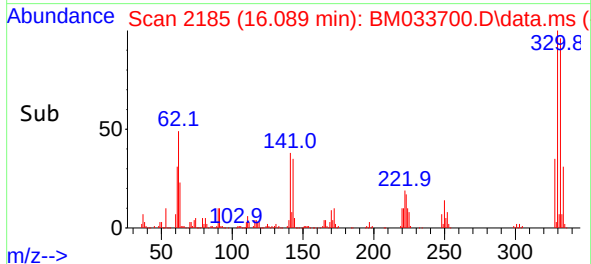
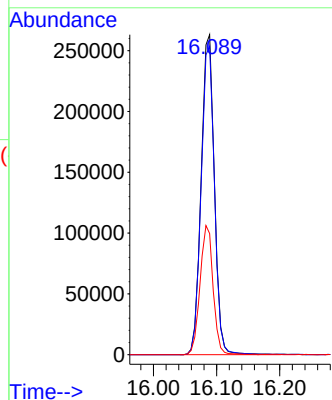
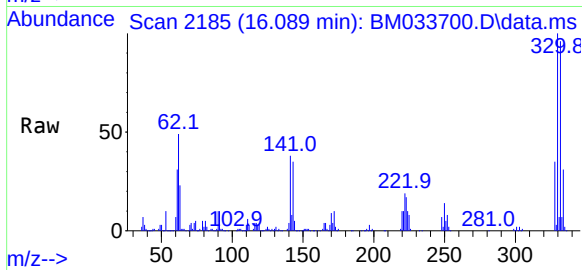




#42
2,4,6-Tribromophenol
Concen: 147.508 ng
RT: 16.089 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

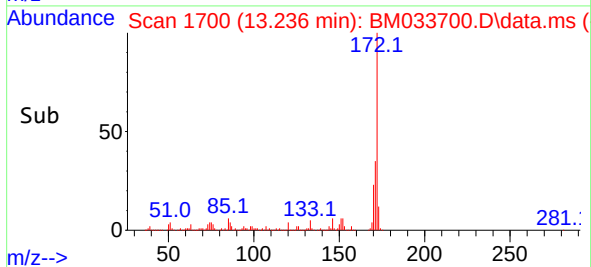
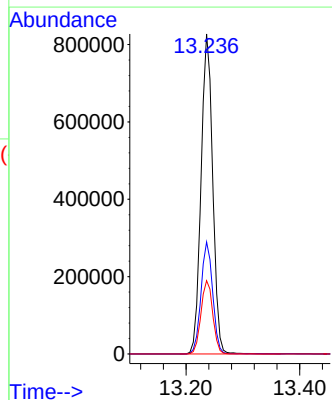
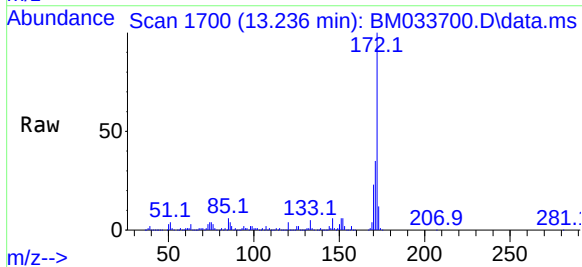
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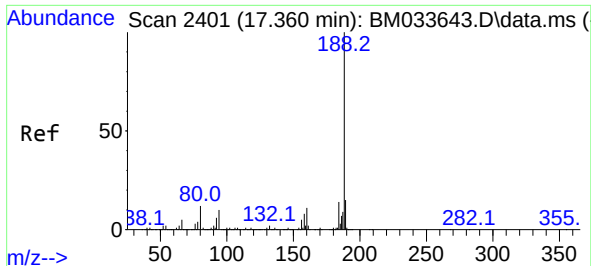
Tgt Ion:330 Resp: 382578
Ion Ratio Lower Upper
330 100
332 97.2 76.5 114.7
141 39.9 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 62.254 ng
RT: 13.236 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

Tgt Ion:172 Resp: 1180262
Ion Ratio Lower Upper
172 100
171 35.0 27.2 40.8
170 22.9 18.7 28.1

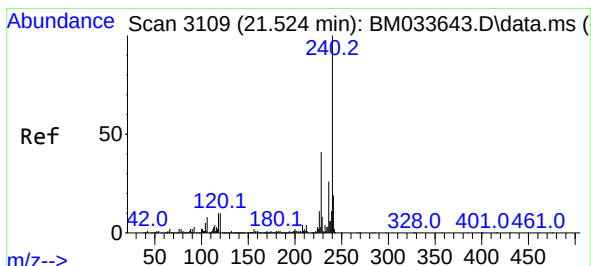
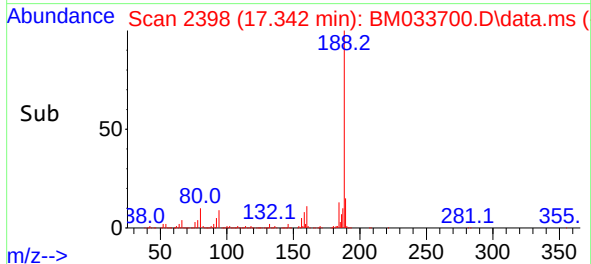
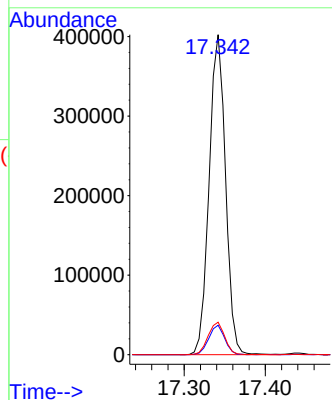
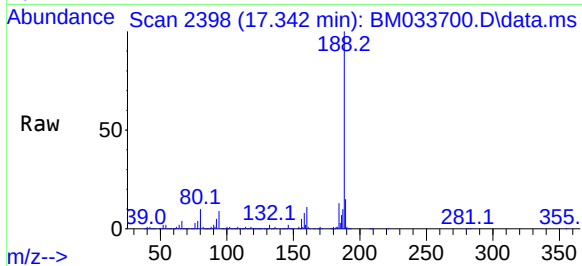




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

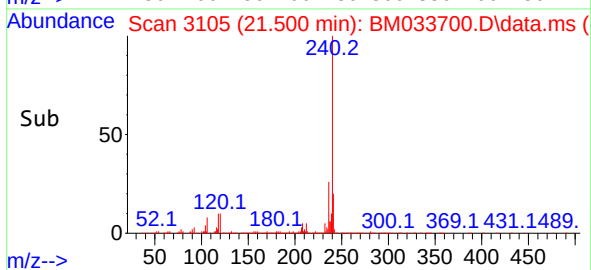
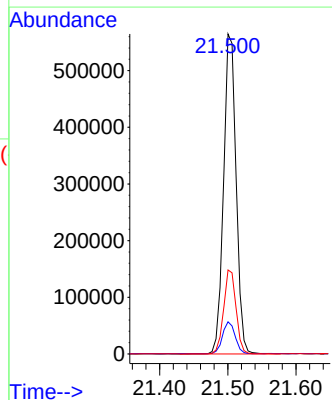
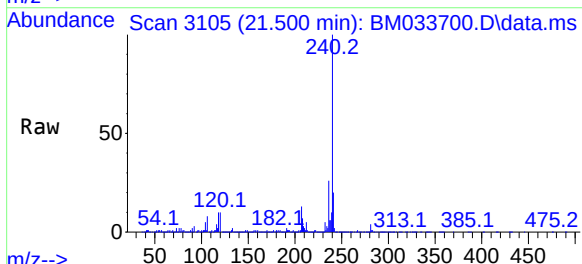
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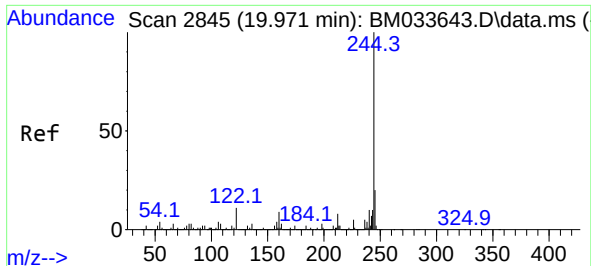
Tgt Ion:188 Resp: 563361
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

Tgt Ion:240 Resp: 723604
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 26.2 20.3 30.5

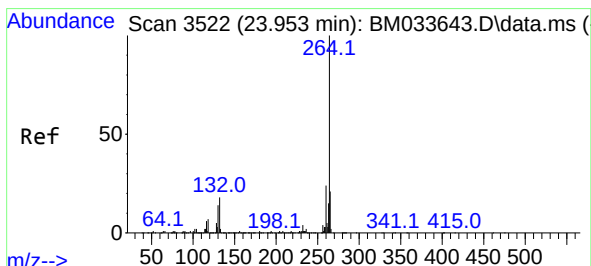
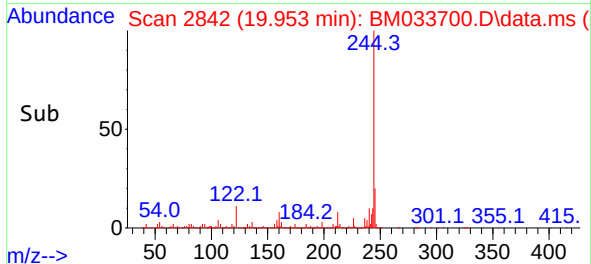
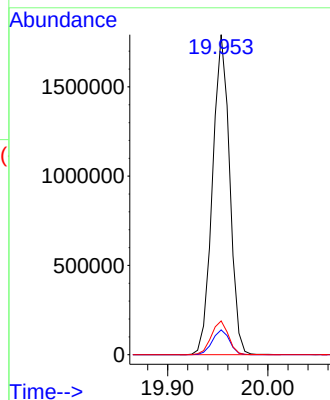
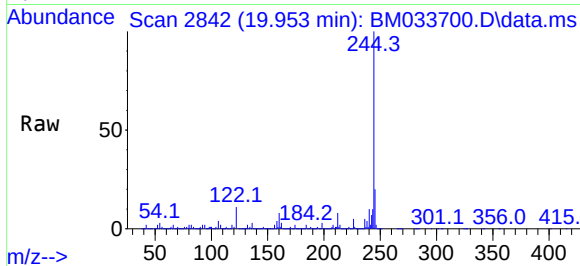




#79
Terphenyl-d14
Concen: 52.882 ng
RT: 19.953 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033700.D
Acq: 12 Jan 2022 15:50

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:244 Resp: 2125870
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 10.6 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: BM033700.D
Acq: 12 Jan 2022 15:50

Tgt Ion:264 Resp: 912841
Ion Ratio Lower Upper
264 100
260 24.1 17.7 26.5
265 22.4 17.7 26.5

