

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
 Data File : BM033684.D
 Acq On : 08 Jan 2022 00:16
 Operator : CG/JU
 Sample : N1071-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FM-E1-01-4.5

Quant Time: Jan 08 06:55:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	168875	20.000	ng	-0.01
21) Naphthalene-d8	10.795	136	696691	20.000	ng	-0.01
39) Acenaphthene-d10	14.613	164	460267	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	969861	20.000	ng	-0.01
76) Chrysene-d12	21.512	240	991690	20.000	ng	-0.01
86) Perylene-d12	23.935	264	858637	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1407307	131.430	ng	0.00
7) Phenol-d6	7.131	99	1842966	127.705	ng	0.00
23) Nitrobenzene-d5	9.136	82	1248361	82.752	ng	-0.02
42) 2,4,6-Tribromophenol	16.095	330	820316	170.638	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	2635560	75.000	ng	-0.01
79) Terphenyl-d14	19.965	244	4289940	77.866	ng	0.00

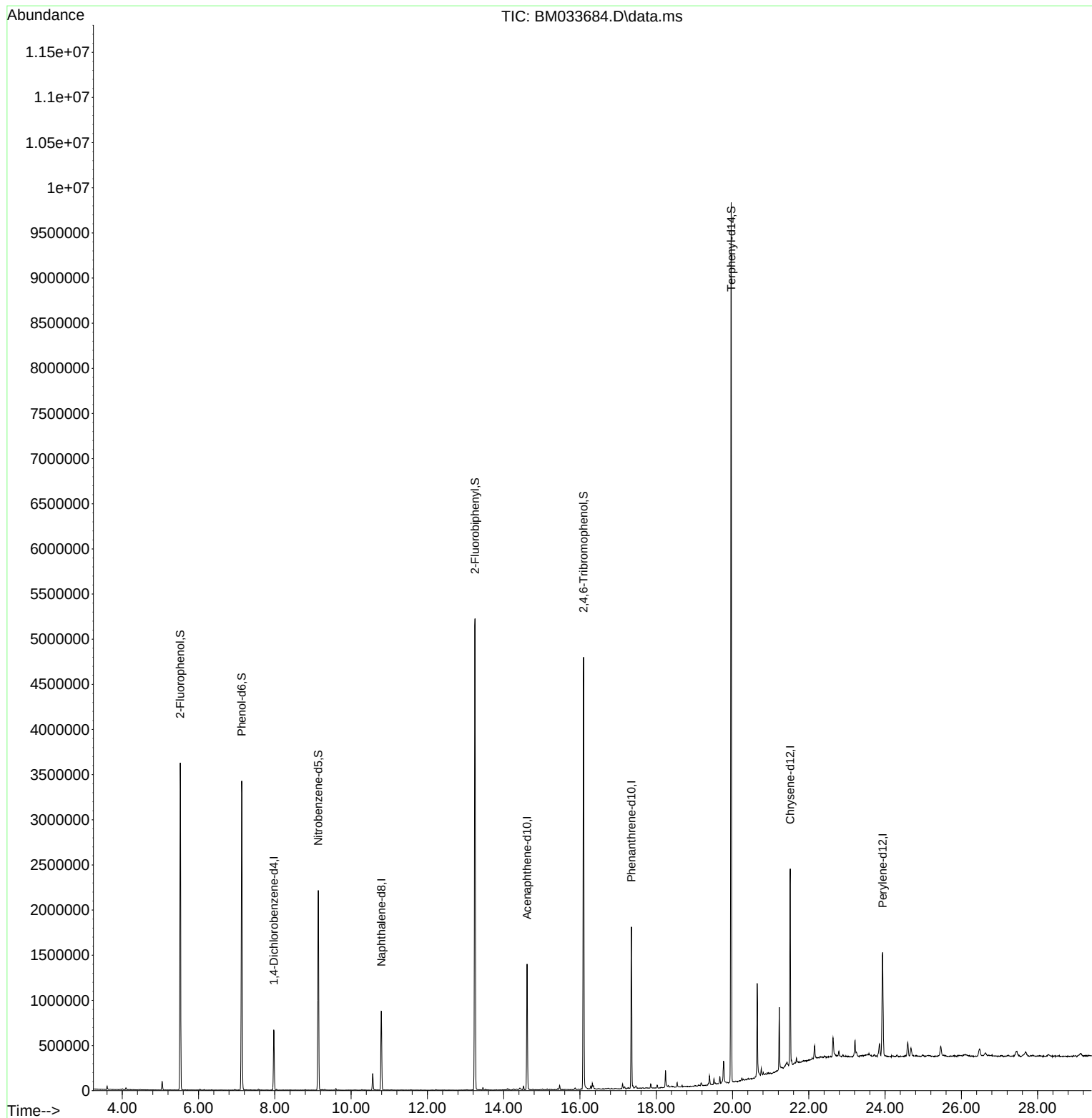
Target Compounds	Qvalue

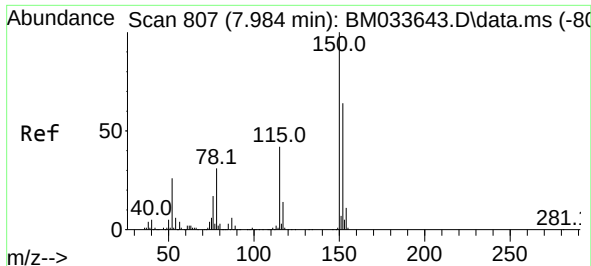
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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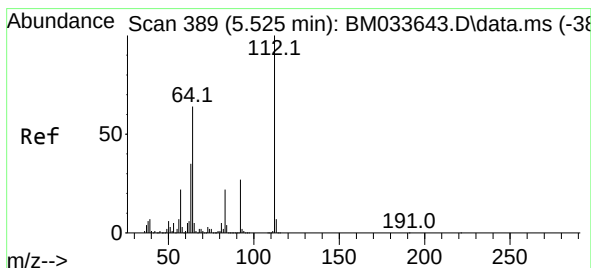
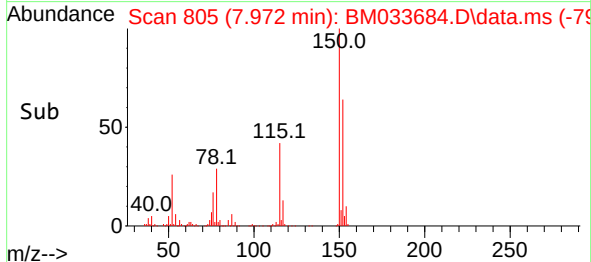
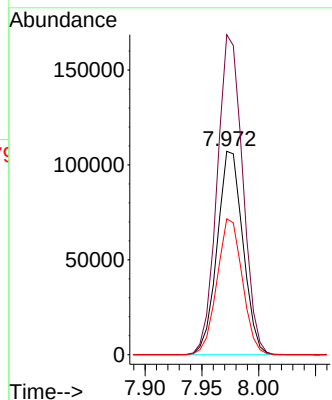
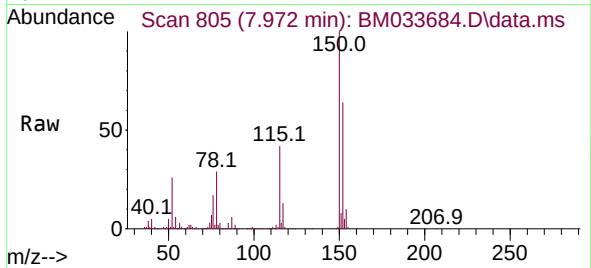




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.972 min Scan# 807
Delta R.T. -0.012 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

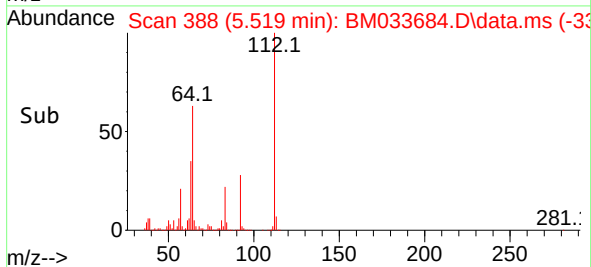
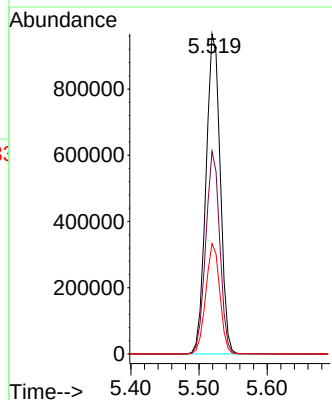
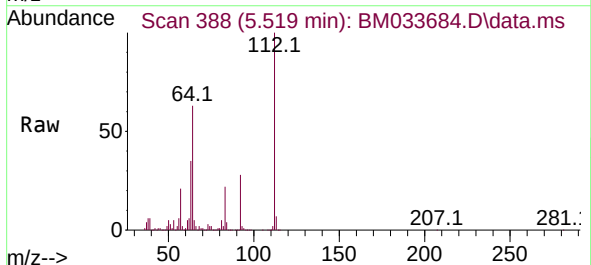
Instrument :
BNA_M
ClientSampleId :
FM-E1-01-4.5

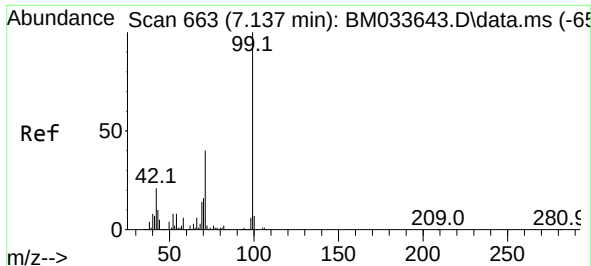
Tgt Ion:152 Resp: 168875
Ion Ratio Lower Upper
152 100
150 157.3 128.9 193.3
115 66.8 53.0 79.6



#5
2-Fluorophenol
Concen: 131.430 ng
RT: 5.519 min Scan# 388
Delta R.T. -0.006 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

Tgt Ion:112 Resp: 1407307
Ion Ratio Lower Upper
112 100
64 63.3 55.5 83.3
63 34.5 31.3 46.9

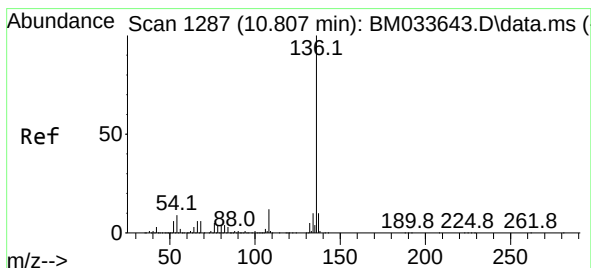
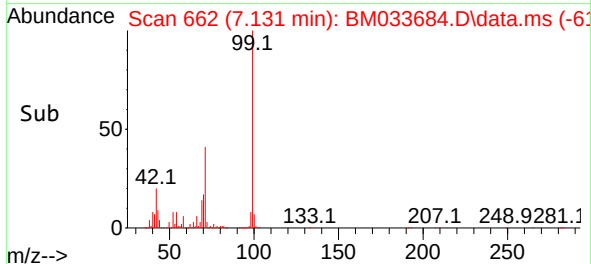
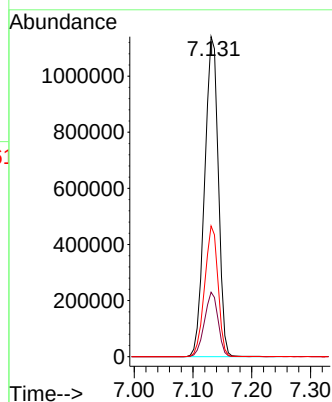
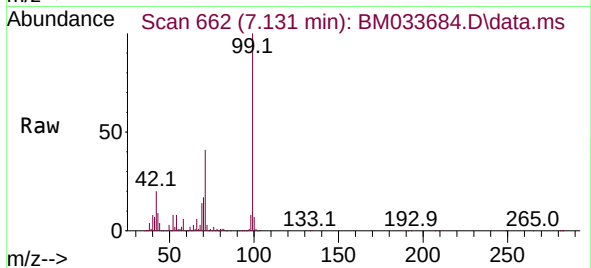




#7
Phenol-d6
Concen: 127.705 ng
RT: 7.131 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

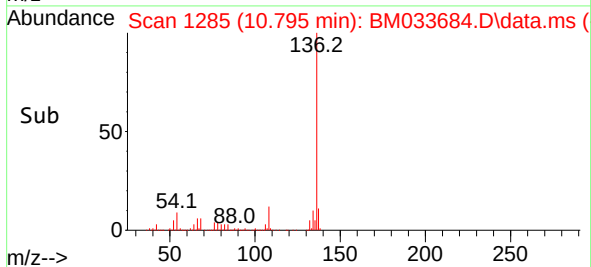
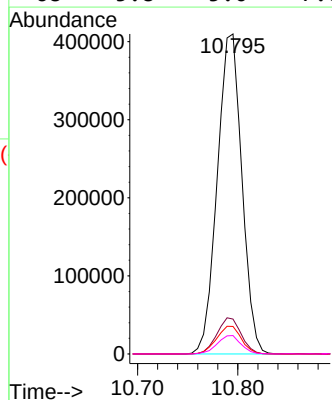
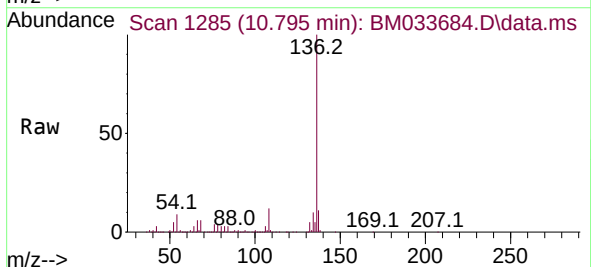
Instrument :
BNA_M
ClientSampleId :
FM-E1-01-4.5

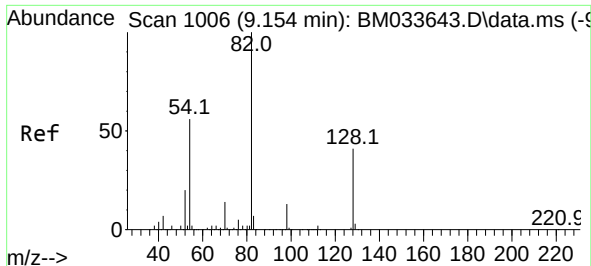
Tgt Ion: 99 Resp: 1842966
Ion Ratio Lower Upper
99 100
42 20.2 20.3 30.5#
71 40.9 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

Tgt Ion: 136 Resp: 696691
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 8.3 12.5
68 5.8 5.0 7.6

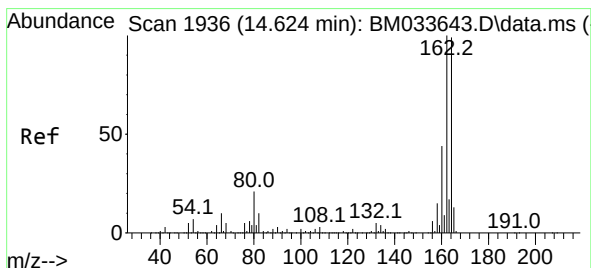
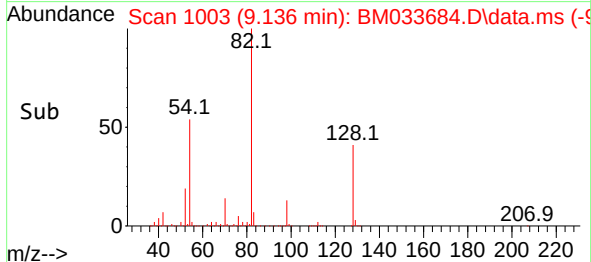
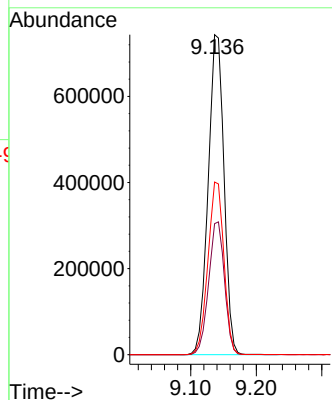
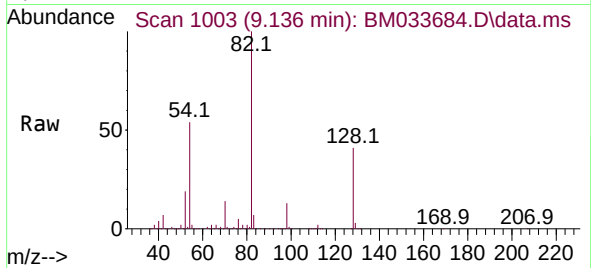




#23
Nitrobenzene-d5
Concen: 82.752 ng
RT: 9.136 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

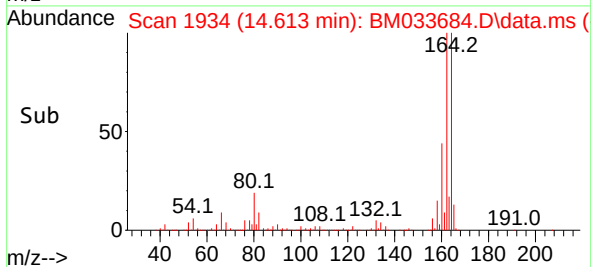
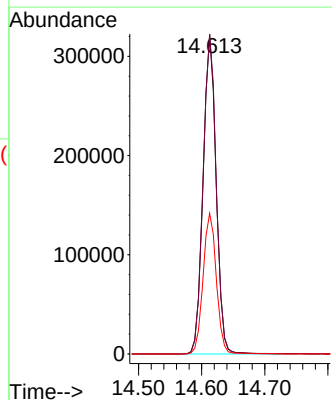
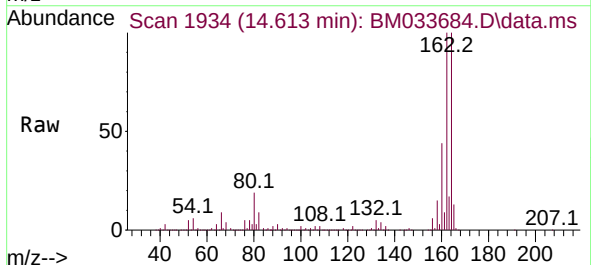
Instrument :
BNA_M
ClientSampleId :
FM-E1-01-4.5

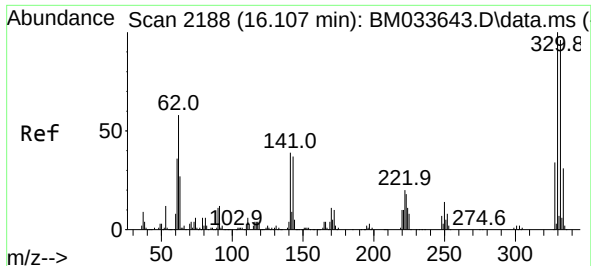
Tgt Ion: 82 Resp: 1248361
Ion Ratio Lower Upper
82 100
128 41.0 28.1 42.1
54 54.0 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

Tgt Ion: 164 Resp: 460267
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 170.638 ng

RT: 16.095 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM033684.D

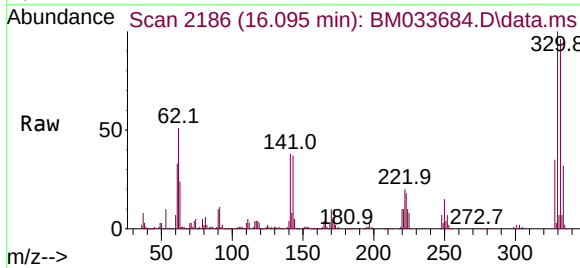
Acq: 08 Jan 2022 00:16

Instrument :

BNA_M

ClientSampleId :

FM-E1-01-4.5



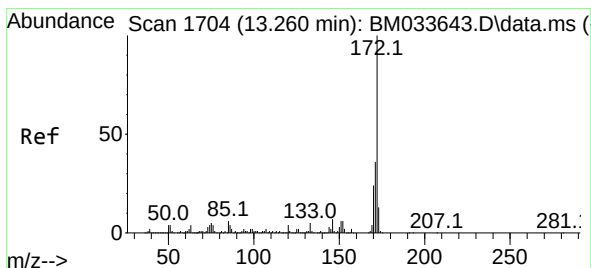
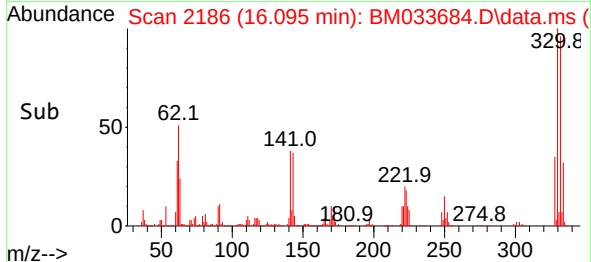
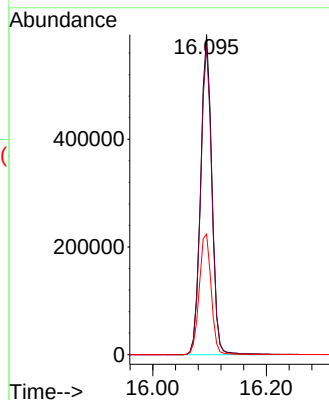
Tgt Ion:330 Resp: 820316

Ion Ratio Lower Upper

330 100

332 96.5 76.5 114.7

141 40.0 35.9 53.9



#45

2-Fluorobiphenyl

Concen: 75.000 ng

RT: 13.248 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BM033684.D

Acq: 08 Jan 2022 00:16

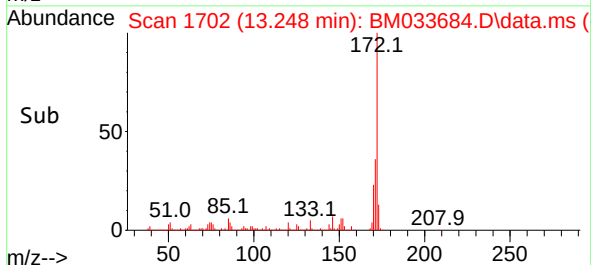
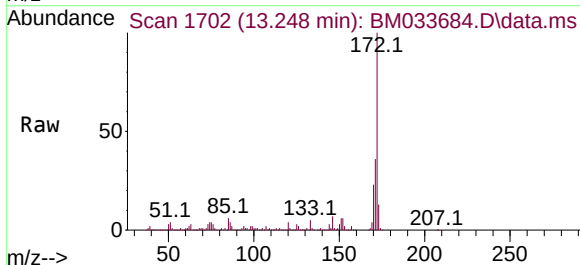
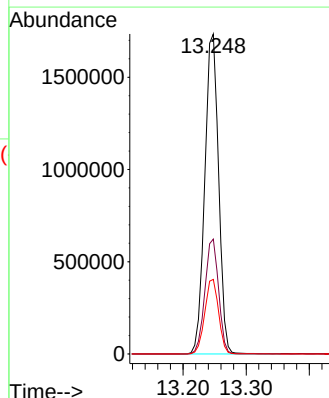
Tgt Ion:172 Resp: 2635560

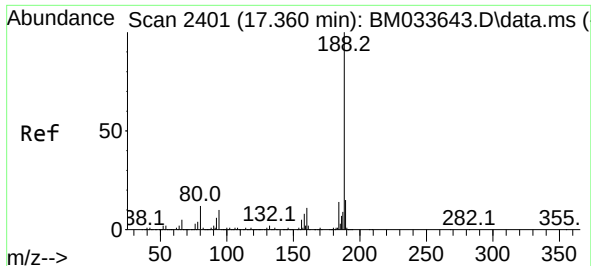
Ion Ratio Lower Upper

172 100

171 35.9 27.2 40.8

170 23.3 18.7 28.1

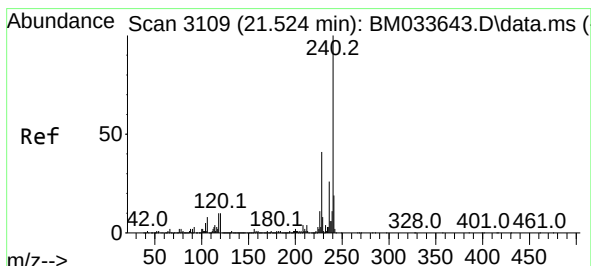
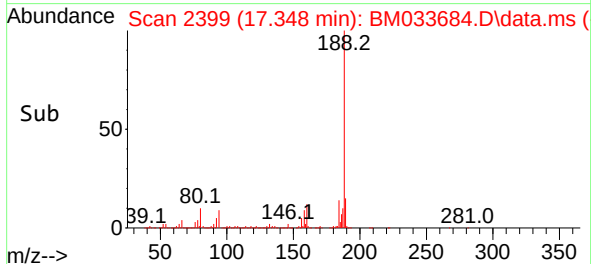
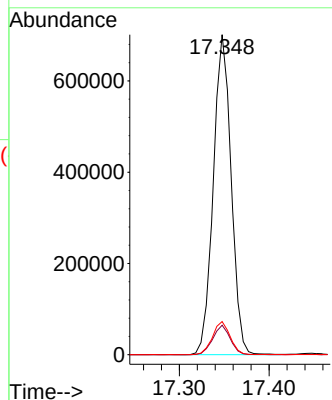
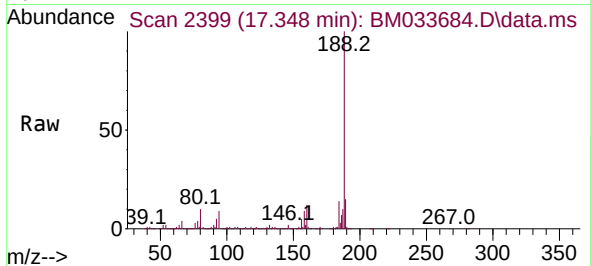




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

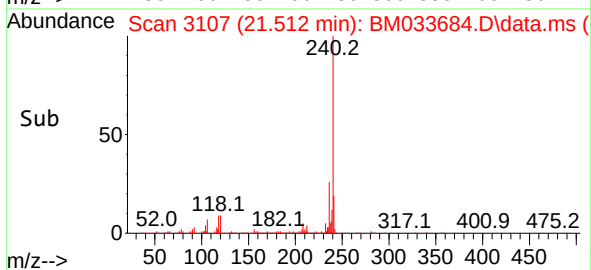
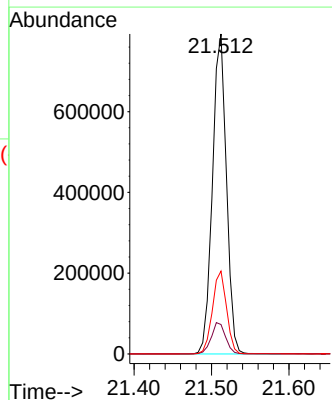
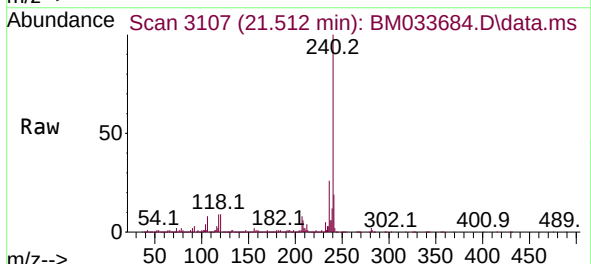
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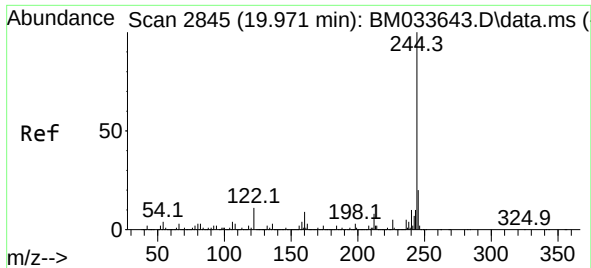
Tgt Ion:188 Resp: 969861
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM033684.D
Acq: 08 Jan 2022 00:16

Tgt Ion:240 Resp: 991690
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.9 20.3 30.5

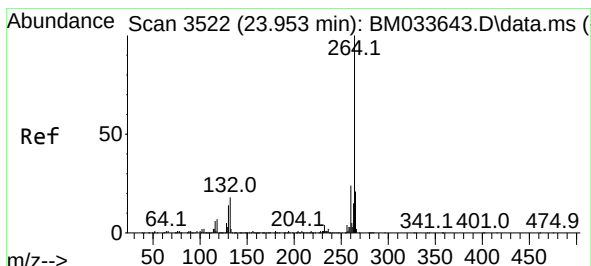
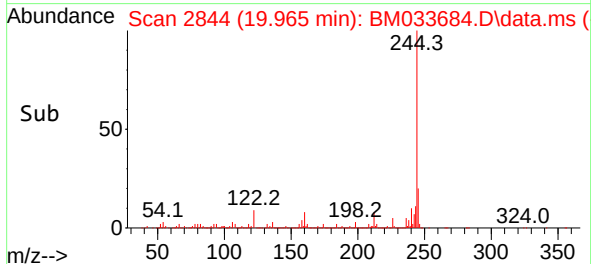
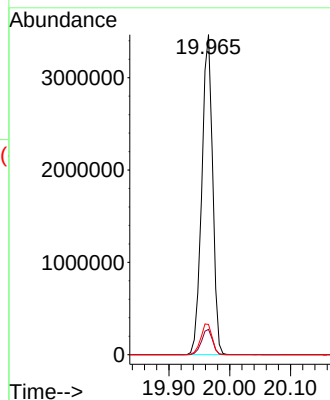
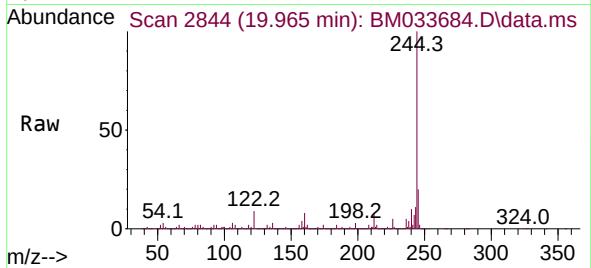




#79
 Terphenyl-d14
 Concen: 77.866 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033684.D
 Acq: 08 Jan 2022 00:16

Instrument :
 BNA_M
 ClientSampleId :
 FM-E1-01-4.5

Tgt Ion:244 Resp: 4289940
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.935 min Scan# 3519
 Delta R.T. -0.018 min
 Lab File: BM033684.D
 Acq: 08 Jan 2022 00:16

Tgt Ion:264 Resp: 858637
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.7 26.5
 265 22.0 17.7 26.5

