

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034315.D
 Acq On : 22 Mar 2022 18:13
 Operator : CG/JU
 Sample : N1977-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-20220315

Quant Time: Mar 23 05:05:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	153809	20.000	ng	-0.01
21) Naphthalene-d8	10.748	136	591131	20.000	ng	-0.02
39) Acenaphthene-d10	14.577	164	352817	20.000	ng	-0.01
64) Phenanthrene-d10	17.318	188	713685	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	715667	20.000	ng	-0.01
86) Perylene-d12	23.900	264	754039	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	505646	58.976	ng	-0.01
7) Phenol-d6	7.095	99	377000	30.711	ng	-0.01
23) Nitrobenzene-d5	9.101	82	1075562	88.585	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	579307	121.818	ng	-0.01
45) 2-Fluorobiphenyl	13.207	172	2250985	87.183	ng	-0.01
79) Terphenyl-d14	19.936	244	3478789	84.464	ng	-0.01

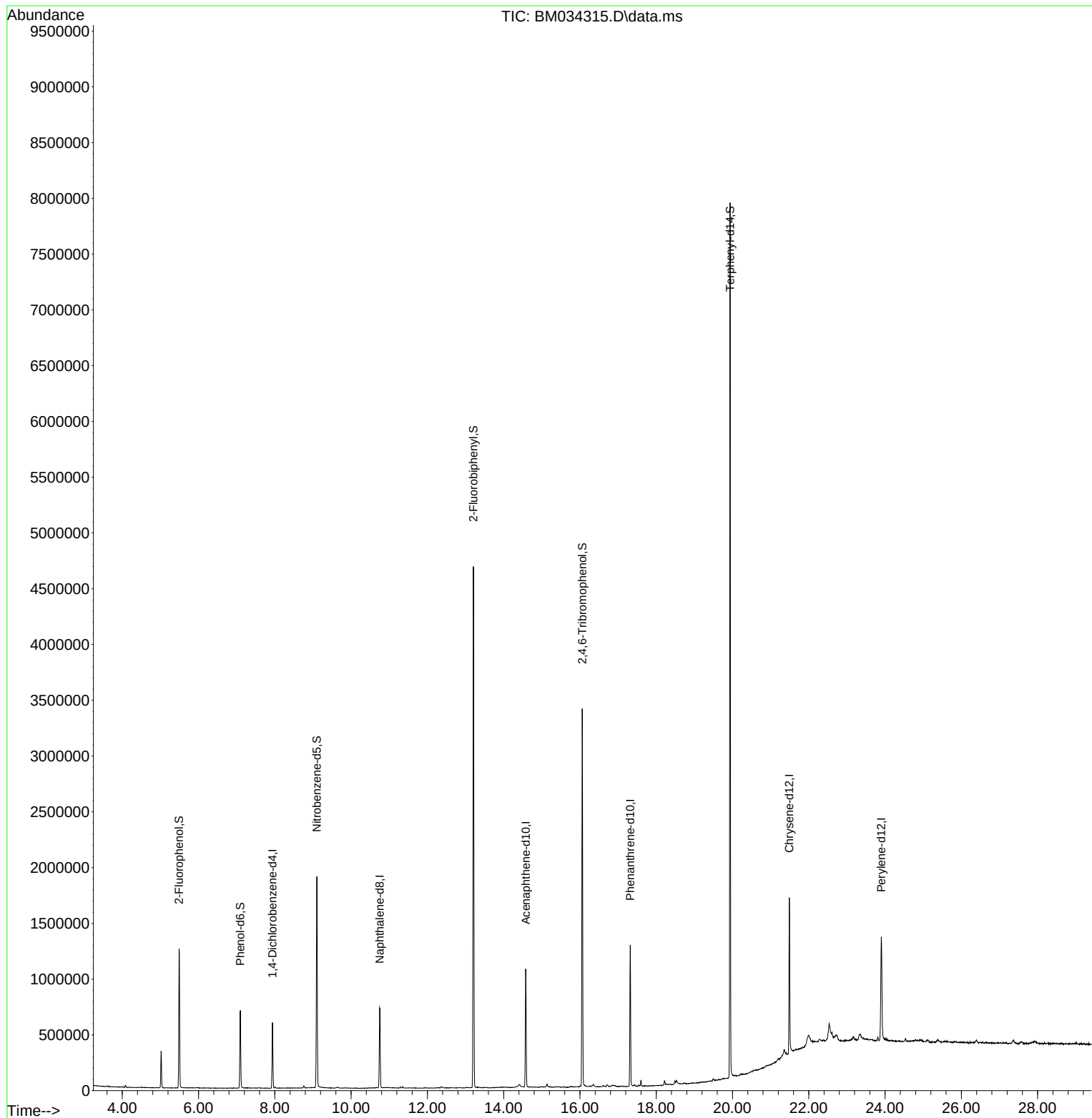
Target Compounds	Qvalue

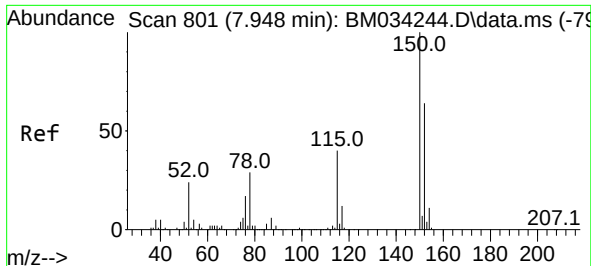
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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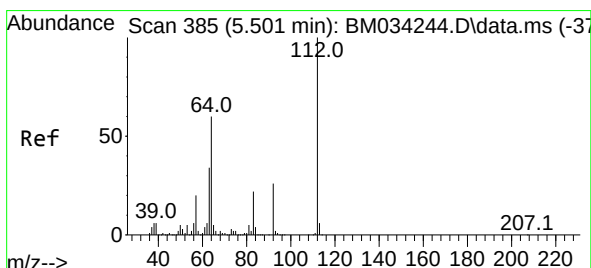
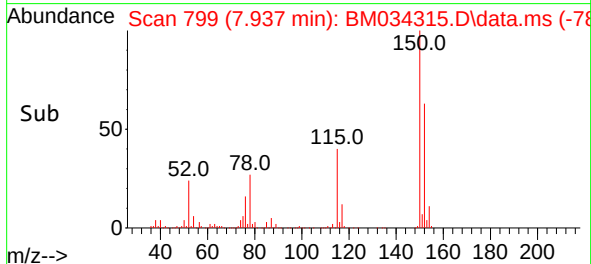
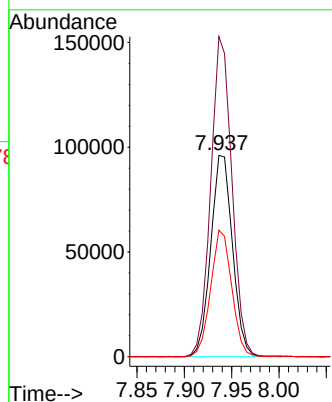
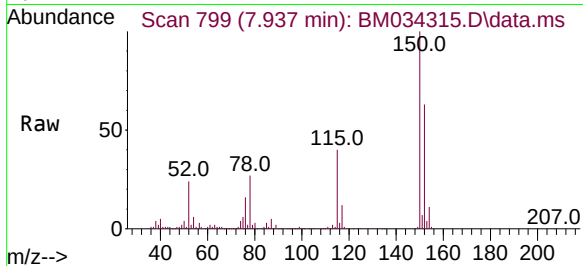




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.011 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

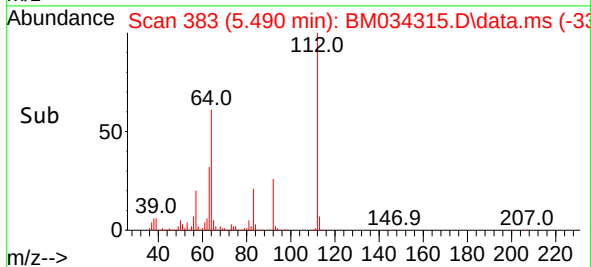
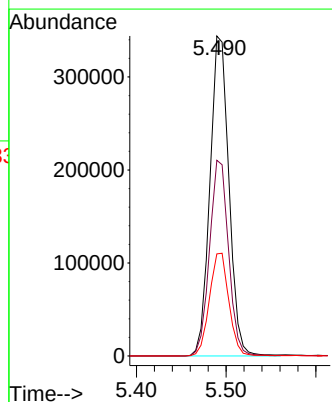
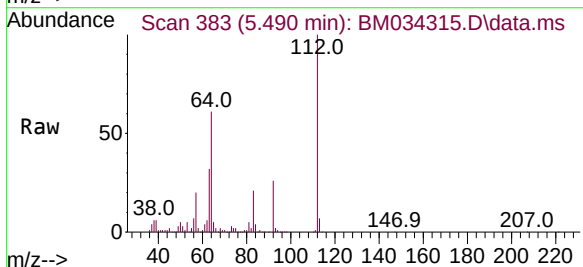
Instrument :
BNA_M
ClientSampleId :
EB-20220315

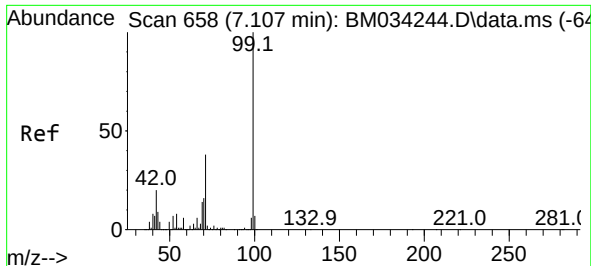
Tgt Ion:152 Resp: 153809
Ion Ratio Lower Upper
152 100
150 158.9 125.4 188.2
115 62.9 50.1 75.1



#5
2-Fluorophenol
Concen: 58.976 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.012 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

Tgt Ion:112 Resp: 505646
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.9 27.1 40.7

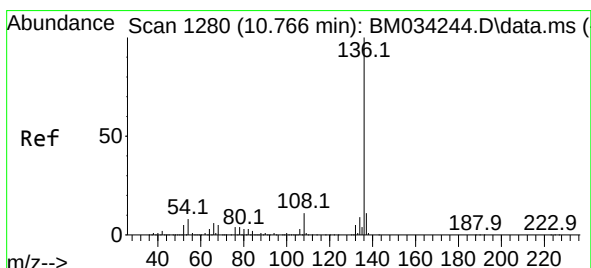
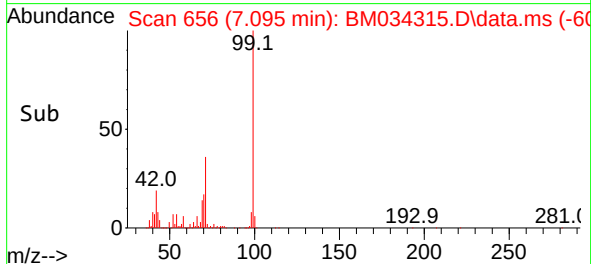
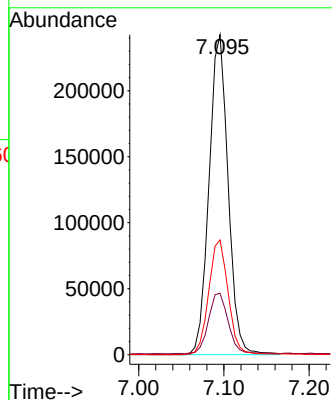
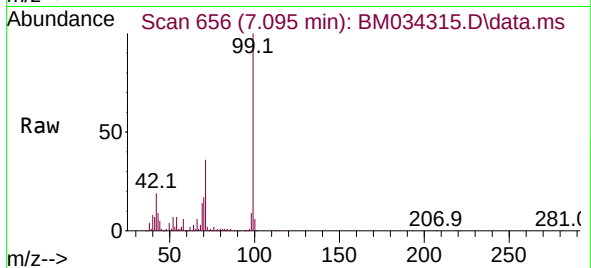




#7
Phenol-d6
Concen: 30.711 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

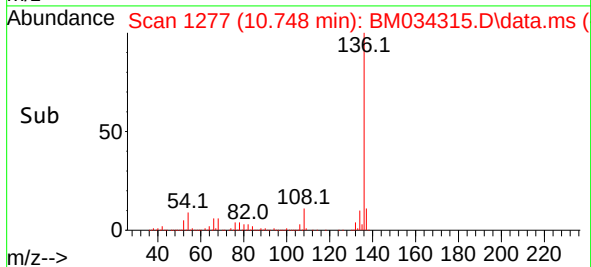
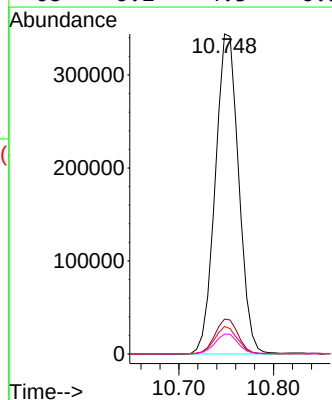
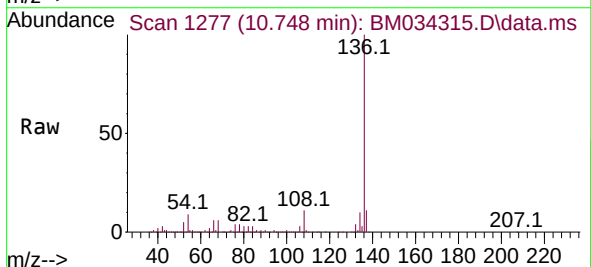
Instrument :
BNA_M
ClientSampleId :
EB-20220315

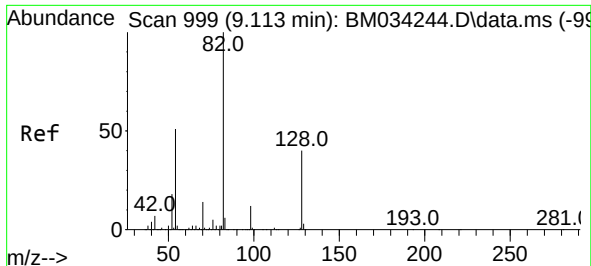
Tgt Ion: 99 Resp: 377000
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 35.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.018 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

Tgt Ion: 136 Resp: 591131
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.2 9.4
68 6.2 4.3 6.5

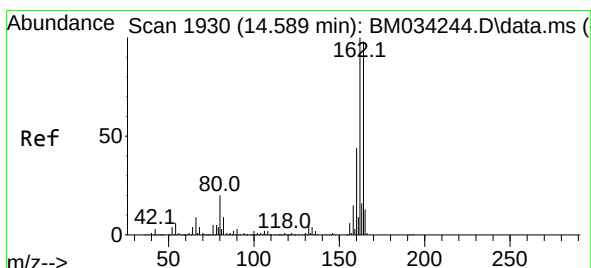
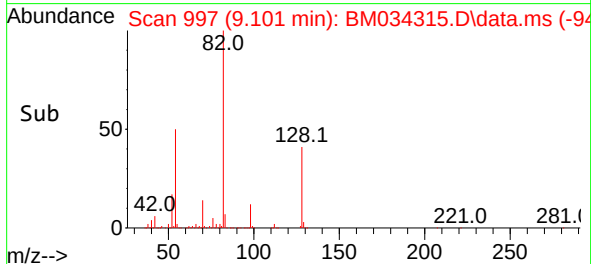
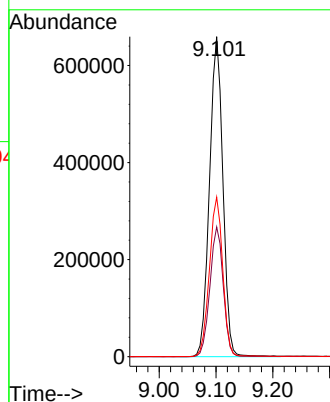
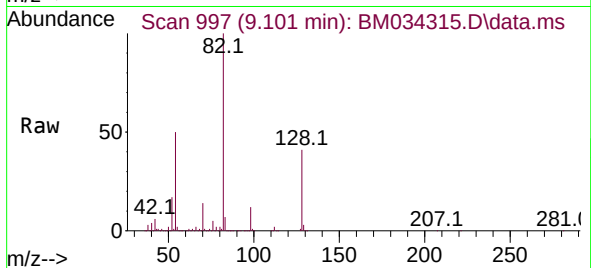




#23
Nitrobenzene-d5
Concen: 88.585 ng
RT: 9.101 min Scan# 999
Delta R.T. -0.012 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

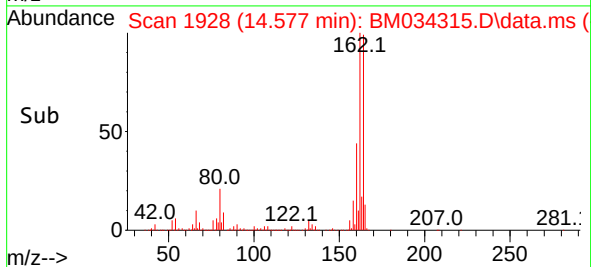
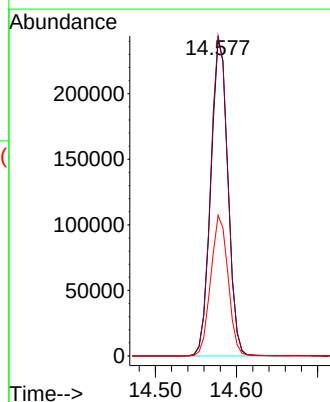
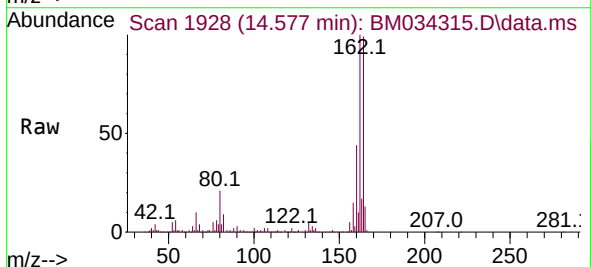
Instrument :
BNA_M
ClientSampleId :
EB-20220315

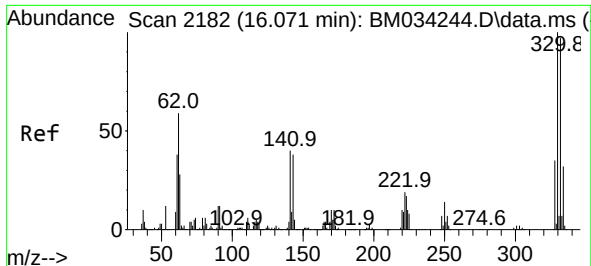
Tgt Ion: 82 Resp: 1075562
Ion Ratio Lower Upper
82 100
128 40.6 31.9 47.9
54 49.8 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM034315.D
Acq: 22 Mar 2022 18:13

Tgt Ion: 164 Resp: 352817
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 121.818 ng

RT: 16.060 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BM034315.D

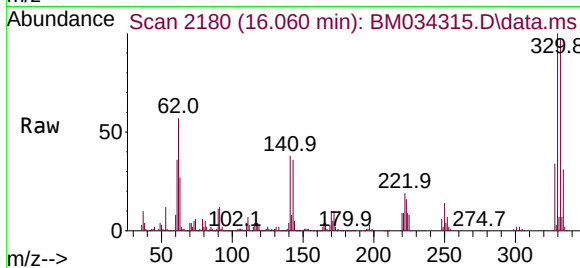
Acq: 22 Mar 2022 18:13

Instrument :

BNA_M

ClientSampleId :

EB-20220315



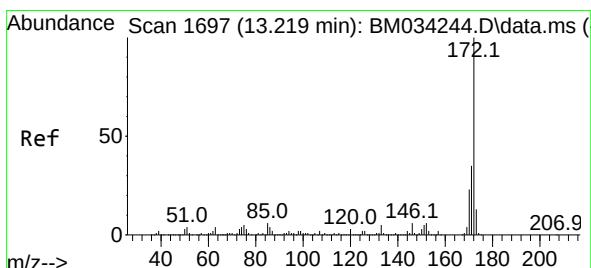
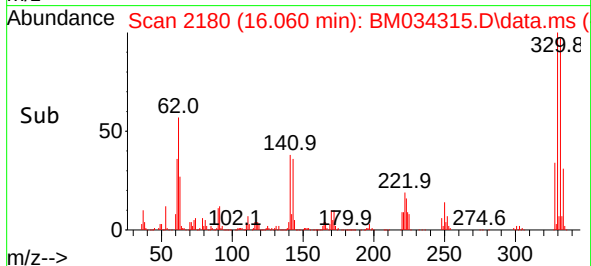
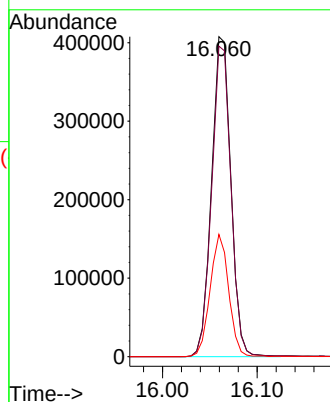
Tgt Ion:330 Resp: 579307

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 36.8 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 87.183 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.012 min

Lab File: BM034315.D

Acq: 22 Mar 2022 18:13

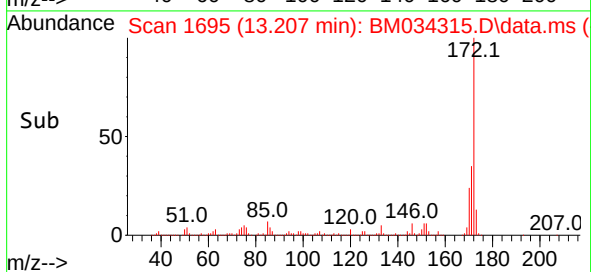
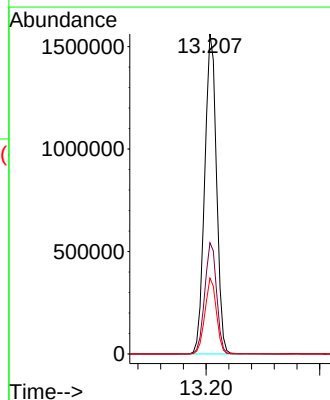
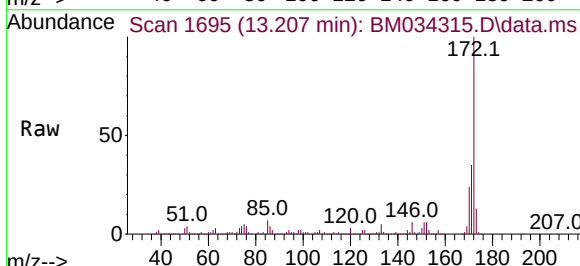
Tgt Ion:172 Resp: 2250985

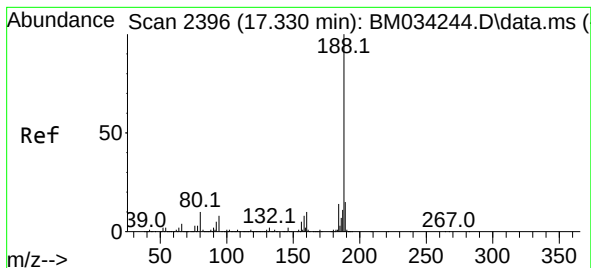
Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM034315.D

Acq: 22 Mar 2022 18:13

Instrument :

BNA_M

ClientSampleId :

EB-20220315

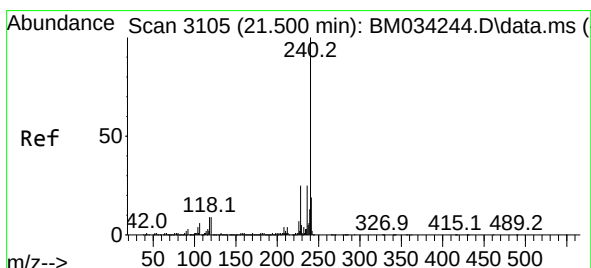
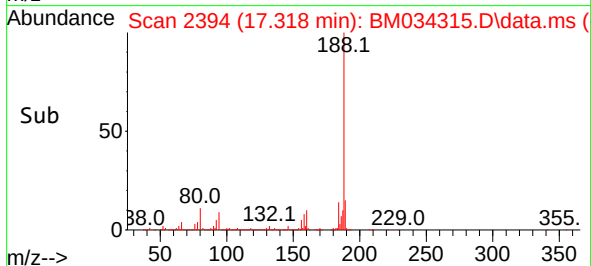
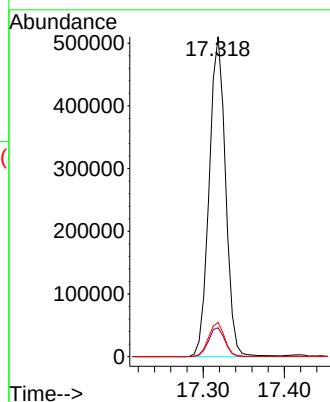
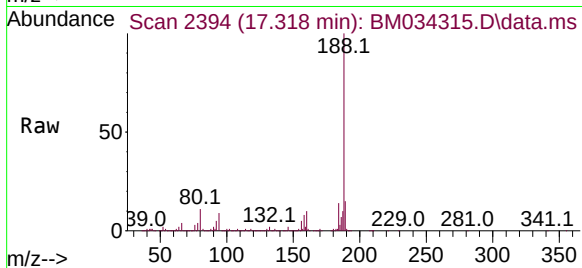
Tgt Ion:188 Resp: 713685

Ion Ratio Lower Upper

188 100

94 9.1 6.6 9.8

80 10.7 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3103

Delta R.T. -0.012 min

Lab File: BM034315.D

Acq: 22 Mar 2022 18:13

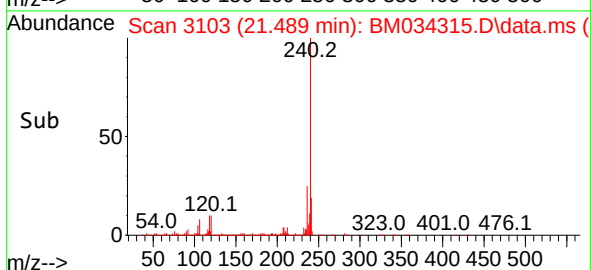
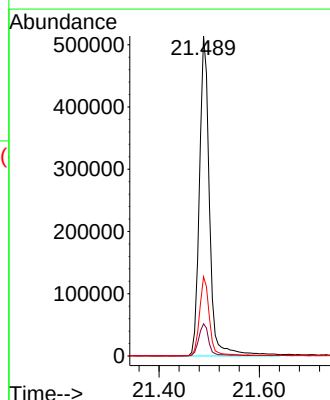
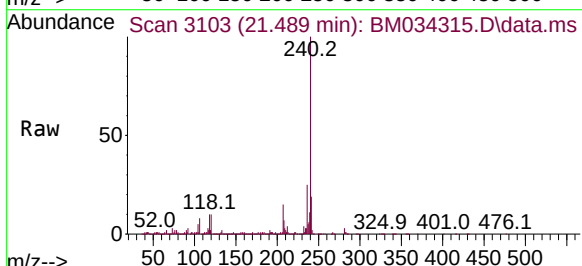
Tgt Ion:240 Resp: 715667

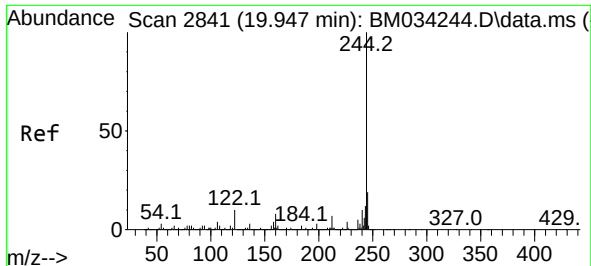
Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

236 24.8 20.2 30.2

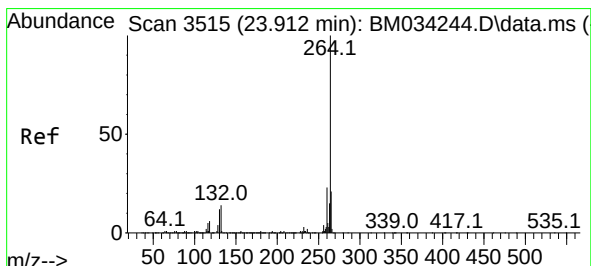
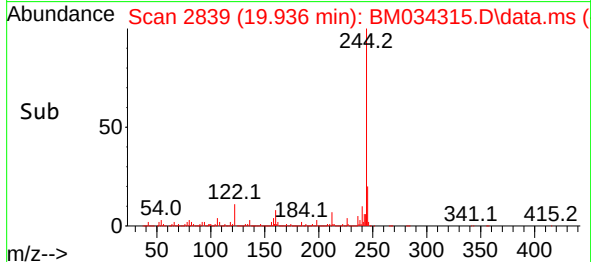
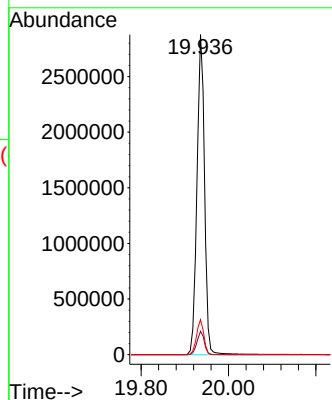
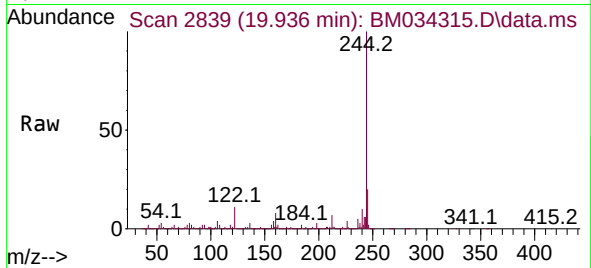




#79
 Terphenyl-d14
 Concen: 84.464 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034315.D
 Acq: 22 Mar 2022 18:13

Instrument :
 BNA_M
 ClientSampleId :
 EB-20220315

Tgt Ion:244 Resp: 3478789
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.012 min
 Lab File: BM034315.D
 Acq: 22 Mar 2022 18:13

Tgt Ion:264 Resp: 754039
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.3 17.6 26.4

