

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034317.D
 Acq On : 22 Mar 2022 19:26
 Operator : CG/JU
 Sample : N1977-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-14-20220315-18.5-19.5

Quant Time: Mar 23 05:06:13 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	142100	20.000	ng	-0.01
21) Naphthalene-d8	10.748	136	539739	20.000	ng	-0.02
39) Acenaphthene-d10	14.578	164	323288	20.000	ng	-0.01
64) Phenanthrene-d10	17.319	188	648201	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	660928	20.000	ng	-0.01
86) Perylene-d12	23.900	264	717464	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	853199	107.713	ng	-0.01
7) Phenol-d6	7.096	99	1075768	94.856	ng	-0.01
23) Nitrobenzene-d5	9.101	82	700559	63.193	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	398236	91.391	ng	-0.01
45) 2-Fluorobiphenyl	13.207	172	1375408	58.136	ng	-0.01
79) Terphenyl-d14	19.936	244	2182066	57.368	ng	-0.01

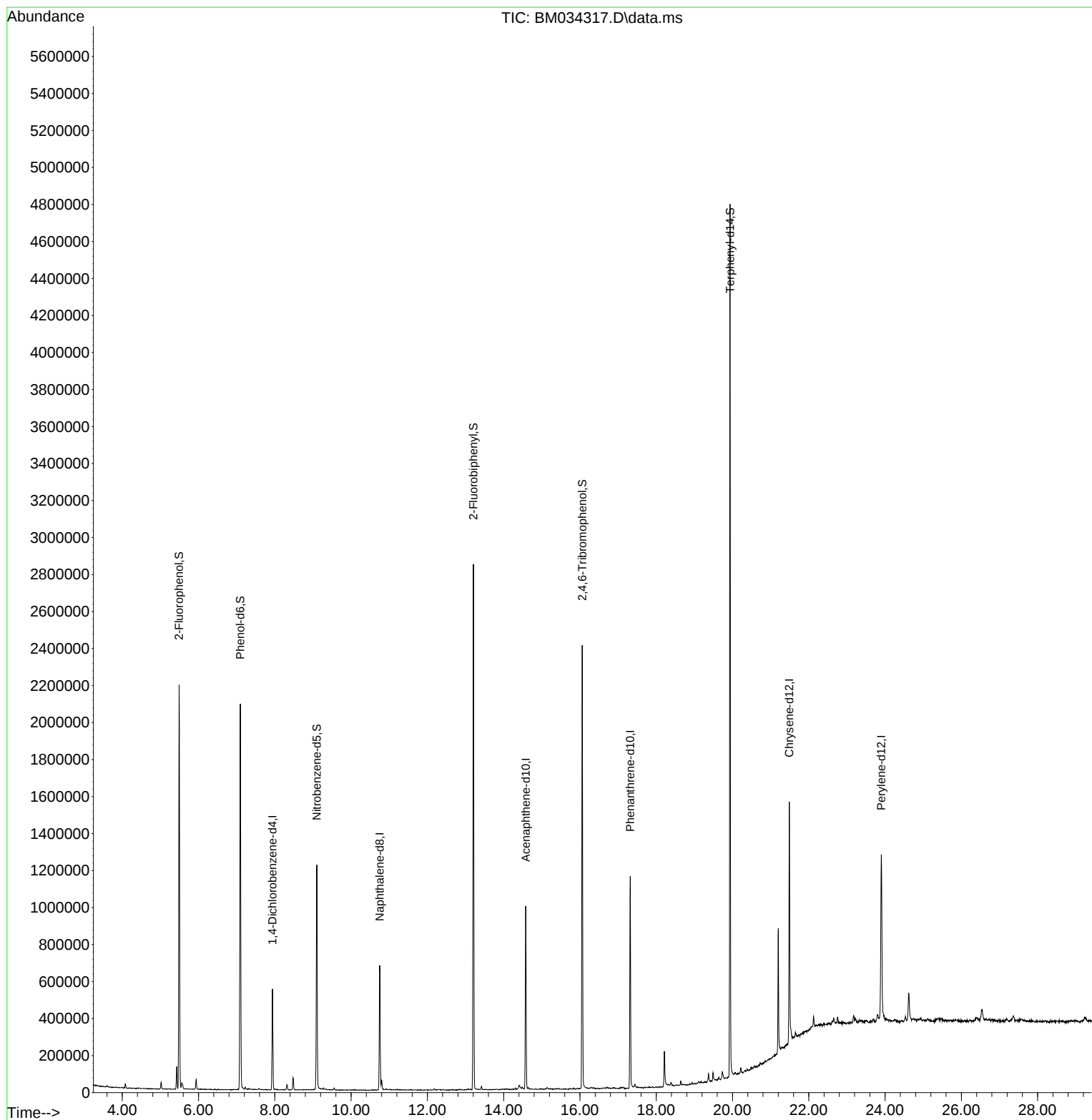
Target Compounds	Qvalue

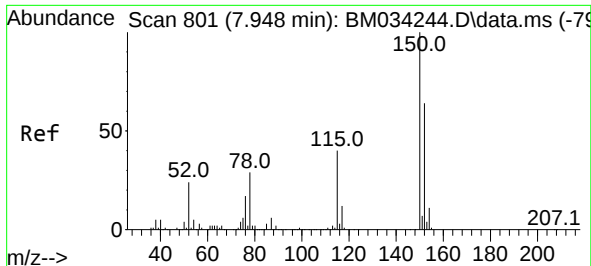
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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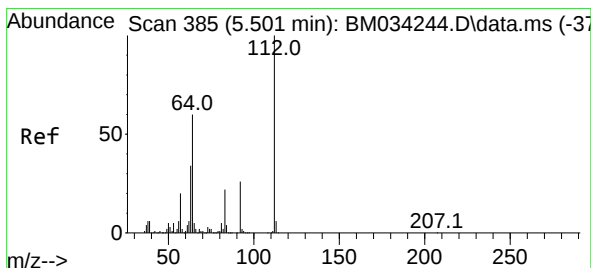
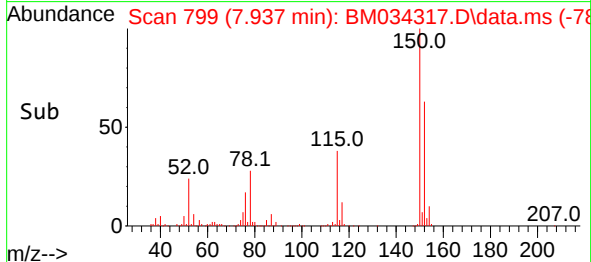
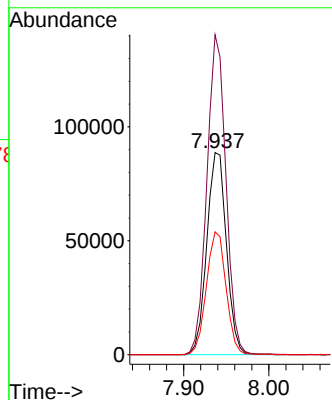
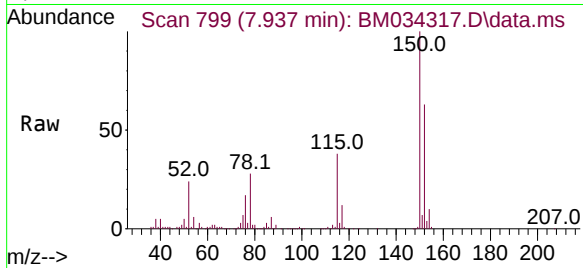




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.011 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

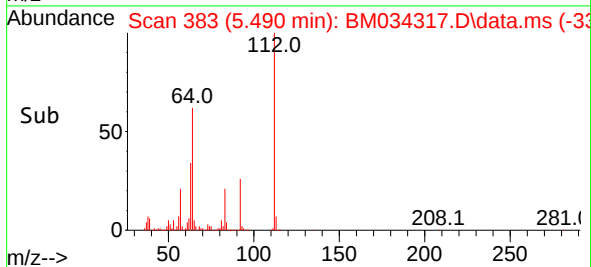
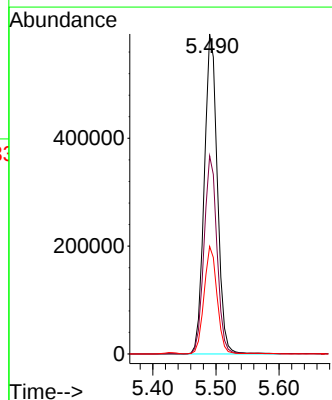
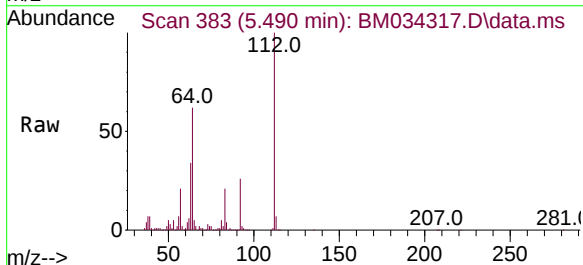
Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-18.5-19.5

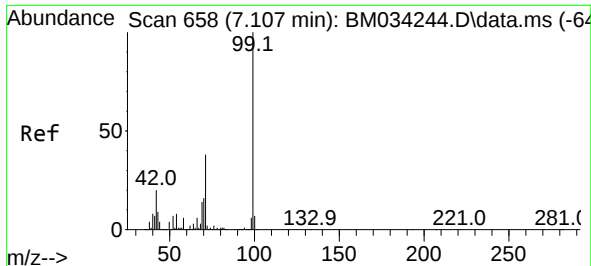
Tgt Ion:152 Resp: 142100
Ion Ratio Lower Upper
152 100
150 158.3 125.4 188.2
115 60.8 50.1 75.1



#5
2-Fluorophenol
Concen: 107.713 ng
RT: 5.490 min Scan# 383
Delta R.T. -0.011 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

Tgt Ion:112 Resp: 853199
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 33.6 27.1 40.7



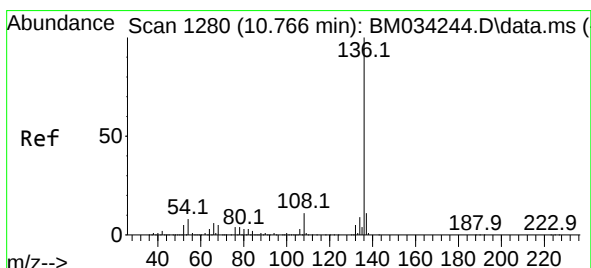
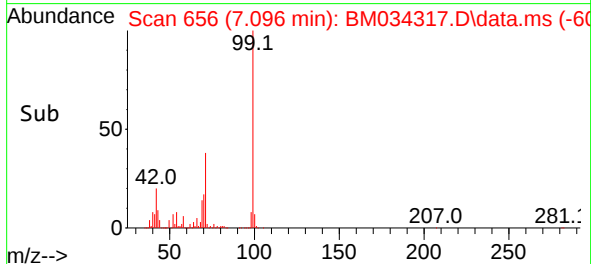
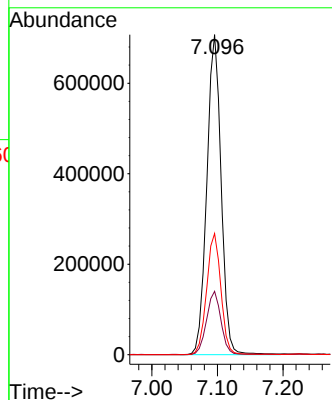
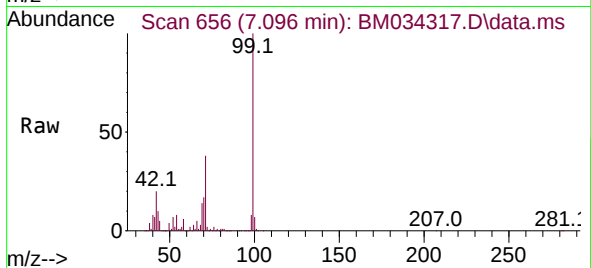


#7
Phenol-d6
Concen: 94.856 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.011 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-18.5-19.5

Tgt Ion: 99 Resp: 1075768

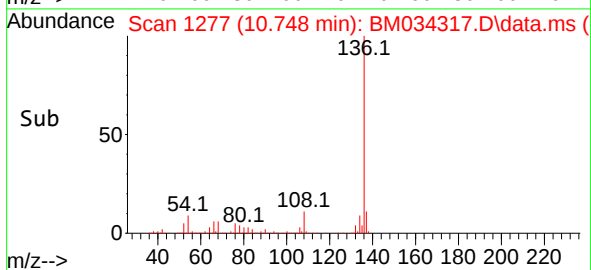
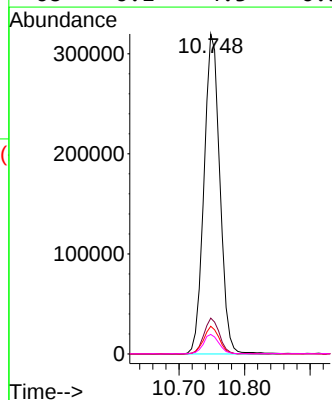
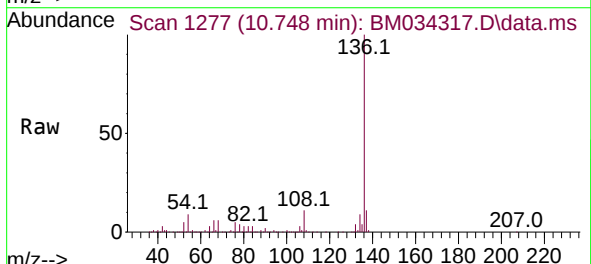
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	37.8	30.6	46.0

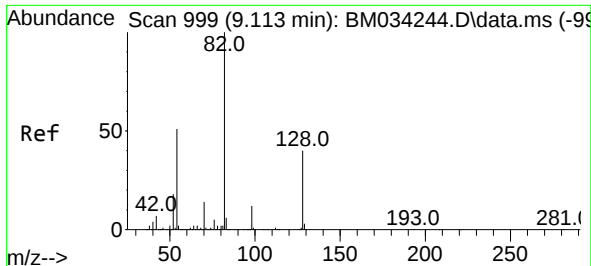


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 136 Resp: 539739

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.7	6.2	9.4
68	6.1	4.3	6.5

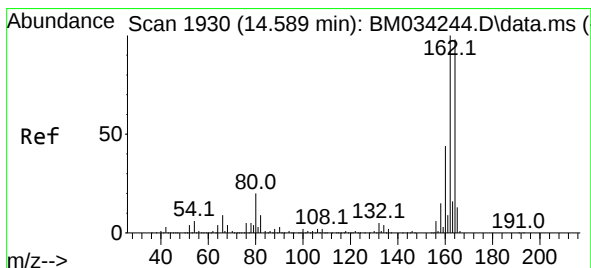
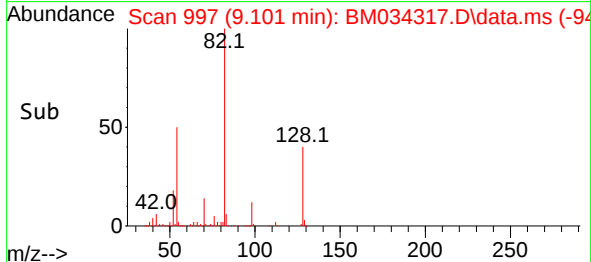
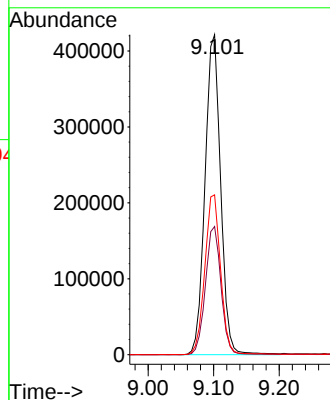
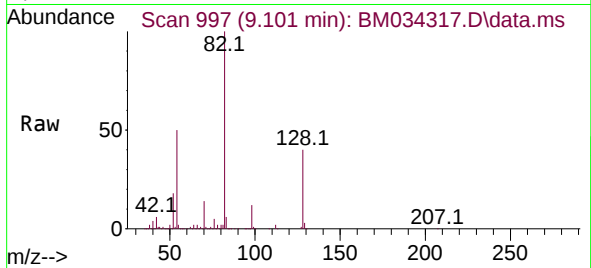




#23
Nitrobenzene-d5
Concen: 63.193 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

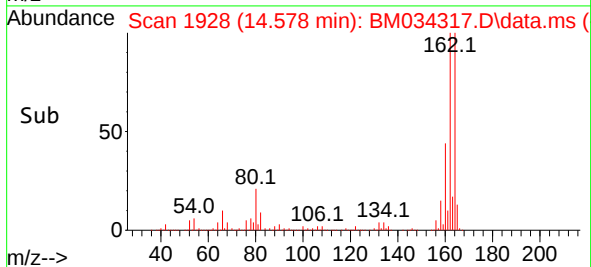
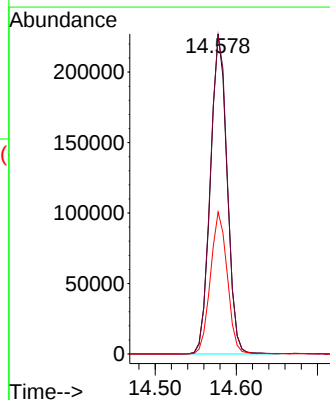
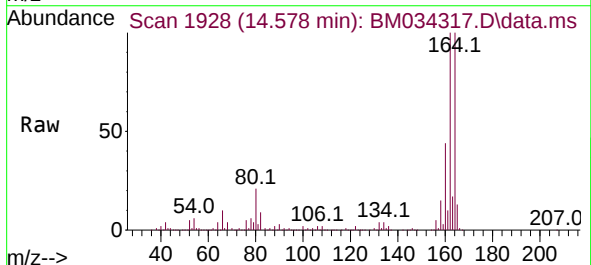
Instrument :
BNA_M
ClientSampleId :
SB-14-20220315-18.5-19.5

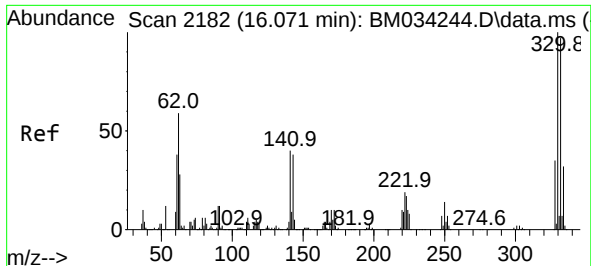
Tgt Ion: 82 Resp: 700559
Ion Ratio Lower Upper
82 100
128 40.0 31.9 47.9
54 49.9 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.578 min Scan# 1928
Delta R.T. -0.011 min
Lab File: BM034317.D
Acq: 22 Mar 2022 19:26

Tgt Ion: 164 Resp: 323288
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 91.391 ng

RT: 16.060 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM034317.D

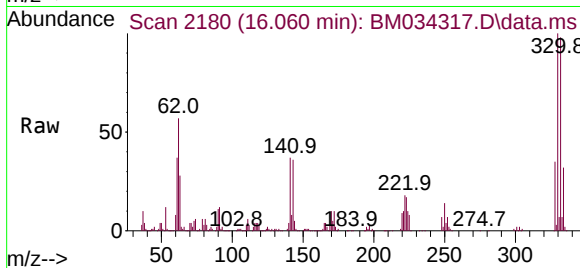
Acq: 22 Mar 2022 19:26

Instrument :

BNA_M

ClientSampleId :

SB-14-20220315-18.5-19.5



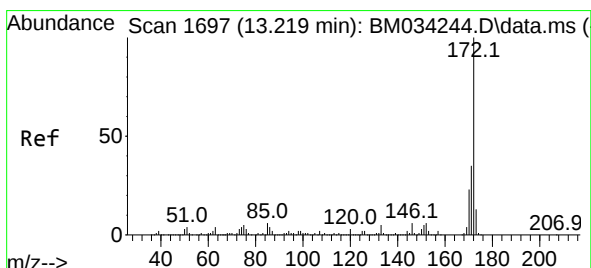
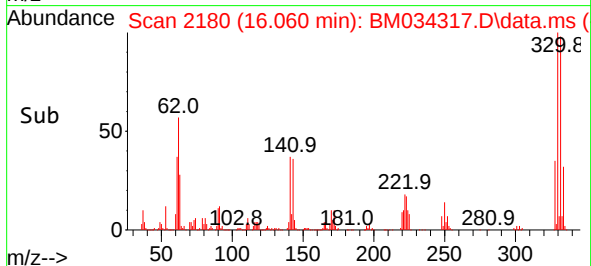
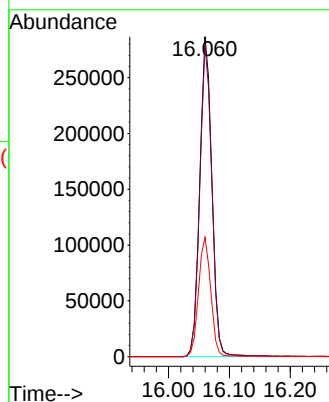
Tgt Ion:330 Resp: 398236

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 37.5 30.6 45.8



#45

2-Fluorobiphenyl

Concen: 58.136 ng

RT: 13.207 min Scan# 1695

Delta R.T. -0.011 min

Lab File: BM034317.D

Acq: 22 Mar 2022 19:26

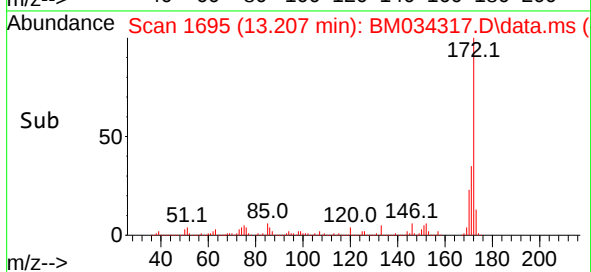
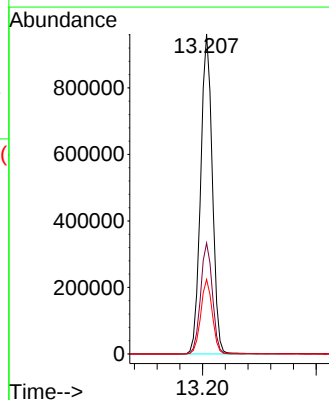
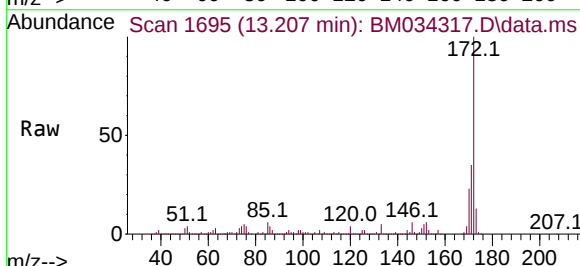
Tgt Ion:172 Resp: 1375408

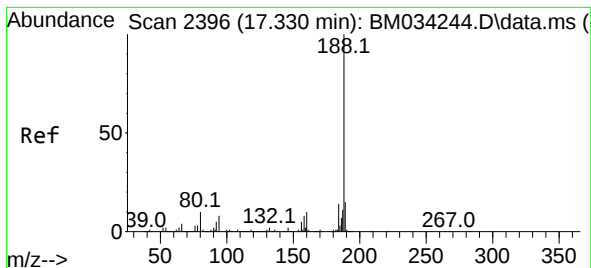
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM034317.D

Acq: 22 Mar 2022 19:26

Instrument :

BNA_M

ClientSampleId :

SB-14-20220315-18.5-19.5

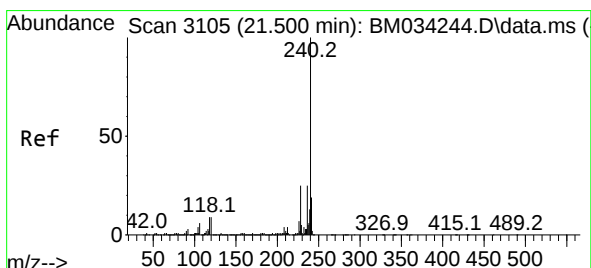
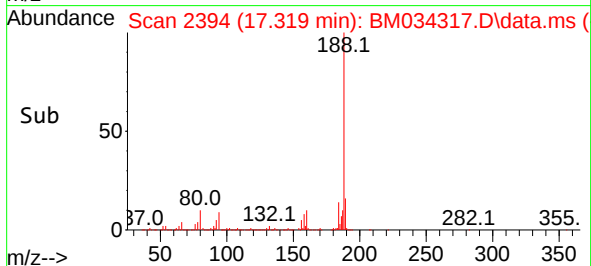
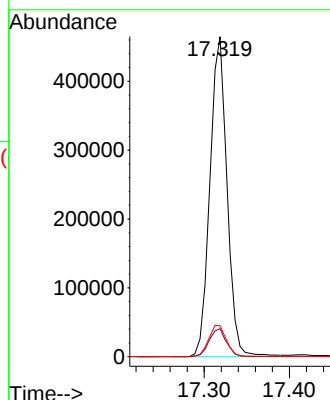
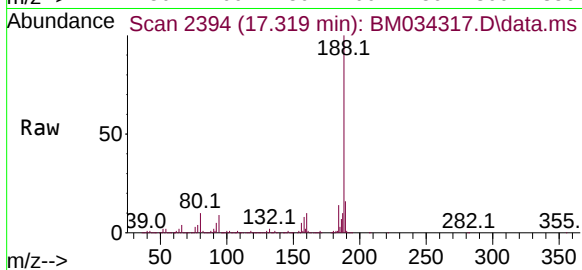
Tgt Ion:188 Resp: 648201

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 9.6 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.489 min Scan# 3103

Delta R.T. -0.011 min

Lab File: BM034317.D

Acq: 22 Mar 2022 19:26

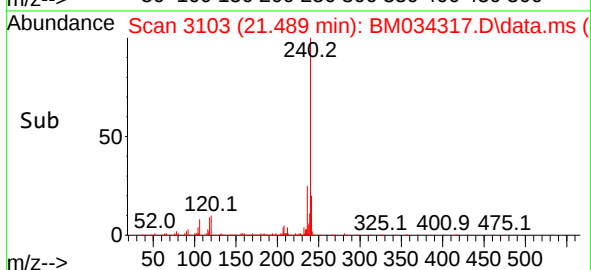
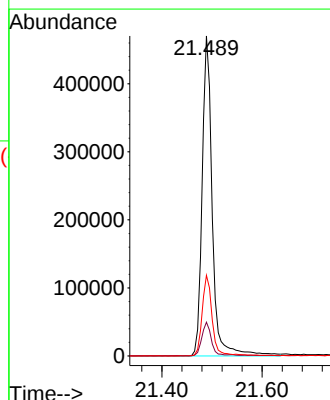
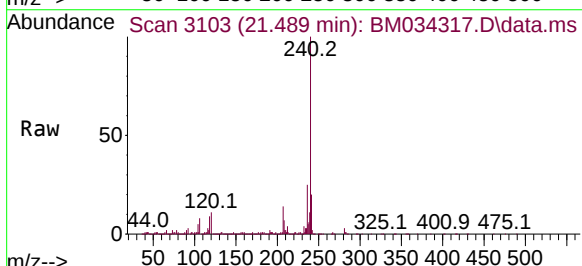
Tgt Ion:240 Resp: 660928

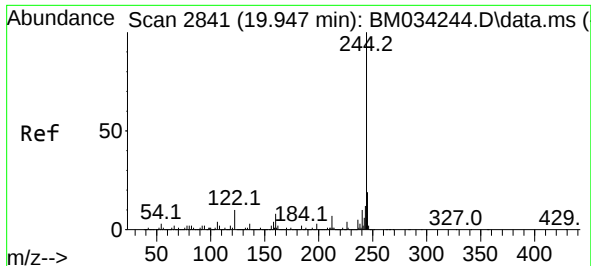
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.2 20.2 30.2

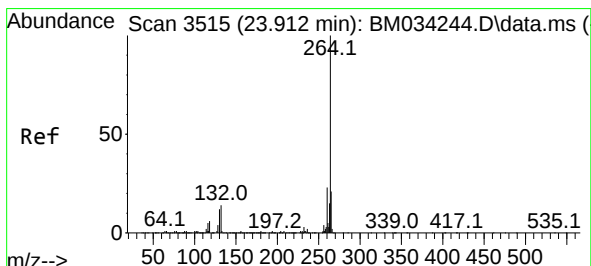
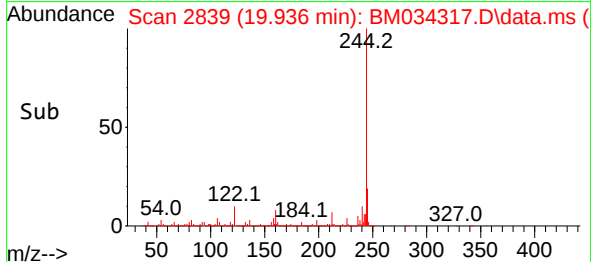
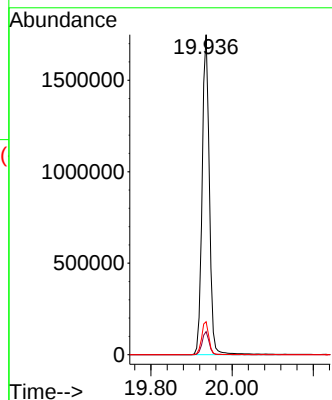
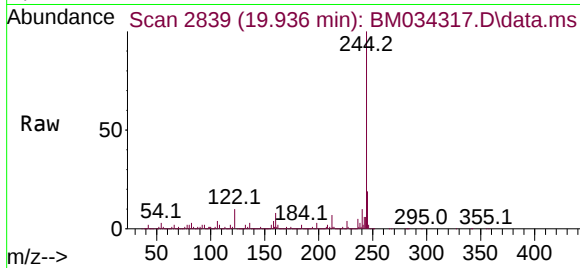




#79
 Terphenyl-d14
 Concen: 57.368 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM034317.D
 Acq: 22 Mar 2022 19:26

Instrument :
 BNA_M
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 SB-14-20220315-18.5-19.5

Tgt Ion:244 Resp: 2182066
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.900 min Scan# 3513
 Delta R.T. -0.011 min
 Lab File: BM034317.D
 Acq: 22 Mar 2022 19:26

Tgt Ion:264 Resp: 717464
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.9 17.6 26.4

