

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022423\
 Data File : BP013889.D
 Acq On : 24 Feb 2023 17:22
 Operator : CG/JU
 Sample : 01664-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1-0222

Quant Time: Feb 24 22:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	106682	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	412816	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	275794	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	612693	20.000	ng	0.00
76) Chrysene-d12	21.563	240	655041	20.000	ng	-0.01
86) Perylene-d12	24.116	264	747166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	416803	64.391	ng	0.00
7) Phenol-d6	7.246	99	319497	38.539	ng	0.00
23) Nitrobenzene-d5	9.275	82	878036	114.855	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	679165	169.172	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	2063290	98.264	ng	0.00
79) Terphenyl-d14	20.022	244	3292285	96.701	ng	0.00

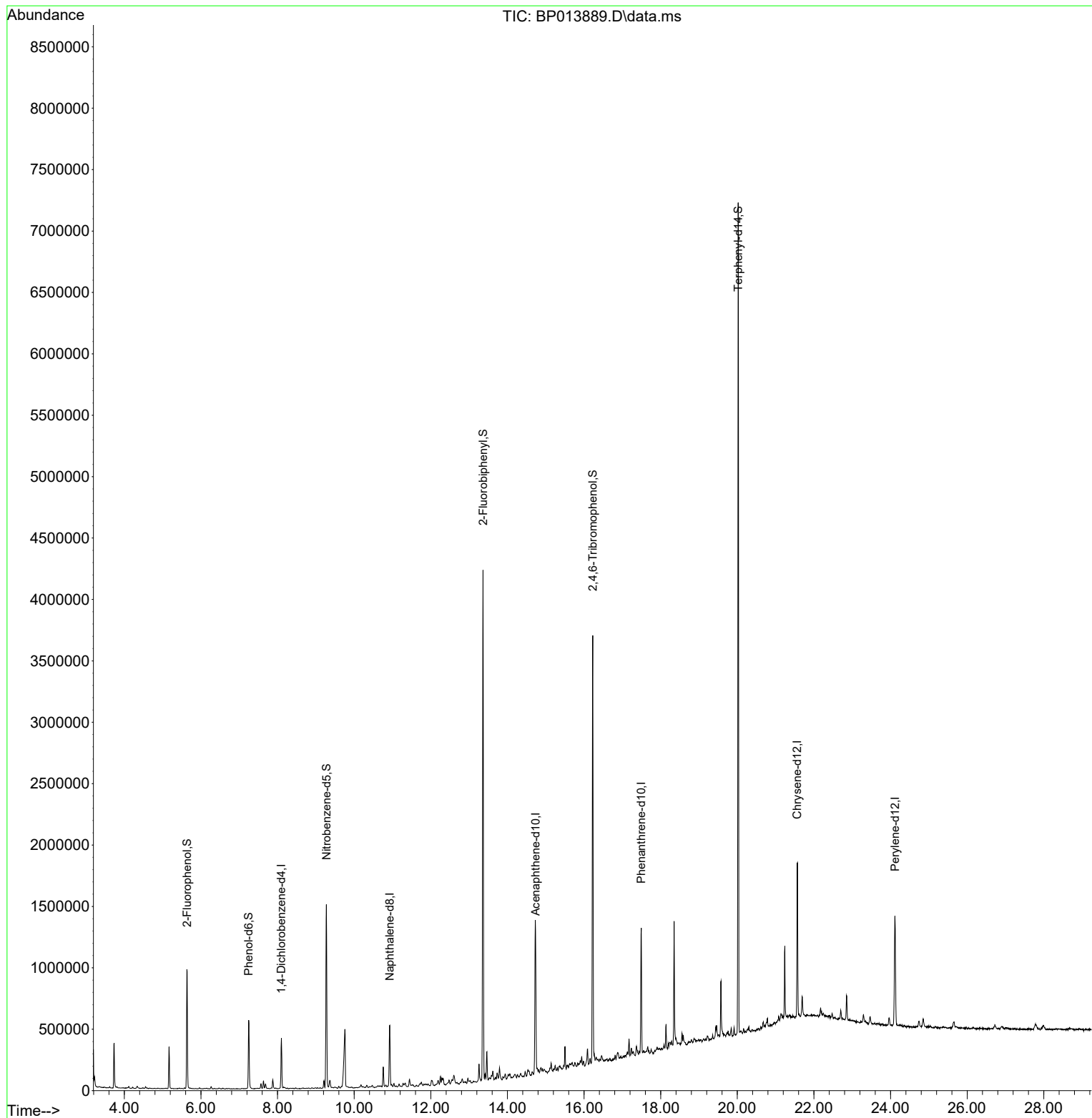
Target Compounds	Qvalue

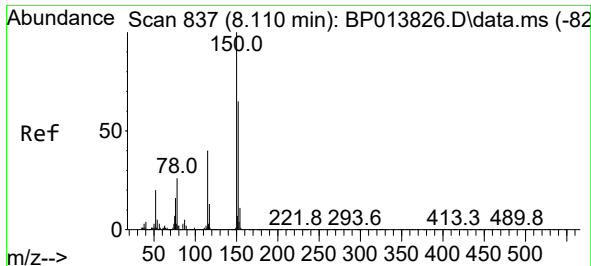
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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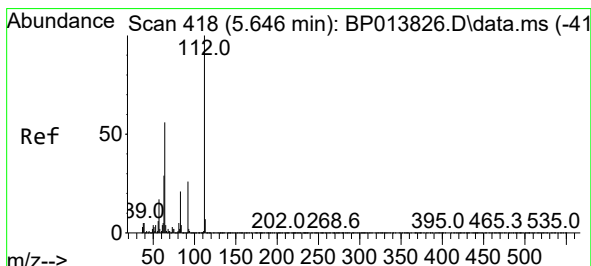
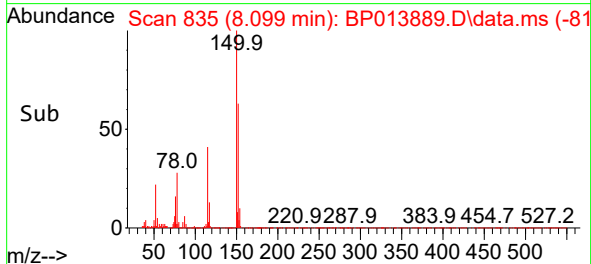
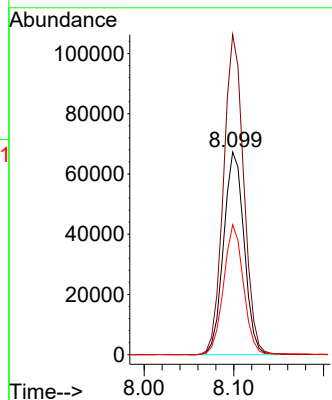
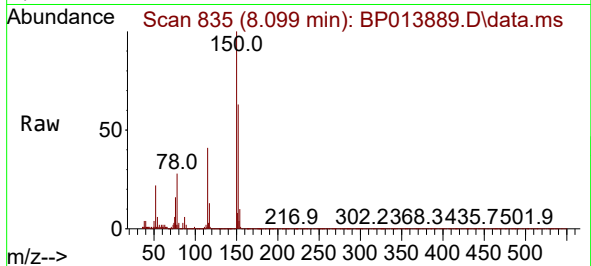




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

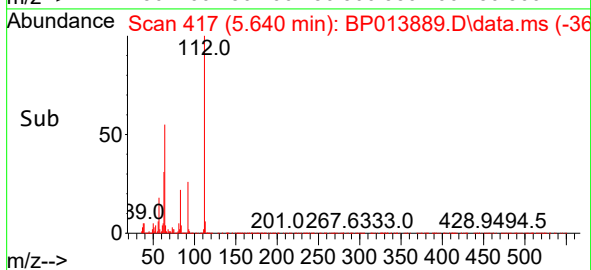
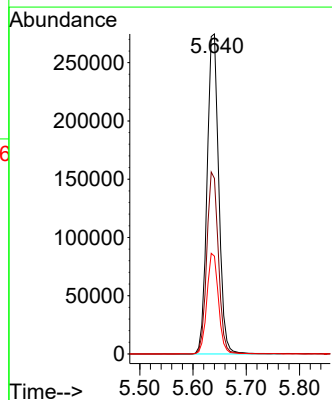
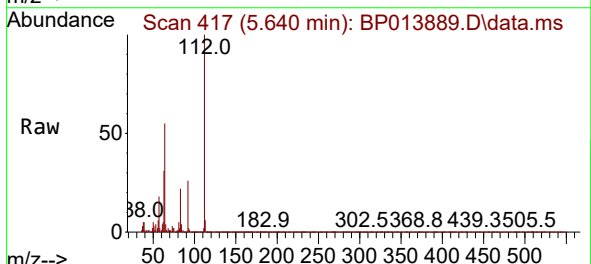
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

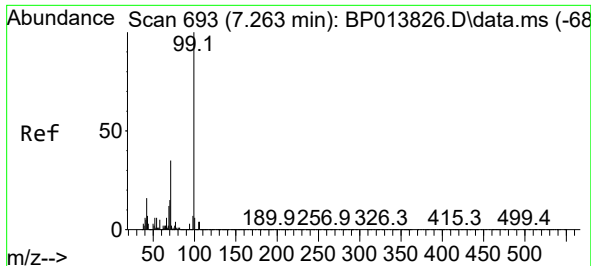
Tgt Ion:152 Resp: 106682
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 64.1 49.0 73.6



#5
2-Fluorophenol
Concen: 64.391 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:112 Resp: 416803
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 30.6 23.6 35.4

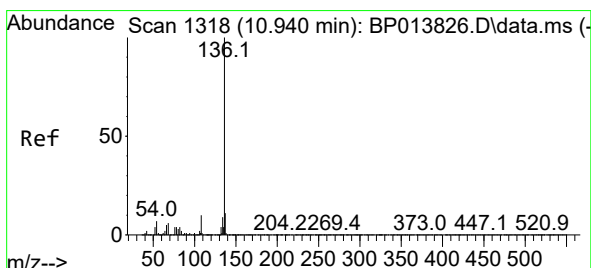
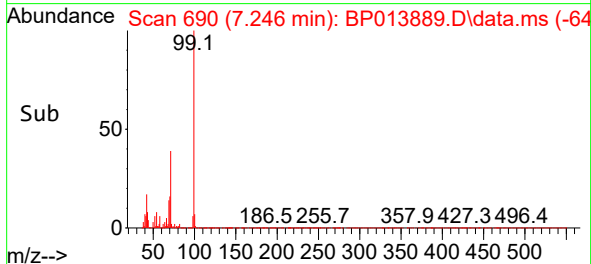
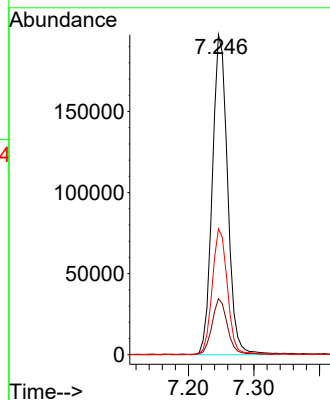
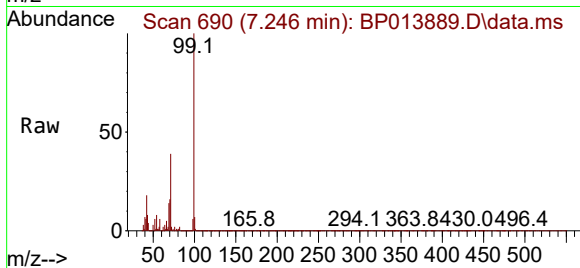




#7
Phenol-d6
Concen: 38.539 ng
RT: 7.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

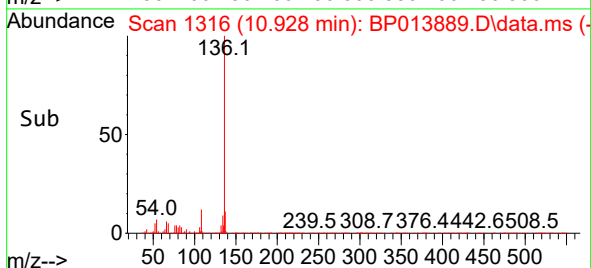
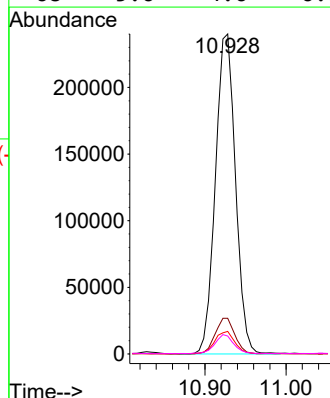
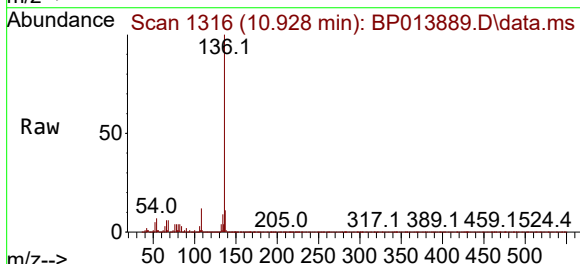
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

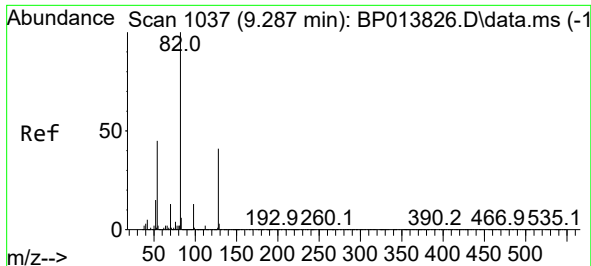
Tgt Ion:	99	Resp:	319497
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.5	18.7
71	39.3	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:	136	Resp:	412816
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	5.8	8.6
68	5.6	4.6	6.8

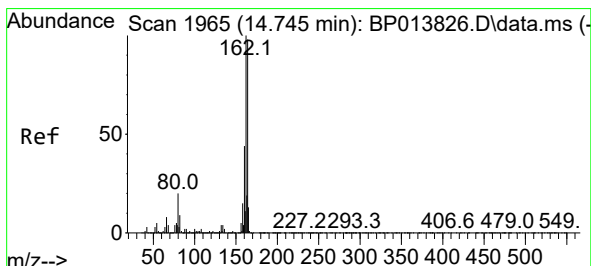
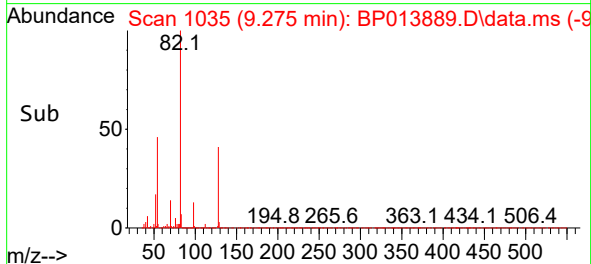
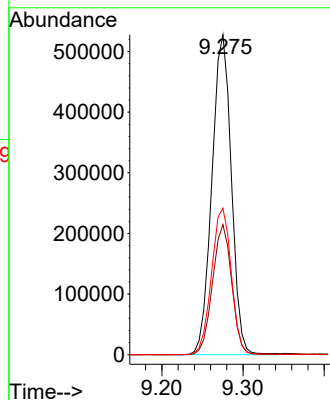
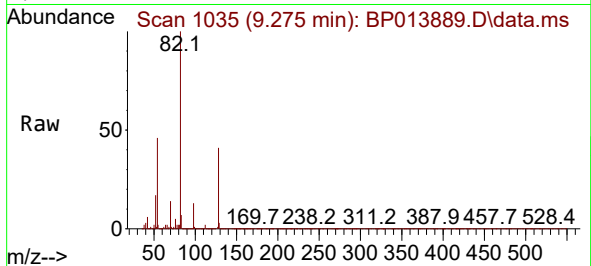




#23
Nitrobenzene-d5
Concen: 114.855 ng
RT: 9.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

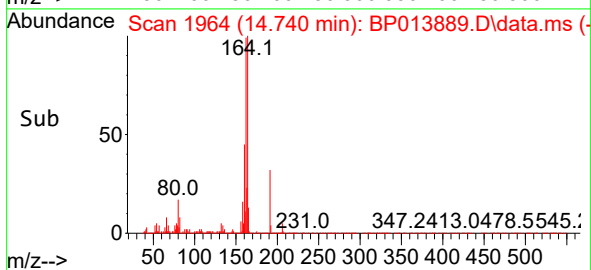
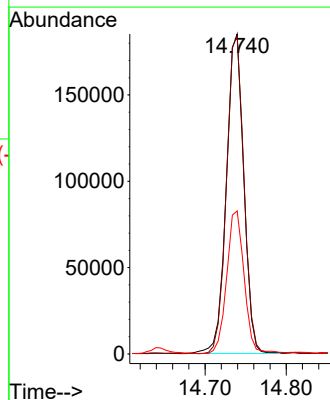
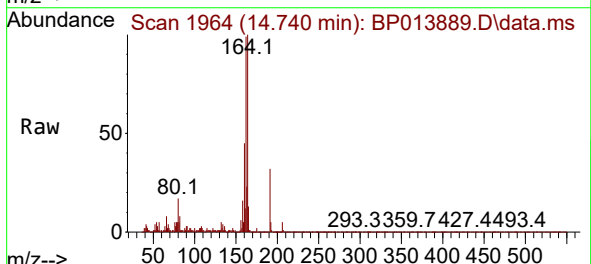
Instrument :
BNA_P
ClientSampleId :
MW-1-0222

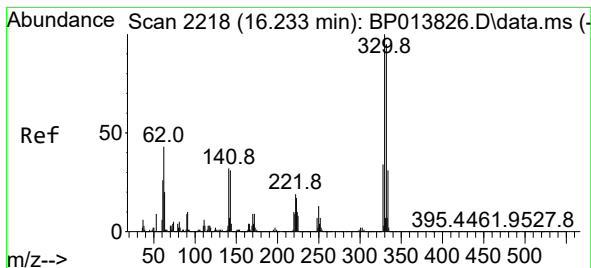
Tgt Ion: 82 Resp: 878036
Ion Ratio Lower Upper
82 100
128 40.7 32.9 49.3
54 45.8 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BP013889.D
Acq: 24 Feb 2023 17:22

Tgt Ion:164 Resp: 275794
Ion Ratio Lower Upper
164 100
162 99.2 81.7 122.5
160 44.7 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 169.172 ng

RT: 16.228 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222

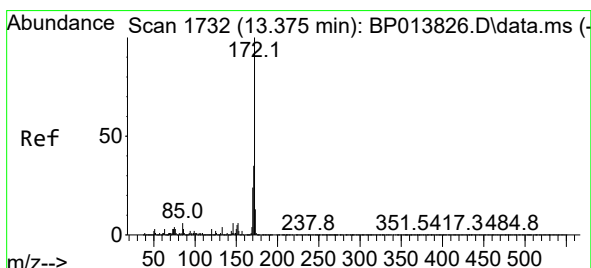
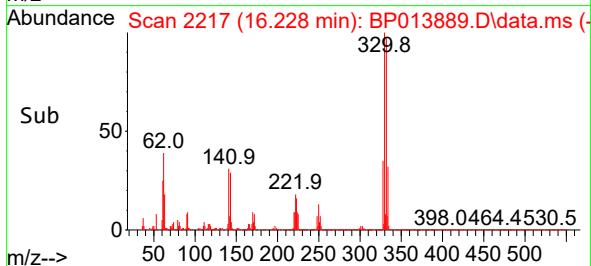
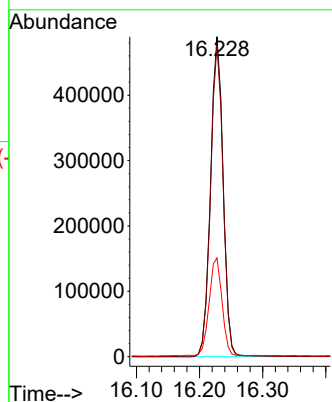
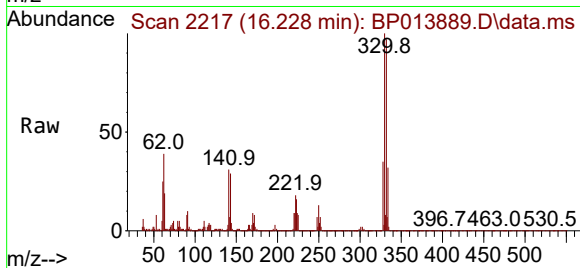
Tgt Ion:330 Resp: 679165

Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 31.8 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 98.264 ng

RT: 13.363 min Scan# 1730

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

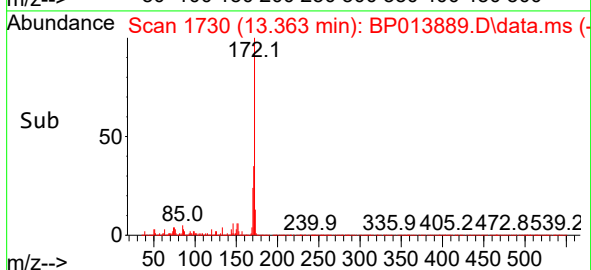
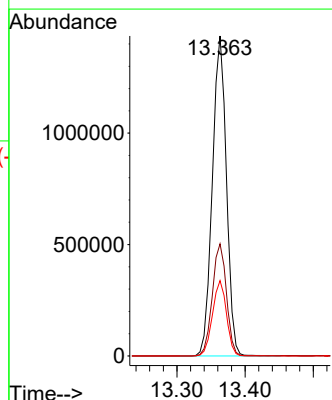
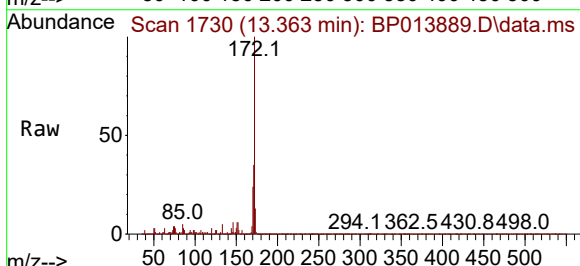
Tgt Ion:172 Resp: 2063290

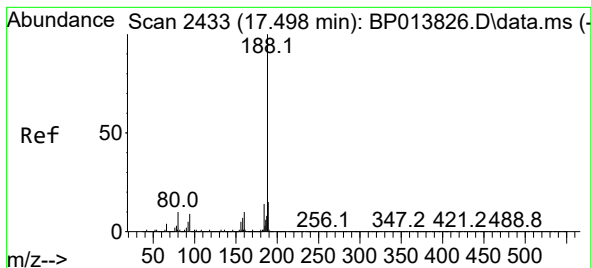
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.492 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Instrument :

BNA_P

ClientSampleId :

MW-1-0222

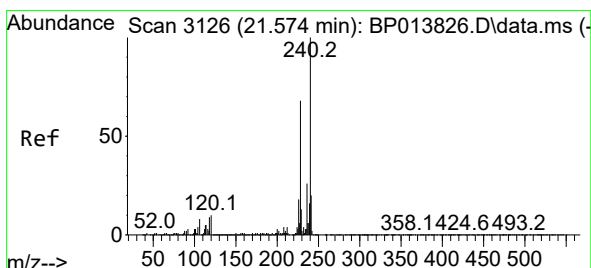
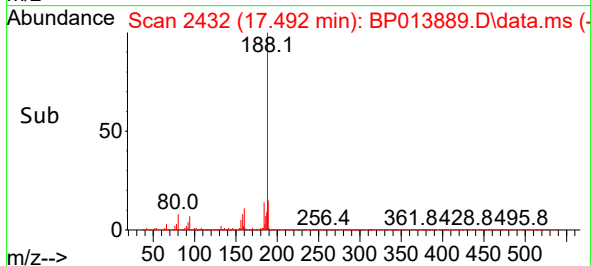
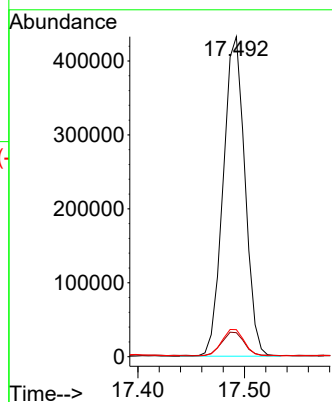
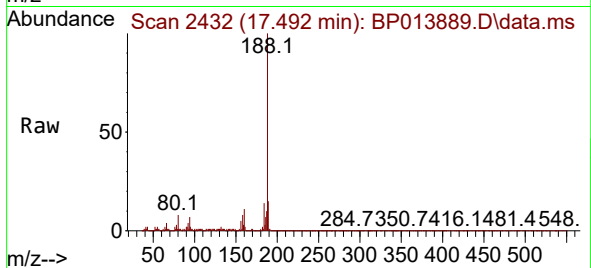
Tgt Ion:188 Resp: 612693

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.4 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

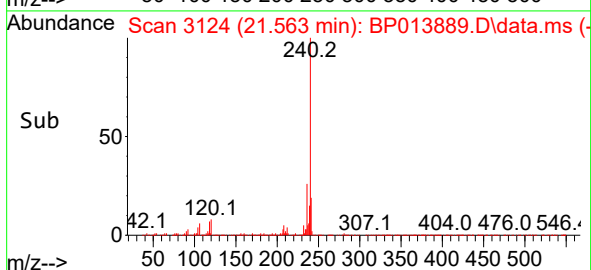
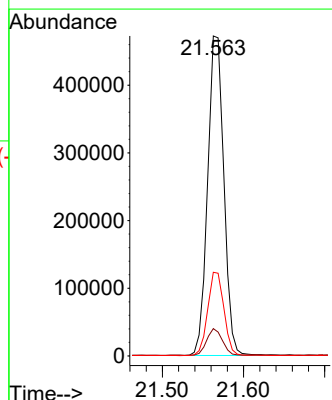
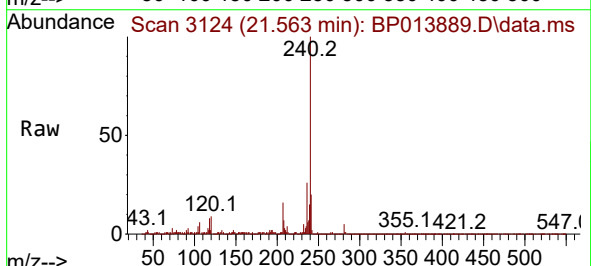
Tgt Ion:240 Resp: 655041

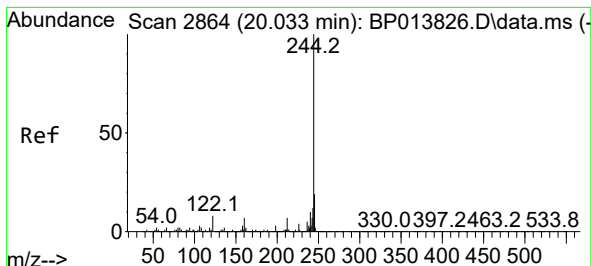
Ion Ratio Lower Upper

240 100

120 8.6 7.9 11.9

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 96.701 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

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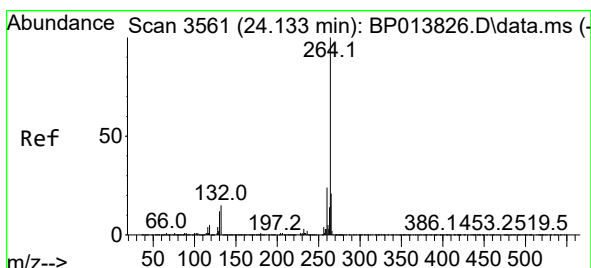
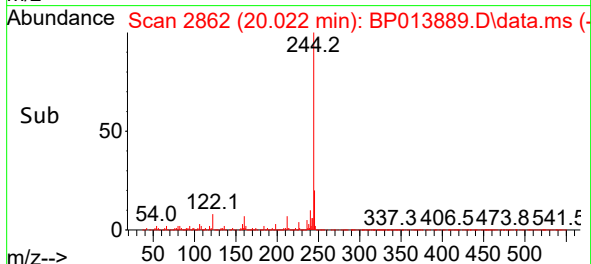
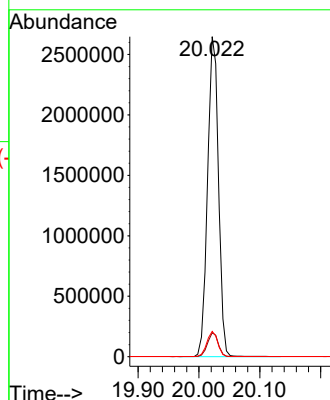
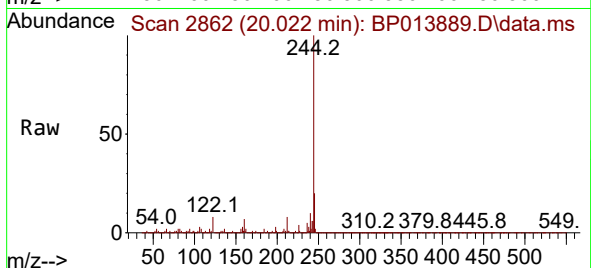
Tgt Ion:244 Resp: 3292285

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 7.9 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.116 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP013889.D

Acq: 24 Feb 2023 17:22

Tgt Ion:264 Resp: 747166

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.3 17.6 26.4

