

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
 Data File : BP013849.D
 Acq On : 17 Feb 2023 17:23
 Operator : CG/JU
 Sample : 01581-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-C

Quant Time: Feb 17 22:05:18 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 17 18:05:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	159484	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	578975	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	338046	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	760292	20.000	ng	0.00
76) Chrysene-d12	21.575	240	869217	20.000	ng	0.00
86) Perylene-d12	24.133	264	1034804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1138605	117.663	ng	0.00
7) Phenol-d6	7.258	99	1417594	114.384	ng	0.00
23) Nitrobenzene-d5	9.281	82	853318	79.587	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	570176	115.870	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1931171	75.035	ng	0.00
79) Terphenyl-d14	20.033	244	3222630	71.332	ng	0.00

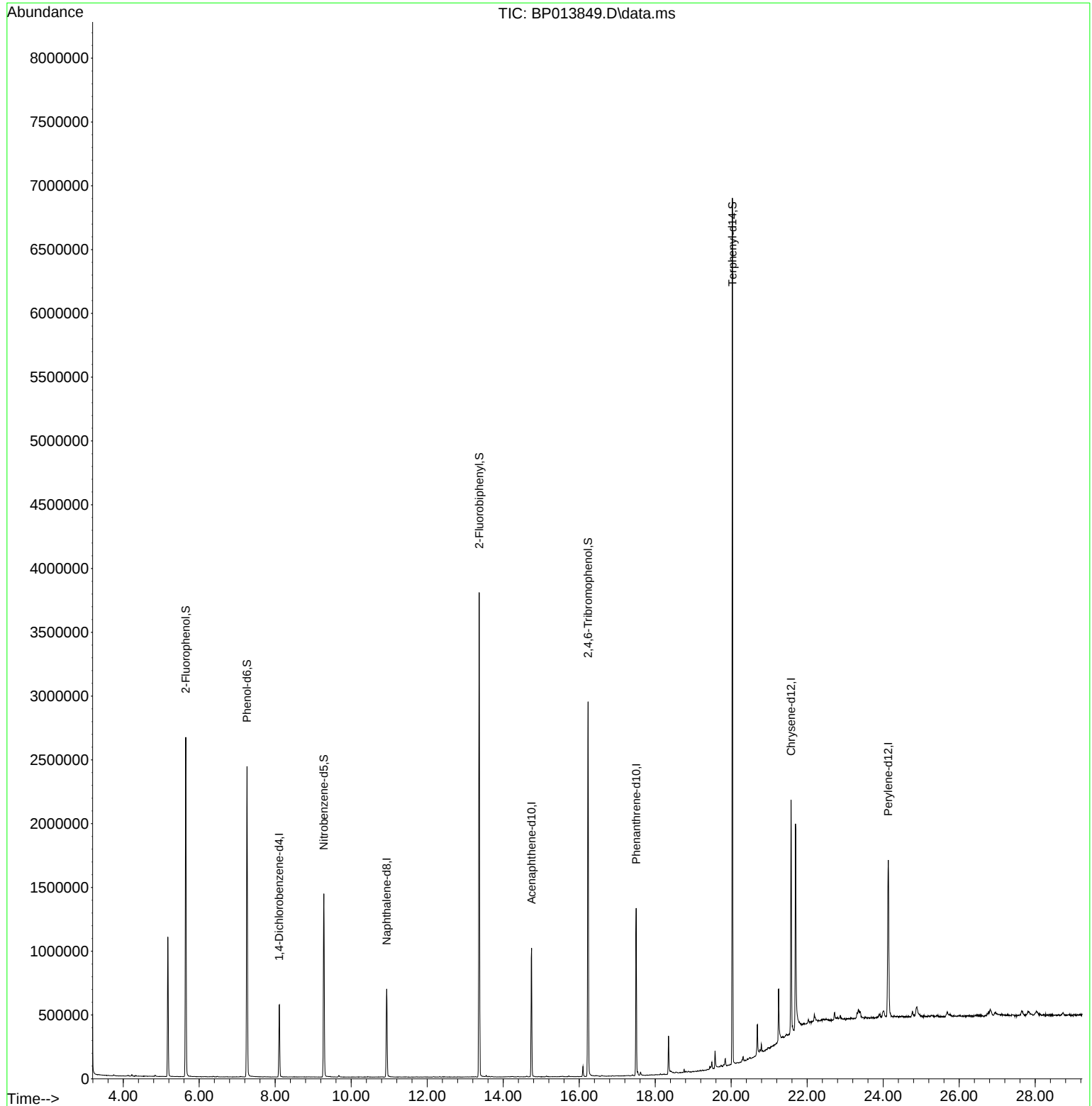
Target Compounds	Qvalue

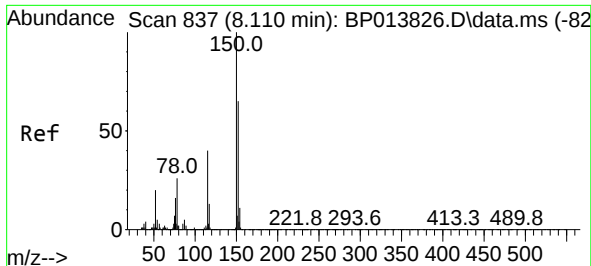
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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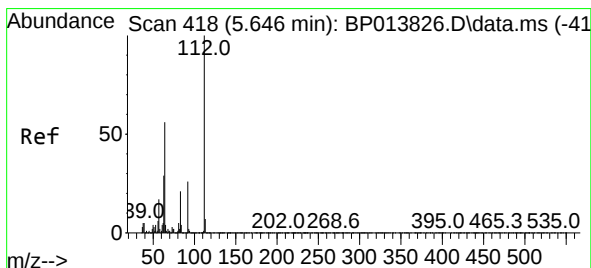
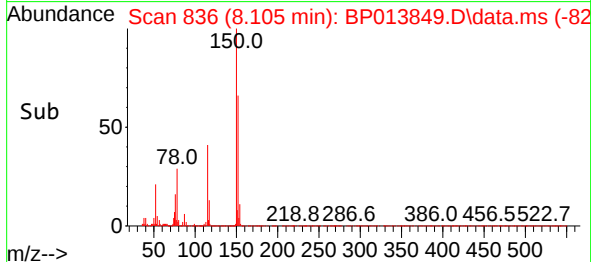
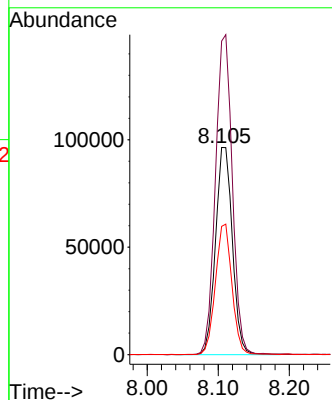
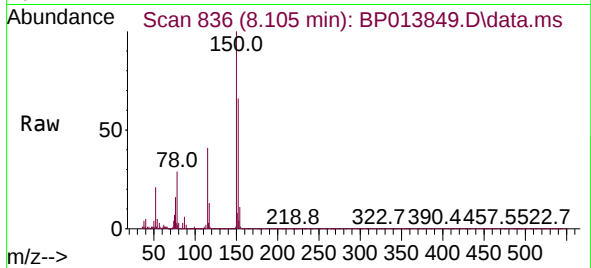




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 837
Delta R.T. -0.005 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

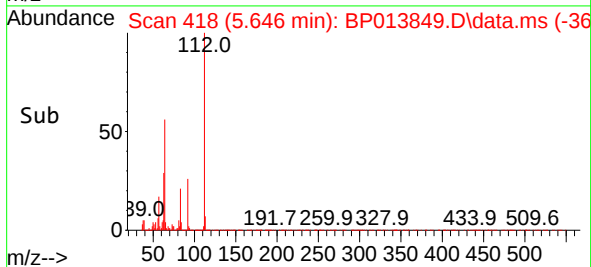
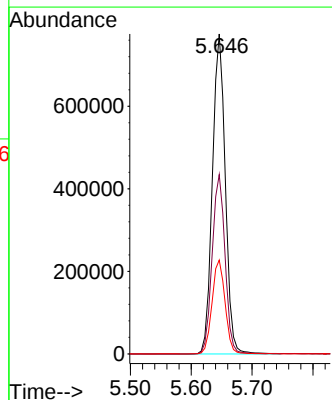
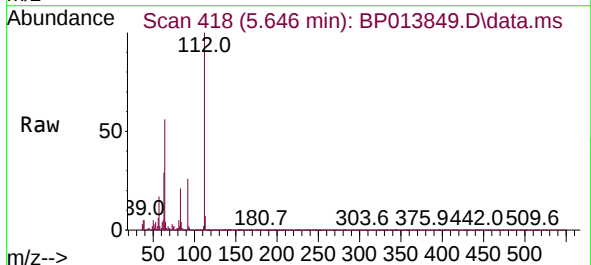
Instrument :
BNA_P
ClientSampleId :
MH-C

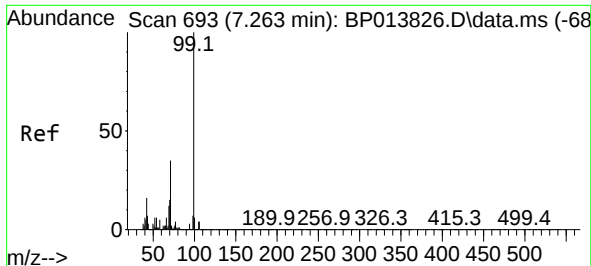
Tgt Ion:152 Resp: 159484
Ion Ratio Lower Upper
152 100
150 151.4 122.8 184.2
115 62.0 49.0 73.6



#5
2-Fluorophenol
Concen: 117.663 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

Tgt Ion:112 Resp: 1138605
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 29.3 23.6 35.4



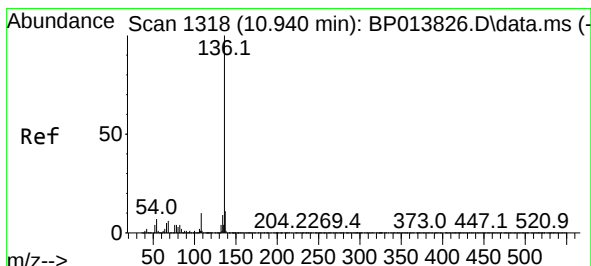
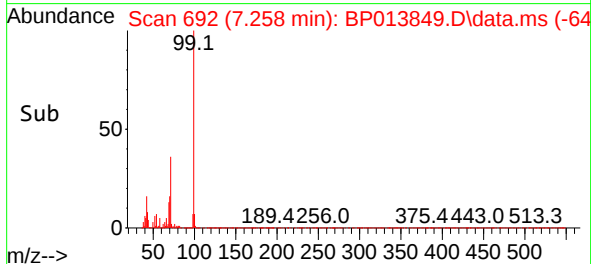
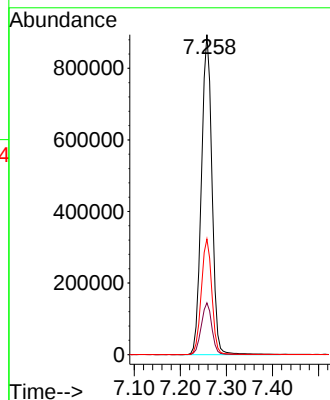
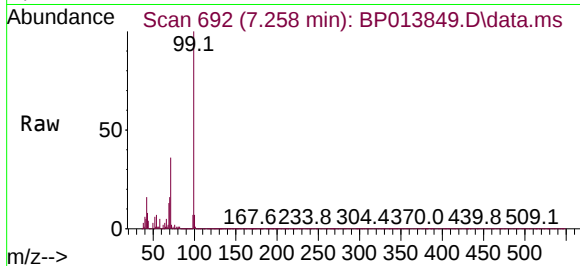


#7
Phenol-d6
Concen: 114.384 ng
RT: 7.258 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

Instrument :
BNA_P
ClientSampleId :
MH-C

Tgt Ion: 99 Resp: 1417594

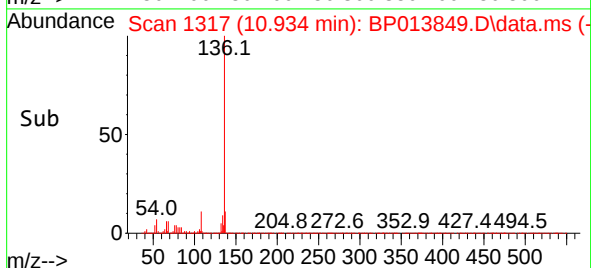
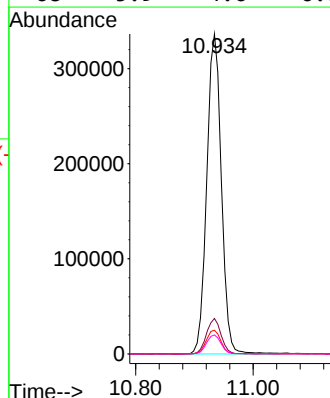
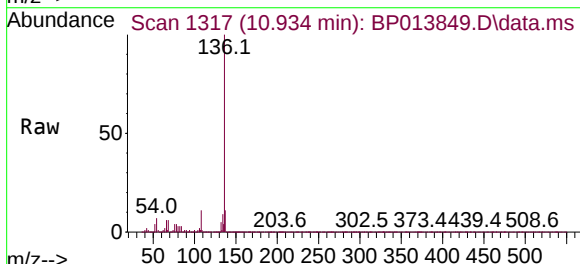
Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.5	18.7
71	36.1	27.8	41.8

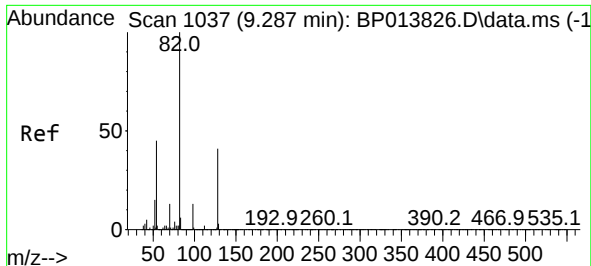


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

Tgt Ion: 136 Resp: 578975

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	5.8	8.6
68	5.9	4.6	6.8

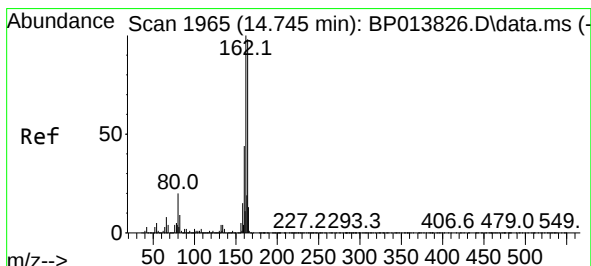
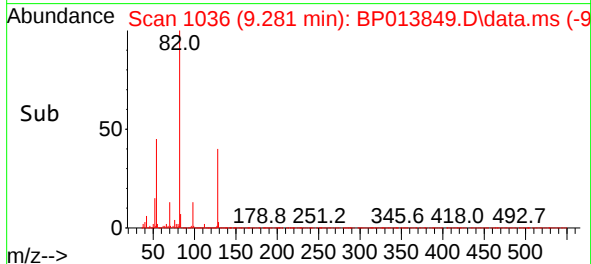
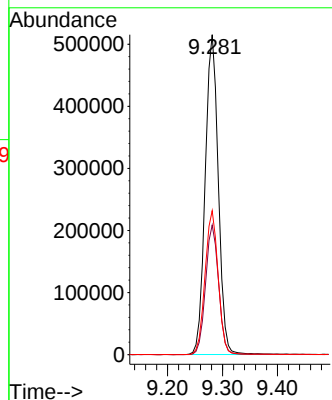
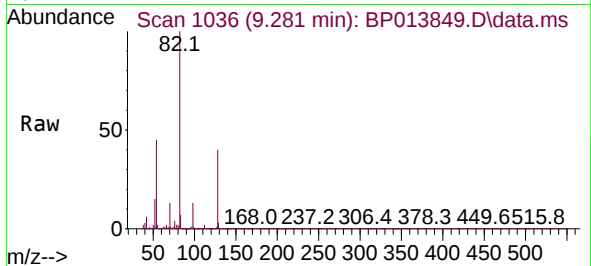




#23
Nitrobenzene-d5
Concen: 79.587 ng
RT: 9.281 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

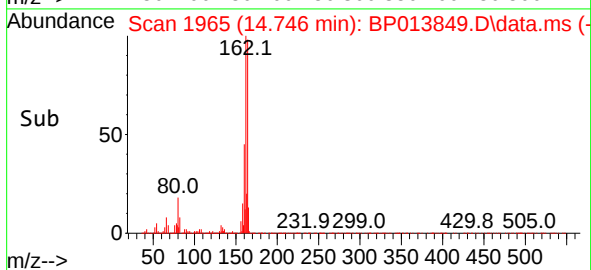
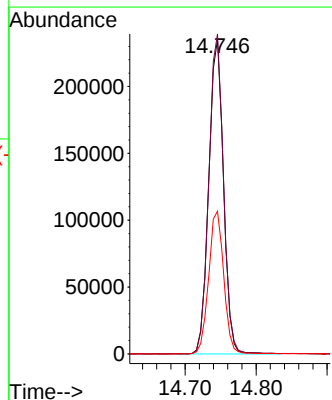
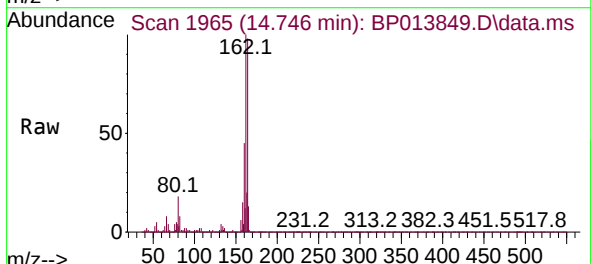
Instrument :
BNA_P
ClientSampleId :
MH-C

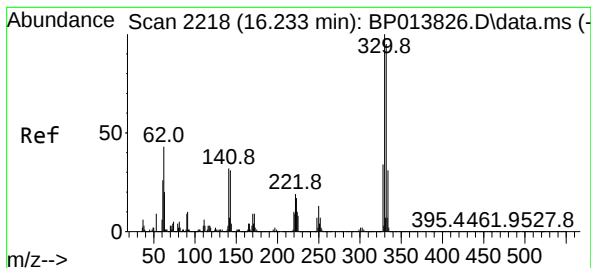
Tgt Ion: 82 Resp: 853318
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 45.0 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013849.D
Acq: 17 Feb 2023 17:23

Tgt Ion: 164 Resp: 338046
Ion Ratio Lower Upper
164 100
162 101.8 81.7 122.5
160 45.4 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 115.870 ng

RT: 16.234 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BP013849.D

Acq: 17 Feb 2023 17:23

Instrument :

BNA_P

ClientSampleId :

MH-C

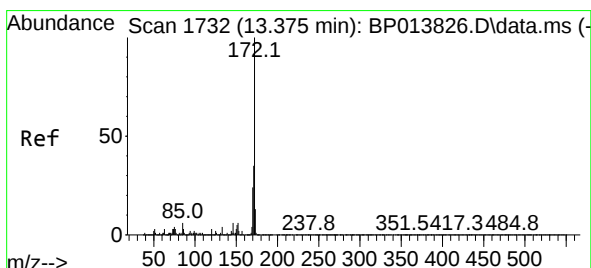
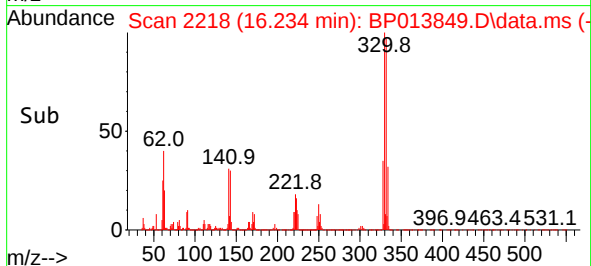
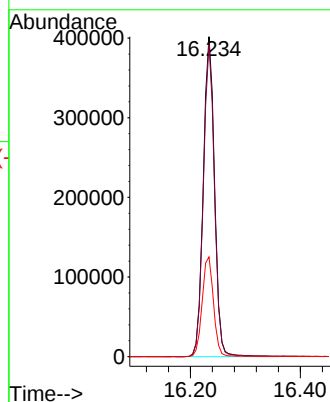
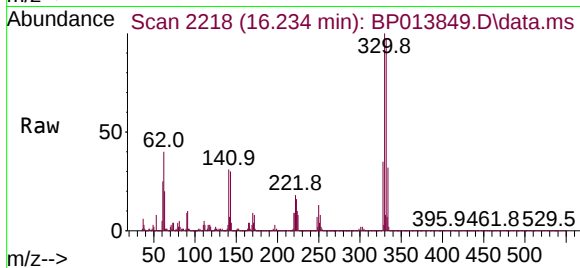
Tgt Ion:330 Resp: 570176

Ion Ratio Lower Upper

330 100

332 96.3 76.7 115.1

141 31.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 75.035 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BP013849.D

Acq: 17 Feb 2023 17:23

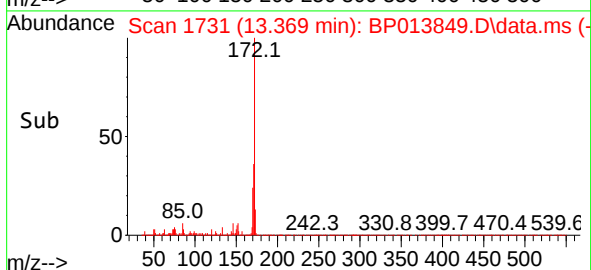
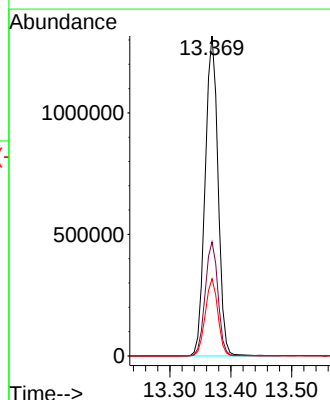
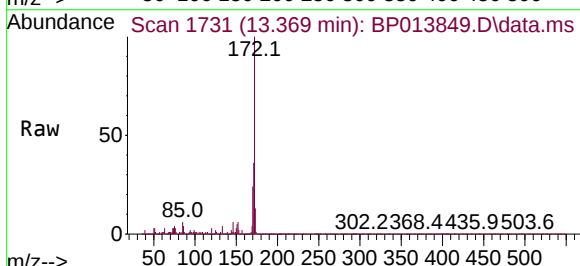
Tgt Ion:172 Resp: 1931171

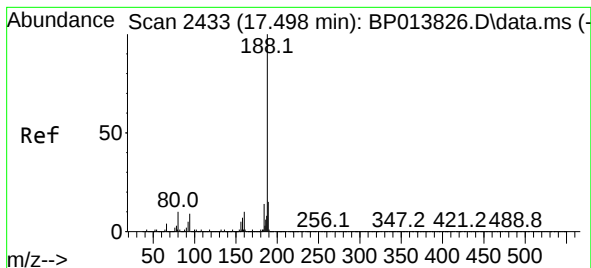
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013849.D

Acq: 17 Feb 2023 17:23

Instrument :

BNA_P

ClientSampleId :

MH-C

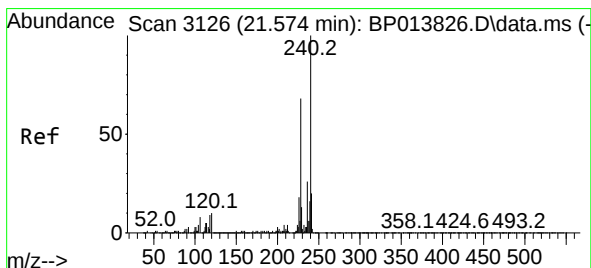
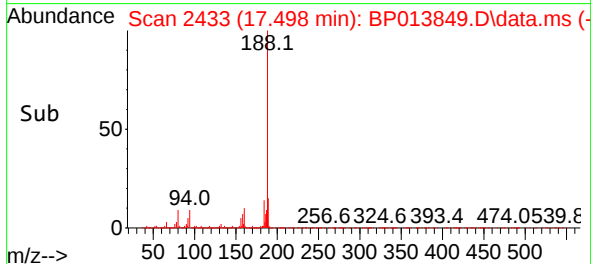
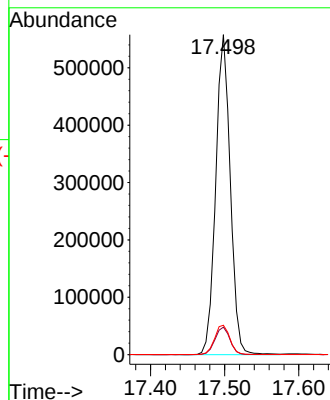
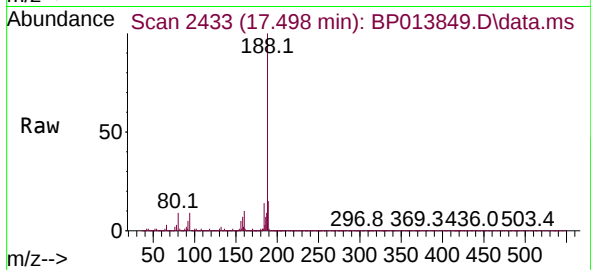
Tgt Ion:188 Resp: 760292

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.6

80 9.2 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 3126

Delta R.T. 0.001 min

Lab File: BP013849.D

Acq: 17 Feb 2023 17:23

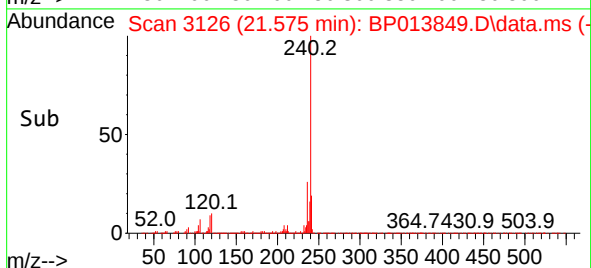
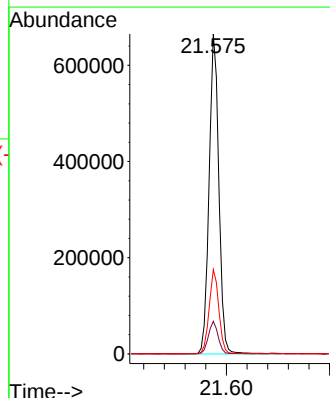
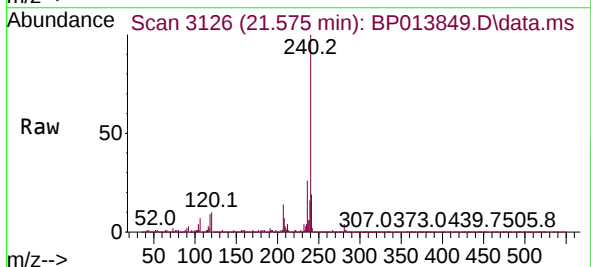
Tgt Ion:240 Resp: 869217

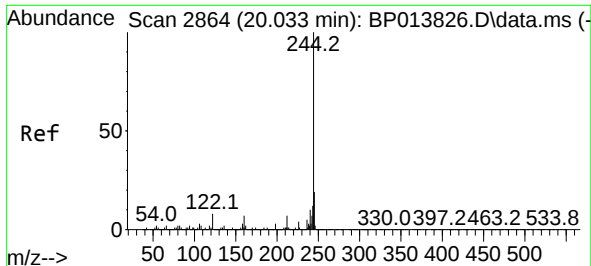
Ion Ratio Lower Upper

240 100

120 10.2 7.9 11.9

236 26.3 20.9 31.3

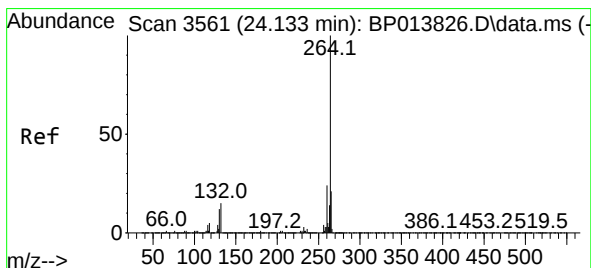
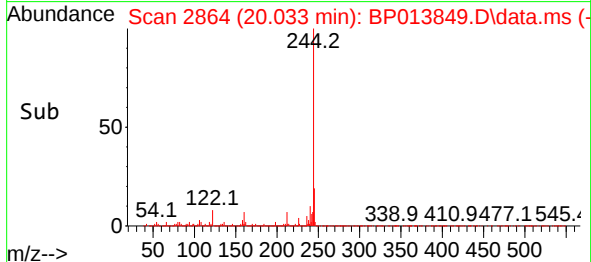
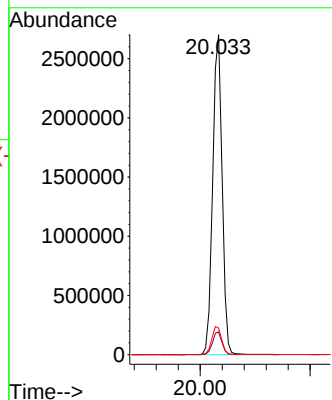
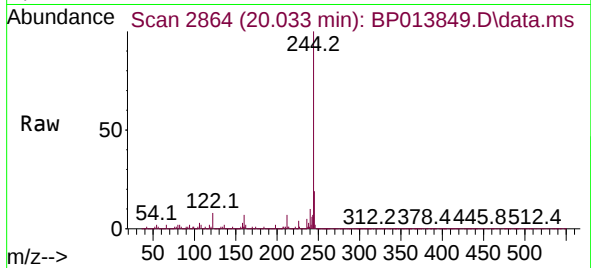




#79
 Terphenyl-d14
 Concen: 71.332 ng
 RT: 20.033 min Scan# 2864
 Delta R.T. 0.000 min
 Lab File: BP013849.D
 Acq: 17 Feb 2023 17:23

Instrument :
 BNA_P
 ClientSampleId :
 MH-C

Tgt Ion:244 Resp: 3222630
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 8.3 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 3561
 Delta R.T. 0.000 min
 Lab File: BP013849.D
 Acq: 17 Feb 2023 17:23

Tgt Ion:264 Resp: 1034804
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.5 17.6 26.4

