

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013902.D
 Acq On : 28 Feb 2023 22:20
 Operator : CG/JU
 Sample : 01700-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1R

Quant Time: Mar 01 03:49:26 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)

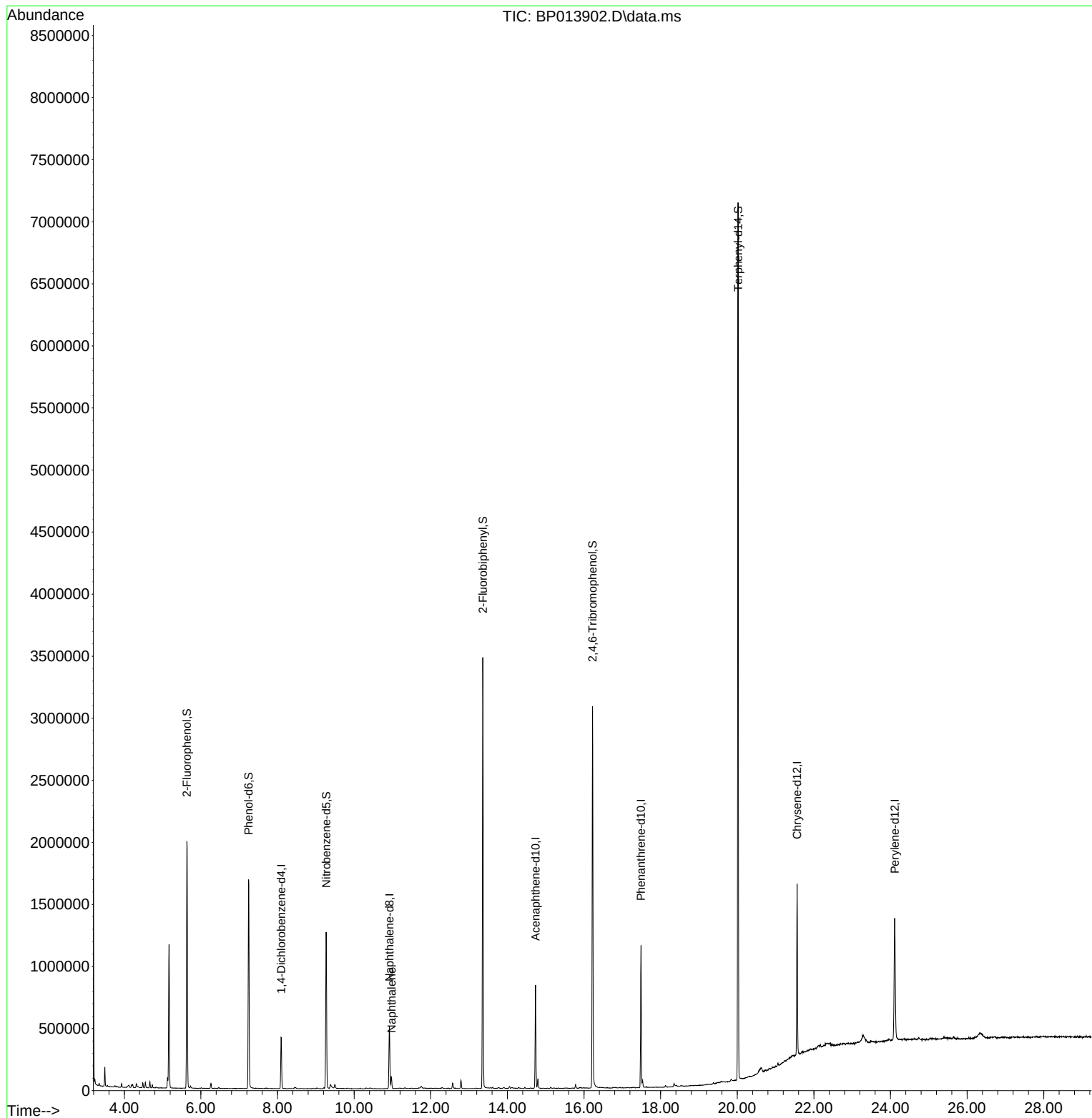
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	111868	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	415688	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	274784	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	665730	20.000	ng	0.00
76) Chrysene-d12	21.563	240	691021	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	831567	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	831958	122.569	ng	0.00
7) Phenol-d6	7.246	99	958573	110.268	ng	0.00
23) Nitrobenzene-d5	9.269	82	726611	94.390	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	625832	156.460	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1714838	81.969	ng	-0.01
79) Terphenyl-d14	20.022	244	3197761	89.034	ng	0.00
Target Compounds						
31) Naphthalene	10.975	128	76795	3.370	ng	Qvalue 99

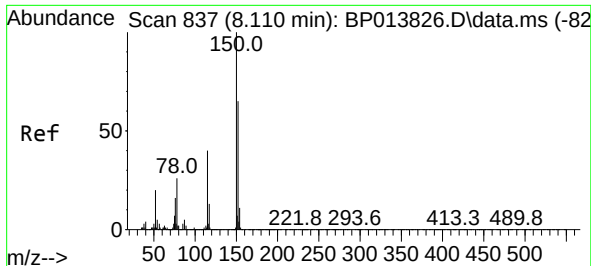
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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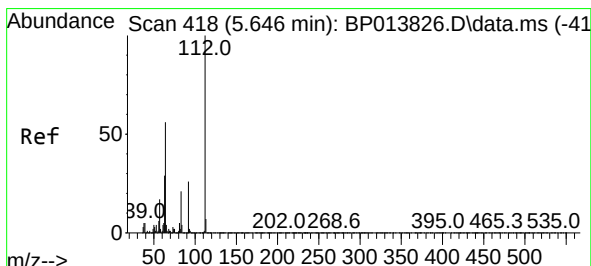
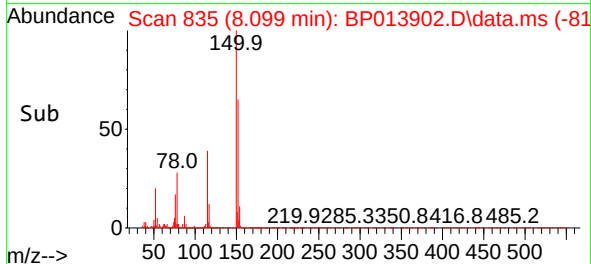
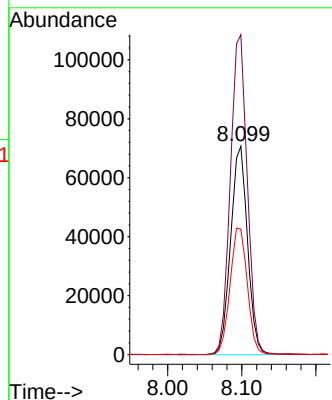
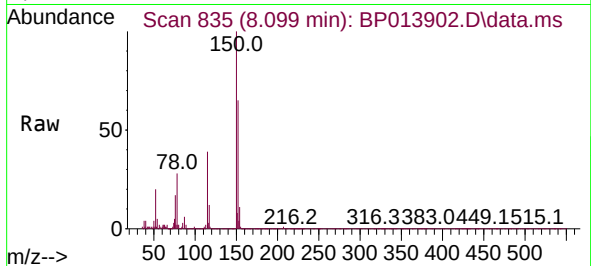




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

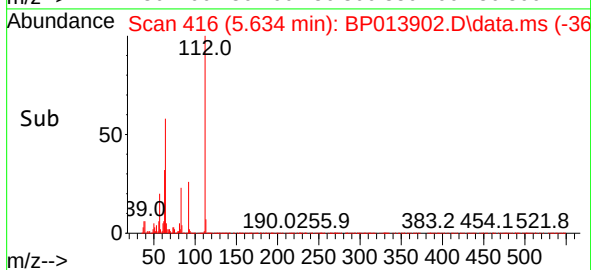
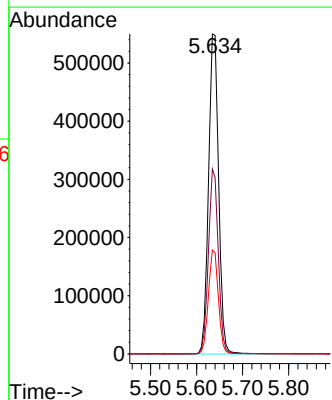
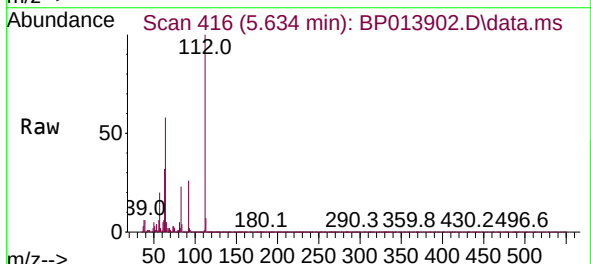
Instrument :
BNA_P
ClientSampleId :
MW-1R

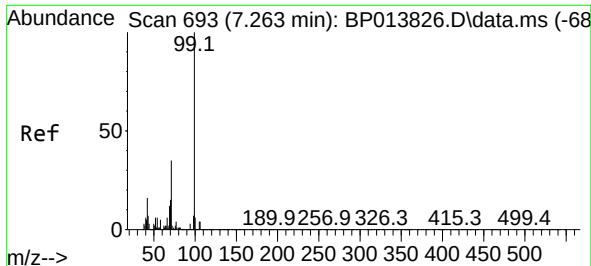
Tgt Ion:152 Resp: 111868
Ion Ratio Lower Upper
152 100
150 153.6 122.8 184.2
115 60.2 49.0 73.6



#5
2-Fluorophenol
Concen: 122.569 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:112 Resp: 831958
Ion Ratio Lower Upper
112 100
64 57.8 44.6 66.8
63 32.5 23.6 35.4

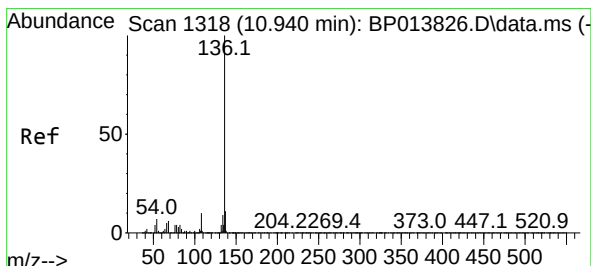
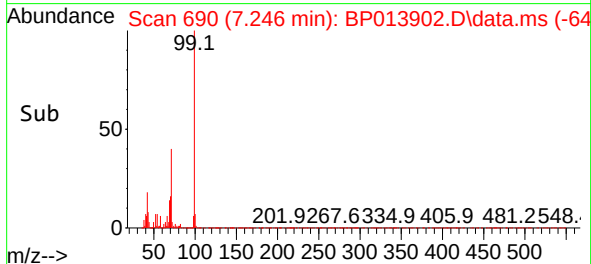
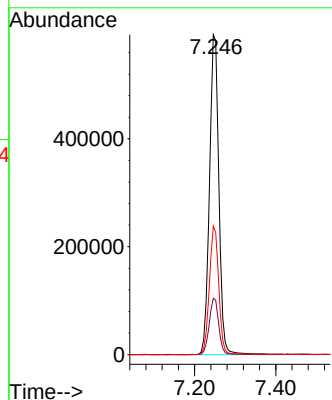
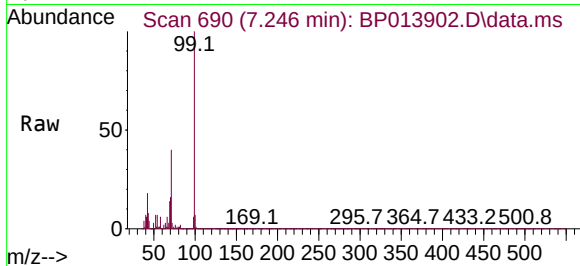




#7
Phenol-d6
Concen: 110.268 ng
RT: 7.246 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

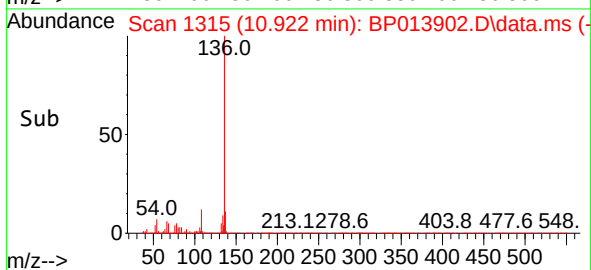
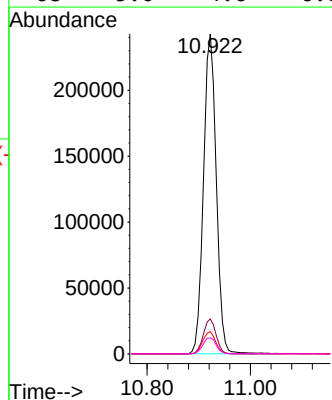
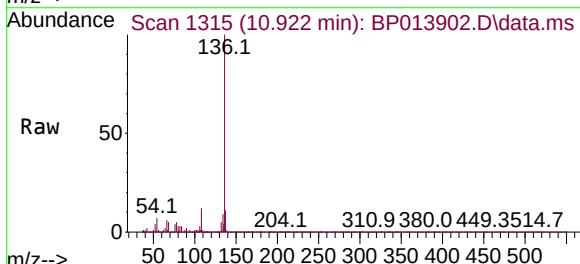
Instrument :
BNA_P
ClientSampleId :
MW-1R

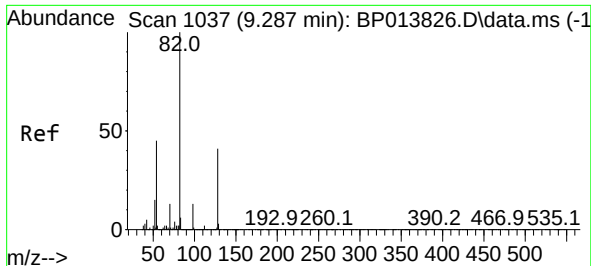
Tgt Ion: 99 Resp: 958573
Ion Ratio Lower Upper
99 100
42 17.6 12.5 18.7
71 40.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion: 136 Resp: 415688
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.0 5.8 8.6
68 5.0 4.6 6.8

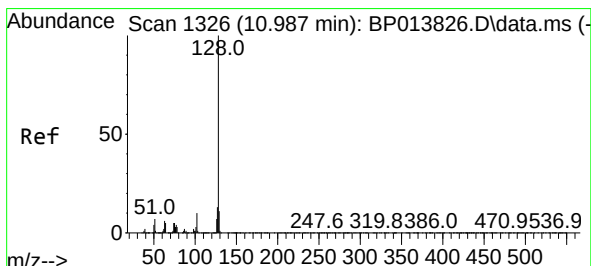
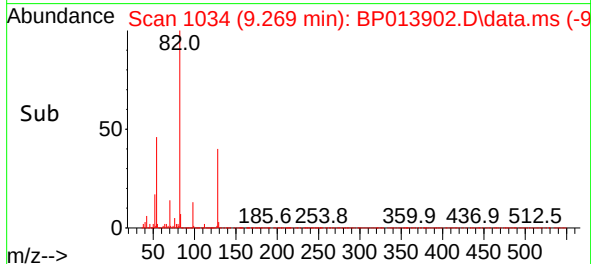
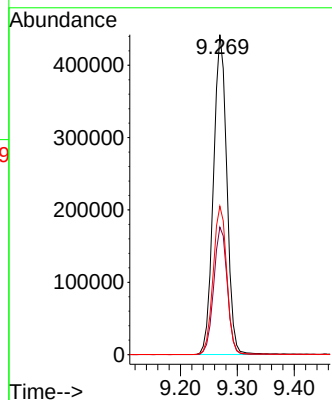
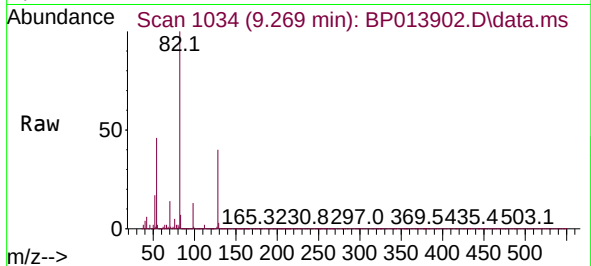




#23
Nitrobenzene-d5
Concen: 94.390 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

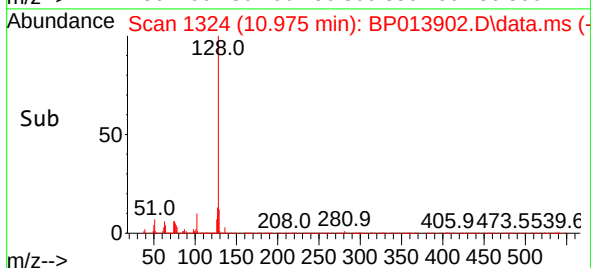
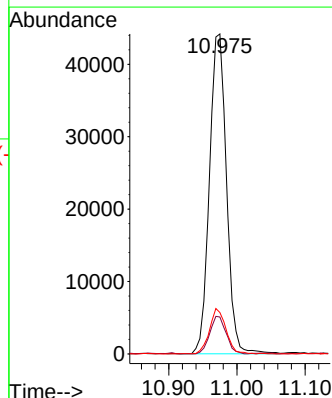
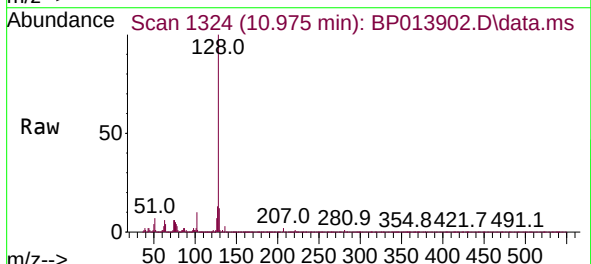
Instrument :
BNA_P
ClientSampleId :
MW-1R

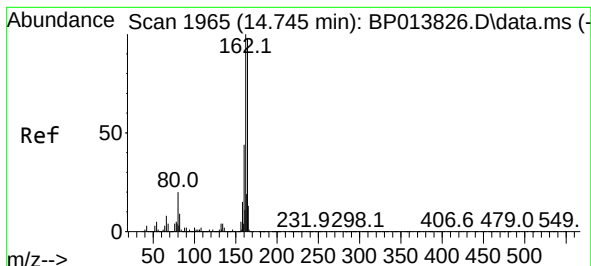
Tgt Ion: 82 Resp: 726611
Ion Ratio Lower Upper
82 100
128 39.8 32.9 49.3
54 46.4 35.6 53.4



#31
Naphthalene
Concen: 3.370 ng
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion: 128 Resp: 76795
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 12.9 10.4 15.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

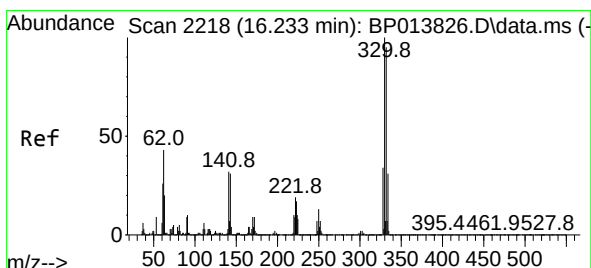
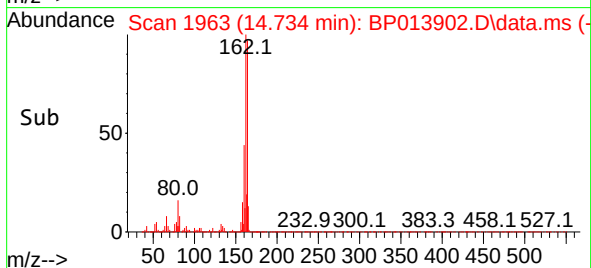
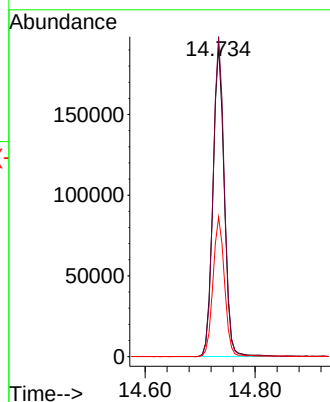
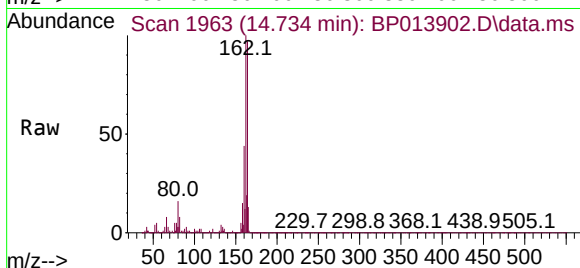
Tgt Ion:164 Resp: 274784

Ion Ratio Lower Upper

164 100

162 103.0 81.7 122.5

160 45.0 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 156.460 ng

RT: 16.222 min Scan# 2216

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

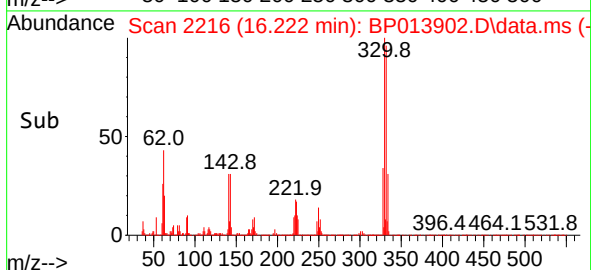
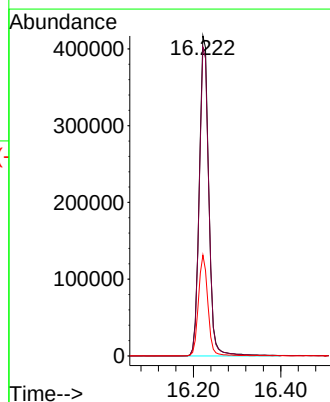
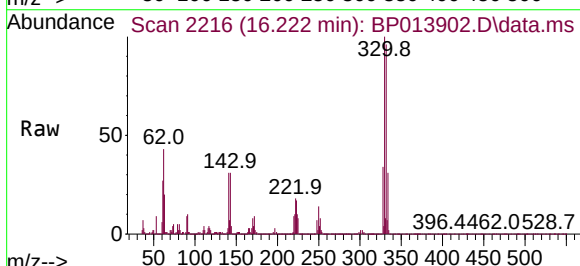
Tgt Ion:330 Resp: 625832

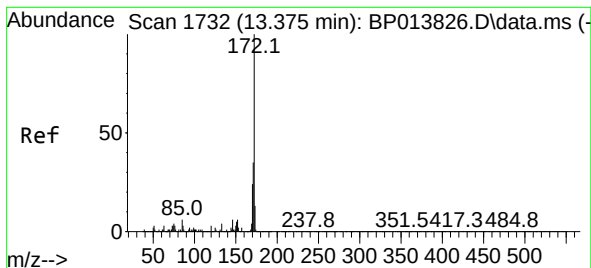
Ion Ratio Lower Upper

330 100

332 97.4 76.7 115.1

141 31.3 25.1 37.7





#45

2-Fluorobiphenyl

Concen: 81.969 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R

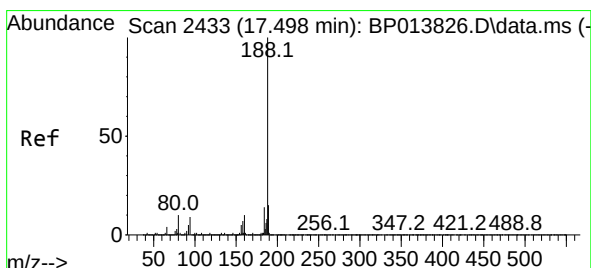
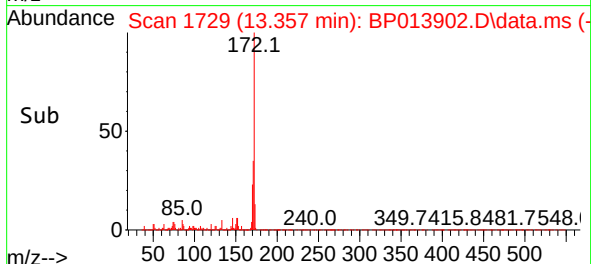
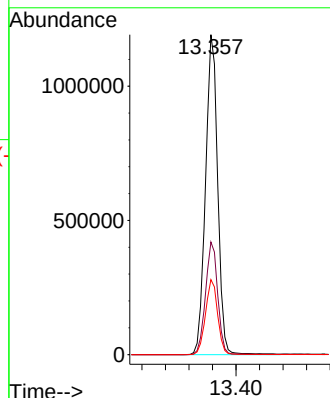
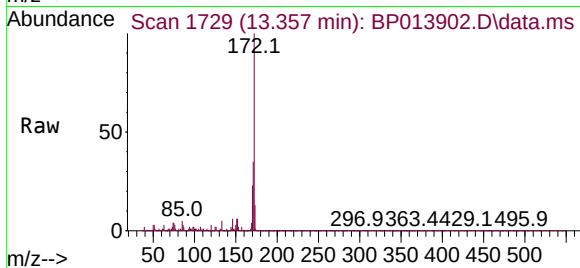
Tgt Ion:172 Resp: 1714838

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP013902.D

Acq: 28 Feb 2023 22:20

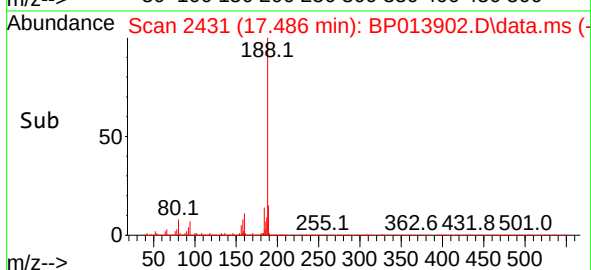
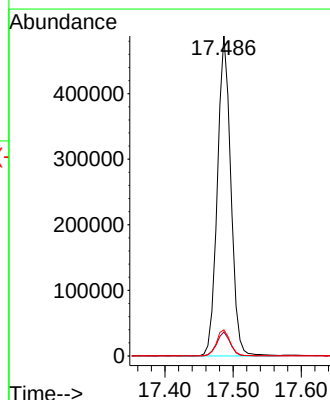
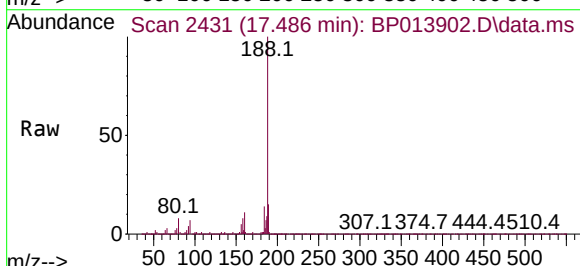
Tgt Ion:188 Resp: 665730

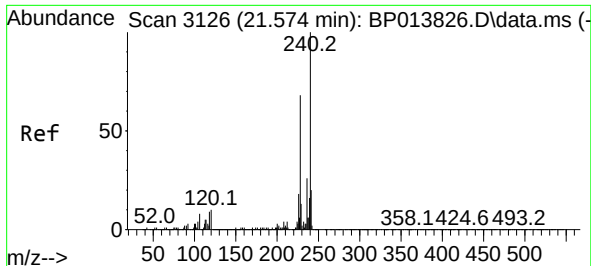
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.1 7.8 11.8

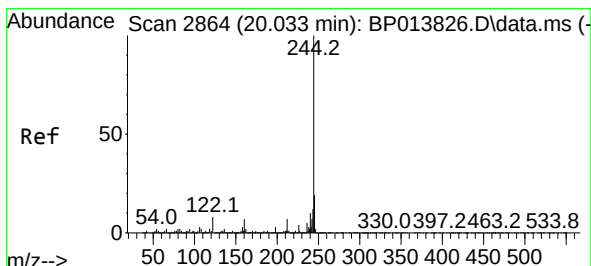
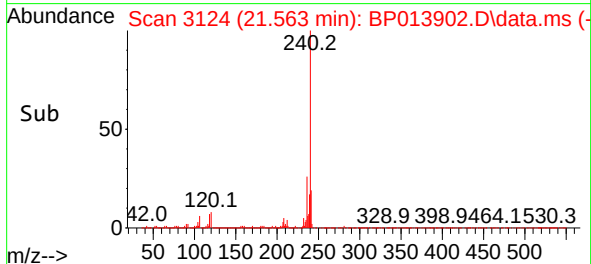
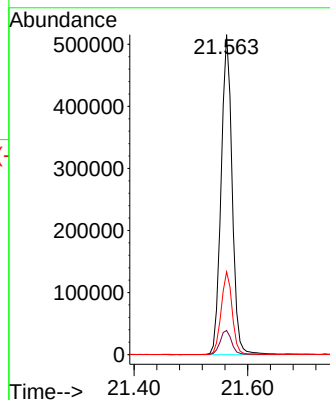
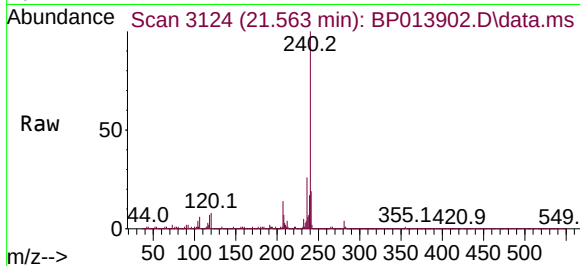




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

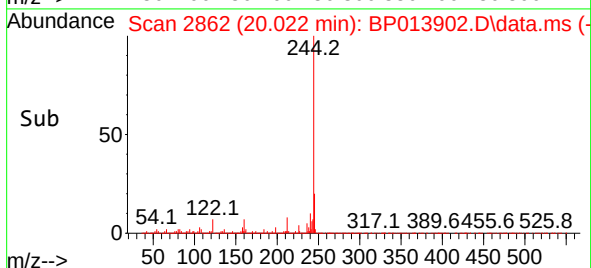
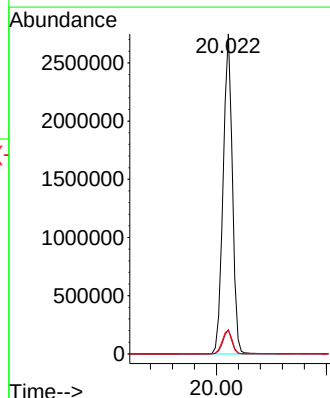
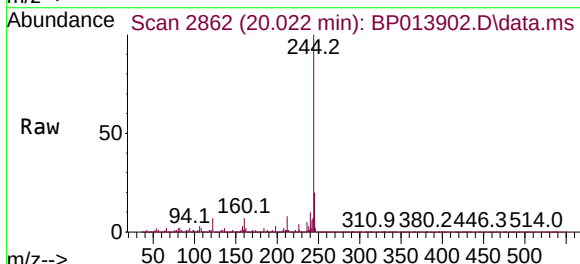
Instrument :
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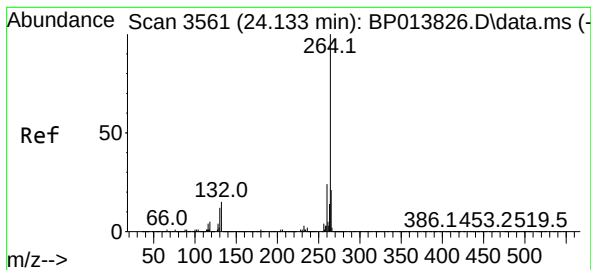
Tgt Ion:240 Resp: 691021
Ion Ratio Lower Upper
240 100
120 7.5 7.9 11.9#
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 89.034 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013902.D
Acq: 28 Feb 2023 22:20

Tgt Ion:244 Resp: 3197761
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 7.4 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP013902.D

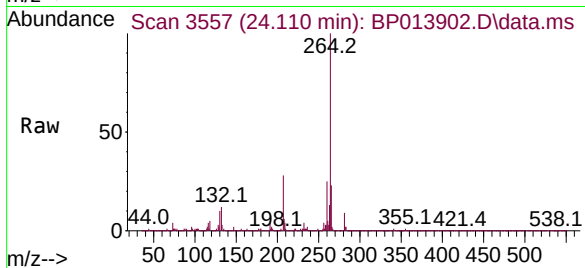
Acq: 28 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

MW-1R



Tgt Ion:264 Resp: 831567

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 22.6 17.6 26.4

