

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022323\
 Data File : BP013880.D
 Acq On : 23 Feb 2023 15:18
 Operator : CG/JU
 Sample : 01633-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEIR-TANK-MUD

Quant Time: Feb 24 01:40:47 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 01:37:56 2023
 Response via : Initial Calibration

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

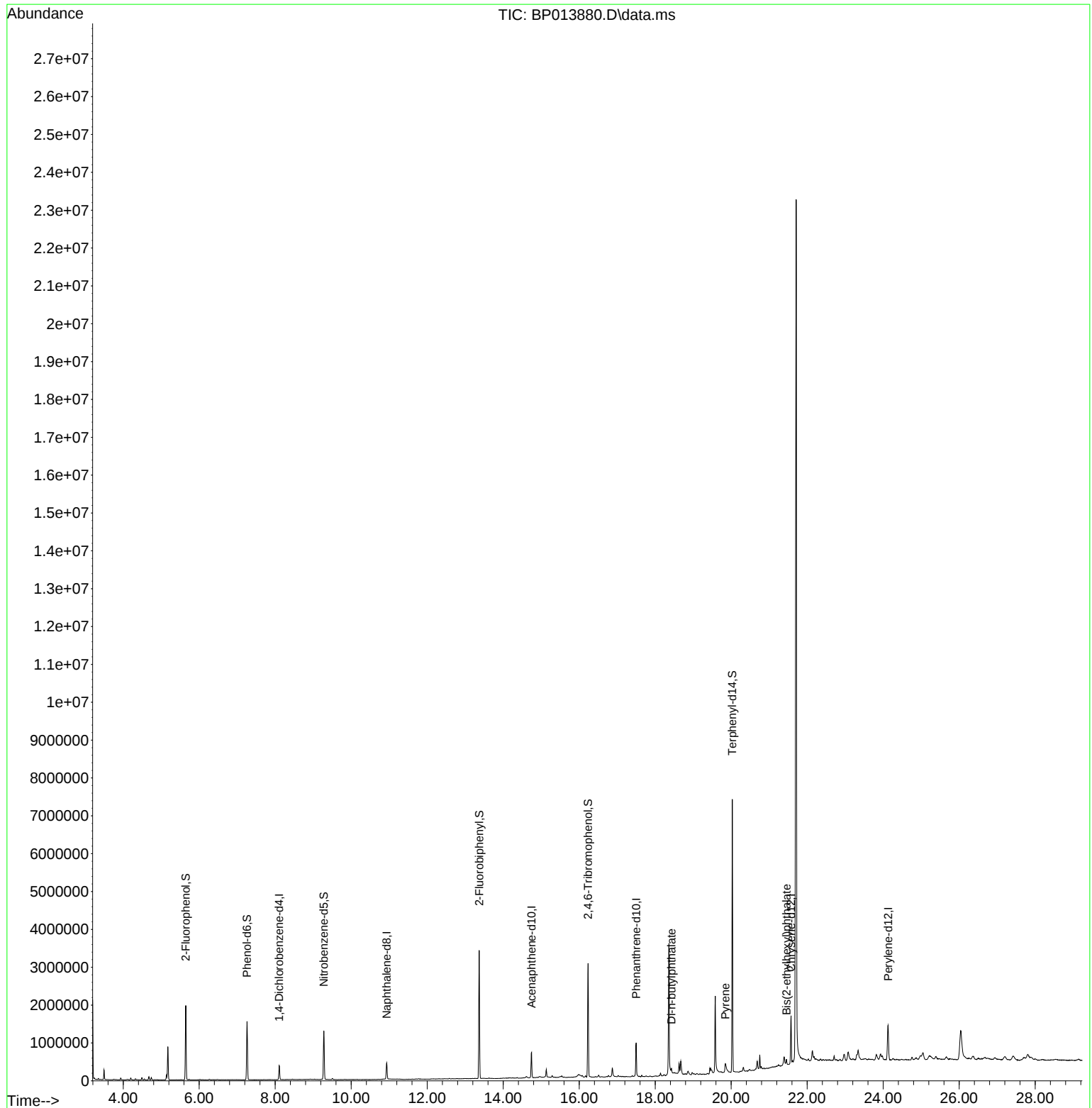
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	101542	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	346018	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	228669	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	520110	20.000	ng	0.00
76) Chrysene-d12	21.575	240	630225	20.000	ng	# 0.00
86) Perylene-d12	24.127	264	754271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	796429	129.267	ng	0.01
7) Phenol-d6	7.258	99	868928	110.120	ng	0.00
23) Nitrobenzene-d5	9.281	82	734187	114.578	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	597600	179.531	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1723714	99.010	ng	0.00
79) Terphenyl-d14	20.028	244	3468982	105.903	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.428	149	73561	2.394	ng	# 98
78) Pyrene	19.845	202	91078	2.115	ng	98
84) Bis(2-ethylhexyl)phtha...	21.457	149	49950	2.093	ng	99

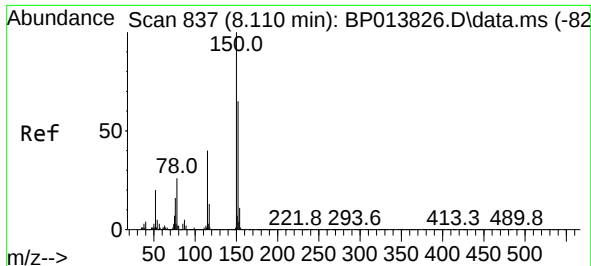
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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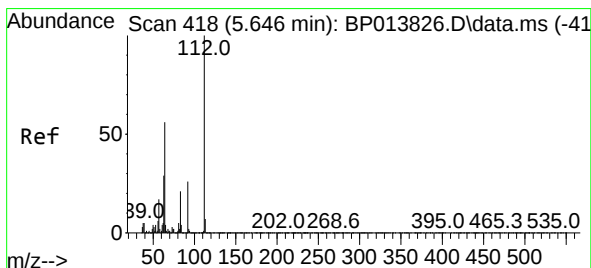
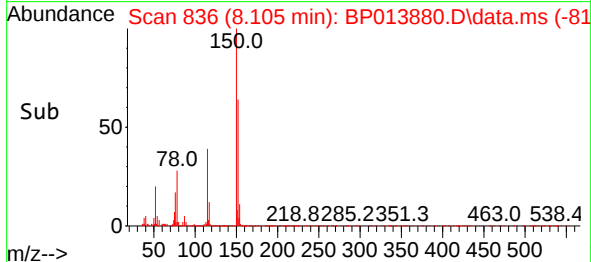
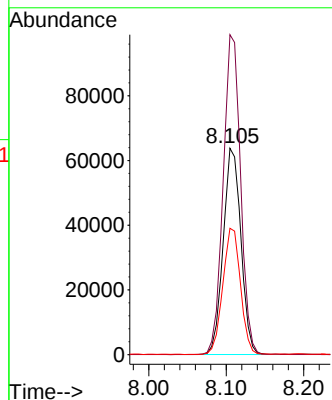
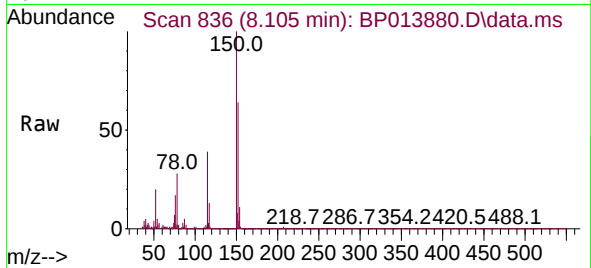




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 837
Delta R.T. 0.006 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

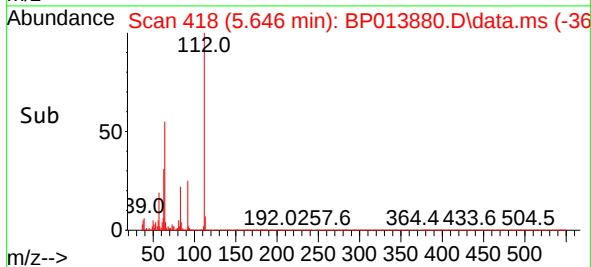
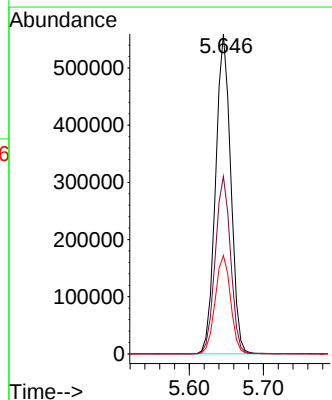
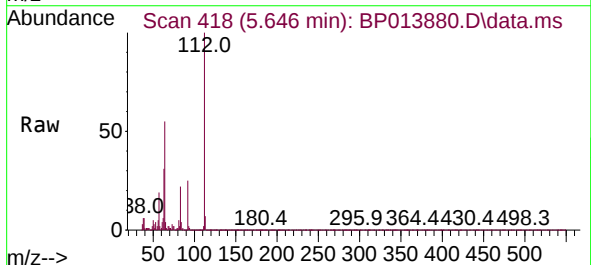
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUD

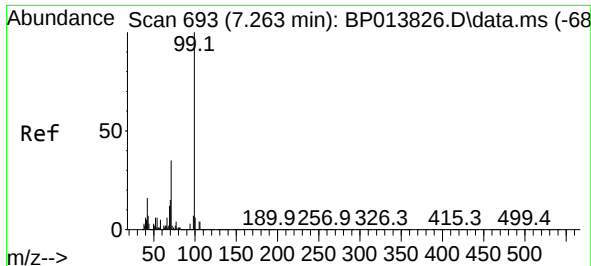
Tgt Ion:152 Resp: 101542
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 61.2 49.0 73.6



#5
2-Fluorophenol
Concen: 129.267 ng
RT: 5.646 min Scan# 418
Delta R.T. 0.012 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

Tgt Ion:112 Resp: 796429
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 30.8 23.6 35.4

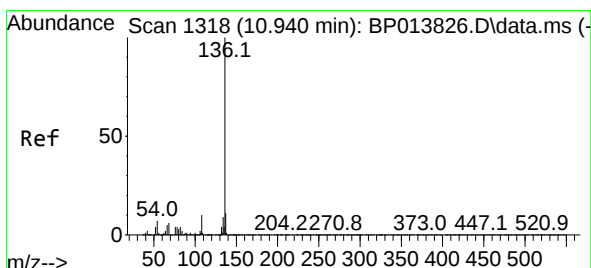
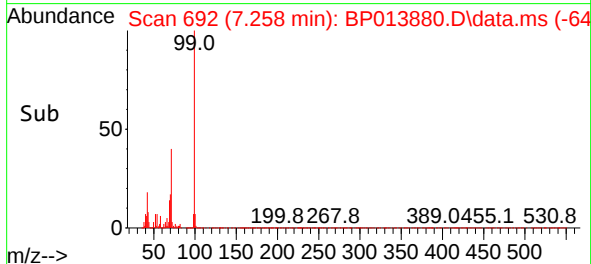
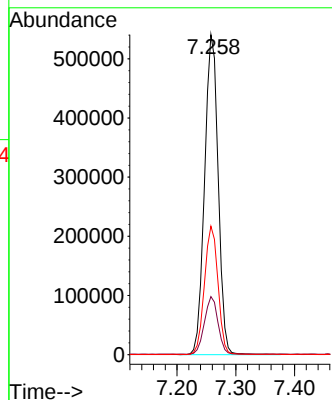
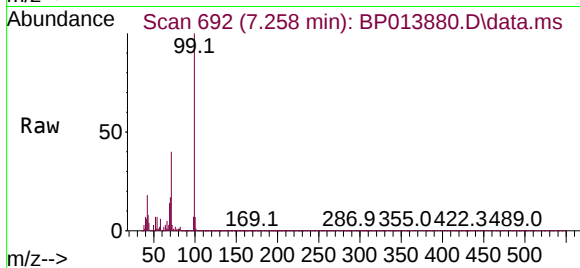




#7
Phenol-d6
Concen: 110.120 ng
RT: 7.258 min Scan# 69
Delta R.T. 0.006 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

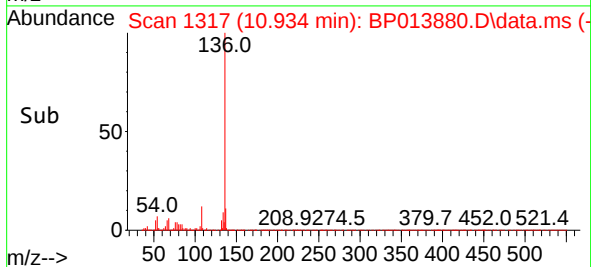
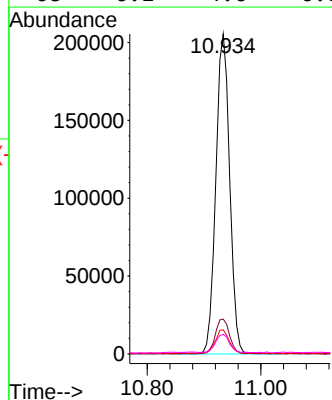
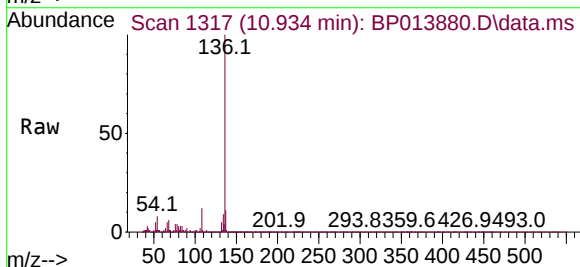
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUD

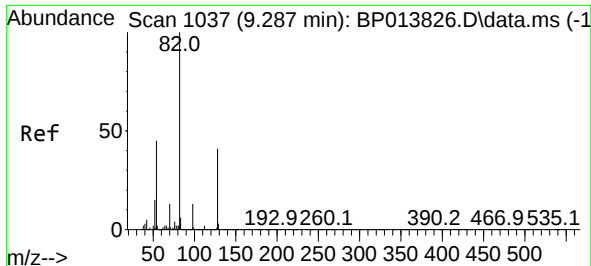
Tgt Ion: 99 Resp: 868928
Ion Ratio Lower Upper
99 100
42 18.1 12.5 18.7
71 40.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

Tgt Ion: 136 Resp: 346018
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.5 5.8 8.6
68 6.1 4.6 6.8

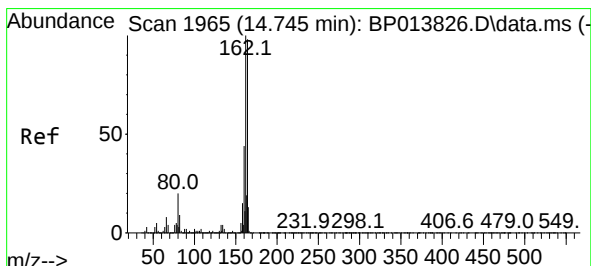
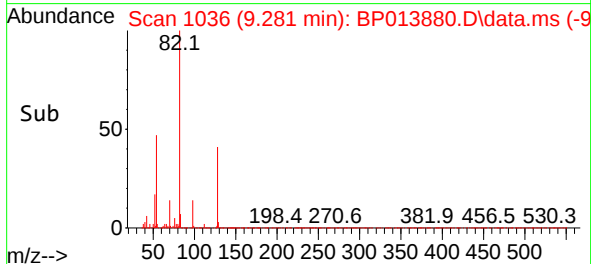
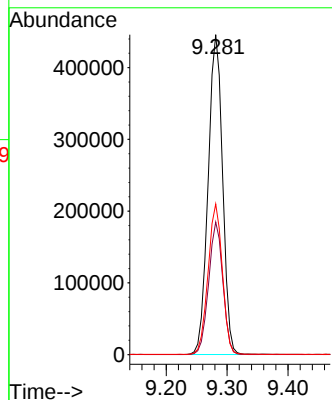
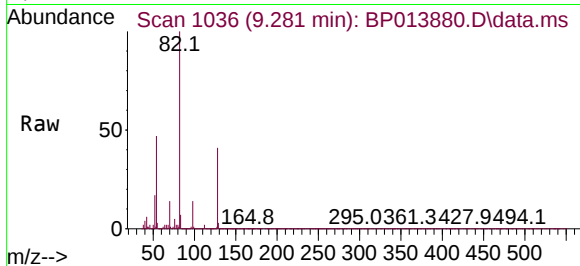




#23
Nitrobenzene-d5
Concen: 114.578 ng
RT: 9.281 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

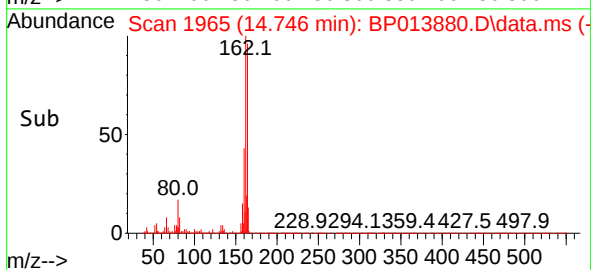
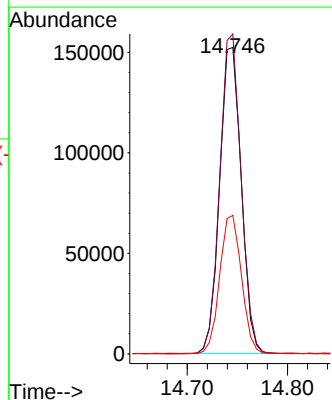
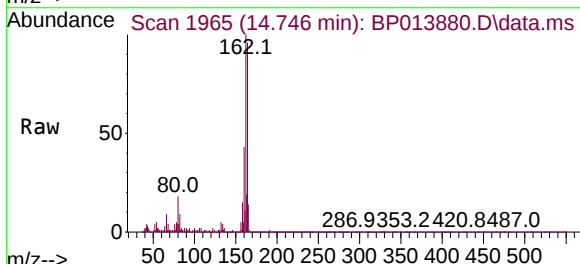
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUD

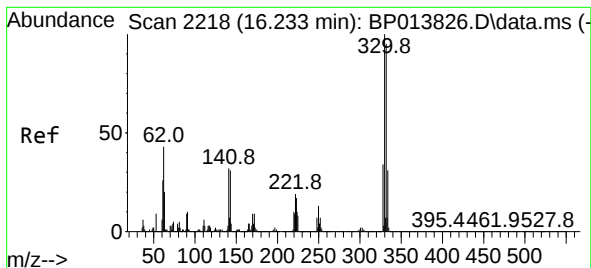
Tgt Ion: 82 Resp: 734187
Ion Ratio Lower Upper
82 100
128 41.4 32.9 49.3
54 47.1 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP013880.D
Acq: 23 Feb 2023 15:18

Tgt Ion:164 Resp: 228669
Ion Ratio Lower Upper
164 100
162 104.4 81.7 122.5
160 45.2 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 179.531 ng

RT: 16.234 min Scan# 2218

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUD

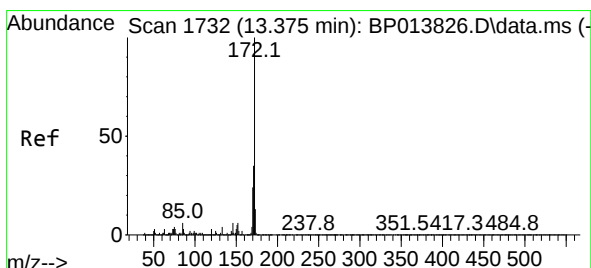
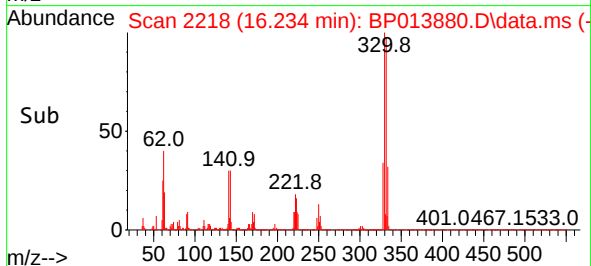
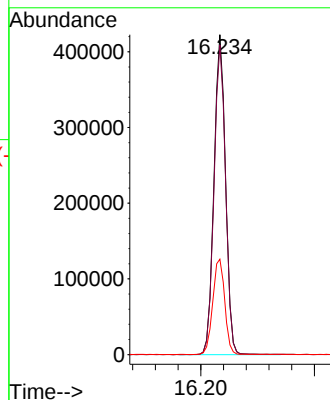
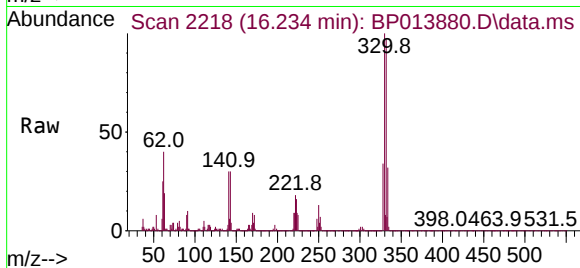
Tgt Ion:330 Resp: 597600

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 31.0 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 99.010 ng

RT: 13.369 min Scan# 1731

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

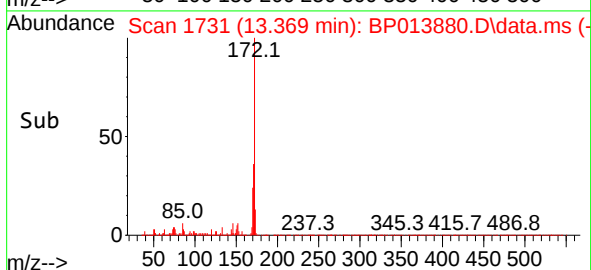
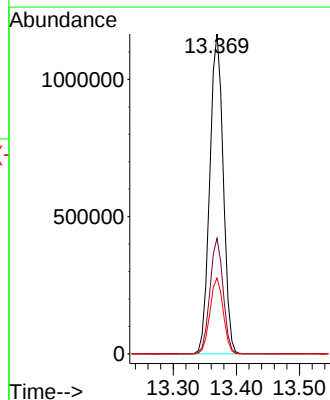
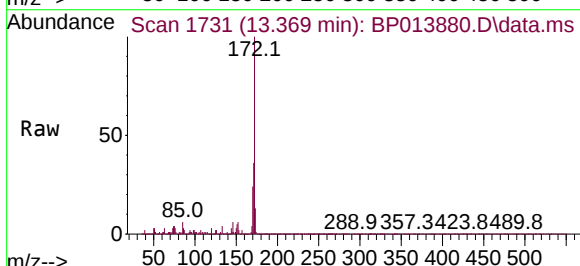
Tgt Ion:172 Resp: 1723714

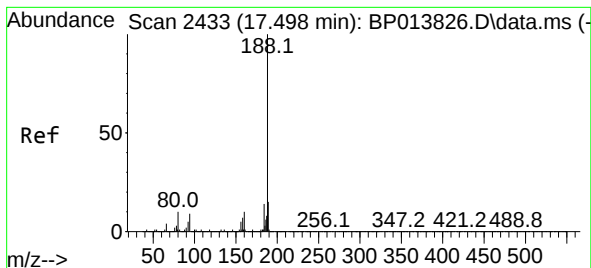
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.4

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUD

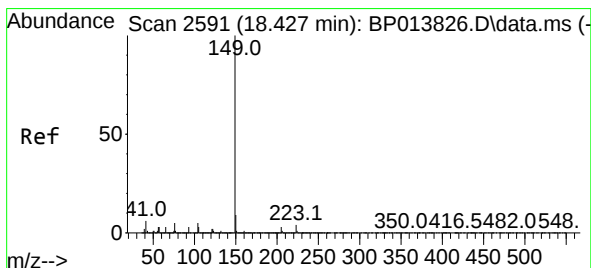
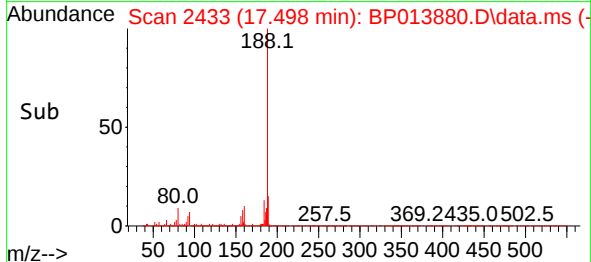
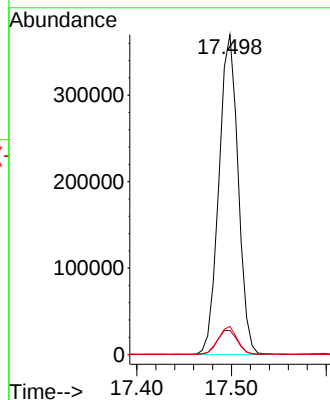
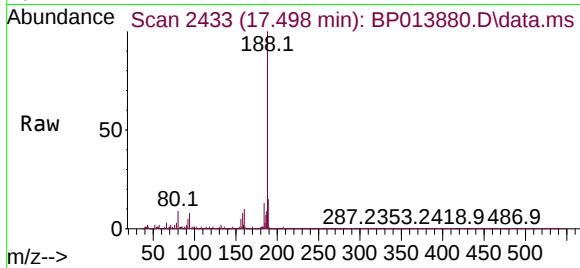
Tgt Ion:188 Resp: 520110

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.8 7.8 11.8



#74

Di-n-butylphthalate

Concen: 2.394 ng

RT: 18.428 min Scan# 2591

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

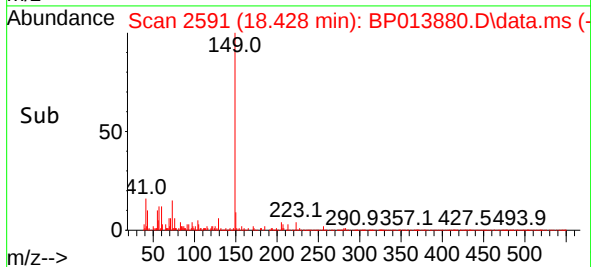
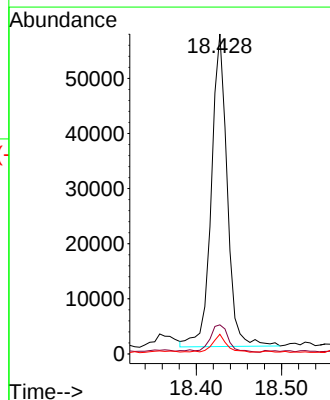
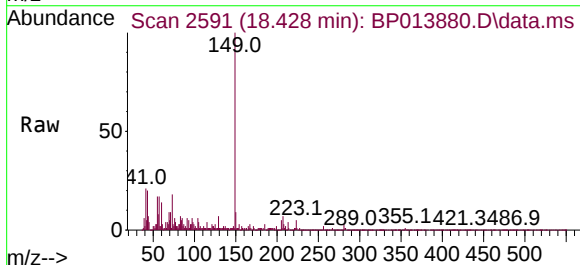
Tgt Ion:149 Resp: 73561

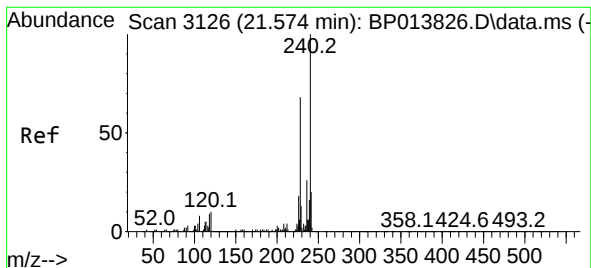
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 6.1 4.1 6.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.575 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

Instrument :

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ClientSampleId :

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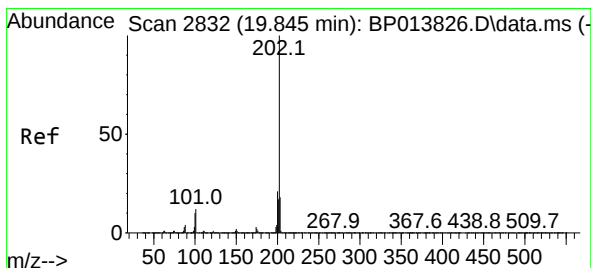
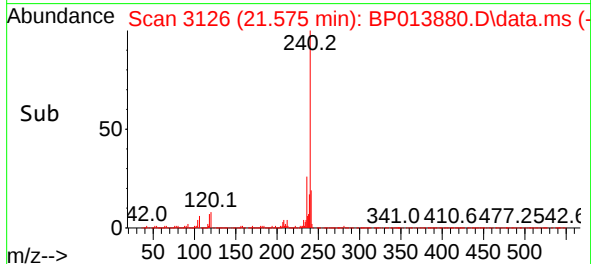
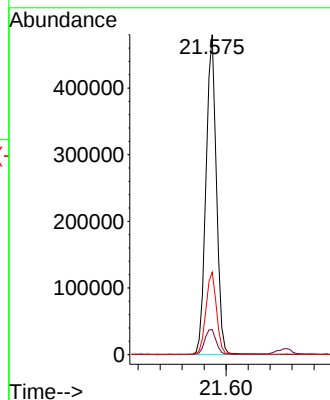
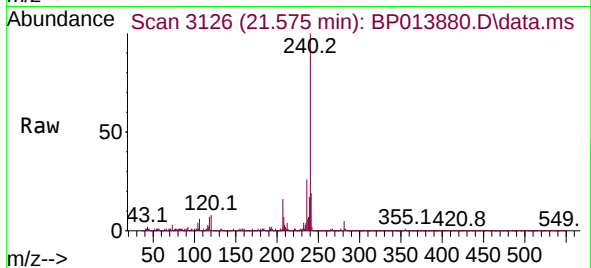
Tgt Ion:240 Resp: 630225

Ion Ratio Lower Upper

240 100

120 7.8 7.9 11.9#

236 25.8 20.9 31.3



#78

Pyrene

Concen: 2.115 ng

RT: 19.845 min Scan# 2832

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

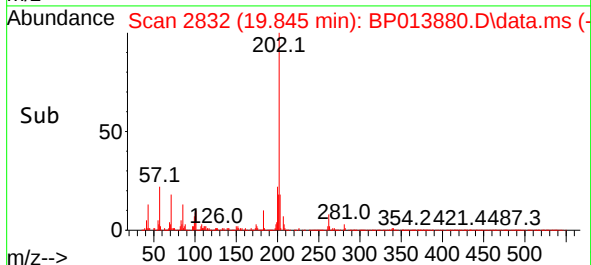
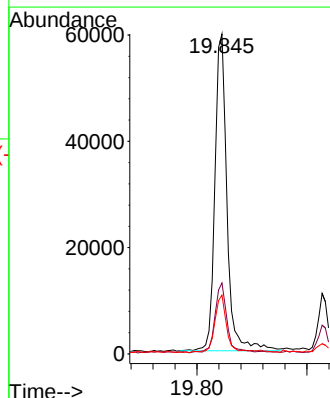
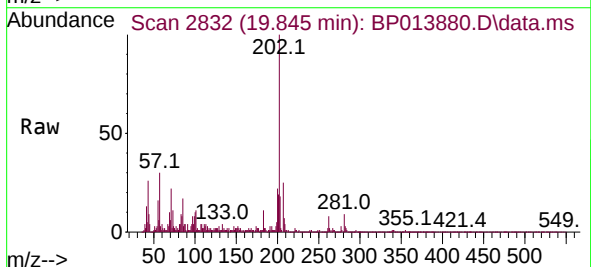
Tgt Ion:202 Resp: 91078

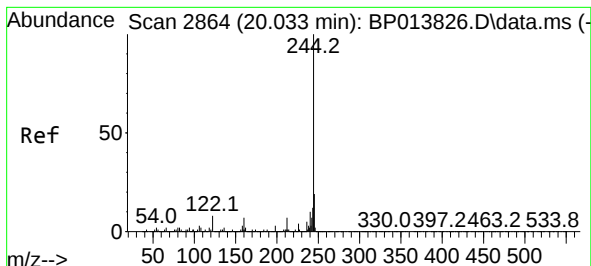
Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

203 18.4 14.2 21.2





#79

Terphenyl-d14

Concen: 105.903 ng

RT: 20.028 min Scan# 2864

Delta R.T. 0.000 min

Lab File: BP013880.D

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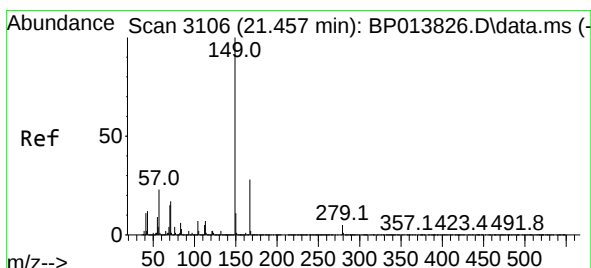
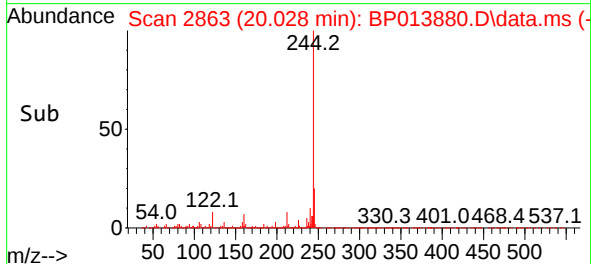
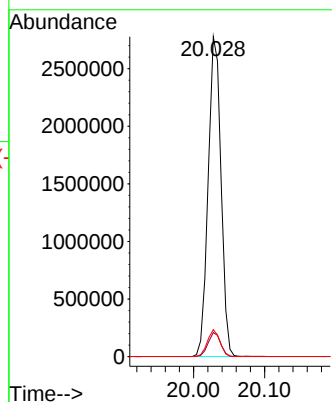
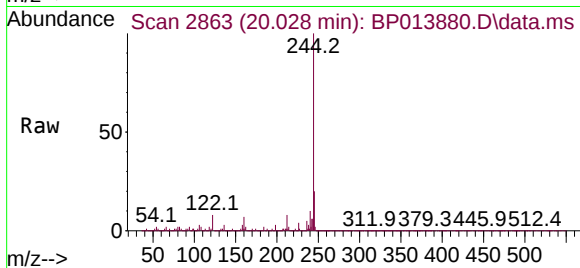
Tgt Ion:244 Resp: 3468982

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 8.4 6.7 10.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.093 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BP013880.D

Acq: 23 Feb 2023 15:18

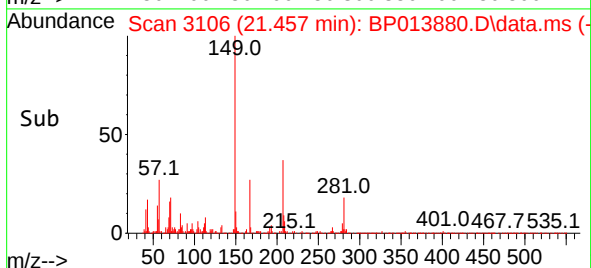
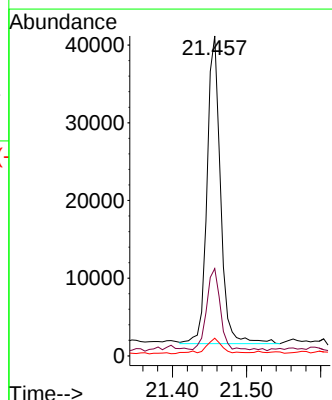
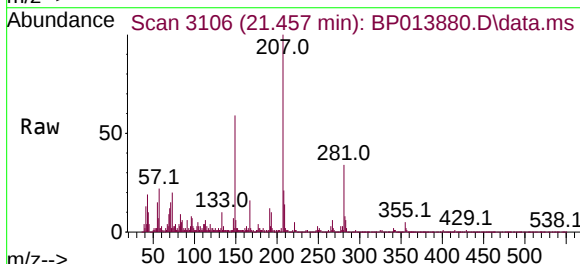
Tgt Ion:149 Resp: 49950

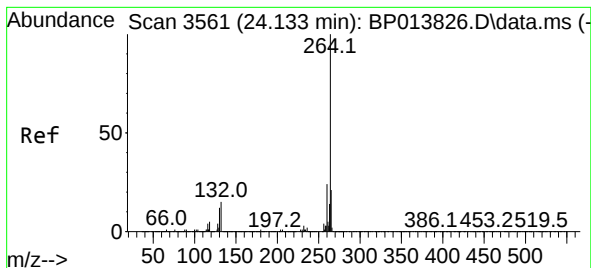
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 5.5 3.9 5.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.127 min Scan# 3560

Delta R.T. 0.006 min

Lab File: BP013880.D

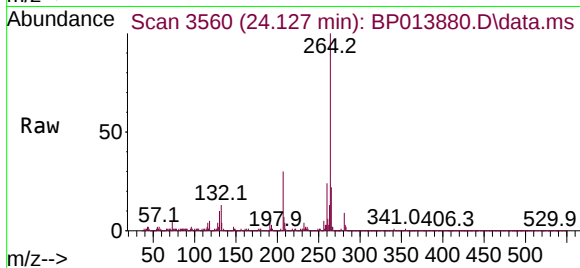
Acq: 23 Feb 2023 15:18

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 754271

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.1 17.6 26.4

