

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014301.D
 Acq On : 24 Mar 2023 22:23
 Operator : CG/JU
 Sample : PB151641TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151641TB

Quant Time: Mar 25 03:23:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	200373	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	770751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	470064	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	930570	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	586376	20.000	ng	# 0.00
86) Perylene-d12	24.033	264	554995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1871608	151.481	ng	0.00
7) Phenol-d6	7.193	99	2406038	148.322	ng	0.00
23) Nitrobenzene-d5	9.211	82	1621121	96.133	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	925433	121.426	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	3292131	90.737	ng	0.00
79) Terphenyl-d14	19.975	244	3742211	105.235	ng	0.00

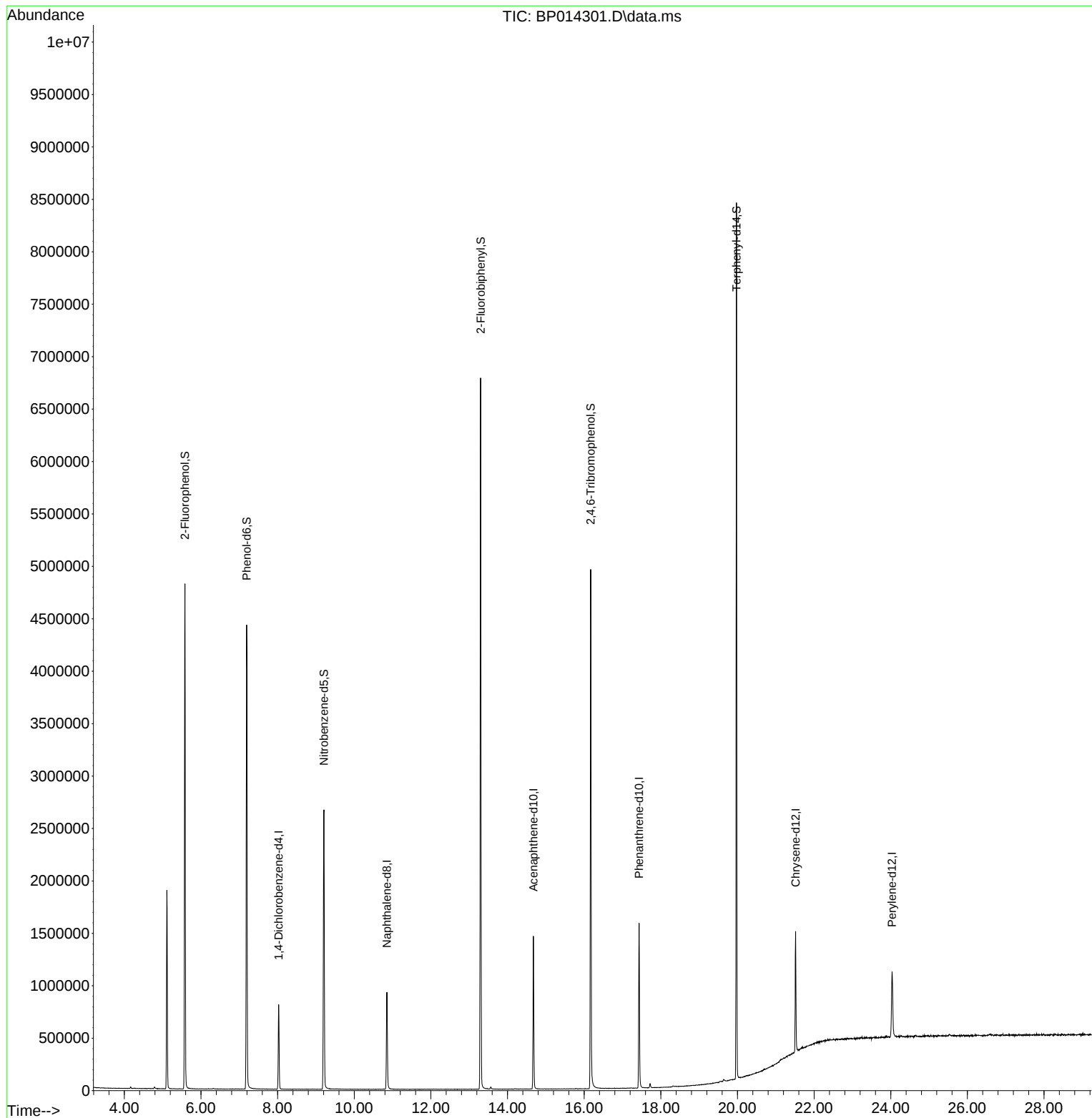
Target Compounds	Qvalue

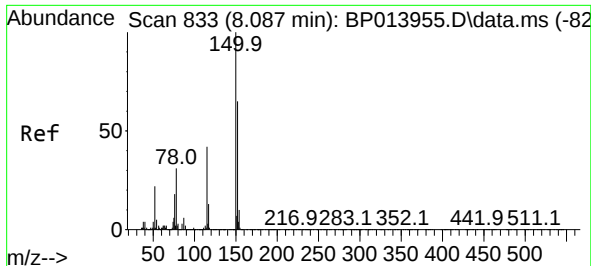
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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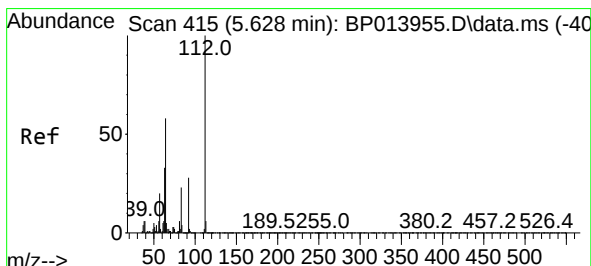
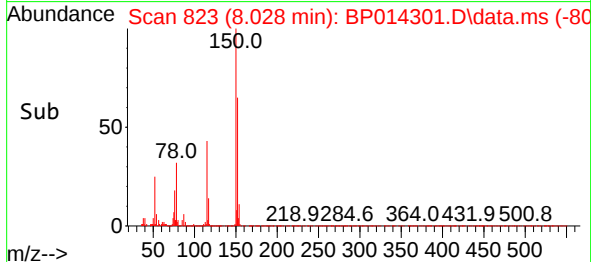
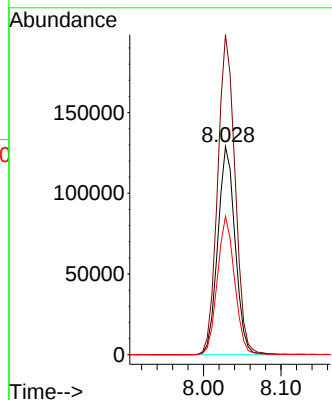
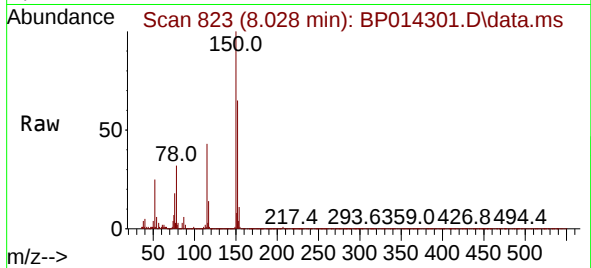




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.028 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP014301.D
 Acq: 24 Mar 2023 22:23

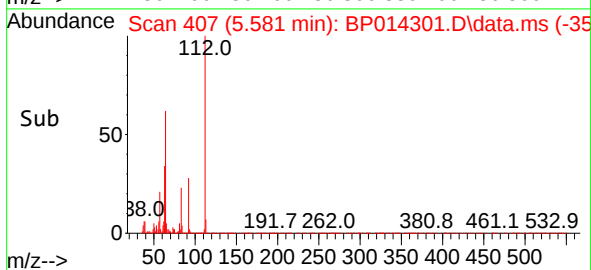
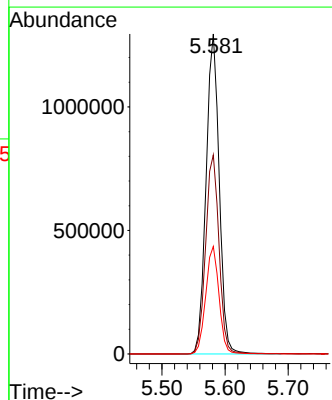
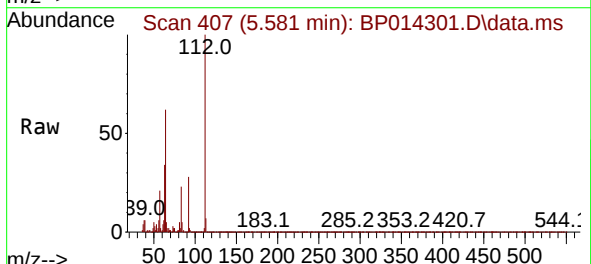
Instrument :
 BNA_P
 ClientSampleId :
 PB151641TB

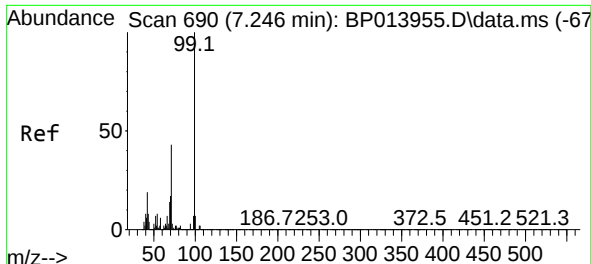
Tgt Ion:152 Resp: 200373
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.3 183.5
 115 66.6 51.6 77.4



#5
 2-Fluorophenol
 Concen: 151.481 ng
 RT: 5.581 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: BP014301.D
 Acq: 24 Mar 2023 22:23

Tgt Ion:112 Resp: 1871608
 Ion Ratio Lower Upper
 112 100
 64 62.2 46.7 70.1
 63 33.6 26.6 40.0

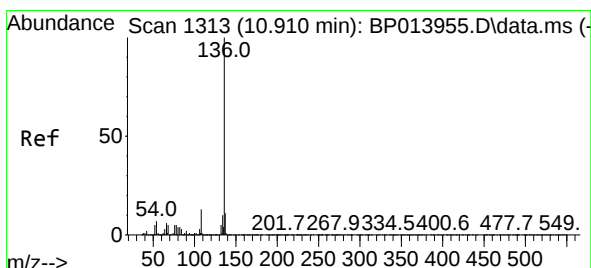
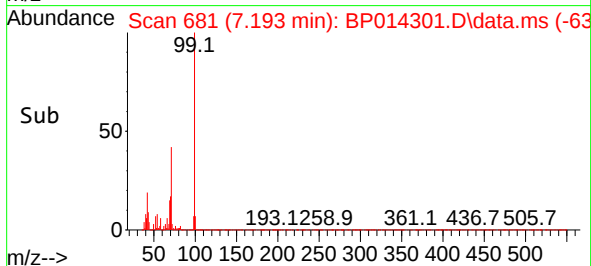
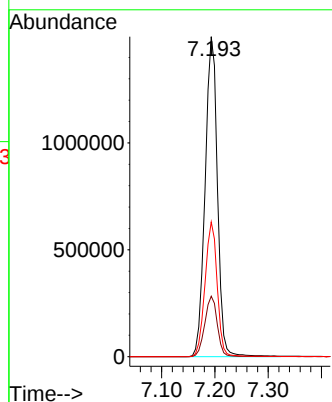
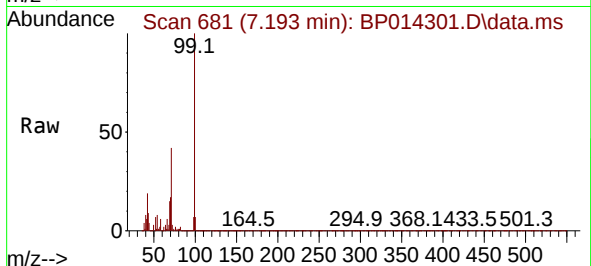




#7
Phenol-d6
Concen: 148.322 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

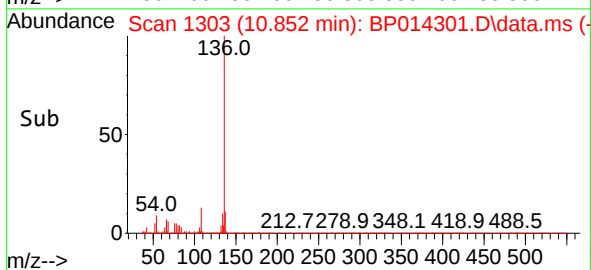
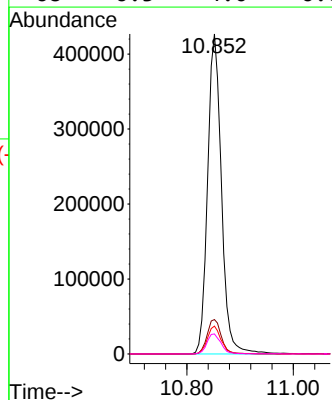
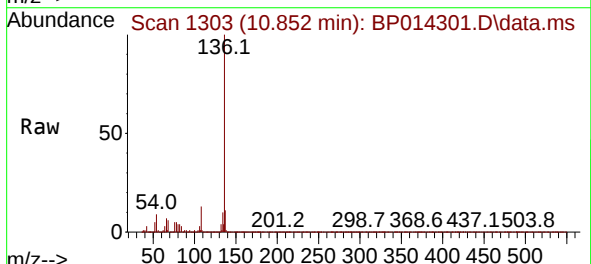
Instrument :
BNA_P
ClientSampleId :
PB151641TB

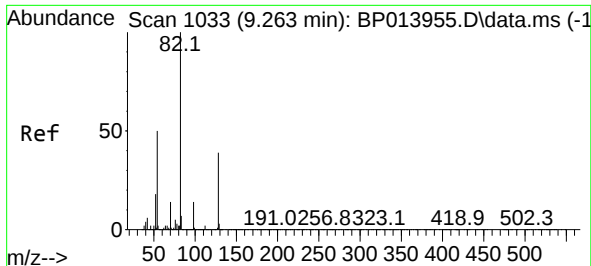
Tgt Ion: 99 Resp: 2406038
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 42.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

Tgt Ion:136 Resp: 770751
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.7 5.8 8.8
68 6.3 4.0 6.0#

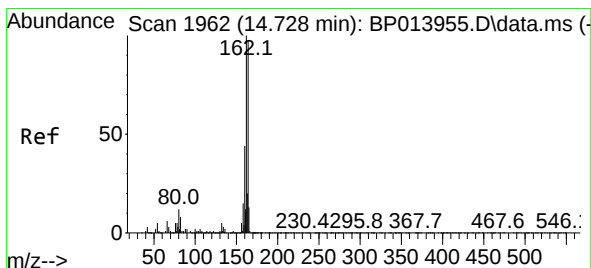
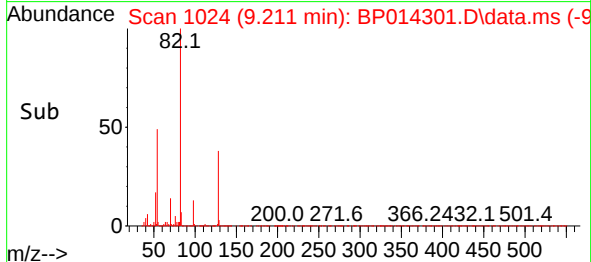
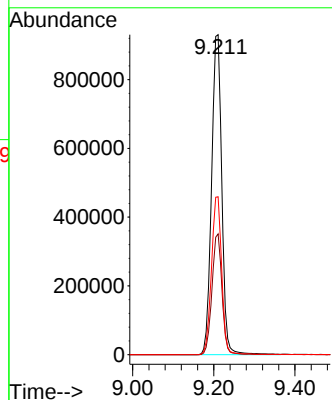
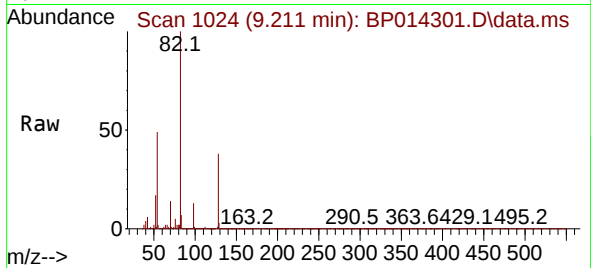




#23
Nitrobenzene-d5
Concen: 96.133 ng
RT: 9.211 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

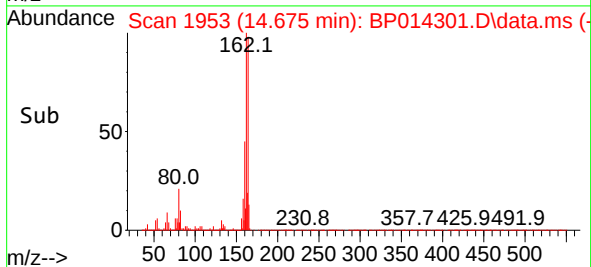
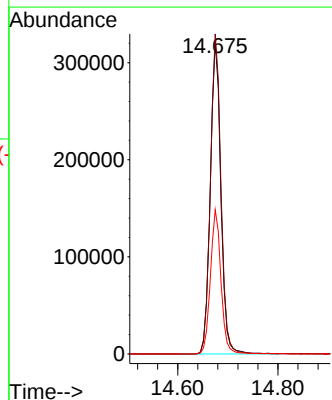
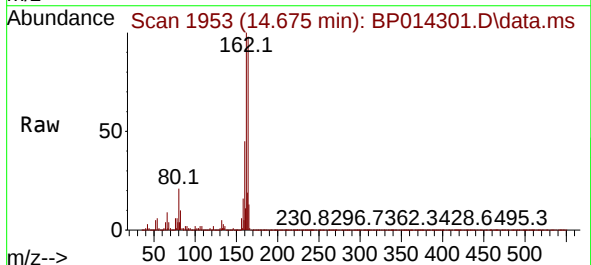
Instrument :
BNA_P
ClientSampleId :
PB151641TB

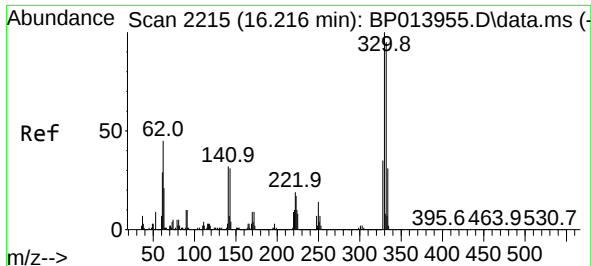
Tgt Ion: 82 Resp: 1621121
Ion Ratio Lower Upper
82 100
128 37.8 31.1 46.7
54 49.3 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

Tgt Ion: 164 Resp: 470064
Ion Ratio Lower Upper
164 100
162 102.5 82.1 123.1
160 46.2 36.2 54.2

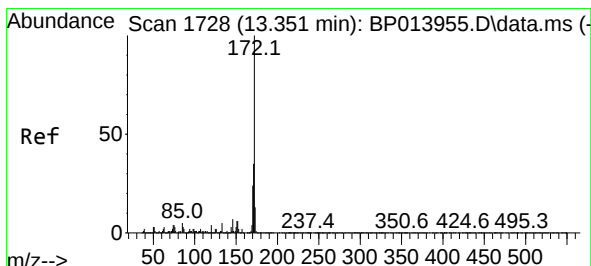
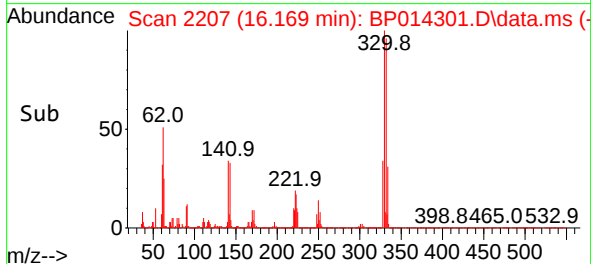
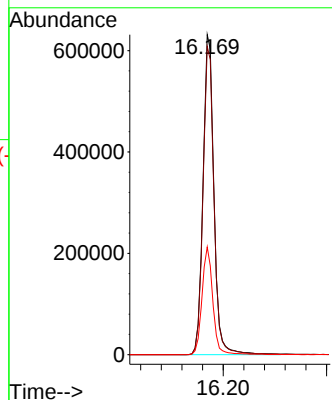
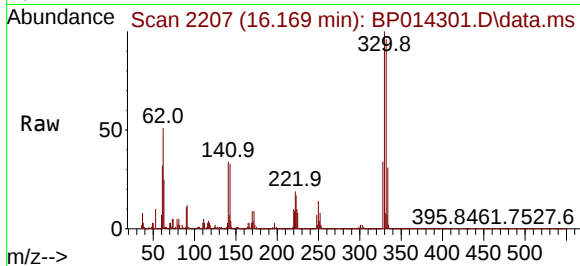




#42
2,4,6-Tribromophenol
Concen: 121.426 ng
RT: 16.169 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

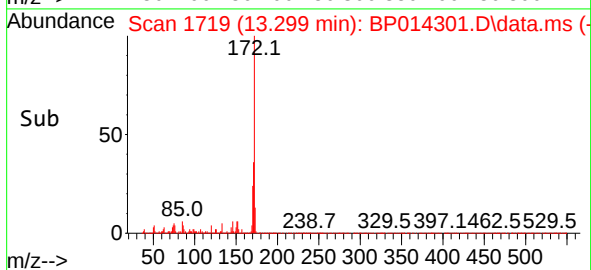
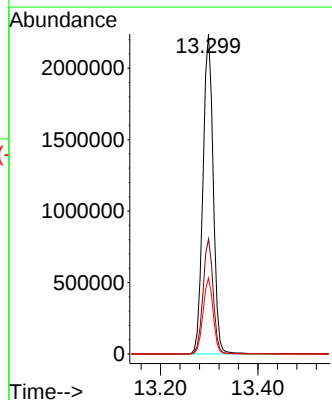
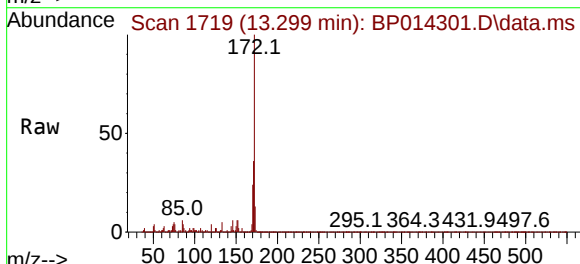
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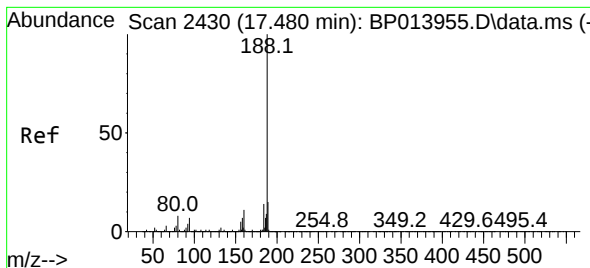
Tgt Ion:330 Resp: 925433
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.5 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 90.737 ng
RT: 13.299 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BP014301.D
Acq: 24 Mar 2023 22:23

Tgt Ion:172 Resp: 3292131
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP014301.D

Acq: 24 Mar 2023 22:23

Instrument :

BNA_P

ClientSampleId :

PB151641TB

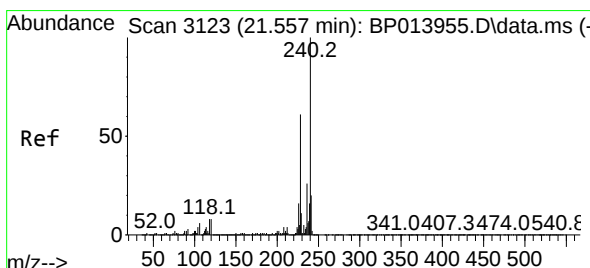
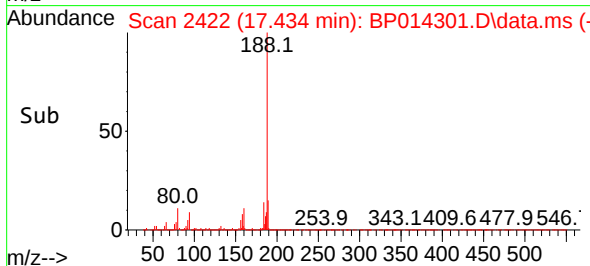
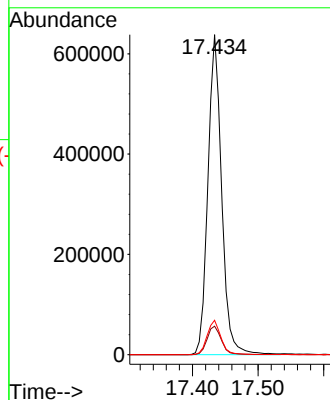
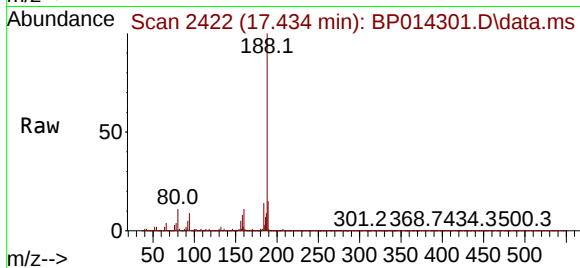
Tgt Ion:188 Resp: 930570

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.6#

80 10.7 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BP014301.D

Acq: 24 Mar 2023 22:23

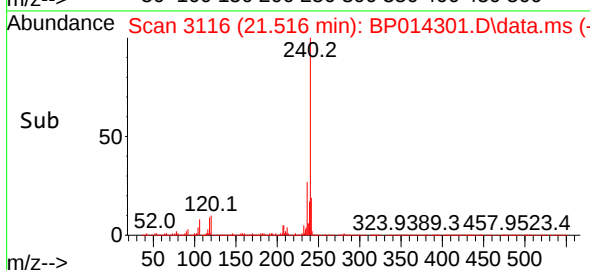
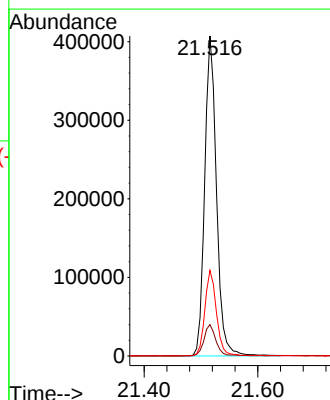
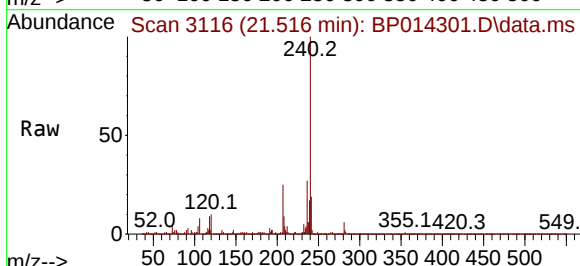
Tgt Ion:240 Resp: 586376

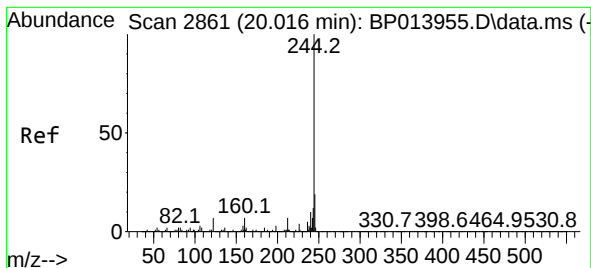
Ion Ratio Lower Upper

240 100

120 9.8 6.4 9.6#

236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 105.235 ng

RT: 19.975 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014301.D

Acq: 24 Mar 2023 22:23

Instrument :

BNA_P

ClientSampleId :

PB151641TB

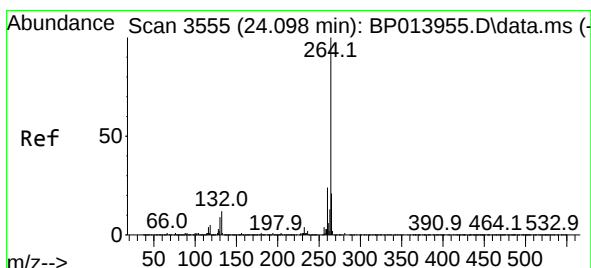
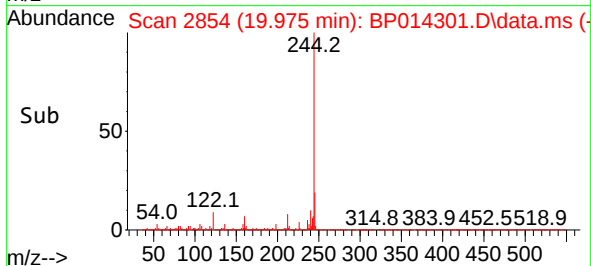
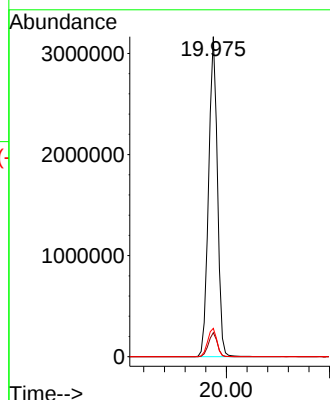
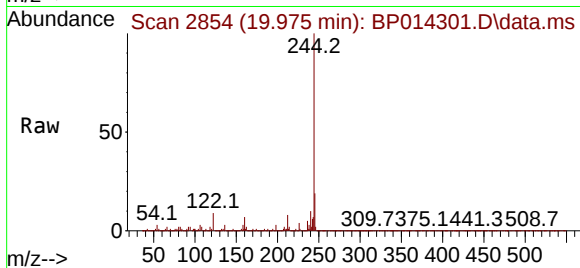
Tgt Ion:244 Resp: 3742211

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 8.8 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3544

Delta R.T. 0.000 min

Lab File: BP014301.D

Acq: 24 Mar 2023 22:23

Tgt Ion:264 Resp: 554995

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.9 17.8 26.8

