

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014335.D
 Acq On : 28 Mar 2023 03:58
 Operator : CG/JU
 Sample : SP6171
 Misc : 8270 SURROGATE
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP6171

Quant Time: Mar 28 04:22:17 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	8.022	152	126179	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	486809	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	299879	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	649119	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	567798	20.000	ng	0.00
86) Perylene-d12	24.027	264	606613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1291713	166.020	ng	0.00
7) Phenol-d6	7.187	99	1661937	162.693	ng	0.00
23) Nitrobenzene-d5	9.199	82	1100595	103.333	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	675313	138.893	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	2254353	97.396	ng	0.00
79) Terphenyl-d14	19.969	244	3475730	100.939	ng	0.00

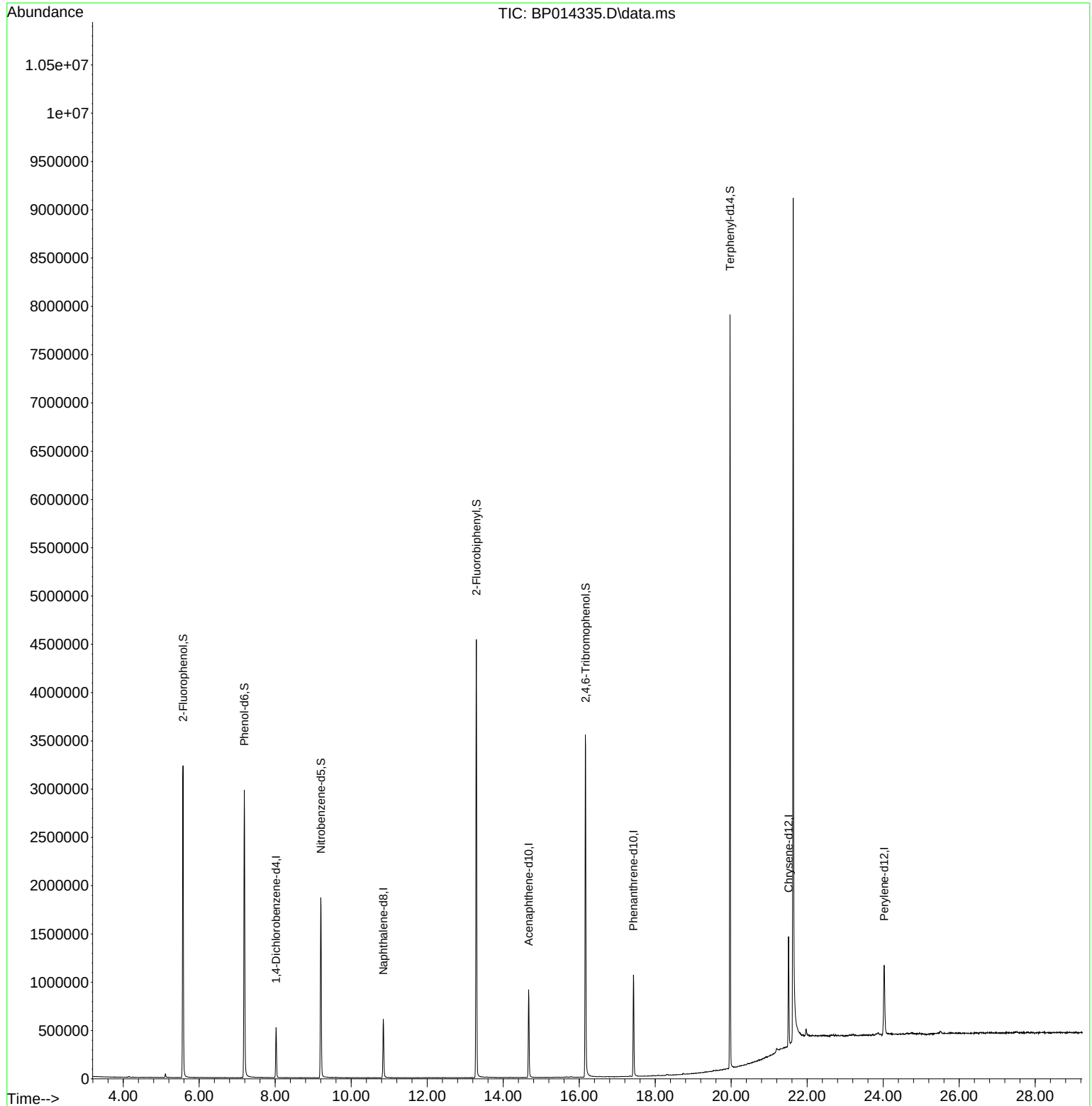
Target Compounds Qvalue

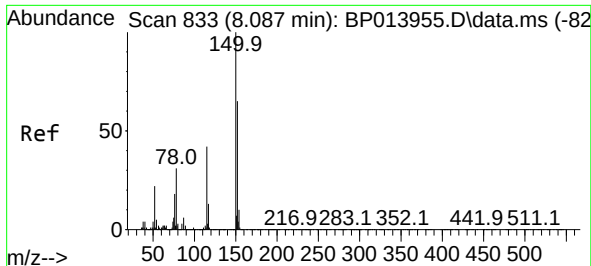
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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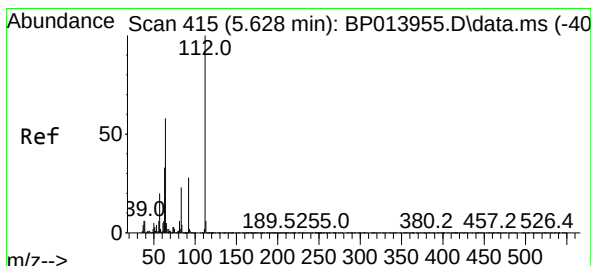
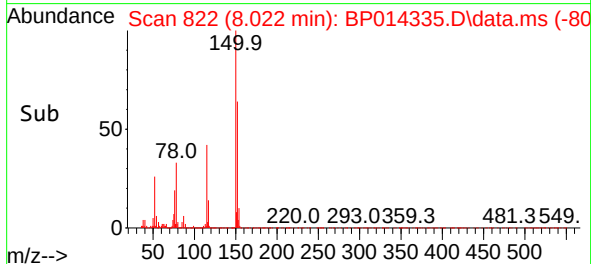
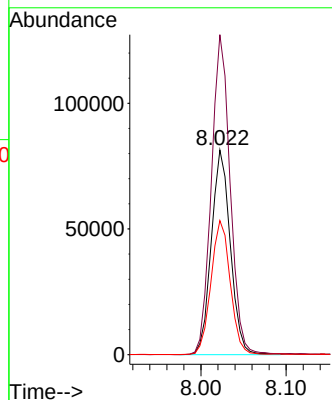
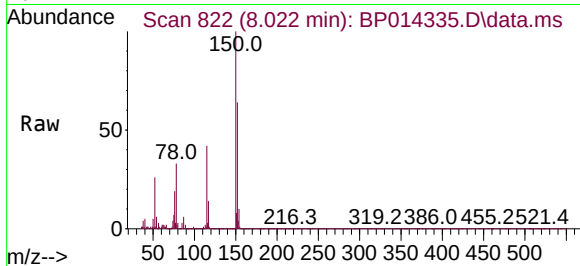




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.022 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP014335.D
 Acq: 28 Mar 2023 03:58

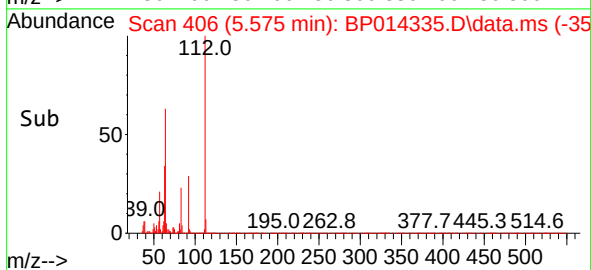
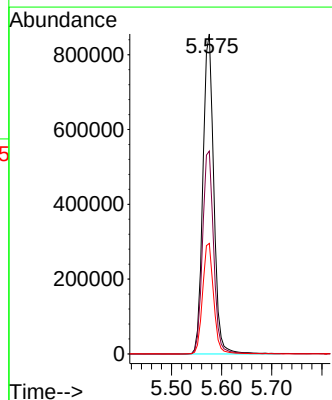
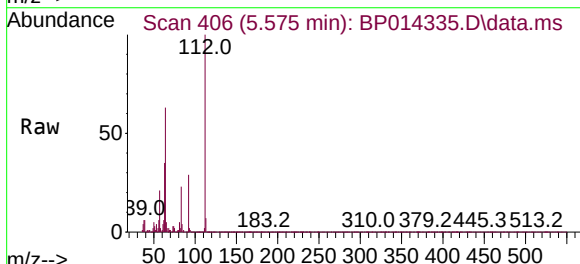
Instrument :
 BNA_P
 ClientSampleId :
 SP6171

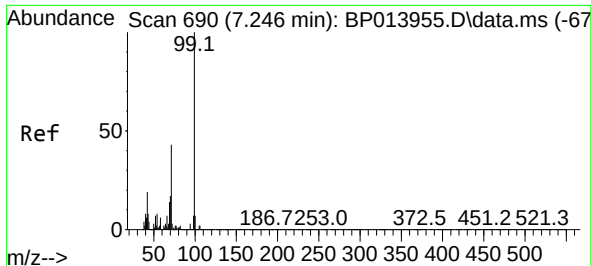
Tgt Ion:152 Resp: 126179
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.3 183.5
 115 65.5 51.6 77.4



#5
 2-Fluorophenol
 Concen: 166.020 ng
 RT: 5.575 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: BP014335.D
 Acq: 28 Mar 2023 03:58

Tgt Ion:112 Resp: 1291713
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.7 70.1
 63 34.5 26.6 40.0

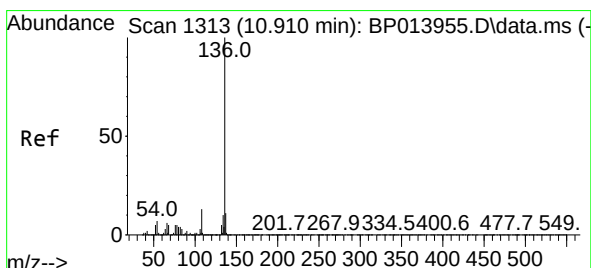
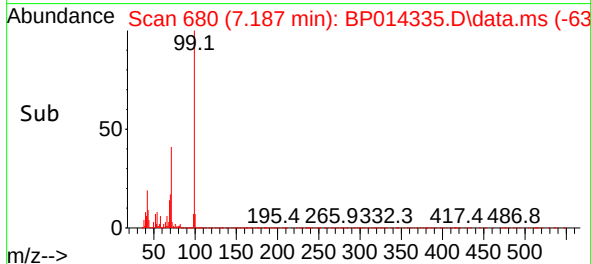
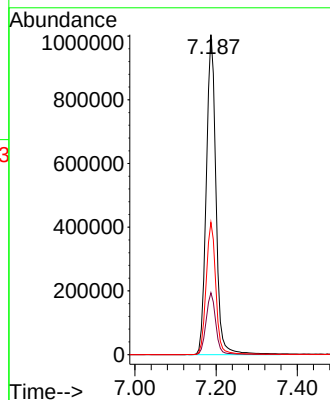
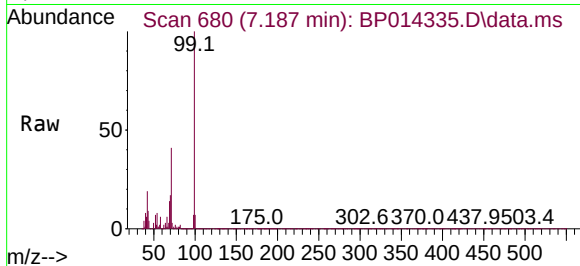




#7
Phenol-d6
Concen: 162.693 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

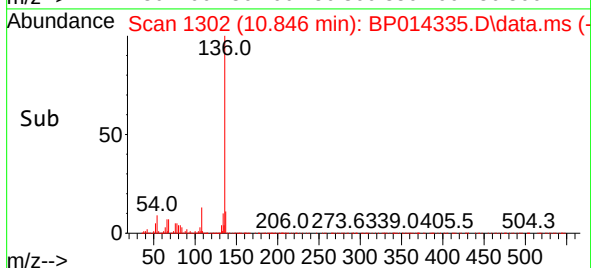
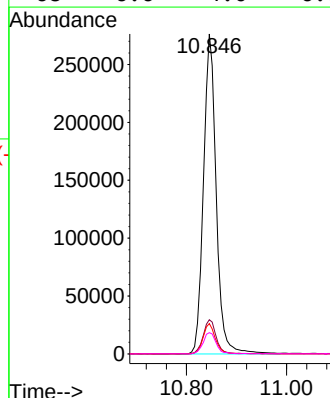
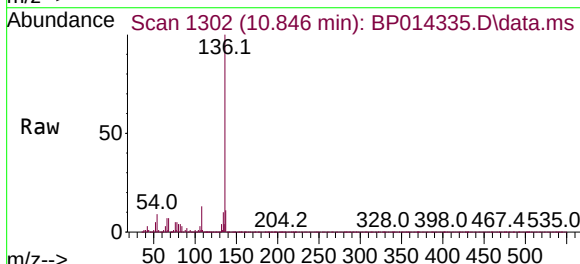
Instrument :
BNA_P
ClientSampleId :
SP6171

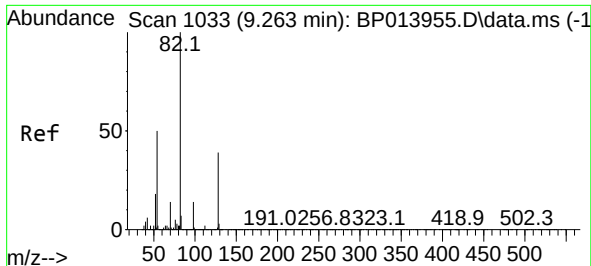
Tgt Ion: 99 Resp: 1661937
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.6
71 41.3 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:136 Resp: 486809
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.5 5.8 8.8#
68 6.6 4.0 6.0#

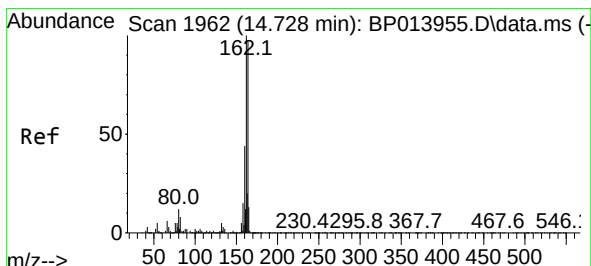
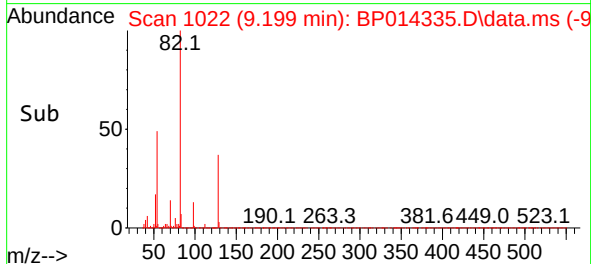
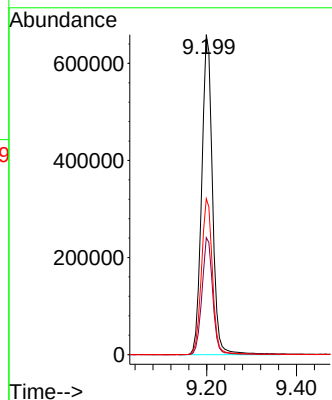
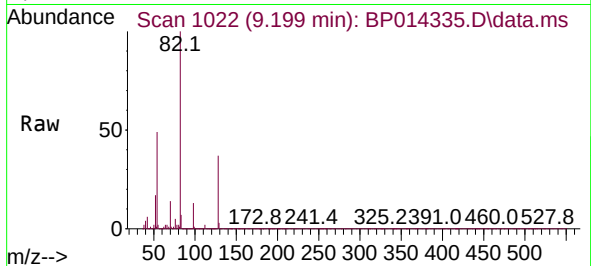




#23
Nitrobenzene-d5
Concen: 103.333 ng
RT: 9.199 min Scan# 10
Delta R.T. -0.012 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

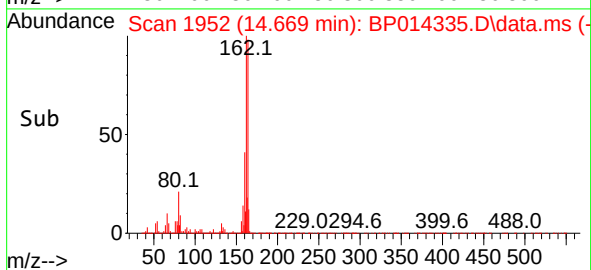
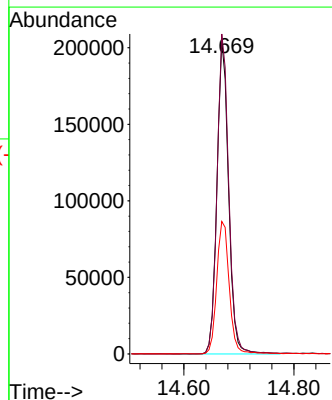
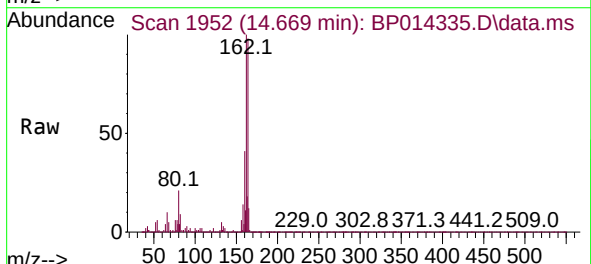
Instrument :
BNA_P
ClientSampleId :
SP6171

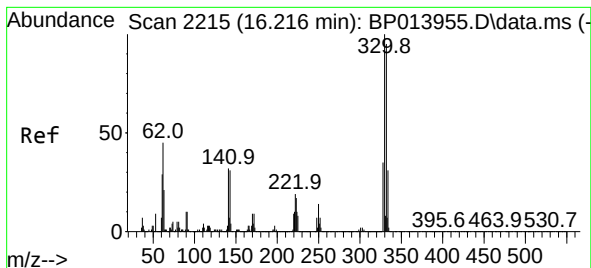
Tgt Ion: 82 Resp: 1100595
Ion Ratio Lower Upper
82 100
128 36.5 31.1 46.7
54 48.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion: 164 Resp: 299879
Ion Ratio Lower Upper
164 100
162 102.1 82.1 123.1
160 42.3 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 138.893 ng

RT: 16.169 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

Instrument :

BNA_P

ClientSampleId :

SP6171

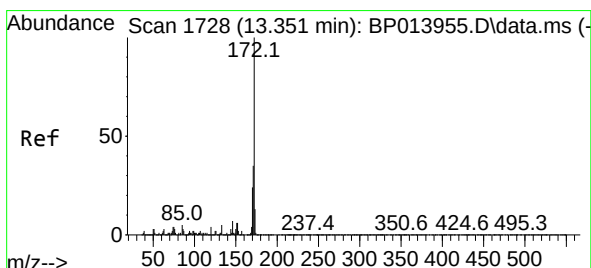
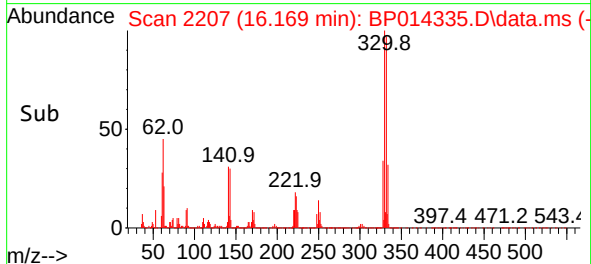
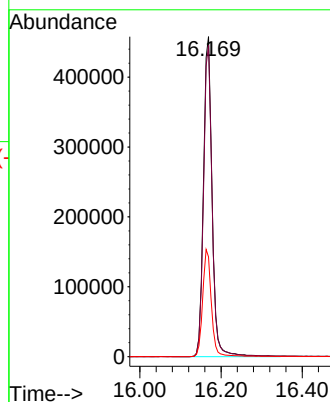
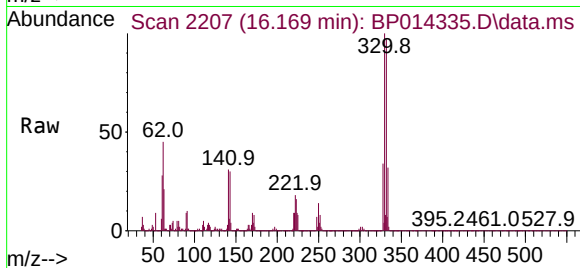
Tgt Ion:330 Resp: 675313

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 33.6 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 97.396 ng

RT: 13.293 min Scan# 1718

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

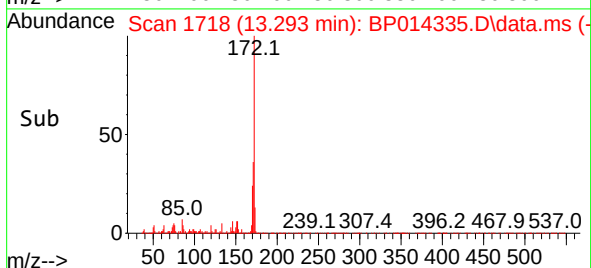
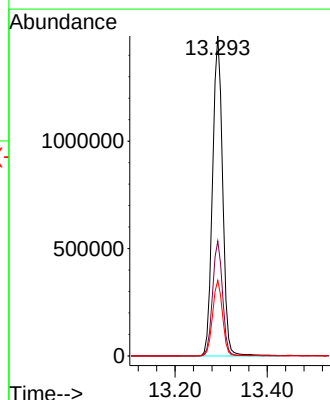
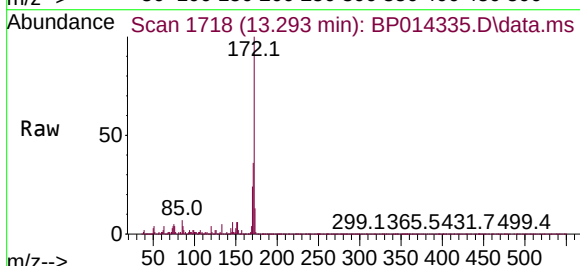
Tgt Ion:172 Resp: 2254353

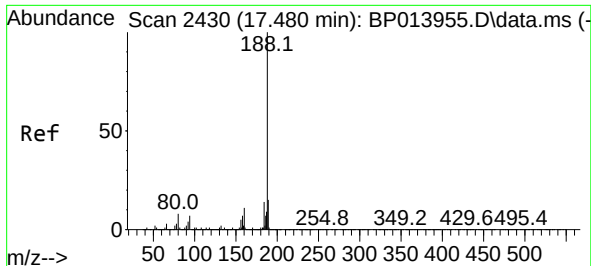
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.6 19.0 28.4

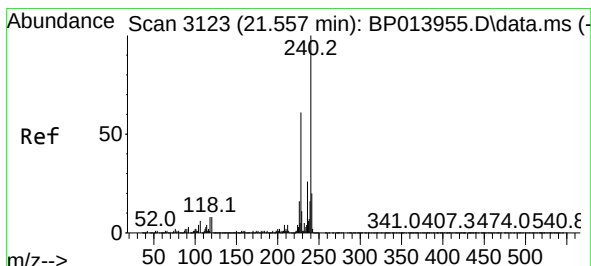
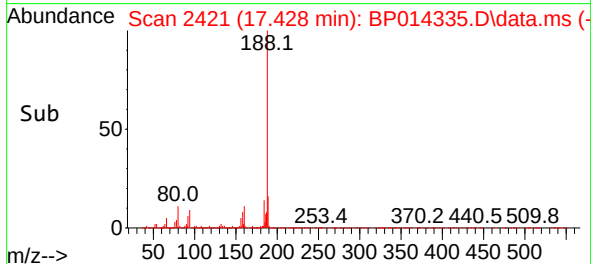
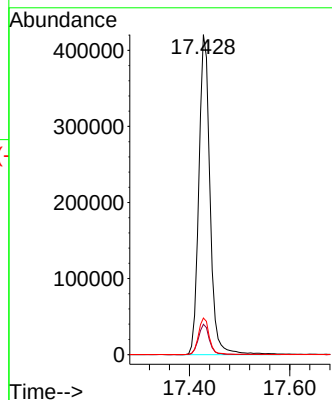
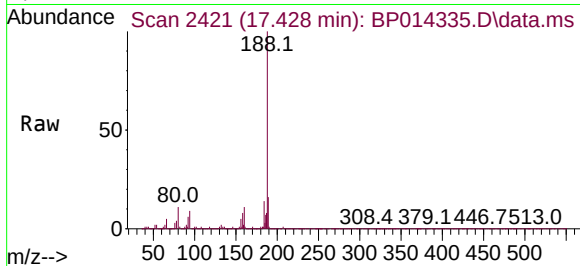




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.428 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

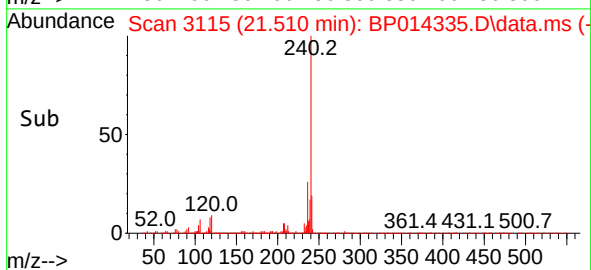
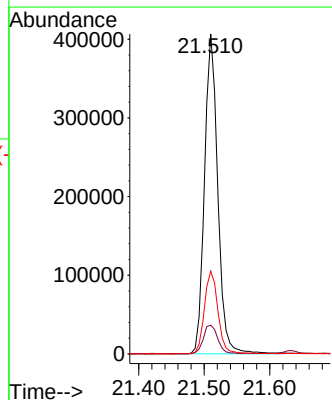
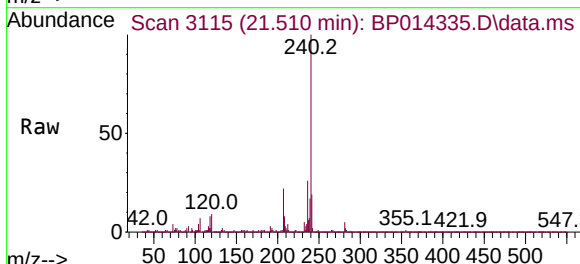
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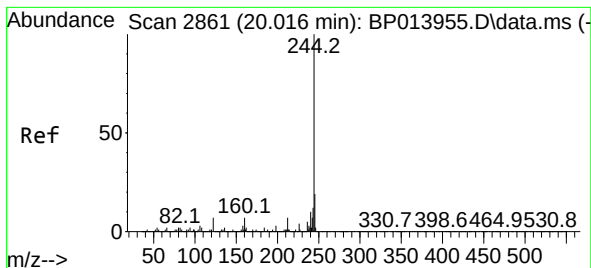
Tgt Ion:188 Resp: 649119
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.6#
80 11.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP014335.D
Acq: 28 Mar 2023 03:58

Tgt Ion:240 Resp: 567798
Ion Ratio Lower Upper
240 100
120 9.0 6.4 9.6
236 25.8 21.2 31.8





#79

Terphenyl-d14

Concen: 100.939 ng

RT: 19.969 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

Instrument :

BNA_P

ClientSampleId :

SP6171

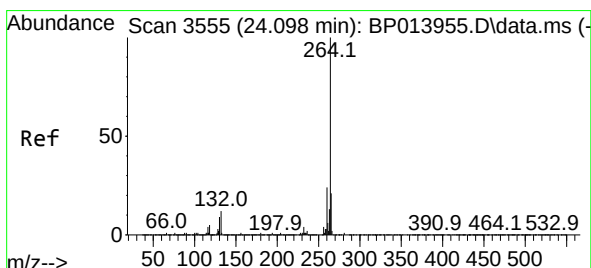
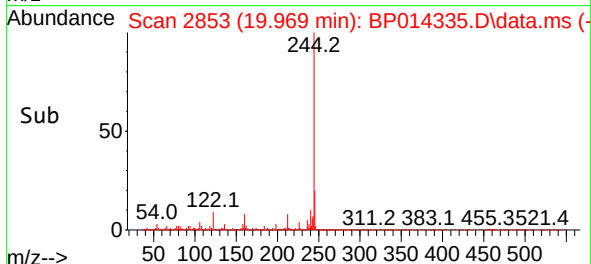
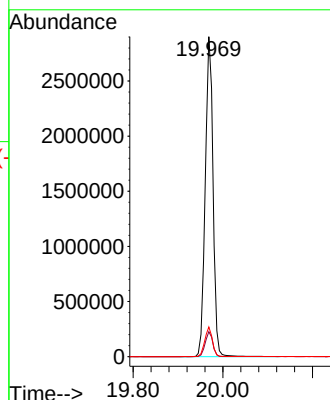
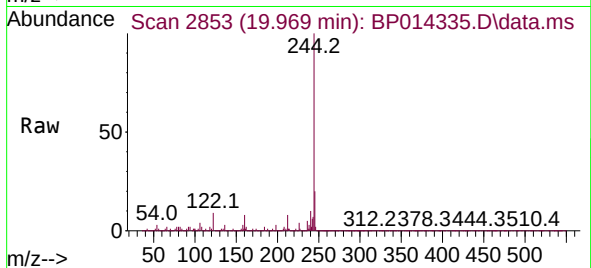
Tgt Ion:244 Resp: 3475730

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 9.3 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP014335.D

Acq: 28 Mar 2023 03:58

Tgt Ion:264 Resp: 606613

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.9 17.8 26.8

