

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013914.D
 Acq On : 01 Mar 2023 11:27
 Operator : CG/JU
 Sample : PB151104BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151104BL

Quant Time: Mar 02 04:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	106624	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	391599	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	246772	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	585849	20.000	ng	0.00
76) Chrysene-d12	21.563	240	657923	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	815003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	856095	132.328	ng	0.00
7) Phenol-d6	7.252	99	1055312	127.366	ng	0.00
23) Nitrobenzene-d5	9.269	82	683230	94.215	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	528096	147.012	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1565861	83.344	ng	0.00
79) Terphenyl-d14	20.022	244	3029257	88.586	ng	0.00

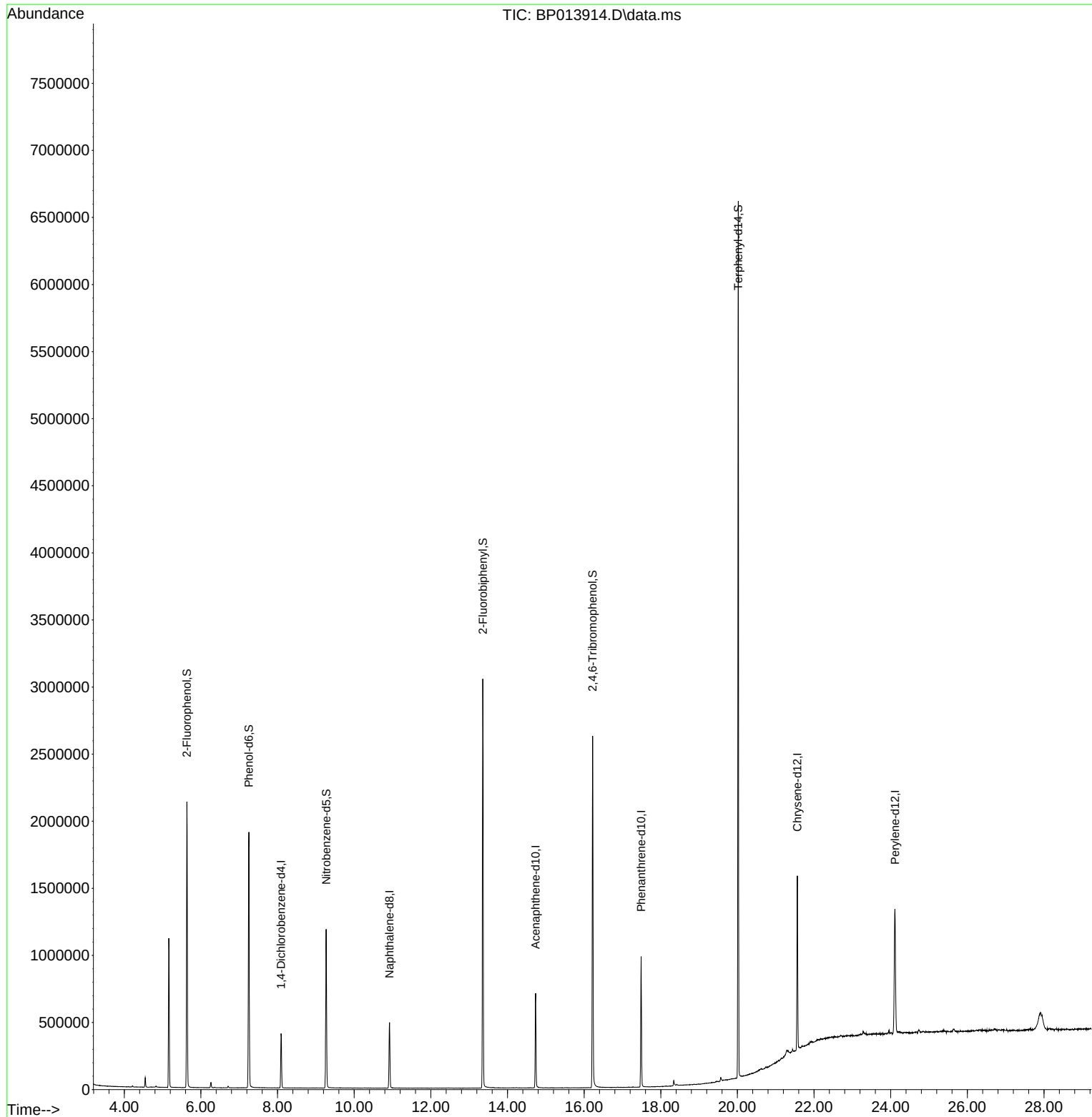
Target Compounds Qvalue

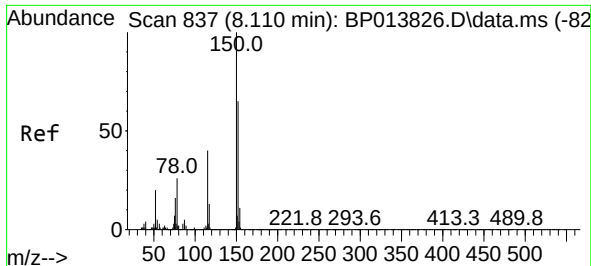
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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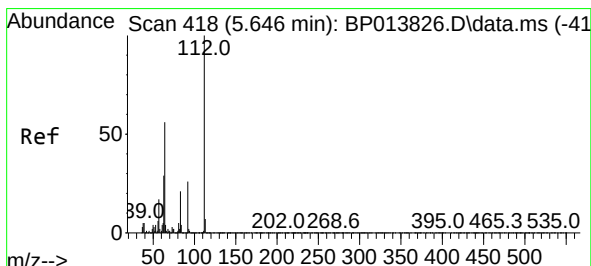
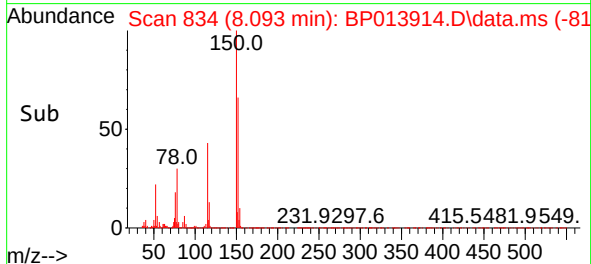
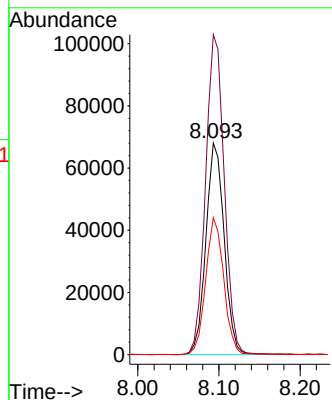
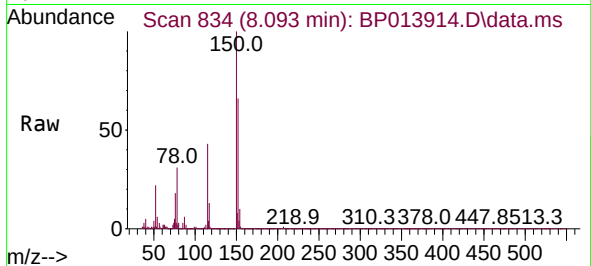




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

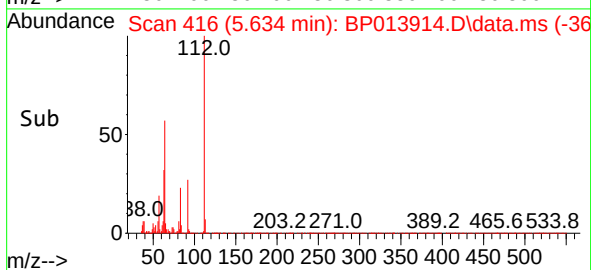
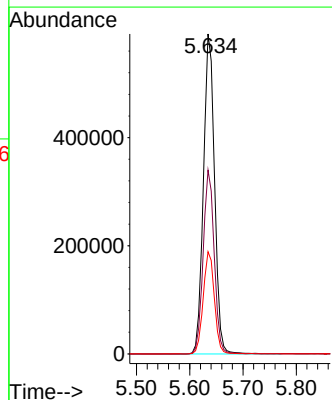
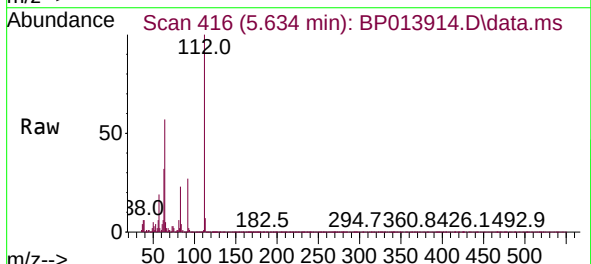
Instrument :
BNA_P
ClientSampleId :
PB151104BL

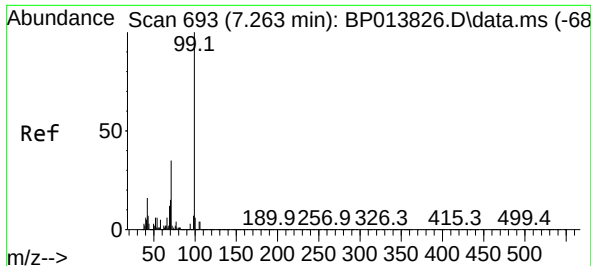
Tgt Ion:152 Resp: 106624
Ion Ratio Lower Upper
152 100
150 151.2 122.8 184.2
115 64.7 49.0 73.6



#5
2-Fluorophenol
Concen: 132.328 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion:112 Resp: 856095
Ion Ratio Lower Upper
112 100
64 57.4 44.6 66.8
63 31.9 23.6 35.4



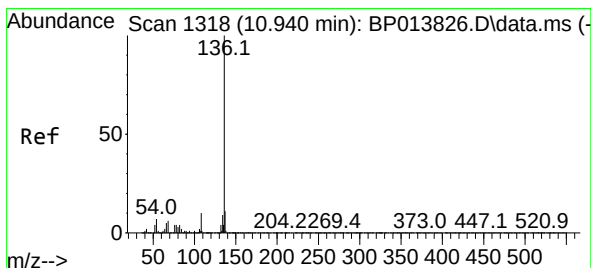
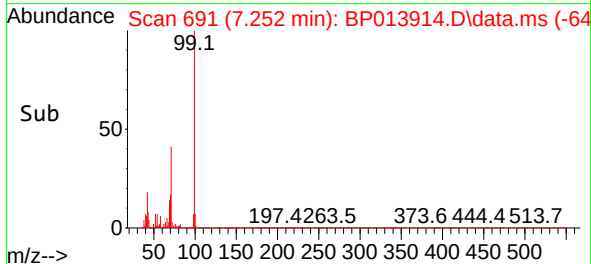
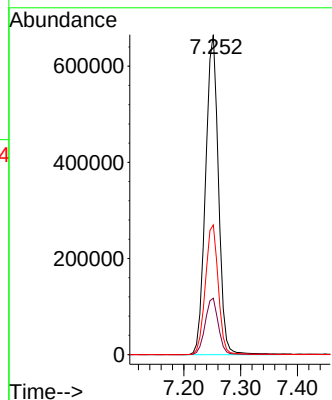
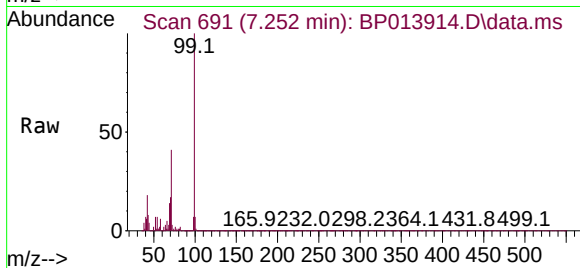


#7
Phenol-d6
Concen: 127.366 ng
RT: 7.252 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Instrument :
BNA_P
ClientSampleId :
PB151104BL

Tgt Ion: 99 Resp: 1055312

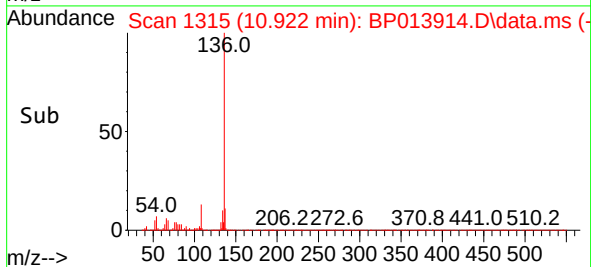
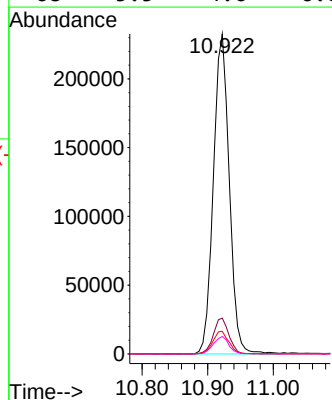
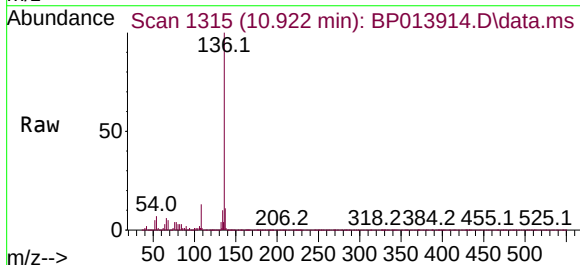
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.5	18.7
71	40.5	27.8	41.8

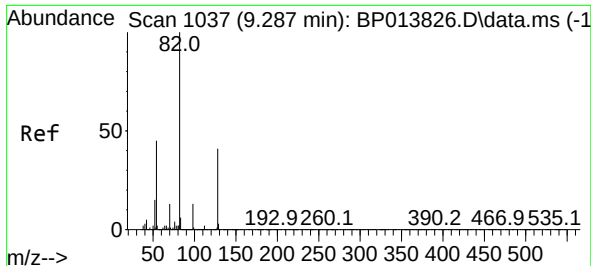


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion: 136 Resp: 391599

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.4	5.8	8.6
68	5.5	4.6	6.8

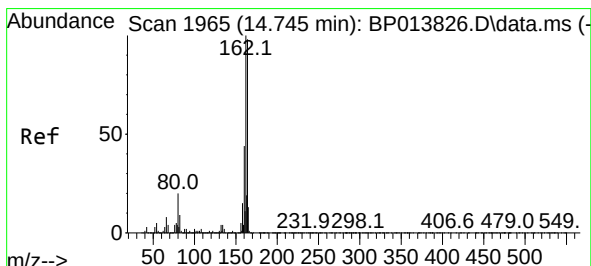
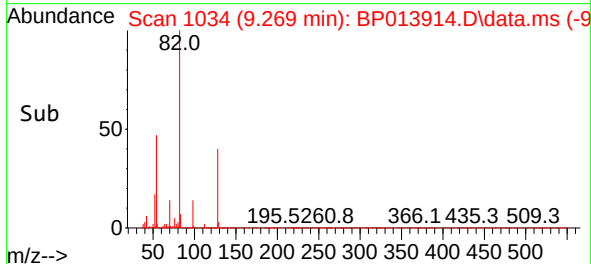
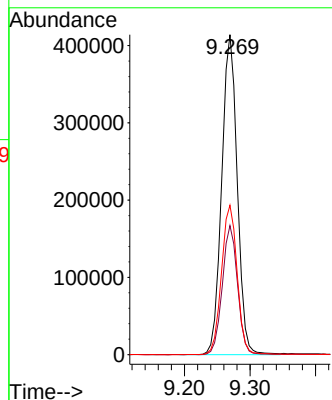
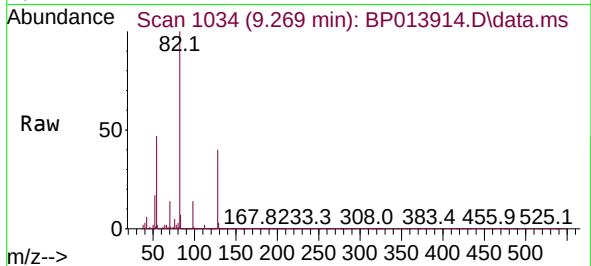




#23
Nitrobenzene-d5
Concen: 94.215 ng
RT: 9.269 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

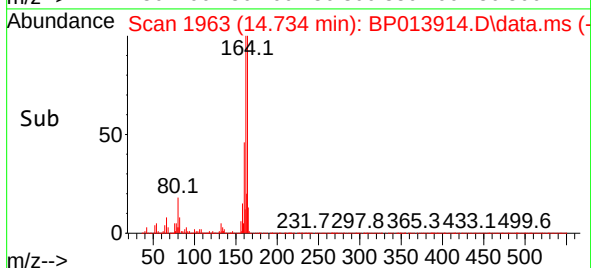
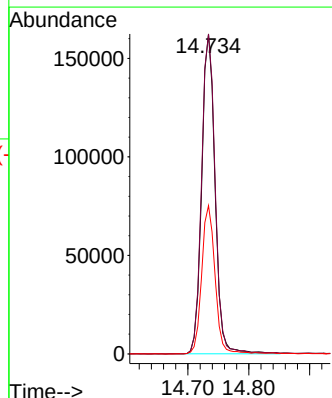
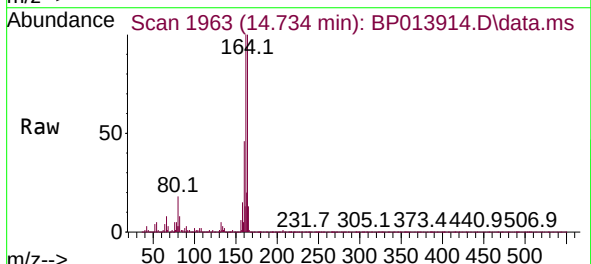
Instrument :
BNA_P
ClientSampleId :
PB151104BL

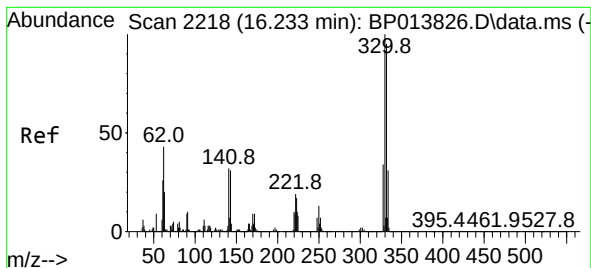
Tgt Ion: 82 Resp: 683230
Ion Ratio Lower Upper
82 100
128 40.4 32.9 49.3
54 46.7 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BP013914.D
Acq: 01 Mar 2023 11:27

Tgt Ion: 164 Resp: 246772
Ion Ratio Lower Upper
164 100
162 100.0 81.7 122.5
160 46.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 147.012 ng

RT: 16.222 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

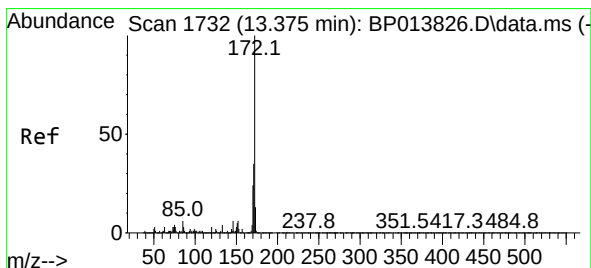
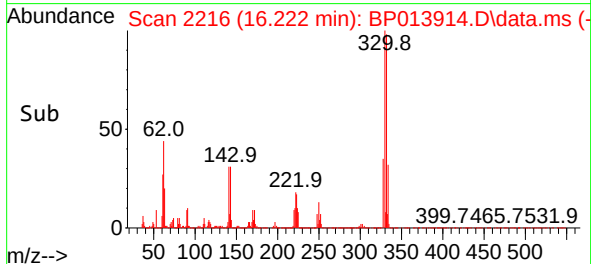
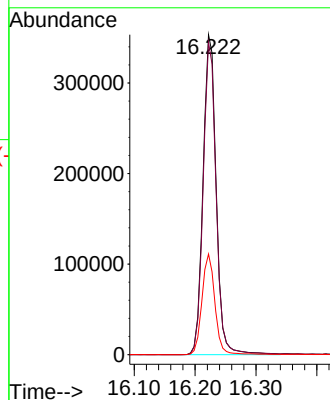
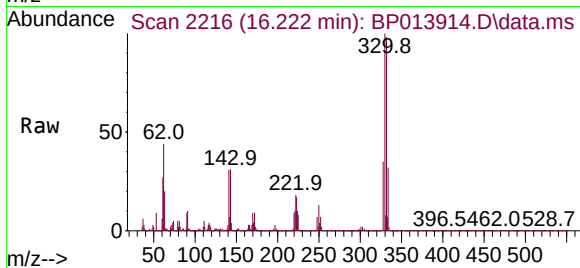
Tgt Ion:330 Resp: 528096

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 30.9 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 83.344 ng

RT: 13.357 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

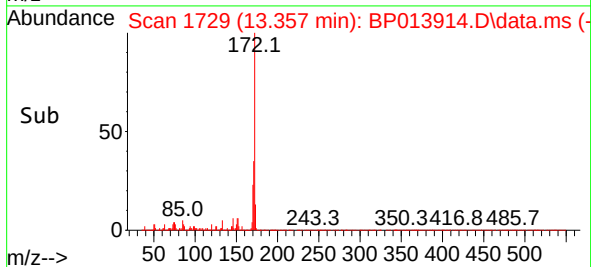
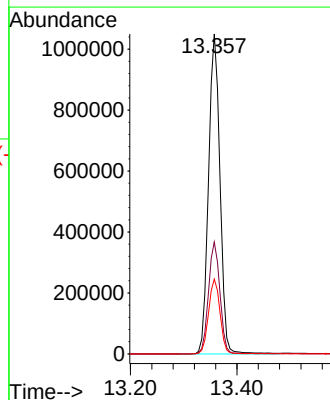
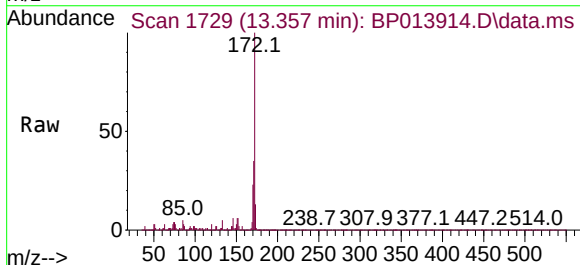
Tgt Ion:172 Resp: 1565861

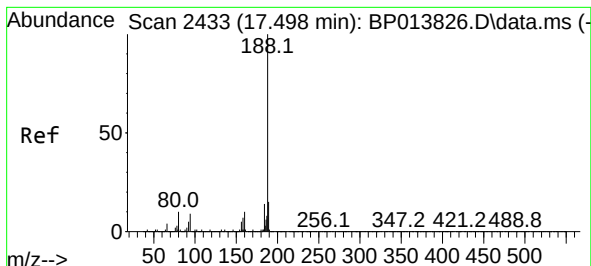
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

PB151104BL

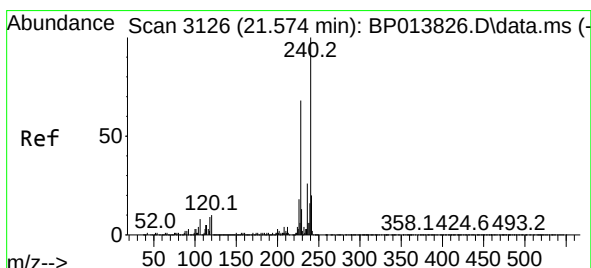
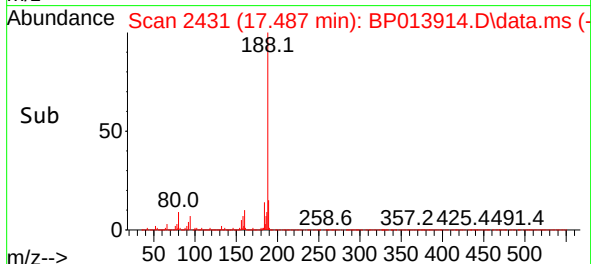
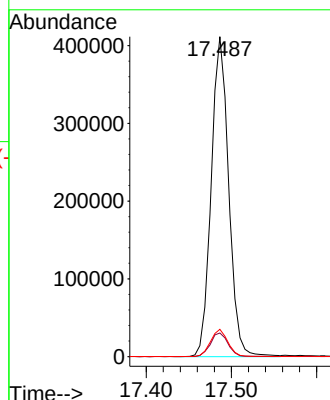
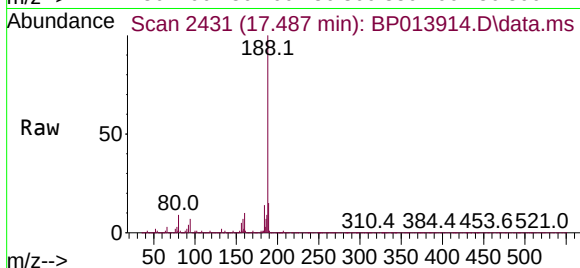
Tgt Ion:188 Resp: 585849

Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.6

80 8.5 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BP013914.D

Acq: 01 Mar 2023 11:27

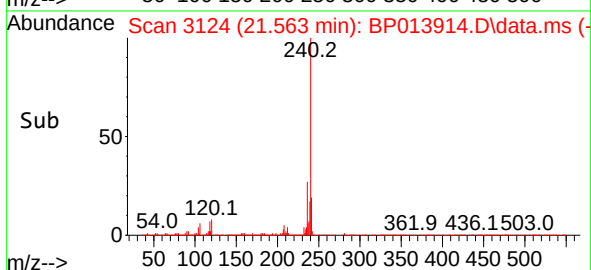
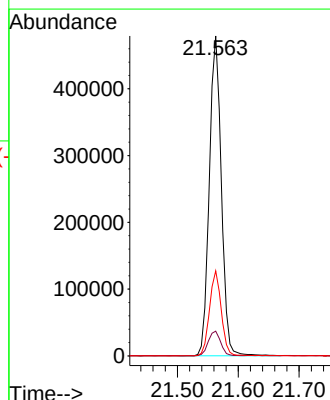
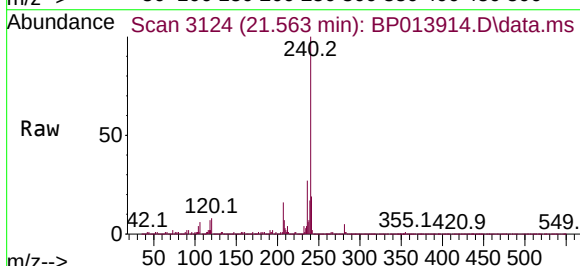
Tgt Ion:240 Resp: 657923

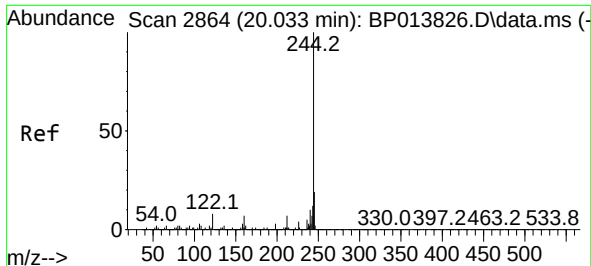
Ion Ratio Lower Upper

240 100

120 7.7 7.9 11.9#

236 26.6 20.9 31.3

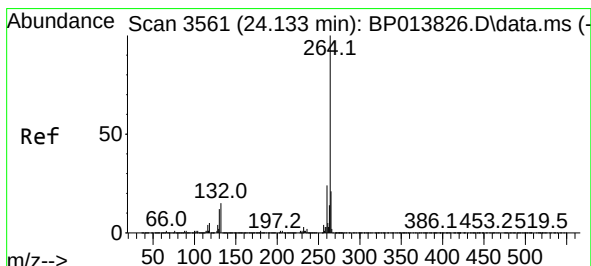
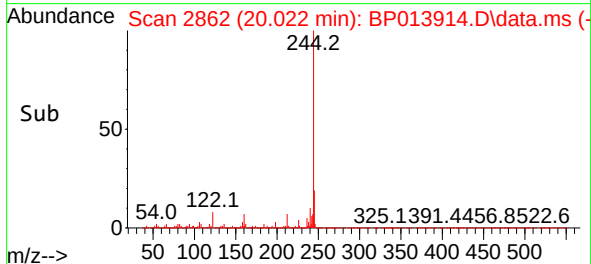
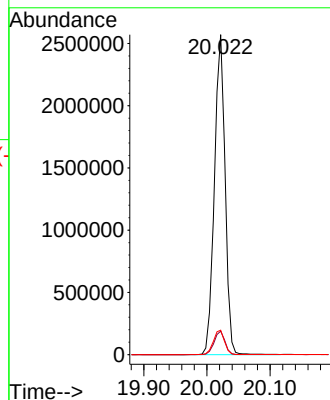
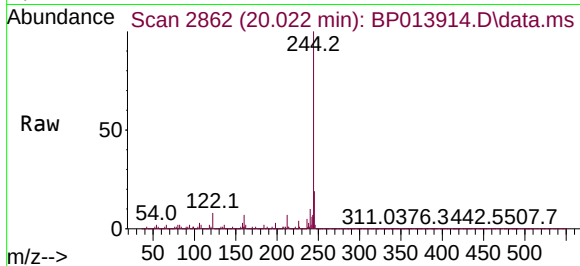




#79
 Terphenyl-d14
 Concen: 88.586 ng
 RT: 20.022 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP013914.D
 Acq: 01 Mar 2023 11:27

Instrument :
 BNA_P
 ClientSampleId :
 PB151104BL

Tgt Ion:244 Resp: 3029257
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 7.6 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.110 min Scan# 3557
 Delta R.T. 0.000 min
 Lab File: BP013914.D
 Acq: 01 Mar 2023 11:27

Tgt Ion:264 Resp: 815003
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 23.0 17.6 26.4

