

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013936.D
 Acq On : 02 Mar 2023 23:04
 Operator : CG/JU
 Sample : 01749-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CF-16

Quant Time: Mar 03 02:42:37 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	99391	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	390052	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	253954	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	590673	20.000	ng	0.00
76) Chrysene-d12	21.563	240	588719	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	687263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	523083	86.738	ng	0.00
7) Phenol-d6	7.246	99	685127	88.706	ng	0.00
23) Nitrobenzene-d5	9.263	82	441904	61.179	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	326247	88.253	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	911888	47.163	ng	0.00
79) Terphenyl-d14	20.016	244	1628271	53.214	ng	0.00

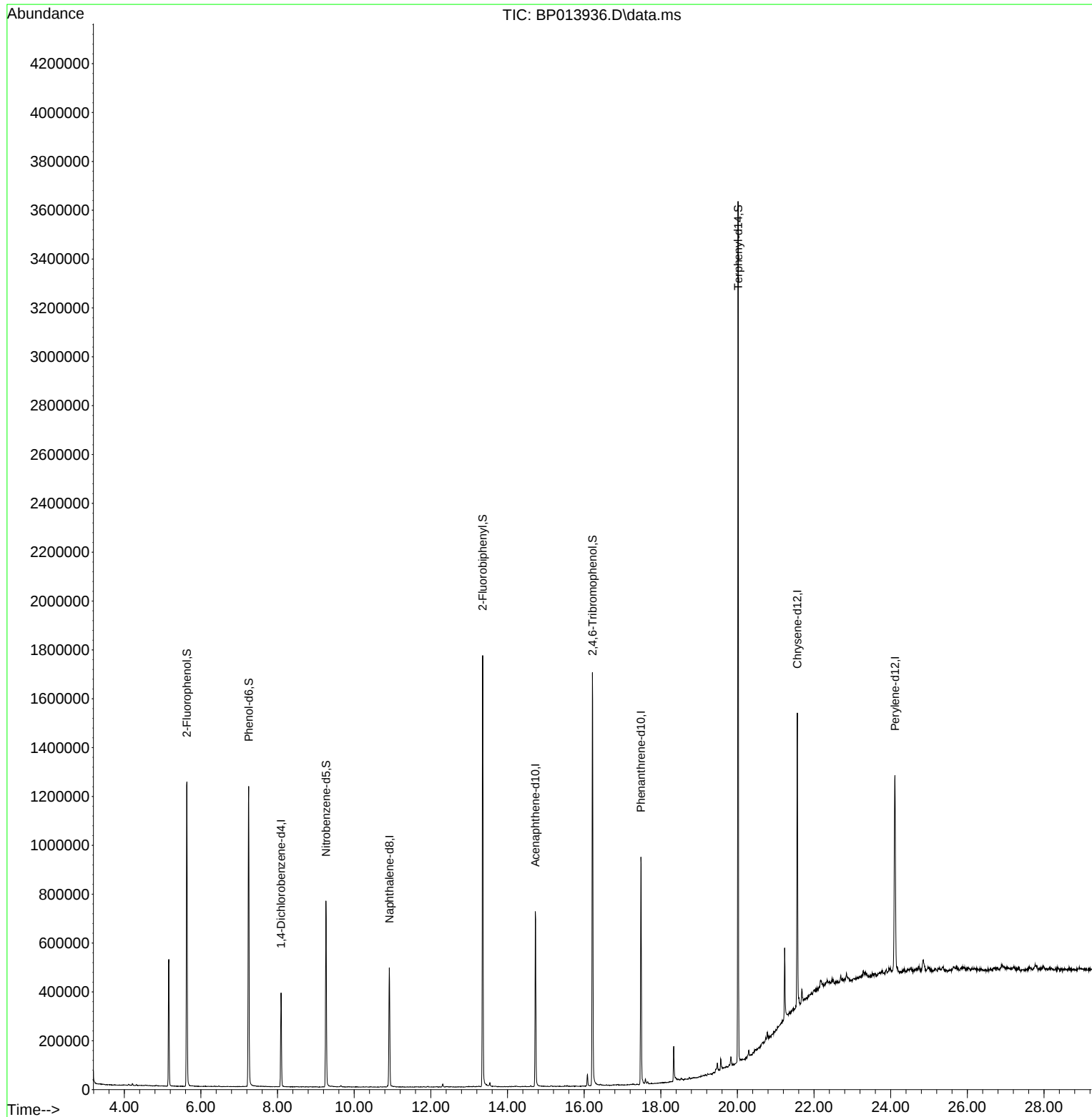
Target Compounds	Qvalue

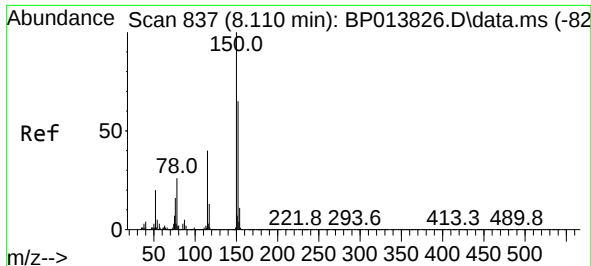
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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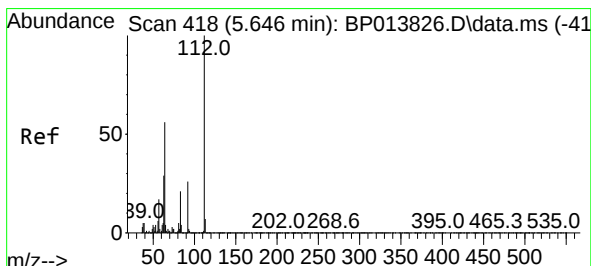
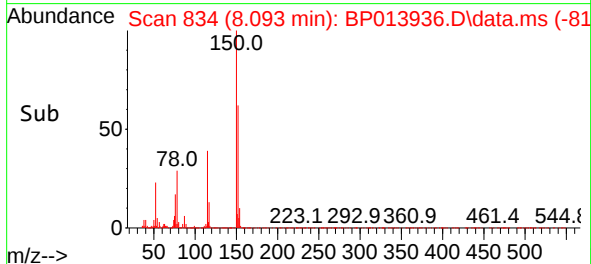
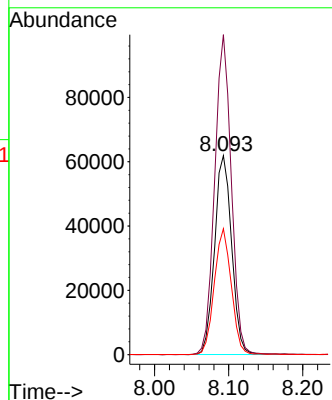
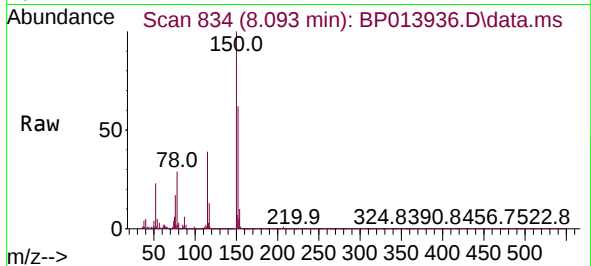




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

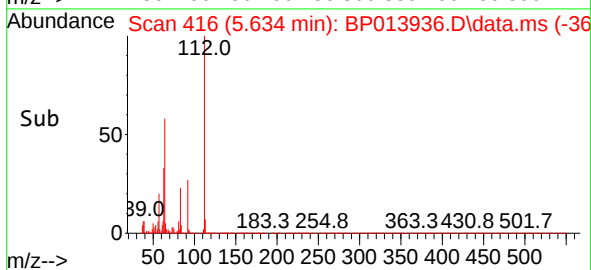
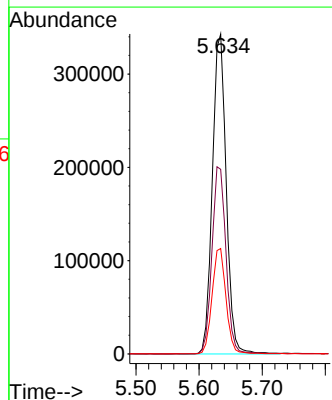
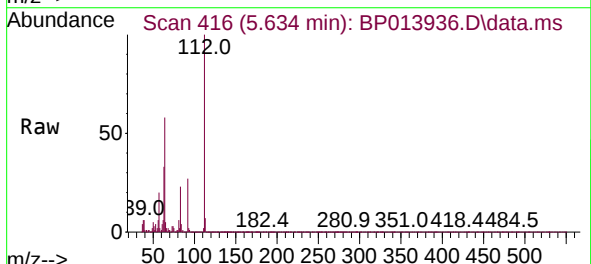
Instrument :
BNA_P
ClientSampleId :
CF-16

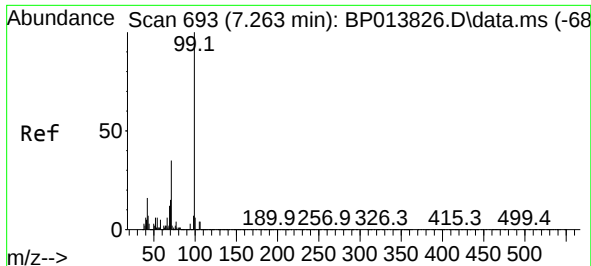
Tgt Ion:152 Resp: 99391
Ion Ratio Lower Upper
152 100
150 160.9 122.8 184.2
115 63.3 49.0 73.6



#5
2-Fluorophenol
Concen: 86.738 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:112 Resp: 523083
Ion Ratio Lower Upper
112 100
64 57.7 44.6 66.8
63 32.9 23.6 35.4

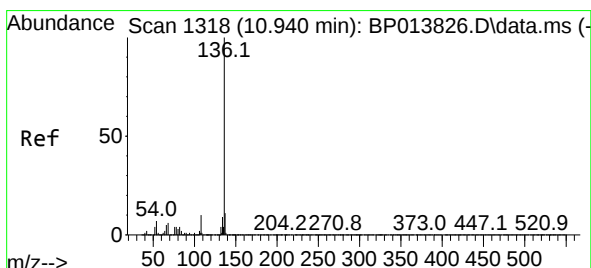
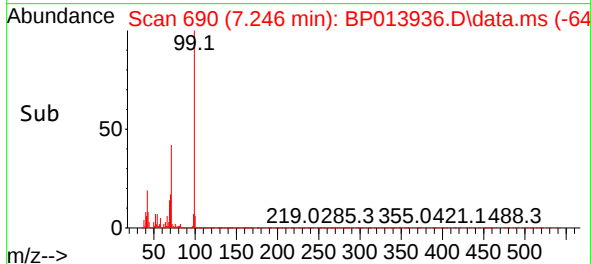
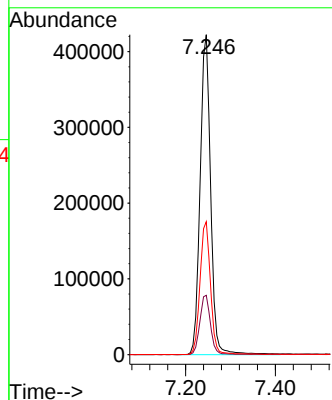
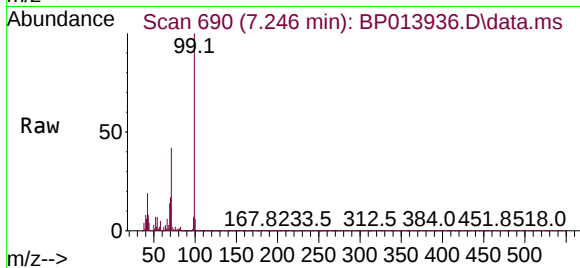




#7
Phenol-d6
Concen: 88.706 ng
RT: 7.246 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

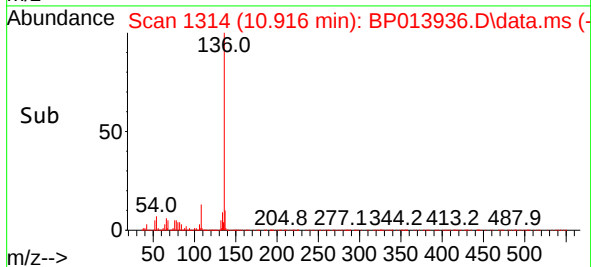
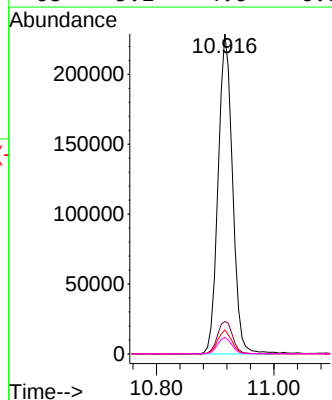
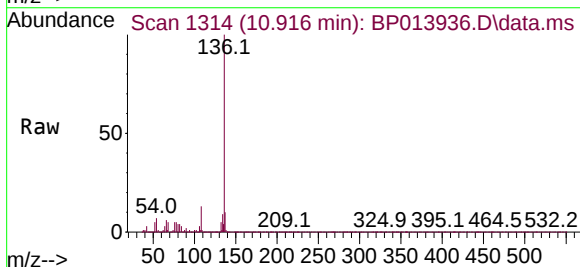
Instrument :
BNA_P
ClientSampleId :
CF-16

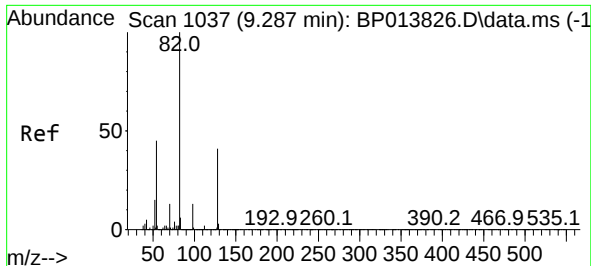
Tgt Ion: 99 Resp: 685127
Ion Ratio Lower Upper
99 100
42 18.5 12.5 18.7
71 41.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion: 136 Resp: 390052
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 7.5 5.8 8.6
68 5.1 4.6 6.8

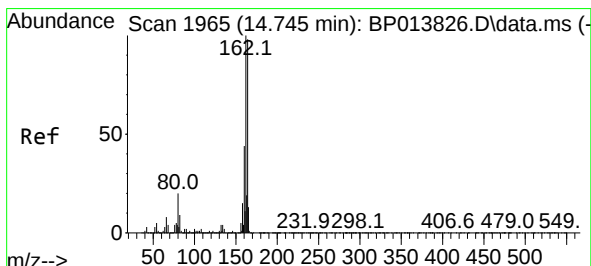
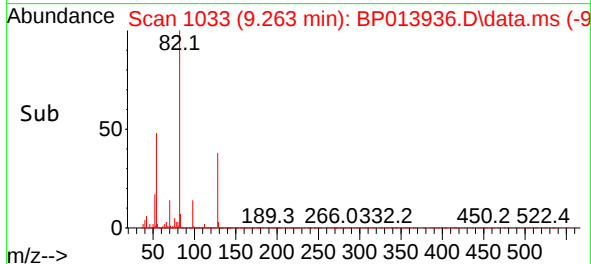
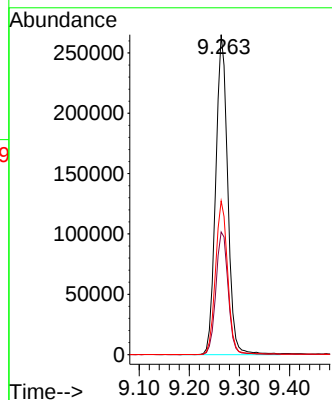
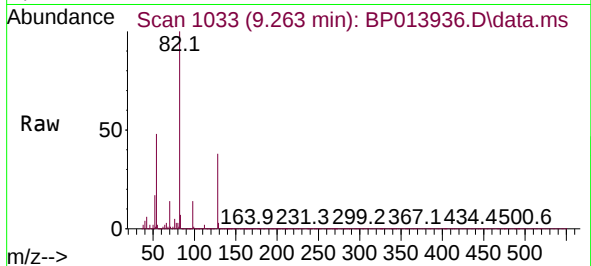




#23
Nitrobenzene-d5
Concen: 61.179 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

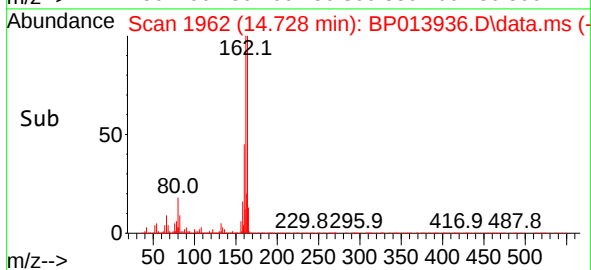
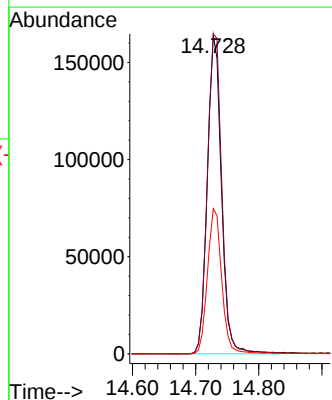
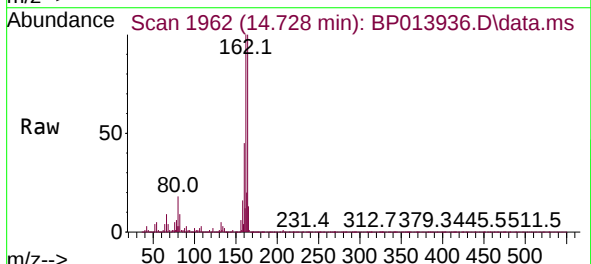
Instrument :
BNA_P
ClientSampleId :
CF-16

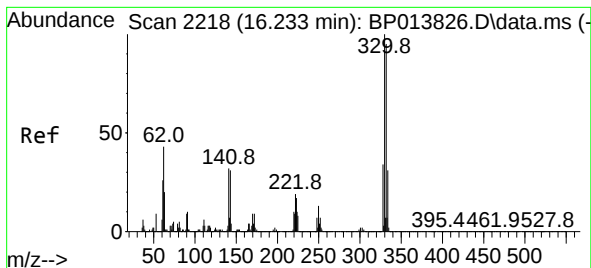
Tgt Ion: 82 Resp: 441904
Ion Ratio Lower Upper
82 100
128 38.3 32.9 49.3
54 48.0 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion: 164 Resp: 253954
Ion Ratio Lower Upper
164 100
162 100.4 81.7 122.5
160 45.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 88.253 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013936.D

Acq: 02 Mar 2023 23:04

Instrument :

BNA_P

ClientSampleId :

CF-16

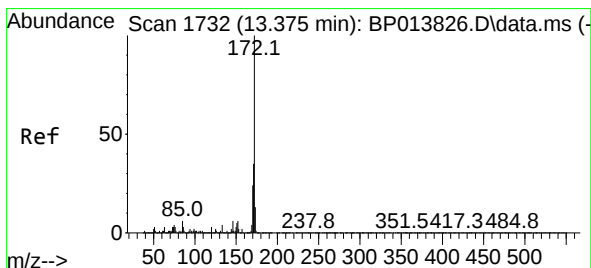
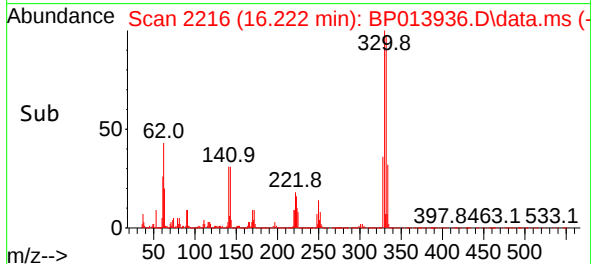
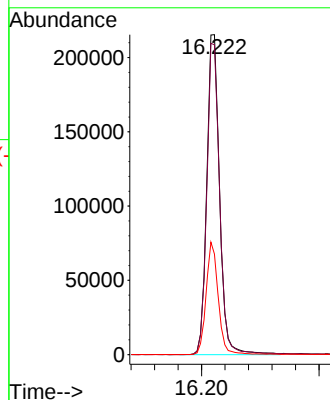
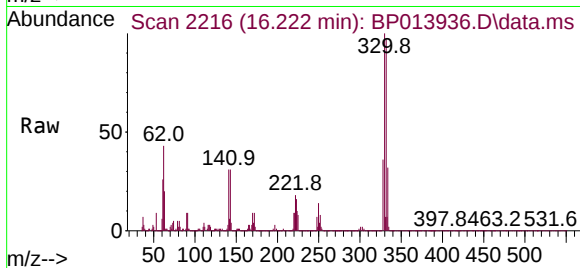
Tgt Ion:330 Resp: 326247

Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

141 33.4 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 47.163 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BP013936.D

Acq: 02 Mar 2023 23:04

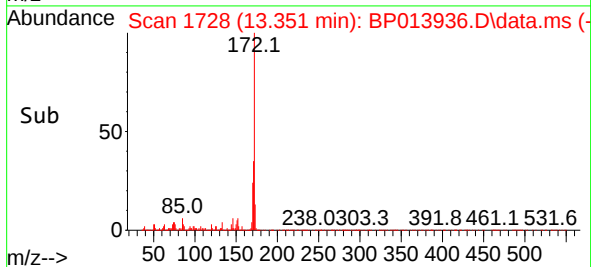
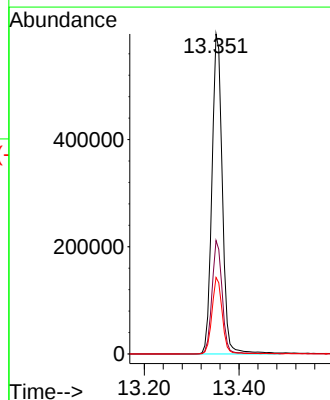
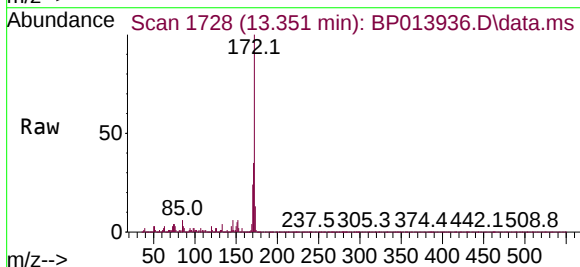
Tgt Ion:172 Resp: 911888

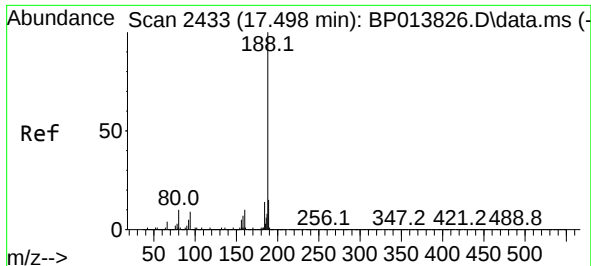
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.9 19.0 28.4

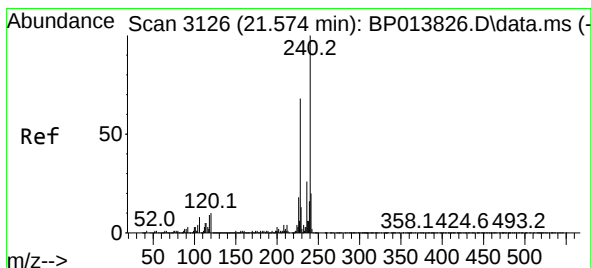
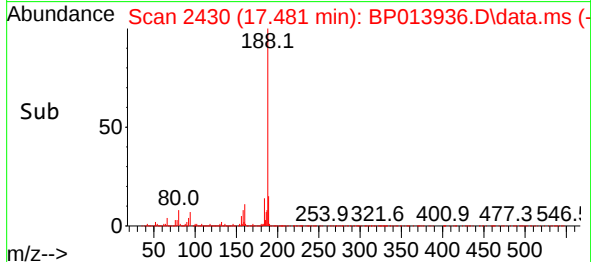
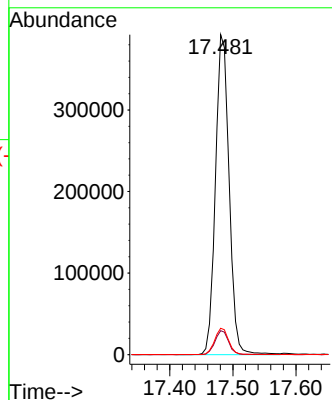
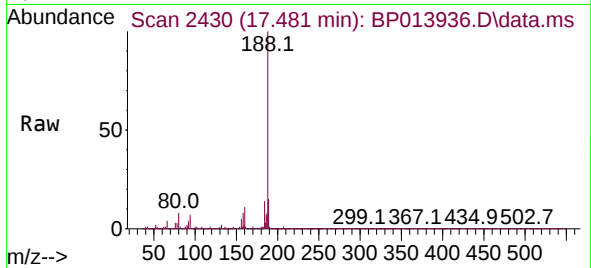




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

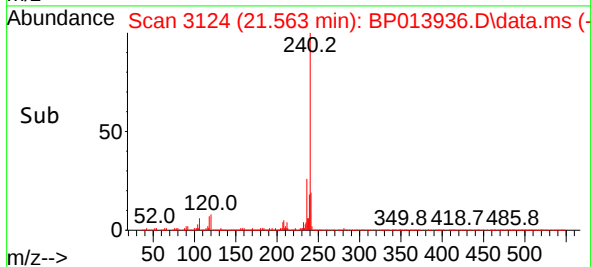
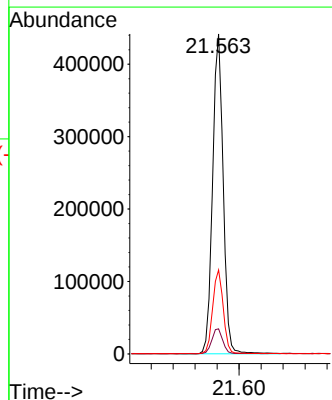
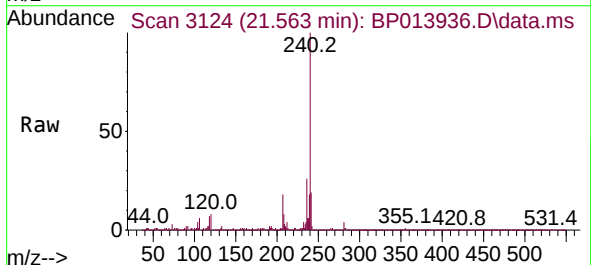
Instrument :
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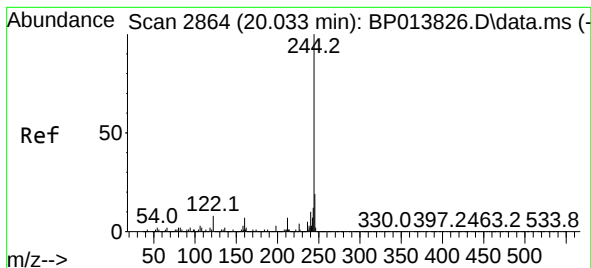
Tgt Ion:188 Resp: 590673
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.2 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BP013936.D
Acq: 02 Mar 2023 23:04

Tgt Ion:240 Resp: 588719
Ion Ratio Lower Upper
240 100
120 7.8 7.9 11.9#
236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 53.214 ng

RT: 20.016 min Scan# 2864

Delta R.T. -0.006 min

Lab File: BP013936.D

Acq: 02 Mar 2023 23:04

Instrument :

BNA_P

ClientSampleId :

CF-16

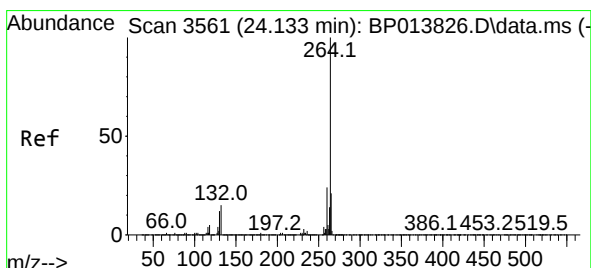
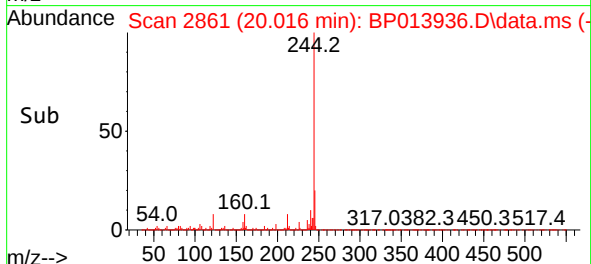
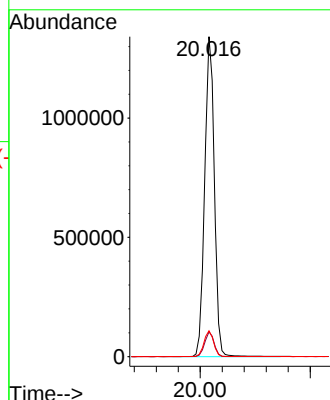
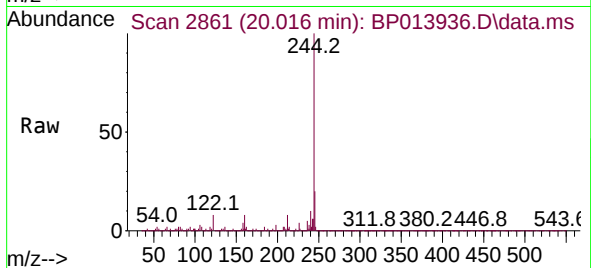
Tgt Ion:244 Resp: 1628271

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

122 8.1 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: BP013936.D

Acq: 02 Mar 2023 23:04

Tgt Ion:264 Resp: 687263

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.1 17.6 26.4

