

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030623\
 Data File : BP013960.D
 Acq On : 06 Mar 2023 17:06
 Operator : CG/JU
 Sample : PB150341BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150341BL

Quant Time: Mar 07 06:52:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 06:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	145963	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	515083	20.000	ng	0.00
39) Acenaphthene-d10	14.727	164	330302	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	707993	20.000	ng	0.00
76) Chrysene-d12	21.556	240	583423	20.000	ng	0.00
86) Perylene-d12	24.097	264	518104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1227938	136.432	ng	0.00
7) Phenol-d6	7.245	99	1539883	130.313	ng	0.00
23) Nitrobenzene-d5	9.263	82	1014317	90.005	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	720097	134.463	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	2254098	88.415	ng	0.00
79) Terphenyl-d14	20.015	244	3316070	93.723	ng	0.00

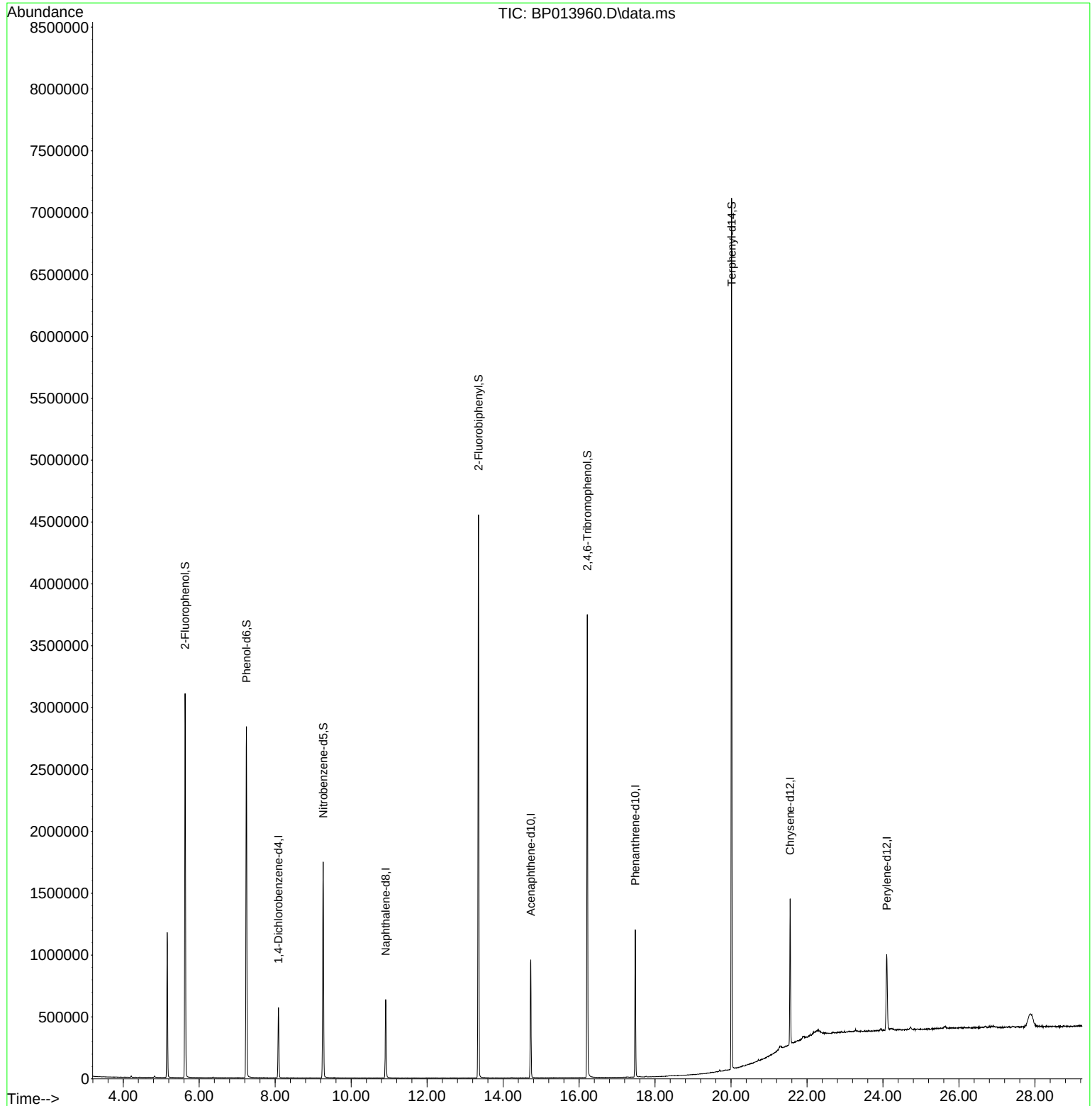
Target Compounds Qvalue

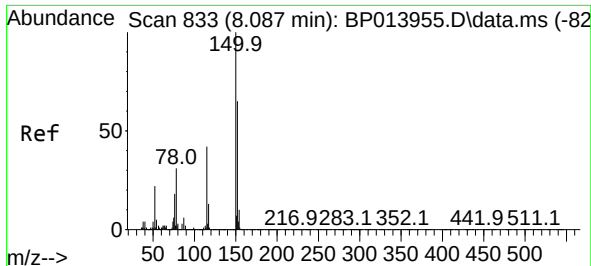
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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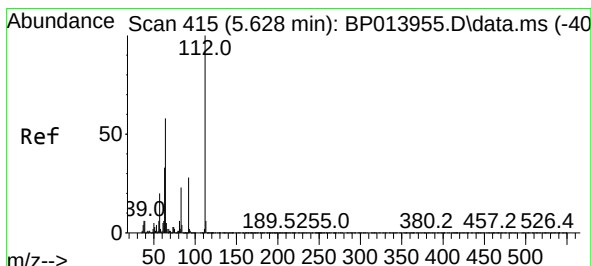
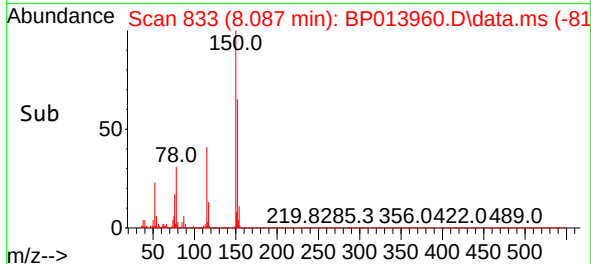
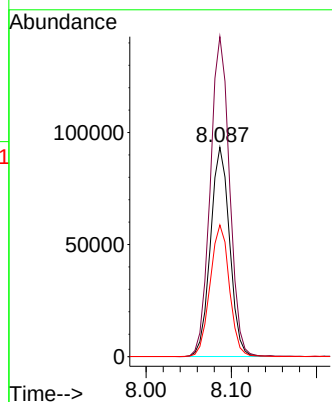
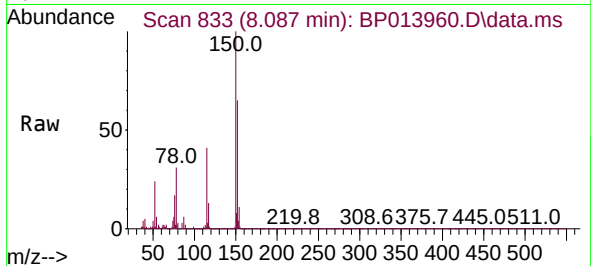




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.087 min Scan# 833
 Delta R.T. -0.000 min
 Lab File: BP013960.D
 Acq: 06 Mar 2023 17:06

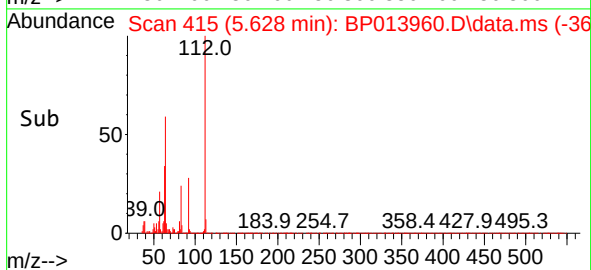
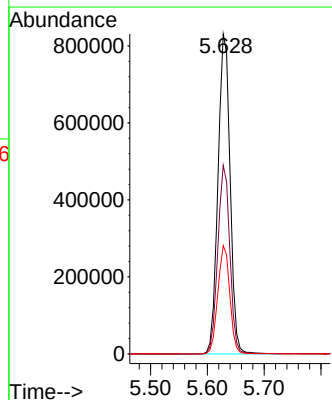
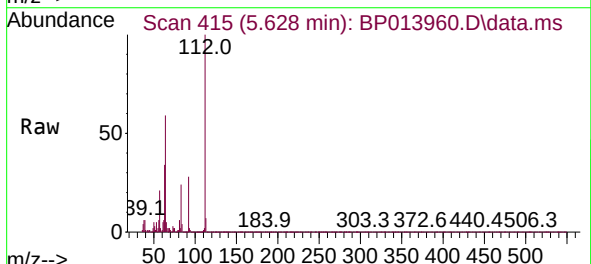
Instrument :
 BNA_P
 ClientSampleId :
 PB150341BL

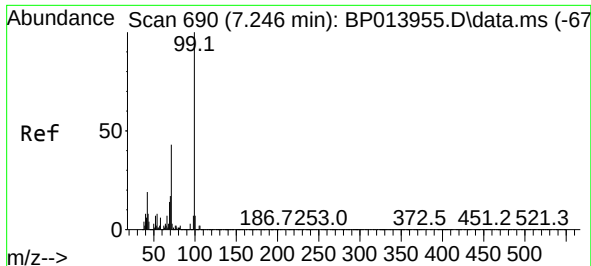
Tgt Ion:152 Resp: 145963
 Ion Ratio Lower Upper
 152 100
 150 152.9 122.3 183.5
 115 62.9 51.6 77.4



#5
 2-Fluorophenol
 Concen: 136.432 ng
 RT: 5.628 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: BP013960.D
 Acq: 06 Mar 2023 17:06

Tgt Ion:112 Resp: 1227938
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.7 70.1
 63 33.8 26.6 40.0



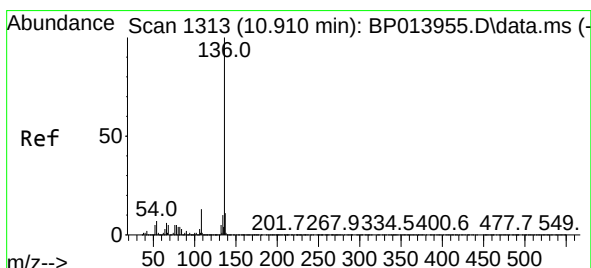
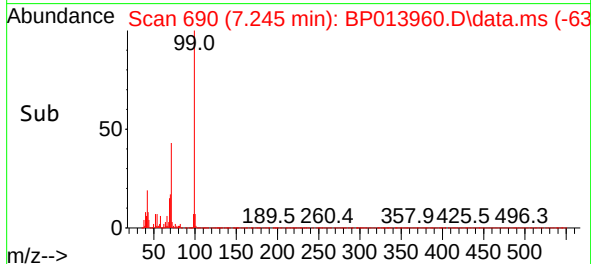
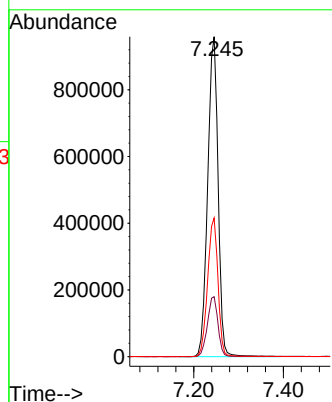
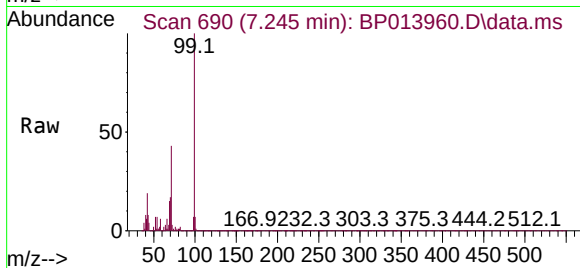


#7
Phenol-d6
Concen: 130.313 ng
RT: 7.245 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP013960.D
Acq: 06 Mar 2023 17:06

Instrument :
BNA_P
ClientSampleId :
PB150341BL

Tgt Ion: 99 Resp: 1539883

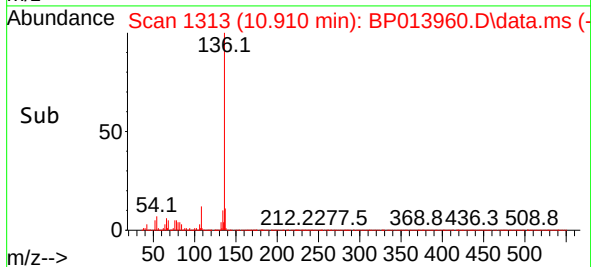
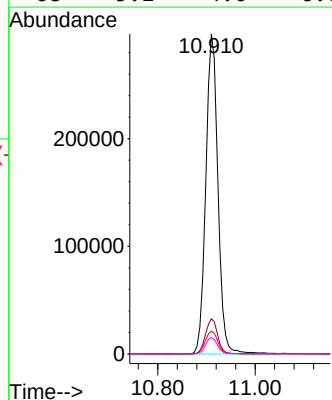
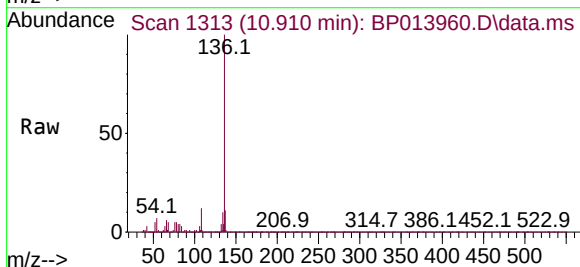
Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	43.3	34.3	51.5

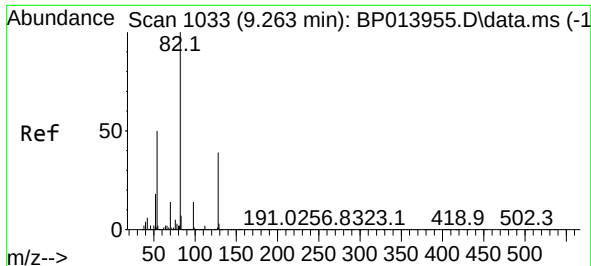


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BP013960.D
Acq: 06 Mar 2023 17:06

Tgt Ion:136 Resp: 515083

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	5.8	8.8
68	5.1	4.0	6.0

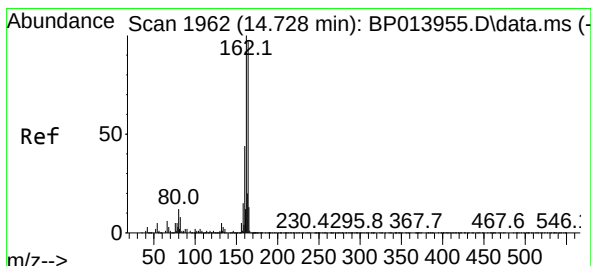
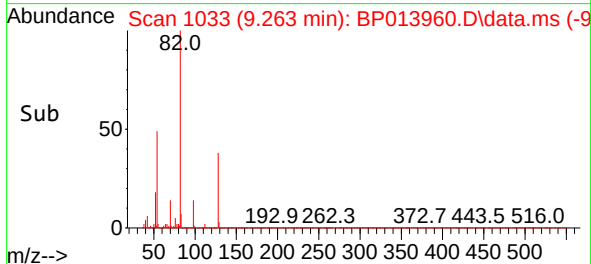
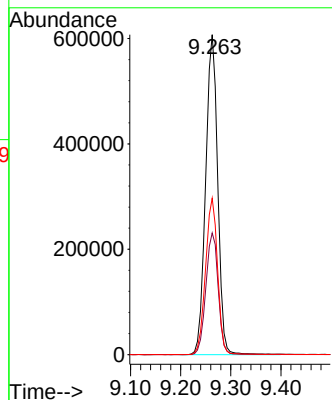
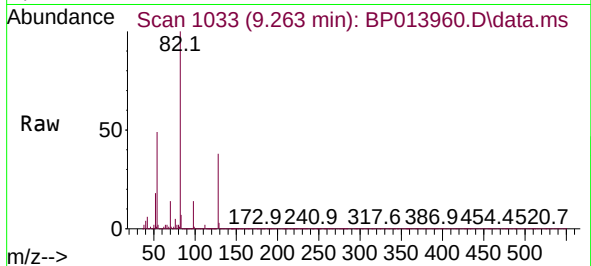




#23
Nitrobenzene-d5
Concen: 90.005 ng
RT: 9.263 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BP013960.D
Acq: 06 Mar 2023 17:06

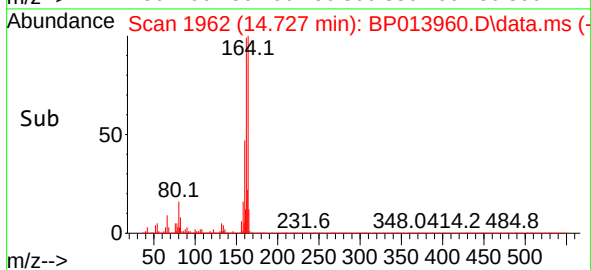
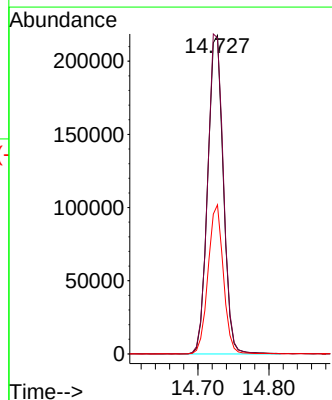
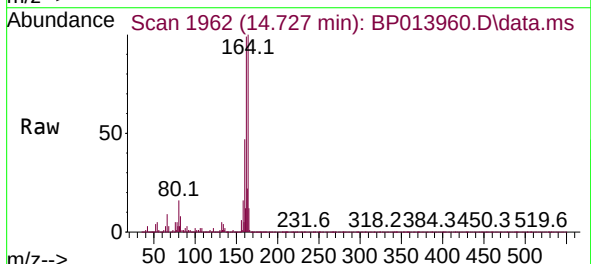
Instrument :
BNA_P
ClientSampleId :
PB150341BL

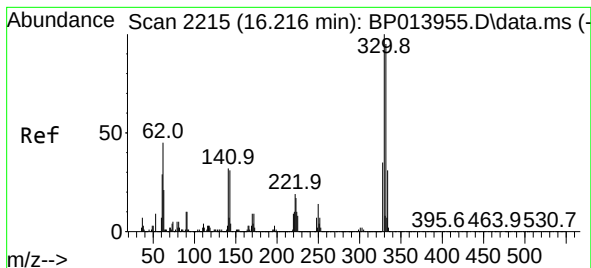
Tgt Ion: 82 Resp: 1014317
Ion Ratio Lower Upper
82 100
128 38.0 31.1 46.7
54 48.9 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP013960.D
Acq: 06 Mar 2023 17:06

Tgt Ion: 164 Resp: 330302
Ion Ratio Lower Upper
164 100
162 99.2 82.1 123.1
160 46.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 134.463 ng

RT: 16.216 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

Instrument :

BNA_P

ClientSampleId :

PB150341BL

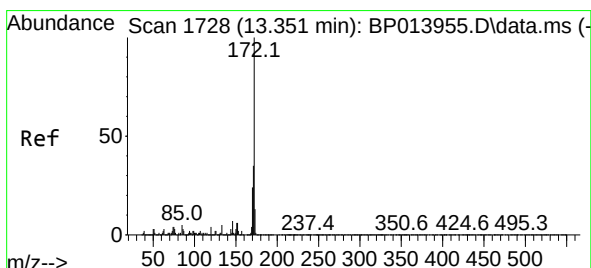
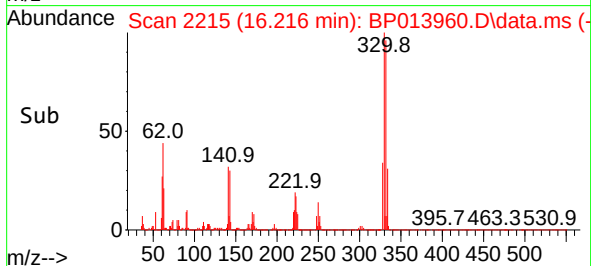
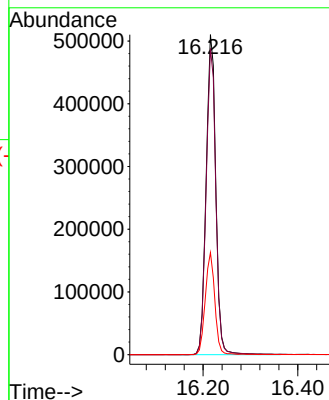
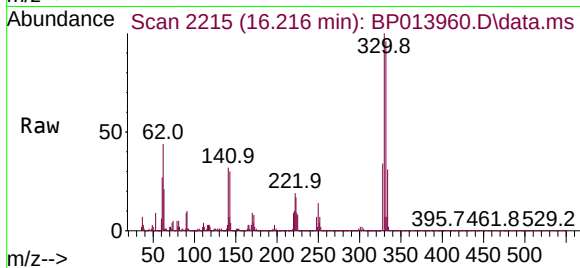
Tgt Ion:330 Resp: 720097

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 31.5 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 88.415 ng

RT: 13.351 min Scan# 1728

Delta R.T. -0.000 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

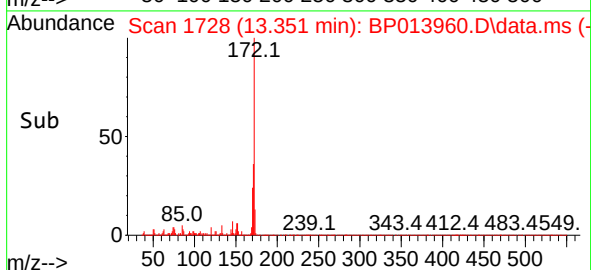
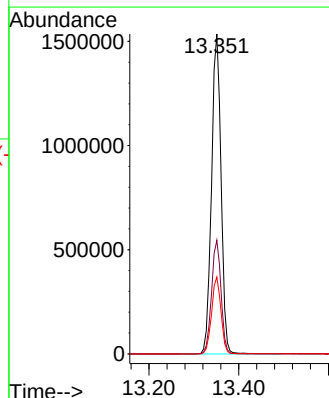
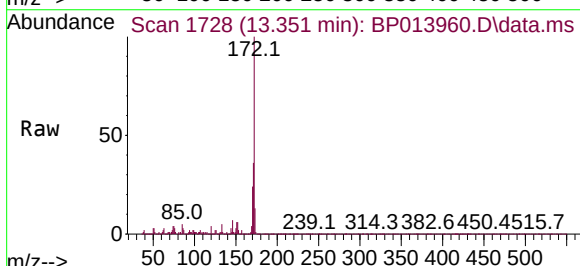
Tgt Ion:172 Resp: 2254098

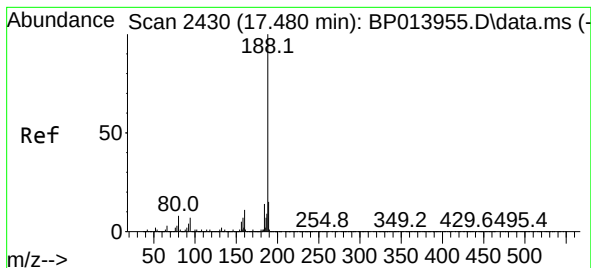
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.480 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

Instrument :

BNA_P

ClientSampleId :

PB150341BL

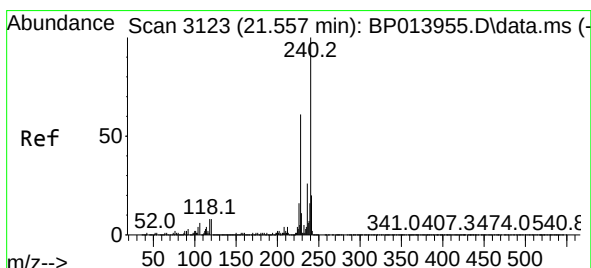
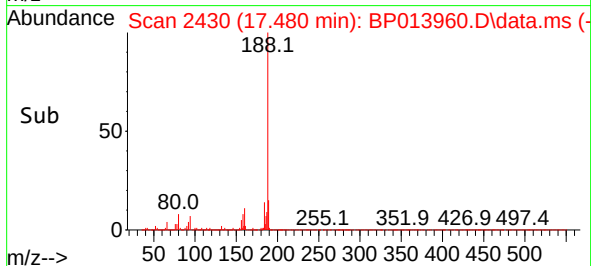
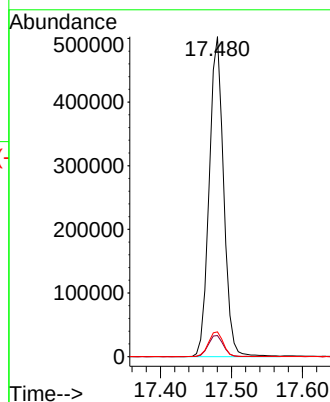
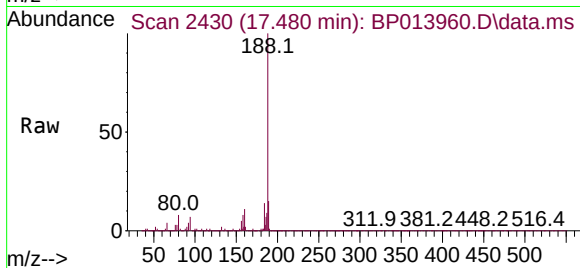
Tgt Ion:188 Resp: 707993

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.6

80 7.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.001 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

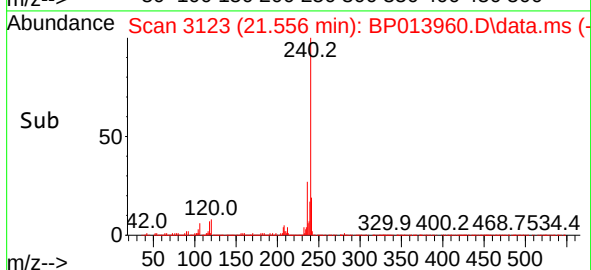
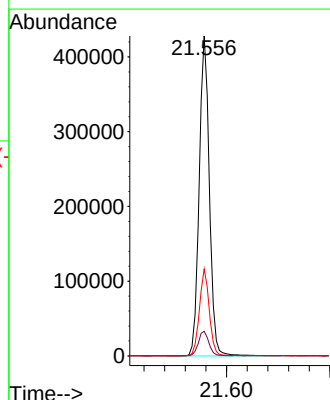
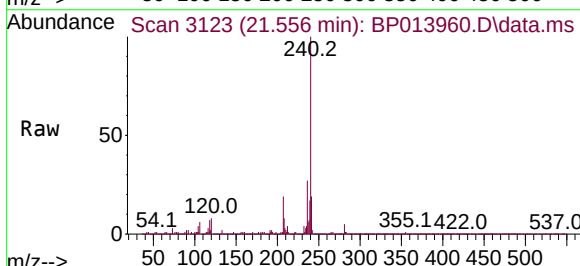
Tgt Ion:240 Resp: 583423

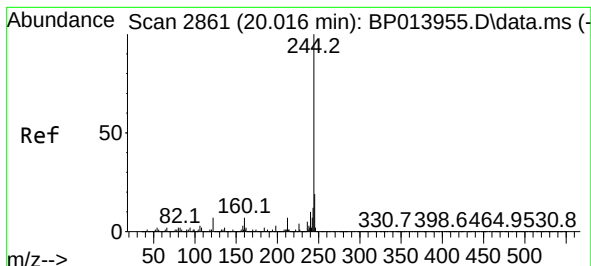
Ion Ratio Lower Upper

240 100

120 7.7 6.4 9.6

236 27.2 21.2 31.8





#79

Terphenyl-d14

Concen: 93.723 ng

RT: 20.015 min Scan# 2861

Delta R.T. -0.000 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

Instrument :

BNA_P

ClientSampleId :

PB150341BL

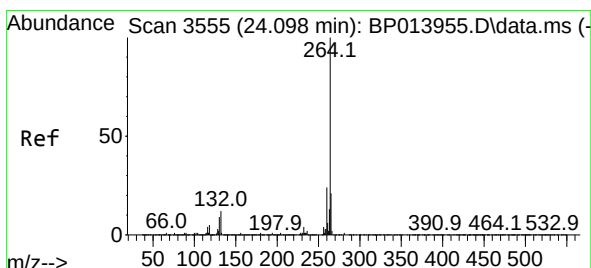
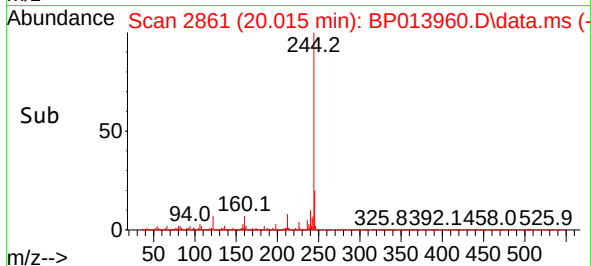
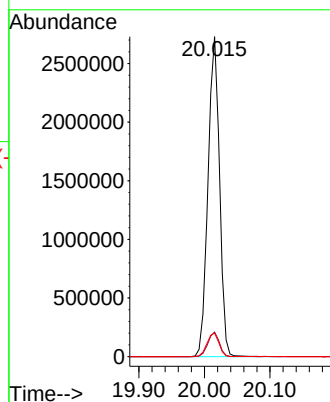
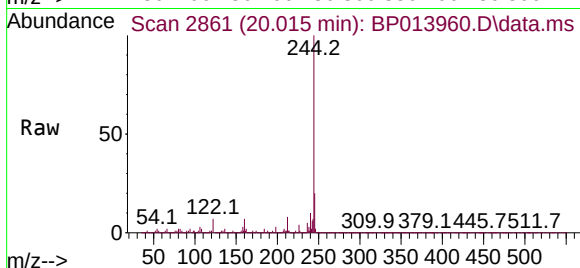
Tgt Ion:244 Resp: 3316070

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 7.4 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.097 min Scan# 3555

Delta R.T. -0.000 min

Lab File: BP013960.D

Acq: 06 Mar 2023 17:06

Tgt Ion:264 Resp: 518104

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.8 17.8 26.8

