

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013443.D
 Acq On : 11 Jan 2023 14:46
 Operator : CG/JU
 Sample : 01089-05 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-3-010923

Quant Time: Jan 11 15:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 03:29:24 2022
 Response via : Initial Calibration

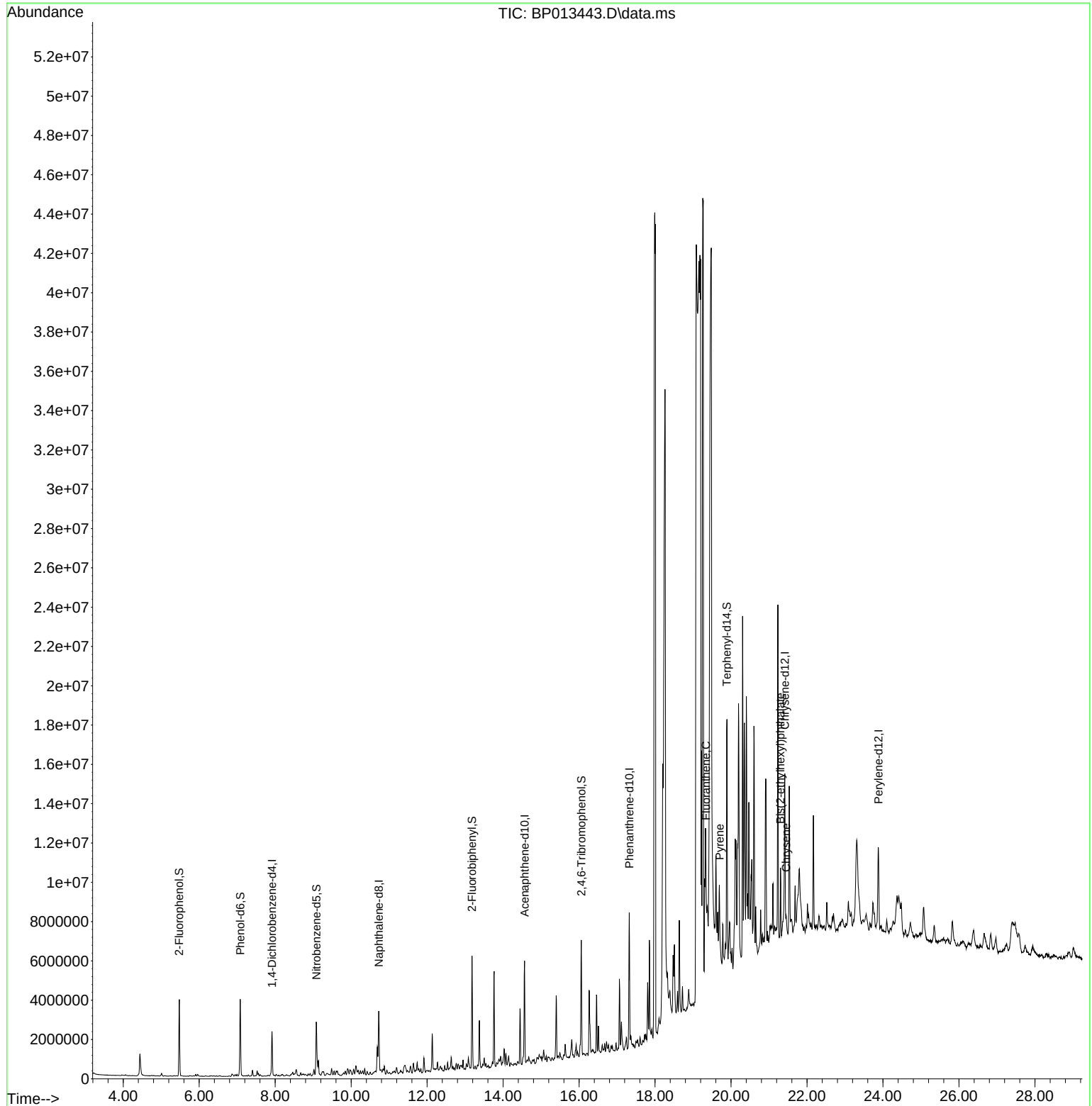
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	600654	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	2523328	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1712151	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	4046848	20.000	ng	0.01
76) Chrysene-d12	21.415	240	3545183	20.000	ng	0.02
86) Perylene-d12	23.880	264	3511170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1642265	49.956	ng	0.01
7) Phenol-d6	7.081	99	2116995	49.311	ng	0.00
23) Nitrobenzene-d5	9.087	82	1177299	25.578	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1165788	56.473	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	2940434	23.318	ng	0.00
79) Terphenyl-d14	19.886	244	5542776	30.845	ng	0.03
Target Compounds						
75) Fluoranthene	19.339	202	695149	2.805	ng	89
78) Pyrene	19.698	202	695375	2.730	ng	# 95
83) Chrysene	21.451	228	531142	2.247	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.304	149	1111101	11.115	ng	99

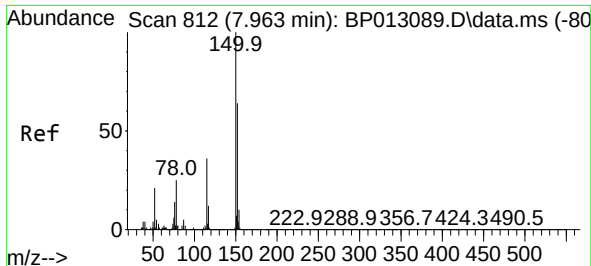
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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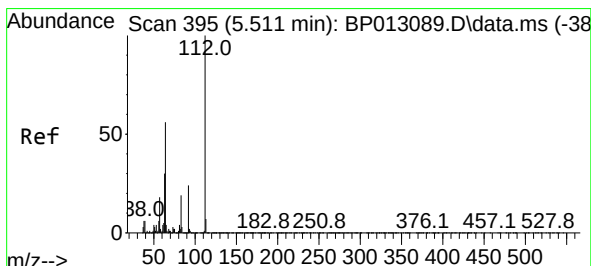
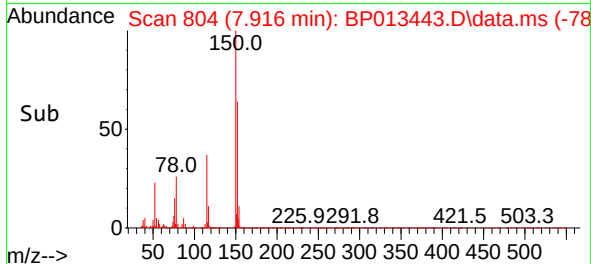
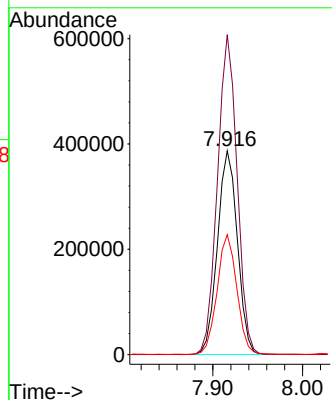
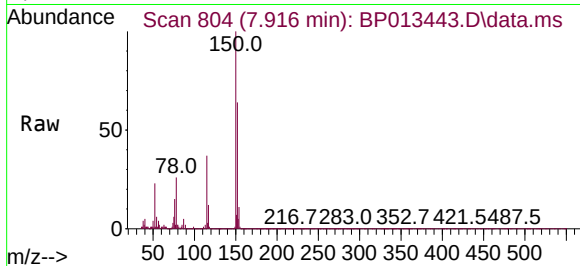




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.916 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BP013443.D
 Acq: 11 Jan 2023 14:46

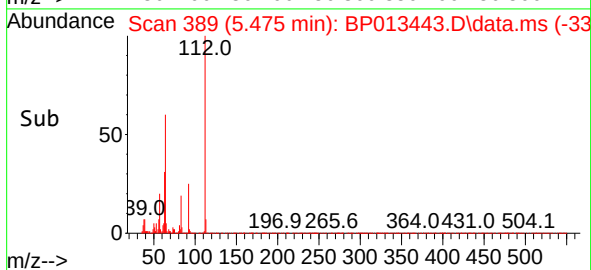
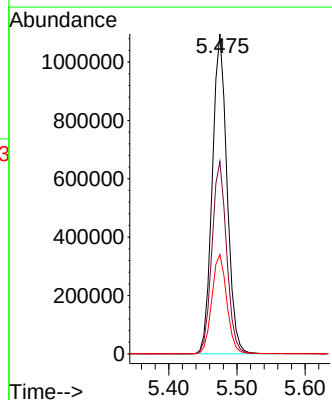
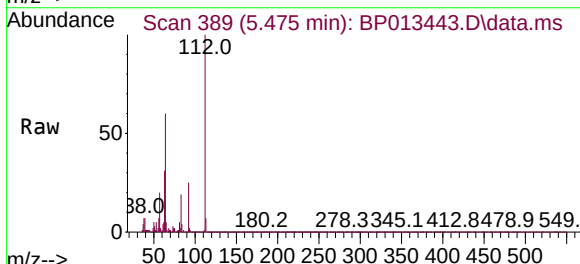
Instrument :
 BNA_P
 ClientSampleId :
 PL-3-010923

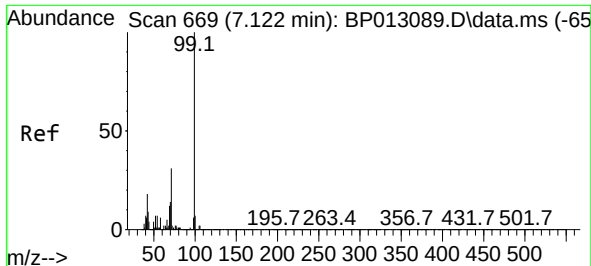
Tgt Ion:152 Resp: 600654
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.3 187.9
 115 58.9 45.6 68.4



#5
 2-Fluorophenol
 Concen: 49.956 ng
 RT: 5.475 min Scan# 389
 Delta R.T. 0.014 min
 Lab File: BP013443.D
 Acq: 11 Jan 2023 14:46

Tgt Ion:112 Resp: 1642265
 Ion Ratio Lower Upper
 112 100
 64 60.1 45.1 67.7
 63 31.0 23.8 35.6

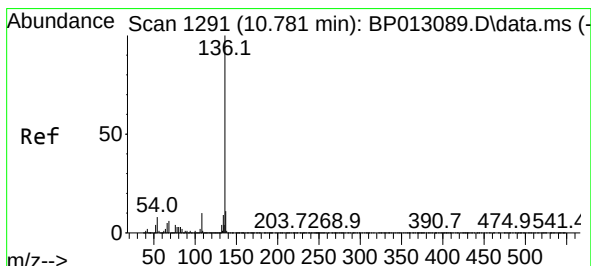
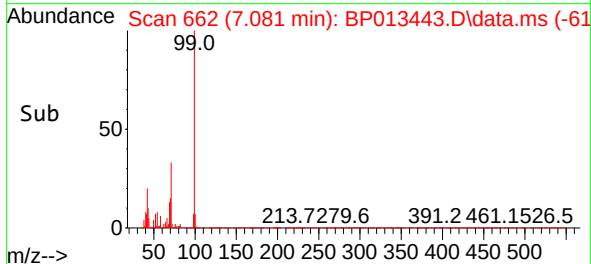
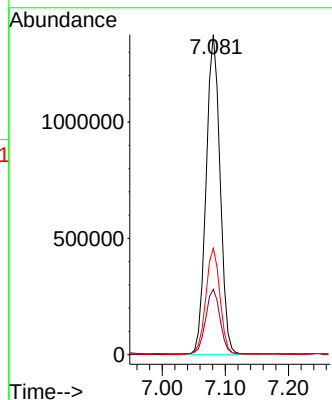
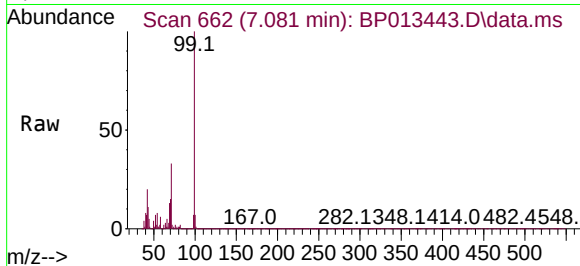




#7
Phenol-d6
Concen: 49.311 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.009 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

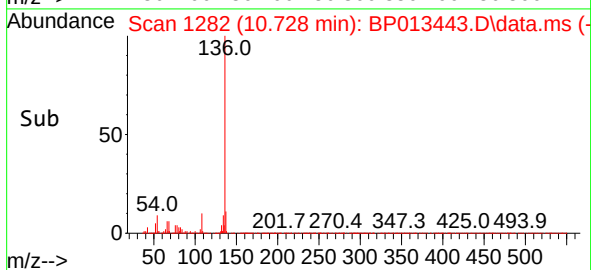
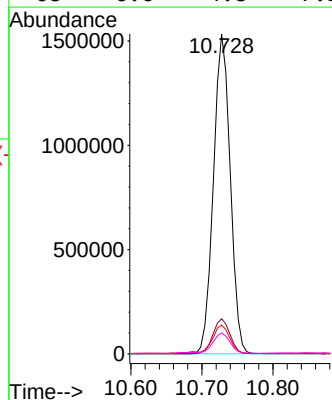
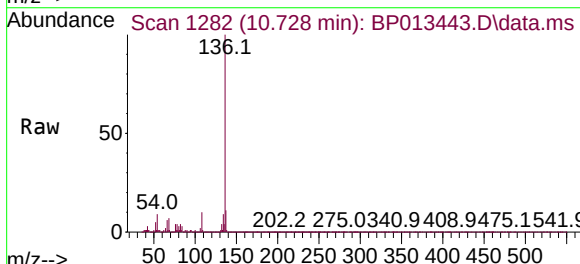
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

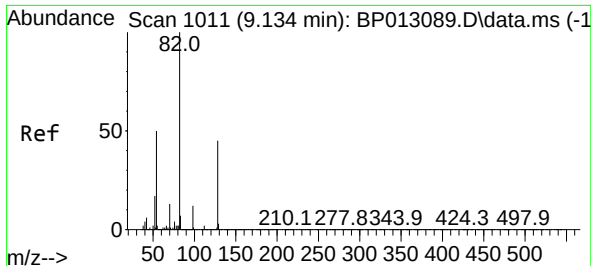
Tgt Ion: 99 Resp: 2116995
Ion Ratio Lower Upper
99 100
42 20.4 14.2 21.4
71 33.3 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion: 136 Resp: 2523328
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.0 6.2 9.4
68 6.6 4.8 7.2

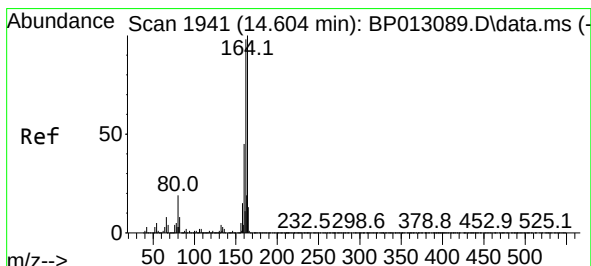
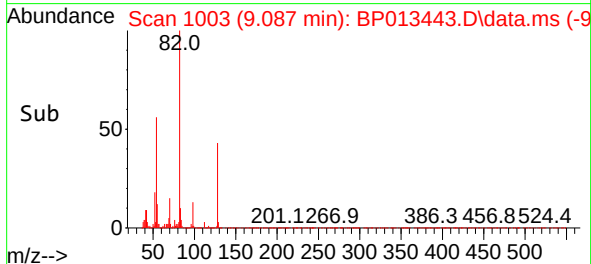
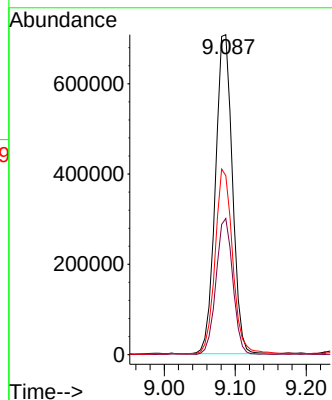
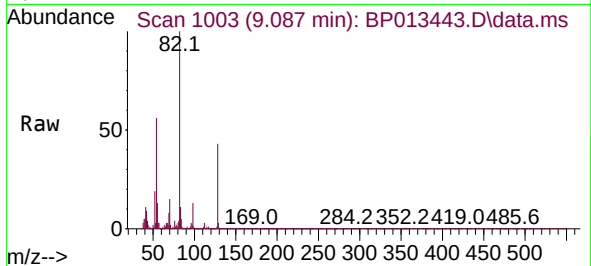




#23
Nitrobenzene-d5
Concen: 25.578 ng
RT: 9.087 min Scan# 1011
Delta R.T. 0.003 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

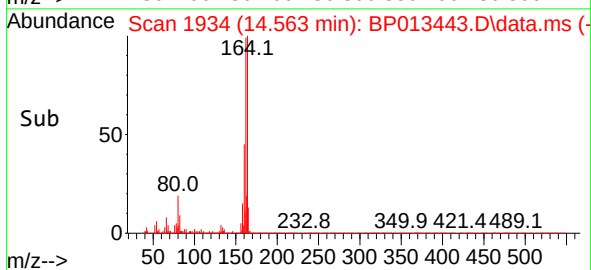
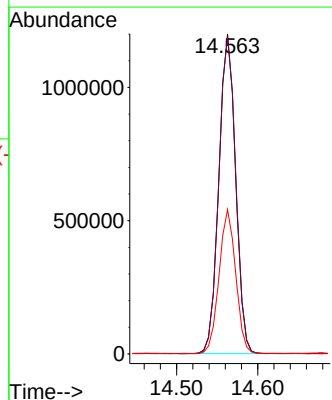
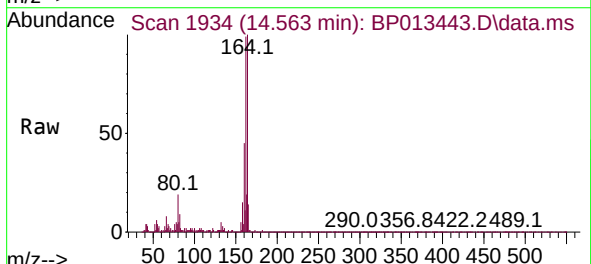
Instrument :
BNA_P
ClientSampleId :
PL-3-010923

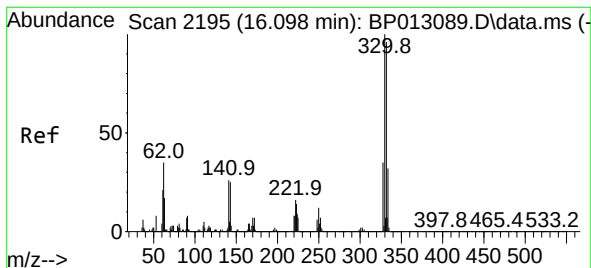
Tgt Ion: 82 Resp: 1177299
Ion Ratio Lower Upper
82 100
128 42.5 35.9 53.9
54 55.9 40.4 60.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. 0.009 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:164 Resp: 1712151
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 45.1 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 56.473 ng

RT: 16.057 min Scan# 21

Delta R.T. 0.009 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

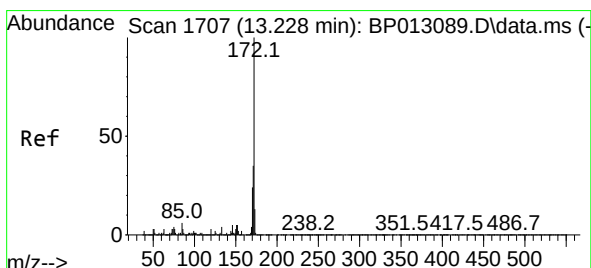
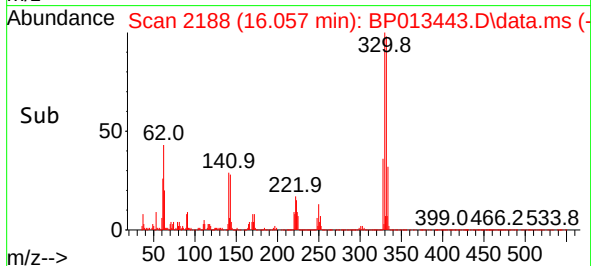
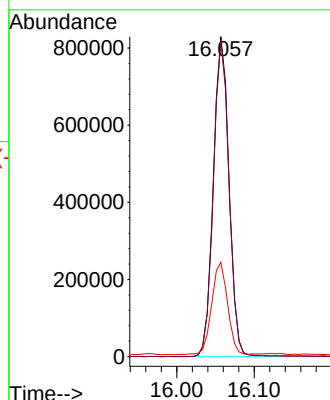
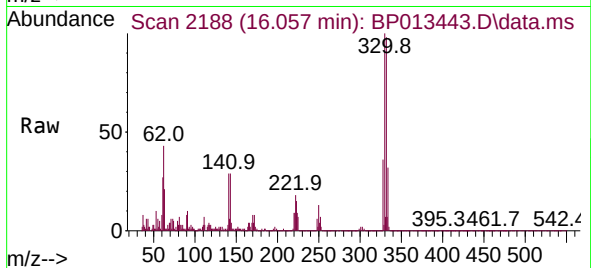
Tgt Ion:330 Resp: 1165788

Ion Ratio Lower Upper

330 100

332 98.6 77.5 116.3

141 29.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 23.318 ng

RT: 13.181 min Scan# 1699

Delta R.T. 0.002 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

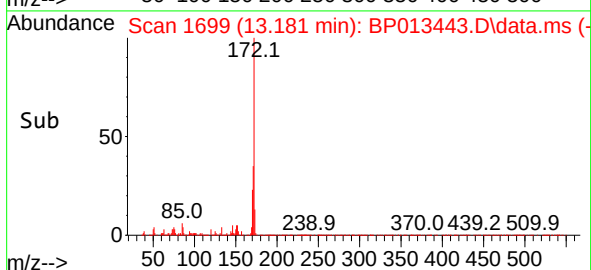
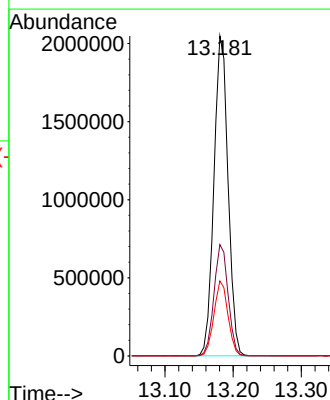
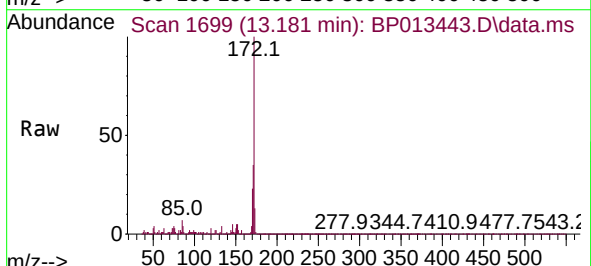
Tgt Ion:172 Resp: 2940434

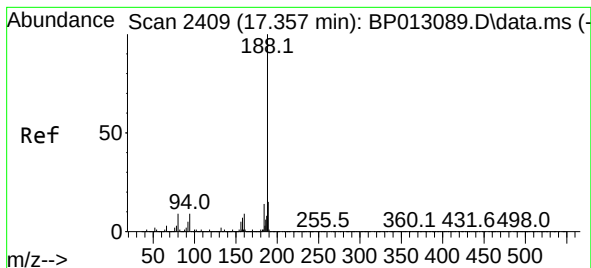
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. 0.014 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

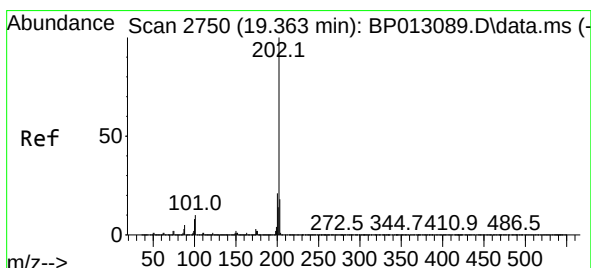
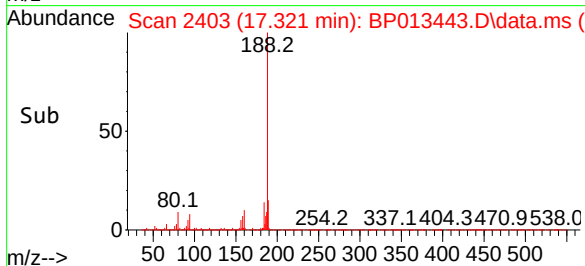
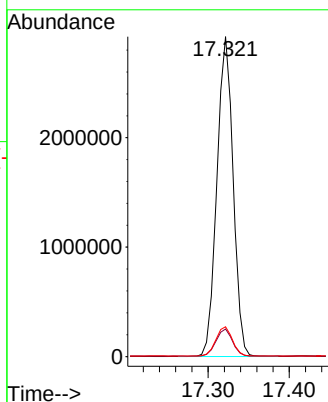
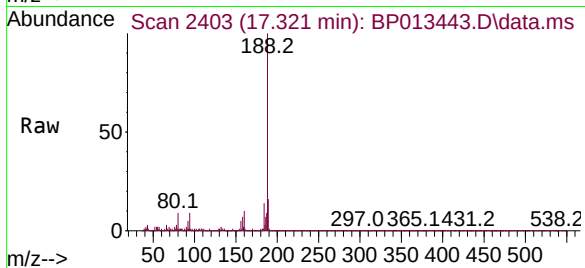
Tgt Ion:188 Resp: 4046848

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

80 9.3 7.5 11.3



#75

Fluoranthene

Concen: 2.805 ng

RT: 19.339 min Scan# 2746

Delta R.T. 0.026 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

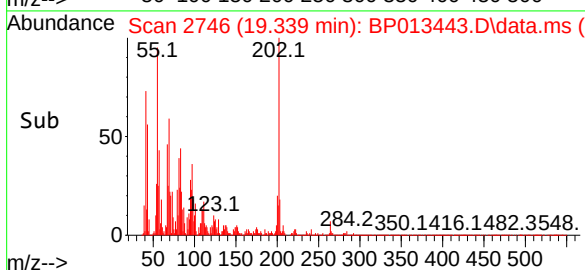
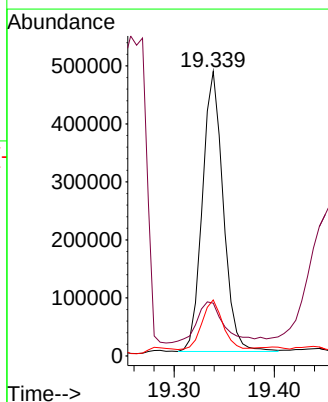
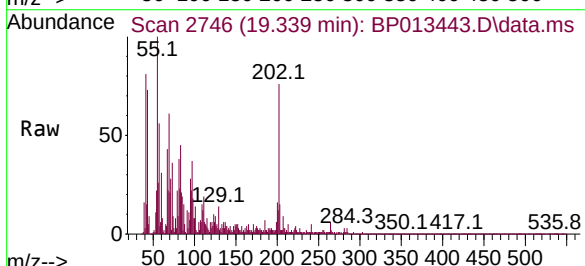
Tgt Ion:202 Resp: 695149

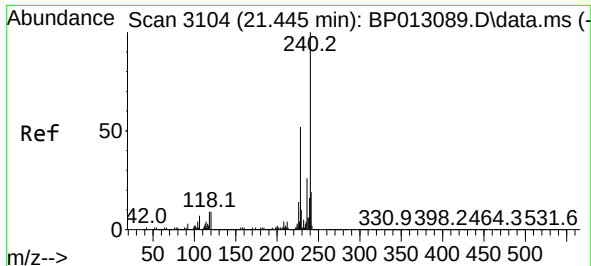
Ion Ratio Lower Upper

202 100

101 18.5 0.0 30.0

203 19.7 0.0 37.6

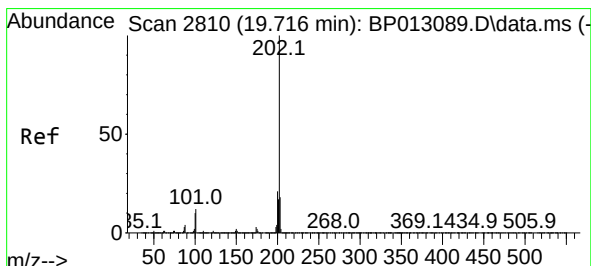
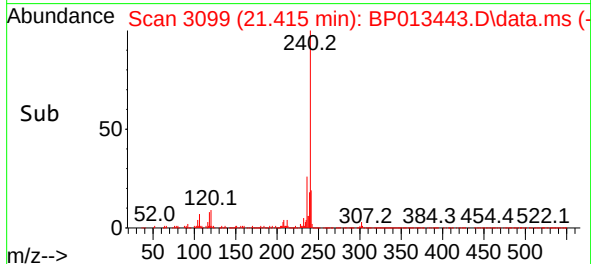
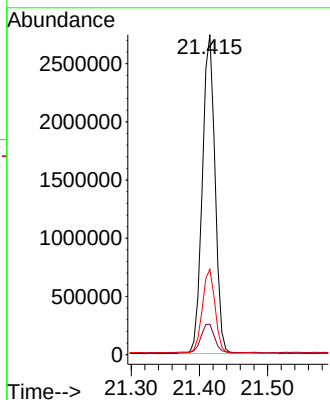
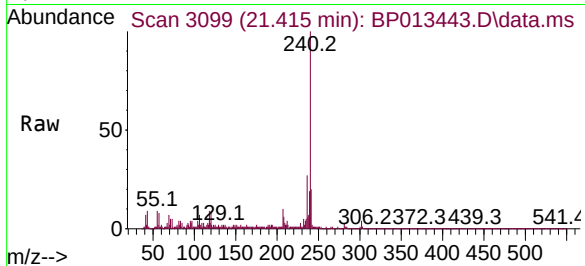




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 30
Delta R.T. 0.020 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

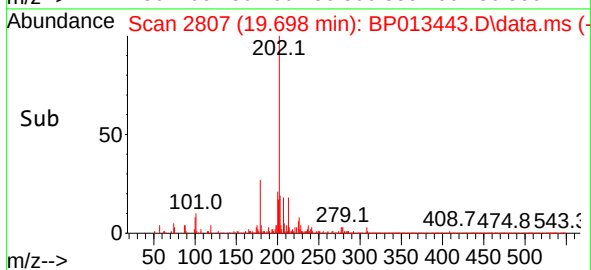
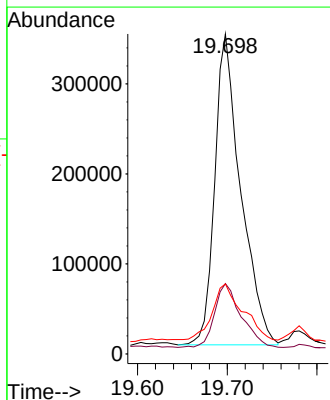
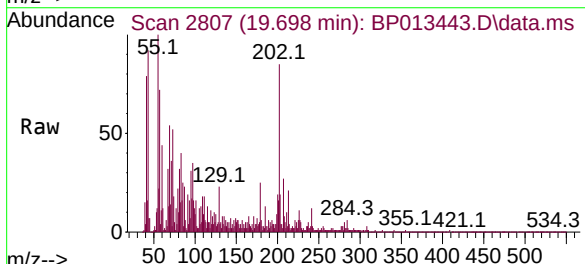
Instrument :
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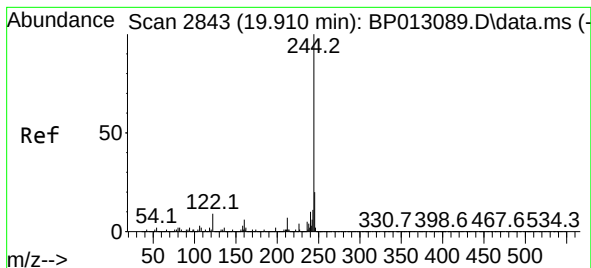
Tgt Ion:240 Resp: 3545183
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.7 21.0 31.4



#78
Pyrene
Concen: 2.730 ng
RT: 19.698 min Scan# 2807
Delta R.T. 0.032 min
Lab File: BP013443.D
Acq: 11 Jan 2023 14:46

Tgt Ion:202 Resp: 695375
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.4
203 21.9 14.2 21.2#





#79

Terphenyl-d14

Concen: 30.845 ng

RT: 19.886 min Scan# 2843

Delta R.T. 0.026 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

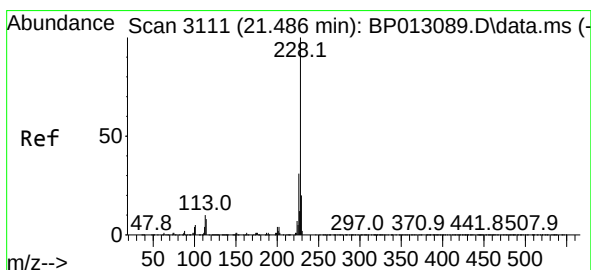
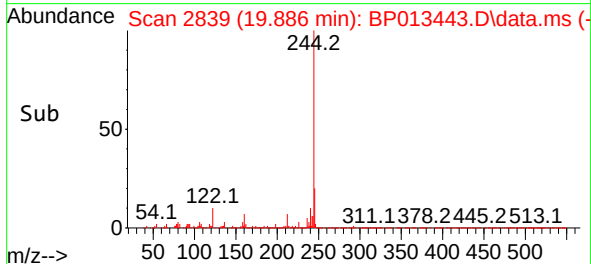
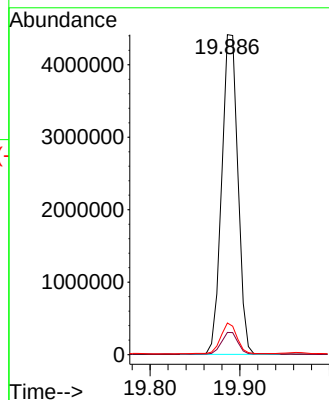
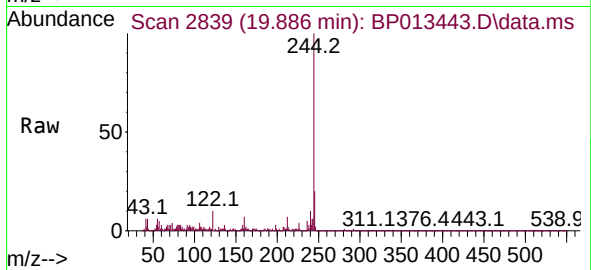
Tgt Ion:244 Resp: 5542776

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.9 7.2 10.8



#83

Chrysene

Concen: 2.247 ng

RT: 21.451 min Scan# 3105

Delta R.T. 0.014 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

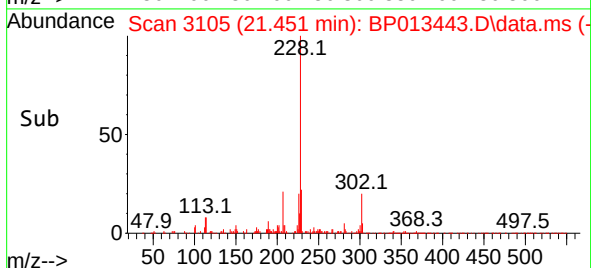
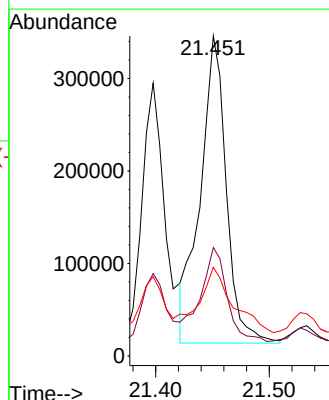
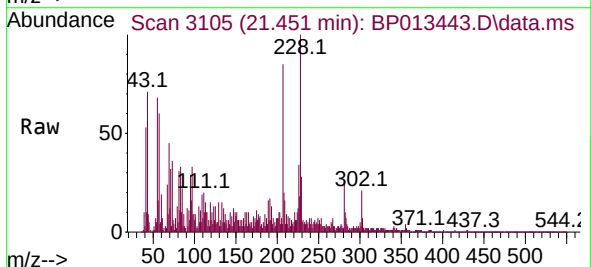
Tgt Ion:228 Resp: 531142

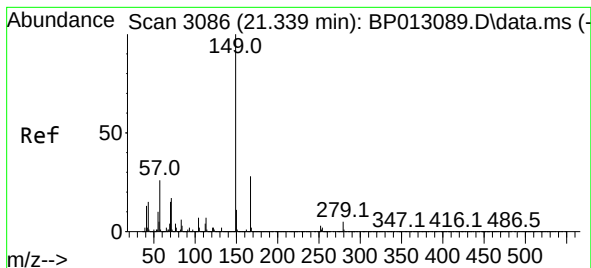
Ion Ratio Lower Upper

228 100

226 33.8 24.3 36.5

229 27.7 16.0 24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.115 ng

RT: 21.304 min Scan# 3086

Delta R.T. 0.015 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Instrument :

BNA_P

ClientSampleId :

PL-3-010923

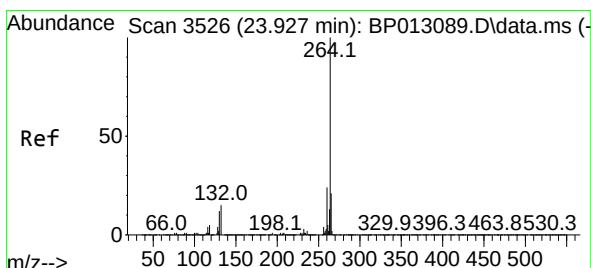
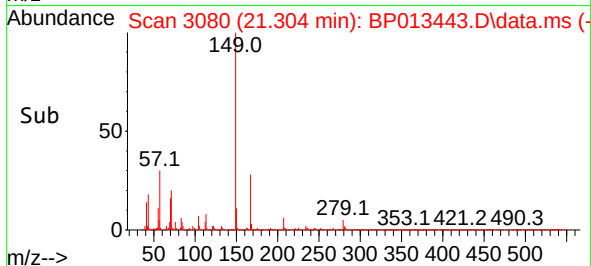
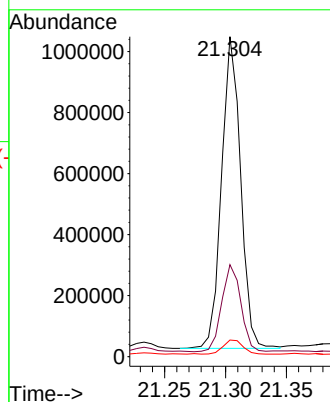
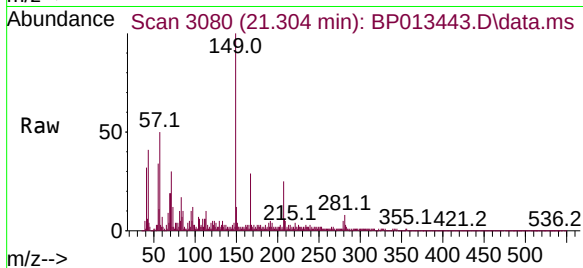
Tgt Ion:149 Resp: 1111101

Ion Ratio Lower Upper

149 100

167 28.7 22.6 34.0

279 5.2 3.8 5.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.880 min Scan# 3518

Delta R.T. 0.003 min

Lab File: BP013443.D

Acq: 11 Jan 2023 14:46

Tgt Ion:264 Resp: 3511170

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 23.3 17.7 26.5

