

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013457.D
 Acq On : 11 Jan 2023 22:45
 Operator : CG/JU
 Sample : 01064-07 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-14-02

Quant Time: Jan 12 02:22:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 02:16:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	460253	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	2099009	20.000	ng	# 0.01
39) Acenaphthene-d10	14.569	164	1525961	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	4030152	20.000	ng	0.01
76) Chrysene-d12	21.416	240	3541319	20.000	ng	0.00
86) Perylene-d12	23.886	264	2670522	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	208868	8.292	ng	0.01
7) Phenol-d6	7.093	99	337678	10.265	ng	0.02
23) Nitrobenzene-d5	9.093	82	238466	6.228	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	192849	10.482	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	565023	5.028	ng	0.01
79) Terphenyl-d14	19.880	244	1273164	7.093	ng	0.00

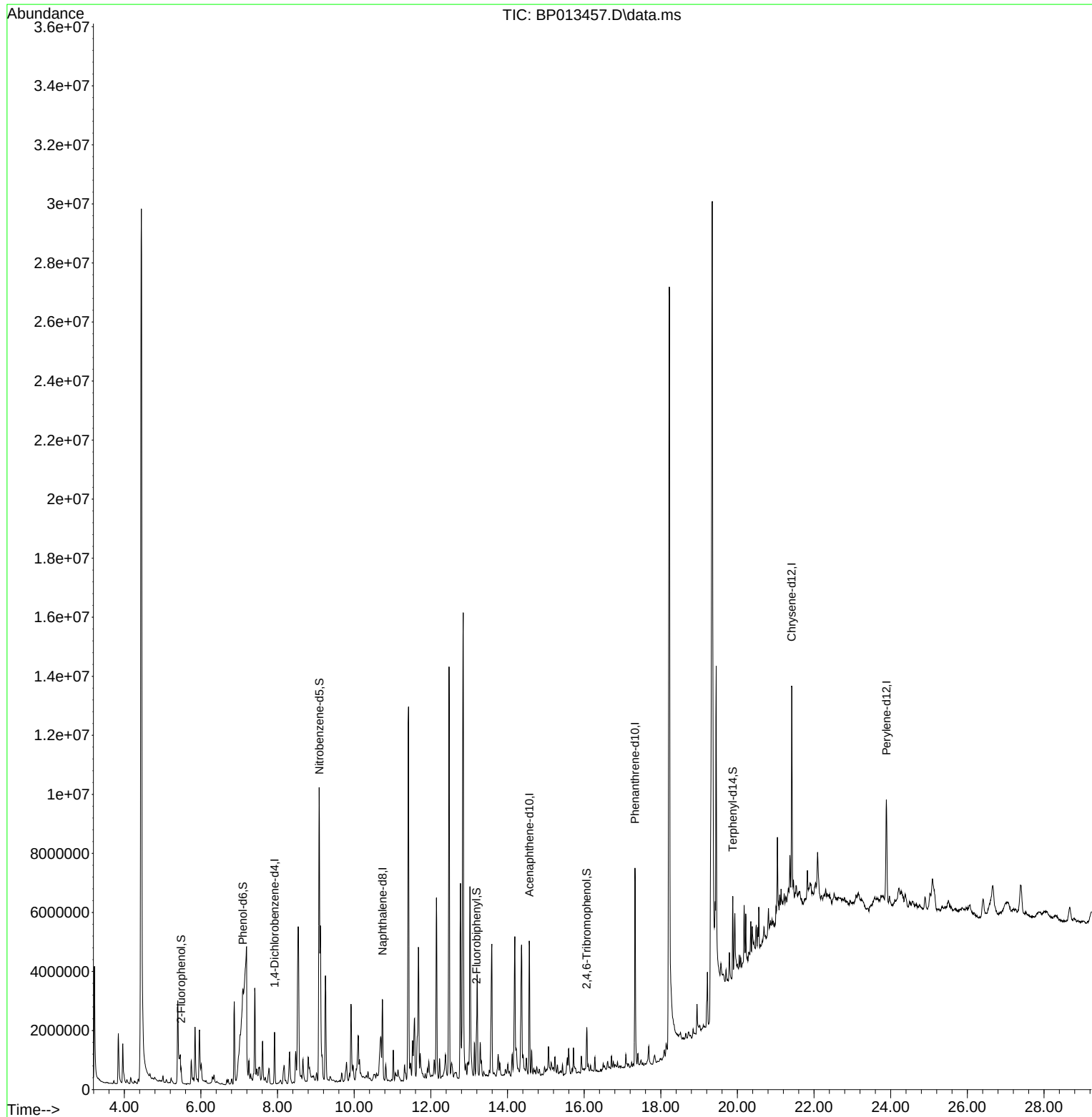
Target Compounds	Qvalue

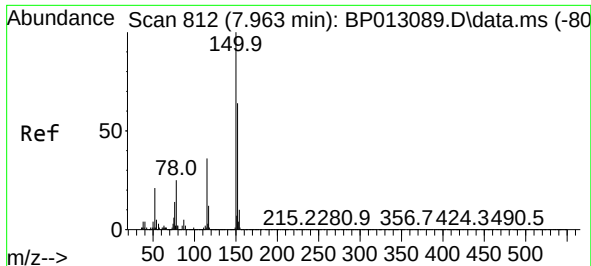
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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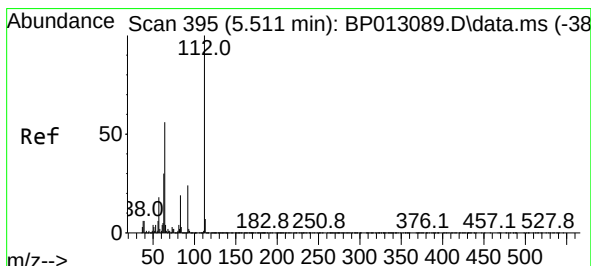
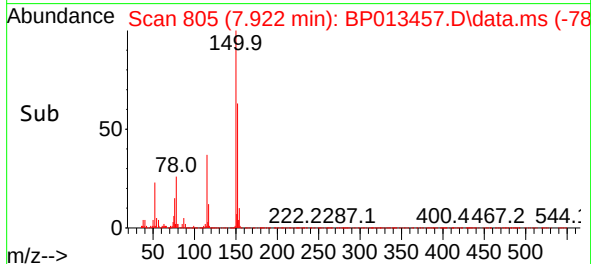
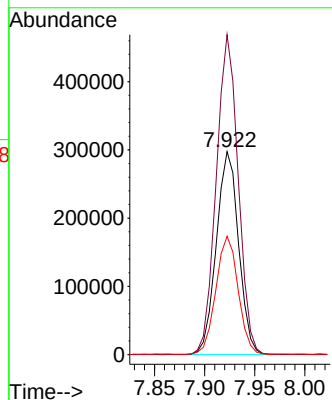
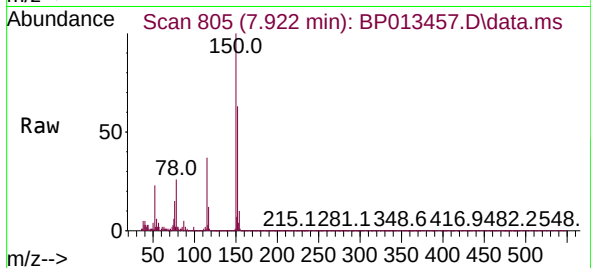




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

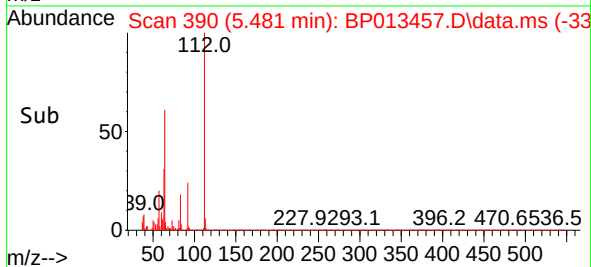
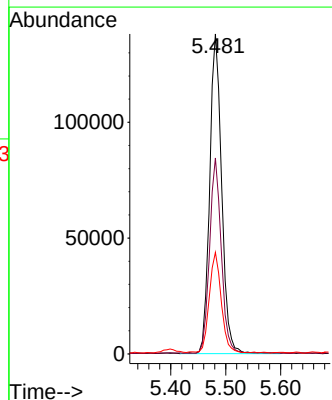
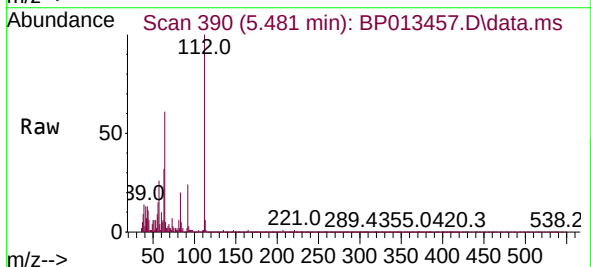
Instrument :
BNA_P
ClientSampleId :
S-14-02

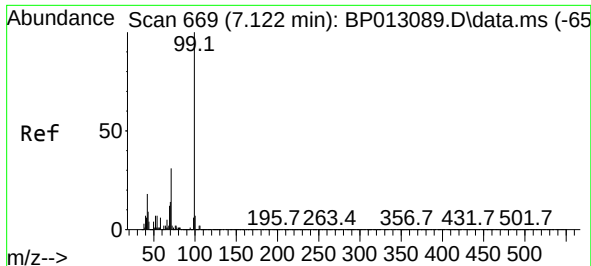
Tgt Ion:152 Resp: 460253
Ion Ratio Lower Upper
152 100
150 157.7 125.3 187.9
115 58.3 45.6 68.4



#5
2-Fluorophenol
Concen: 8.292 ng
RT: 5.481 min Scan# 390
Delta R.T. 0.012 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

Tgt Ion:112 Resp: 208868
Ion Ratio Lower Upper
112 100
64 61.2 45.1 67.7
63 31.7 23.8 35.6

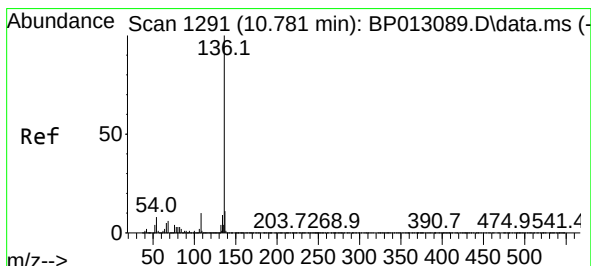
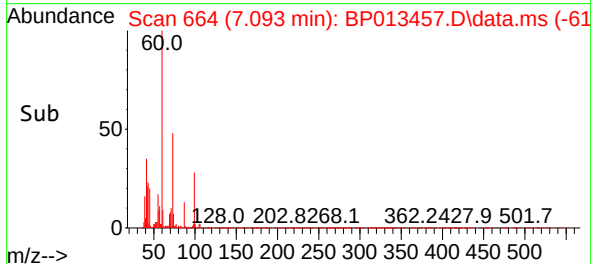
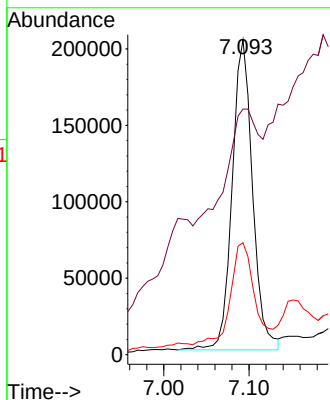
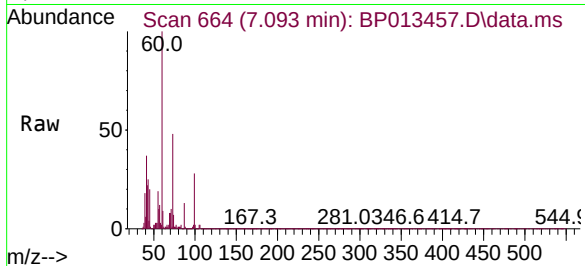




#7
Phenol-d6
Concen: 10.265 ng
RT: 7.093 min Scan# 60
Delta R.T. 0.018 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

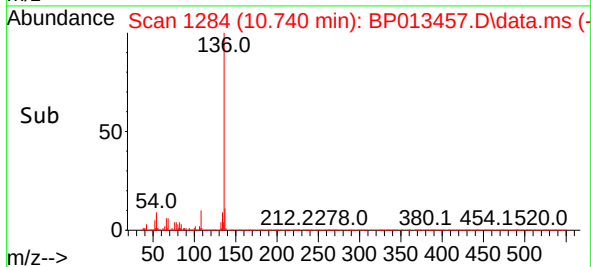
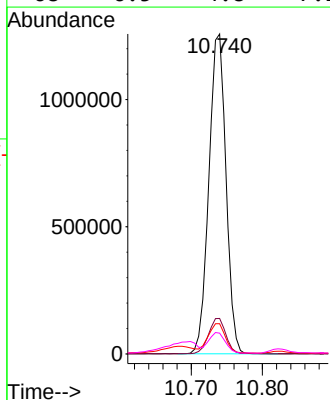
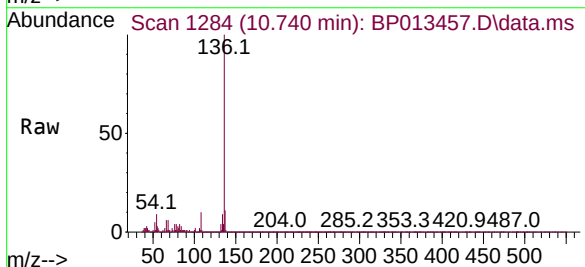
Instrument :
BNA_P
ClientSampleId :
S-14-02

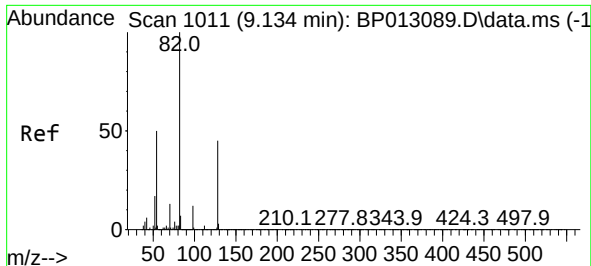
Tgt Ion: 99 Resp: 337678
Ion Ratio Lower Upper
99 100
42 78.0 14.2 21.4#
71 35.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1284
Delta R.T. 0.012 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

Tgt Ion: 136 Resp: 2099009
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.4 6.2 9.4#
68 6.5 4.8 7.2

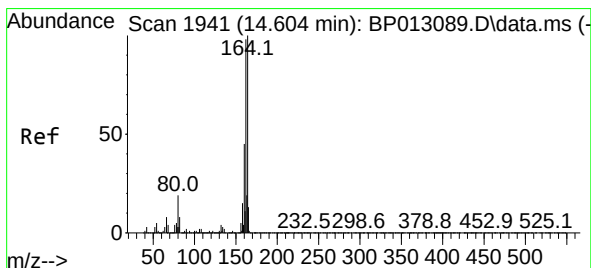
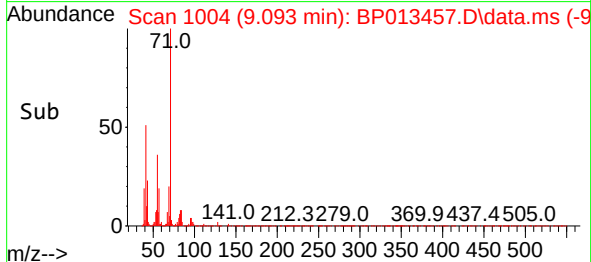
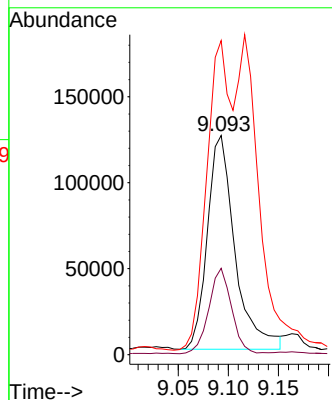
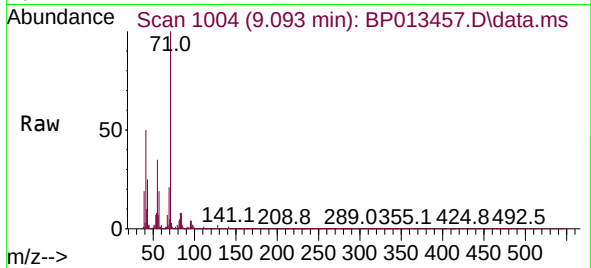




#23
Nitrobenzene-d5
Concen: 6.228 ng
RT: 9.093 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

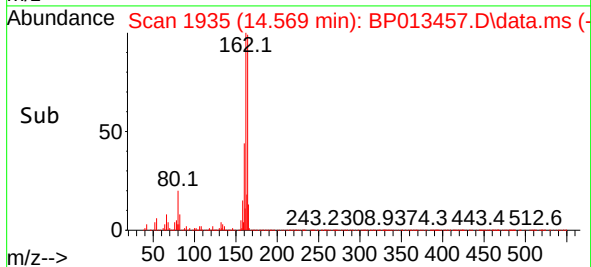
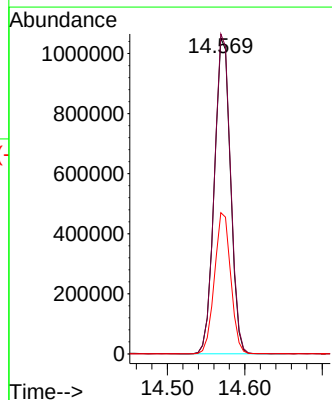
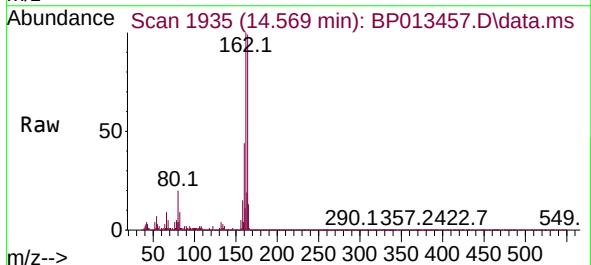
Instrument :
BNA_P
ClientSampleId :
S-14-02

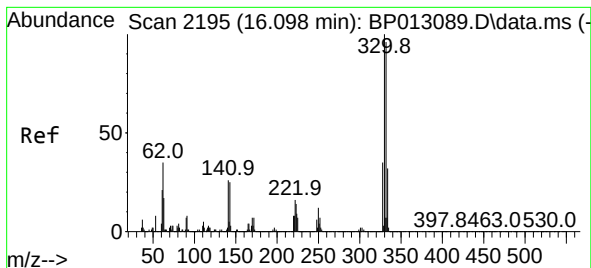
Tgt Ion: 82 Resp: 238466
Ion Ratio Lower Upper
82 100
128 39.4 35.9 53.9
54 143.3 40.4 60.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

Tgt Ion:164 Resp: 1525961
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 44.7 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 10.482 ng

RT: 16.063 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

Instrument :

BNA_P

ClientSampleId :

S-14-02

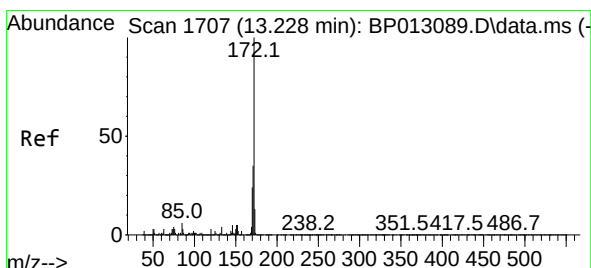
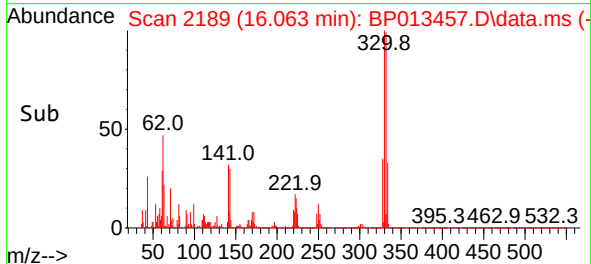
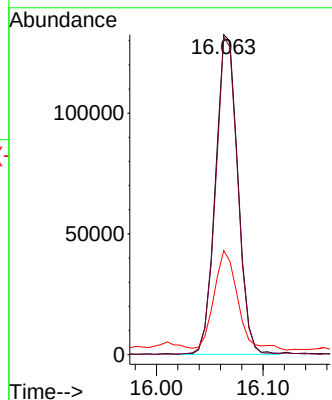
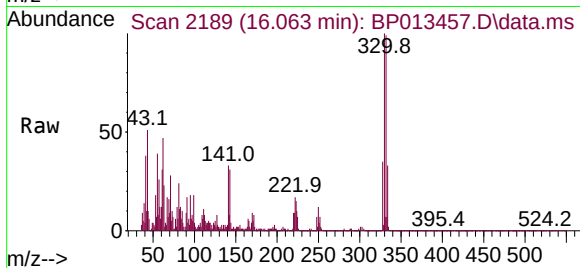
Tgt Ion:330 Resp: 192849

Ion Ratio Lower Upper

330 100

332 98.0 77.5 116.3

141 34.5 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 5.028 ng

RT: 13.193 min Scan# 1701

Delta R.T. 0.012 min

Lab File: BP013457.D

Acq: 11 Jan 2023 22:45

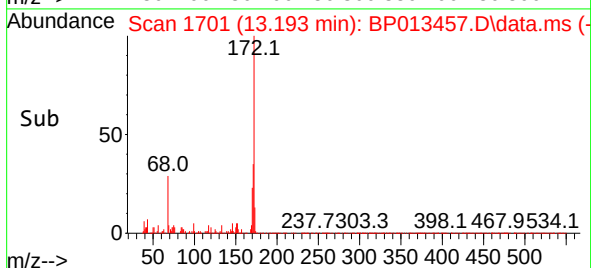
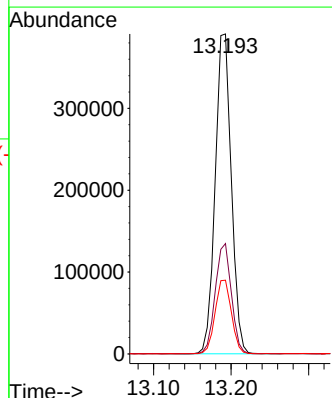
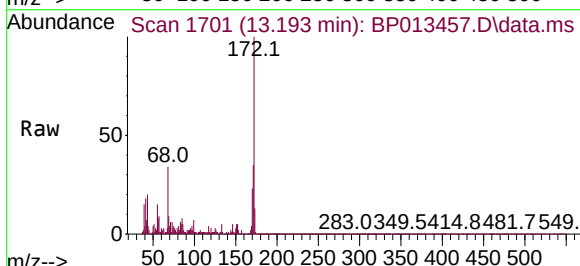
Tgt Ion:172 Resp: 565023

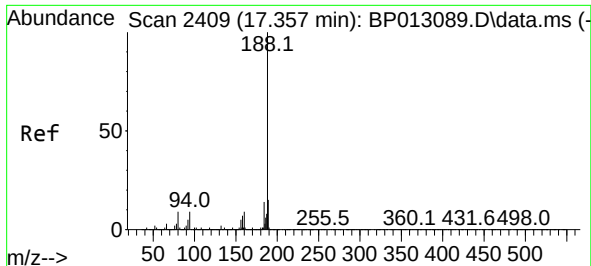
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.0 19.2 28.8

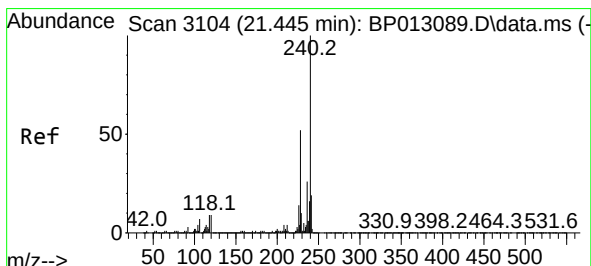
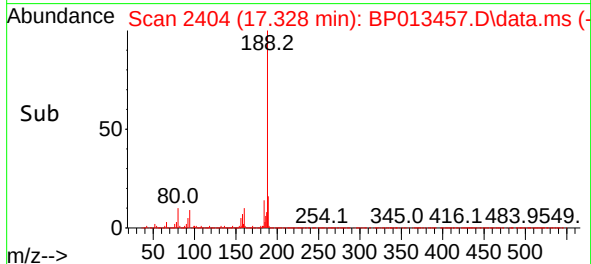
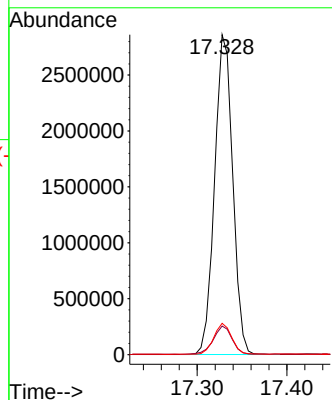
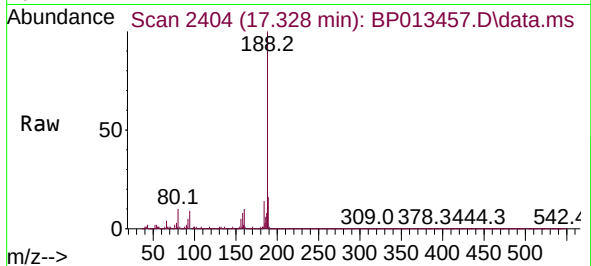




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2404
Delta R.T. 0.012 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

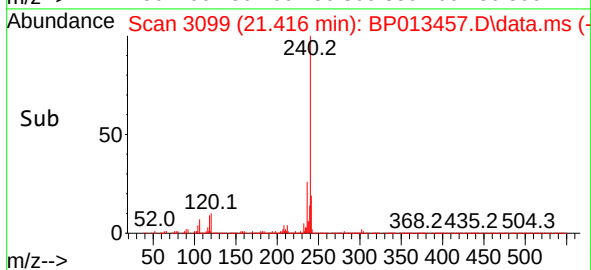
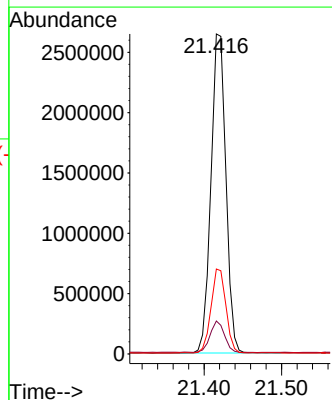
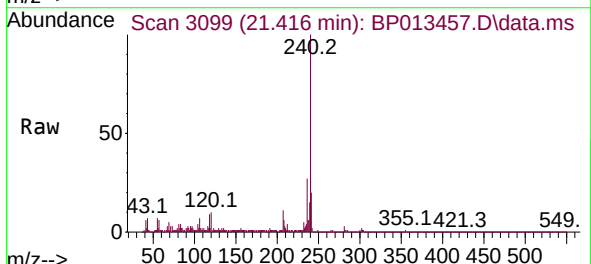
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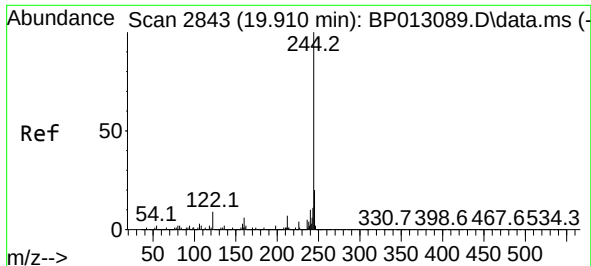
Tgt Ion:188 Resp: 4030152
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3099
Delta R.T. 0.006 min
Lab File: BP013457.D
Acq: 11 Jan 2023 22:45

Tgt Ion:240 Resp: 3541319
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.2
236 26.5 21.0 31.4

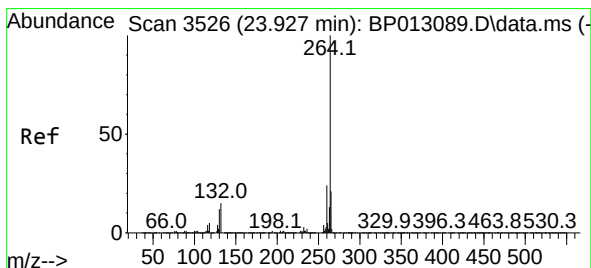
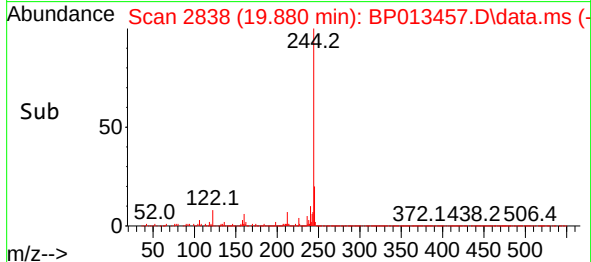
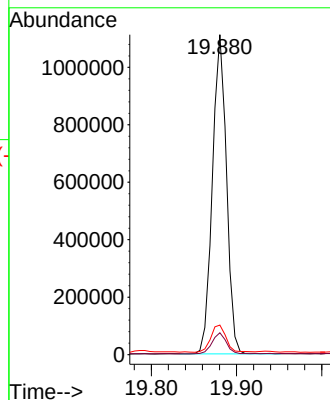
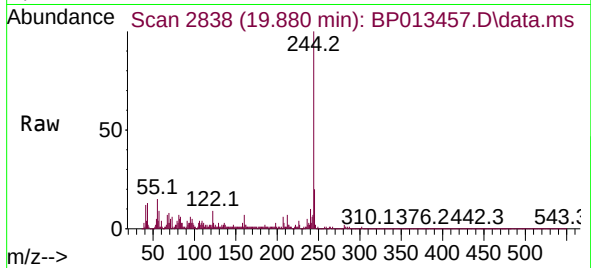




#79
 Terphenyl-d14
 Concen: 7.093 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP013457.D
 Acq: 11 Jan 2023 22:45

Instrument :
 BNA_P
 ClientSampleId :
 S-14-02

Tgt Ion:244 Resp: 1273164
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 9.2 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.886 min Scan# 3519
 Delta R.T. 0.018 min
 Lab File: BP013457.D
 Acq: 11 Jan 2023 22:45

Tgt Ion:264 Resp: 2670522
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.9 17.7 26.5

