

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013895.D
 Acq On : 28 Feb 2023 18:21
 Operator : CG/JU
 Sample : 01723-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-5

Quant Time: Mar 01 03:47:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	126939	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	489146	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	332369	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	792777	20.000	ng	0.00
76) Chrysene-d12	21.563	240	824153	20.000	ng	-0.01
86) Perylene-d12	24.115	264	983965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	605662	78.636	ng	0.00
7) Phenol-d6	7.252	99	922518	93.521	ng	0.00
23) Nitrobenzene-d5	9.269	82	683771	75.486	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	380088	78.560	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1675636	66.218	ng	-0.01
79) Terphenyl-d14	20.022	244	3250683	75.888	ng	0.00

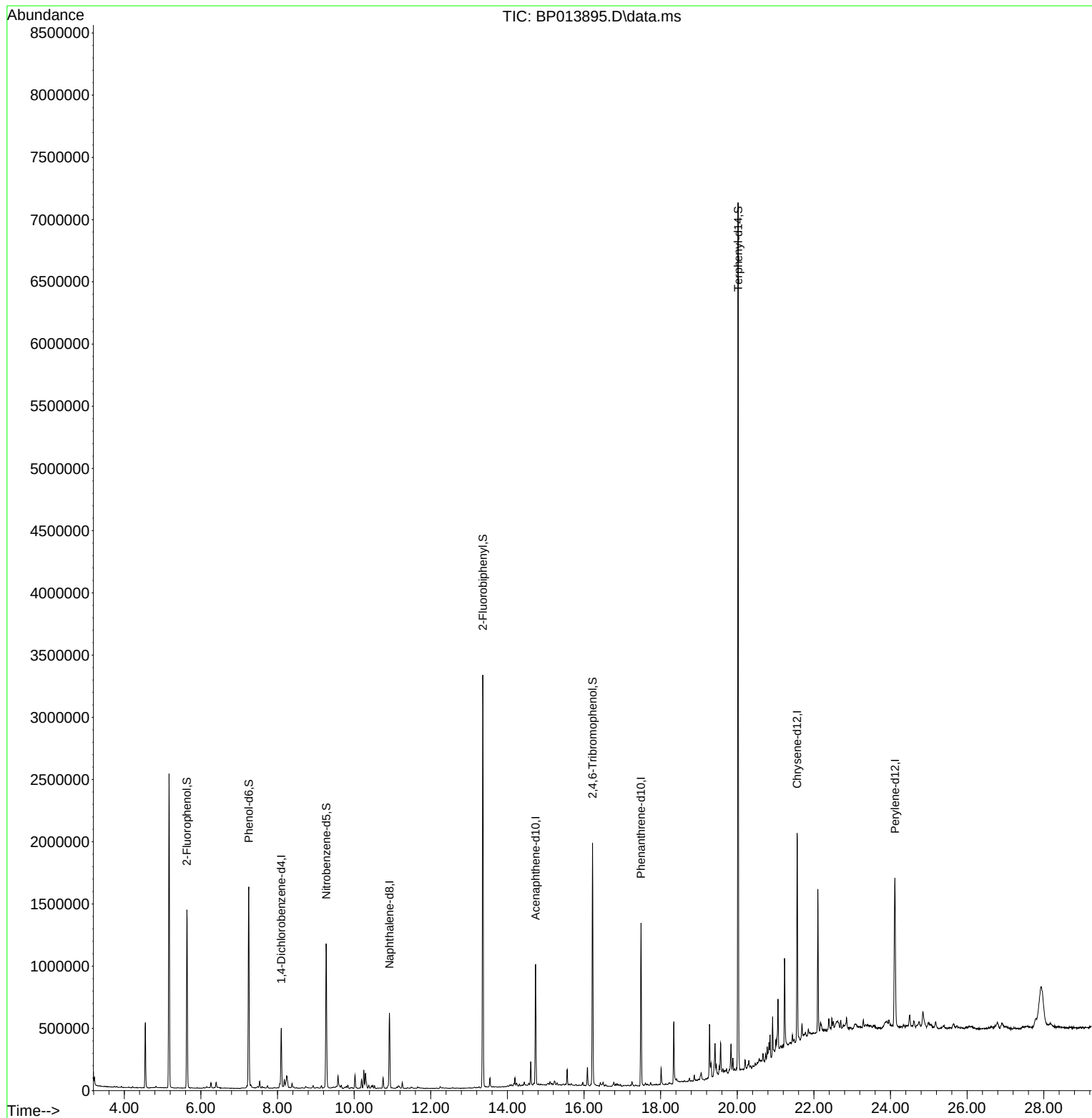
Target Compounds	Qvalue

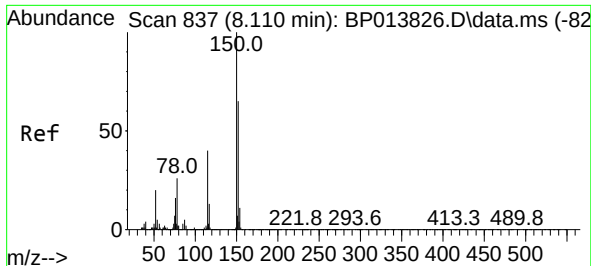
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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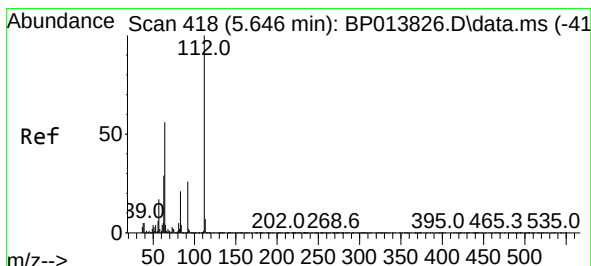
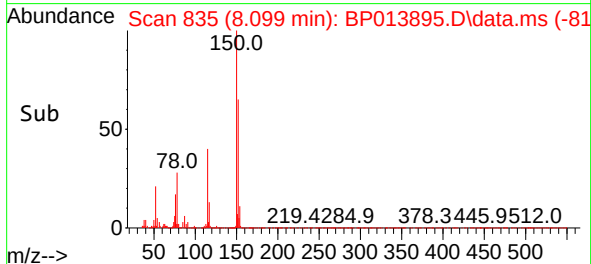
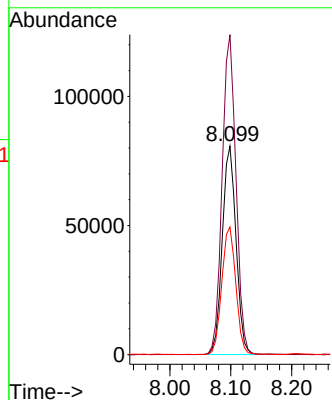
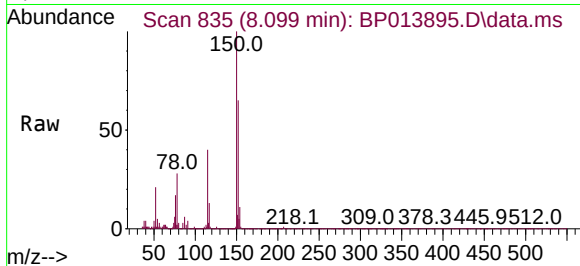




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

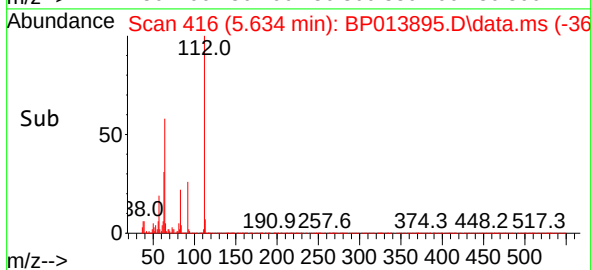
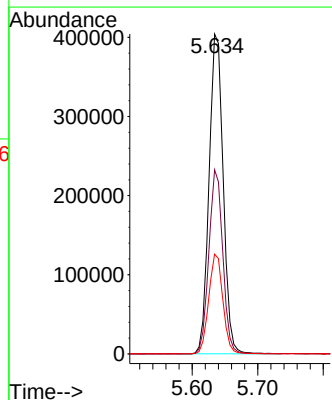
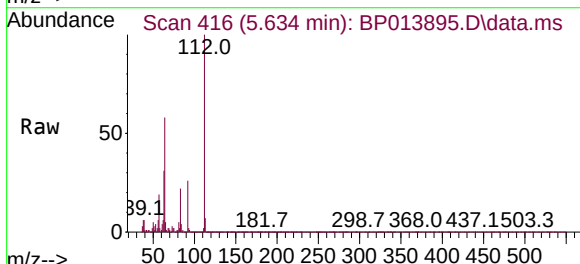
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

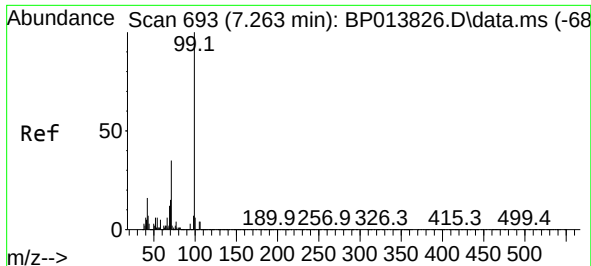
Tgt Ion:152 Resp: 126939
Ion Ratio Lower Upper
152 100
150 153.5 122.8 184.2
115 61.2 49.0 73.6



#5
2-Fluorophenol
Concen: 78.636 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:112 Resp: 605662
Ion Ratio Lower Upper
112 100
64 57.5 44.6 66.8
63 31.2 23.6 35.4

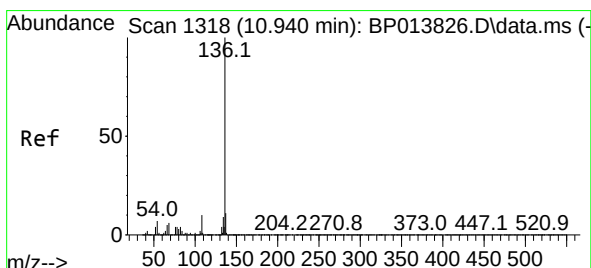
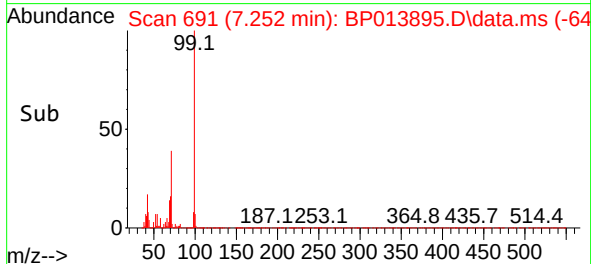
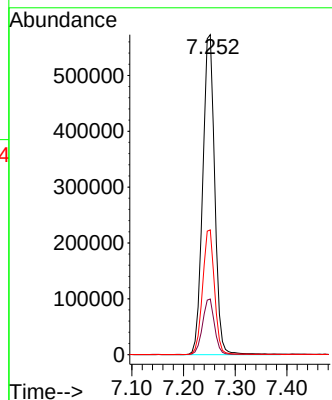
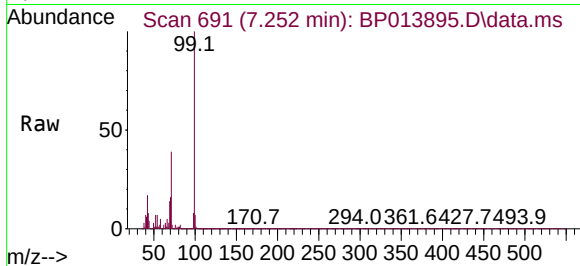




#7
Phenol-d6
Concen: 93.521 ng
RT: 7.252 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

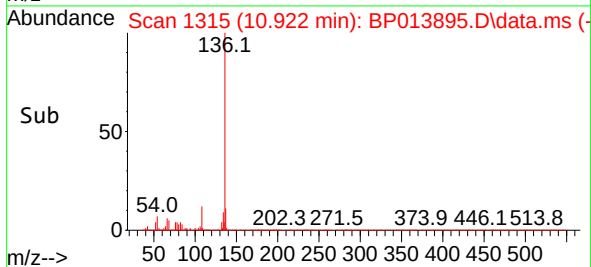
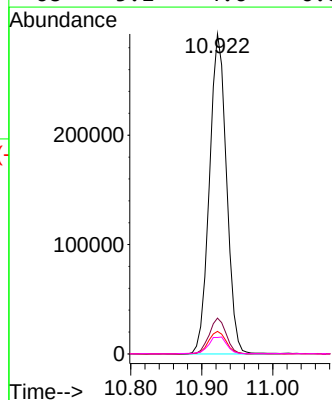
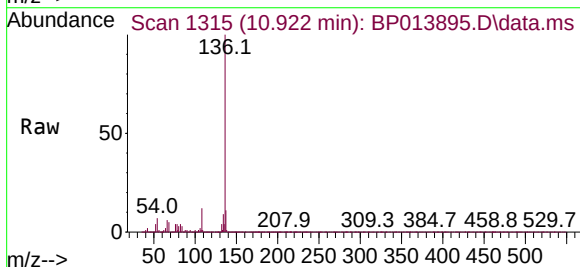
Instrument :
BNA_P
ClientSampleId :
HH-CON-5

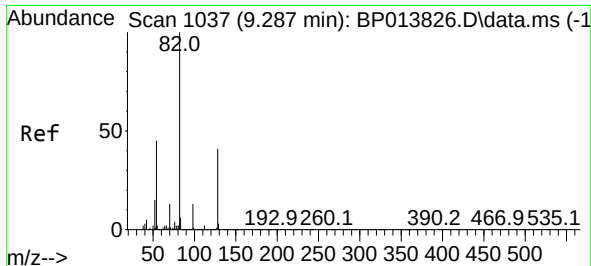
Tgt Ion:	99	Resp:	922518
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.5	18.7
71	39.0	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013895.D
Acq: 28 Feb 2023 18:21

Tgt Ion:	136	Resp:	489146
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.0	5.8	8.6
68	5.1	4.6	6.8





#23

Nitrobenzene-d5

Concen: 75.486 ng

RT: 9.269 min Scan# 1034

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

ClientSampleId :

HH-CON-5

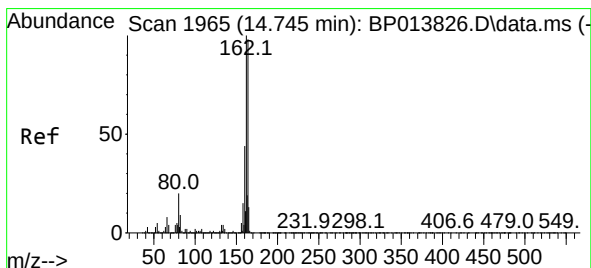
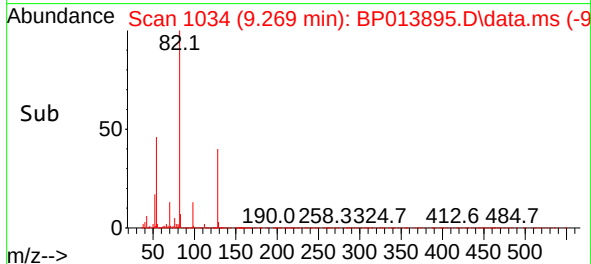
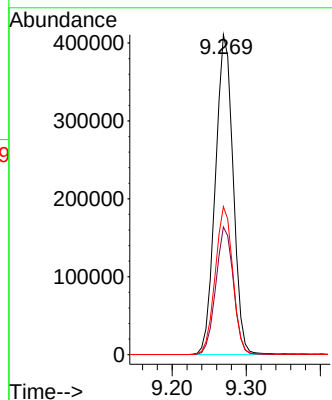
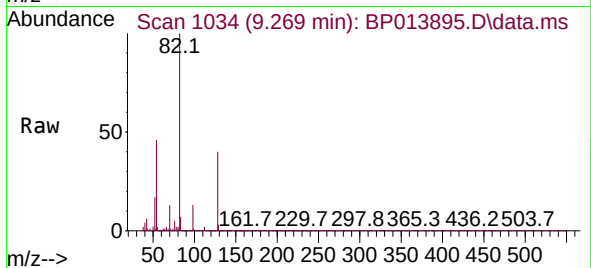
Tgt Ion: 82 Resp: 683771

Ion Ratio Lower Upper

82 100

128 39.9 32.9 49.3

54 46.2 35.6 53.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.734 min Scan# 1963

Delta R.T. -0.006 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

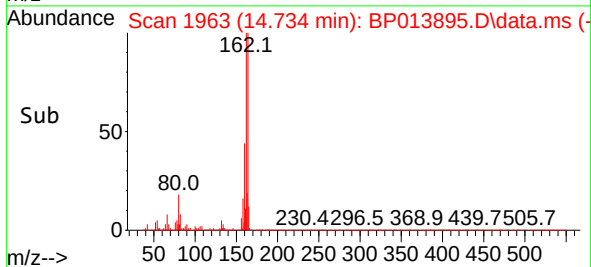
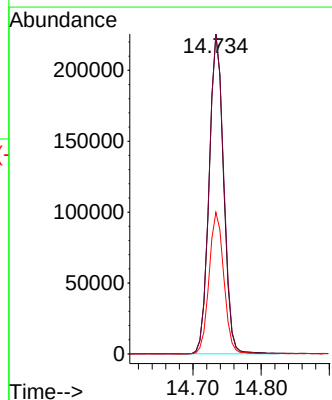
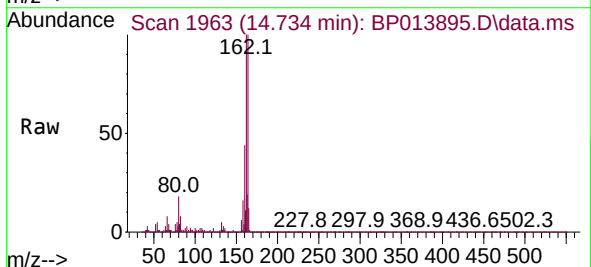
Tgt Ion:164 Resp: 332369

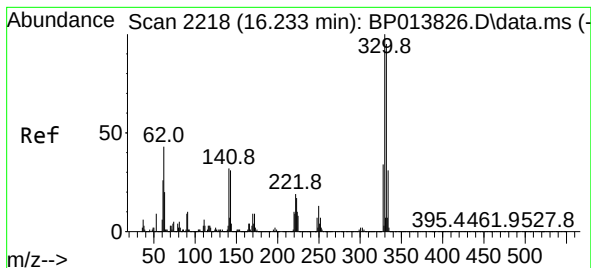
Ion Ratio Lower Upper

164 100

162 100.1 81.7 122.5

160 44.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 78.560 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

ClientSampleId :

HH-CON-5

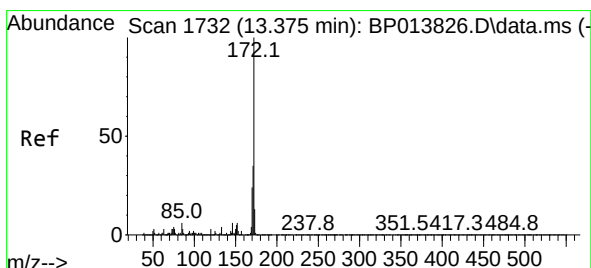
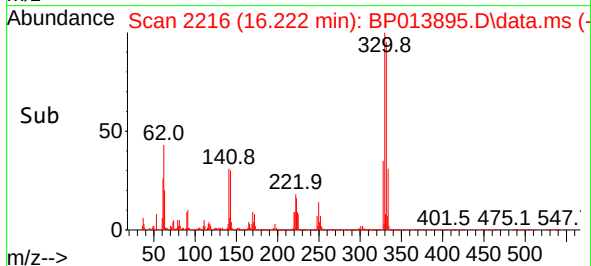
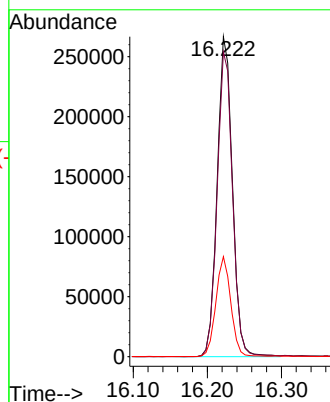
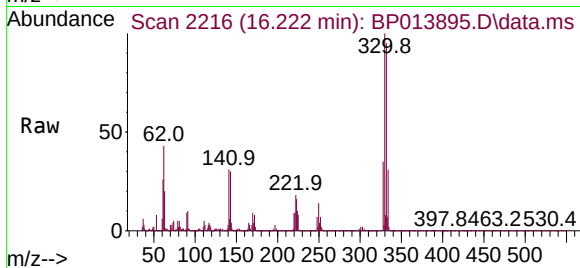
Tgt Ion:330 Resp: 380088

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

141 30.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 66.218 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

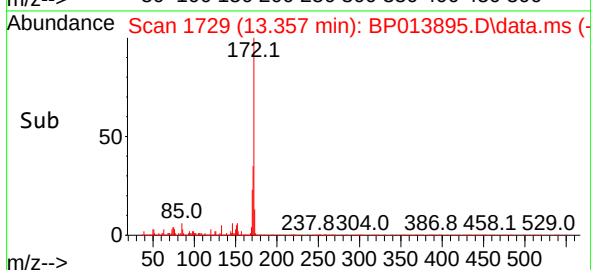
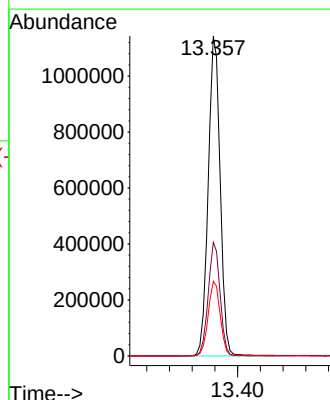
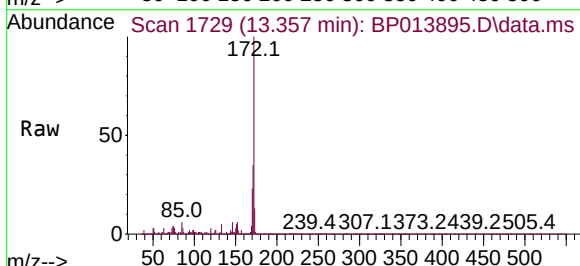
Tgt Ion:172 Resp: 1675636

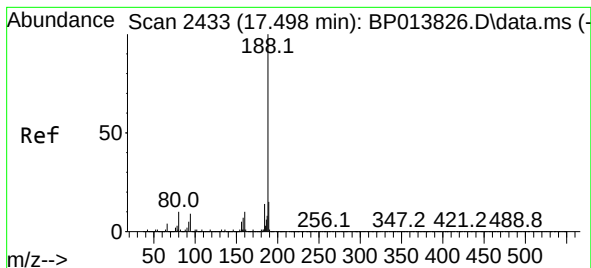
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

ClientSampleId :

HH-CON-5

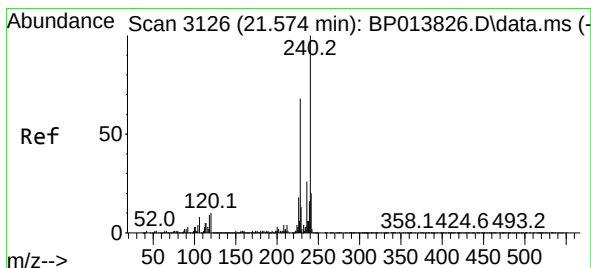
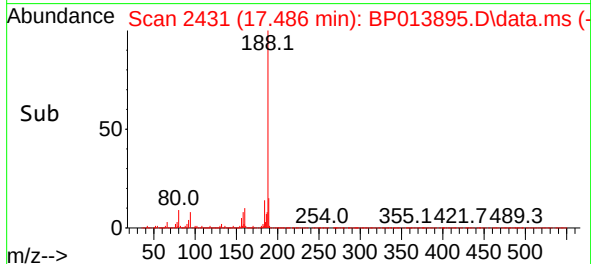
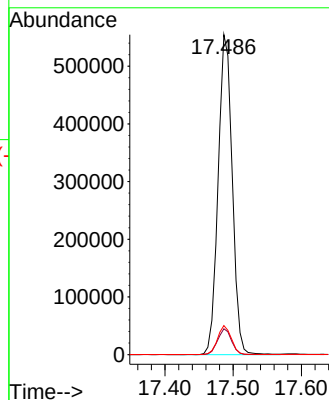
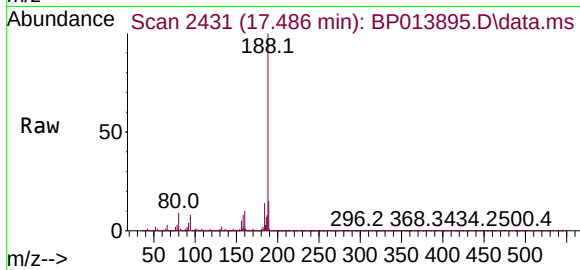
Tgt Ion:188 Resp: 792777

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.1 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

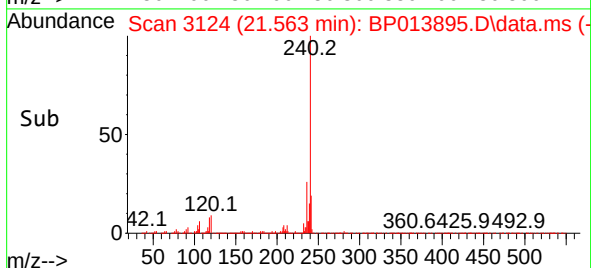
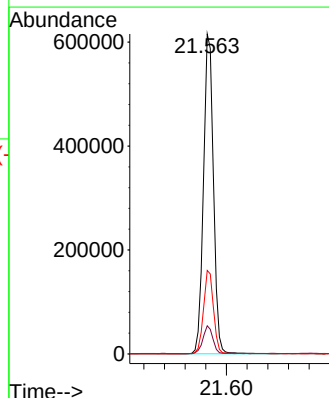
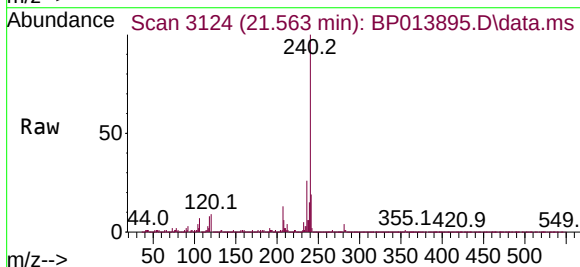
Tgt Ion:240 Resp: 824153

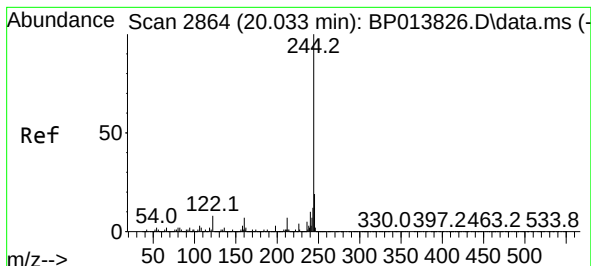
Ion Ratio Lower Upper

240 100

120 8.8 7.9 11.9

236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 75.888 ng

RT: 20.022 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Instrument :

BNA_P

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HH-CON-5

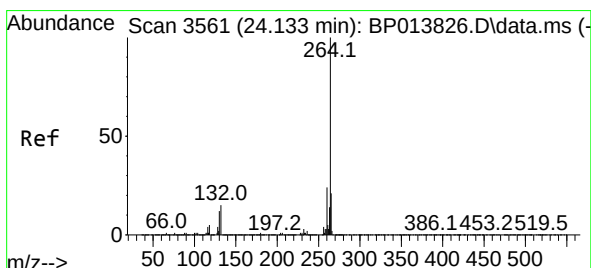
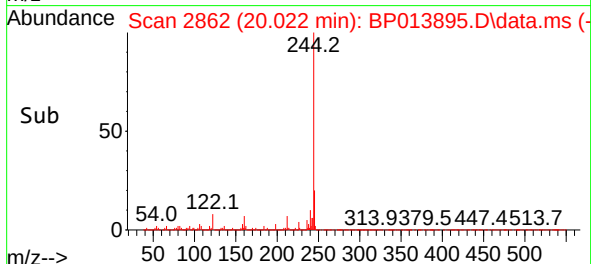
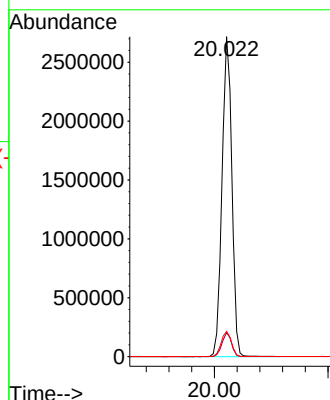
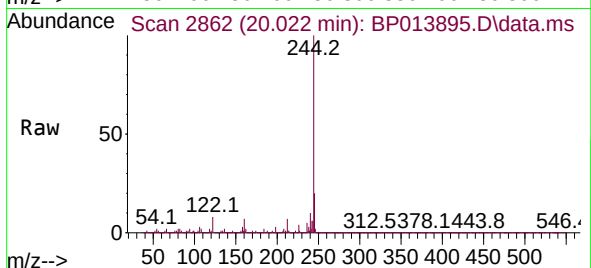
Tgt Ion:244 Resp: 3250683

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

122 7.9 6.7 10.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.115 min Scan# 3558

Delta R.T. -0.006 min

Lab File: BP013895.D

Acq: 28 Feb 2023 18:21

Tgt Ion:264 Resp: 983965

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 22.0 17.6 26.4

