

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013910.D
 Acq On : 01 Mar 2023 02:52
 Operator : CG/JU
 Sample : 01723-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-12

Quant Time: Mar 01 03:53:06 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	8.093	152	116565	20.000	ng	-0.01
21) Naphthalene-d8	10.922	136	459217	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	306112	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	710908	20.000	ng	0.00
76) Chrysene-d12	21.563	240	701862	20.000	ng	#-0.01
86) Perylene-d12	24.110	264	821351	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	281934	39.863	ng	0.00
7) Phenol-d6	7.252	99	731056	80.707	ng	0.00
23) Nitrobenzene-d5	9.269	82	604313	71.062	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	112664	25.284	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1470901	63.114	ng	-0.01
79) Terphenyl-d14	20.022	244	2711052	74.317	ng	0.00

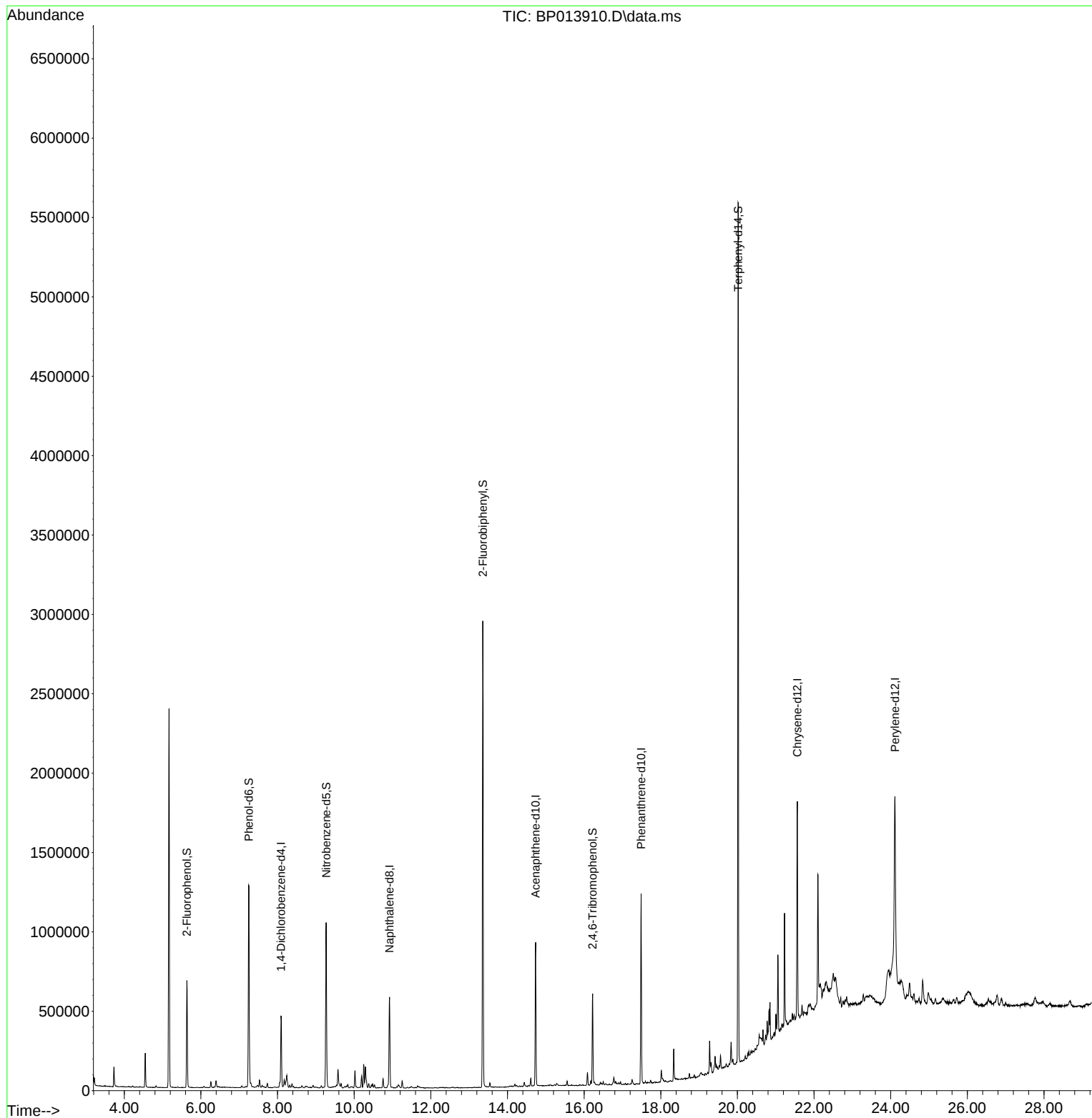
Target Compounds Qvalue

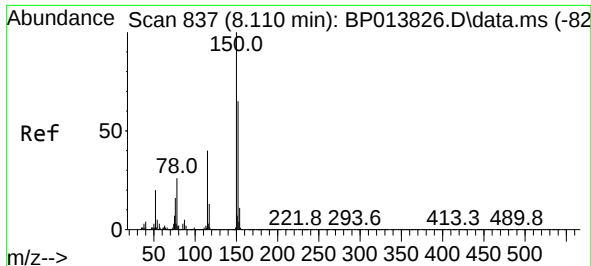
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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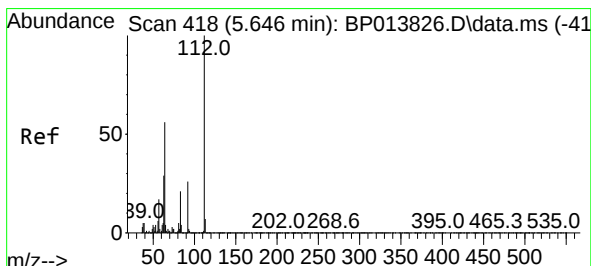
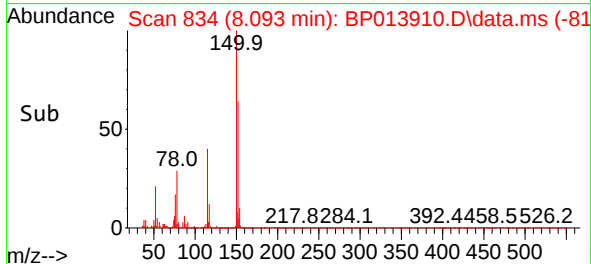
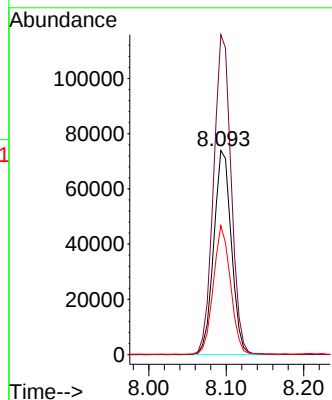
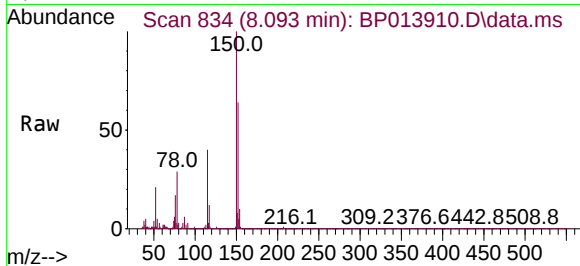




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

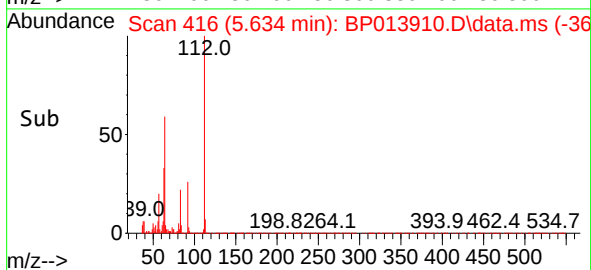
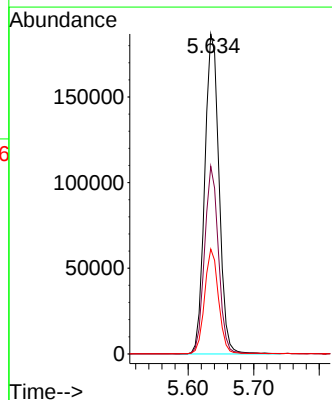
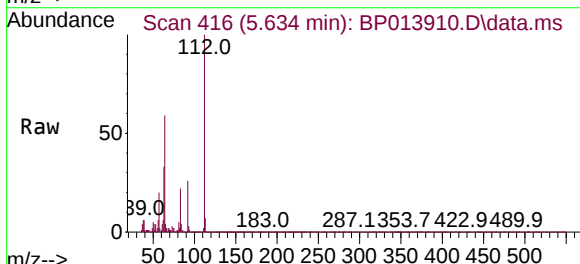
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

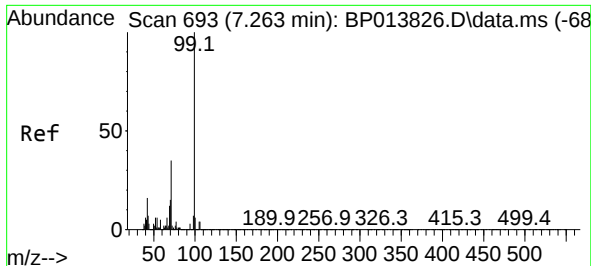
Tgt Ion:152 Resp: 116565
Ion Ratio Lower Upper
152 100
150 156.8 122.8 184.2
115 63.2 49.0 73.6



#5
2-Fluorophenol
Concen: 39.863 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:112 Resp: 281934
Ion Ratio Lower Upper
112 100
64 58.7 44.6 66.8
63 32.8 23.6 35.4

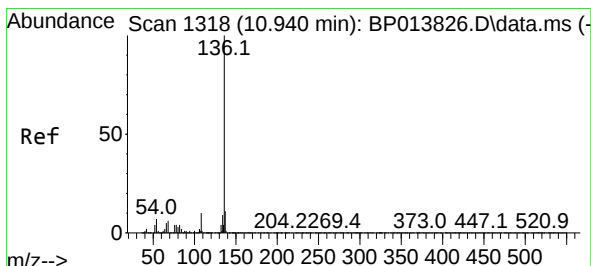
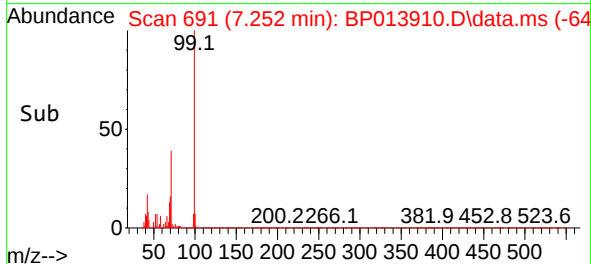
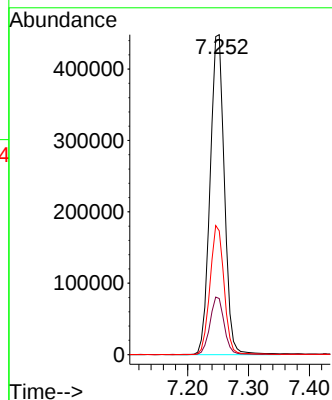
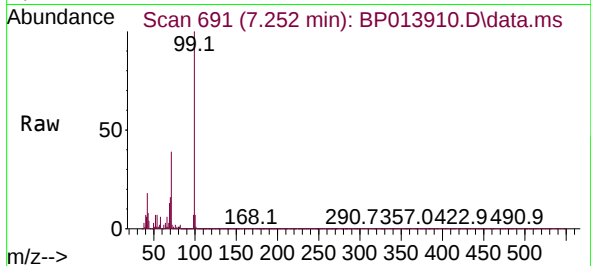




#7
Phenol-d6
Concen: 80.707 ng
RT: 7.252 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

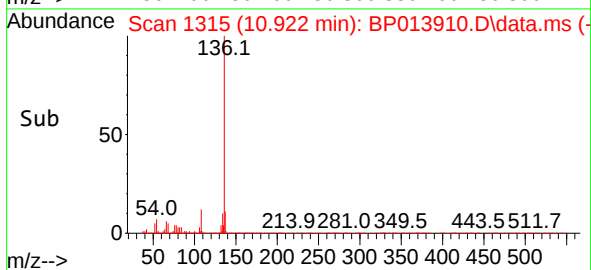
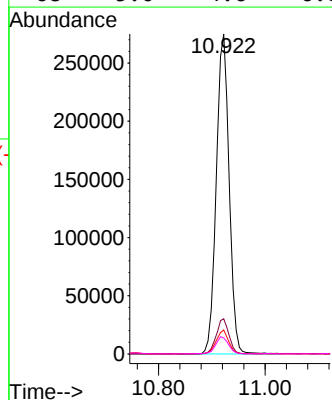
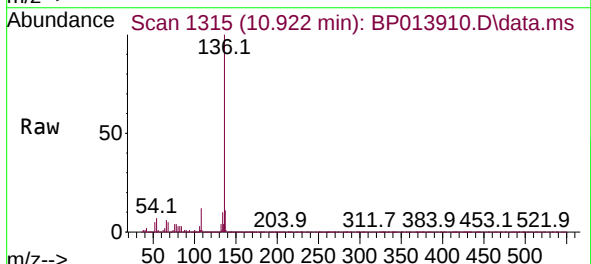
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

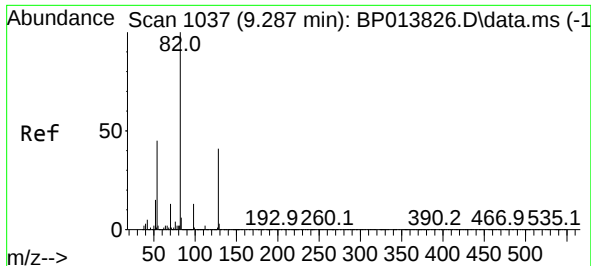
Tgt Ion: 99 Resp: 731056
Ion Ratio Lower Upper
99 100
42 17.5 12.5 18.7
71 38.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion: 136 Resp: 459217
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.5 5.8 8.6
68 5.0 4.6 6.8

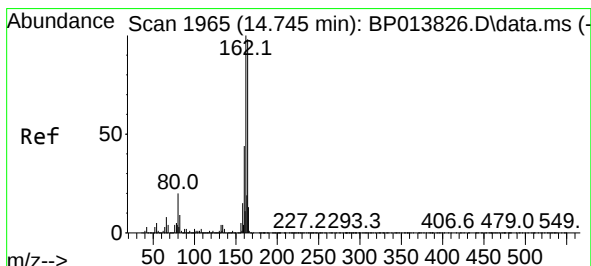
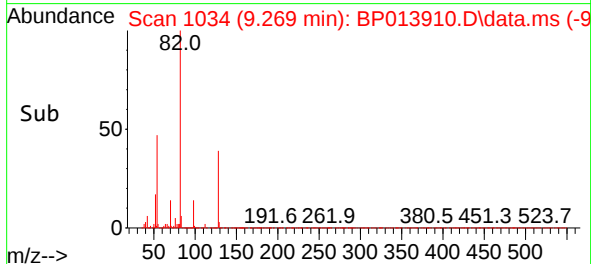
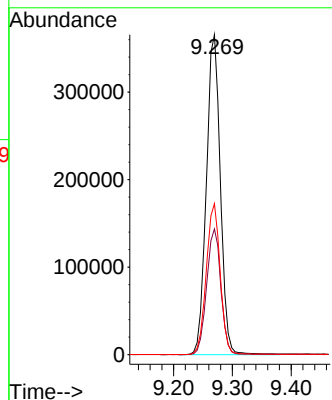
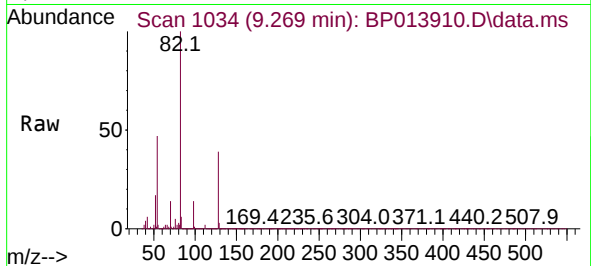




#23
Nitrobenzene-d5
Concen: 71.062 ng
RT: 9.269 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

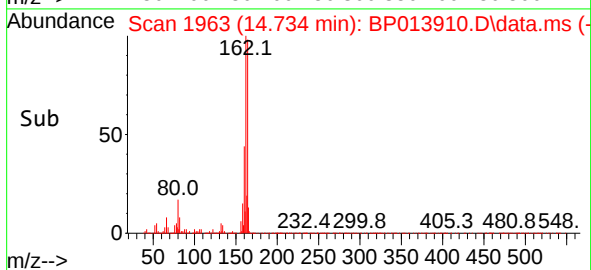
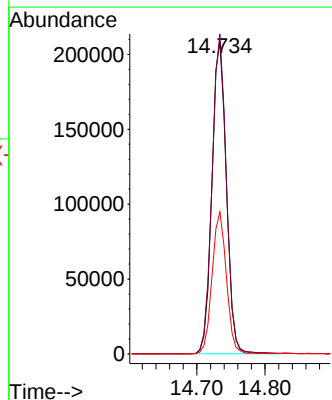
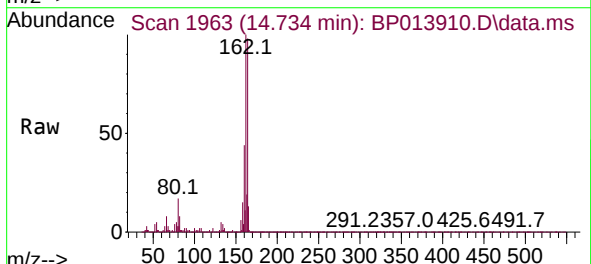
Instrument :
BNA_P
ClientSampleId :
HH-CON-12

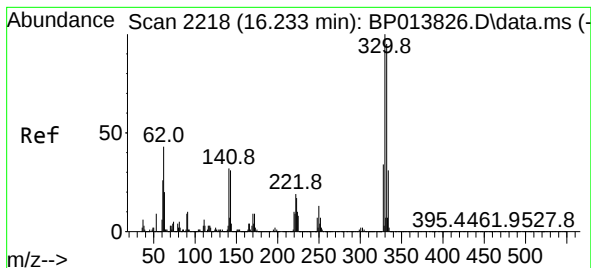
Tgt Ion: 82 Resp: 604313
Ion Ratio Lower Upper
82 100
128 39.3 32.9 49.3
54 47.2 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion: 164 Resp: 306112
Ion Ratio Lower Upper
164 100
162 102.5 81.7 122.5
160 45.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 25.284 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

Instrument :

BNA_P

ClientSampleId :

HH-CON-12

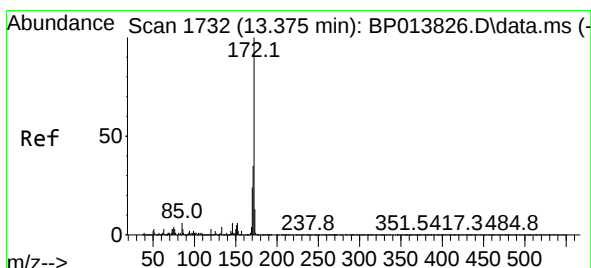
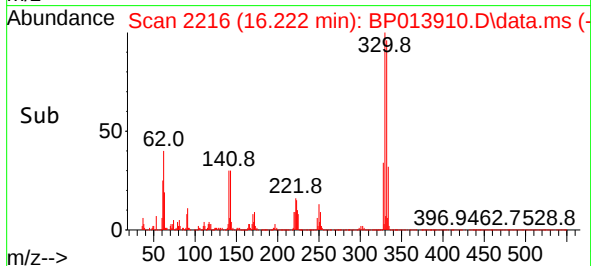
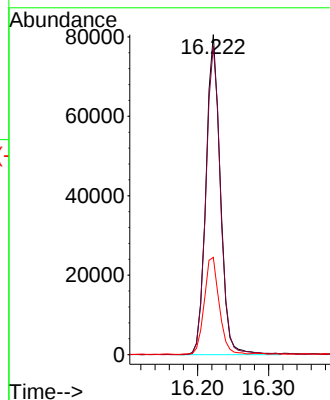
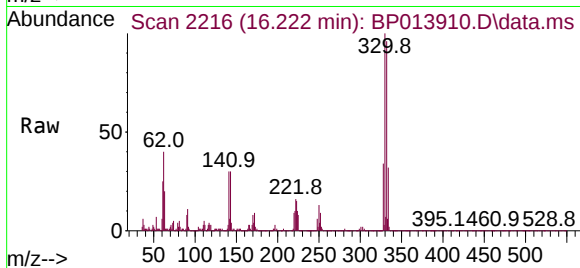
Tgt Ion:330 Resp: 112664

Ion Ratio Lower Upper

330 100

332 98.0 76.7 115.1

141 31.6 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 63.114 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.011 min

Lab File: BP013910.D

Acq: 01 Mar 2023 02:52

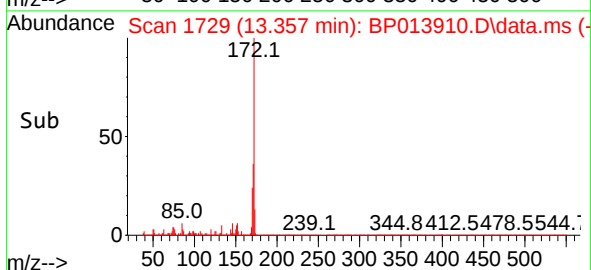
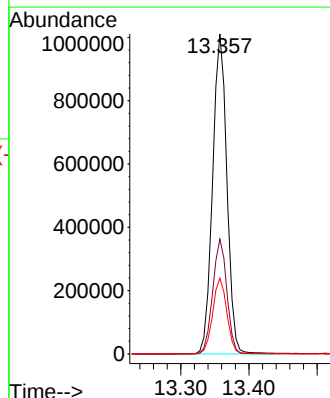
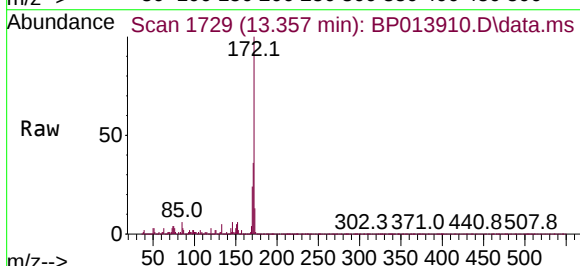
Tgt Ion:172 Resp: 1470901

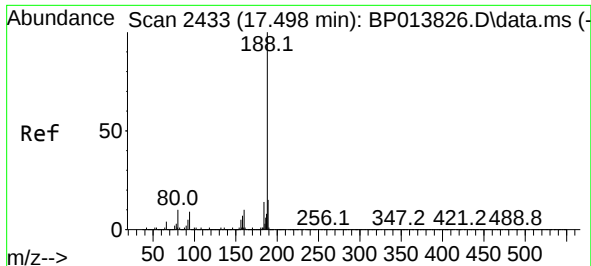
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.4

170 23.6 19.0 28.4

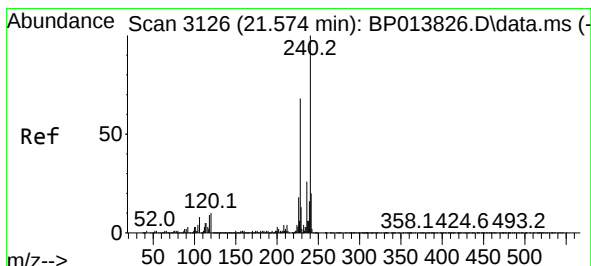
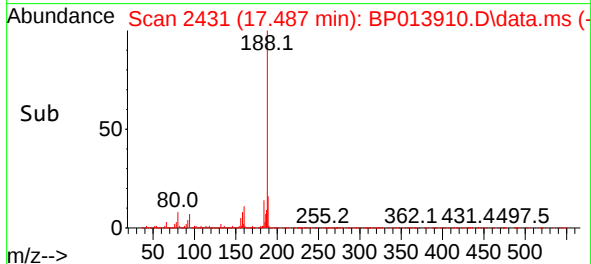
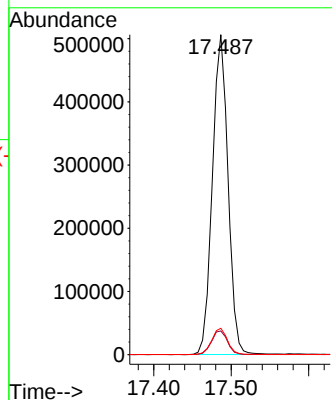
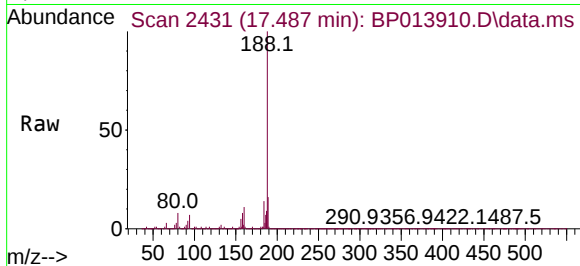




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

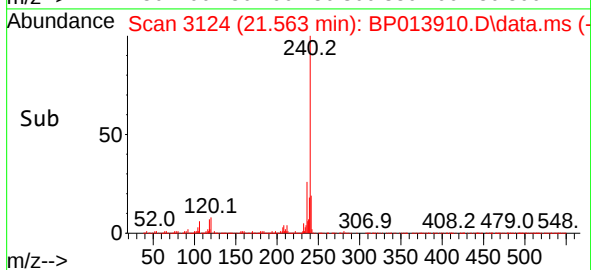
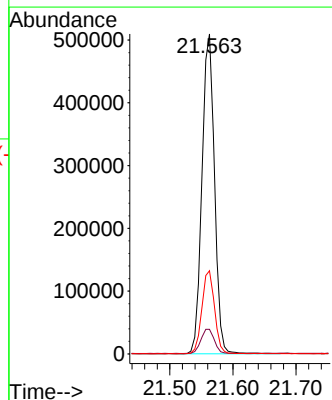
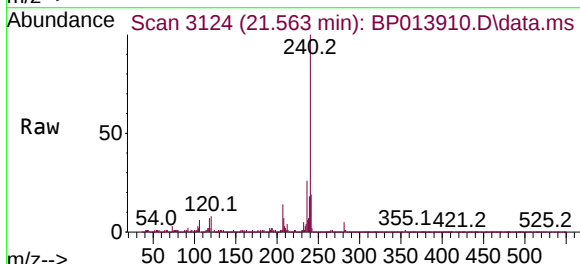
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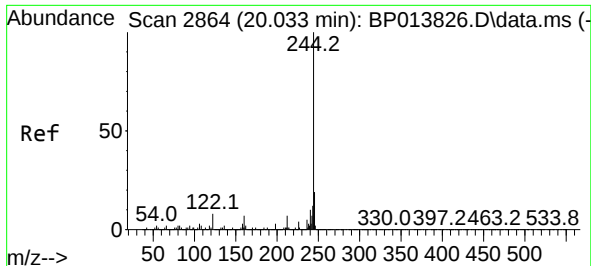
Tgt Ion:188 Resp: 710908
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.3 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BP013910.D
Acq: 01 Mar 2023 02:52

Tgt Ion:240 Resp: 701862
Ion Ratio Lower Upper
240 100
120 7.7 7.9 11.9#
236 26.0 20.9 31.3

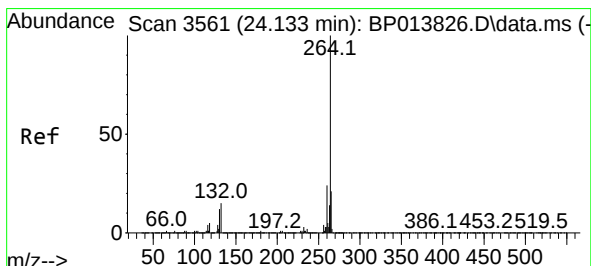
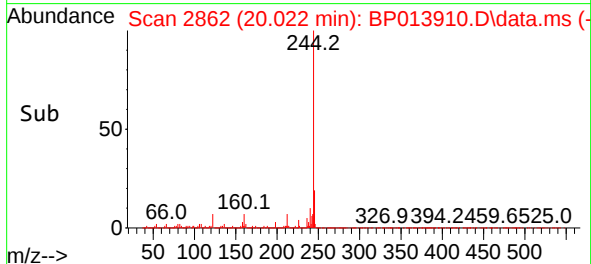
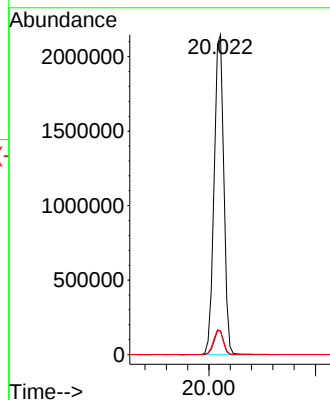
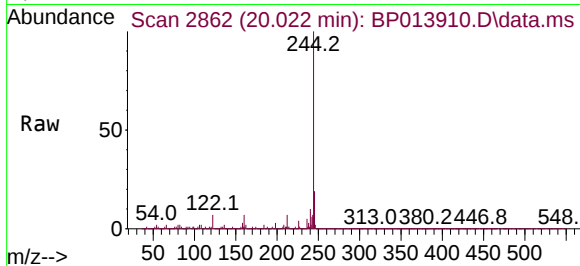




#79
 Terphenyl-d14
 Concen: 74.317 ng
 RT: 20.022 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP013910.D
 Acq: 01 Mar 2023 02:52

Instrument :
 BNA_P
 ClientSampleId :
 HH-CON-12

Tgt Ion:244 Resp: 2711052
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 7.3 6.7 10.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.110 min Scan# 3557
 Delta R.T. -0.011 min
 Lab File: BP013910.D
 Acq: 01 Mar 2023 02:52

Tgt Ion:264 Resp: 821351
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.8 17.6 26.4

