

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020630.D
 Acq On : 14 Jun 2024 18:17
 Operator : MA/JU
 Sample : P2864-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-H

Quant Time: Jun 14 18:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	185801	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	708215	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	477650	20.000	ng	-0.01
64) Phenanthrene-d10	17.186	188	1063164	20.000	ng	-0.02
76) Chrysene-d12	21.645	240	1025779	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1198640	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1313473	126.571	ng	0.00
7) Phenol-d6	6.934	99	1542070	105.371	ng	0.00
23) Nitrobenzene-d5	8.899	82	1104997	85.409	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	882934	178.116	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	2675668	83.507	ng	-0.02
79) Terphenyl-d14	19.928	244	4922277	79.883	ng	-0.02

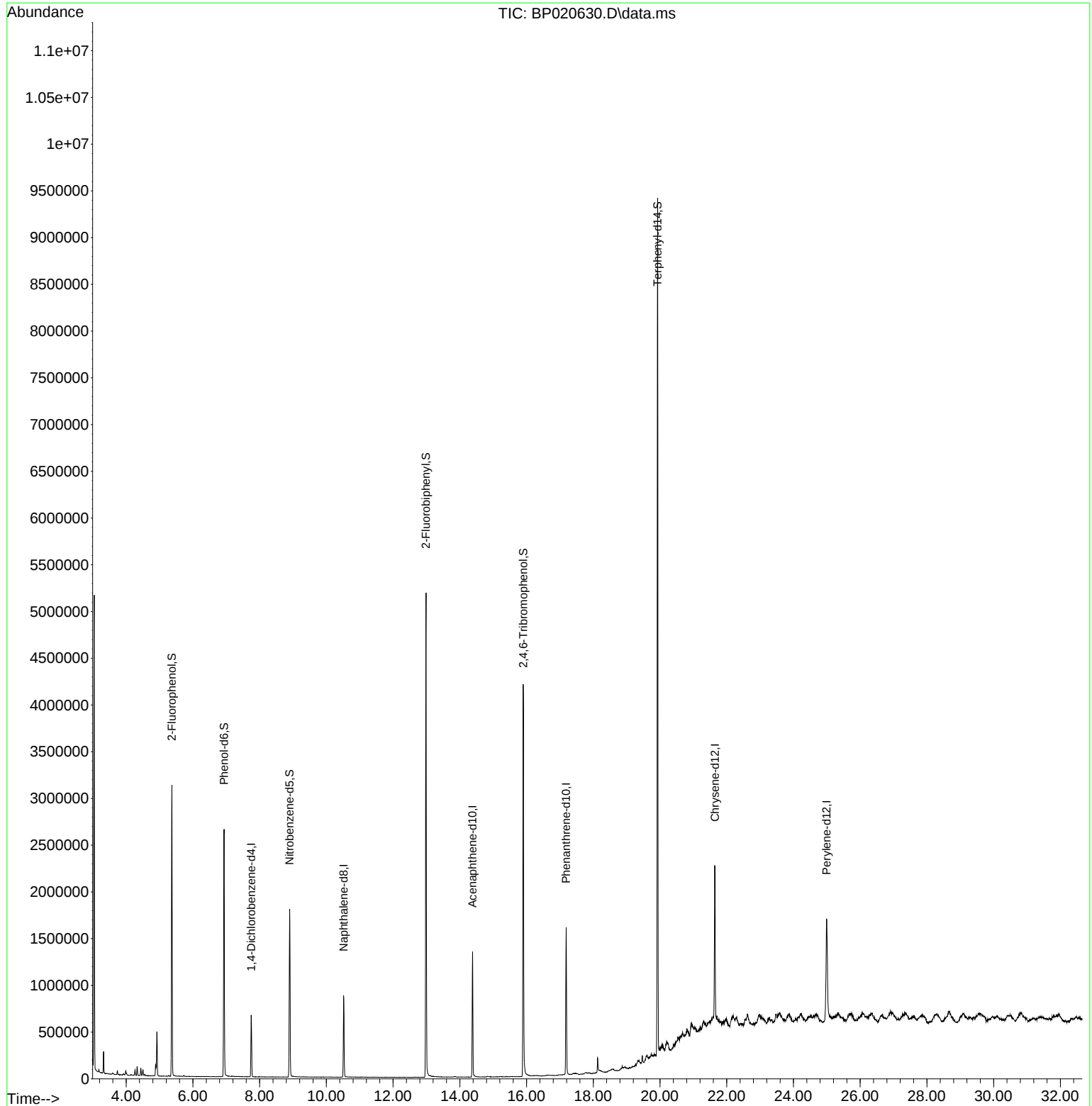
Target Compounds	Qvalue

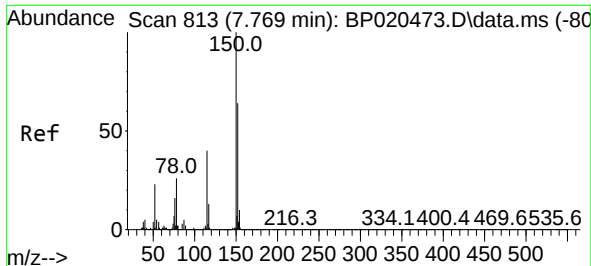
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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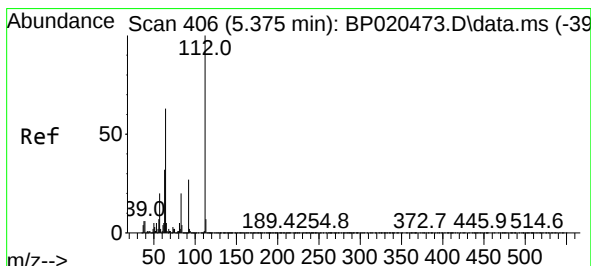
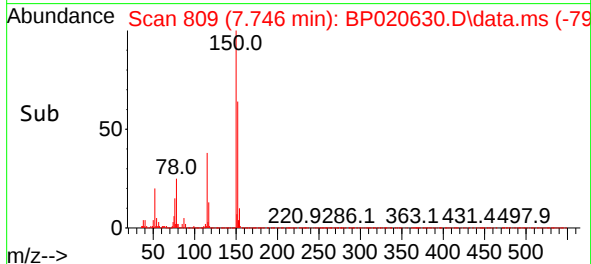
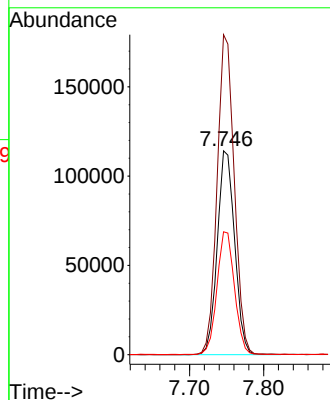
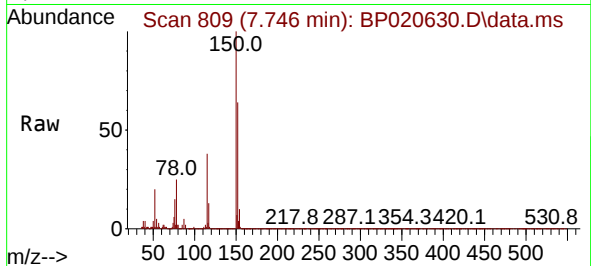




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

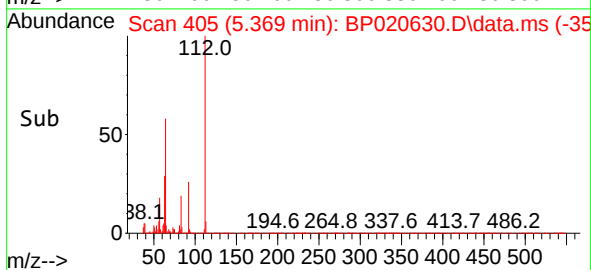
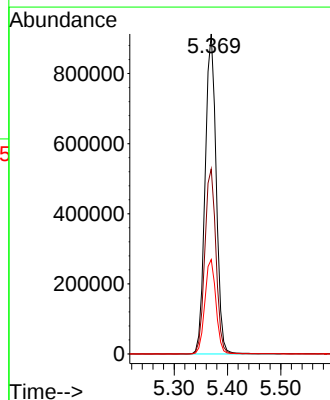
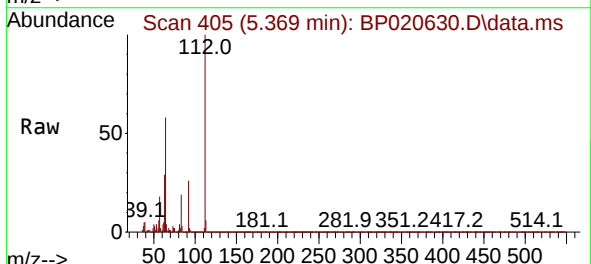
Instrument :
BNA_P
ClientSampleId :
WC-H

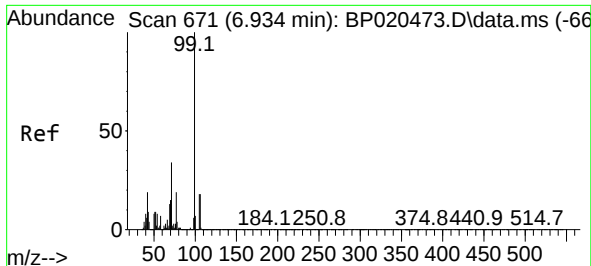
Tgt Ion:152 Resp: 185801
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 60.2 49.5 74.3



#5
2-Fluorophenol
Concen: 126.571 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:112 Resp: 1313473
Ion Ratio Lower Upper
112 100
64 57.8 50.1 75.1
63 29.5 25.7 38.5



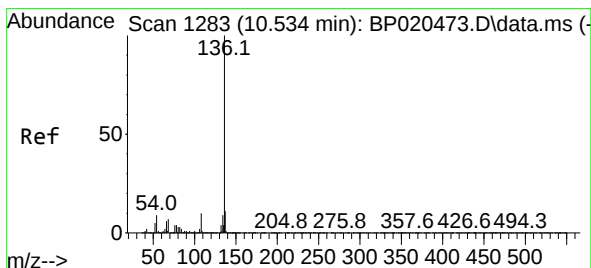
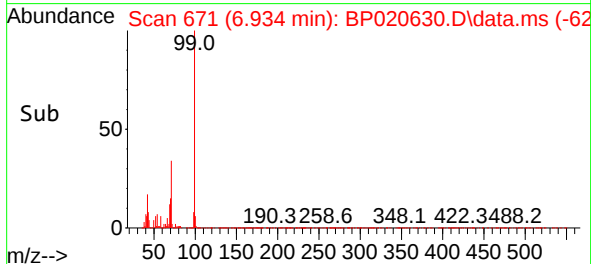
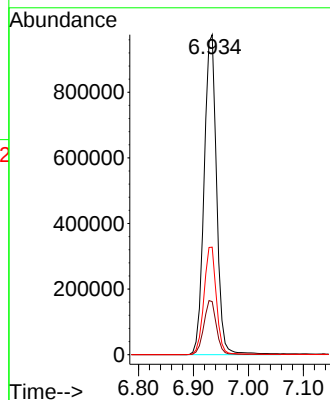
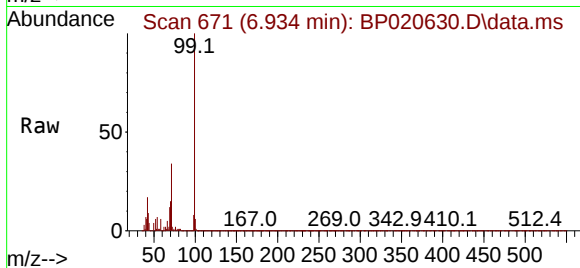


#7
Phenol-d6
Concen: 105.371 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Instrument :
BNA_P
ClientSampleId :
WC-H

Tgt Ion: 99 Resp: 1542070

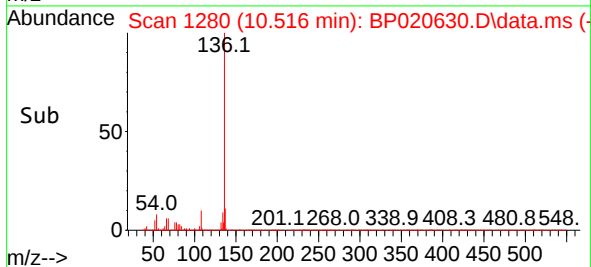
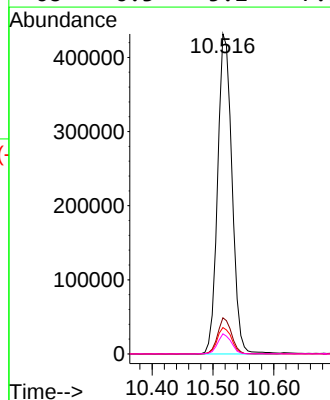
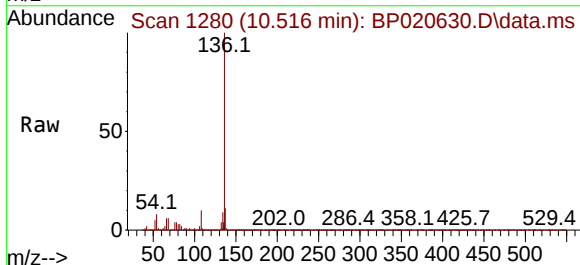
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.4
71	33.6	27.3	40.9

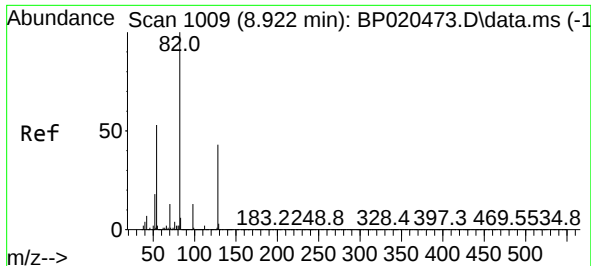


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion: 136 Resp: 708215

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.3	7.4	11.0
68	6.3	5.2	7.8

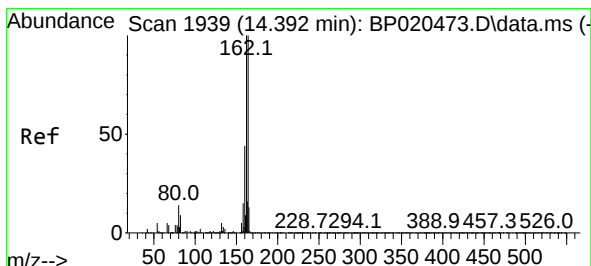
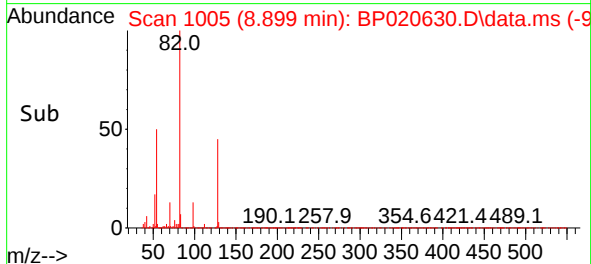
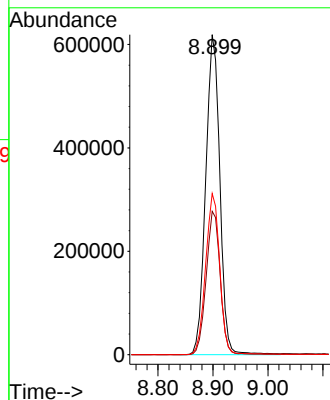
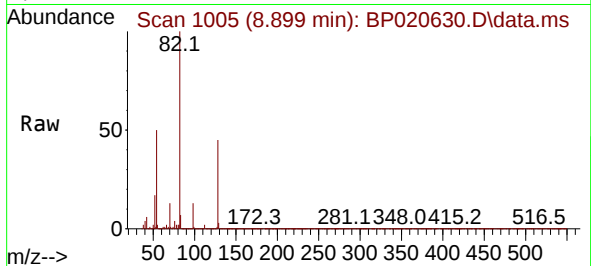




#23
Nitrobenzene-d5
Concen: 85.409 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

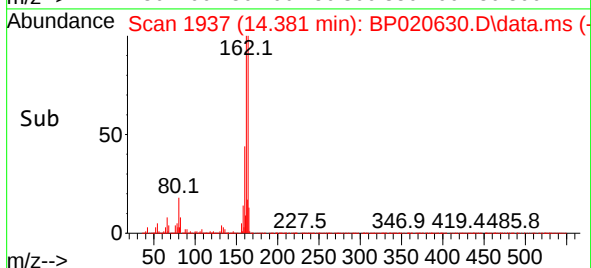
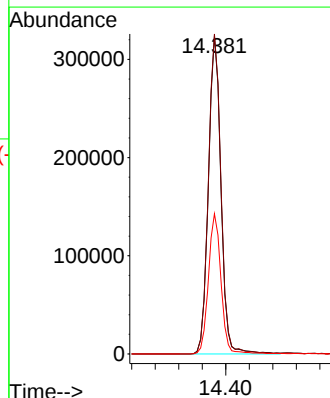
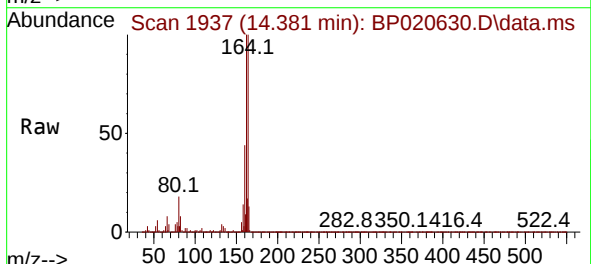
Instrument :
BNA_P
ClientSampleId :
WC-H

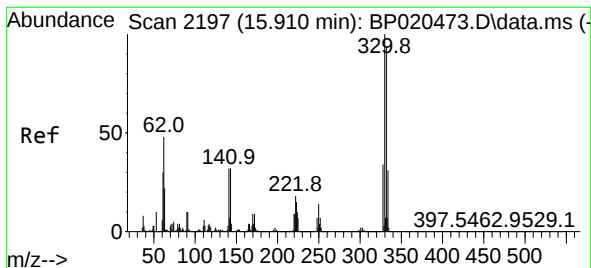
Tgt Ion: 82 Resp: 1104997
Ion Ratio Lower Upper
82 100
128 44.8 34.2 51.4
54 50.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:164 Resp: 477650
Ion Ratio Lower Upper
164 100
162 100.5 80.3 120.5
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 178.116 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

Instrument :

BNA_P

ClientSampleId :

WC-H

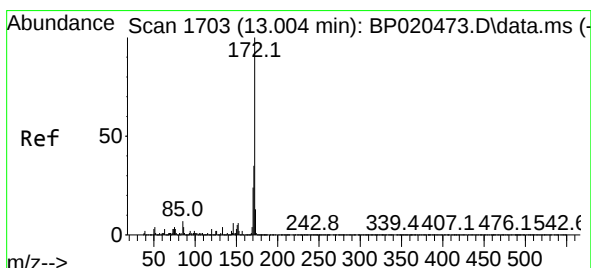
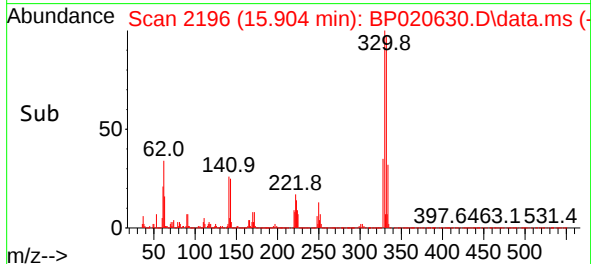
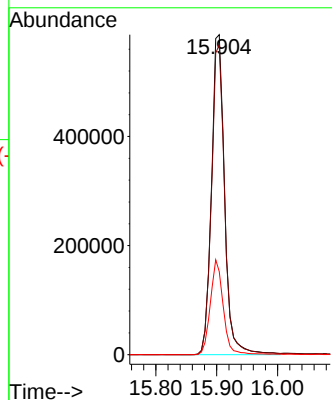
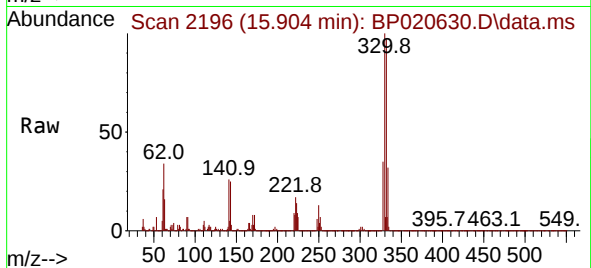
Tgt Ion:330 Resp: 882934

Ion Ratio Lower Upper

330 100

332 98.1 76.6 114.8

141 29.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 83.507 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

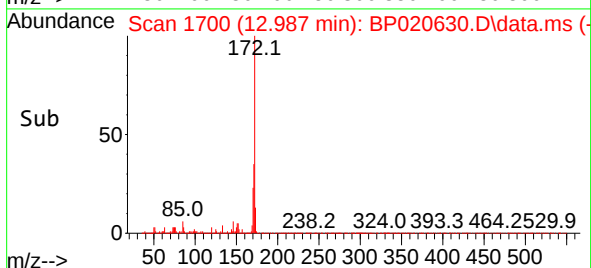
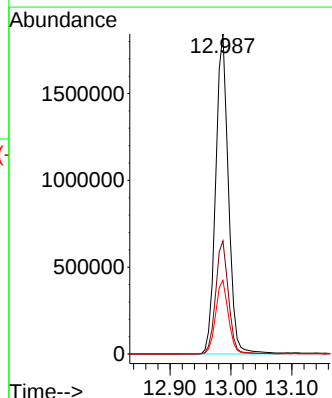
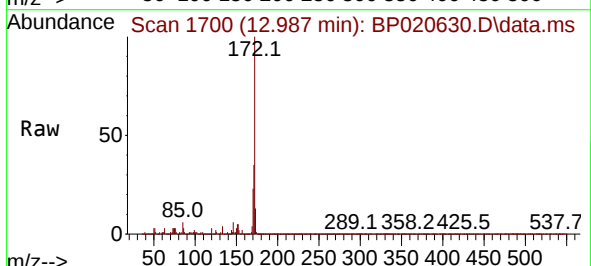
Tgt Ion:172 Resp: 2675668

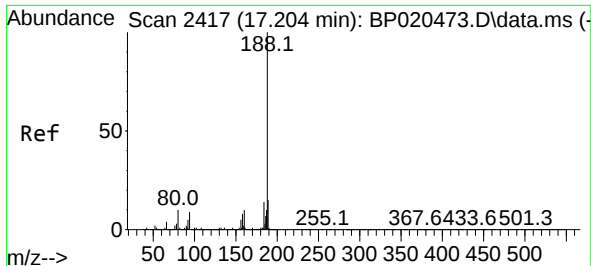
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.0 18.9 28.3

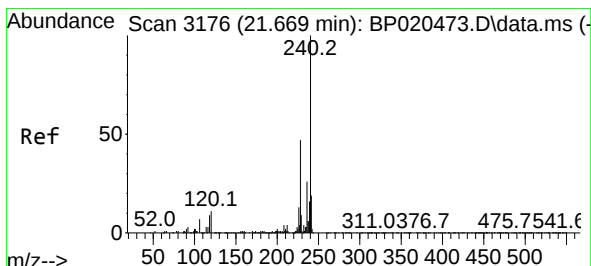
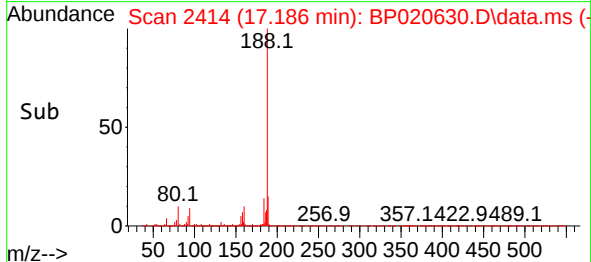
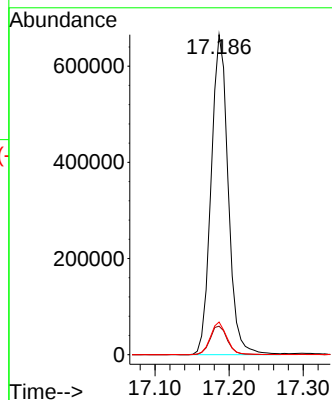
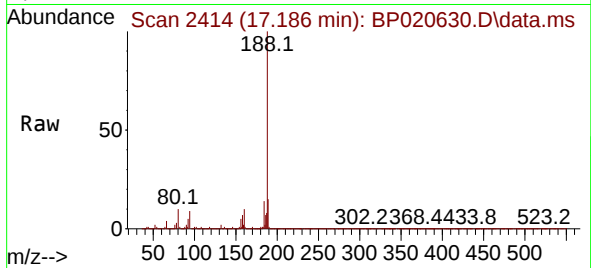




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

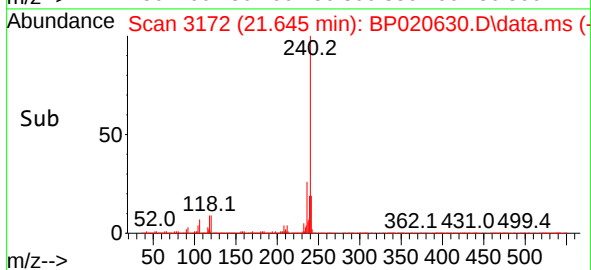
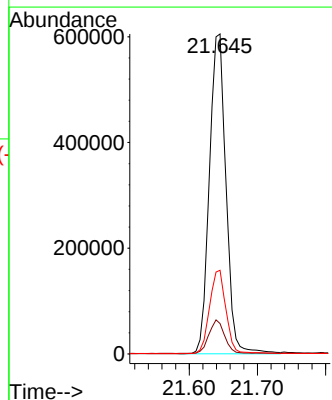
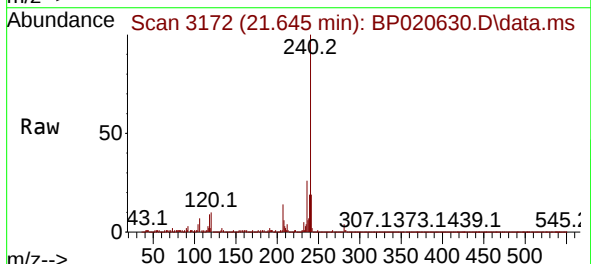
Instrument :
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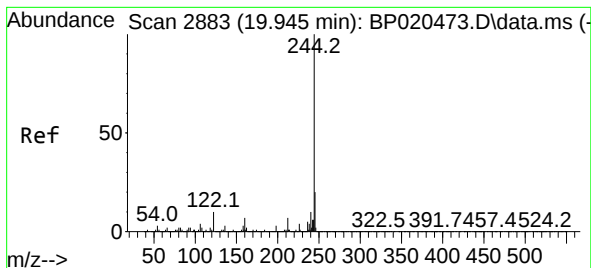
Tgt Ion:188 Resp: 1063164
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP020630.D
Acq: 14 Jun 2024 18:17

Tgt Ion:240 Resp: 1025779
Ion Ratio Lower Upper
240 100
120 9.5 8.5 12.7
236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 79.883 ng

RT: 19.928 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

Instrument :

BNA_P

ClientSampleId :

WC-H

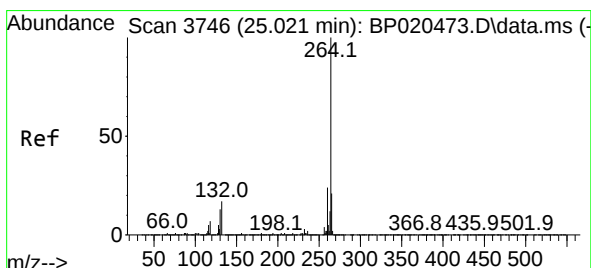
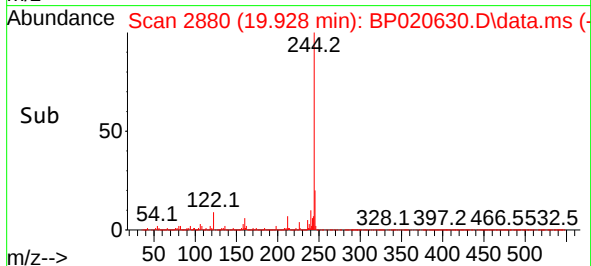
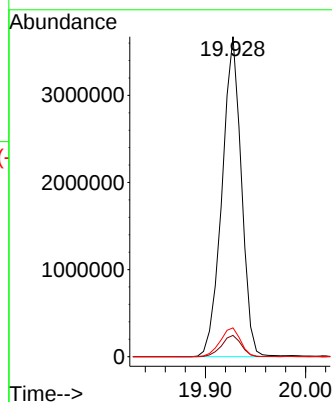
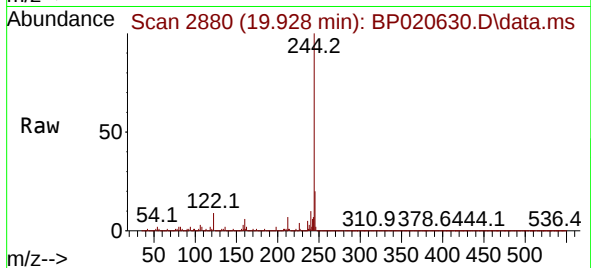
Tgt Ion:244 Resp: 4922277

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 9.0 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3741

Delta R.T. -0.029 min

Lab File: BP020630.D

Acq: 14 Jun 2024 18:17

Tgt Ion:264 Resp: 1198640

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 23.2 17.4 26.0

