

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020621.D
 Acq On : 13 Jun 2024 21:47
 Operator : MA/JU
 Sample : P2859-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-06122024

Quant Time: Jun 13 23:38:58 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	229453	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	903867	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	584809	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	1212598	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1052166	20.000	ng	-0.04
86) Perylene-d12	24.980	264	1232699	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	603009	47.054	ng	0.00
7) Phenol-d6	6.928	99	763751	42.259	ng	0.00
23) Nitrobenzene-d5	8.899	82	474047	28.709	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	349011	57.505	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	1180697	30.097	ng	-0.02
79) Terphenyl-d14	19.916	244	1839021	29.097	ng	-0.03

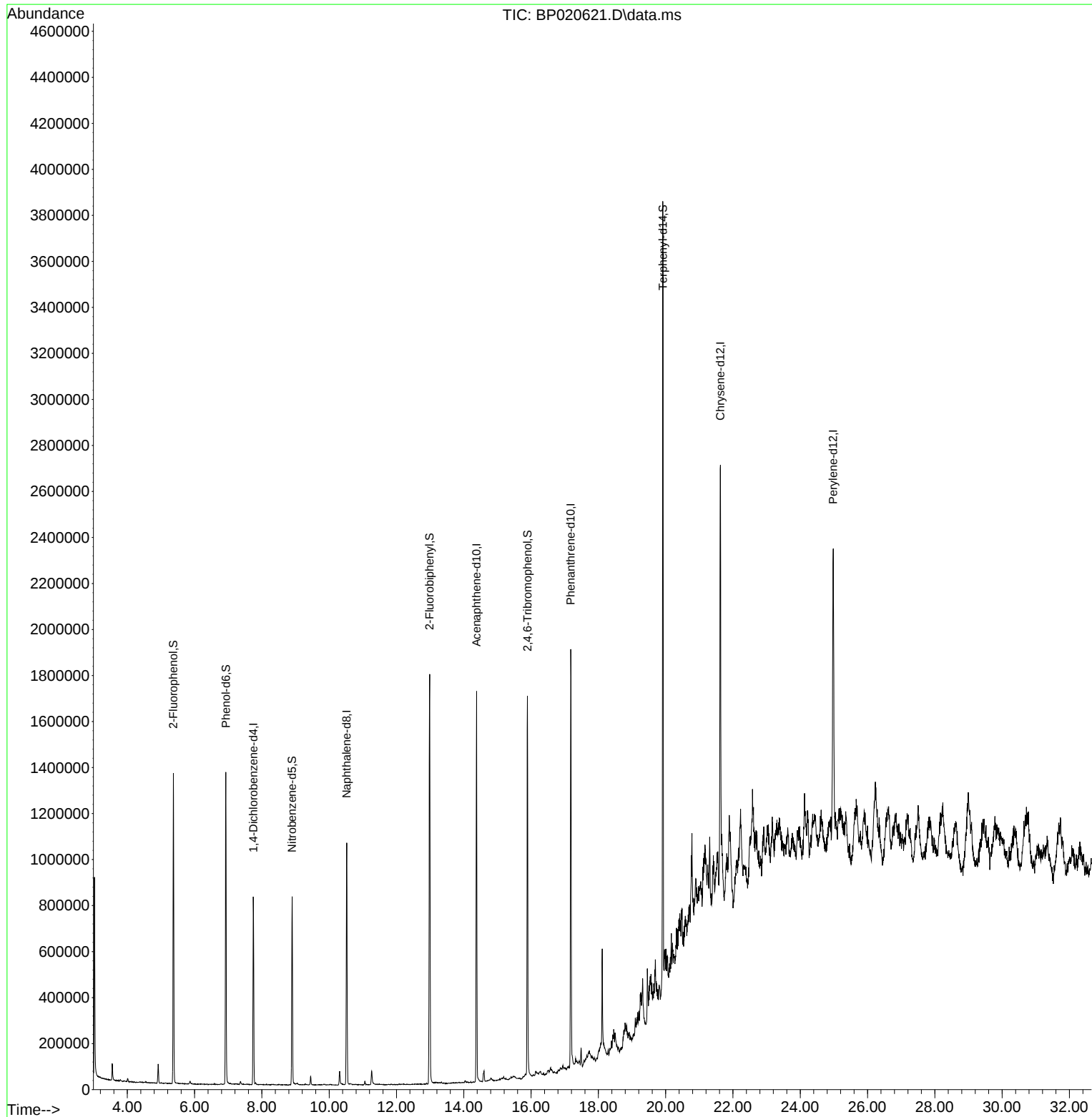
Target Compounds	Qvalue

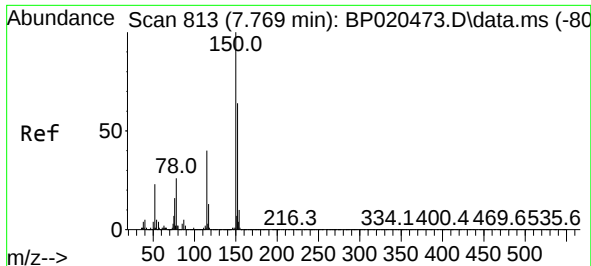
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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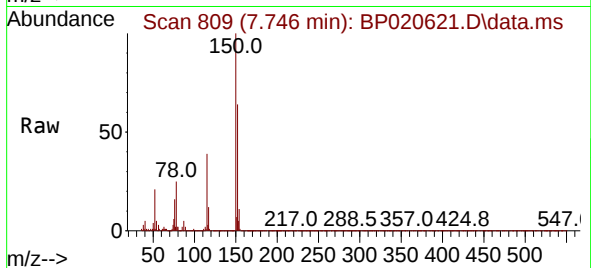
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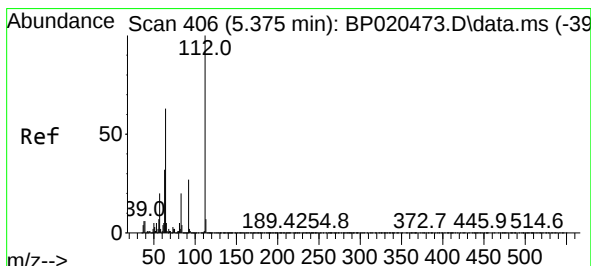
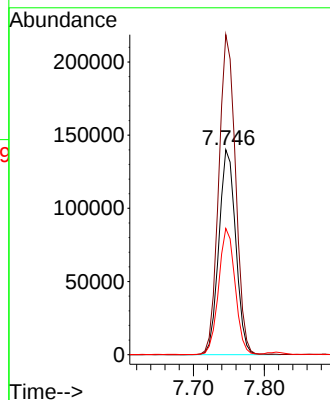
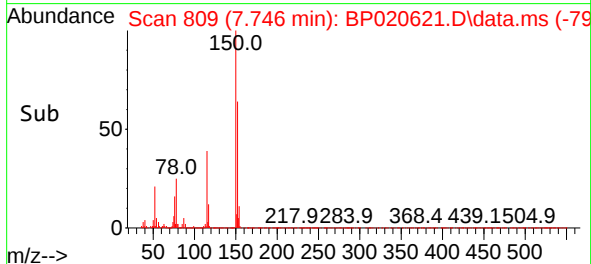


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

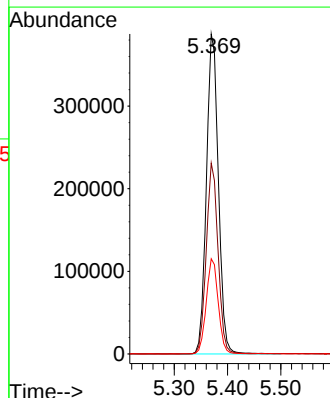
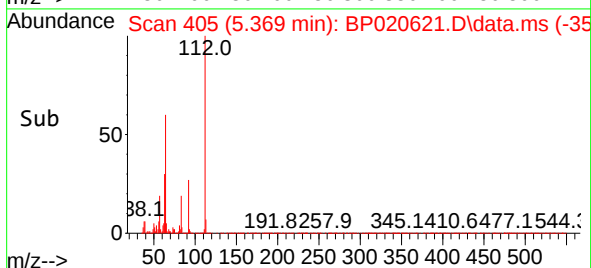
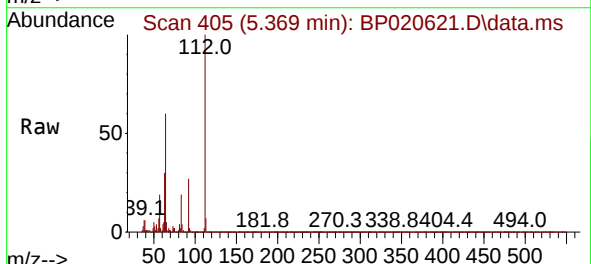


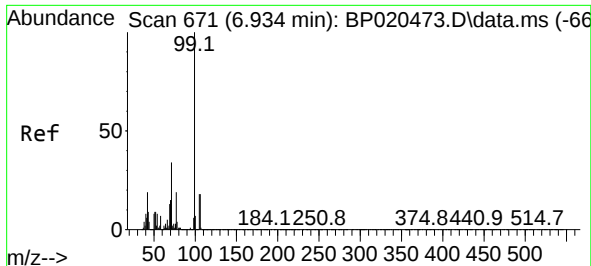
Tgt Ion:152 Resp: 229453
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 61.6 49.5 74.3



#5
2-Fluorophenol
Concen: 47.054 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Tgt Ion:112 Resp: 603009
Ion Ratio Lower Upper
112 100
64 59.6 50.1 75.1
63 29.8 25.7 38.5

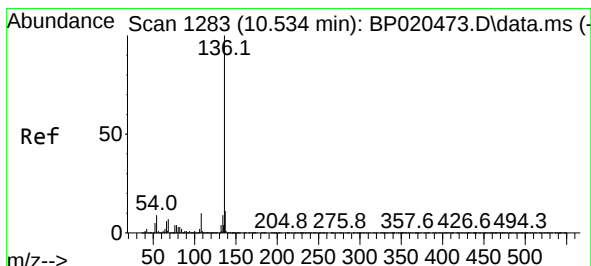
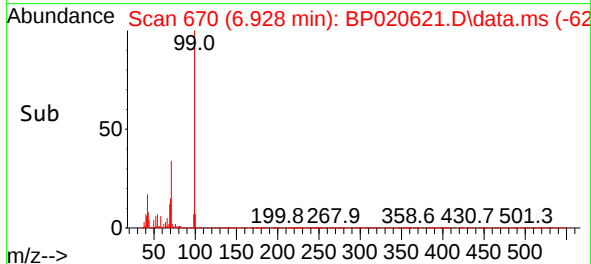
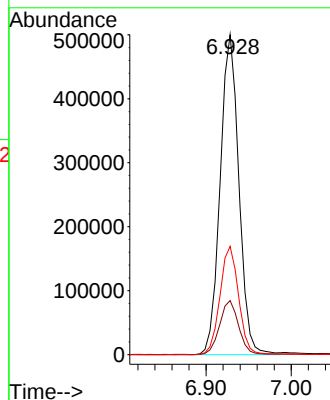
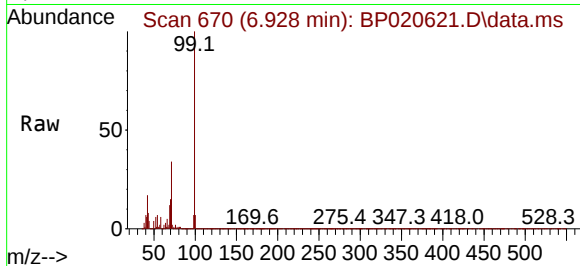




#7
Phenol-d6
Concen: 42.259 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

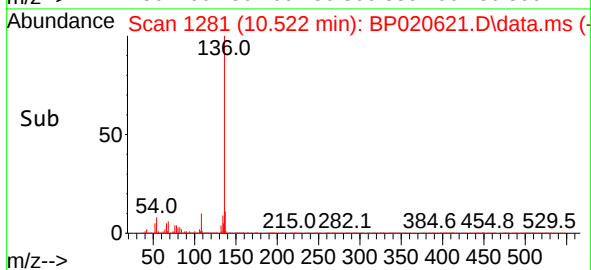
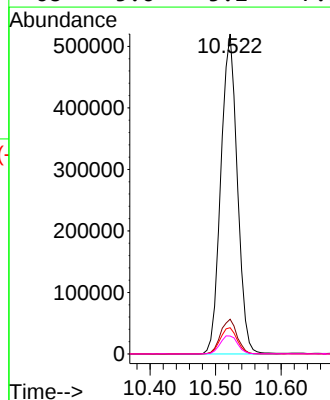
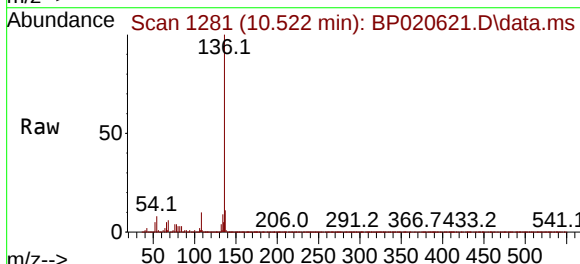
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

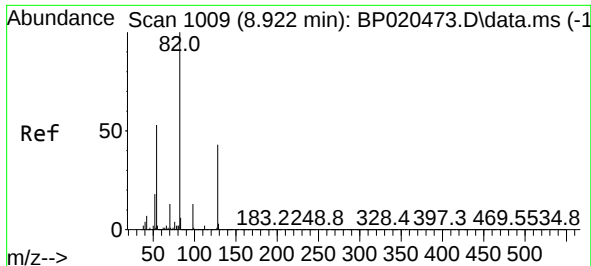
Tgt Ion: 99 Resp: 763751
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Tgt Ion: 136 Resp: 903867
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.2 7.4 11.0
68 5.6 5.2 7.8

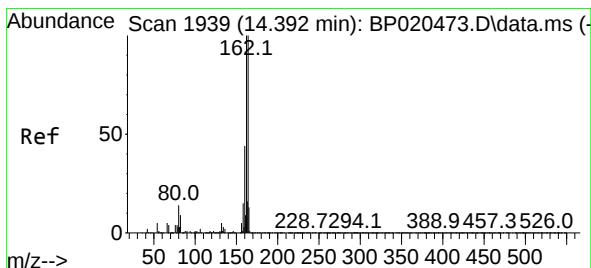
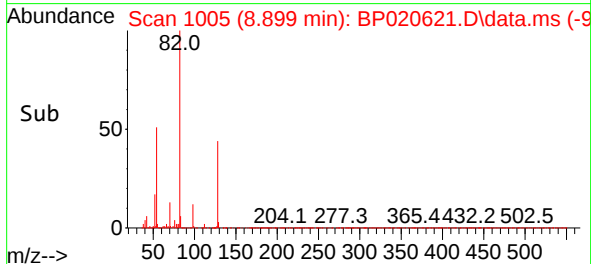
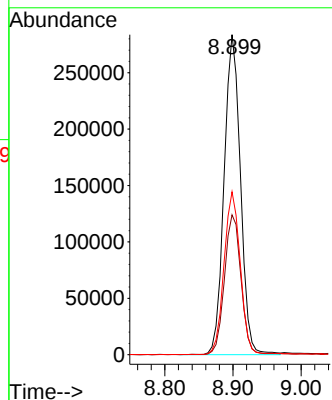
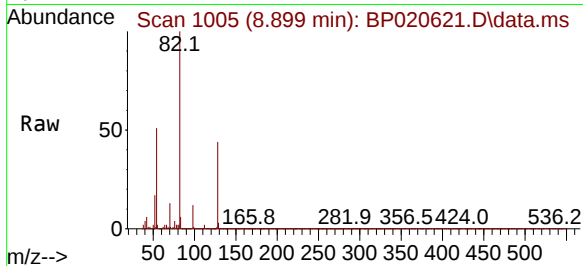




#23
Nitrobenzene-d5
Concen: 28.709 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

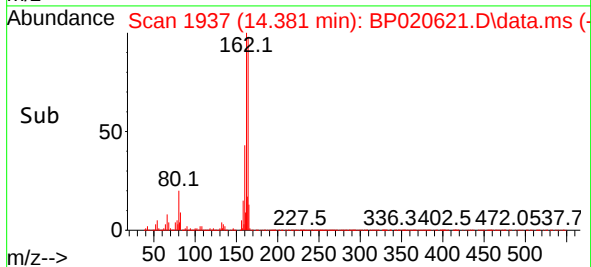
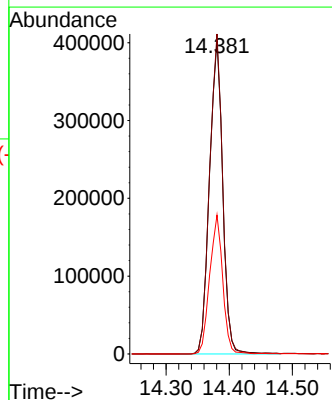
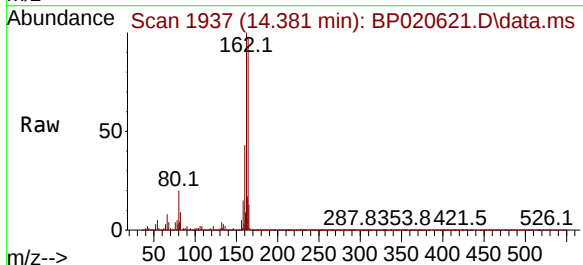
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

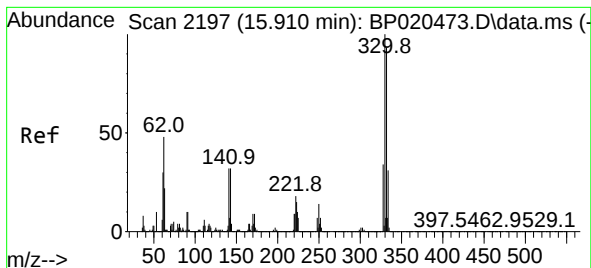
Tgt Ion: 82 Resp: 474047
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 50.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Tgt Ion:164 Resp: 584809
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 44.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 57.505 ng

RT: 15.892 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OK-02-06122024

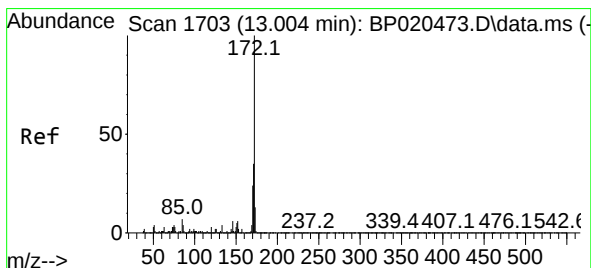
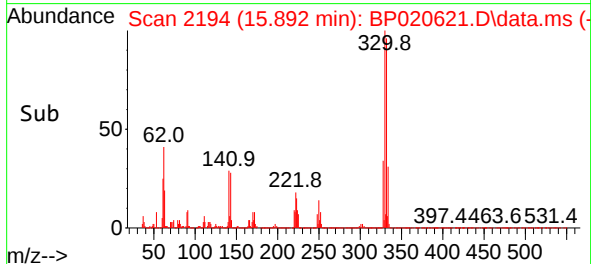
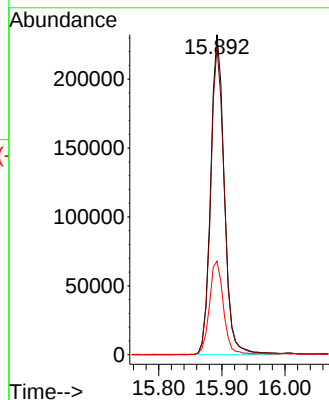
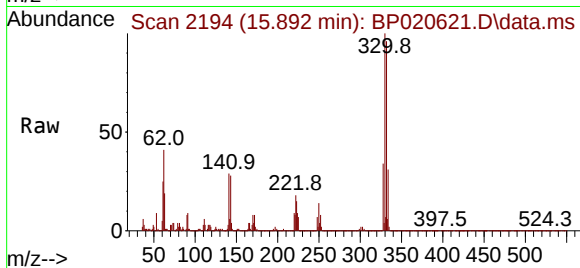
Tgt Ion:330 Resp: 349011

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

141 29.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 30.097 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

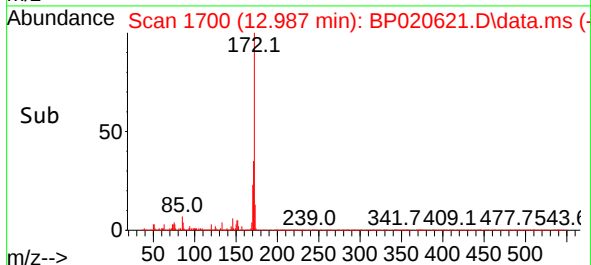
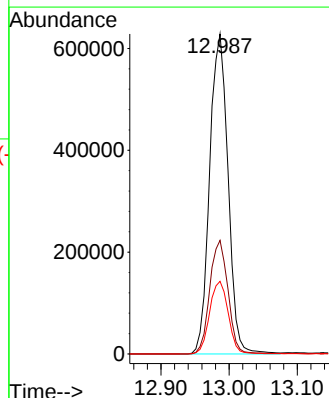
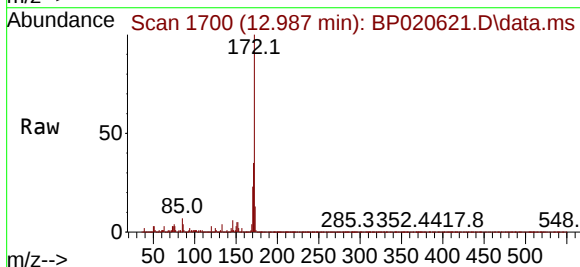
Tgt Ion:172 Resp: 1180697

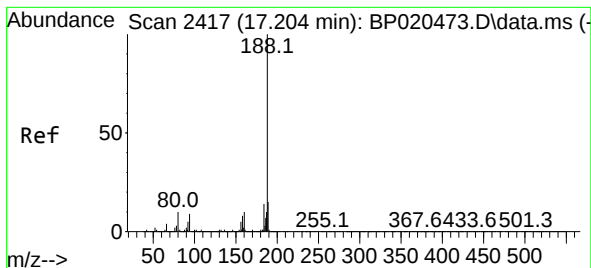
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 22.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2417

Delta R.T. -0.024 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OK-02-06122024

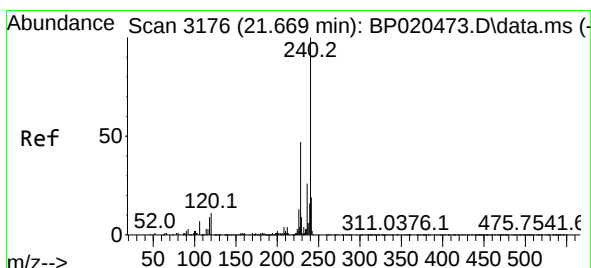
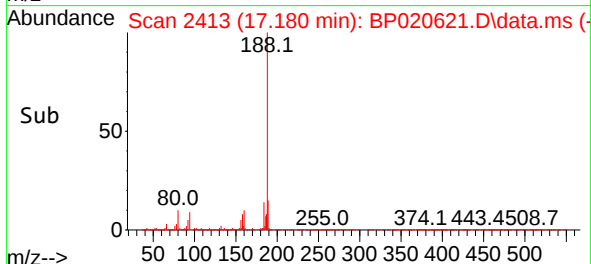
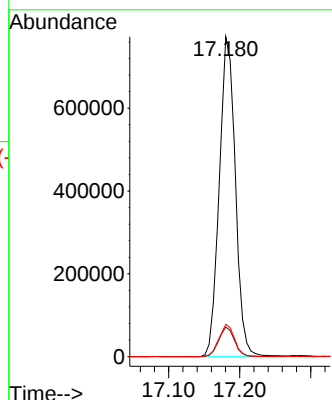
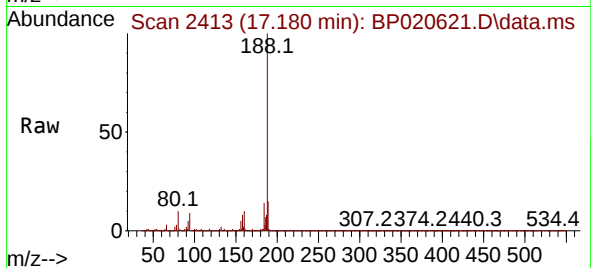
Tgt Ion:188 Resp: 1212598

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.627 min Scan# 3169

Delta R.T. -0.041 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

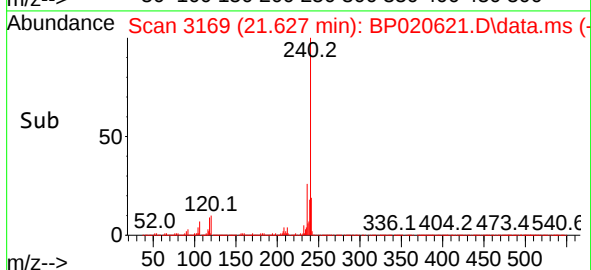
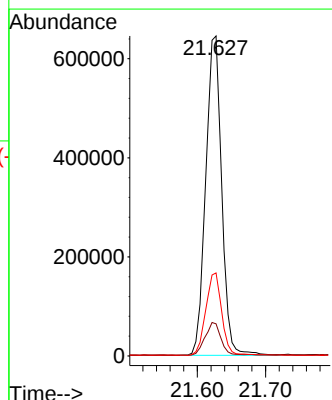
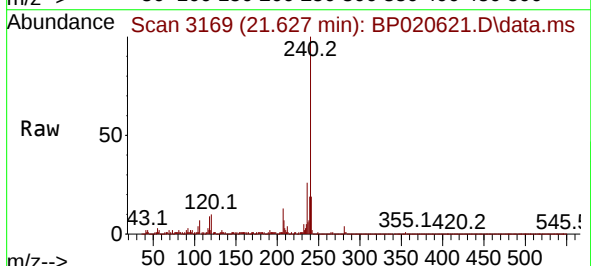
Tgt Ion:240 Resp: 1052166

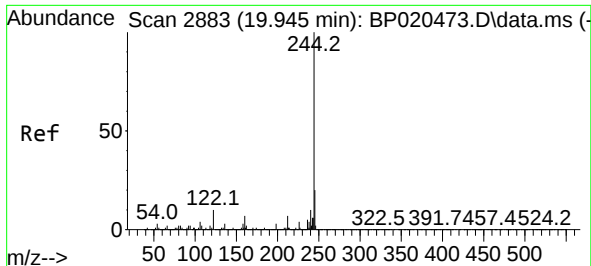
Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

236 26.0 20.5 30.7

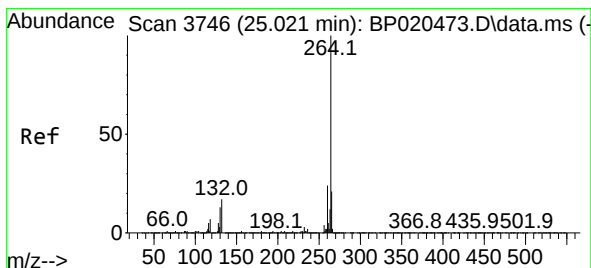
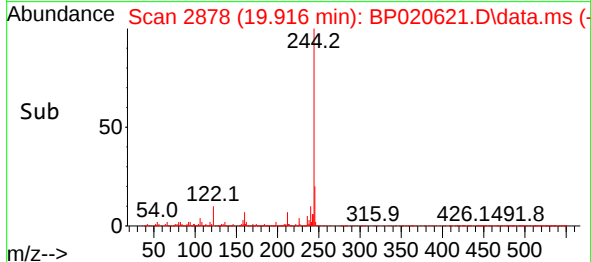
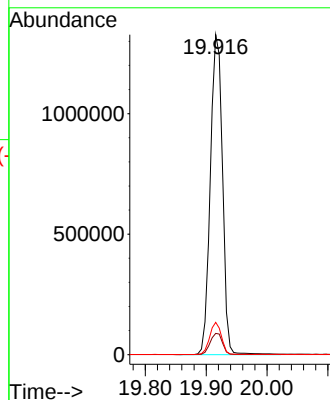
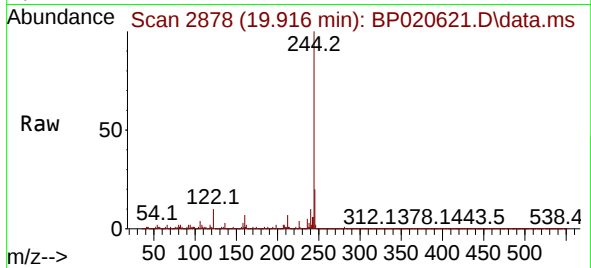




#79
Terphenyl-d14
Concen: 29.097 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

Tgt Ion:244 Resp: 1839021
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.1 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3739
Delta R.T. -0.041 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Tgt Ion:264 Resp: 1232699
Ion Ratio Lower Upper
264 100
260 24.0 18.9 28.3
265 22.5 17.4 26.0

