

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)

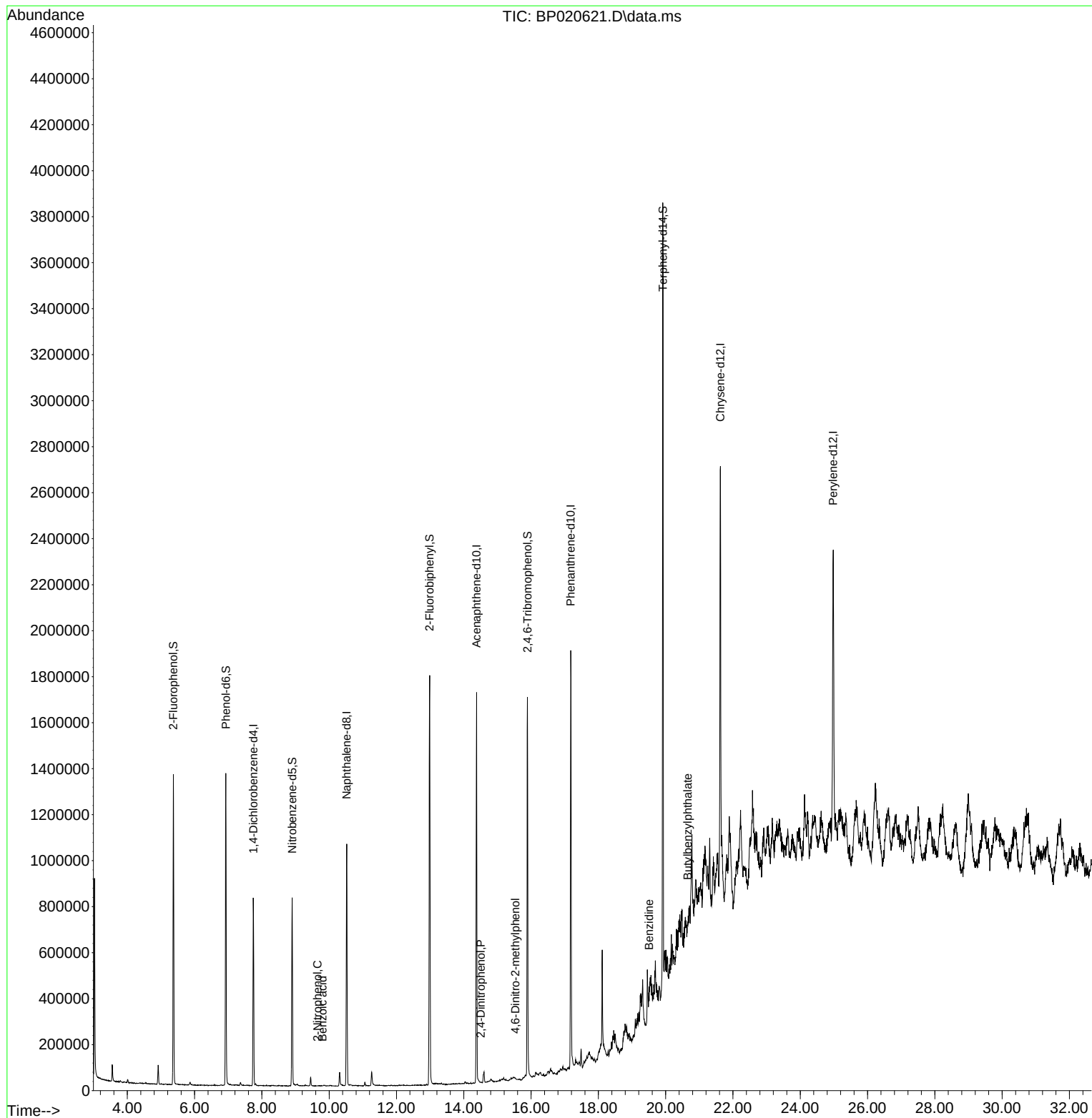
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	229453	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	903867	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	584809	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	1212598	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1052166	20.000	ng	-0.04
86) 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
26) 2-Nitrophenol	9.651	139	40	3.797	ng	# 1
32) Benzoic acid	9.799	122	194	6.866	ng	# 2
54) 2,4-Dinitrophenol	14.510	184	48	4.989	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	35	7.659	ng	# 1
77) Benzidine	19.504	184	236	5.976	ng	# 1
80) Butylbenzylphthalate	20.657	149	1990	2.490	ng	# 74

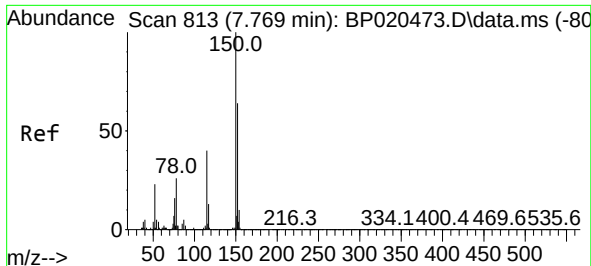
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

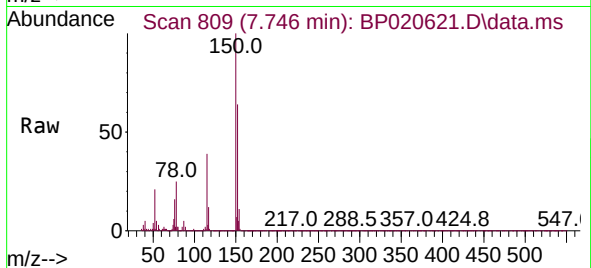
Quant Time: Jun 13 23:38:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration



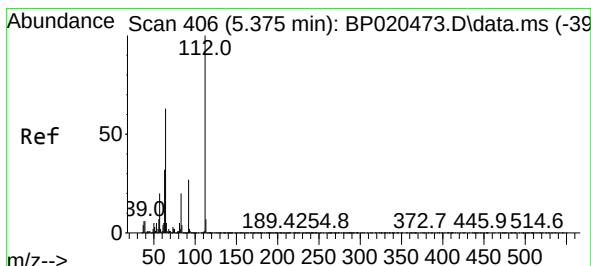
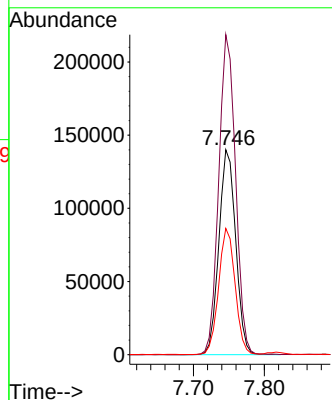
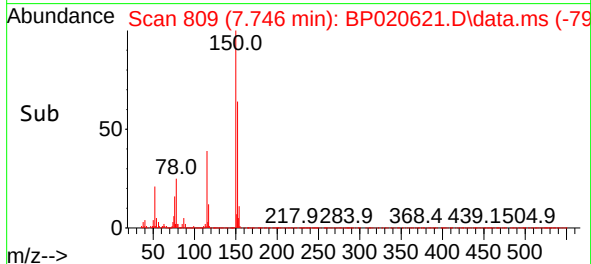


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 80
Delta R.T. -0.023 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

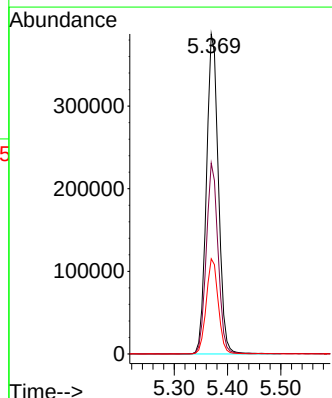
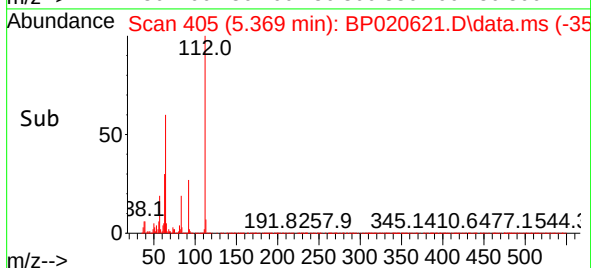
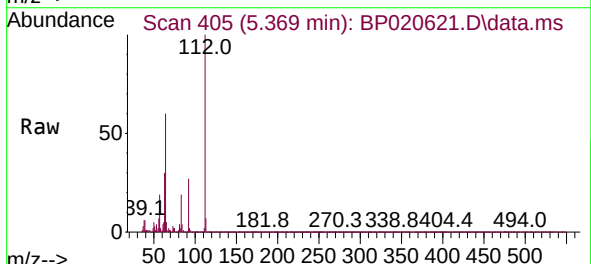


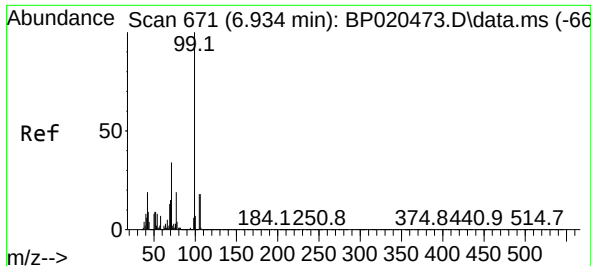
Tgt Ion:152 Resp: 229453
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 61.6 49.5 74.3



#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

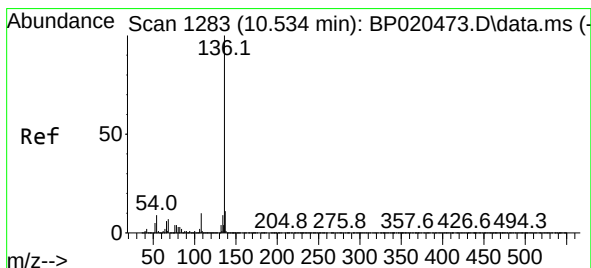
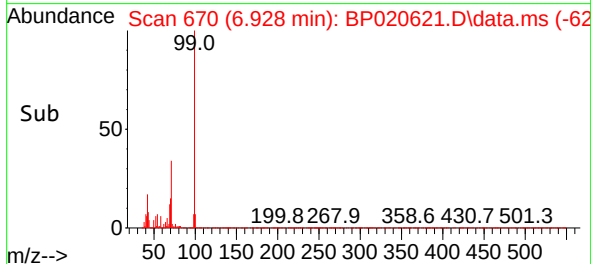
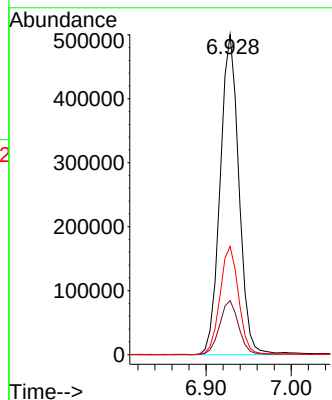
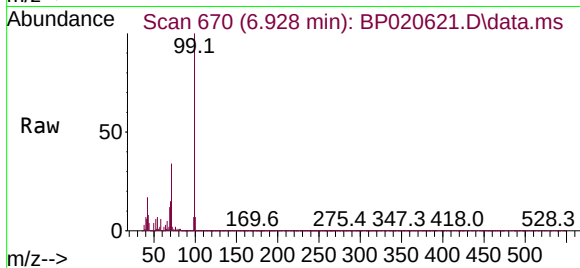




#7
Phenol-d6
Concen: 42.259 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

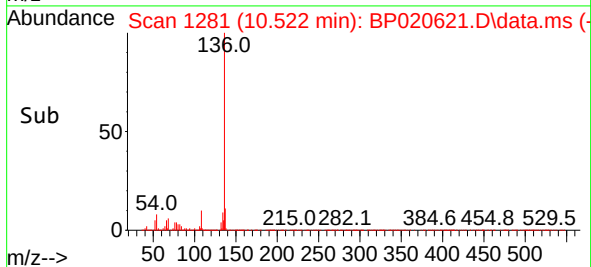
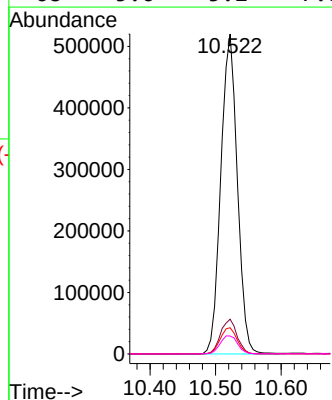
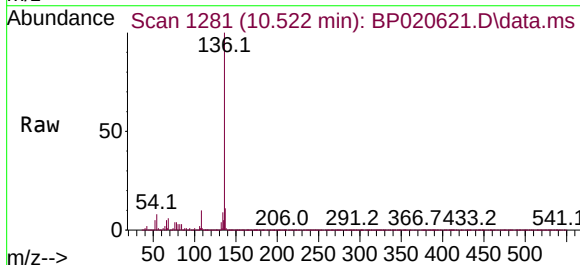
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

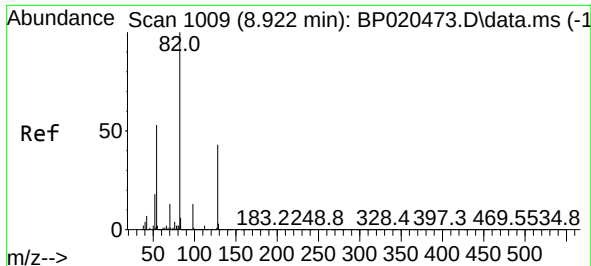
Tgt Ion: 99 Resp: 763751
Ion Ratio Lower Upper
99 100
42 16.9 15.0 22.4
71 33.9 27.3 40.9



#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

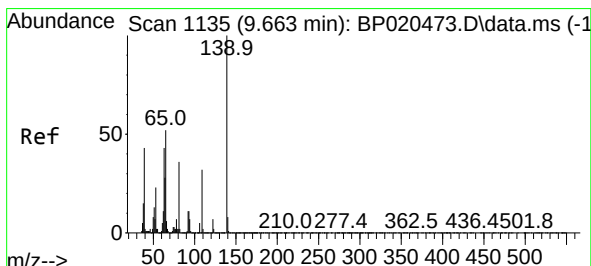
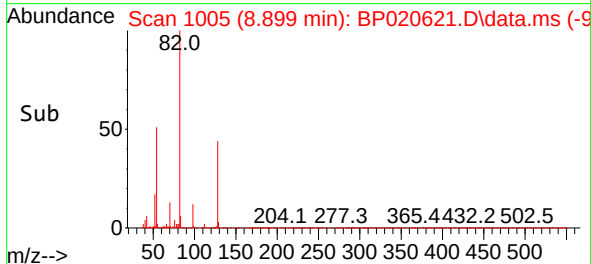
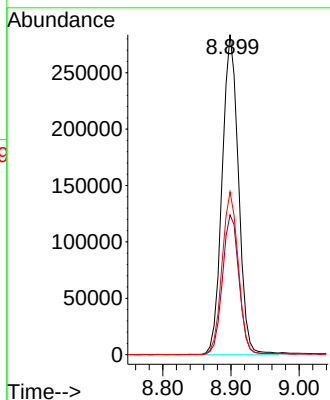
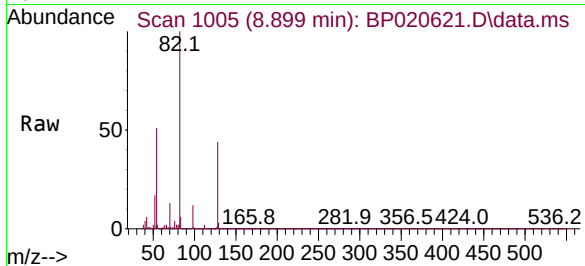




#23
Nitrobenzene-d5
Concen: 28.709 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

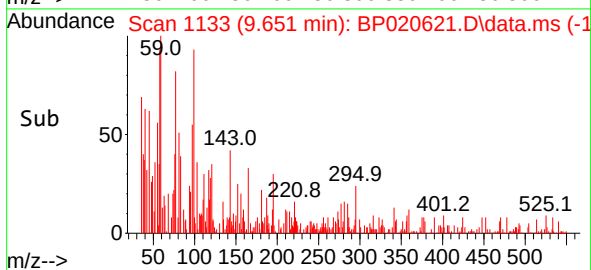
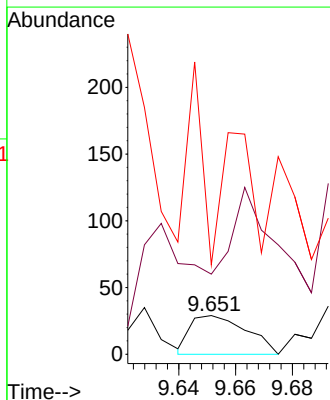
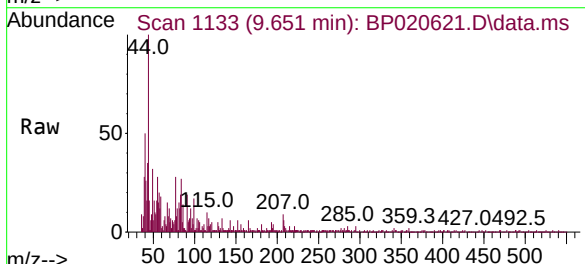
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

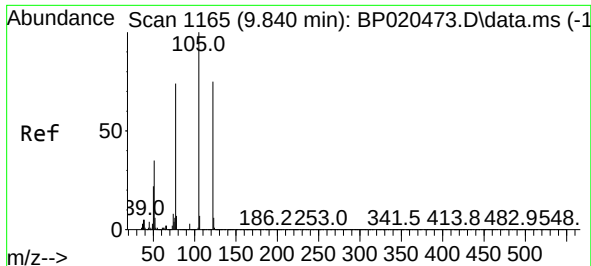
Tgt Ion: 82 Resp: 474047
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 50.9 42.7 64.1



#26
2-Nitrophenol
Concen: 3.797 ng
RT: 9.651 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

Tgt Ion:139 Resp: 40
Ion Ratio Lower Upper
139 100
109 206.9 25.8 38.8#
65 231.0 41.8 62.8#

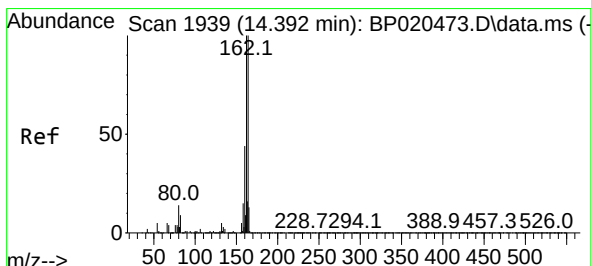
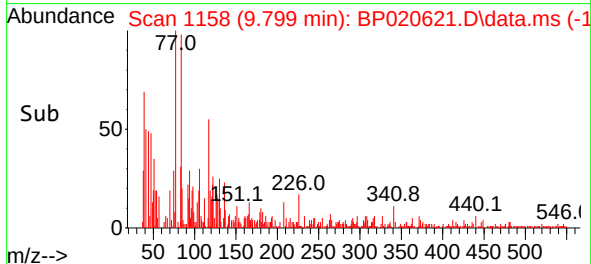
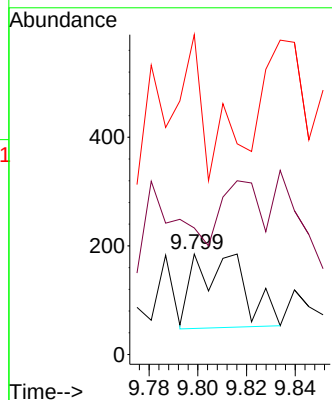
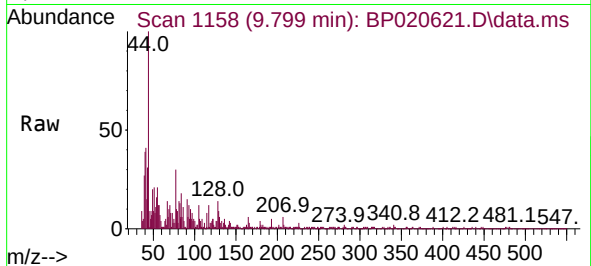




#32
Benzoic acid
Concen: 6.866 ng
RT: 9.799 min Scan# 1165
Delta R.T. -0.041 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

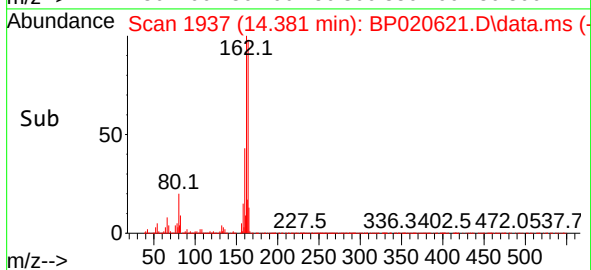
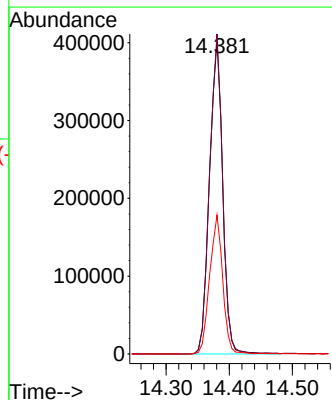
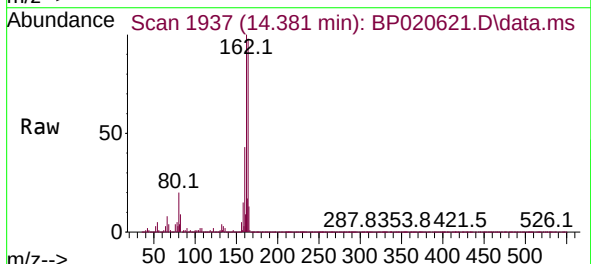
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

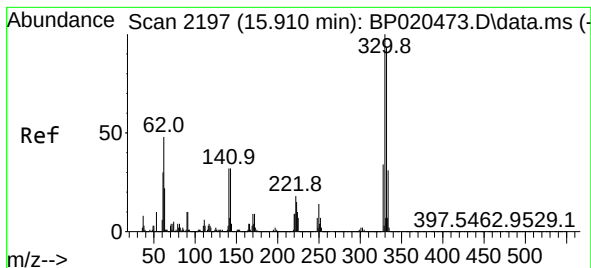
Tgt Ion:122 Resp: 194
Ion Ratio Lower Upper
122 100
105 125.9 107.5 147.5
77 318.4 76.1 116.1#



#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

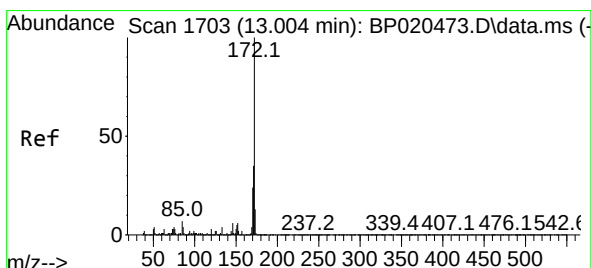
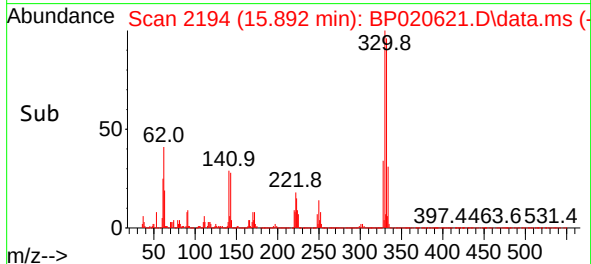
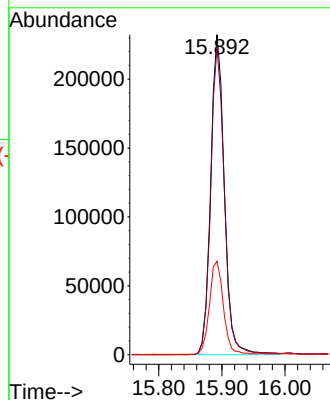
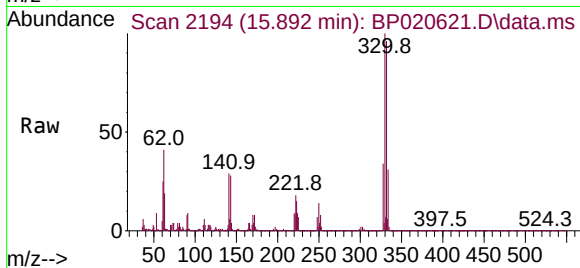
Tgt Ion:330 Resp: 349011

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

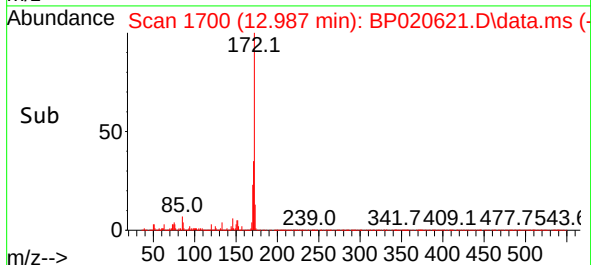
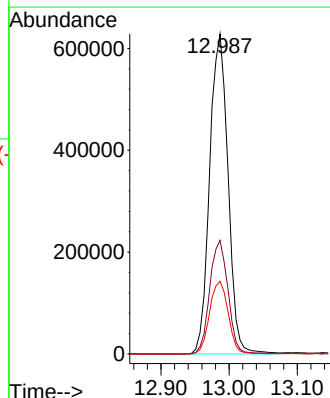
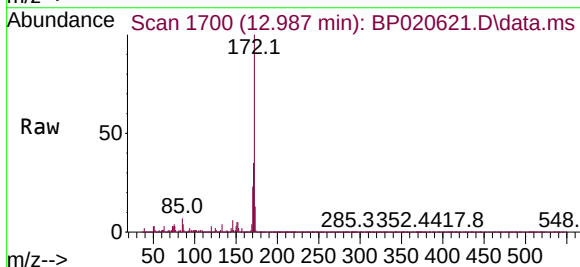
Tgt Ion:172 Resp: 1180697

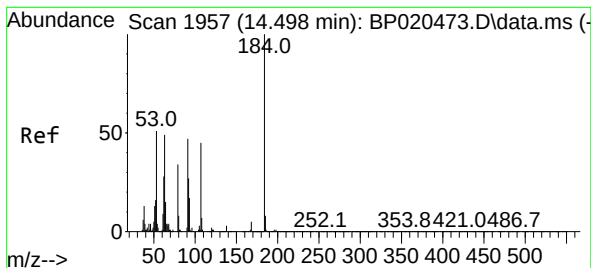
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 22.7 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.989 ng

RT: 14.510 min Scan# 1959

Delta R.T. 0.012 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OK-02-06122024

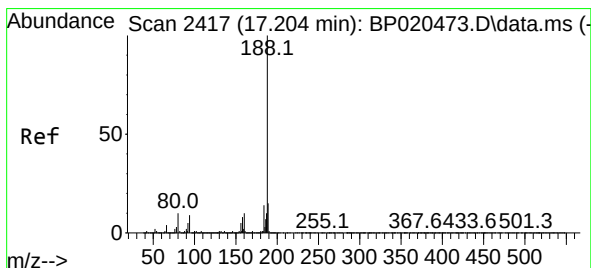
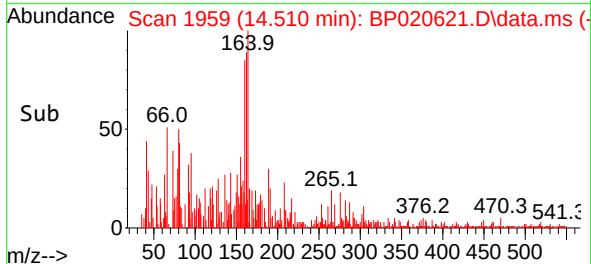
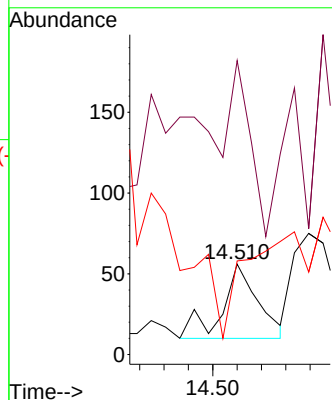
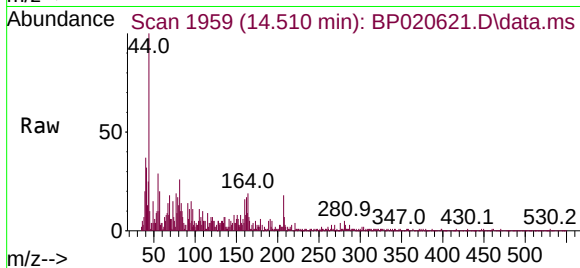
Tgt Ion:184 Resp: 48

Ion Ratio Lower Upper

184 100

63 325.0 54.2 81.4#

154 103.6 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2413

Delta R.T. -0.024 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

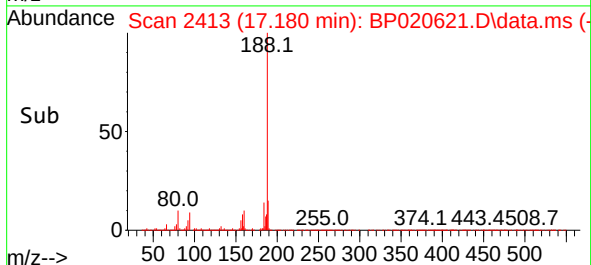
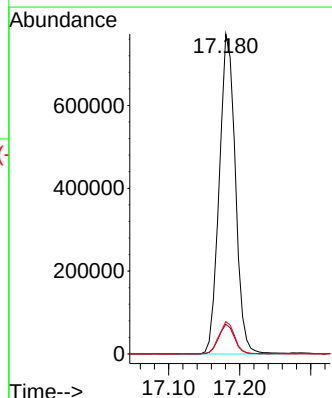
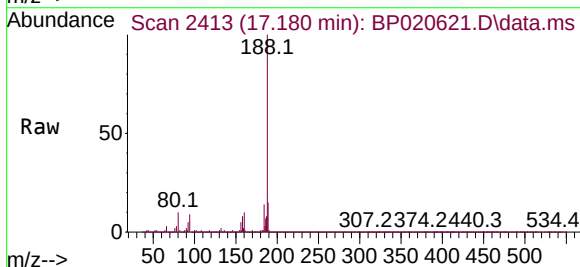
Tgt Ion:188 Resp: 1212598

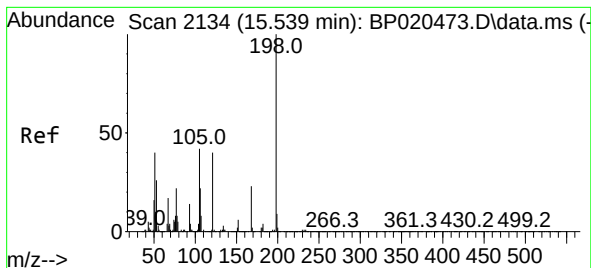
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.1 8.1 12.1

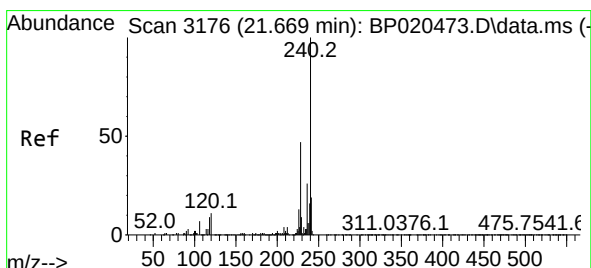
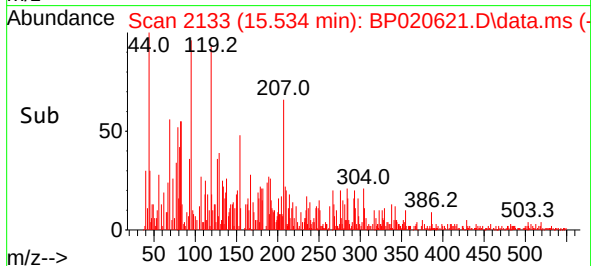
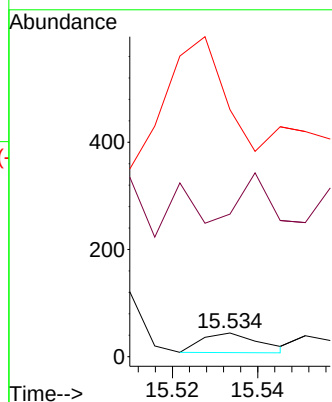
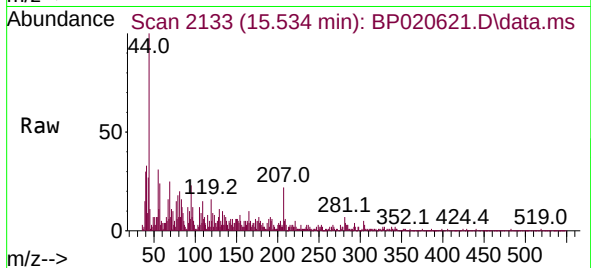




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020621.D
Acq: 13 Jun 2024 21:47

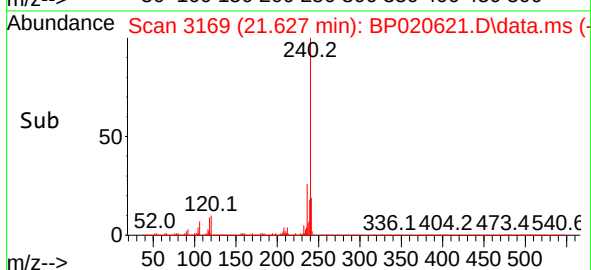
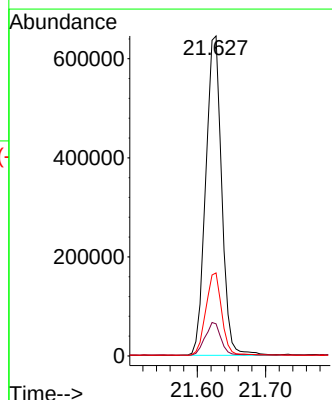
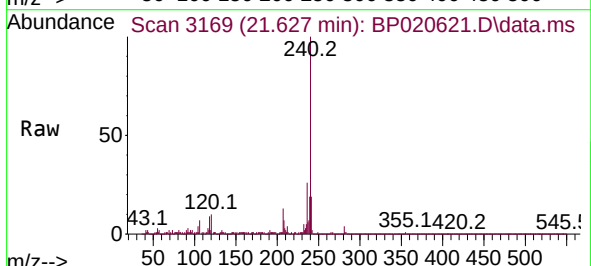
Instrument :
BNA_P
ClientSampleId :
OK-02-06122024

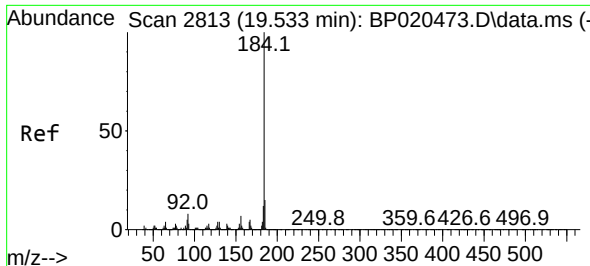
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 604.5 24.8 64.8#
105 1047.7 23.2 63.2#



#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





#77

Benzidine

Concen: 5.976 ng

RT: 19.504 min Scan# 2813

Delta R.T. -0.029 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

Instrument :

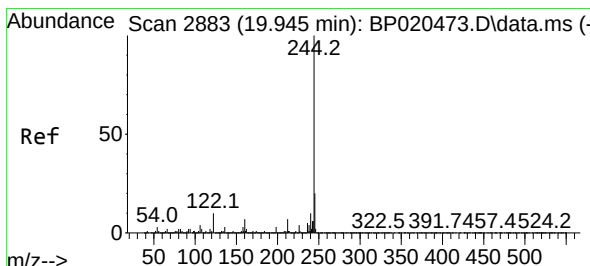
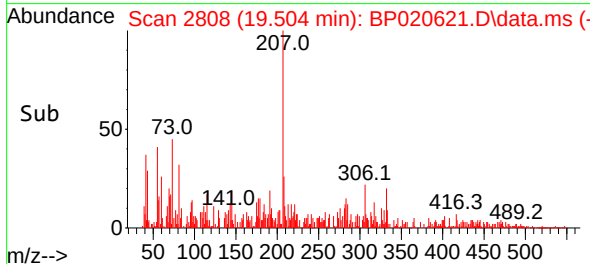
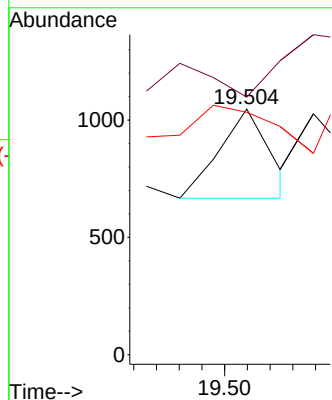
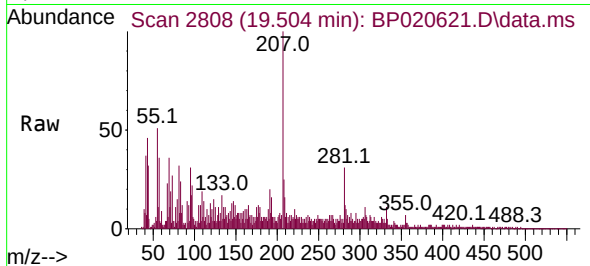
BNA_P

ClientSampleId :

OK-02-06122024

Tgt Ion:184 Resp: 236

Ion	Ratio	Lower	Upper
184	100		
185	104.9	12.0	18.0#
183	98.7	9.4	14.0#



#79

Terphenyl-d14

Concen: 29.097 ng

RT: 19.916 min Scan# 2878

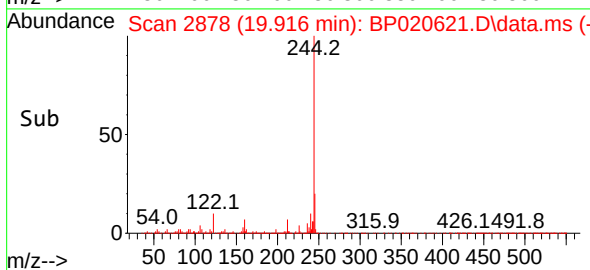
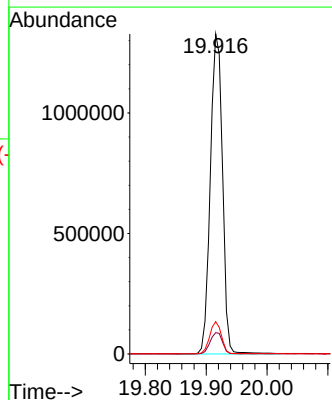
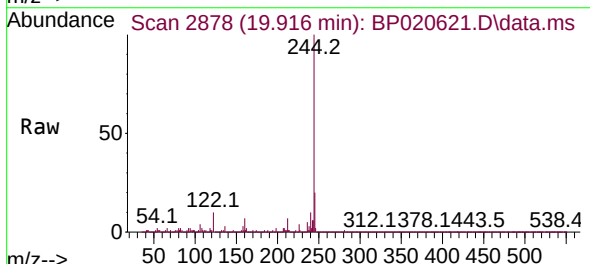
Delta R.T. -0.029 min

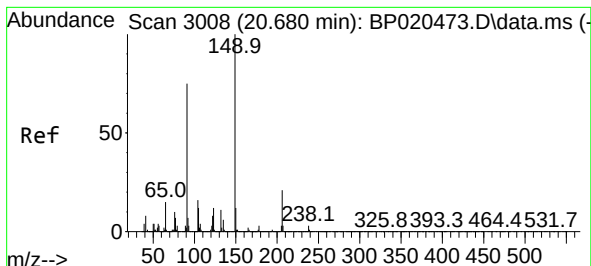
Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

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





#80

Butylbenzylphthalate

Concen: 2.490 ng

RT: 20.657 min Scan# 3004

Delta R.T. -0.023 min

Lab File: BP020621.D

Acq: 13 Jun 2024 21:47

Instrument :

BNA_P

ClientSampleId :

OK-02-06122024

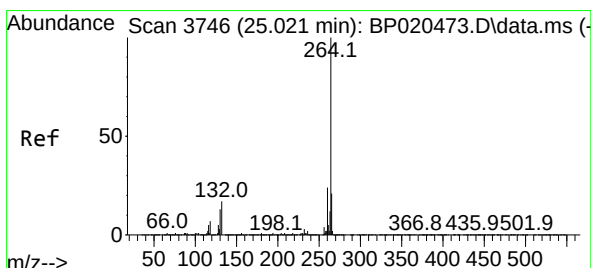
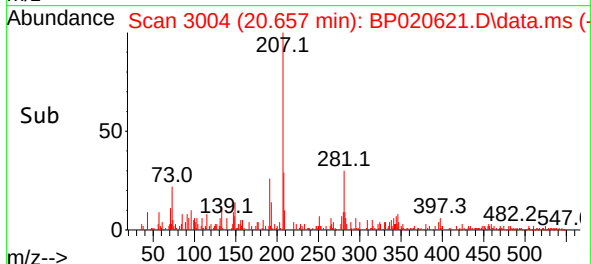
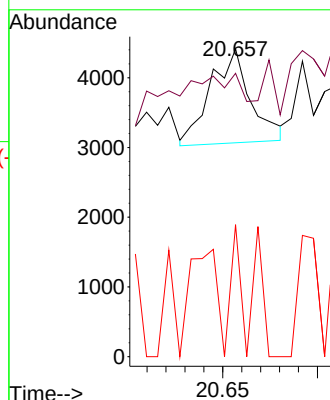
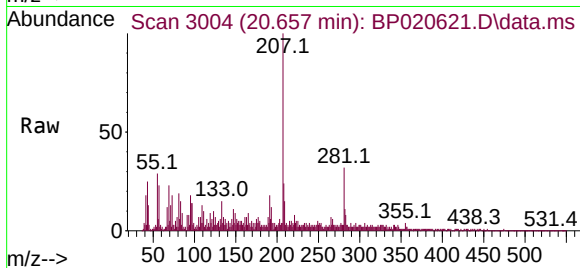
Tgt Ion:149 Resp: 1990

Ion Ratio Lower Upper

149 100

91 92.0 60.0 90.0#

206 42.9 16.6 25.0#



#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

