

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060424\
 Data File : BP020509.D
 Acq On : 05 Jun 2024 00:06
 Operator : MA/JU
 Sample : P2689-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-05312024

Quant Time: Jun 05 01:27:52 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)

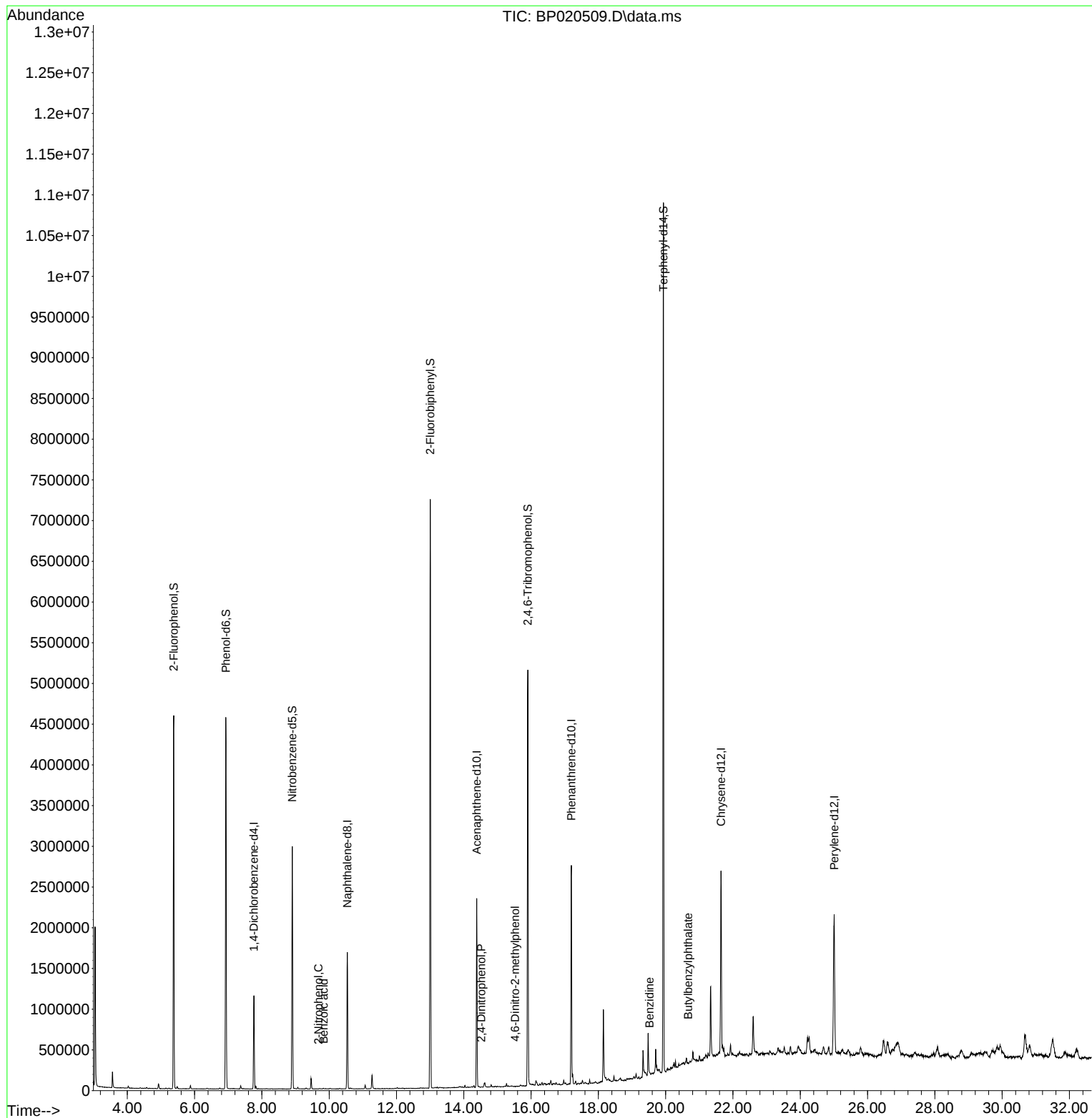
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	321175	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1323465	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	811843	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1646526	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1459117	20.000	ng	-0.02
86) Perylene-d12	25.009	264	1662415	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1994453	111.185	ng	0.00
7) Phenol-d6	6.928	99	2702429	106.826	ng	0.00
23) Nitrobenzene-d5	8.904	82	1626881	67.290	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1058822	125.671	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3838408	70.482	ng	0.00
79) Terphenyl-d14	19.933	244	5765576	65.780	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.681	139	25	3.794	ng	# 1
32) Benzoic acid	9.840	122	78	6.853	ng	# 26
54) 2,4-Dinitrophenol	14.522	184	18	4.978	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	30	7.657	ng	# 1
77) Benzidine	19.522	184	639	5.981	ng	# 1
80) Butylbenzylphthalate	20.669	149	1052	2.454	ng	# 58

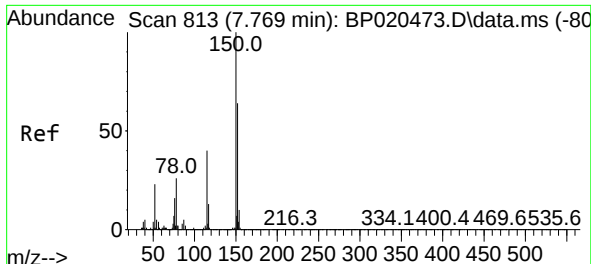
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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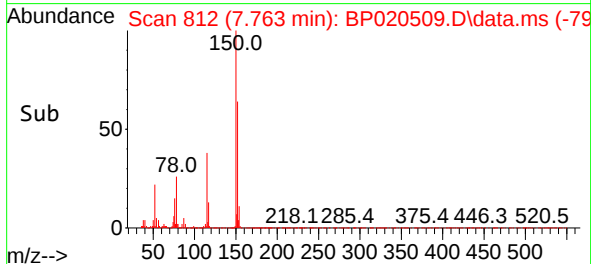
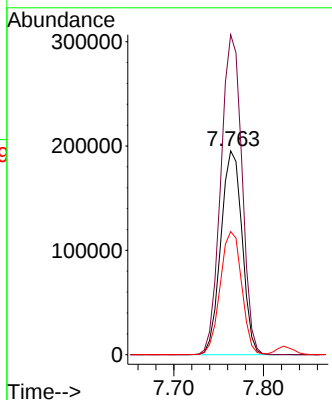
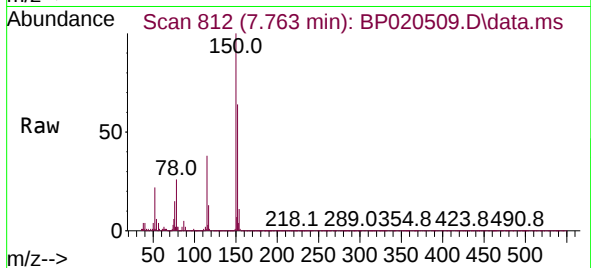




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

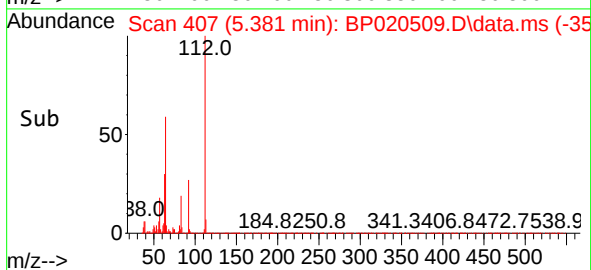
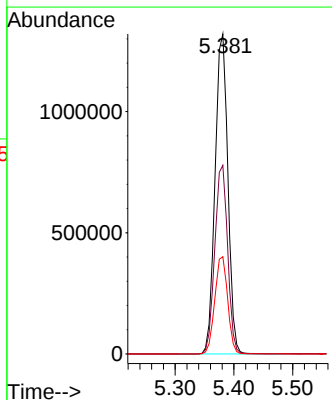
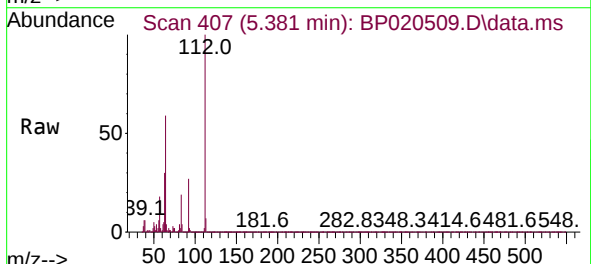
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

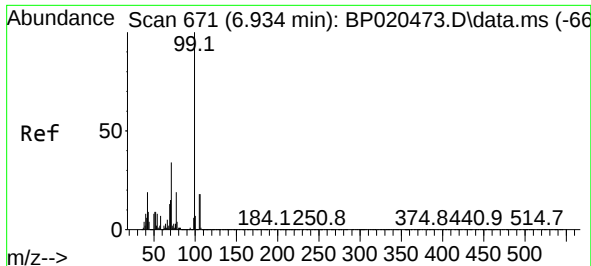
Tgt Ion:152 Resp: 321175
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 60.4 49.5 74.3



#5
2-Fluorophenol
Concen: 111.185 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

Tgt Ion:112 Resp: 1994453
Ion Ratio Lower Upper
112 100
64 58.9 50.1 75.1
63 30.4 25.7 38.5

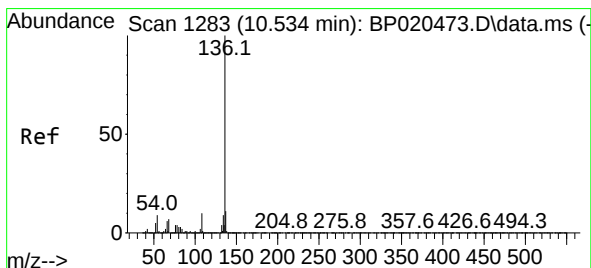
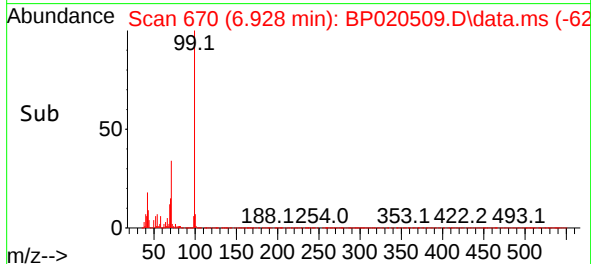
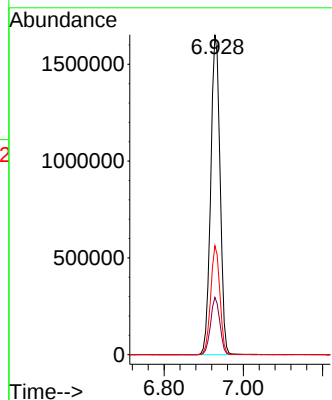
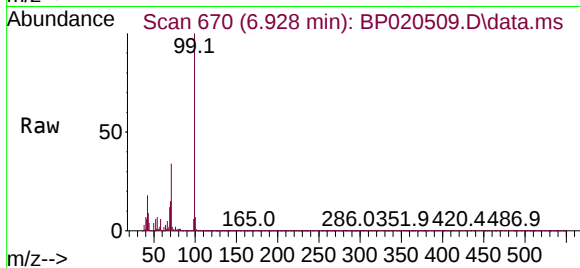




#7
Phenol-d6
Concen: 106.826 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

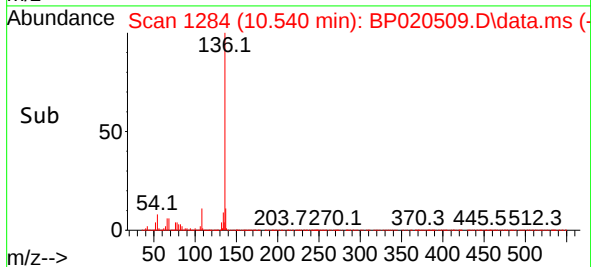
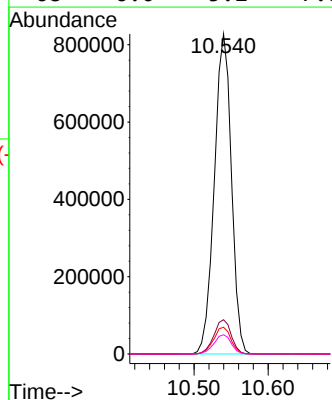
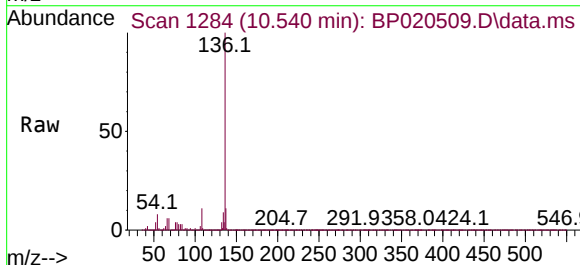
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

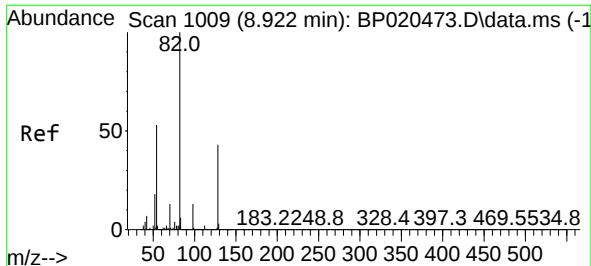
Tgt Ion: 99 Resp: 2702429
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 34.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

Tgt Ion:136 Resp: 1323465
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 7.4 11.0
68 6.0 5.2 7.8

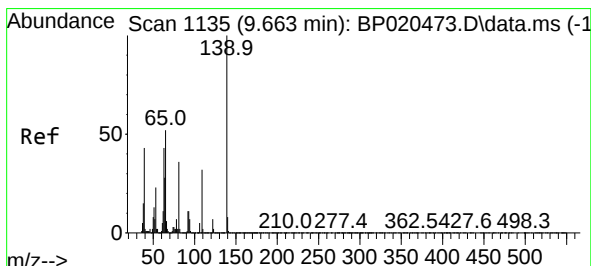
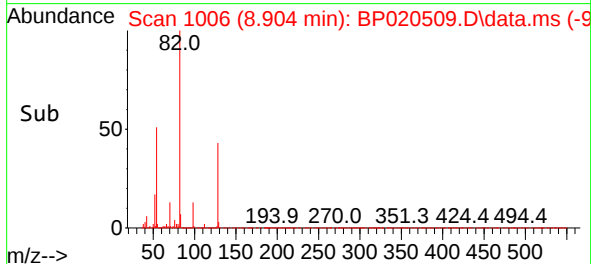
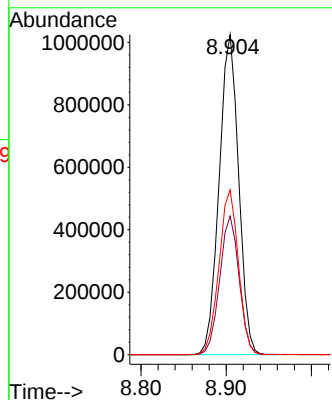
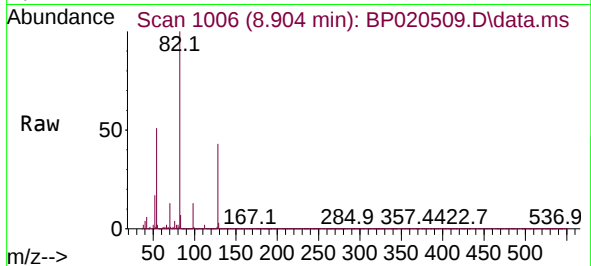




#23
Nitrobenzene-d5
Concen: 67.290 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

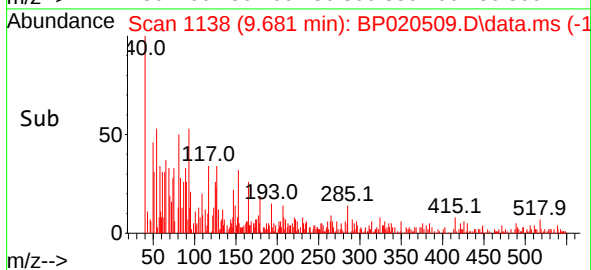
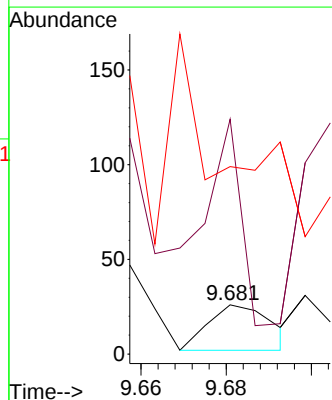
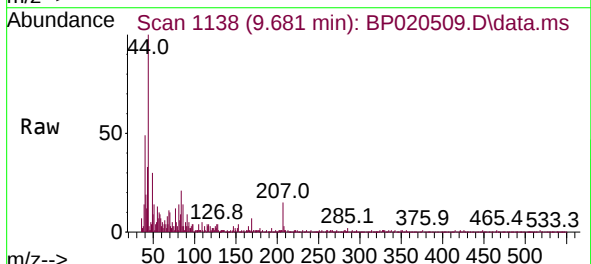
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

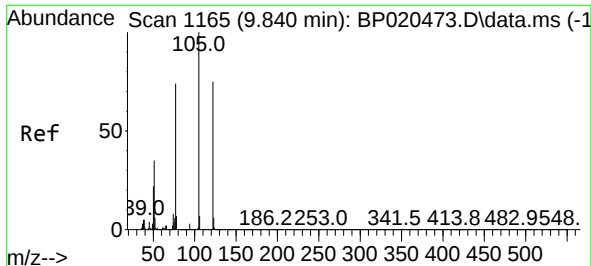
Tgt Ion: 82 Resp: 1626881
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 51.4 42.7 64.1



#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.018 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

Tgt Ion: 139 Resp: 25
Ion Ratio Lower Upper
139 100
109 476.9 25.8 38.8#
65 380.8 41.8 62.8#

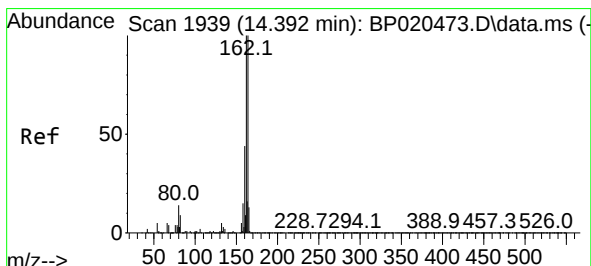
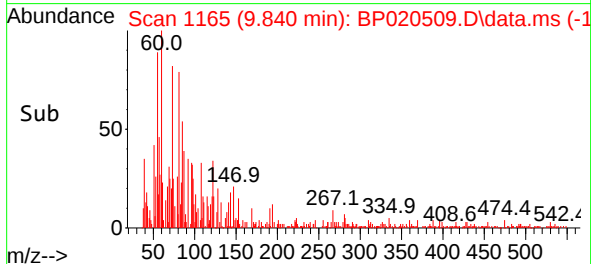
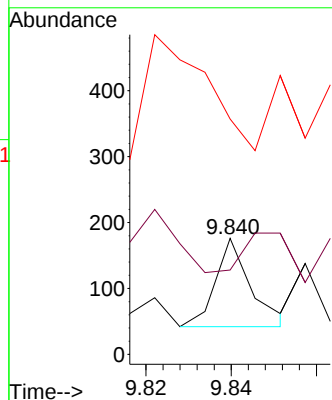
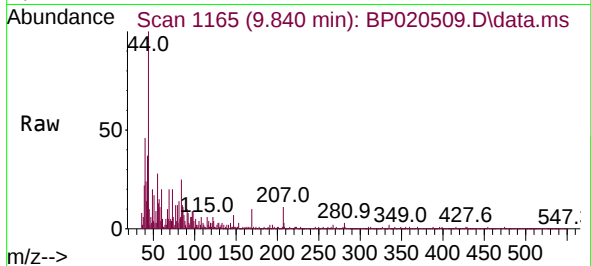




#32
Benzoic acid
Concen: 6.853 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

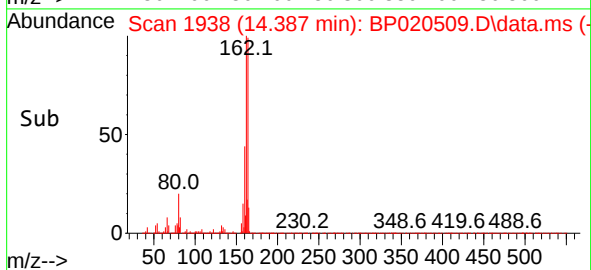
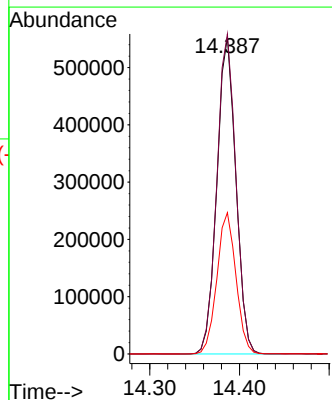
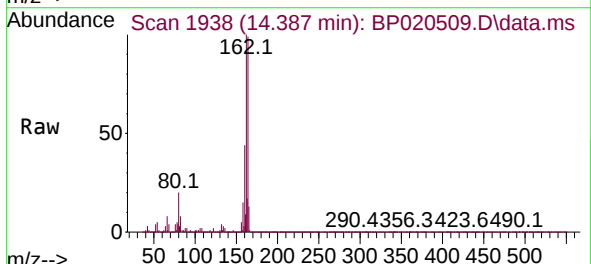
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

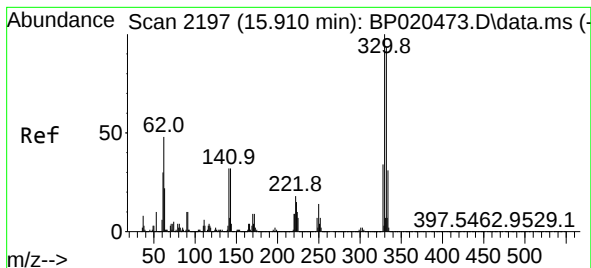
Tgt Ion:122 Resp: 78
Ion Ratio Lower Upper
122 100
105 72.7 107.5 147.5#
77 202.8 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

Tgt Ion:164 Resp: 811843
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.6 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 125.671 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

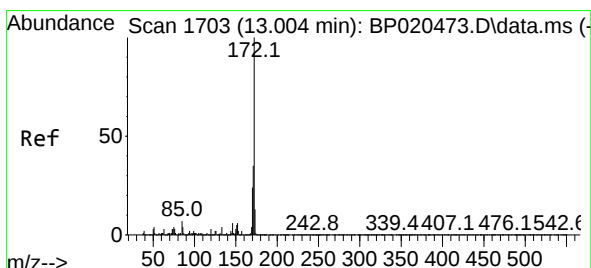
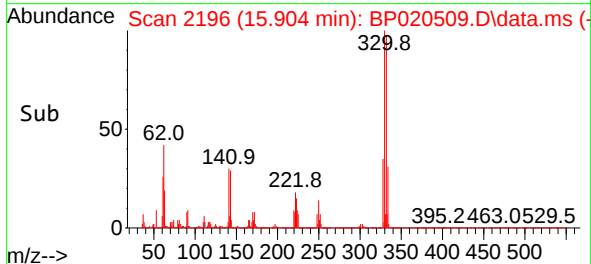
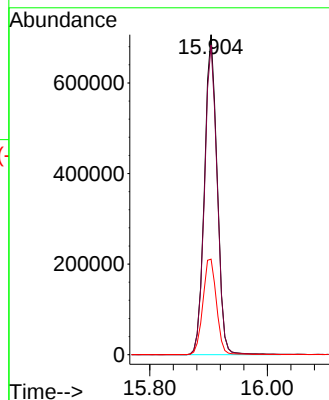
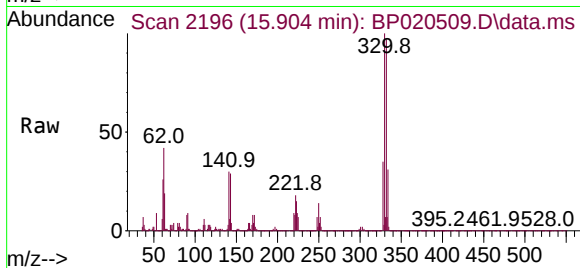
Tgt Ion:330 Resp: 1058822

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

141 31.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 70.482 ng

RT: 13.004 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

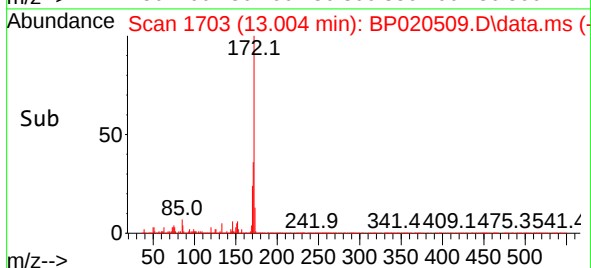
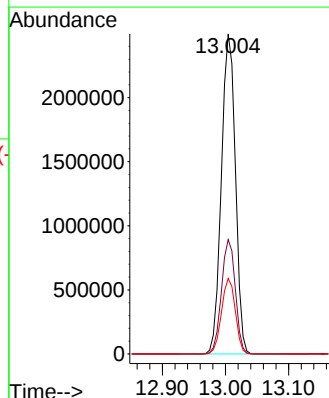
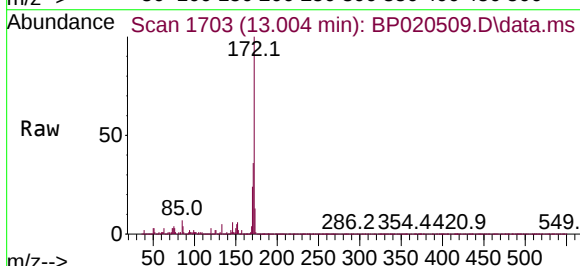
Tgt Ion:172 Resp: 3838408

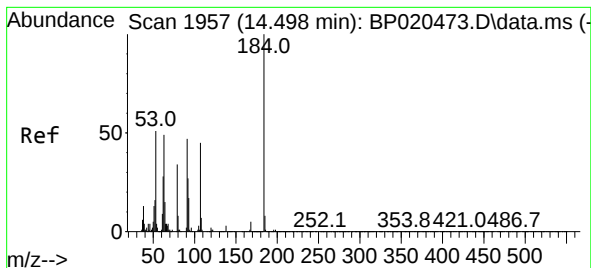
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 18.9 28.3





#54

2,4-Dinitrophenol

Concen: 4.978 ng

RT: 14.522 min Scan# 1957

Delta R.T. 0.024 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

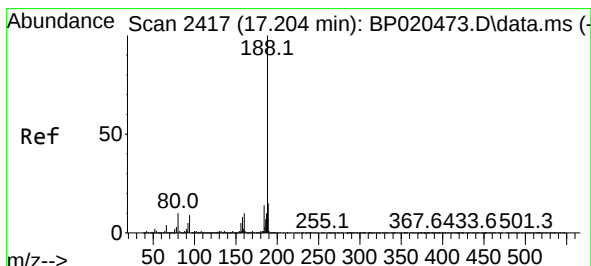
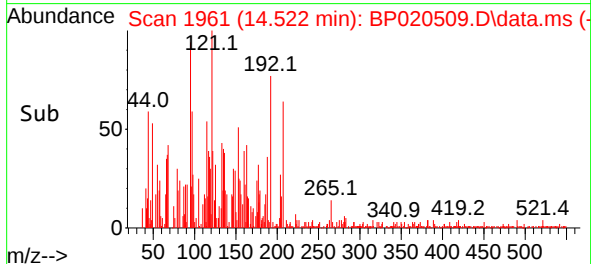
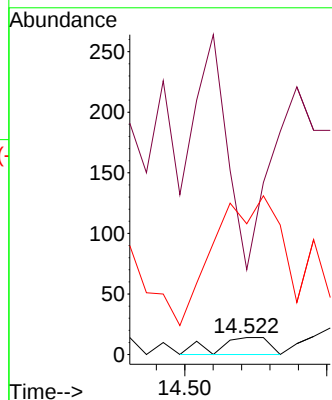
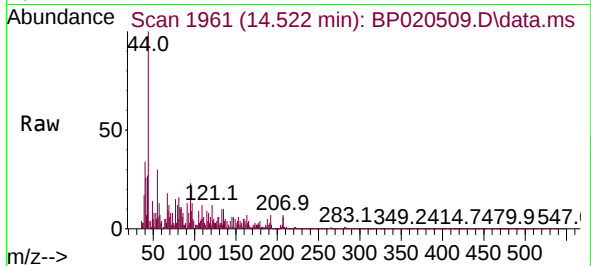
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 500.0 54.2 81.4#

154 771.4 51.0 76.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

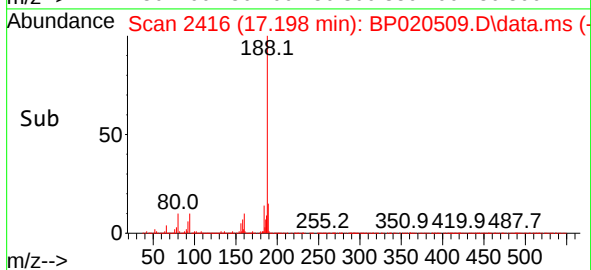
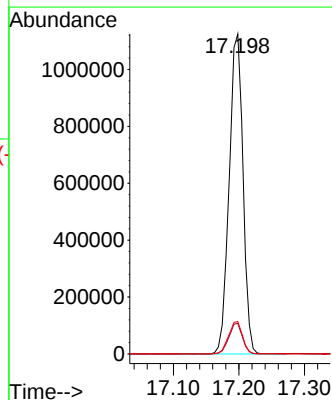
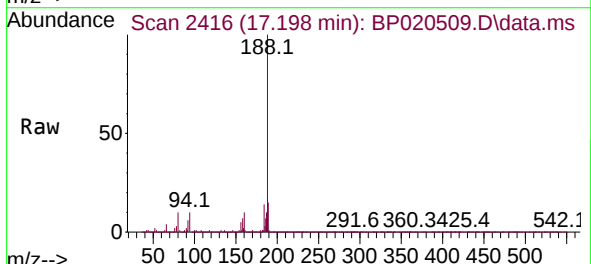
Tgt Ion:188 Resp: 1646526

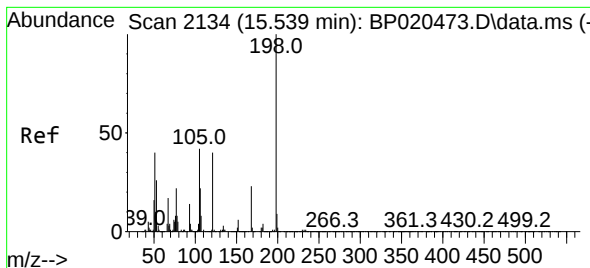
Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 10.1 8.1 12.1

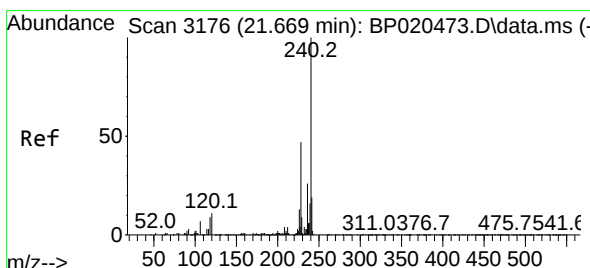
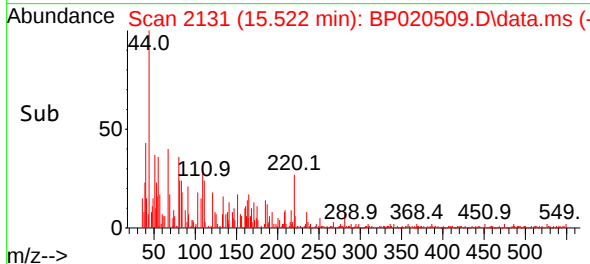
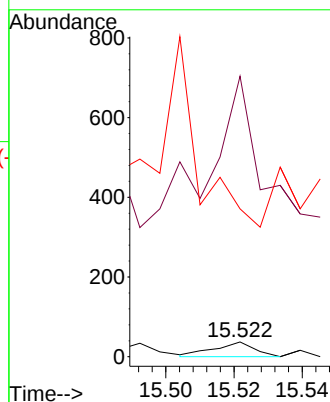
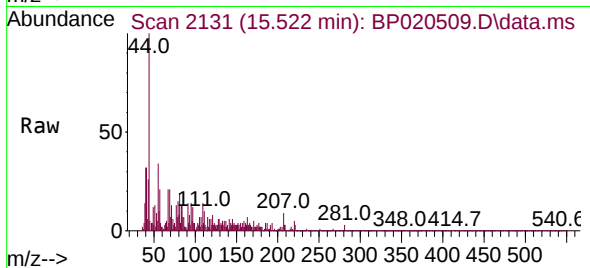




#65
4,6-Dinitro-2-methylphenol
Concen: 7.657 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

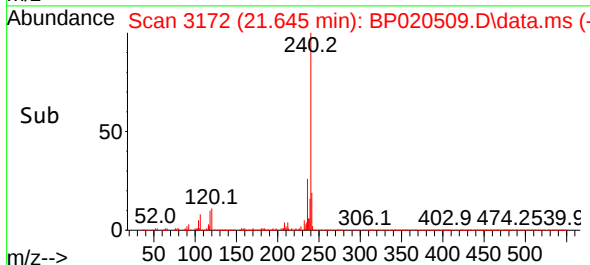
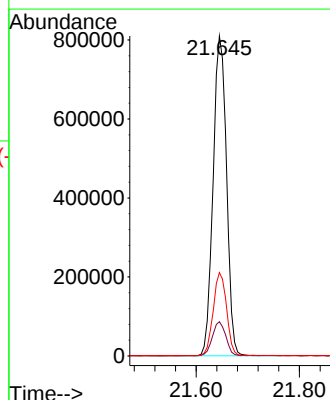
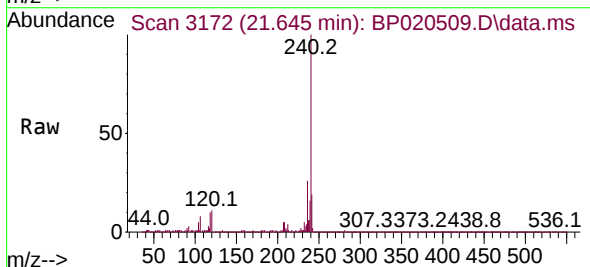
Instrument :
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BU-03-05312024

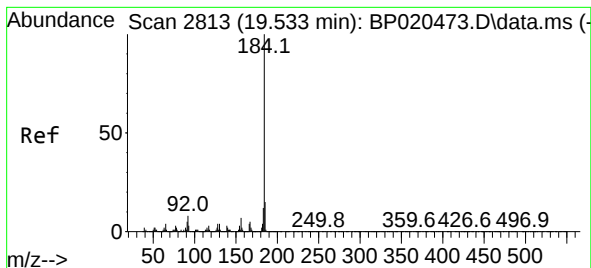
Tgt Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 1902.7 24.8 64.8#
105 1002.7 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.024 min
Lab File: BP020509.D
Acq: 05 Jun 2024 00:06

Tgt Ion:240 Resp: 1459117
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.1 20.5 30.7





#77

Benzidine

Concen: 5.981 ng

RT: 19.522 min Scan# 2811

Delta R.T. -0.011 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

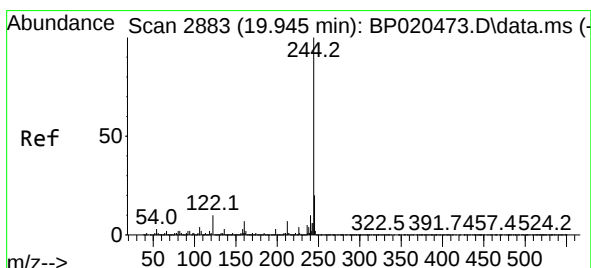
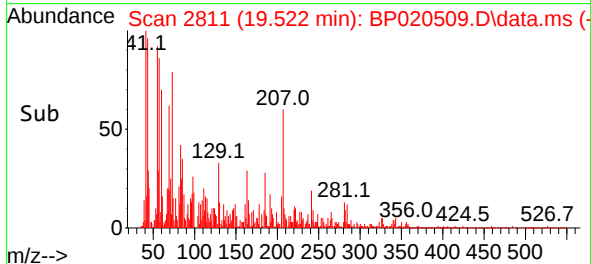
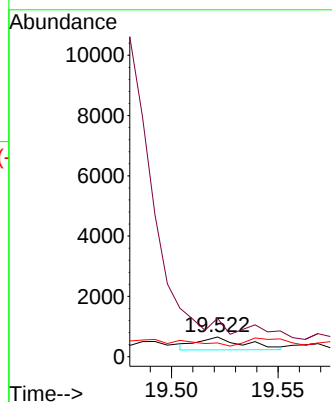
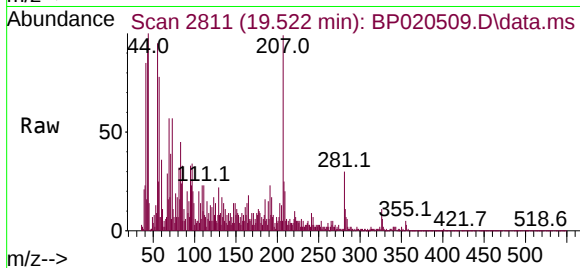
Tgt Ion:184 Resp: 639

Ion Ratio Lower Upper

184 100

185 195.1 12.0 18.0#

183 69.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 65.780 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

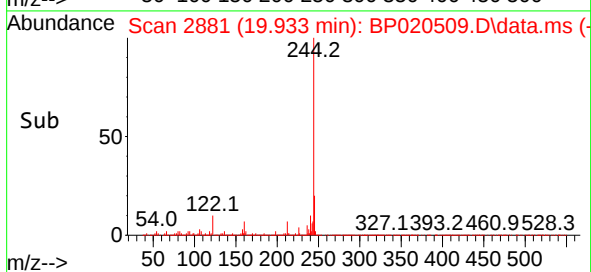
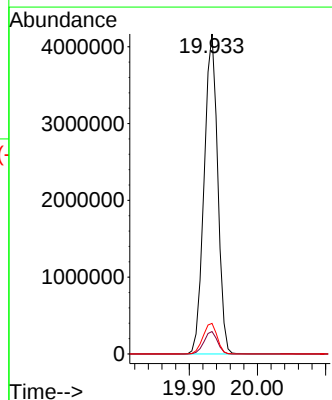
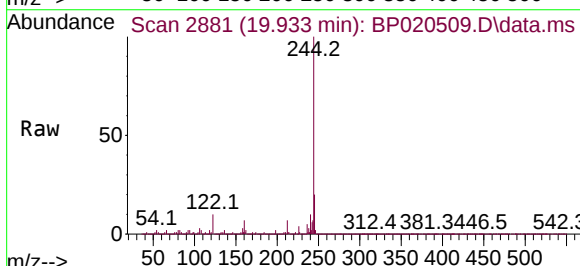
Tgt Ion:244 Resp: 5765576

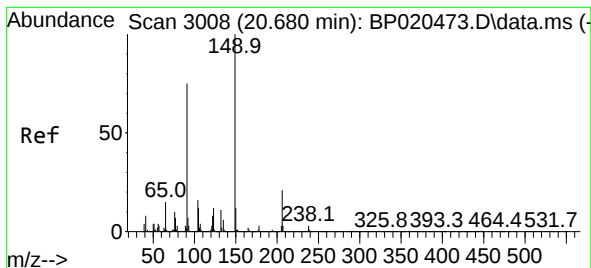
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.6 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.454 ng

RT: 20.669 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

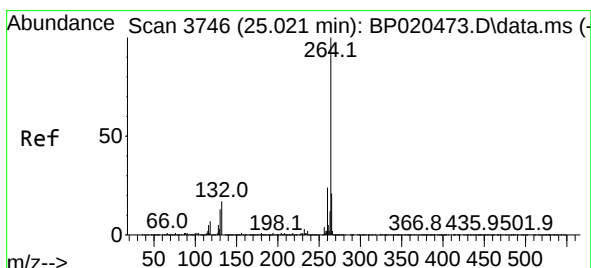
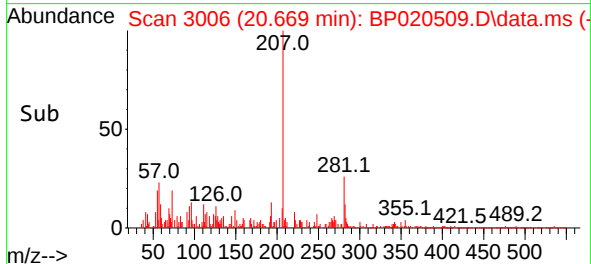
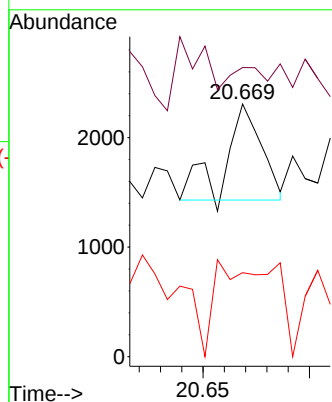
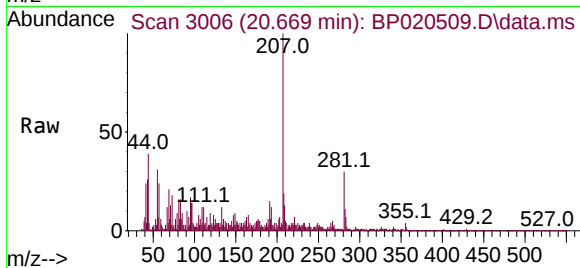
Tgt Ion:149 Resp: 1052

Ion Ratio Lower Upper

149 100

91 114.4 60.0 90.0#

206 33.3 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.009 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020509.D

Acq: 05 Jun 2024 00:06

Tgt Ion:264 Resp: 1662415

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0

