

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020589.D
 Acq On : 11 Jun 2024 15:41
 Operator : MA/JU
 Sample : P2767-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2A

Quant Time: Jun 11 16:16:19 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)

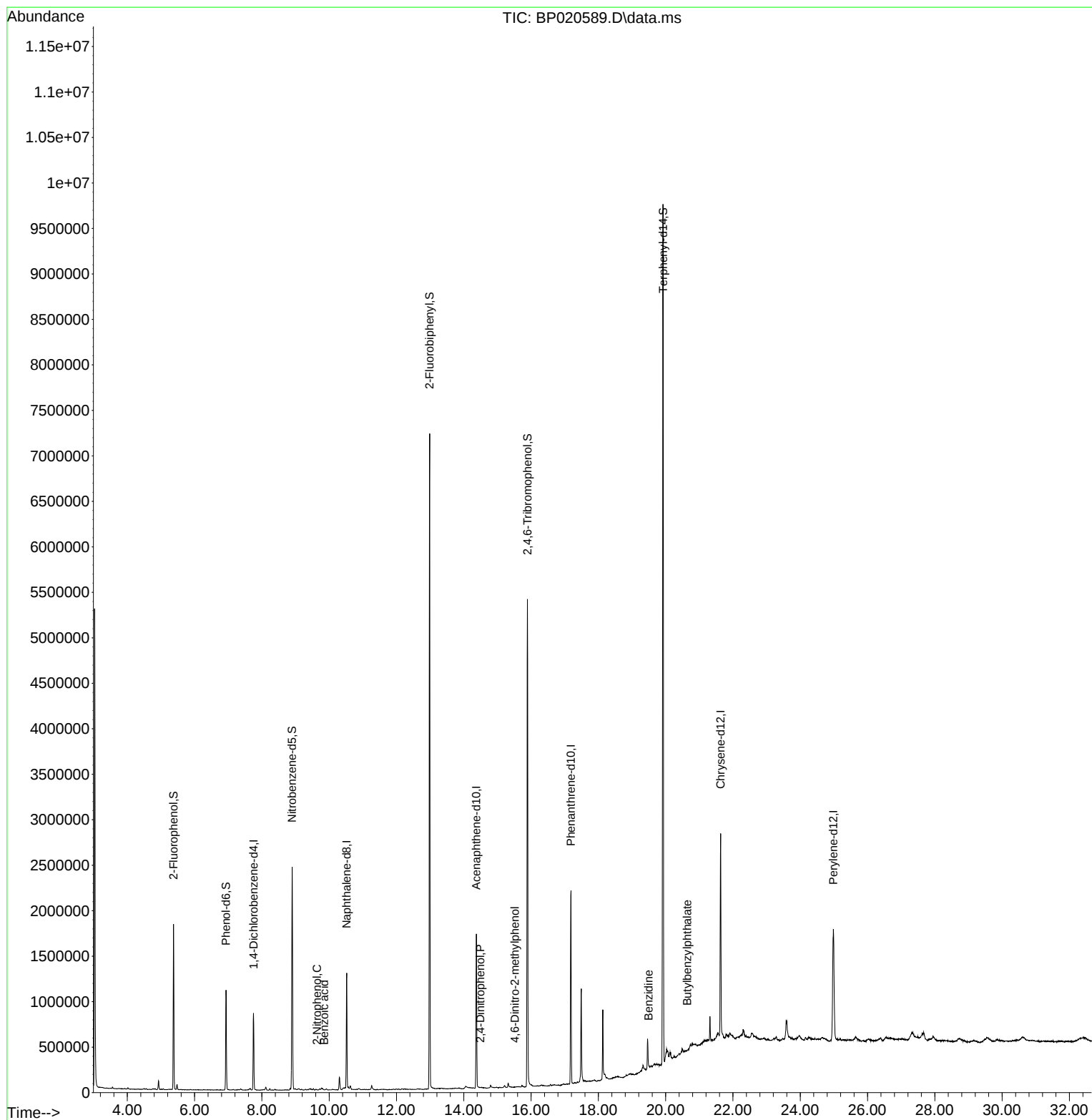
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	234679	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	933501	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	628626	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1358304	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1262640	20.000	ng	-0.04
86) Perylene-d12	24.986	264	1402155	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	757941	57.826	ng	0.00
7) Phenol-d6	6.934	99	612752	33.149	ng	0.00
23) Nitrobenzene-d5	8.899	82	1458475	85.524	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1197180	183.506	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3569257	84.642	ng	-0.02
79) Terphenyl-d14	19.922	244	5960835	78.590	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.640	139	196	3.818	ng	# 1
32) Benzoic acid	9.852	122	74	6.855	ng	# 52
54) 2,4-Dinitrophenol	14.492	184	108	5.007	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.516	198	39	7.659	ng	# 1
77) Benzidine	19.492	184	351	5.977	ng	# 1
80) Butylbenzylphthalate	20.645	149	518	2.444	ng	# 52

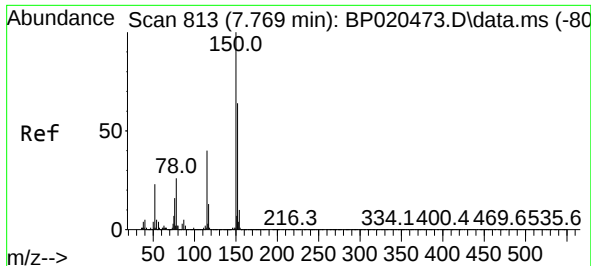
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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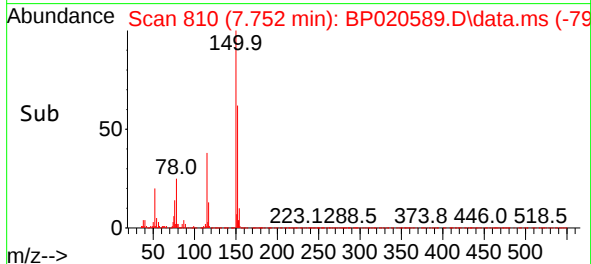
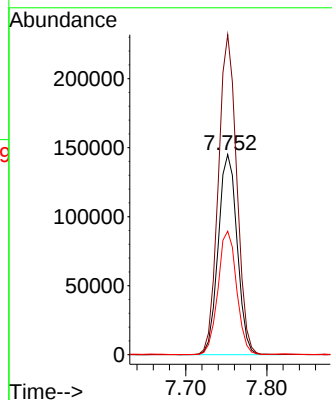
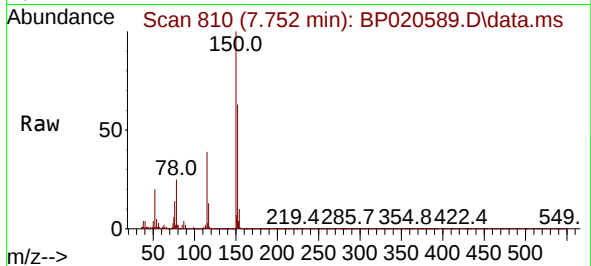




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 813
Delta R.T. -0.017 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

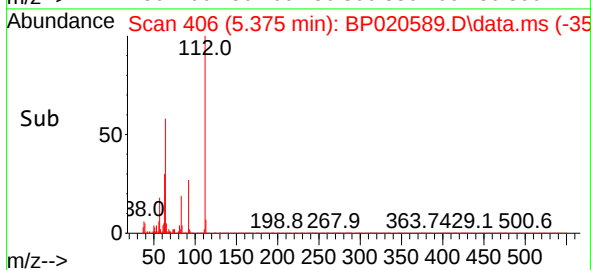
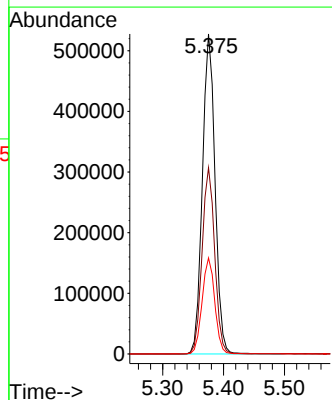
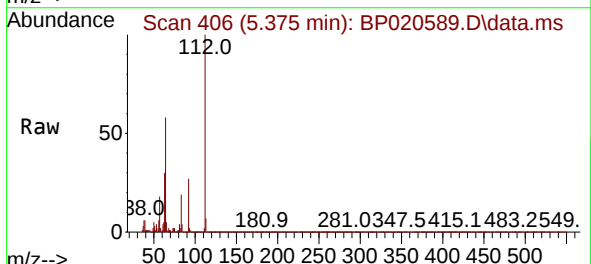
Instrument :
BNA_P
ClientSampleId :
MW-2A

Tgt Ion:152 Resp: 234679
Ion Ratio Lower Upper
152 100
150 159.9 124.2 186.2
115 61.7 49.5 74.3



#5
2-Fluorophenol
Concen: 57.826 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion:112 Resp: 757941
Ion Ratio Lower Upper
112 100
64 58.2 50.1 75.1
63 30.0 25.7 38.5

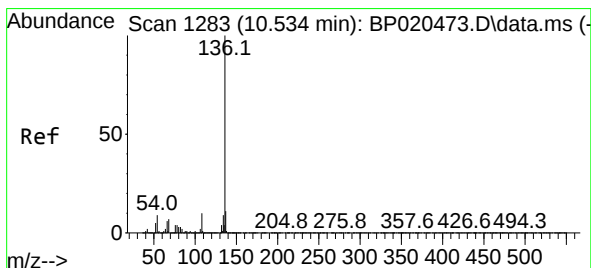
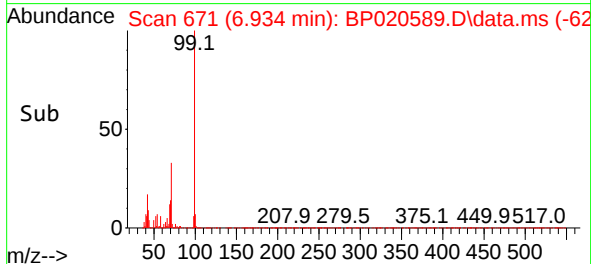
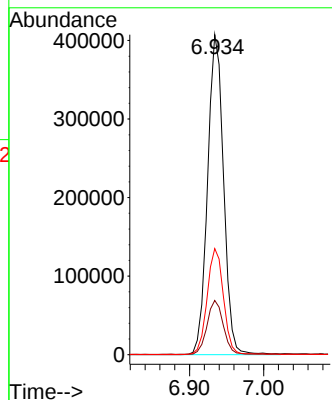
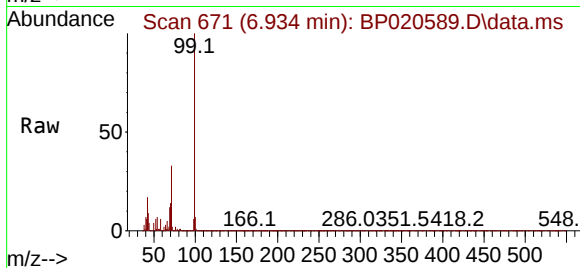




#7
Phenol-d6
Concen: 33.149 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

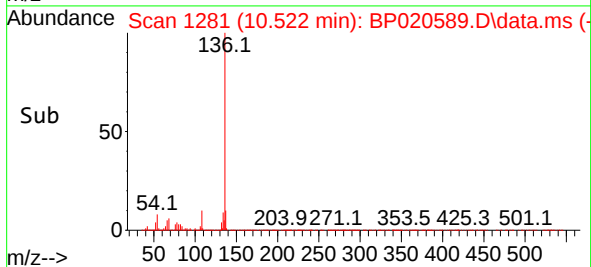
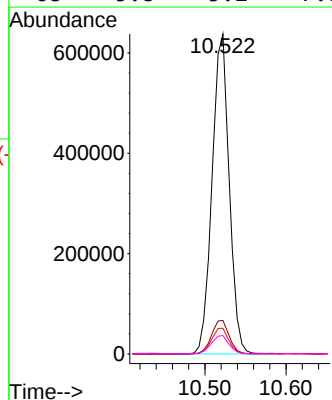
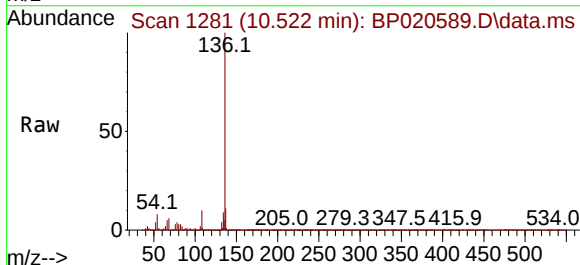
Instrument :
BNA_P
ClientSampleId :
MW-2A

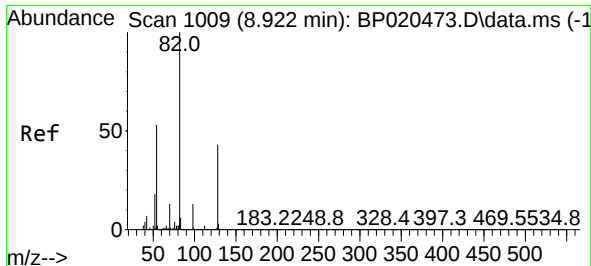
Tgt Ion: 99 Resp: 612752
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.4
71 33.2 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion:136 Resp: 933501
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.1 7.4 11.0
68 5.8 5.2 7.8

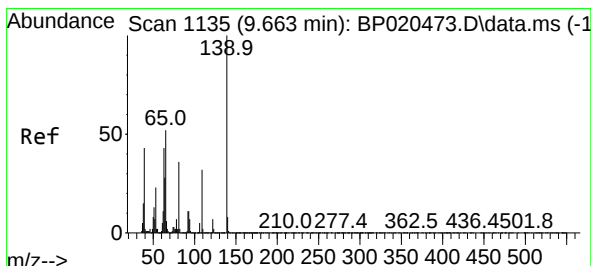
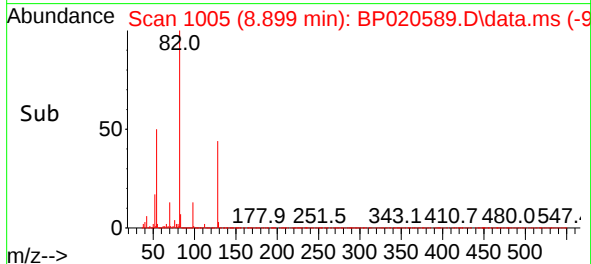
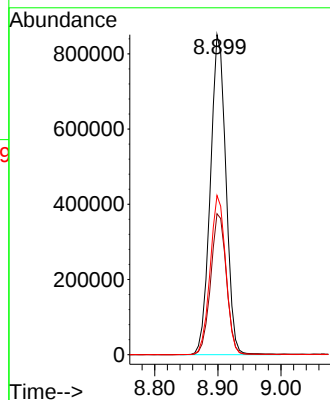
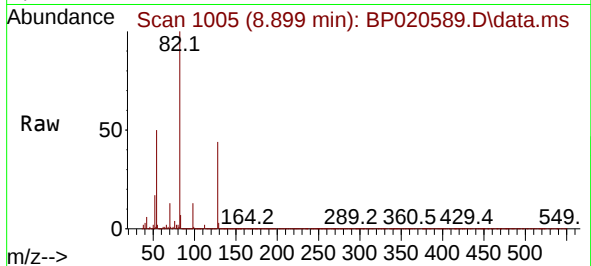




#23
Nitrobenzene-d5
Concen: 85.524 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.024 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

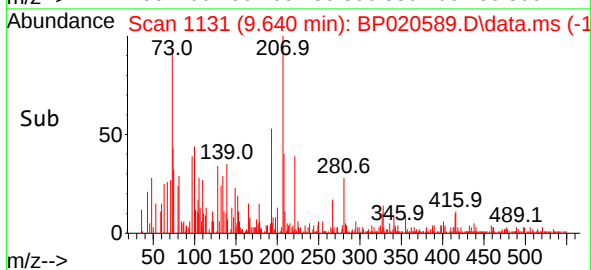
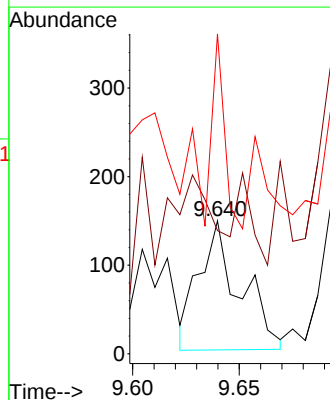
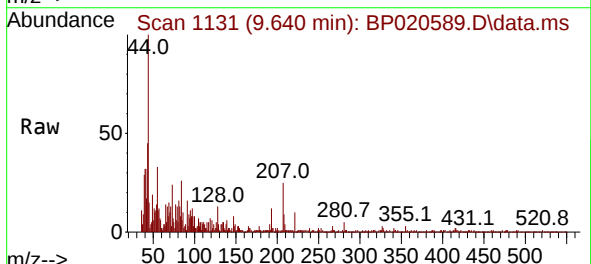
Instrument :
BNA_P
ClientSampleId :
MW-2A

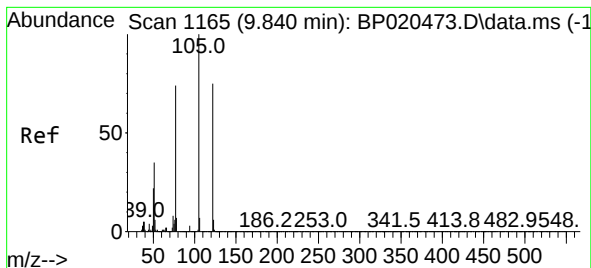
Tgt Ion: 82 Resp: 1458475
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.4
54 49.8 42.7 64.1



#26
2-Nitrophenol
Concen: 3.818 ng
RT: 9.640 min Scan# 1131
Delta R.T. -0.023 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion: 139 Resp: 196
Ion Ratio Lower Upper
139 100
109 92.7 25.8 38.8#
65 240.7 41.8 62.8#





#32

Benzoic acid

Concen: 6.855 ng

RT: 9.852 min Scan# 1165

Delta R.T. 0.012 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

Instrument :

BNA_P

ClientSampleId :

MW-2A

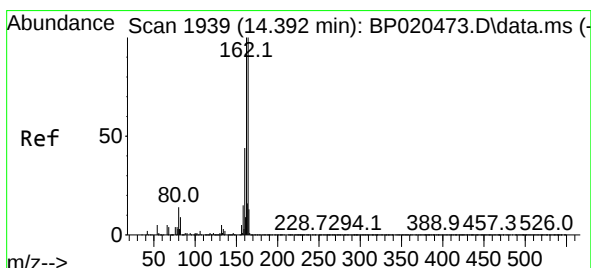
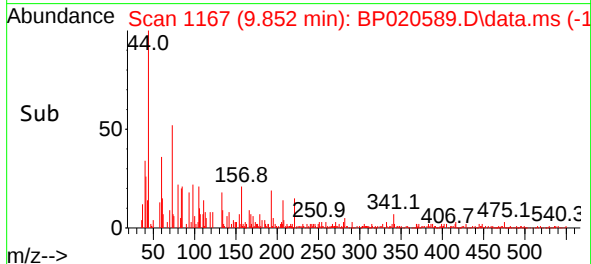
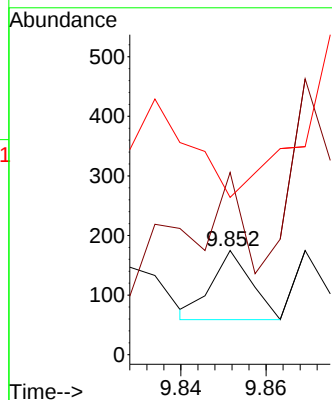
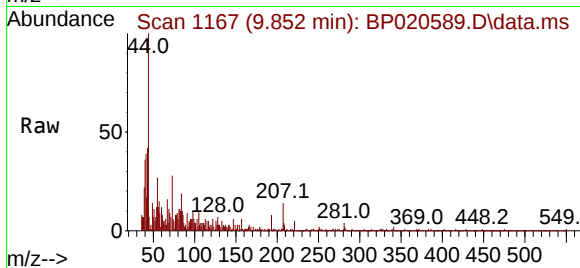
Tgt Ion:122 Resp: 74

Ion Ratio Lower Upper

122 100

105 174.9 107.5 147.5#

77 150.9 76.1 116.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.017 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

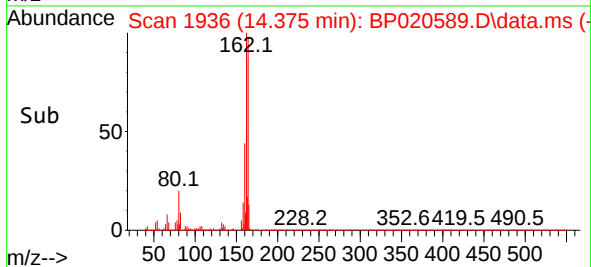
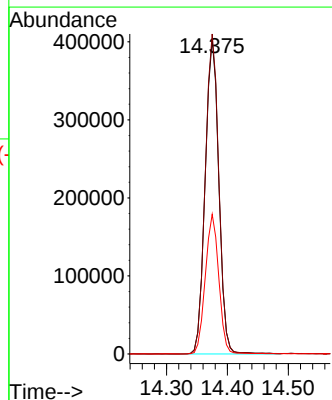
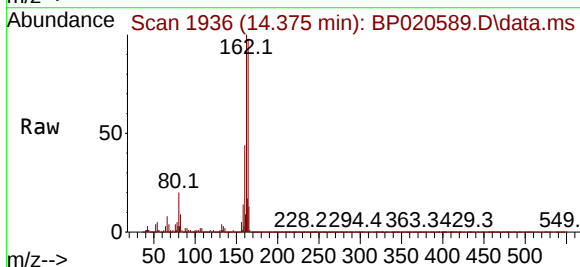
Tgt Ion:164 Resp: 628626

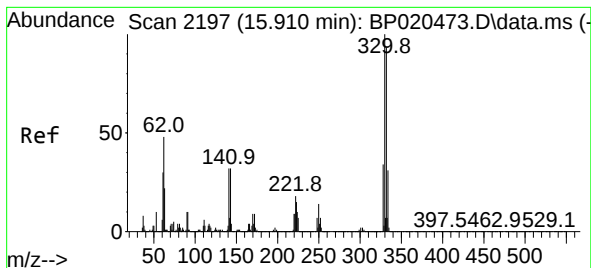
Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

160 44.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 183.506 ng

RT: 15.892 min Scan# 2197

Delta R.T. -0.018 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

Instrument :

BNA_P

ClientSampleId :

MW-2A

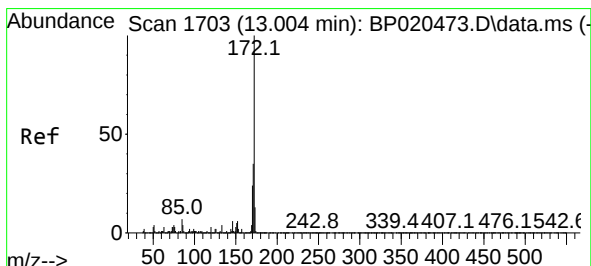
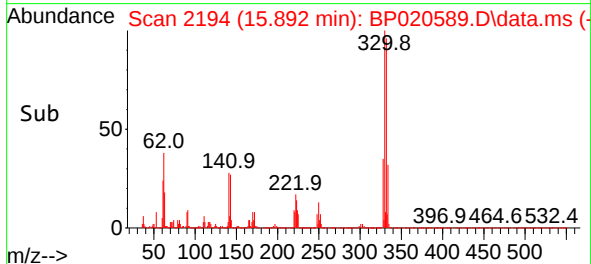
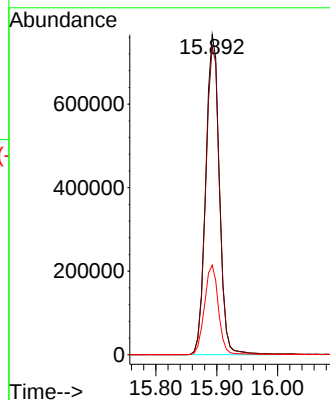
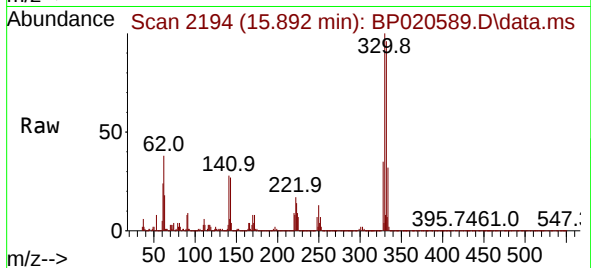
Tgt Ion:330 Resp: 1197180

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

141 28.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 84.642 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

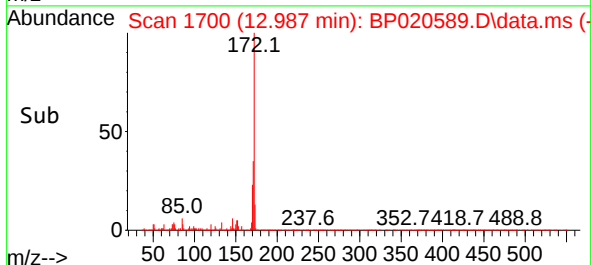
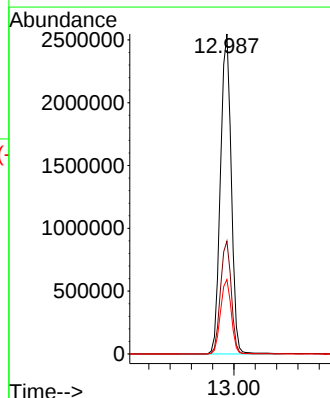
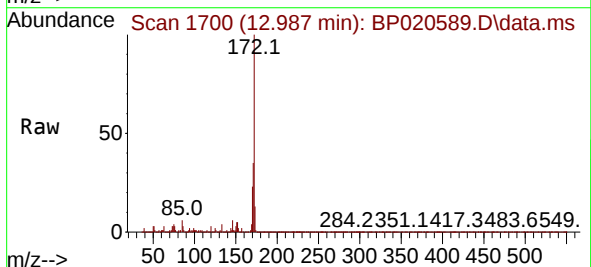
Tgt Ion:172 Resp: 3569257

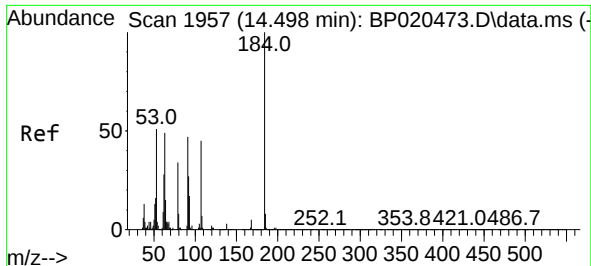
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.2 18.9 28.3

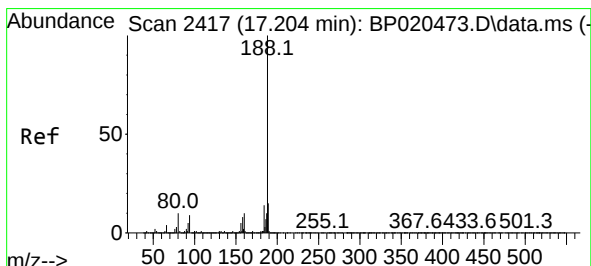
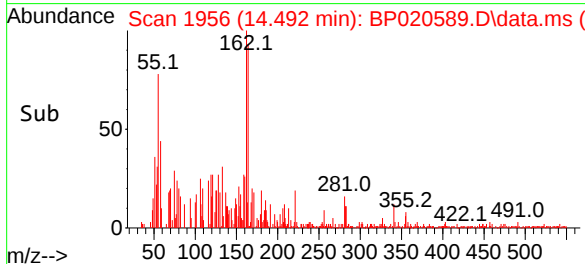
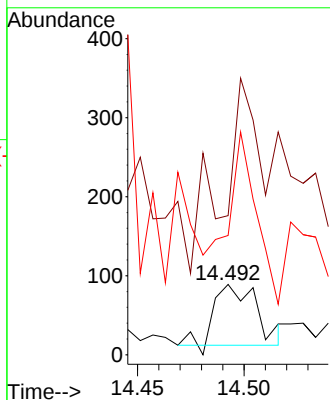
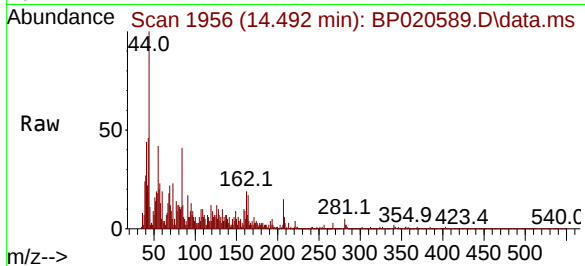




#54
2,4-Dinitrophenol
Concen: 5.007 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

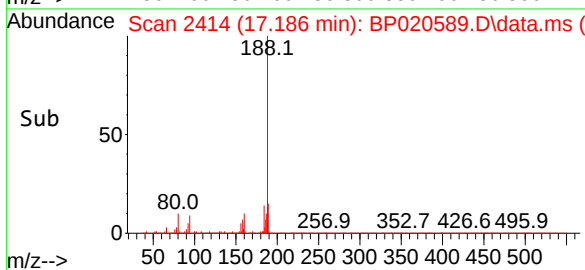
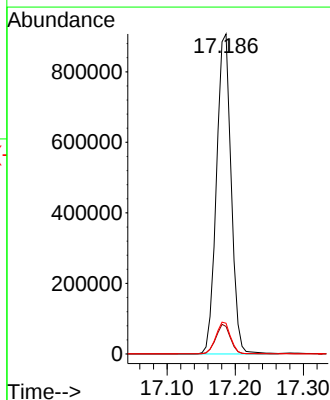
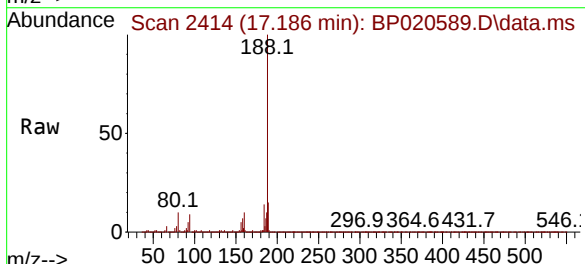
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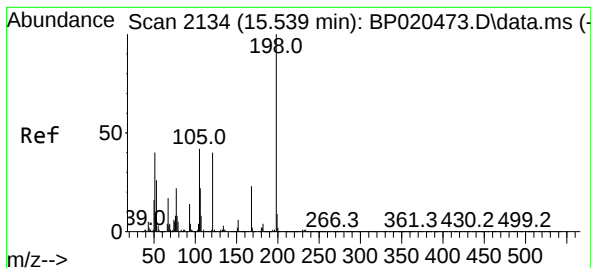
Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 197.8 54.2 81.4#
154 169.7 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion:188 Resp: 1358304
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.6 8.1 12.1

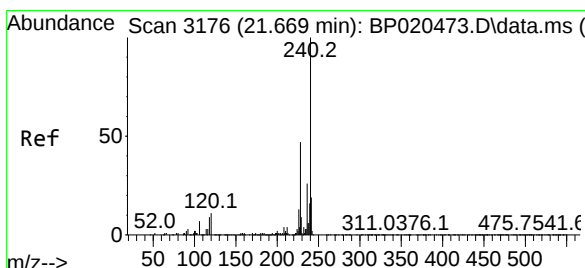
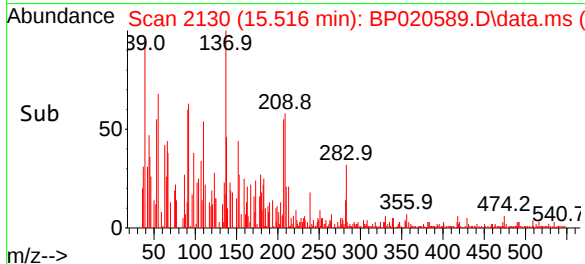
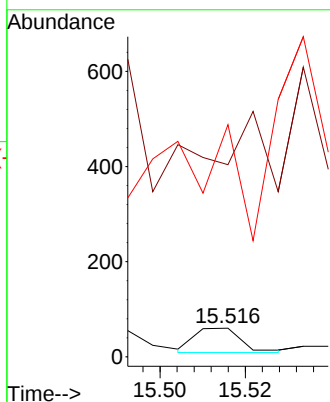
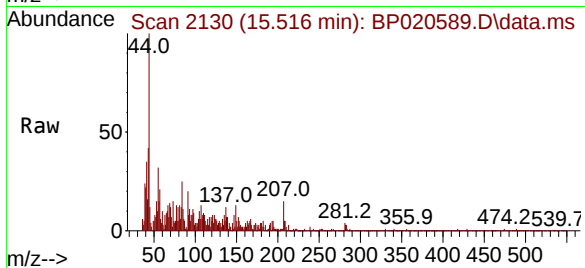




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.023 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

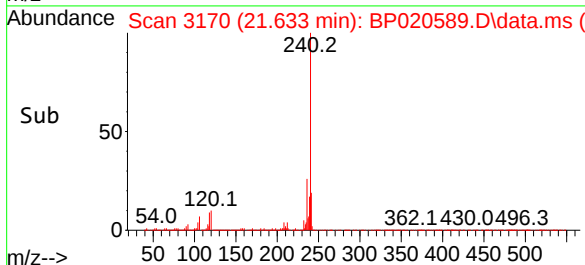
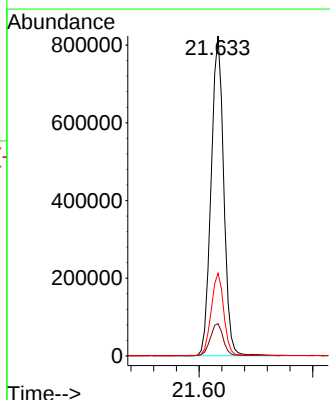
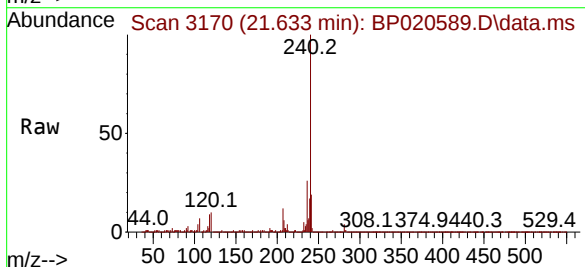
Instrument :
BNA_P
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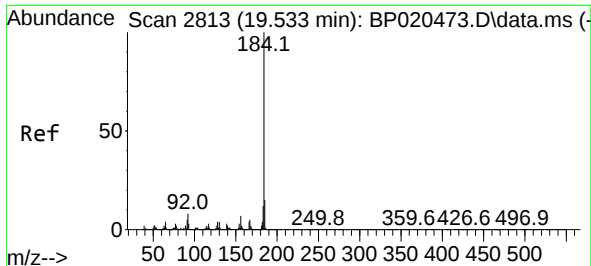
Tgt Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
51 673.3 24.8 64.8#
105 813.3 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.035 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion:240 Resp: 1262640
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.9 20.5 30.7

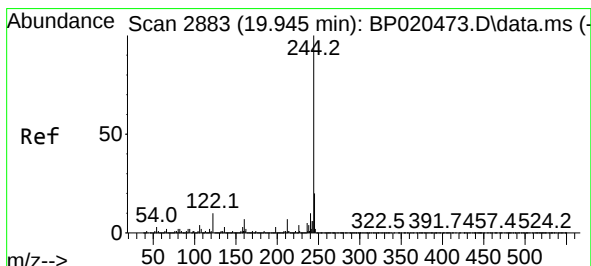
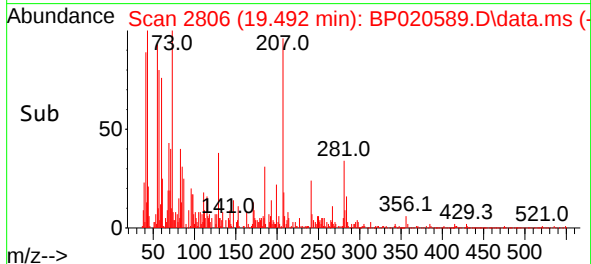
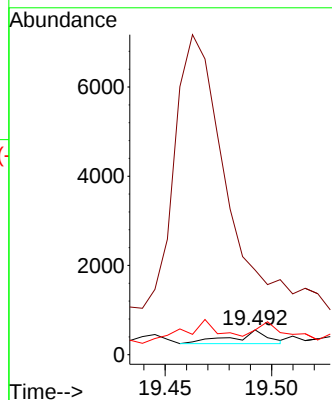
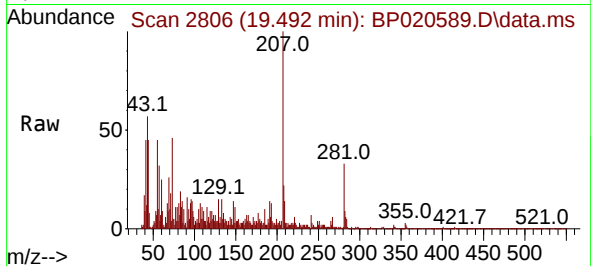




#77
Benzidine
Concen: 5.977 ng
RT: 19.492 min Scan# 2806
Delta R.T. -0.041 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

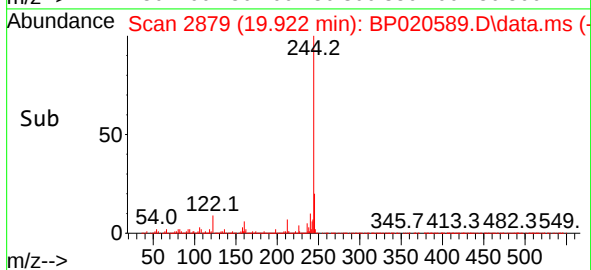
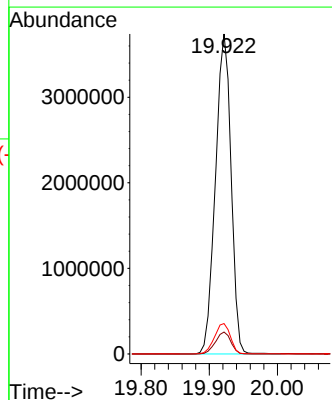
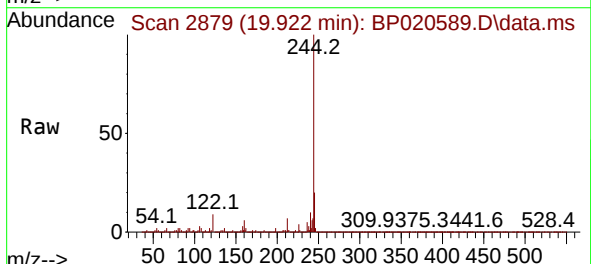
Instrument :
BNA_P
ClientSampleId :
MW-2A

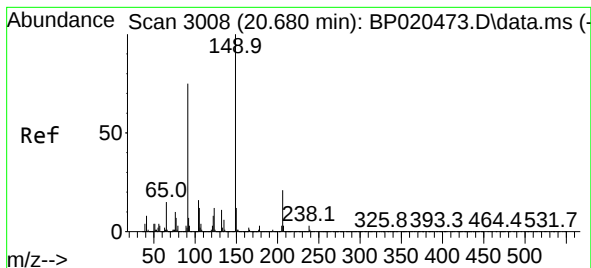
Tgt Ion:184 Resp: 351
Ion Ratio Lower Upper
184 100
185 340.8 12.0 18.0#
183 99.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.590 ng
RT: 19.922 min Scan# 2879
Delta R.T. -0.023 min
Lab File: BP020589.D
Acq: 11 Jun 2024 15:41

Tgt Ion:244 Resp: 5960835
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 9.5 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.444 ng

RT: 20.645 min Scan# 3008

Delta R.T. -0.035 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

Instrument :

BNA_P

ClientSampleId :

MW-2A

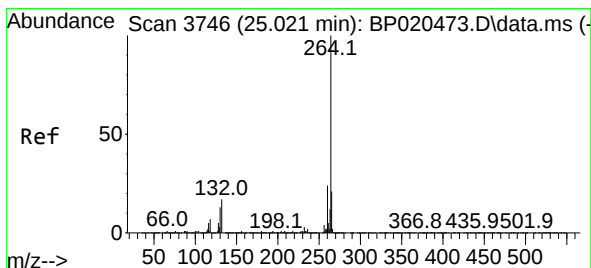
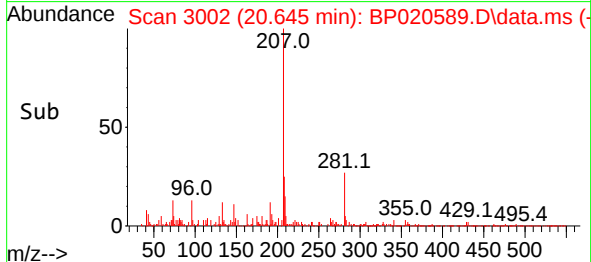
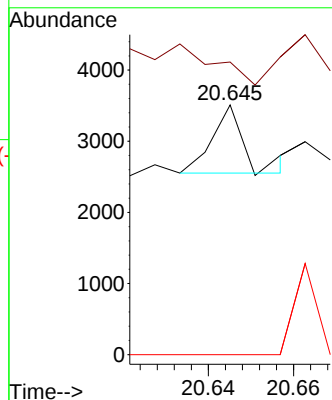
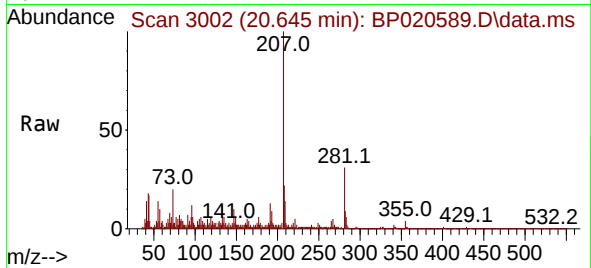
Tgt Ion:149 Resp: 518

Ion Ratio Lower Upper

149 100

91 117.2 60.0 90.0#

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.986 min Scan# 3740

Delta R.T. -0.035 min

Lab File: BP020589.D

Acq: 11 Jun 2024 15:41

Tgt Ion:264 Resp: 1402155

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.7 17.4 26.0

