

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060324\
 Data File : BP020488.D
 Acq On : 03 Jun 2024 11:56
 Operator : MA/JU
 Sample : PB161236BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161236BL

Quant Time: Jun 03 13:09:12 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)

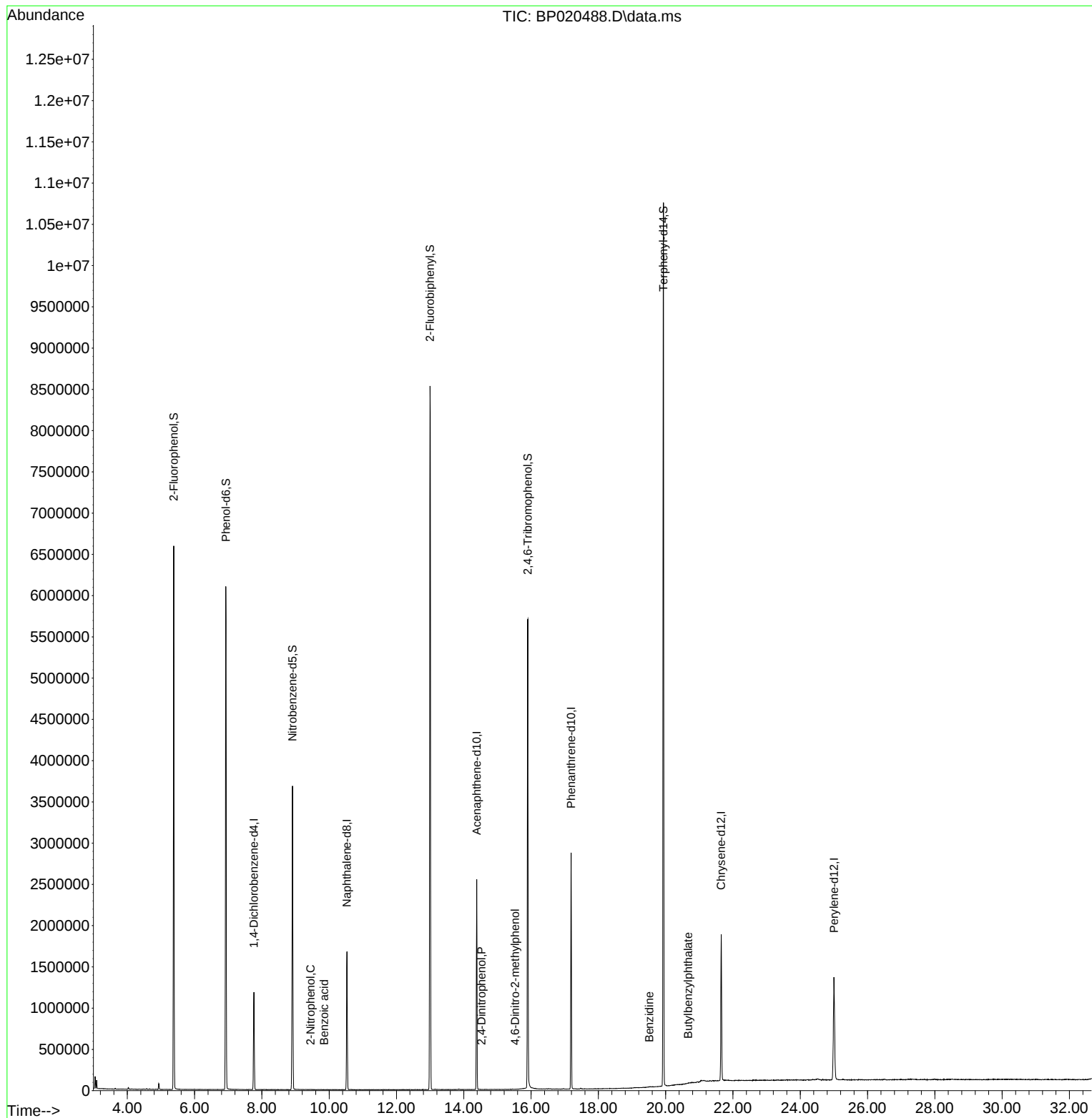
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	334266	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	1295439	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	826371	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1615176	20.000	ng	-0.01
76) Chrysene-d12	21.651	240	1107913	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1162256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2648360	141.856	ng	0.00
7) Phenol-d6	6.928	99	3385914	128.603	ng	0.00
23) Nitrobenzene-d5	8.910	82	2121317	89.638	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	1106566	129.029	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	4914319	88.652	ng	0.00
79) Terphenyl-d14	19.933	244	6160949	92.573	ng	-0.01
Target Compounds						Qvalue
26) 2-Nitrophenol	9.451	139	14	3.793	ng	91
32) Benzoic acid	9.851	122	63	6.852	ng	# 1
54) 2,4-Dinitrophenol	14.528	184	23	4.979	ng	96
65) 4,6-Dinitro-2-methylph...	15.522	198	79	7.663	ng	# 1
77) Benzidine	19.516	184	1330	6.000	ng	# 84
80) Butylbenzylphthalate	20.669	149	327	2.440	ng	# 57

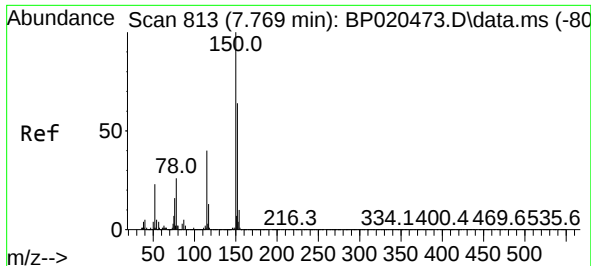
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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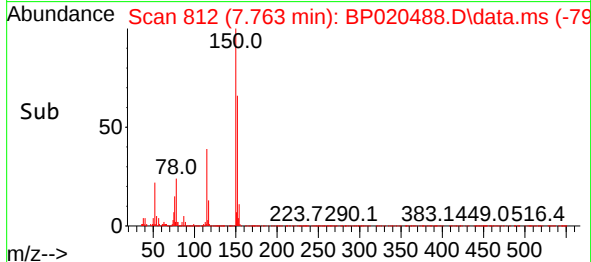
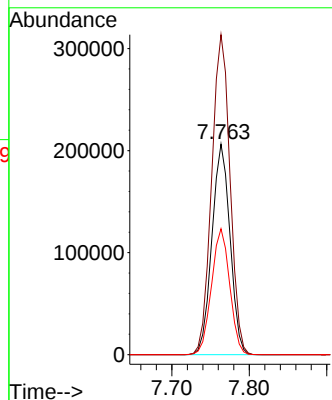
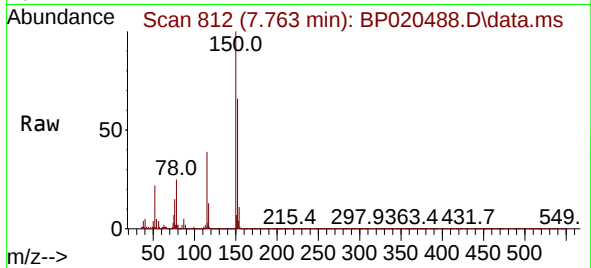




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

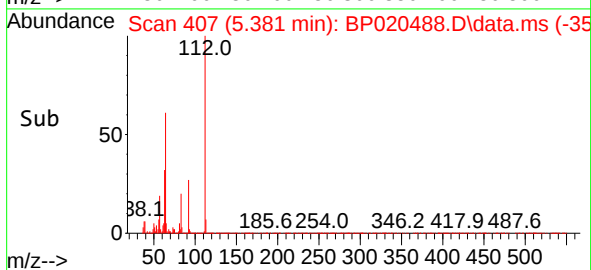
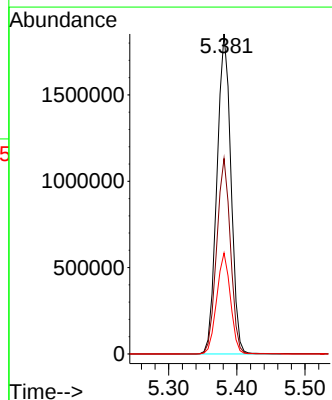
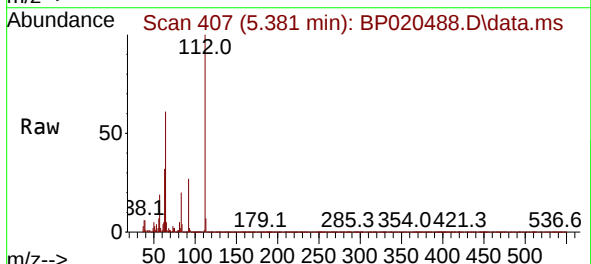
Instrument :
BNA_P
ClientSampleId :
PB161236BL

Tgt Ion:152 Resp: 334266
Ion Ratio Lower Upper
152 100
150 151.9 124.2 186.2
115 59.8 49.5 74.3



#5
2-Fluorophenol
Concen: 141.856 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:112 Resp: 2648360
Ion Ratio Lower Upper
112 100
64 61.1 50.1 75.1
63 31.5 25.7 38.5

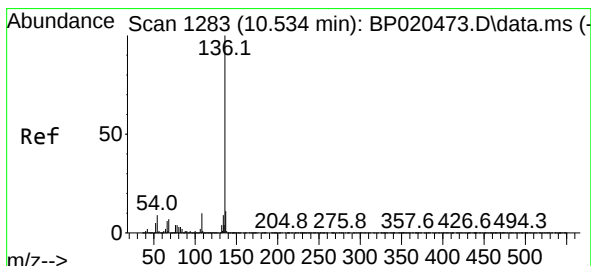
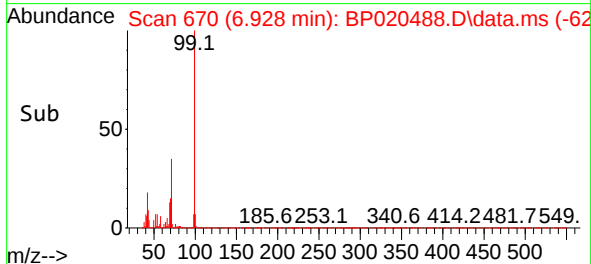
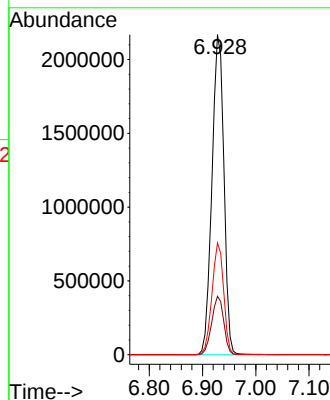
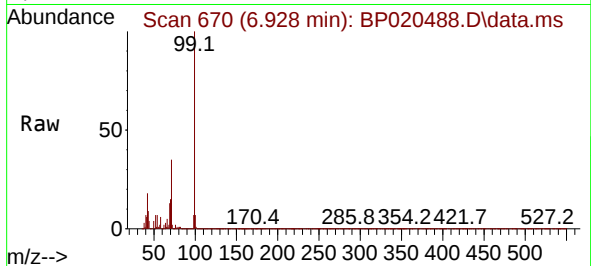




#7
Phenol-d6
Concen: 128.603 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

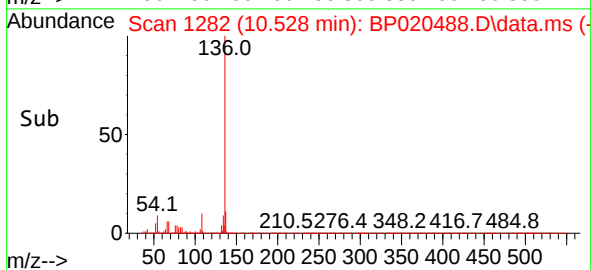
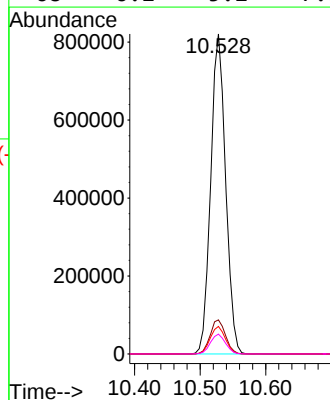
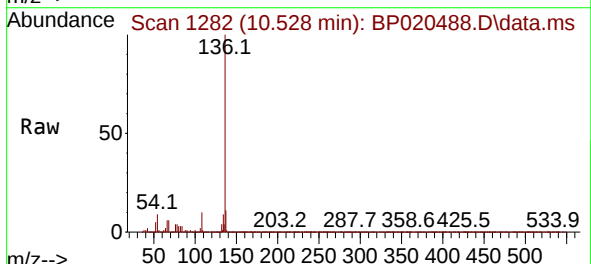
Instrument :
BNA_P
ClientSampleId :
PB161236BL

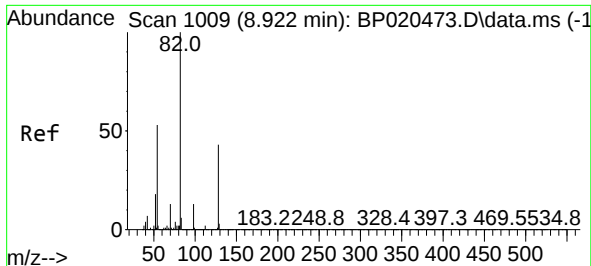
Tgt Ion: 99 Resp: 3385914
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.4
71 34.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:136 Resp: 1295439
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.6 7.4 11.0
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 89.638 ng

RT: 8.910 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

Instrument :

BNA_P

ClientSampleId :

PB161236BL

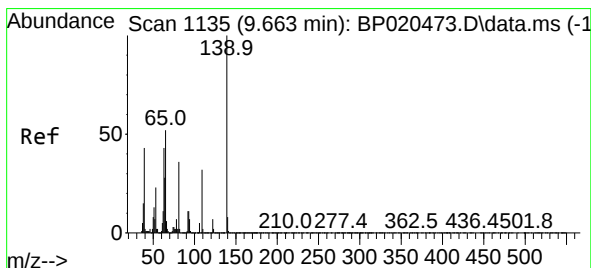
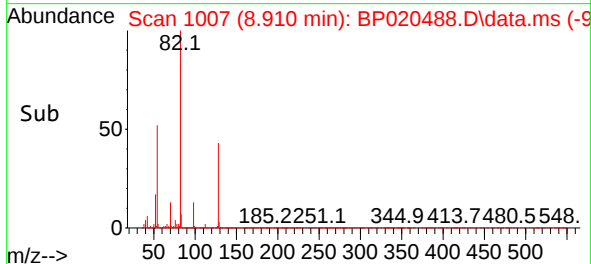
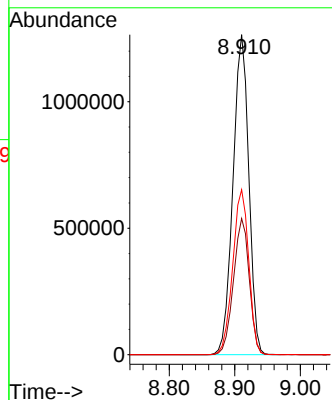
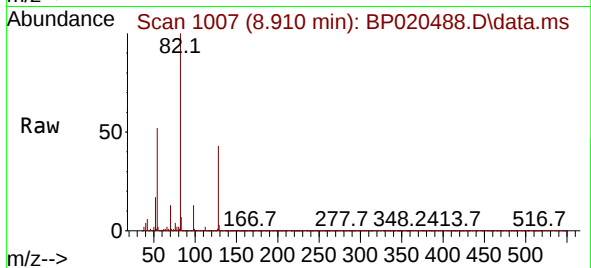
Tgt Ion: 82 Resp: 2121317

Ion Ratio Lower Upper

82 100

128 42.6 34.2 51.4

54 51.5 42.7 64.1



#26

2-Nitrophenol

Concen: 3.793 ng

RT: 9.451 min Scan# 1099

Delta R.T. -0.212 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

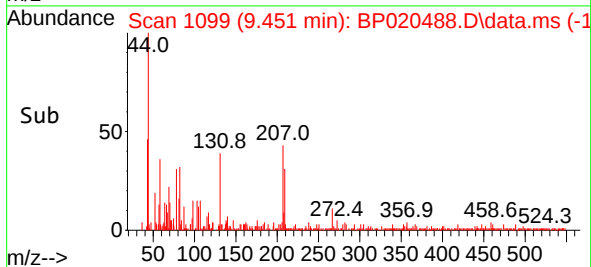
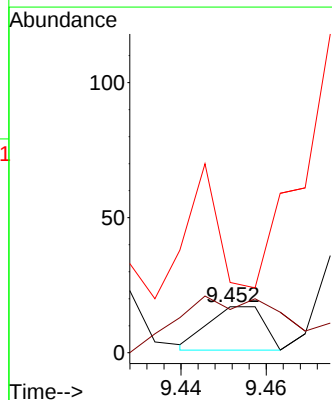
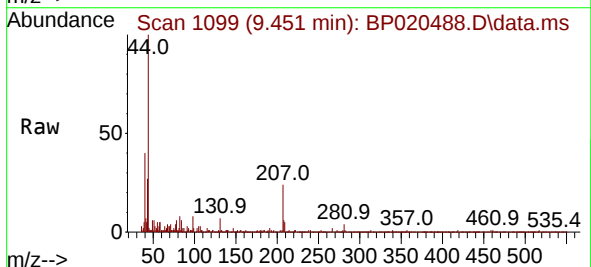
Tgt Ion:139 Resp: 14

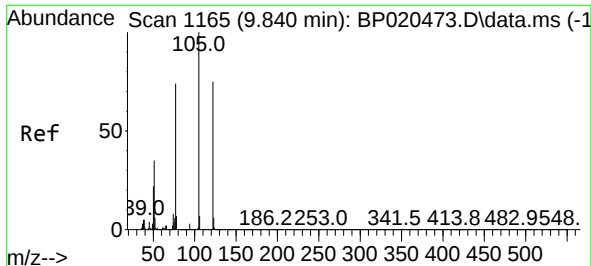
Ion Ratio Lower Upper

139 100

109 28.1 25.8 38.8

65 45.6 41.8 62.8

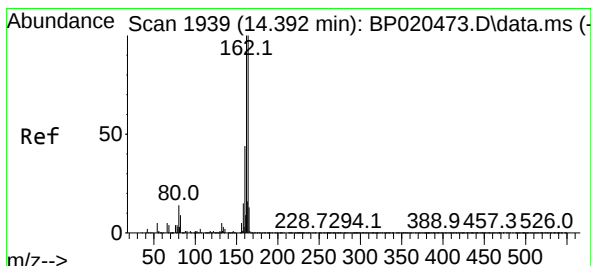
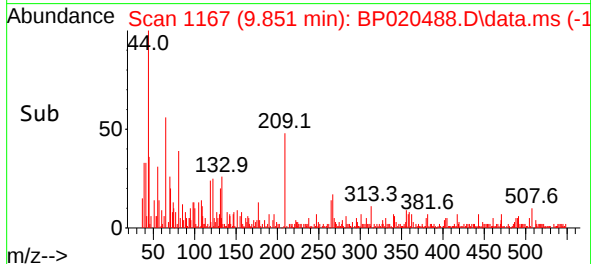
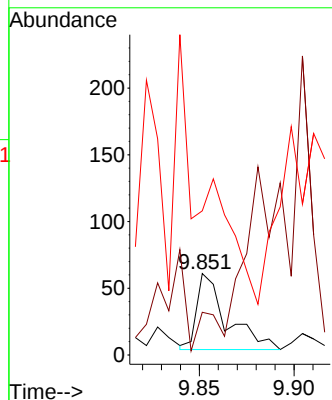
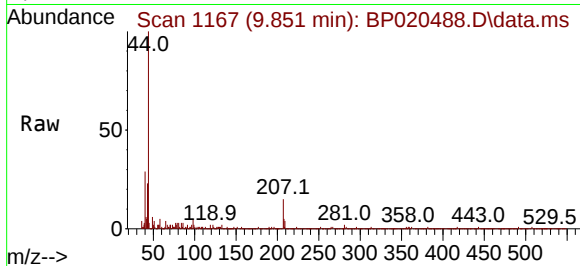




#32
Benzoic acid
Concen: 6.852 ng
RT: 9.851 min Scan# 1165
Delta R.T. 0.011 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

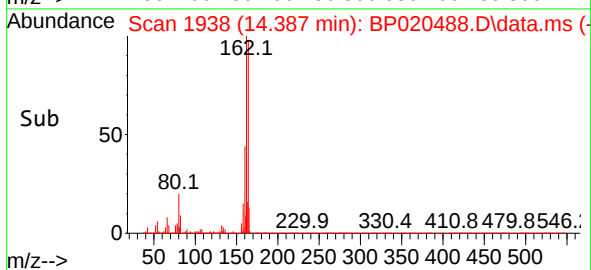
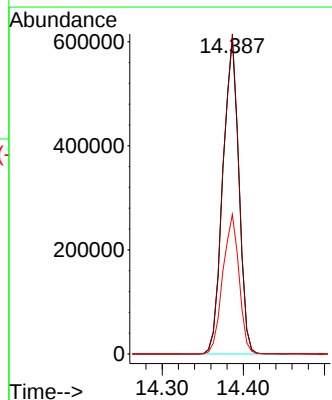
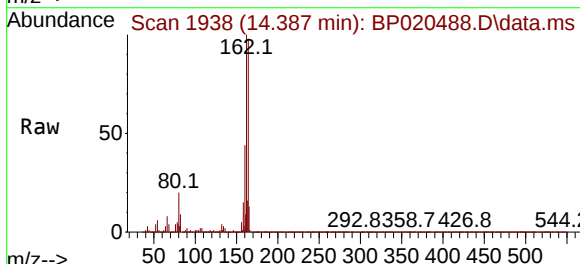
Instrument :
BNA_P
ClientSampleId :
PB161236BL

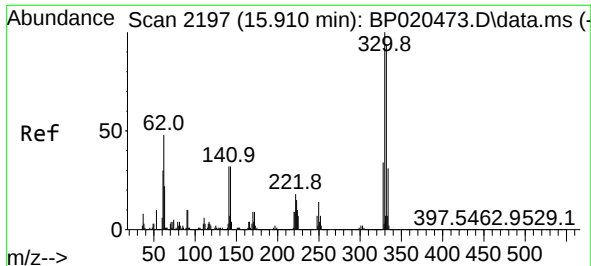
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 52.5 107.5 147.5#
77 265.6 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:164 Resp: 826371
Ion Ratio Lower Upper
164 100
162 101.6 80.3 120.5
160 44.3 35.4 53.2

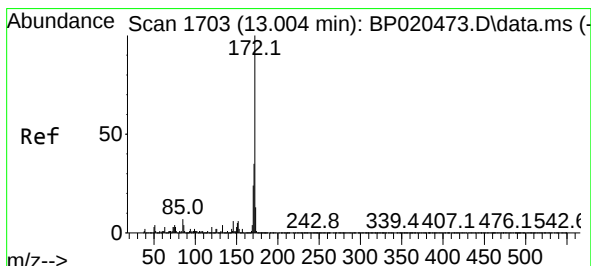
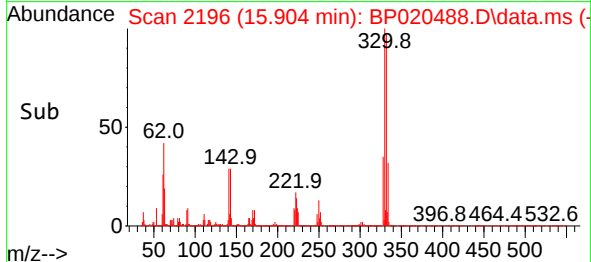
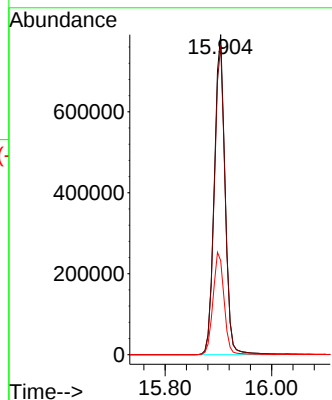
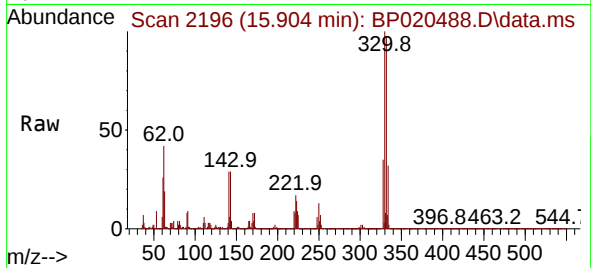




#42
2,4,6-Tribromophenol
Concen: 129.029 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

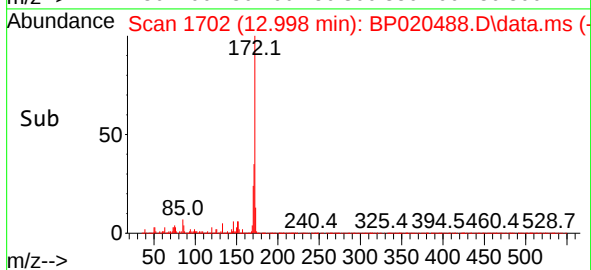
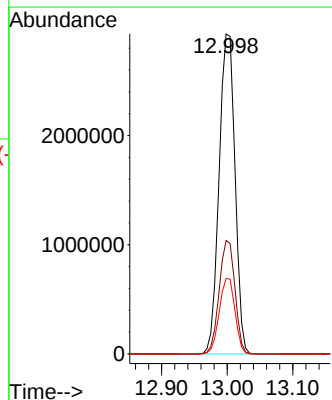
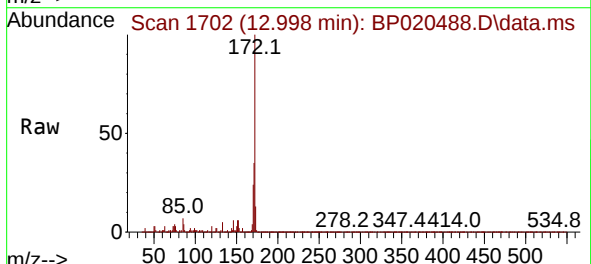
Instrument :
BNA_P
ClientSampleId :
PB161236BL

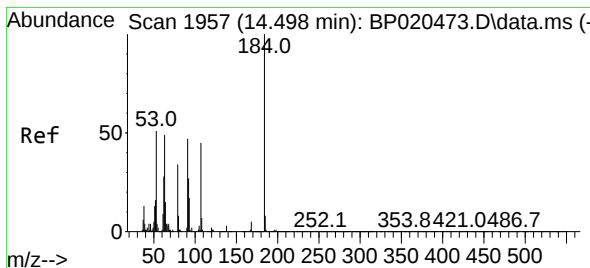
Tgt Ion:330 Resp: 1106566
Ion Ratio Lower Upper
330 100
332 96.9 76.6 114.8
141 33.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 88.652 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:172 Resp: 4914319
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 18.9 28.3

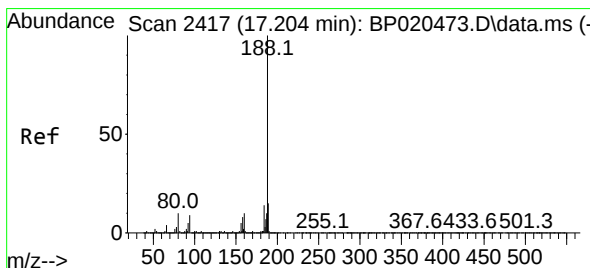
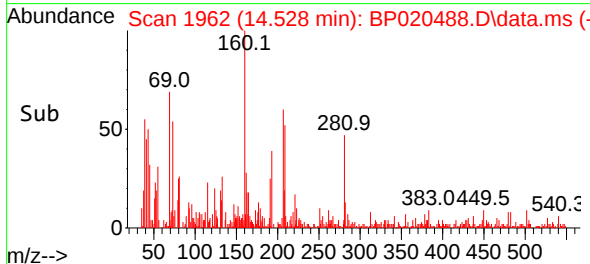
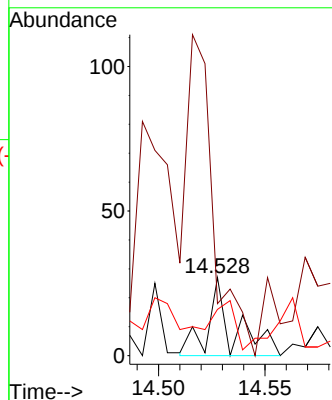
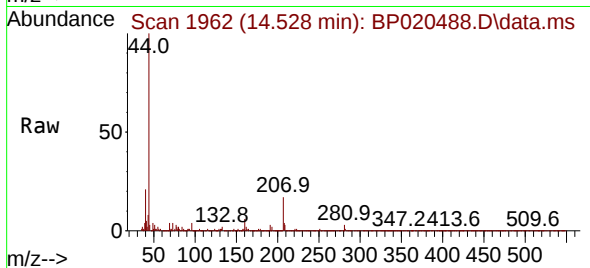




#54
2,4-Dinitrophenol
Concen: 4.979 ng
RT: 14.528 min Scan# 1957
Delta R.T. 0.030 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

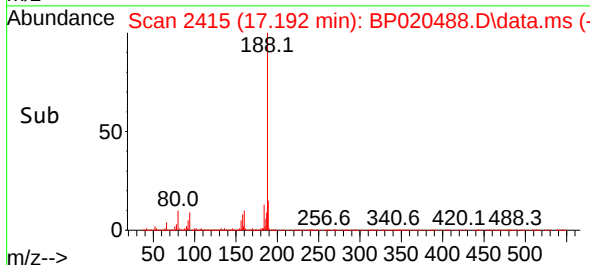
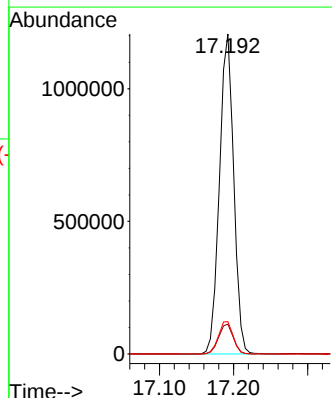
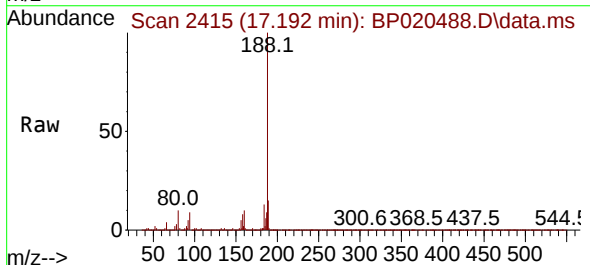
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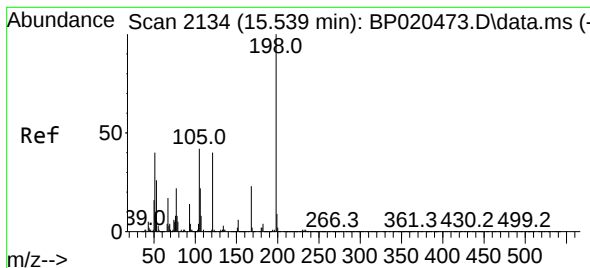
Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 66.7 54.2 81.4
154 59.3 51.0 76.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:188 Resp: 1615176
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.1 8.1 12.1

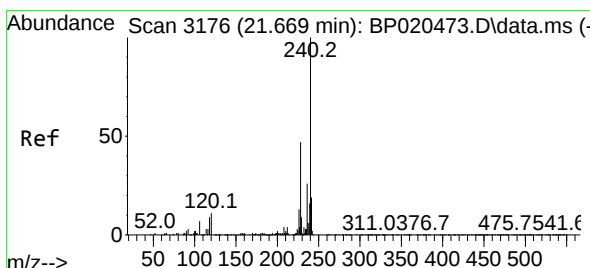
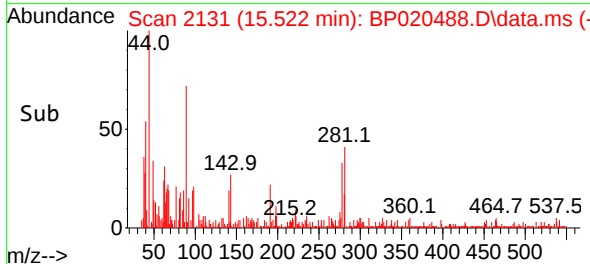
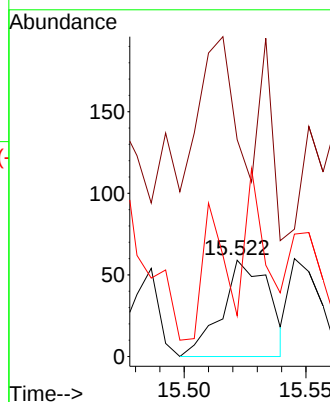
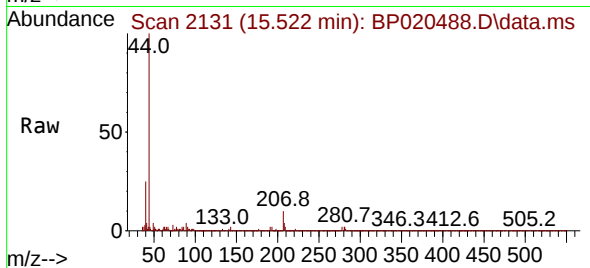




#65
4,6-Dinitro-2-methylphenol
Concen: 7.663 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

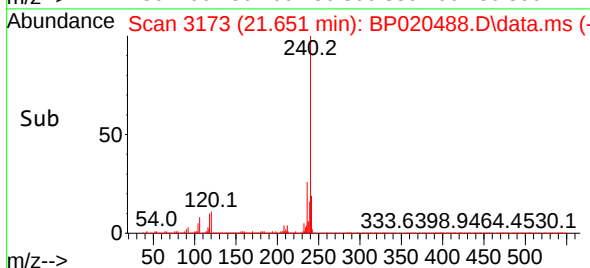
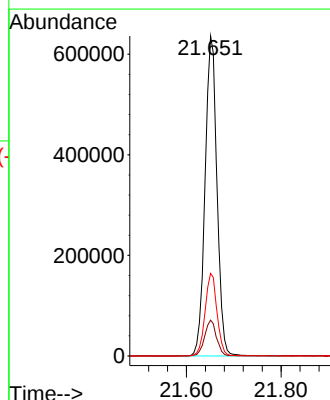
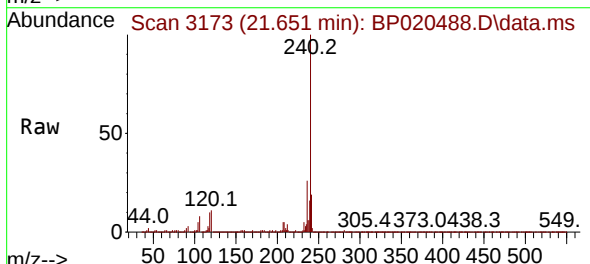
Instrument :
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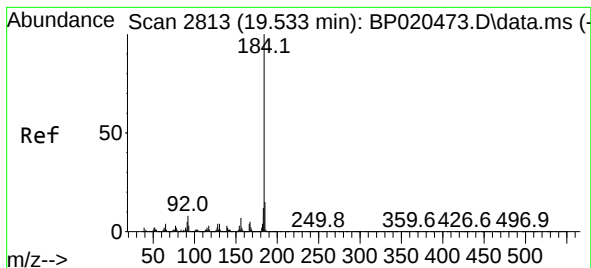
Tgt Ion:198 Resp: 79
Ion Ratio Lower Upper
198 100
51 301.7 24.8 64.8#
105 42.4 23.2 63.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3173
Delta R.T. -0.018 min
Lab File: BP020488.D
Acq: 03 Jun 2024 11:56

Tgt Ion:240 Resp: 1107913
Ion Ratio Lower Upper
240 100
120 11.2 8.5 12.7
236 25.8 20.5 30.7





#77

Benzidine

Concen: 6.000 ng

RT: 19.516 min Scan# 2810

Delta R.T. -0.017 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

Instrument :

BNA_P

ClientSampleId :

PB161236BL

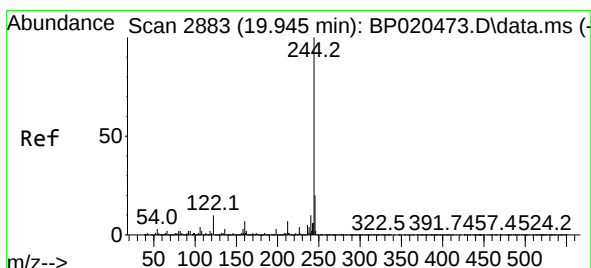
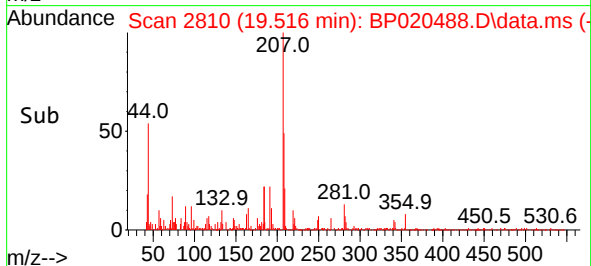
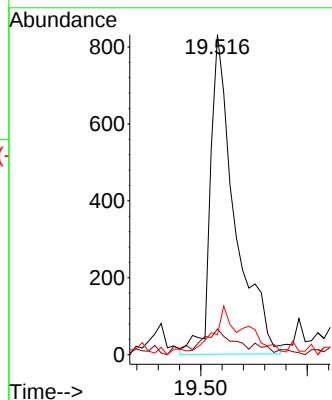
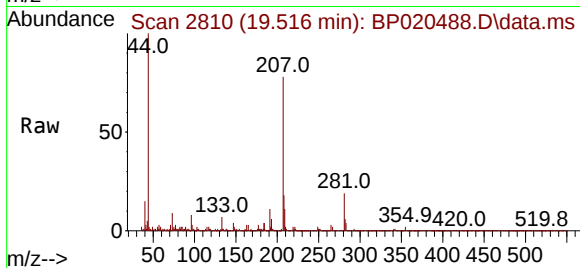
Tgt Ion:184 Resp: 1330

Ion Ratio Lower Upper

184 100

185 8.1 12.0 18.0#

183 6.3 9.4 14.0#



#79

Terphenyl-d14

Concen: 92.573 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

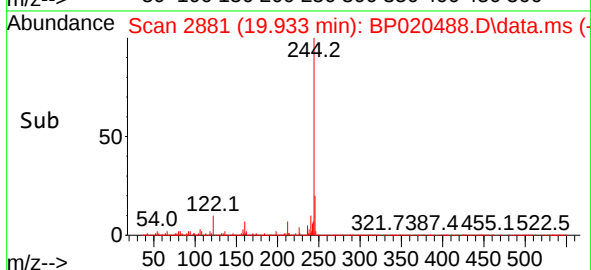
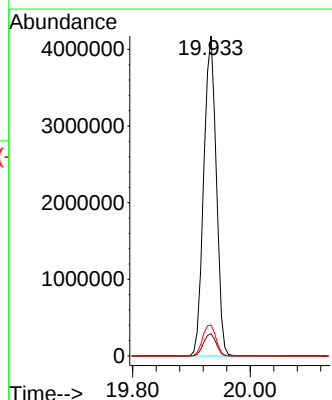
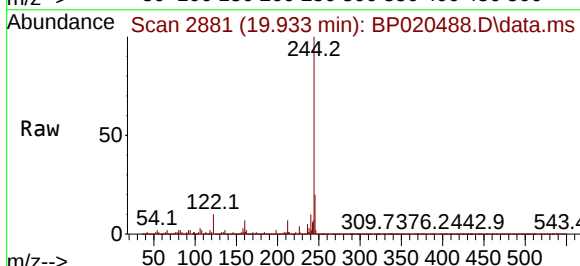
Tgt Ion:244 Resp: 6160949

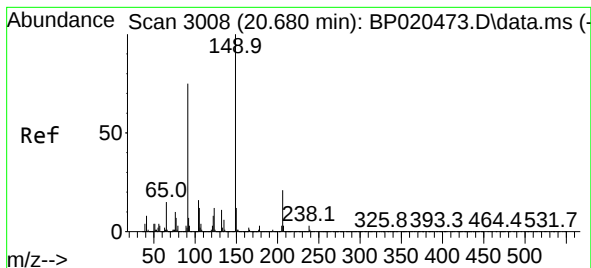
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.440 ng

RT: 20.669 min Scan# 3008

Delta R.T. -0.011 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

Instrument :

BNA_P

ClientSampleId :

PB161236BL

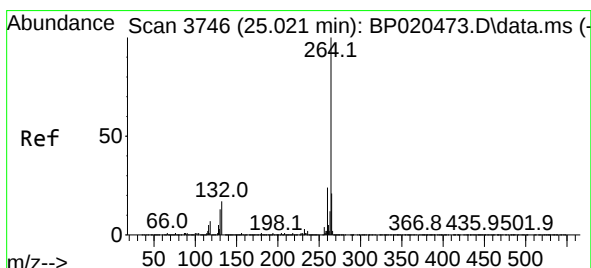
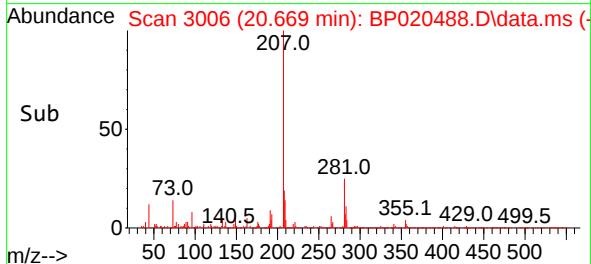
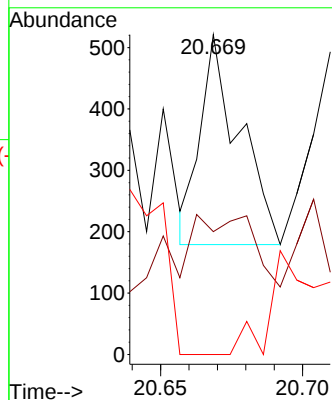
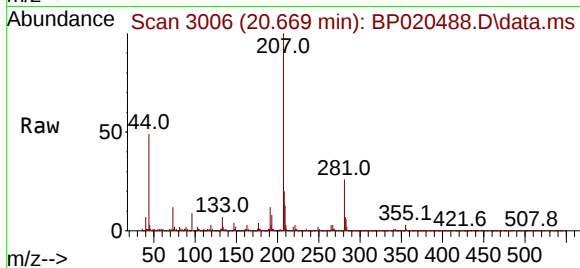
Tgt Ion:149 Resp: 327

Ion Ratio Lower Upper

149 100

91 38.4 60.0 90.0#

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3743

Delta R.T. -0.018 min

Lab File: BP020488.D

Acq: 03 Jun 2024 11:56

Tgt Ion:264 Resp: 1162256

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.5 17.4 26.0

