

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
 Data File : BP020624.D
 Acq On : 14 Jun 2024 13:50
 Operator : MA/JU
 Sample : PB161492BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161492BL

Quant Time: Jun 14 14:21:20 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)

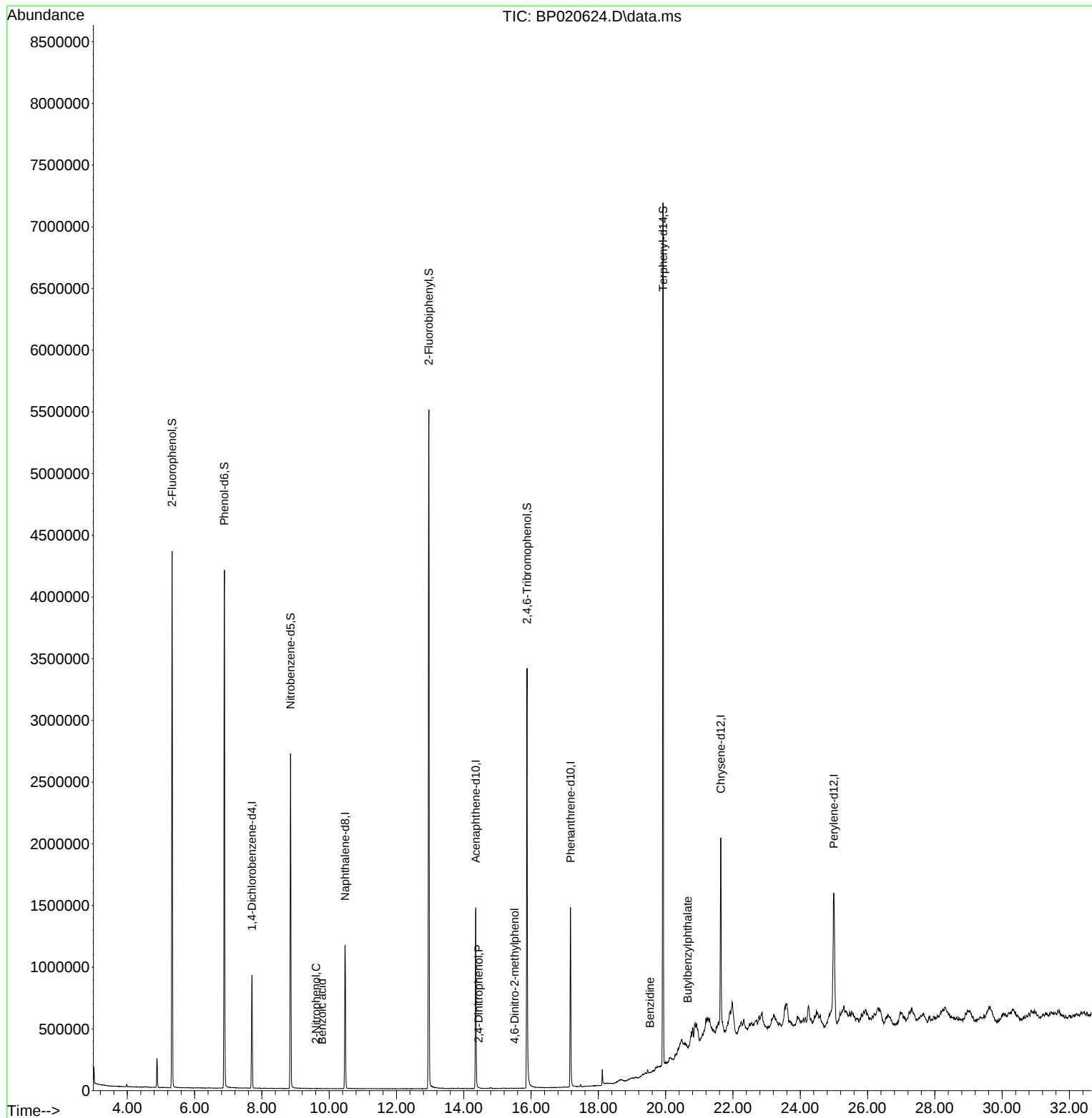
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	269668	20.000	ng	-0.06
21) Naphthalene-d8	10.475	136	1004350	20.000	ng	-0.06
39) Acenaphthene-d10	14.357	164	564345	20.000	ng	-0.03
64) Phenanthrene-d10	17.175	188	1022197	20.000	ng	-0.03
76) Chrysene-d12	21.639	240	926562	20.000	ng	-0.03
86) Perylene-d12	24.998	264	1296954	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1935784	128.526	ng	-0.04
7) Phenol-d6	6.887	99	2316588	109.065	ng	-0.05
23) Nitrobenzene-d5	8.852	82	1469431	80.088	ng	-0.07
42) 2,4,6-Tribromophenol	15.881	330	736217	125.703	ng	-0.03
45) 2-Fluorobiphenyl	12.963	172	3116780	82.330	ng	-0.04
79) Terphenyl-d14	19.922	244	3965977	71.255	ng	-0.02
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.610	139	93	3.803	ng	# 19
32) Benzoic acid	9.787	122	130	6.859	ng	# 59
54) 2,4-Dinitrophenol	14.445	184	70	4.997	ng	# 55
65) 4,6-Dinitro-2-methylph...	15.510	198	35	7.660	ng	# 1
77) Benzidine	19.539	184	2158	6.028	ng	# 47
80) Butylbenzylphthalate	20.657	149	932	2.463	ng	# 78

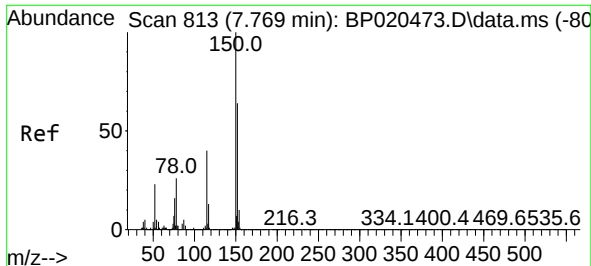
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
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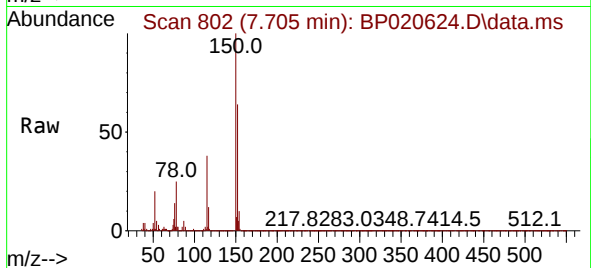
Quant Time: Jun 14 14:21:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
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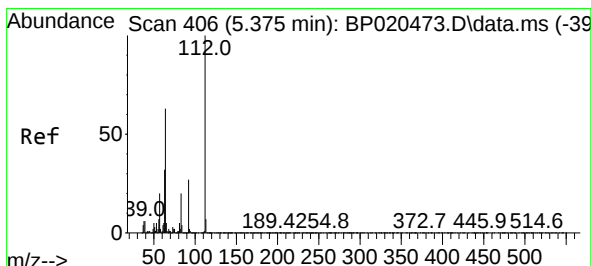
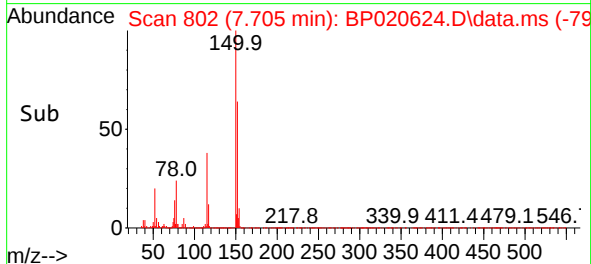
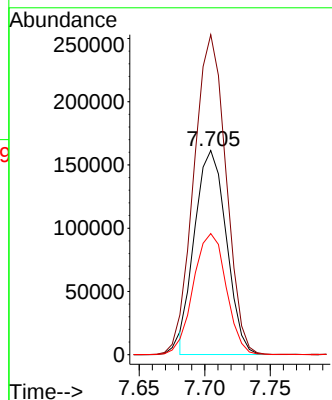


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 80
Delta R.T. -0.064 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Instrument :
BNA_P
ClientSampleId :
PB161492BL

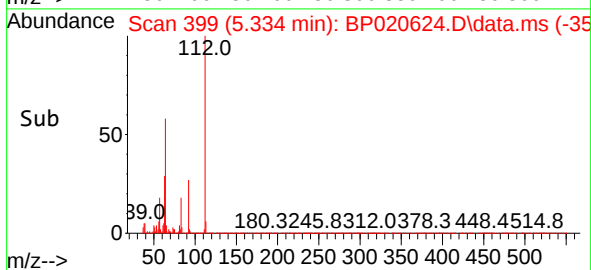
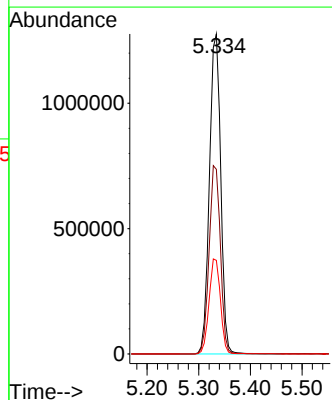
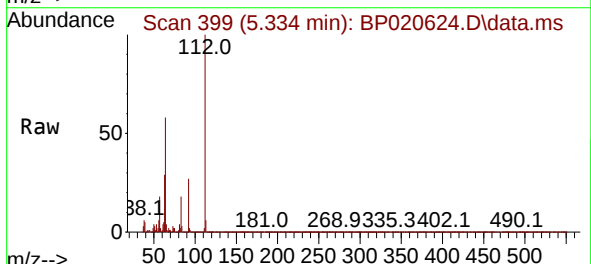


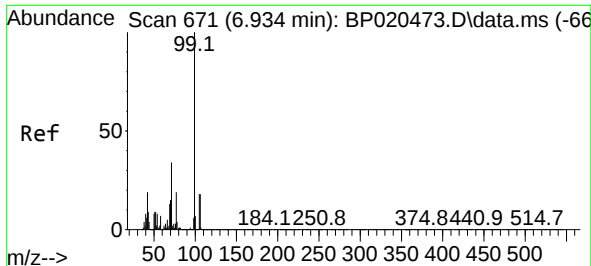
Tgt Ion:152 Resp: 269668
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 59.3 49.5 74.3



#5
2-Fluorophenol
Concen: 128.526 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.041 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:112 Resp: 1935784
Ion Ratio Lower Upper
112 100
64 57.7 50.1 75.1
63 29.2 25.7 38.5

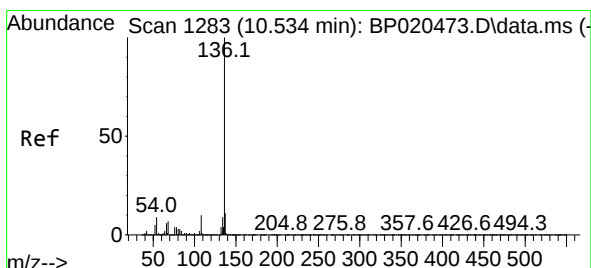
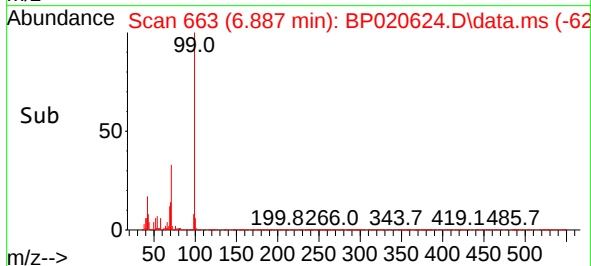
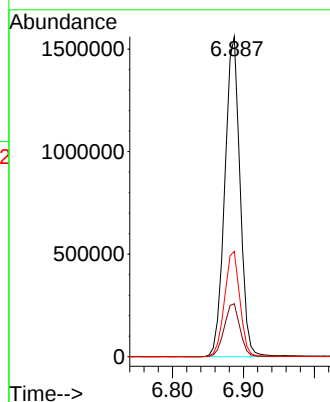
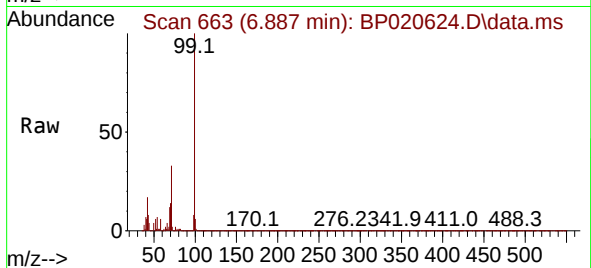




#7
Phenol-d6
Concen: 109.065 ng
RT: 6.887 min Scan# 60
Delta R.T. -0.047 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

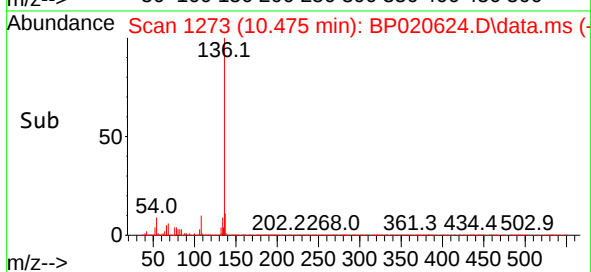
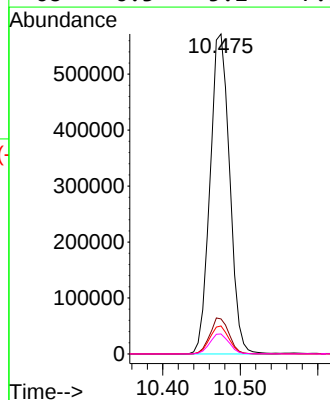
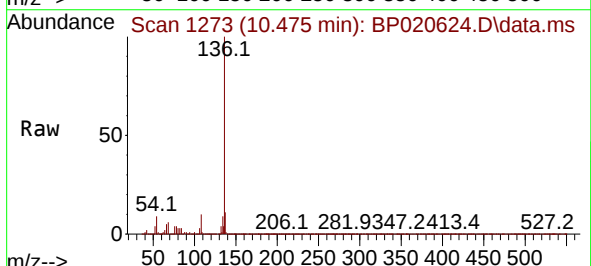
Instrument :
BNA_P
ClientSampleId :
PB161492BL

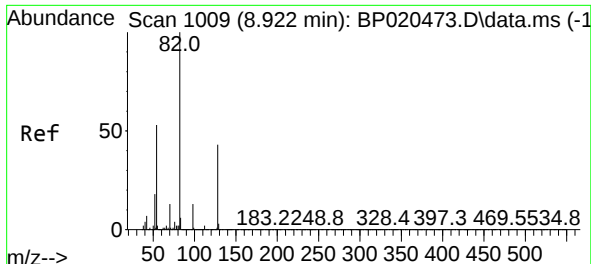
Tgt Ion: 99 Resp: 2316588
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.4
71 32.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.059 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion: 136 Resp: 1004350
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.8 7.4 11.0
68 6.3 5.2 7.8

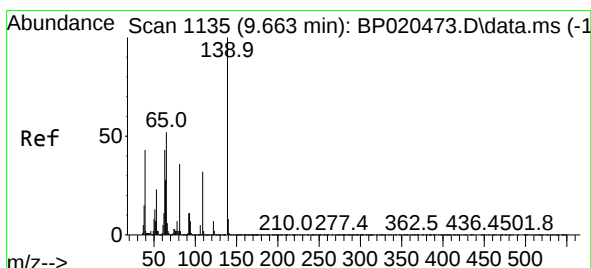
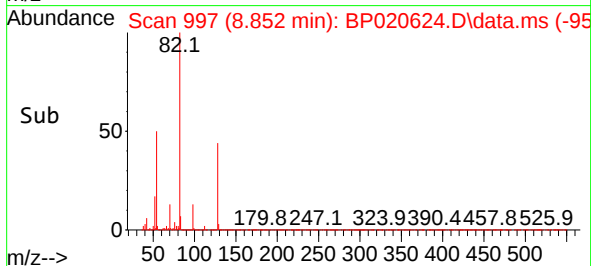
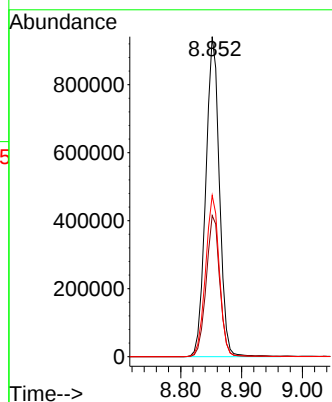
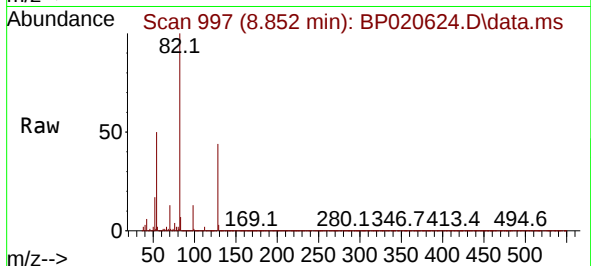




#23
Nitrobenzene-d5
Concen: 80.088 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.071 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

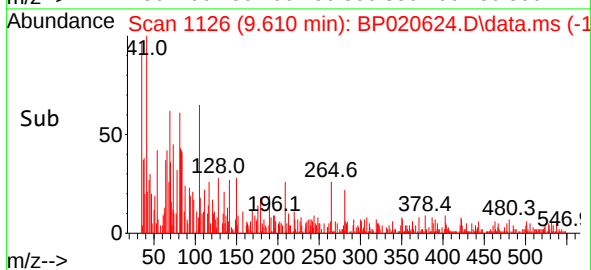
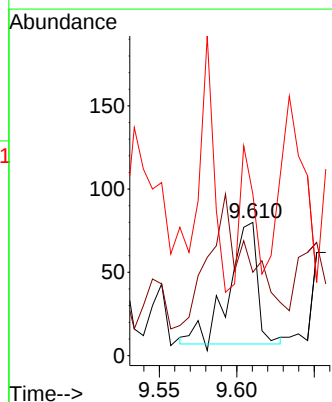
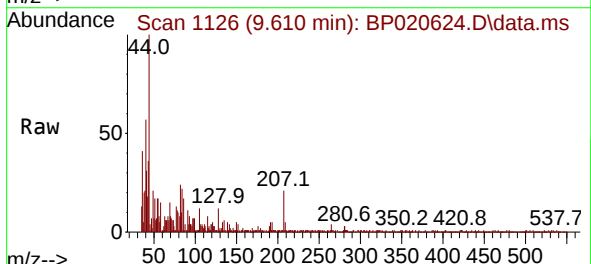
Instrument :
BNA_P
ClientSampleId :
PB161492BL

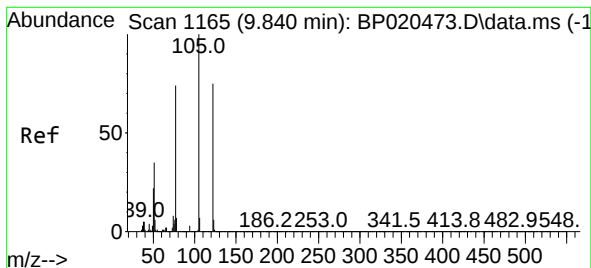
Tgt Ion: 82 Resp: 1469431
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.4
54 50.4 42.7 64.1



#26
2-Nitrophenol
Concen: 3.803 ng
RT: 9.610 min Scan# 1126
Delta R.T. -0.053 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:139 Resp: 93
Ion Ratio Lower Upper
139 100
109 62.5 25.8 38.8#
65 121.3 41.8 62.8#





#32

Benzoic acid

Concen: 6.859 ng

RT: 9.787 min Scan# 1165

Delta R.T. -0.053 min

Lab File: BP020624.D

Acq: 14 Jun 2024 13:50

Instrument :

BNA_P

ClientSampleId :

PB161492BL

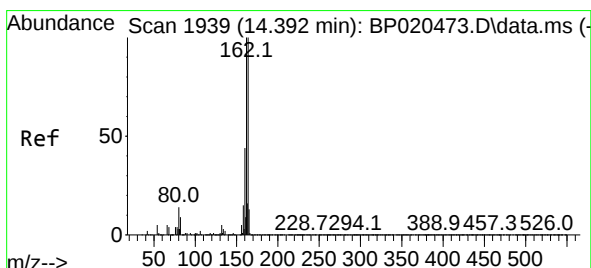
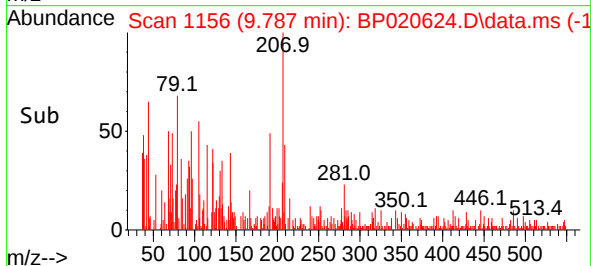
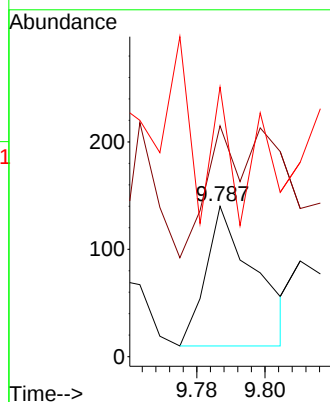
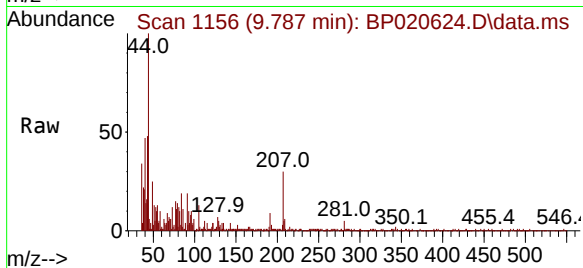
Tgt Ion:122 Resp: 130

Ion Ratio Lower Upper

122 100

105 145.3 107.5 147.5

77 169.6 76.1 116.1#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.357 min Scan# 1933

Delta R.T. -0.035 min

Lab File: BP020624.D

Acq: 14 Jun 2024 13:50

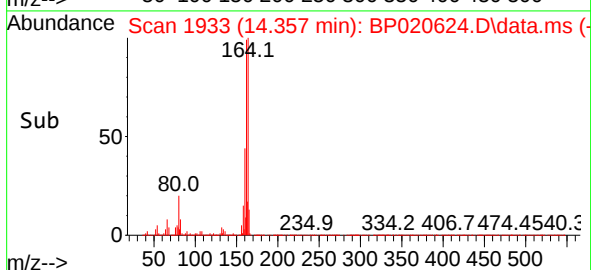
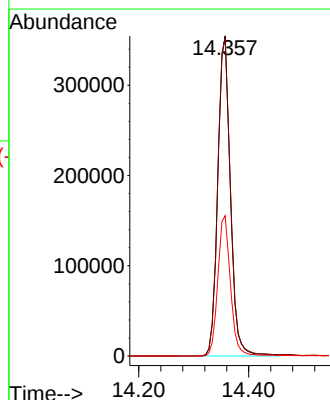
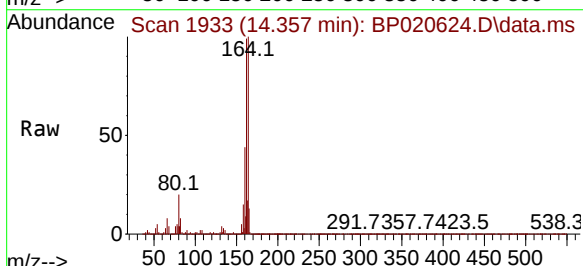
Tgt Ion:164 Resp: 564345

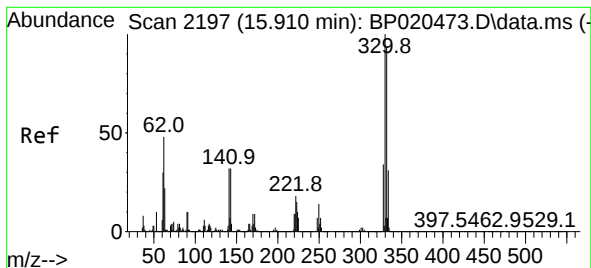
Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

160 43.9 35.4 53.2

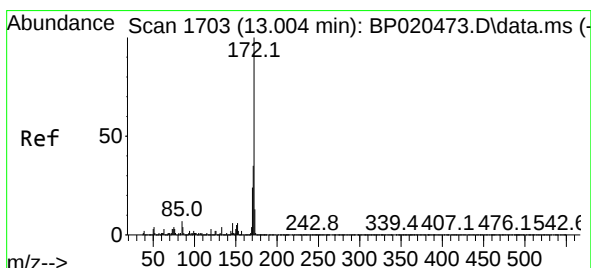
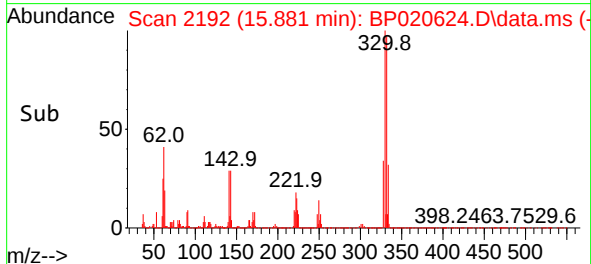
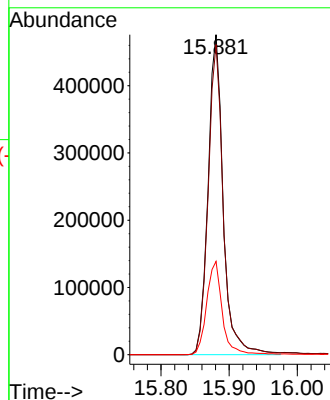
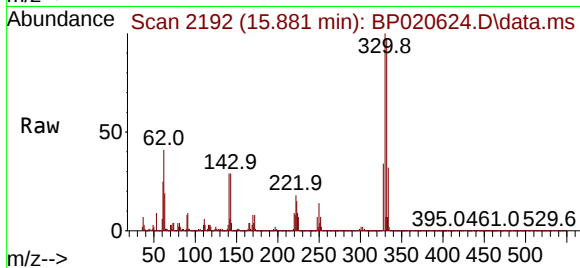




#42
2,4,6-Tribromophenol
Concen: 125.703 ng
RT: 15.881 min Scan# 2197
Delta R.T. -0.029 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

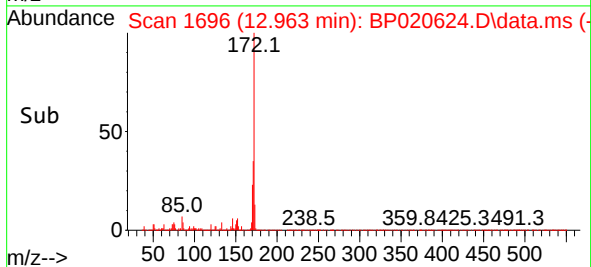
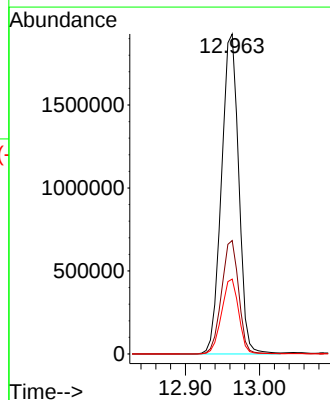
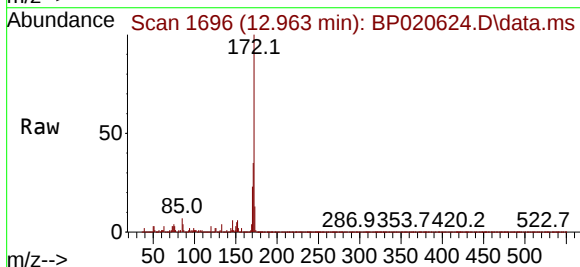
Instrument :
BNA_P
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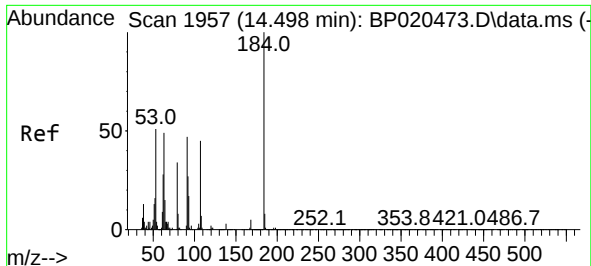
Tgt Ion:330 Resp: 736217
Ion Ratio Lower Upper
330 100
332 96.6 76.6 114.8
141 30.2 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 82.330 ng
RT: 12.963 min Scan# 1696
Delta R.T. -0.041 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:172 Resp: 3116780
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 18.9 28.3

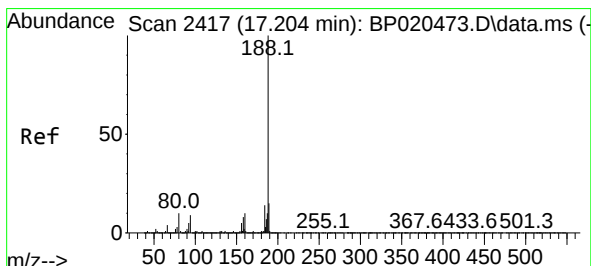
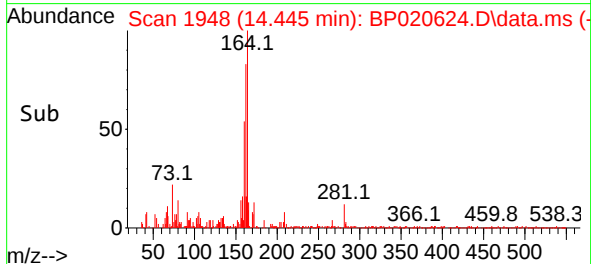
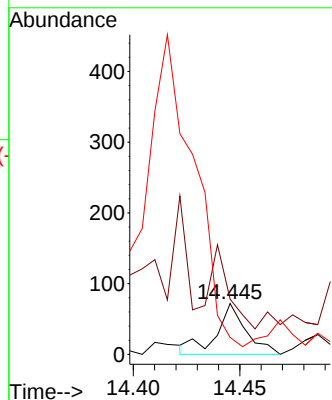
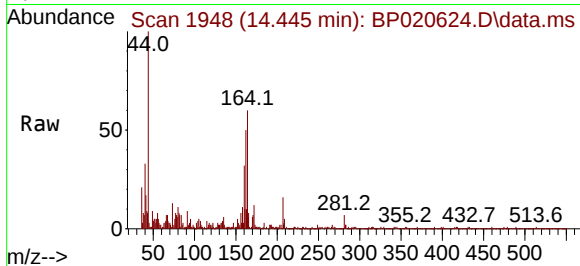




#54
2,4-Dinitrophenol
Concen: 4.997 ng
RT: 14.445 min Scan# 1957
Delta R.T. -0.053 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

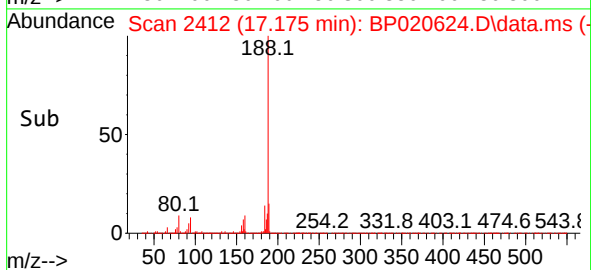
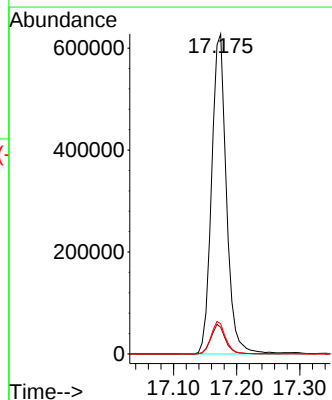
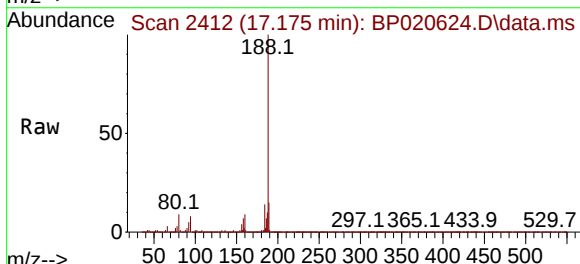
Instrument :
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PB161492BL

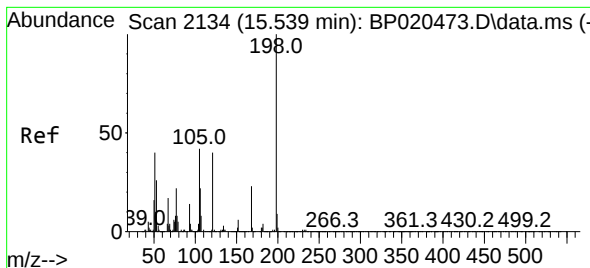
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 108.3 54.2 81.4#
154 33.3 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.029 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:188 Resp: 1022197
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.5 8.1 12.1

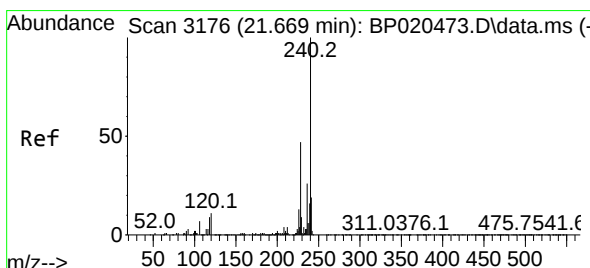
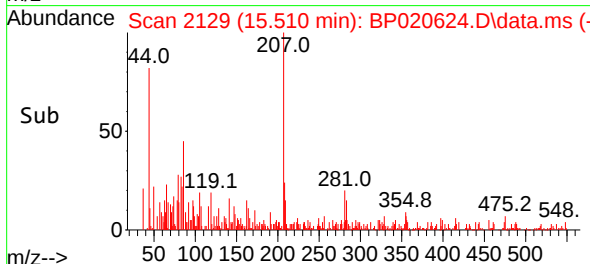
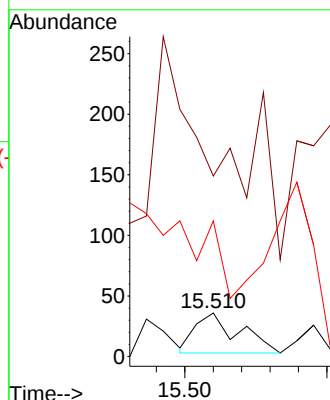
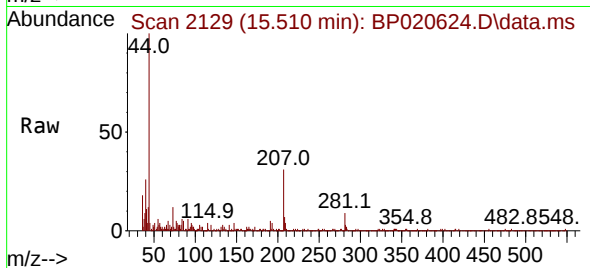




#65
4,6-Dinitro-2-methylphenol
Concen: 7.660 ng
RT: 15.510 min Scan# 2134
Delta R.T. -0.029 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

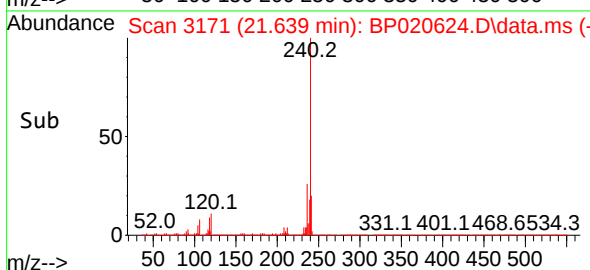
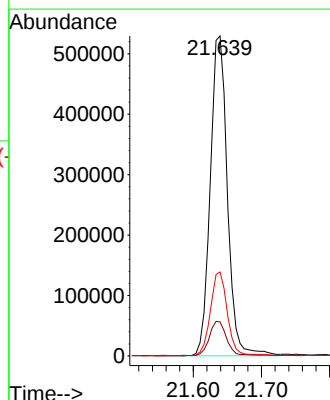
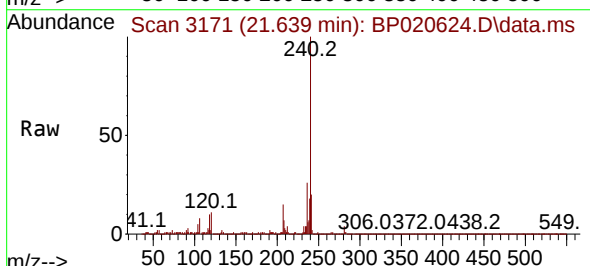
Instrument :
BNA_P
ClientSampleId :
PB161492BL

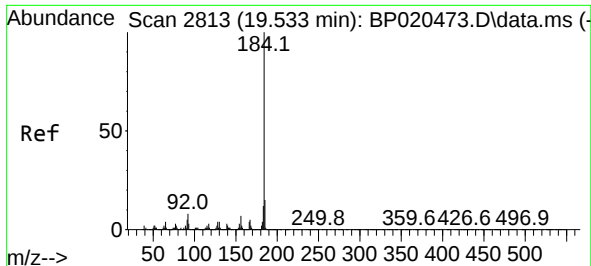
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 413.9 24.8 64.8#
105 311.1 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3171
Delta R.T. -0.029 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:240 Resp: 926562
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 26.3 20.5 30.7

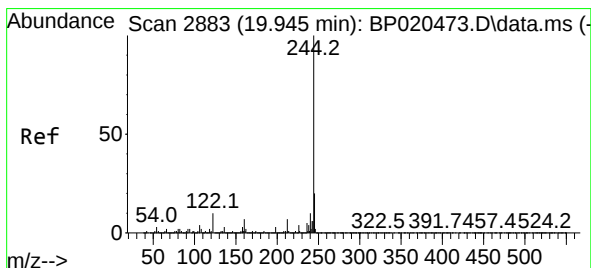
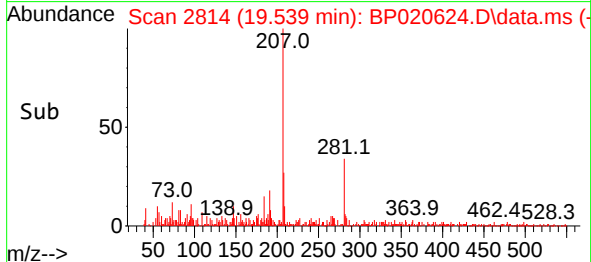
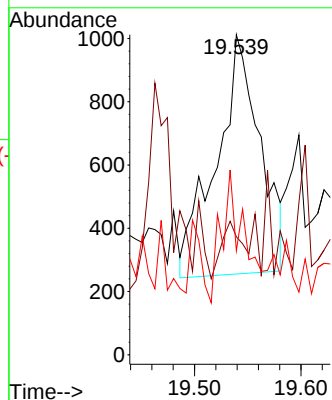
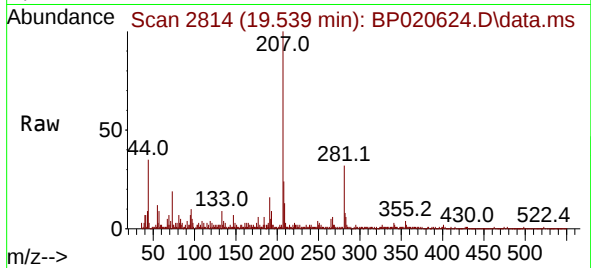




#77
Benzidine
Concen: 6.028 ng
RT: 19.539 min Scan# 2813
Delta R.T. 0.006 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

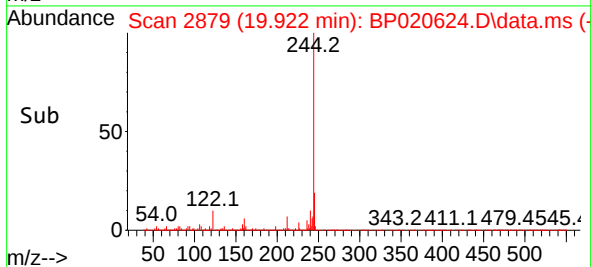
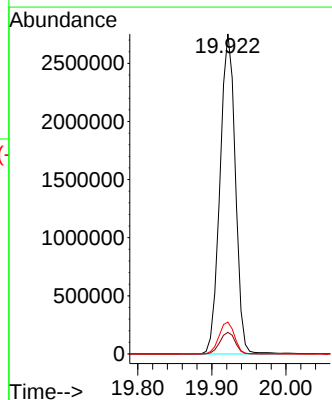
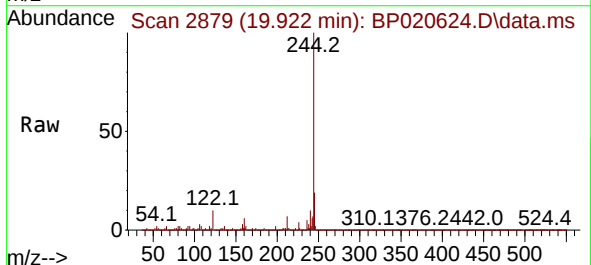
Instrument :
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ClientSampleId :
PB161492BL

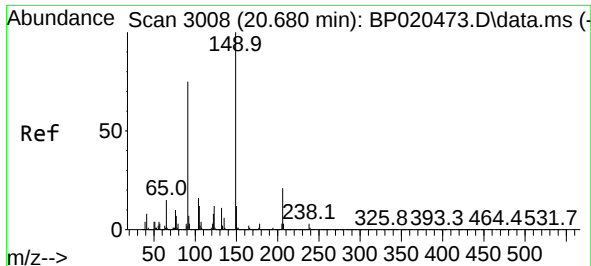
Tgt Ion:184 Resp: 2158
Ion Ratio Lower Upper
184 100
185 36.9 12.0 18.0#
183 32.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 71.255 ng
RT: 19.922 min Scan# 2879
Delta R.T. -0.023 min
Lab File: BP020624.D
Acq: 14 Jun 2024 13:50

Tgt Ion:244 Resp: 3965977
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.9 8.2 12.2

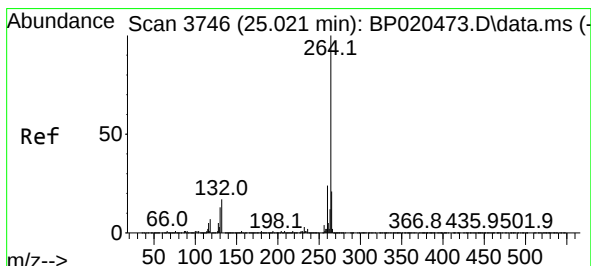
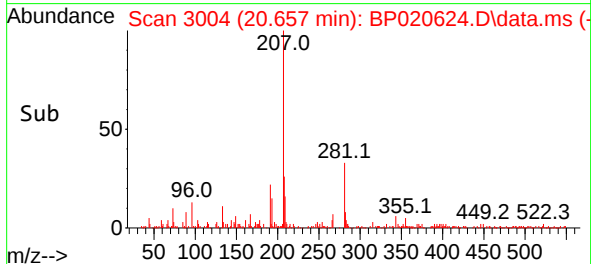
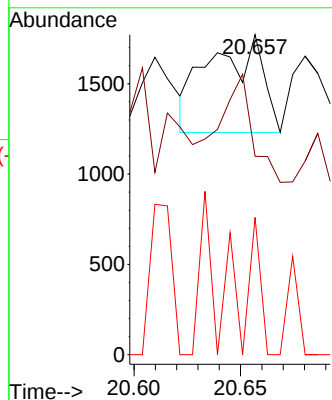
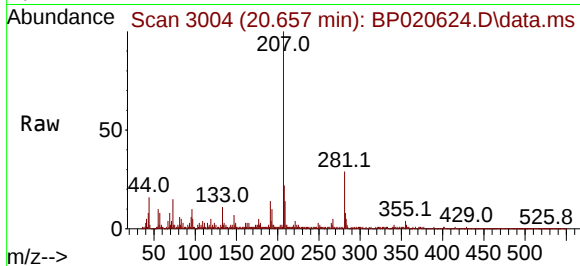




#80
 Butylbenzylphthalate
 Concen: 2.463 ng
 RT: 20.657 min Scan# 3008
 Delta R.T. -0.023 min
 Lab File: BP020624.D
 Acq: 14 Jun 2024 13:50

Instrument :
 BNA_P
 ClientSampleId :
 PB161492BL

Tgt Ion:149 Resp: 932
 Ion Ratio Lower Upper
 149 100
 91 62.0 60.0 90.0
 206 42.9 16.6 25.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3742
 Delta R.T. -0.024 min
 Lab File: BP020624.D
 Acq: 14 Jun 2024 13:50

Tgt Ion:264 Resp: 1296954
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.9 28.3
 265 21.6 17.4 26.0

