

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020524.D
 Acq On : 05 Jun 2024 19:46
 Operator : MA/JU
 Sample : P2689-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-05312024

Quant Time: Jun 06 01:14:27 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)

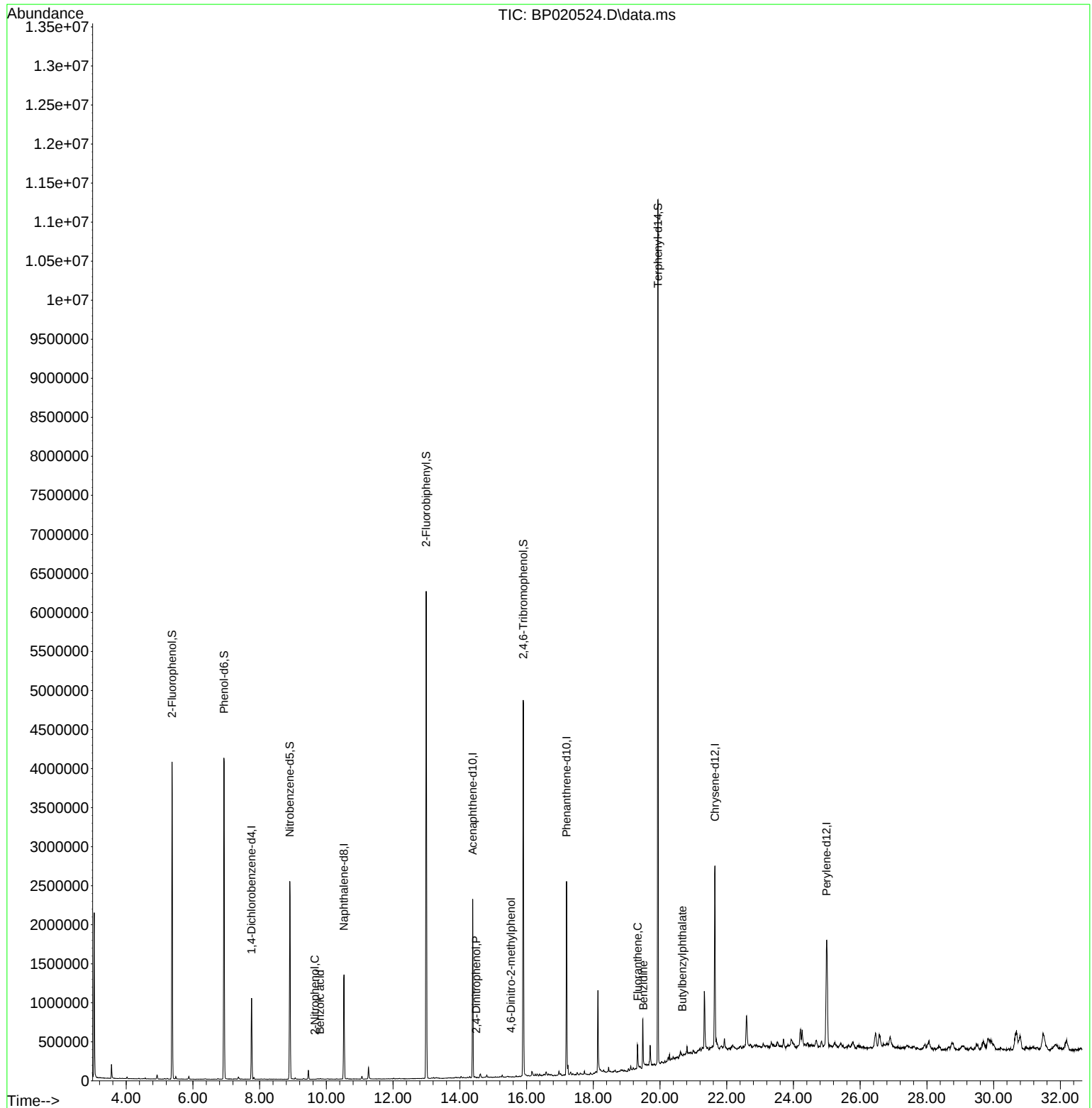
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	291591	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	1146402	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	700842	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1512852	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1405084	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1595262	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1775050	108.993	ng	0.00
7) Phenol-d6	6.928	99	2333181	101.587	ng	0.00
23) Nitrobenzene-d5	8.905	82	1443718	68.937	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	988975	135.972	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	3384697	71.994	ng	-0.01
79) Terphenyl-d14	19.939	244	5445957	64.523	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.652	139	29	3.794	ng	# 1
32) Benzoic acid	9.810	122	456	6.882	ng	# 57
54) 2,4-Dinitrophenol	14.493	184	40	4.985	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.534	198	38	7.658	ng	# 1
75) Fluoranthene	19.328	202	180308	2.049	ng	97
77) Benzidine	19.498	184	347	5.977	ng	# 1
80) Butylbenzylphthalate	20.669	149	905	2.451	ng	# 63

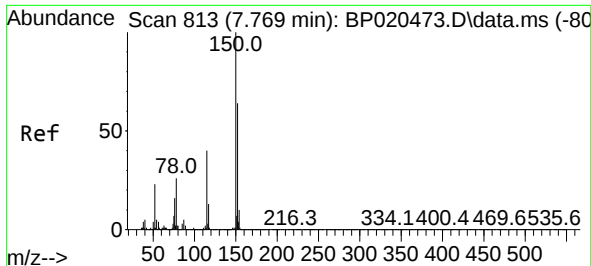
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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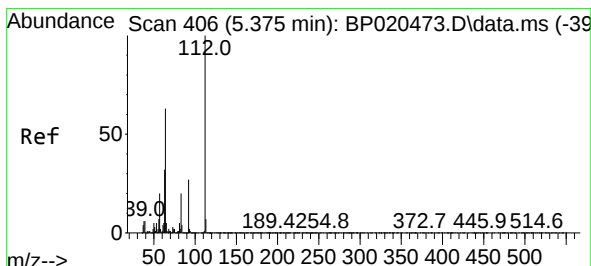
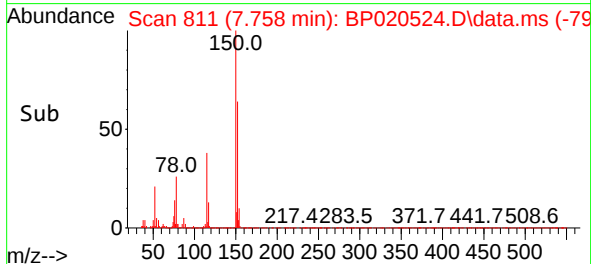
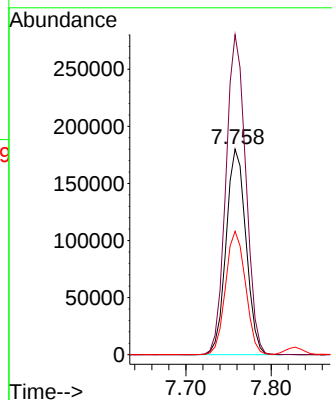
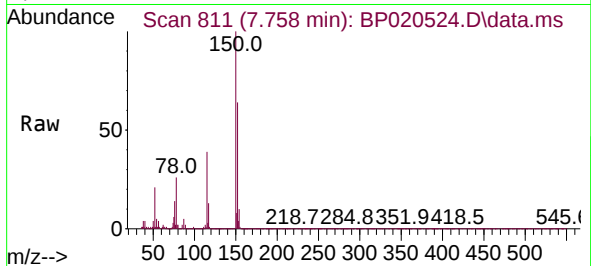




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 813
Delta R.T. -0.011 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

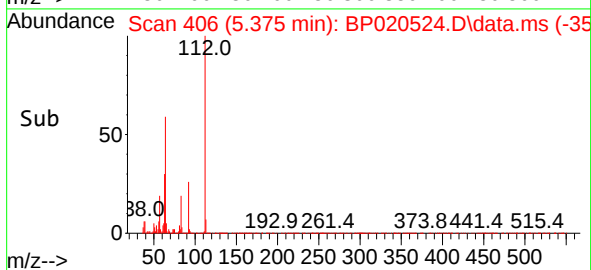
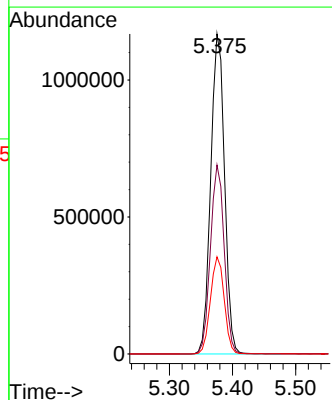
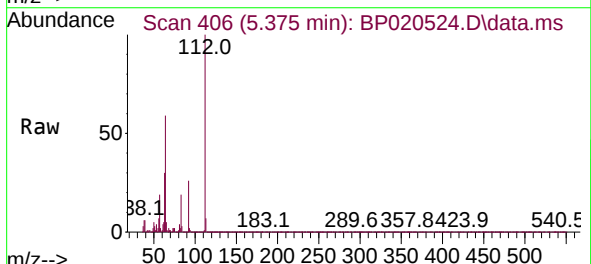
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

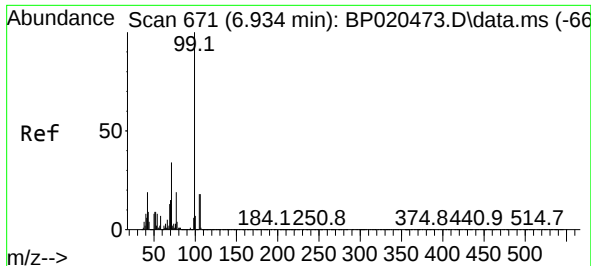
Tgt Ion:152 Resp: 291591
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 60.0 49.5 74.3



#5
2-Fluorophenol
Concen: 108.993 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:112 Resp: 1775050
Ion Ratio Lower Upper
112 100
64 59.1 50.1 75.1
63 30.4 25.7 38.5

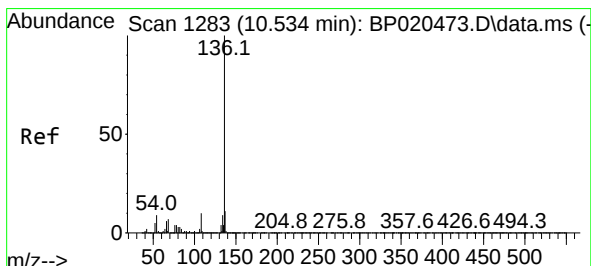
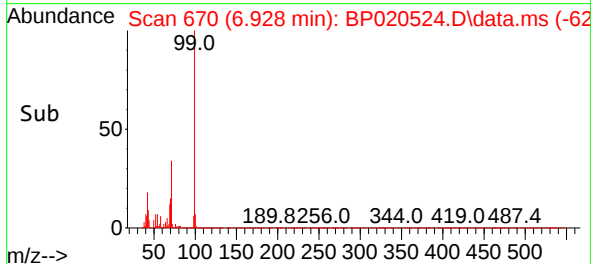
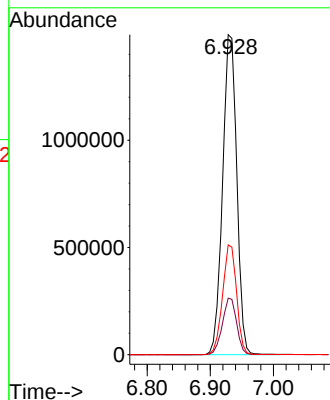
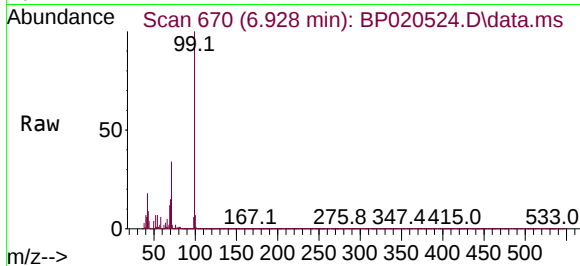




#7
Phenol-d6
Concen: 101.587 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

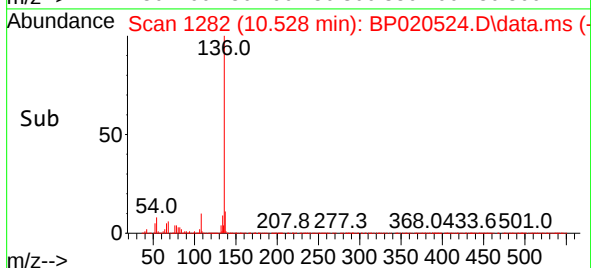
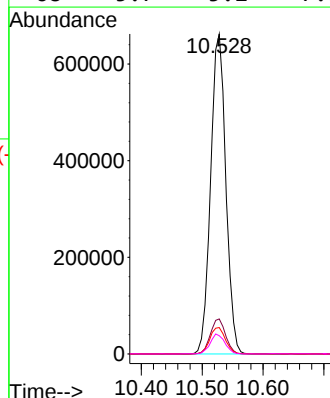
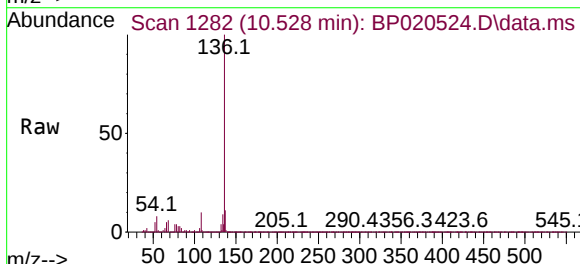
Instrument :
BNA_P
ClientSampleId :
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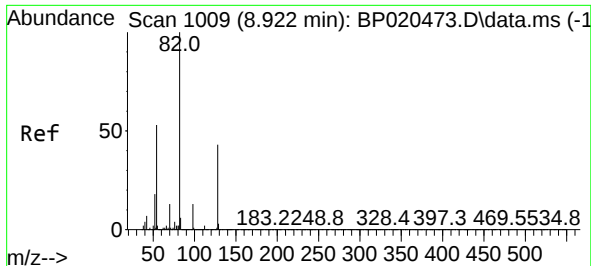
Tgt Ion: 99 Resp: 2333181
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.4
71 34.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:136 Resp: 1146402
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.3 7.4 11.0
68 5.7 5.2 7.8

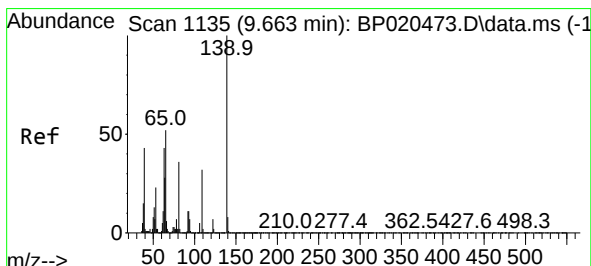
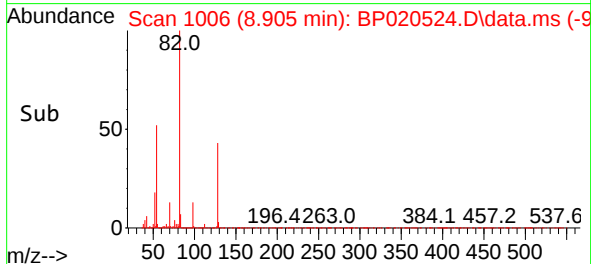
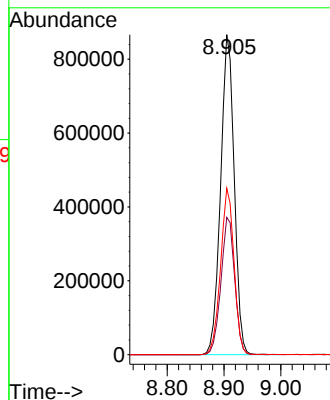
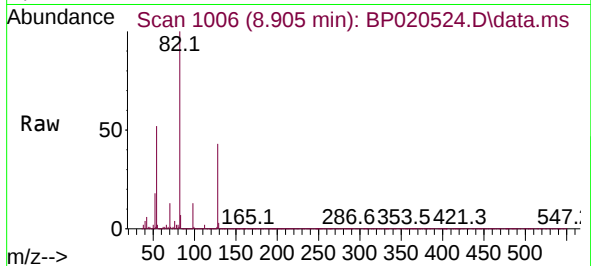




#23
Nitrobenzene-d5
Concen: 68.937 ng
RT: 8.905 min Scan# 1006
Delta R.T. -0.018 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

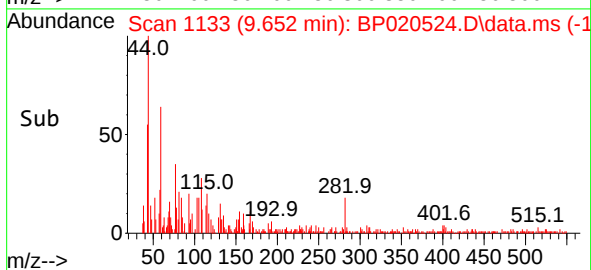
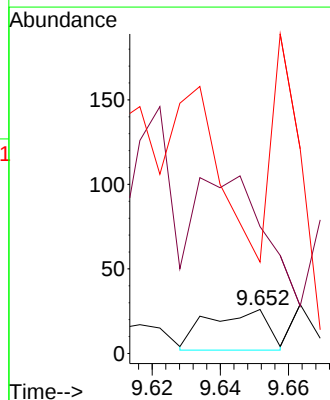
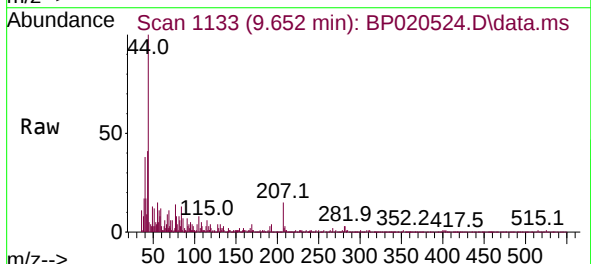
Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

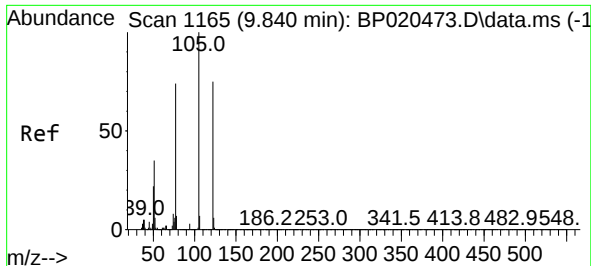
Tgt Ion: 82 Resp: 1443718
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 52.0 42.7 64.1



#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion: 139 Resp: 29
Ion Ratio Lower Upper
139 100
109 288.5 25.8 38.8#
65 207.7 41.8 62.8#

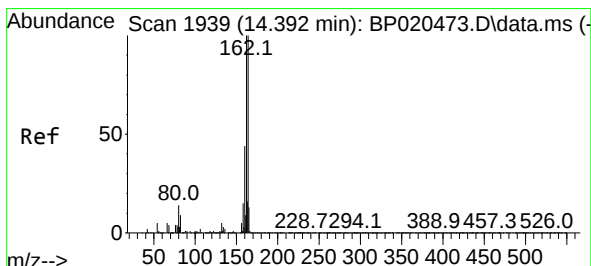
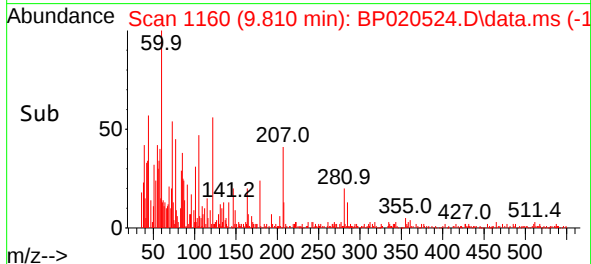
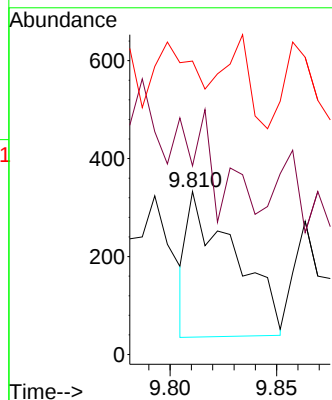
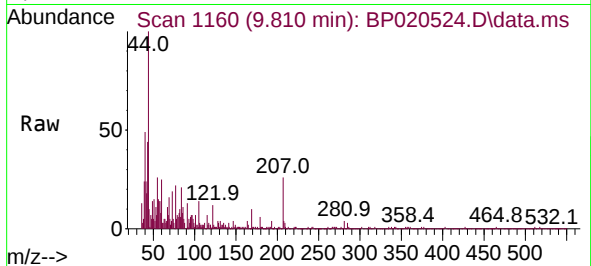




#32
Benzoic acid
Concen: 6.882 ng
RT: 9.810 min Scan# 1165
Delta R.T. -0.030 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

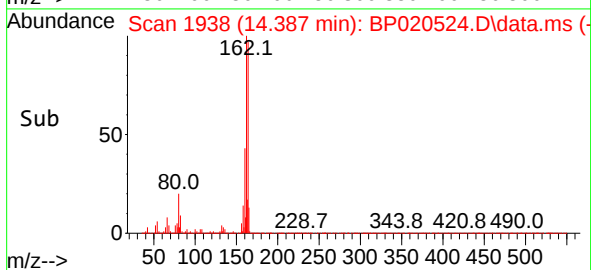
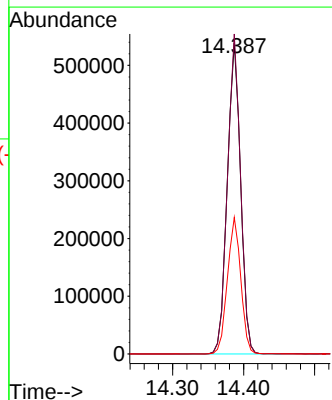
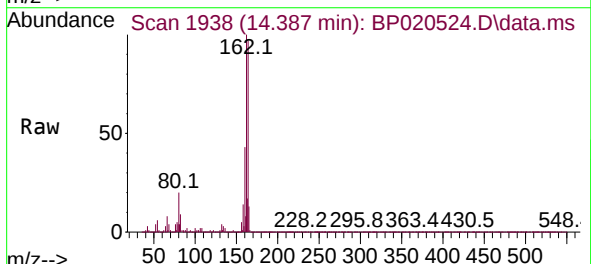
Instrument :
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ClientSampleId :
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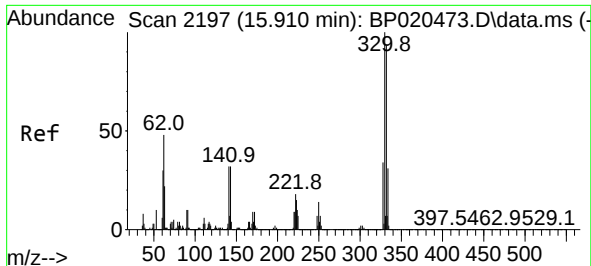
Tgt Ion:122 Resp: 456
Ion Ratio Lower Upper
122 100
105 115.6 107.5 147.5
77 179.9 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:164 Resp: 700842
Ion Ratio Lower Upper
164 100
162 102.9 80.3 120.5
160 43.9 35.4 53.2

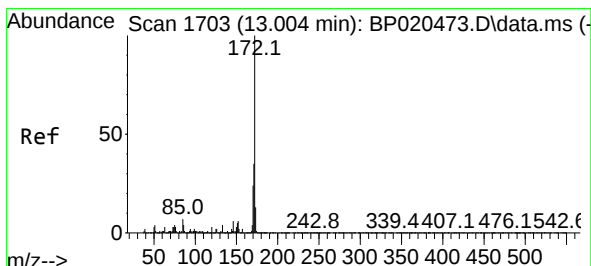
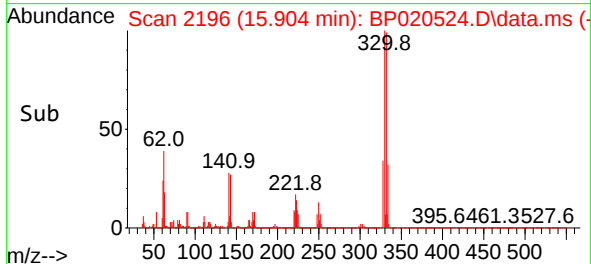
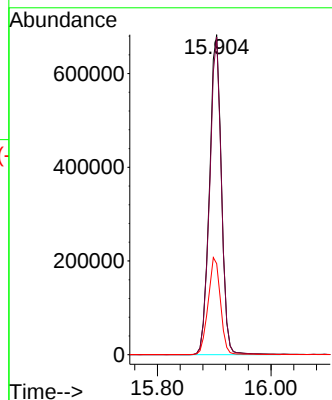
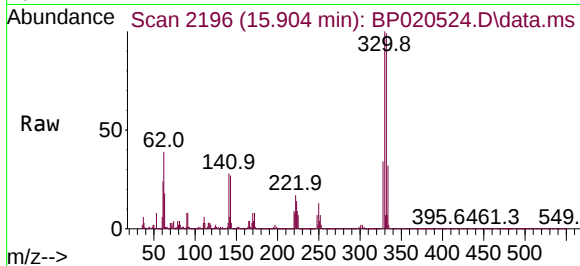




#42
2,4,6-Tribromophenol
Concen: 135.972 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

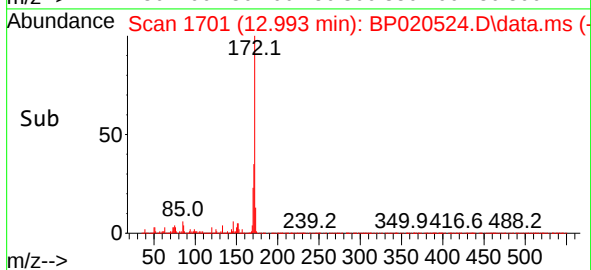
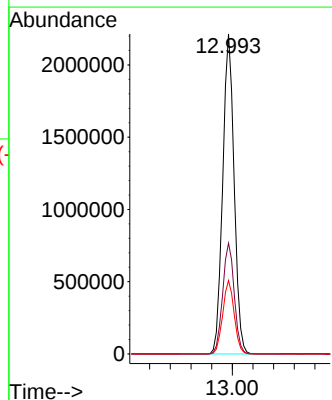
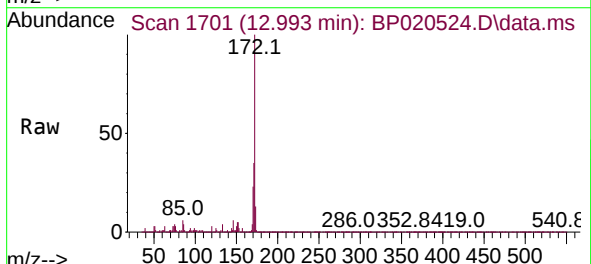
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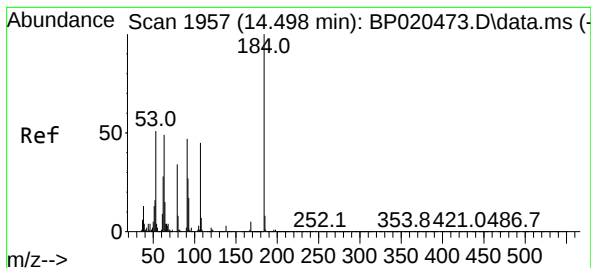
Tgt Ion:330 Resp: 988975
Ion Ratio Lower Upper
330 100
332 97.7 76.6 114.8
141 31.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 71.994 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:172 Resp: 3384697
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.0 18.9 28.3

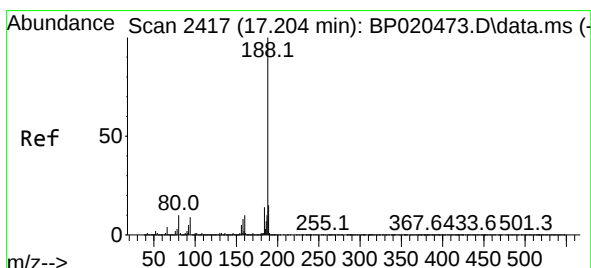
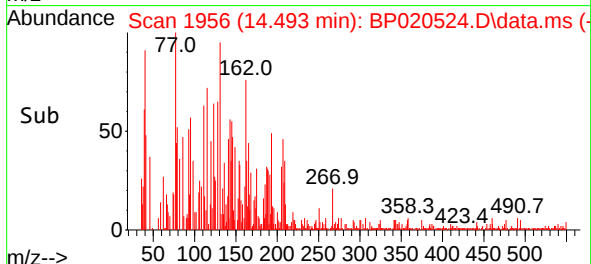
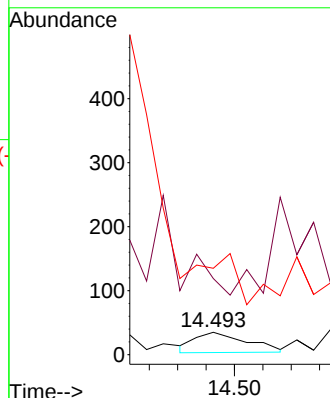
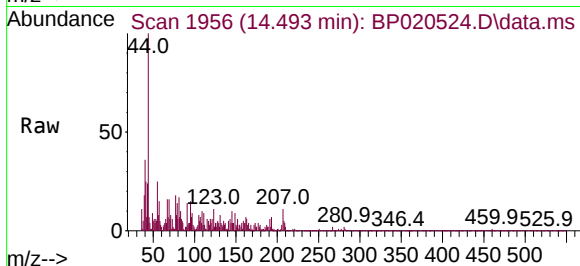




#54
2,4-Dinitrophenol
Concen: 4.985 ng
RT: 14.493 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

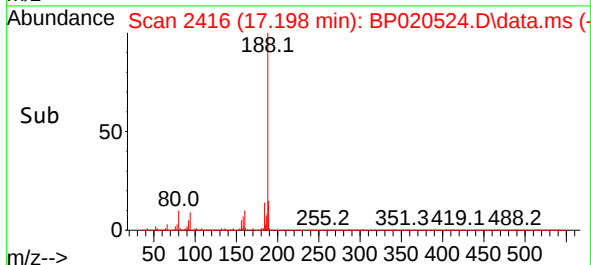
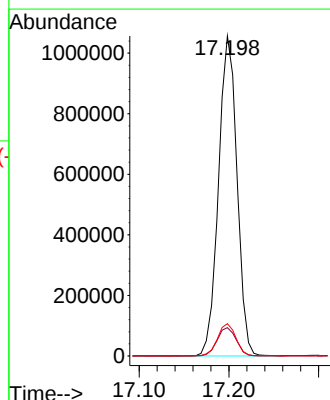
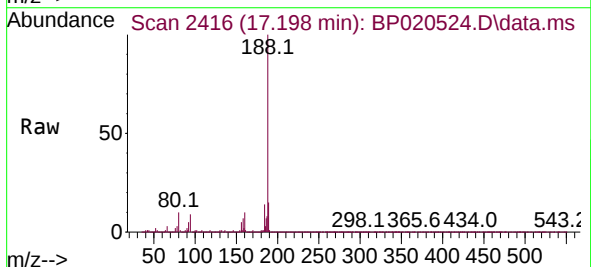
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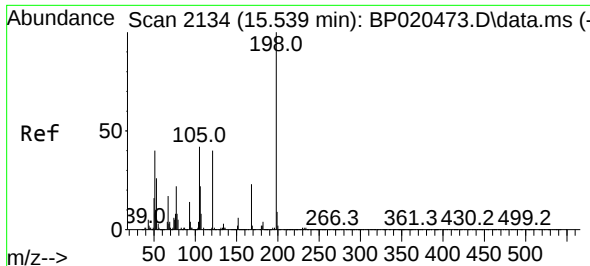
Tgt Ion:184 Resp: 40
Ion Ratio Lower Upper
184 100
63 340.0 54.2 81.4#
154 714.3 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:188 Resp: 1512852
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 10.1 8.1 12.1

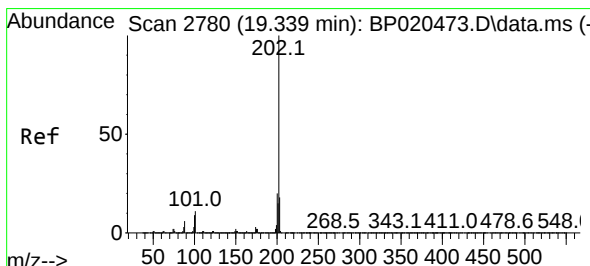
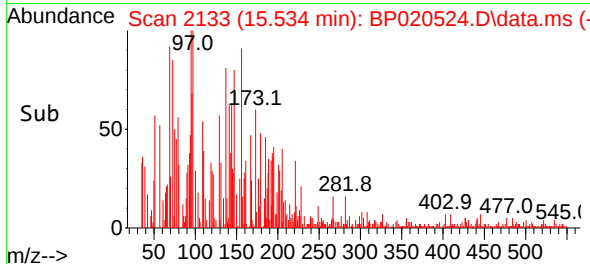
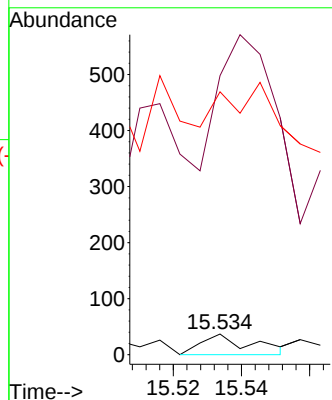
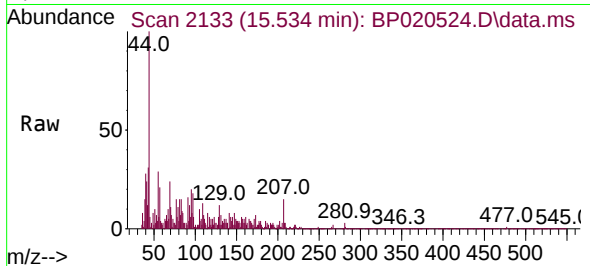




#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 15.534 min Scan# 2134
Delta R.T. -0.005 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

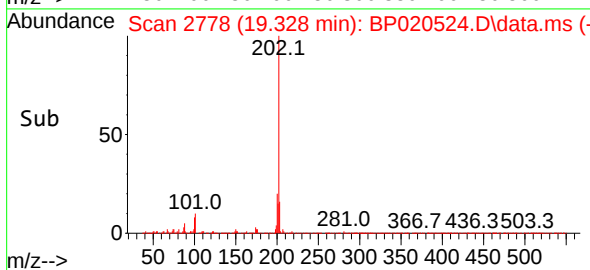
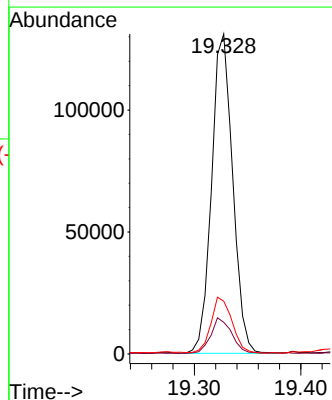
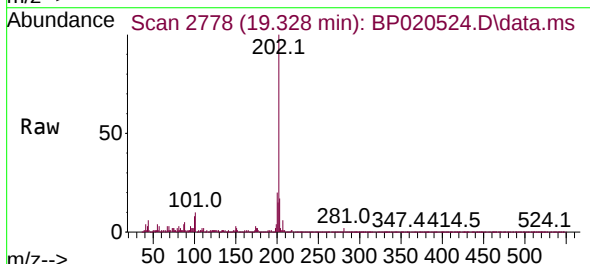
Instrument :
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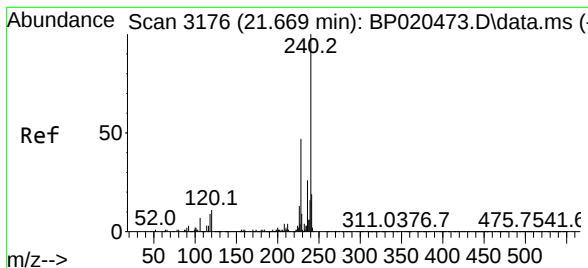
Tgt Ion:198 Resp: 38
Ion Ratio Lower Upper
198 100
51 1345.9 24.8 64.8#
105 1267.6 23.2 63.2#



#75
Fluoranthene
Concen: 2.049 ng
RT: 19.328 min Scan# 2778
Delta R.T. -0.012 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Tgt Ion:202 Resp: 180308
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 16.5 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP020524.D

Acq: 05 Jun 2024 19:46

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

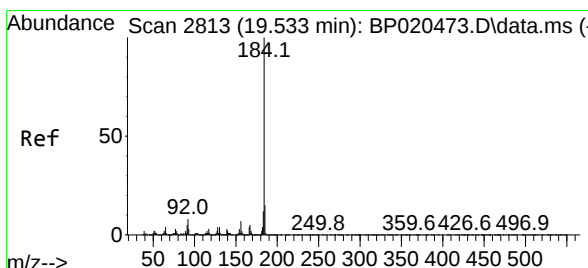
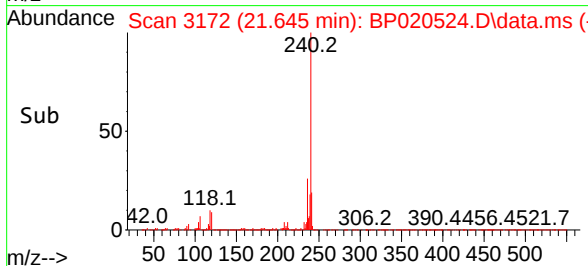
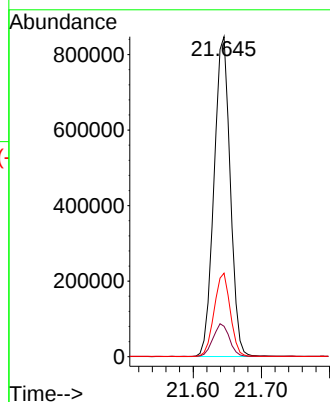
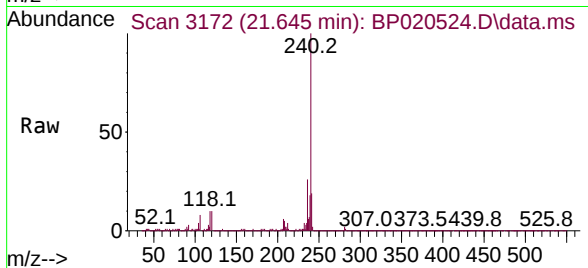
Tgt Ion:240 Resp: 1405084

Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

236 26.1 20.5 30.7



#77

Benzidine

Concen: 5.977 ng

RT: 19.498 min Scan# 2807

Delta R.T. -0.035 min

Lab File: BP020524.D

Acq: 05 Jun 2024 19:46

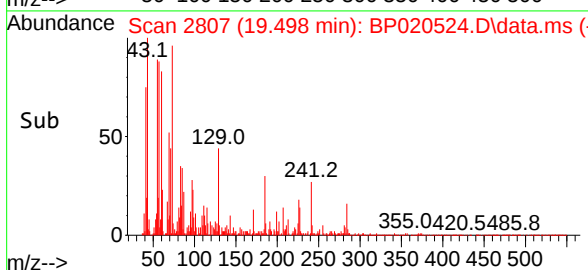
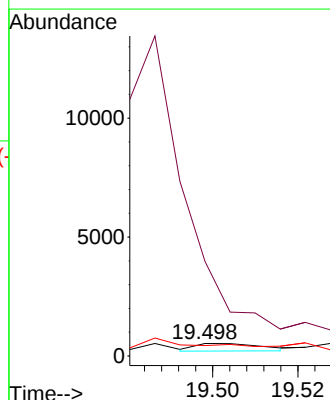
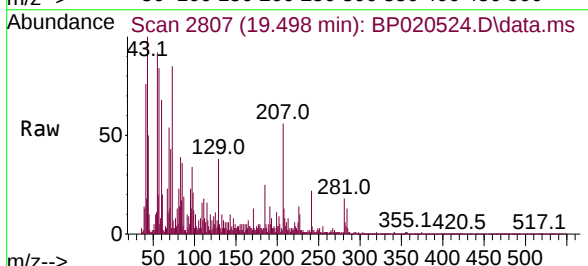
Tgt Ion:184 Resp: 347

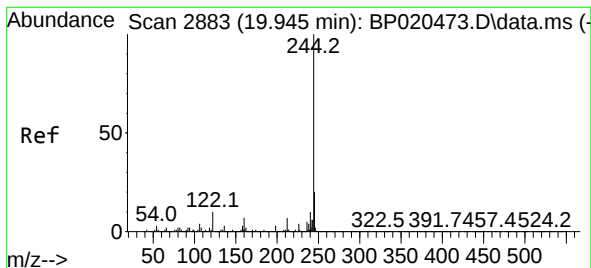
Ion Ratio Lower Upper

184 100

185 756.3 12.0 18.0#

183 83.7 9.4 14.0#





#79

Terphenyl-d14

Concen: 64.523 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP020524.D

Acq: 05 Jun 2024 19:46

Instrument :

BNA_P

ClientSampleId :

BU-03-05312024

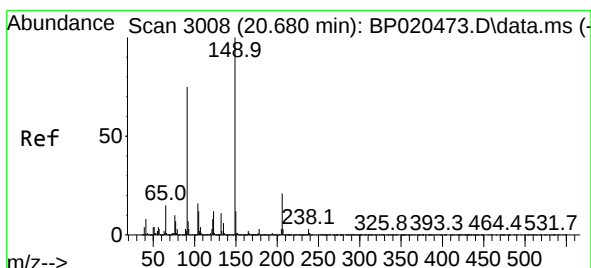
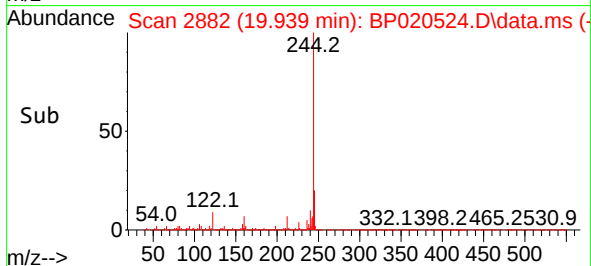
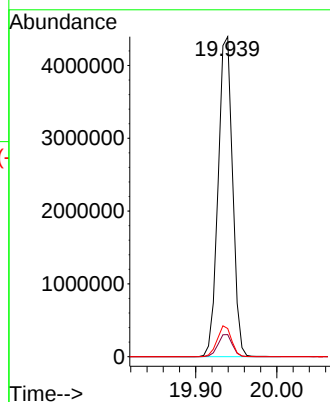
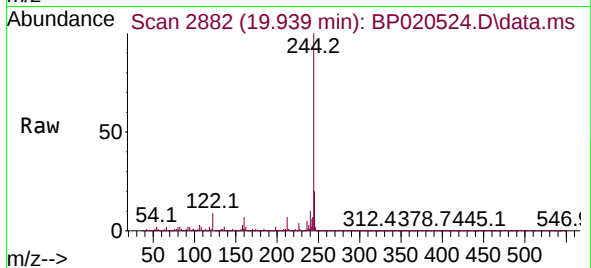
Tgt Ion:244 Resp: 5445957

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 8.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 2.451 ng

RT: 20.669 min Scan# 3006

Delta R.T. -0.011 min

Lab File: BP020524.D

Acq: 05 Jun 2024 19:46

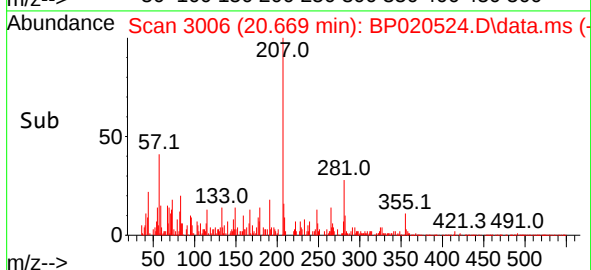
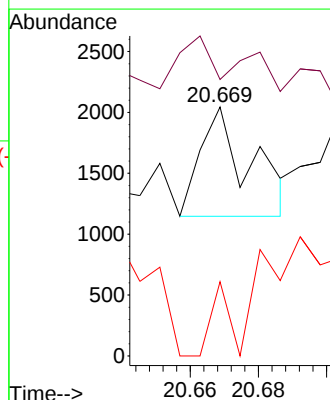
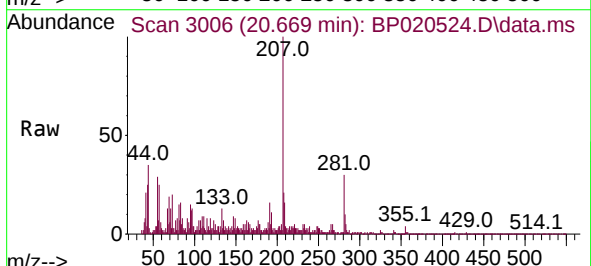
Tgt Ion:149 Resp: 905

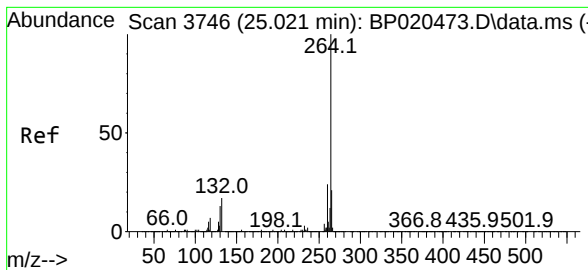
Ion Ratio Lower Upper

149 100

91 111.1 60.0 90.0#

206 29.8 16.6 25.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.992 min Scan# 31
Delta R.T. -0.029 min
Lab File: BP020524.D
Acq: 05 Jun 2024 19:46

Instrument :
BNA_P
ClientSampleId :
BU-03-05312024

Tgt Ion:264 Resp: 1595262

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.2	17.4	26.0

