

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060724\
 Data File : BP020557.D
 Acq On : 07 Jun 2024 12:29
 Operator : MA/JU
 Sample : PB161307BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161307BL

Quant Time: Jun 07 13:29:14 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)

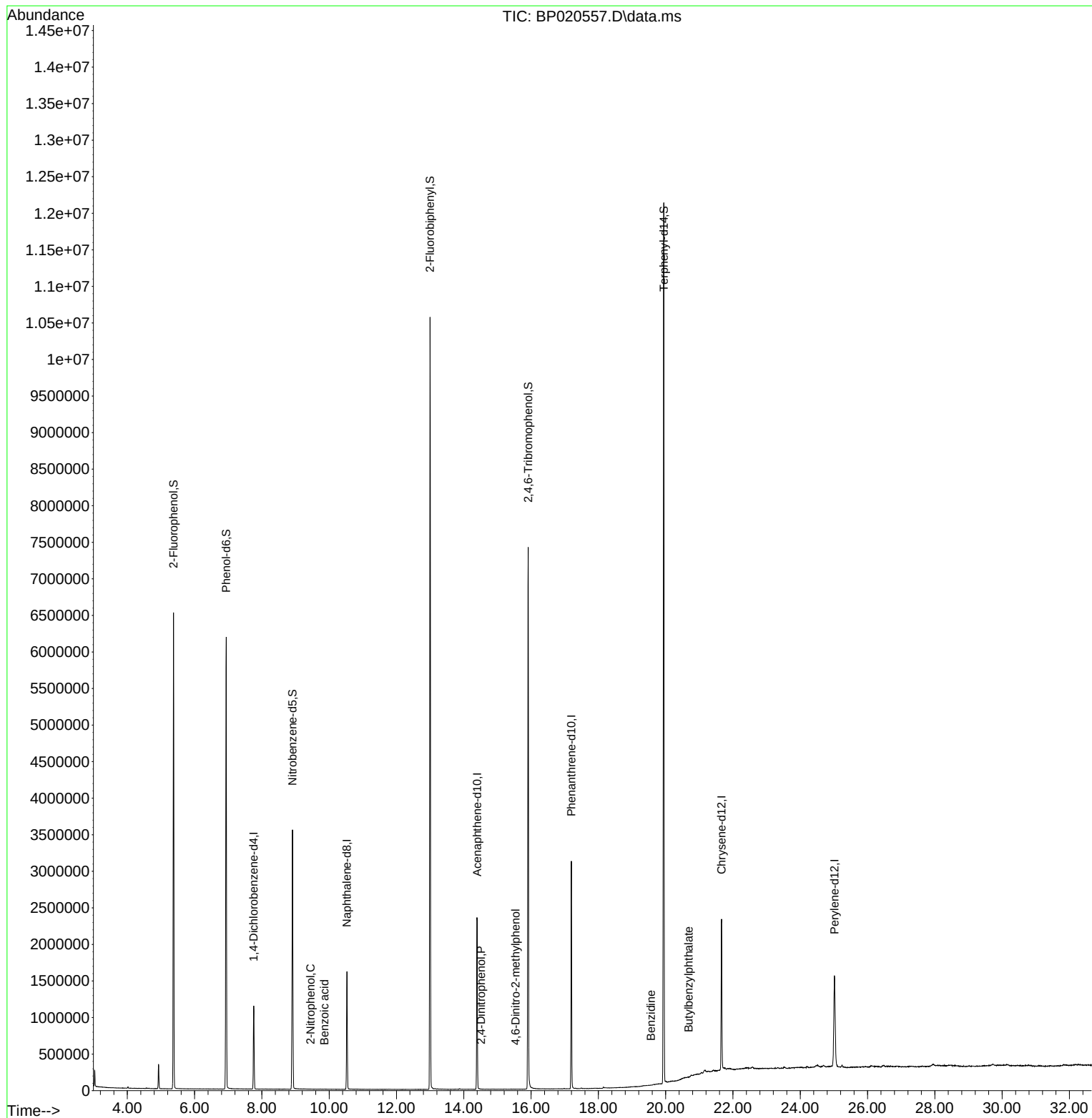
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	320077	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	1252582	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	835336	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1686522	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1223686	20.000	ng	0.00
86) Perylene-d12	25.021	264	1387362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2693159	150.650	ng	0.00
7) Phenol-d6	6.940	99	3417922	135.573	ng	0.00
23) Nitrobenzene-d5	8.910	82	2164914	94.611	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	1519218	175.244	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	5175231	92.356	ng	0.00
79) Terphenyl-d14	19.945	244	7153478	97.317	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.451	139	64	3.798	ng	93
32) Benzoic acid	9.857	122	10	6.849	ng	# 1
54) 2,4-Dinitrophenol	14.516	184	38	4.982	ng	# 32
65) 4,6-Dinitro-2-methylph...	15.539	198	14	7.655	ng	# 1
77) Benzidine	19.563	184	1266	5.996	ng	96
80) Butylbenzylphthalate	20.686	149	256	2.438	ng	# 77

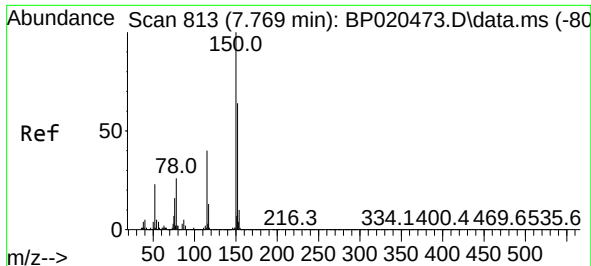
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 13:29:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

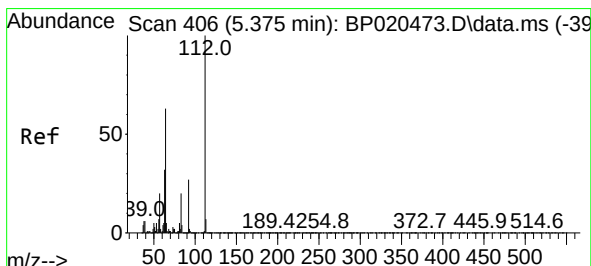
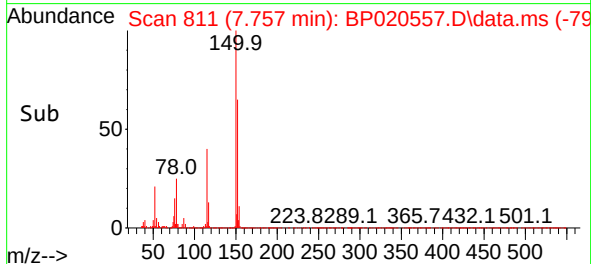
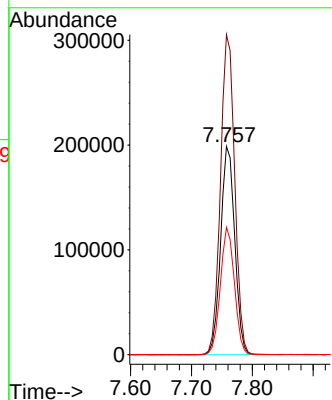
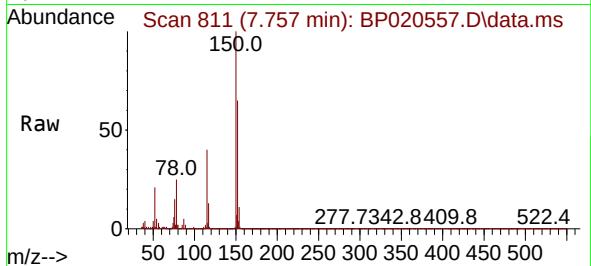




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

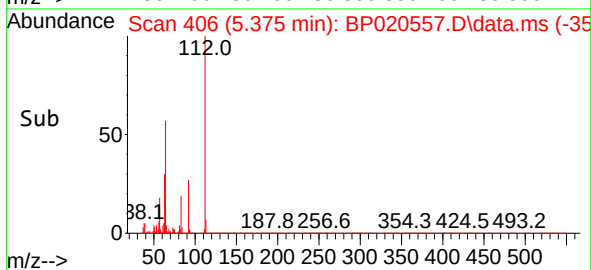
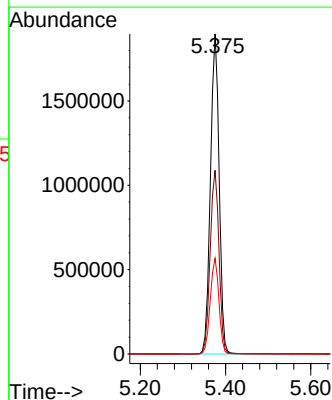
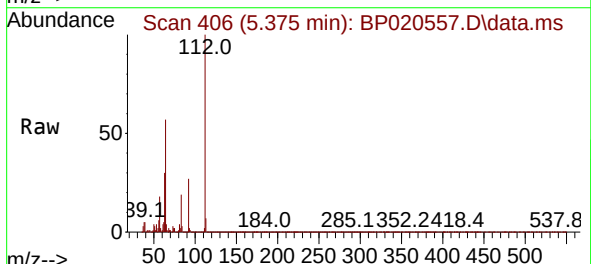
Instrument :
BNA_P
ClientSampleId :
PB161307BL

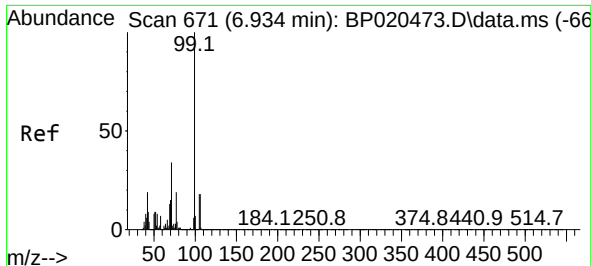
Tgt Ion:152 Resp: 320077
Ion Ratio Lower Upper
152 100
150 153.6 124.2 186.2
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 150.650 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:112 Resp: 2693159
Ion Ratio Lower Upper
112 100
64 57.4 50.1 75.1
63 29.9 25.7 38.5



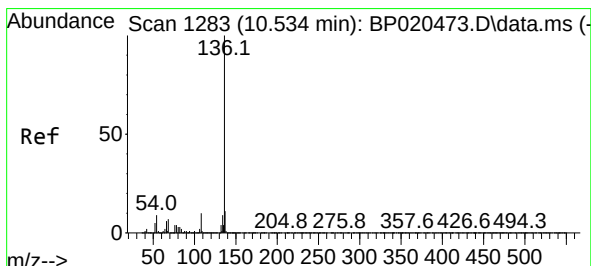
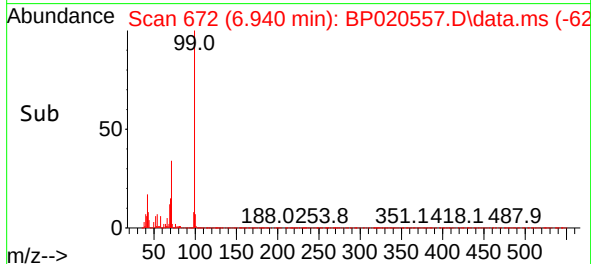
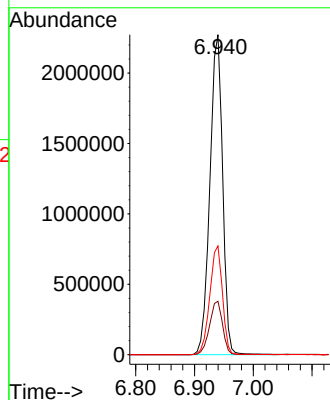
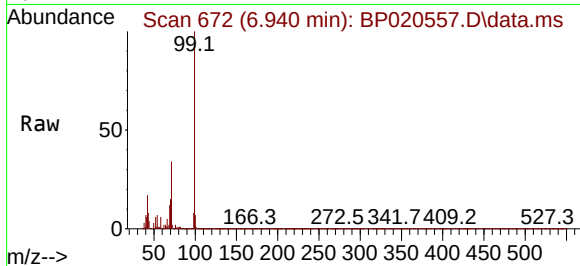


#7
Phenol-d6
Concen: 135.573 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Instrument :
BNA_P
ClientSampleId :
PB161307BL

Tgt Ion: 99 Resp: 3417922

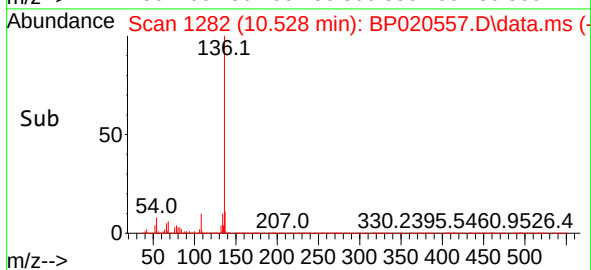
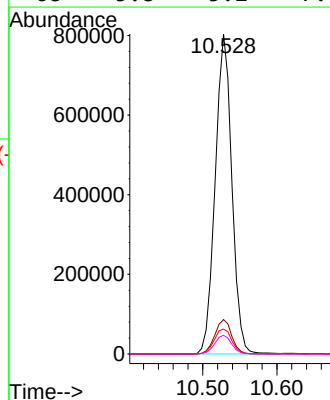
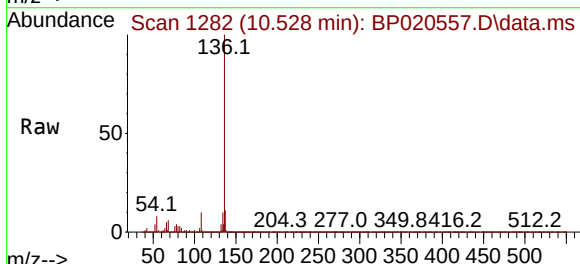
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.0	22.4
71	34.0	27.3	40.9

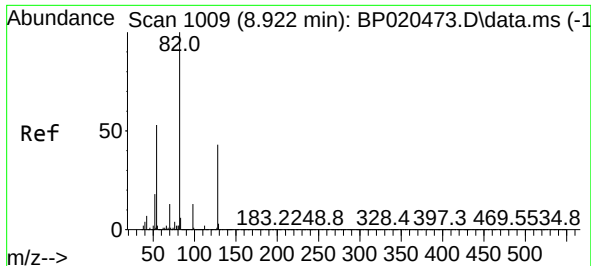


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:136 Resp: 1252582

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.8	7.4	11.0
68	5.8	5.2	7.8

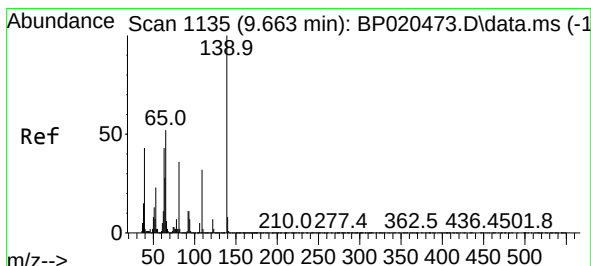
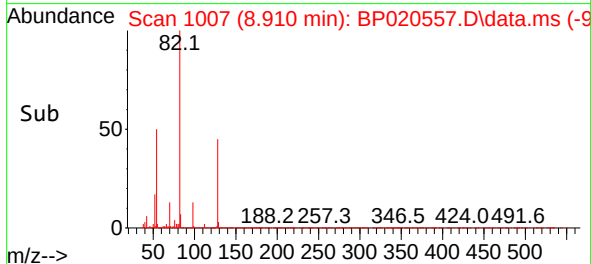
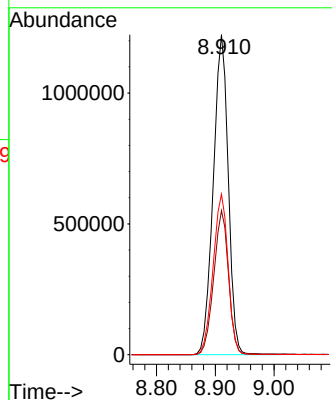
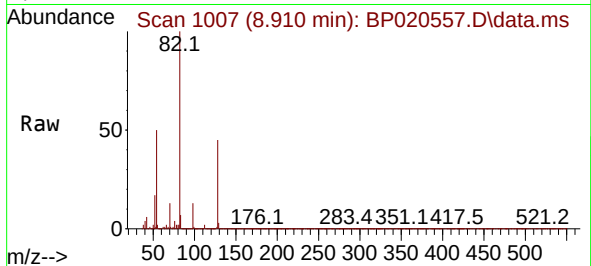




#23
Nitrobenzene-d5
Concen: 94.611 ng
RT: 8.910 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

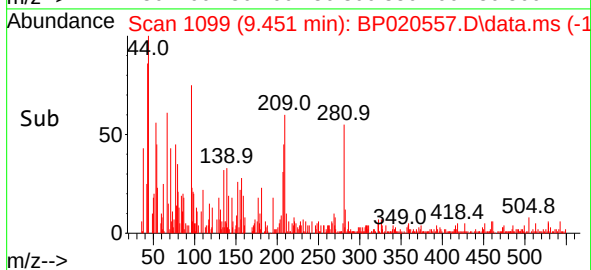
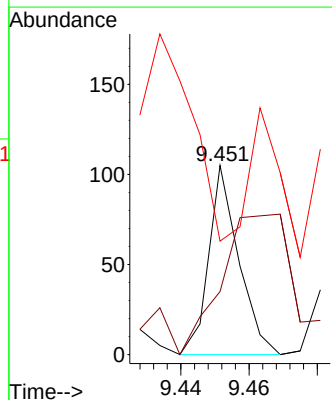
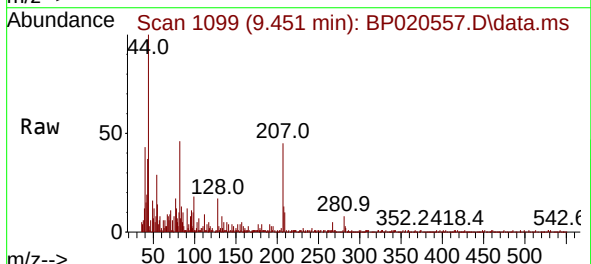
Instrument :
BNA_P
ClientSampleId :
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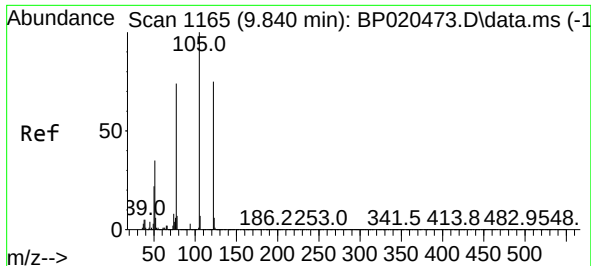
Tgt Ion: 82 Resp: 2164914
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 50.1 42.7 64.1



#26
2-Nitrophenol
Concen: 3.798 ng
RT: 9.451 min Scan# 1099
Delta R.T. -0.212 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion: 139 Resp: 64
Ion Ratio Lower Upper
139 100
109 33.3 25.8 38.8
65 60.0 41.8 62.8

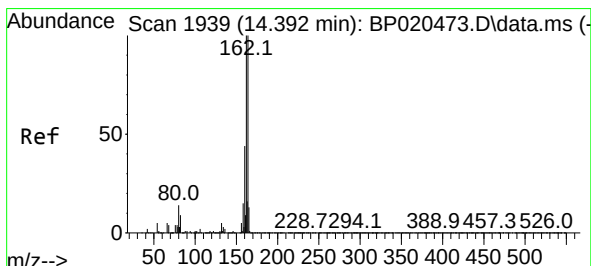
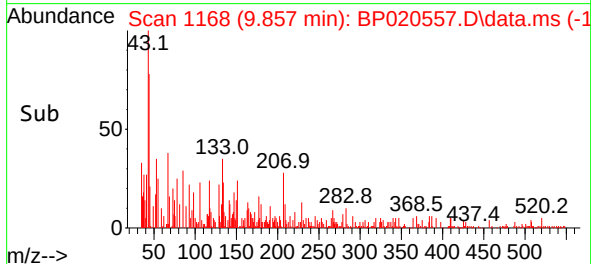
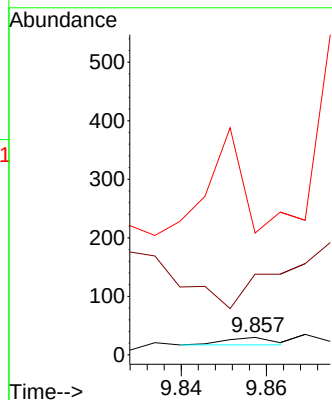
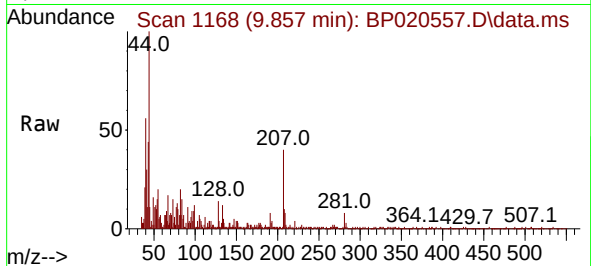




#32
Benzoic acid
Concen: 6.849 ng
RT: 9.857 min Scan# 1168
Delta R.T. 0.017 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

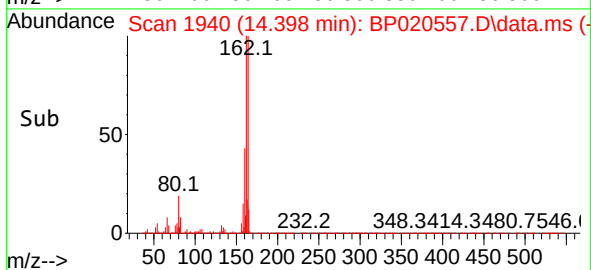
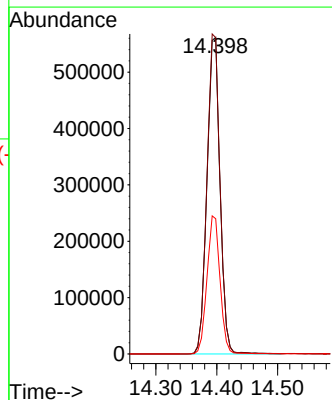
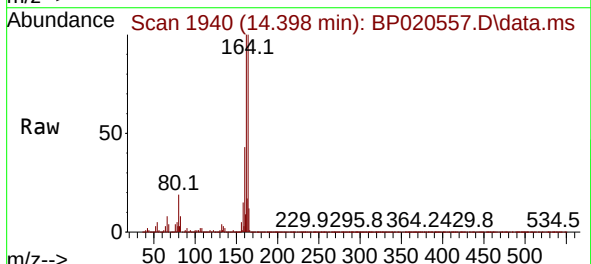
Instrument :
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ClientSampleId :
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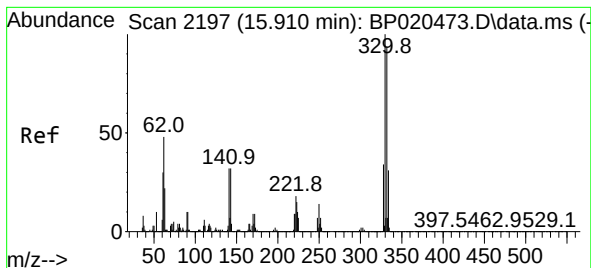
Tgt Ion:122 Resp: 10
Ion Ratio Lower Upper
122 100
105 460.0 107.5 147.5#
77 693.3 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:164 Resp: 835336
Ion Ratio Lower Upper
164 100
162 99.9 80.3 120.5
160 42.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 175.244 ng

RT: 15.916 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020557.D

Acq: 07 Jun 2024 12:29

Instrument :

BNA_P

ClientSampleId :

PB161307BL

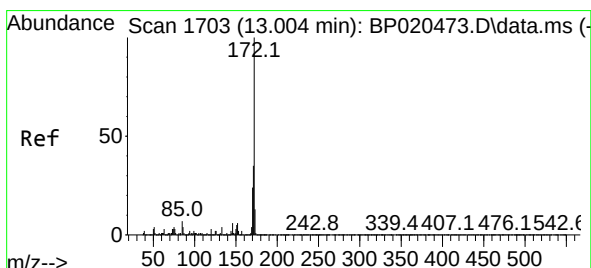
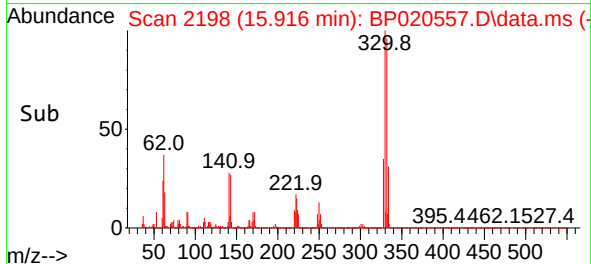
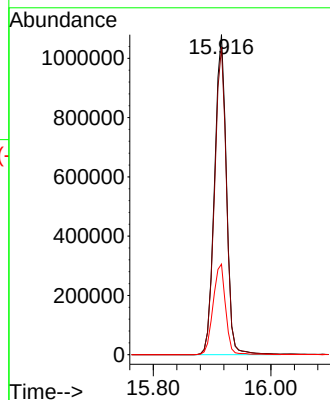
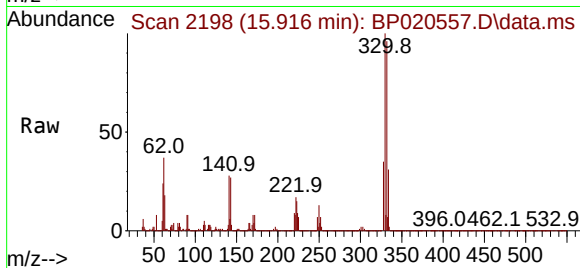
Tgt Ion:330 Resp: 1519218

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

141 29.8 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 92.356 ng

RT: 12.998 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP020557.D

Acq: 07 Jun 2024 12:29

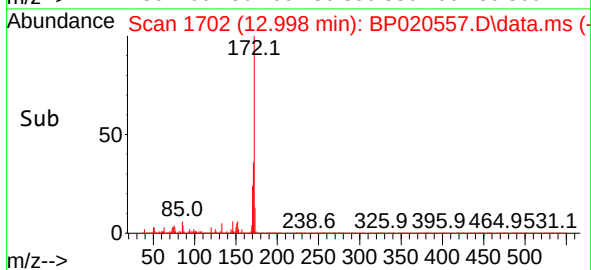
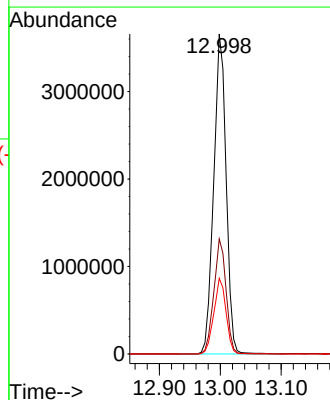
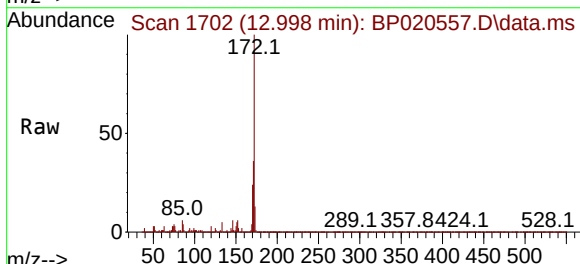
Tgt Ion:172 Resp: 5175231

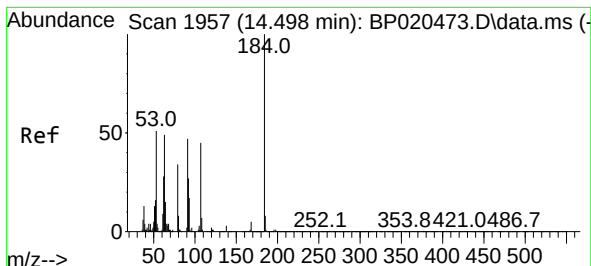
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.6 18.9 28.3

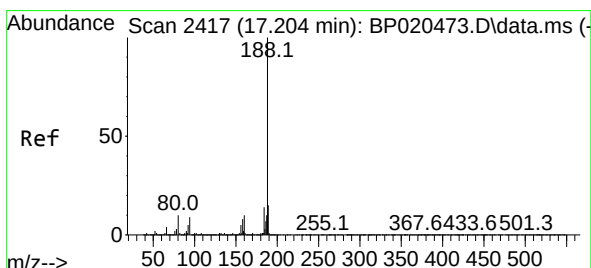
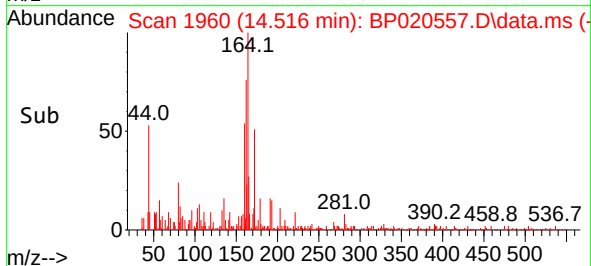
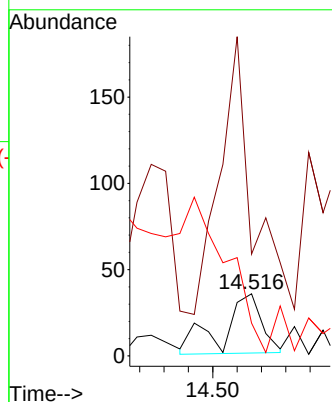
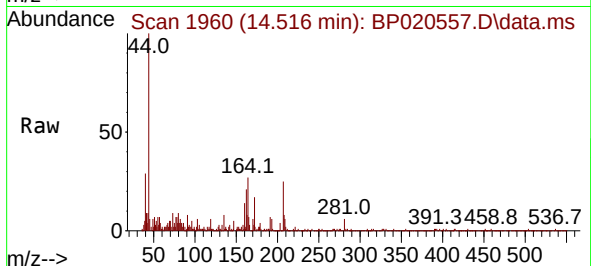




#54
2,4-Dinitrophenol
Concen: 4.982 ng
RT: 14.516 min Scan# 1957
Delta R.T. 0.018 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

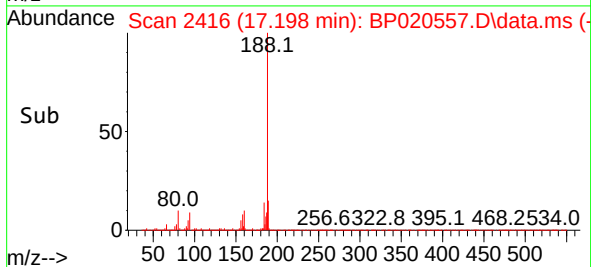
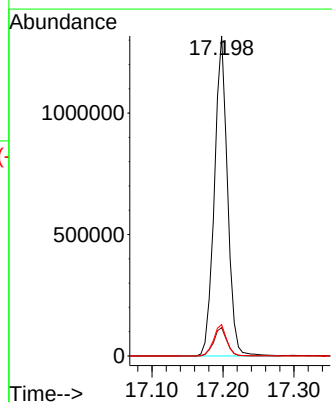
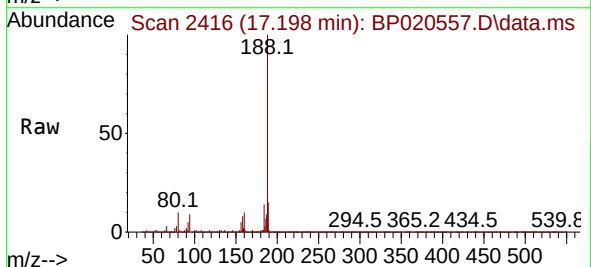
Instrument :
BNA_P
ClientSampleId :
PB161307BL

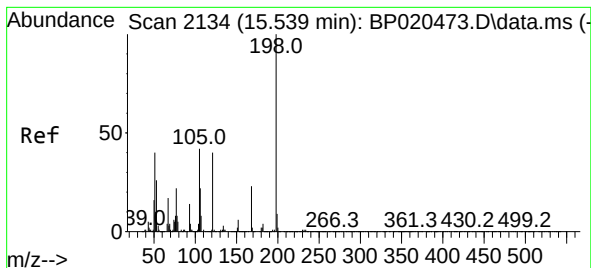
Tgt Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 163.9 54.2 81.4#
154 52.8 51.0 76.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:188 Resp: 1686522
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.8 8.1 12.1

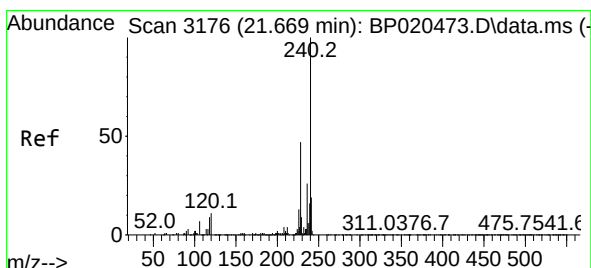
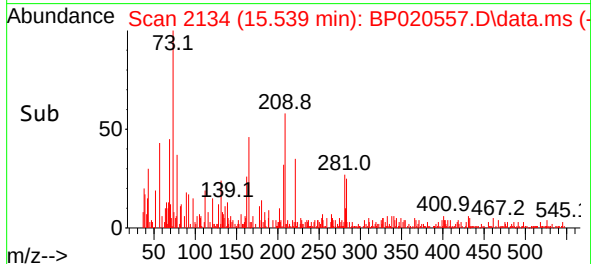
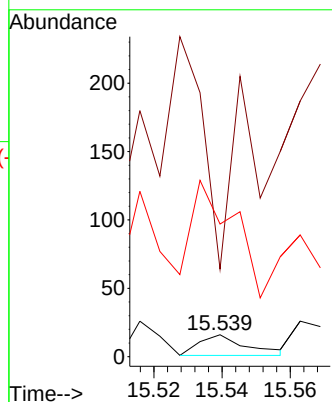
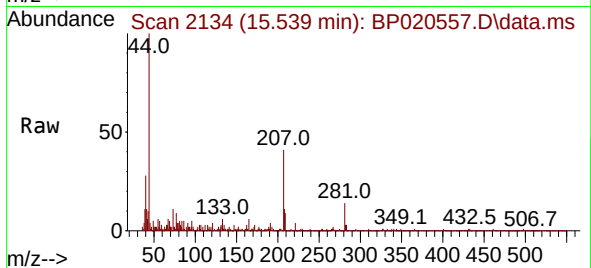




#65
4,6-Dinitro-2-methylphenol
Concen: 7.655 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

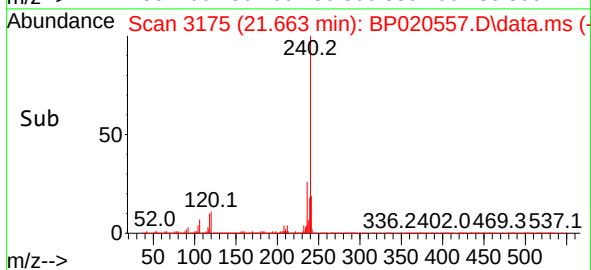
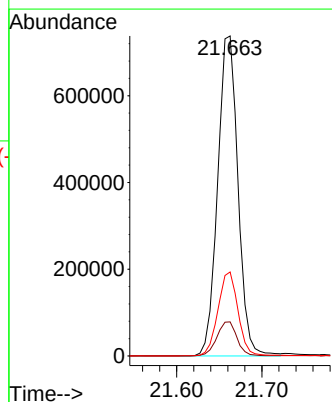
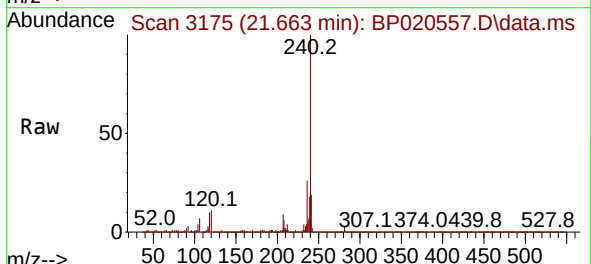
Instrument :
BNA_P
ClientSampleId :
PB161307BL

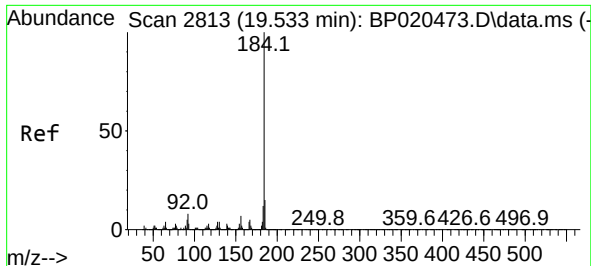
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 400.0 24.8 64.8#
105 606.3 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:240 Resp: 1223686
Ion Ratio Lower Upper
240 100
120 10.6 8.5 12.7
236 26.3 20.5 30.7

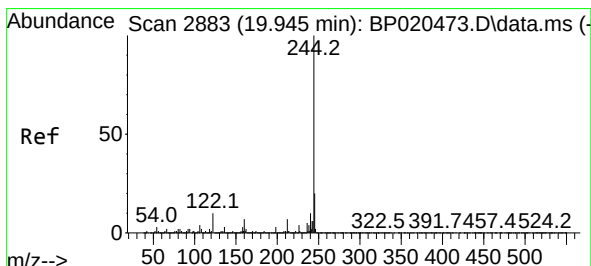
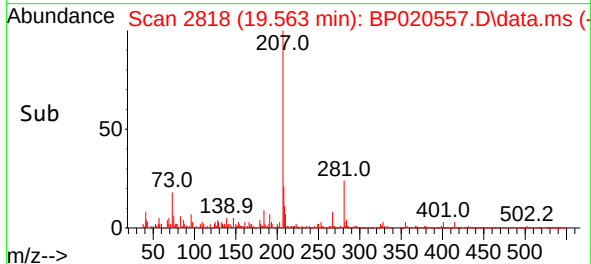
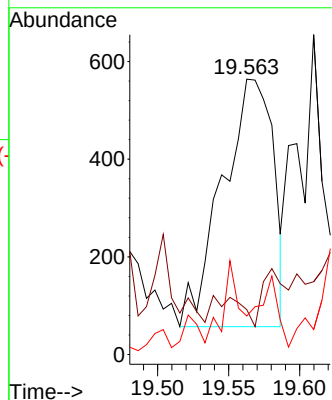
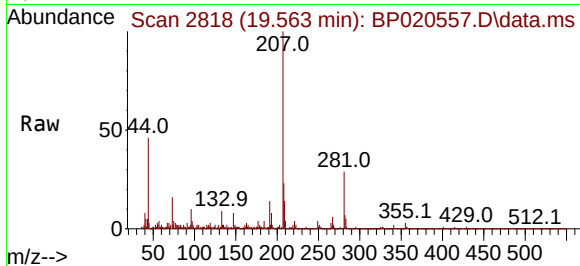




#77
Benzidine
Concen: 5.996 ng
RT: 19.563 min Scan# 2818
Delta R.T. 0.030 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

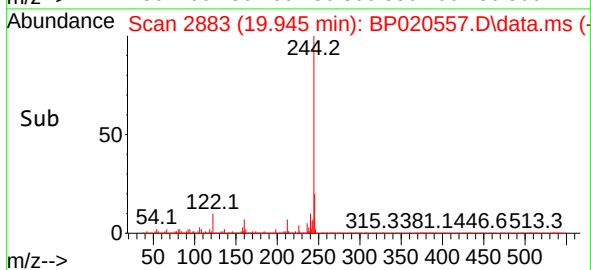
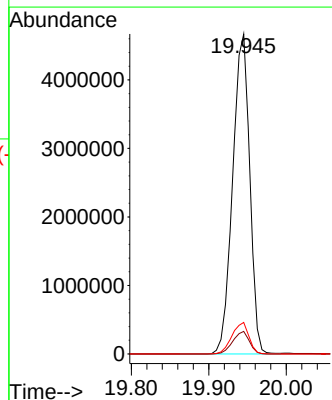
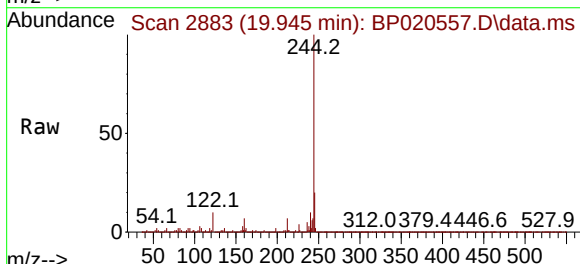
Instrument :
BNA_P
ClientSampleId :
PB161307BL

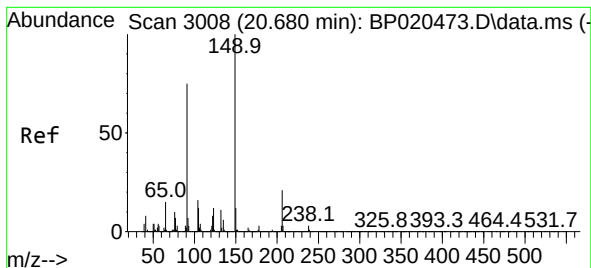
Tgt Ion:	184	Resp:	1266
Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.0	18.0
183	14.0	9.4	14.0



#79
Terphenyl-d14
Concen: 97.317 ng
RT: 19.945 min Scan# 2883
Delta R.T. 0.000 min
Lab File: BP020557.D
Acq: 07 Jun 2024 12:29

Tgt Ion:	244	Resp:	7153478
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.8	8.2	12.2





#80

Butylbenzylphthalate

Concen: 2.438 ng

RT: 20.686 min Scan# 3008

Delta R.T. 0.006 min

Lab File: BP020557.D

Acq: 07 Jun 2024 12:29

Instrument :

BNA_P

ClientSampleId :

PB161307BL

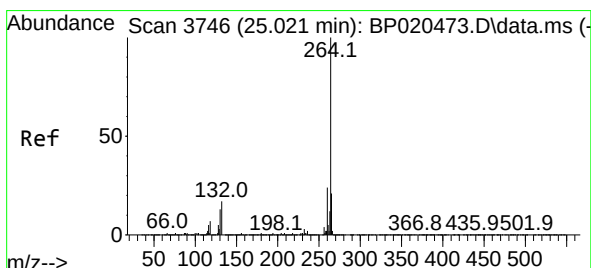
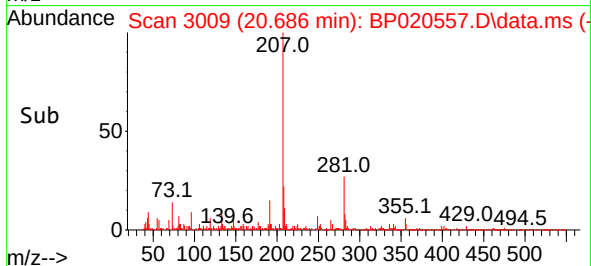
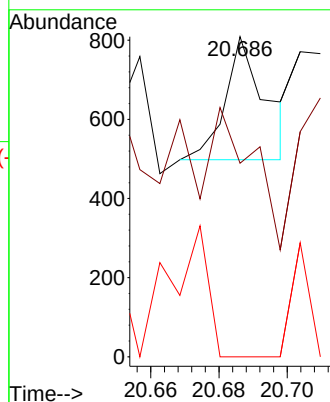
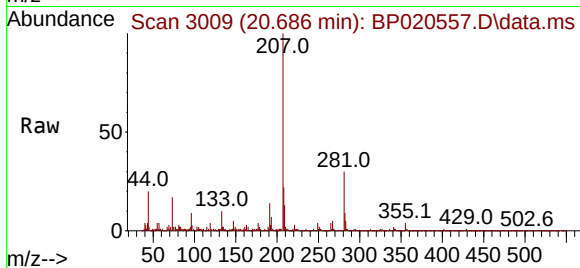
Tgt Ion:149 Resp: 256

Ion Ratio Lower Upper

149 100

91 60.4 60.0 90.0

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 3746

Delta R.T. -0.000 min

Lab File: BP020557.D

Acq: 07 Jun 2024 12:29

Tgt Ion:264 Resp: 1387362

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.0 17.4 26.0

