

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020512.D
 Acq On : 05 Jun 2024 10:43
 Operator : MA/JU
 Sample : PB161311BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161311BL

Quant Time: Jun 05 11:19:19 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)

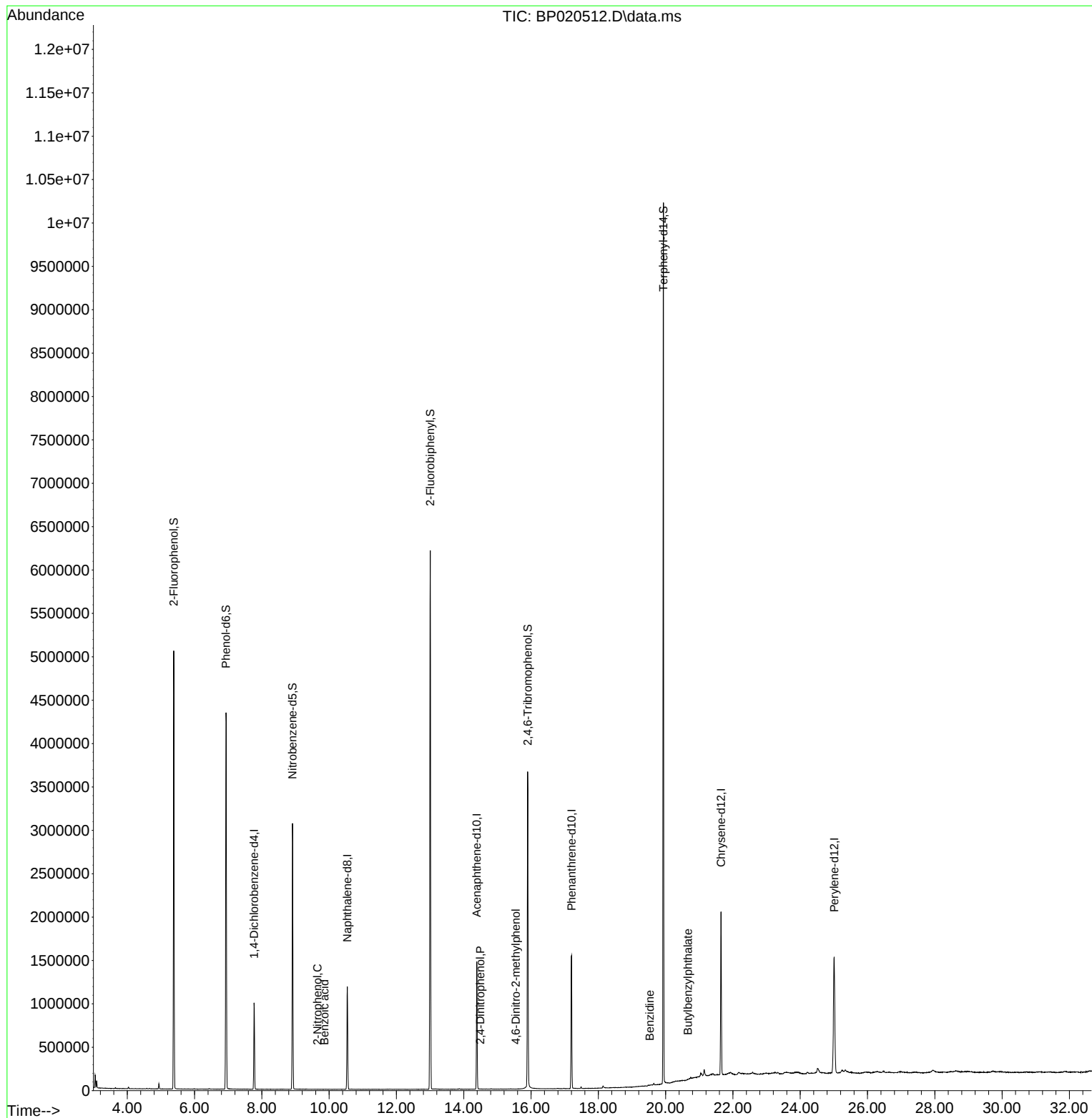
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	264435	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	967853	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	530809	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1048509	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1119508	20.000	ng	-0.02
86) Perylene-d12	25.010	264	1421719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2104380	142.485	ng	0.00
7) Phenol-d6	6.934	99	2571473	123.461	ng	0.00
23) Nitrobenzene-d5	8.911	82	1606368	90.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	779542	141.509	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3418349	96.001	ng	0.00
79) Terphenyl-d14	19.933	244	4944824	73.530	ng	-0.01
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.652	139	19	3.794	ng	# 1
32) Benzoic acid	9.858	122	68	6.854	ng	# 1
54) 2,4-Dinitrophenol	14.493	184	17	4.980	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.545	198	25	7.658	ng	# 1
77) Benzidine	19.534	184	3180	6.041	ng	# 81
80) Butylbenzylphthalate	20.663	149	130	2.435	ng	# 86

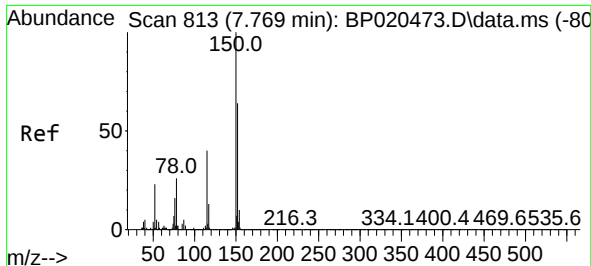
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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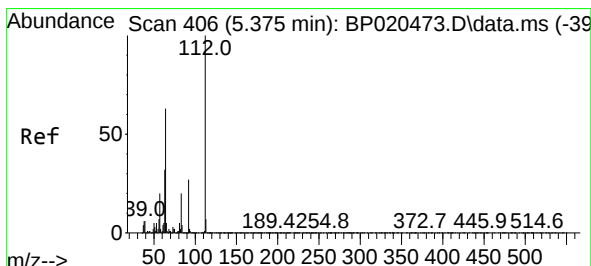
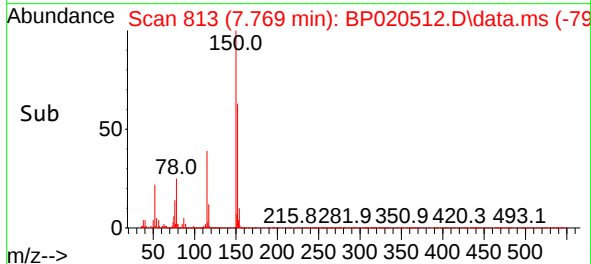
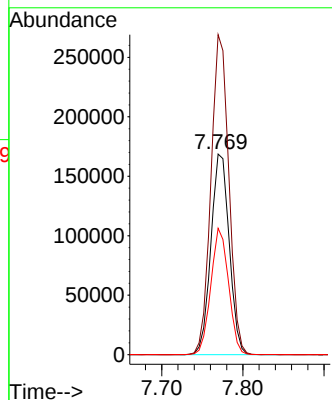
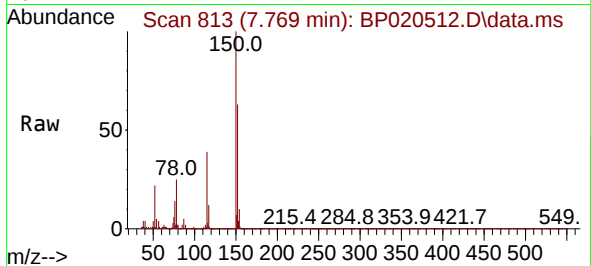




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

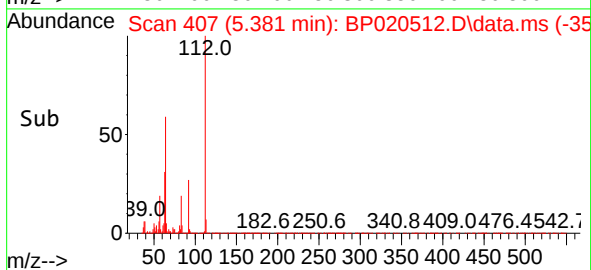
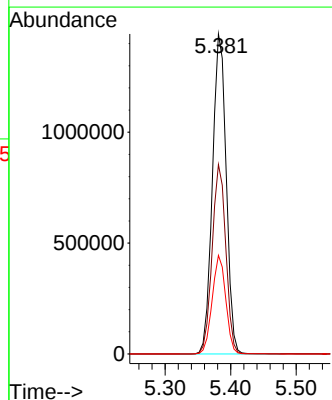
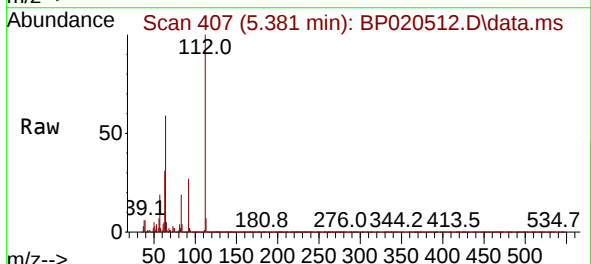
Instrument :
BNA_P
ClientSampleId :
PB161311BL

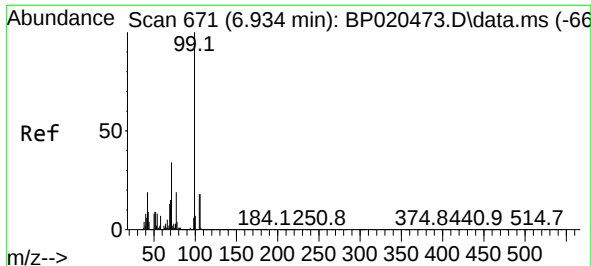
Tgt Ion:152 Resp: 264435
Ion Ratio Lower Upper
152 100
150 159.5 124.2 186.2
115 63.0 49.5 74.3



#5
2-Fluorophenol
Concen: 142.485 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:112 Resp: 2104380
Ion Ratio Lower Upper
112 100
64 59.2 50.1 75.1
63 30.8 25.7 38.5



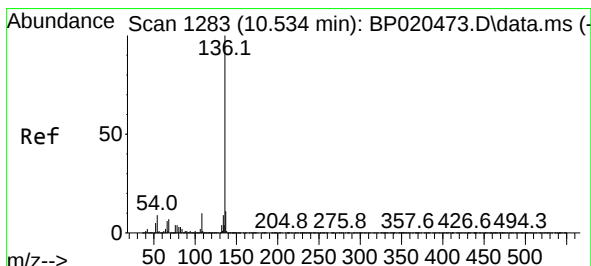
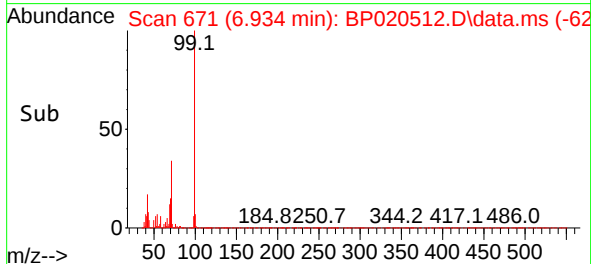
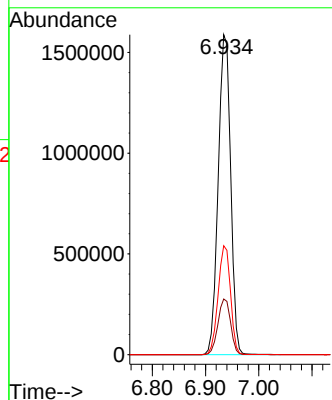
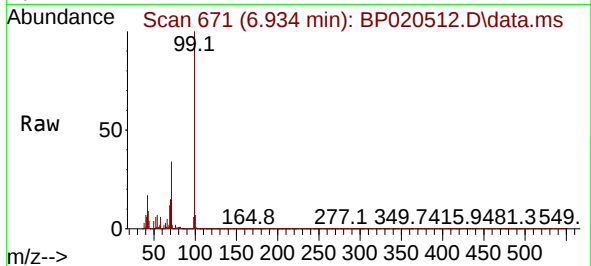


#7
Phenol-d6
Concen: 123.461 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Instrument :
BNA_P
ClientSampleId :
PB161311BL

Tgt Ion: 99 Resp: 2571473

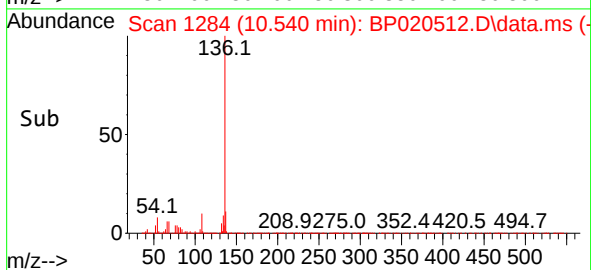
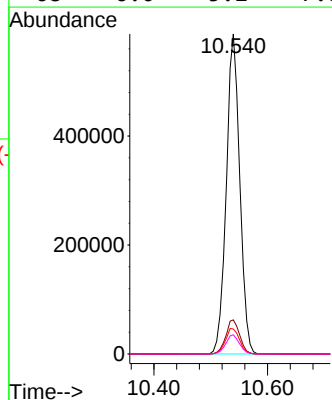
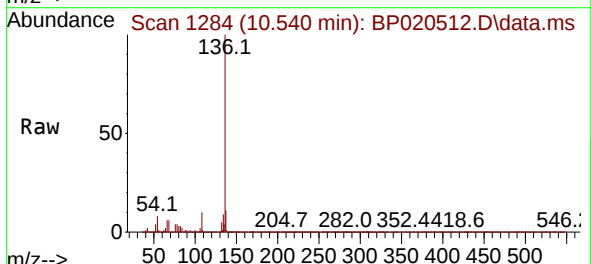
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	34.1	27.3	40.9

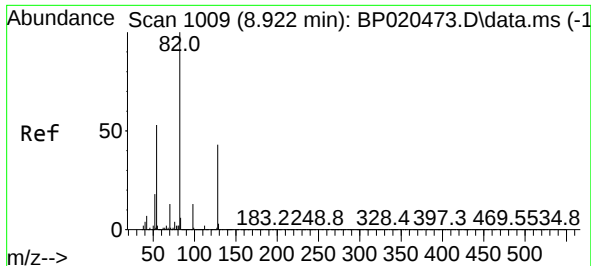


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:136 Resp: 967853

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.8	7.4	11.0
68	6.0	5.2	7.8

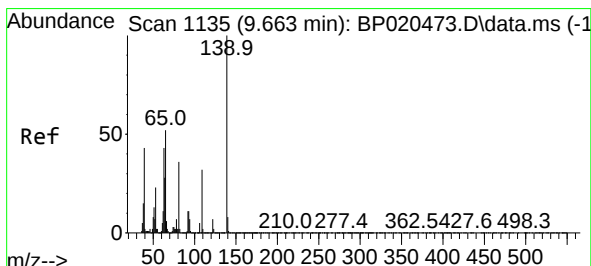
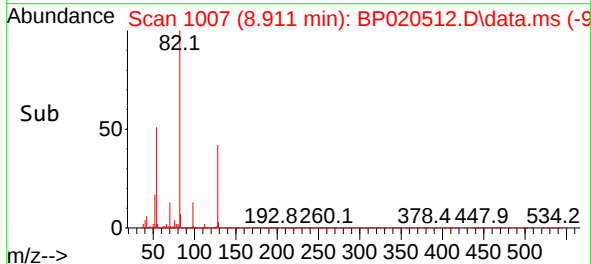
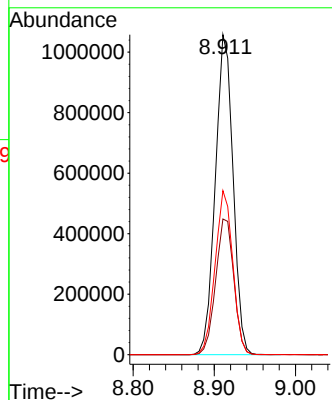
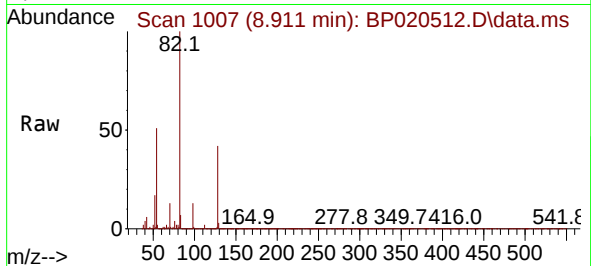




#23
Nitrobenzene-d5
Concen: 90.853 ng
RT: 8.911 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

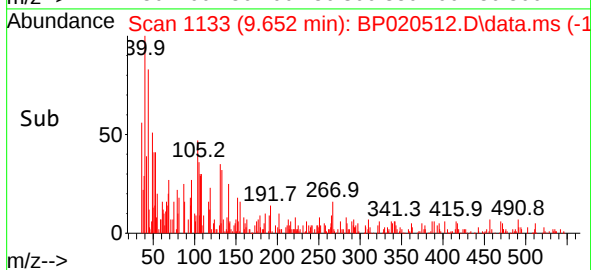
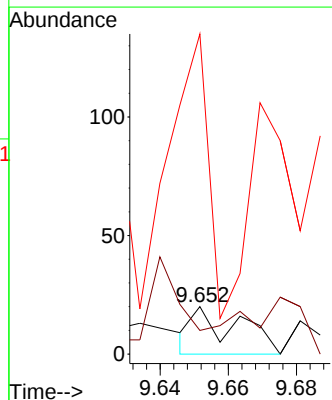
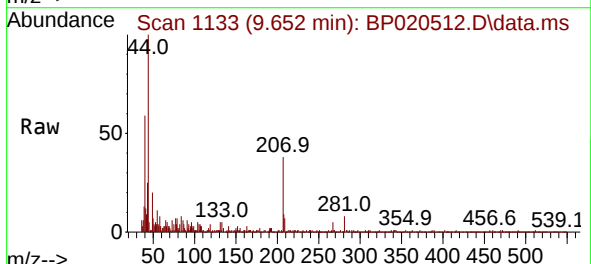
Instrument :
BNA_P
ClientSampleId :
PB161311BL

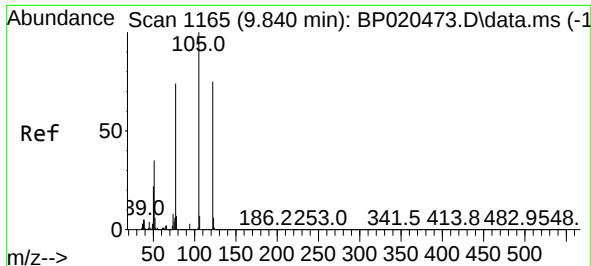
Tgt Ion: 82 Resp: 1606368
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 51.2 42.7 64.1



#26
2-Nitrophenol
Concen: 3.794 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion: 139 Resp: 19
Ion Ratio Lower Upper
139 100
109 50.0 25.8 38.8#
65 675.0 41.8 62.8#

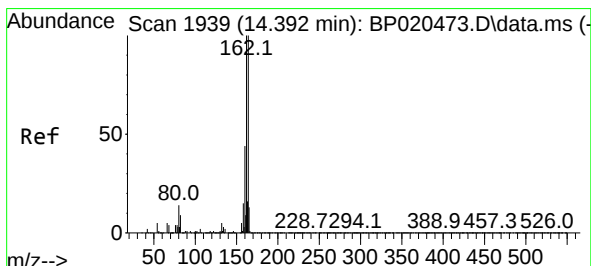
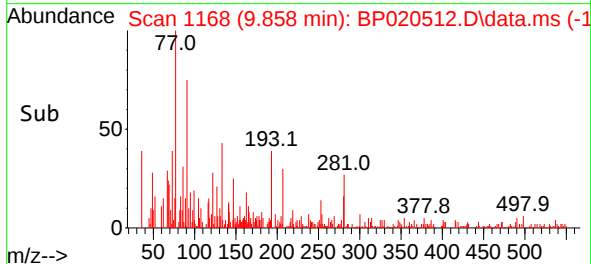
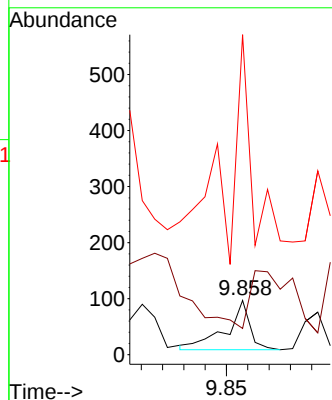
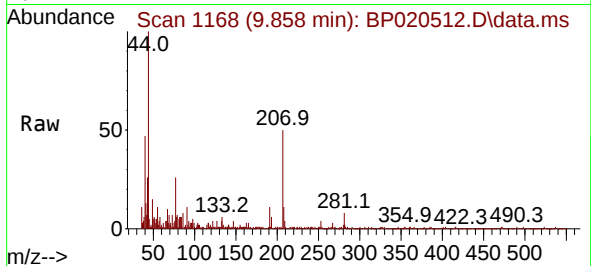




#32
Benzoic acid
Concen: 6.854 ng
RT: 9.858 min Scan# 1165
Delta R.T. 0.018 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

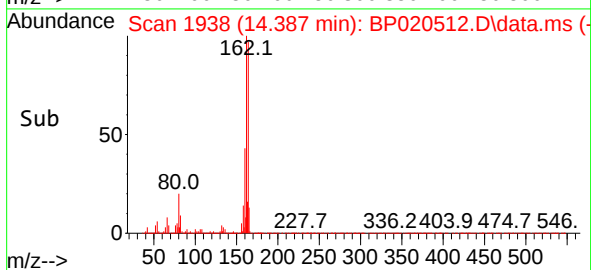
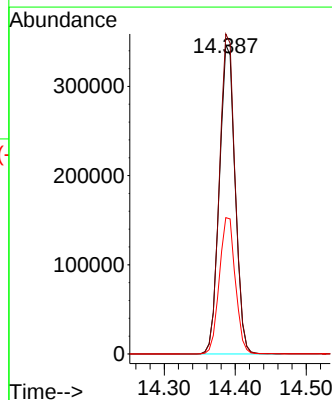
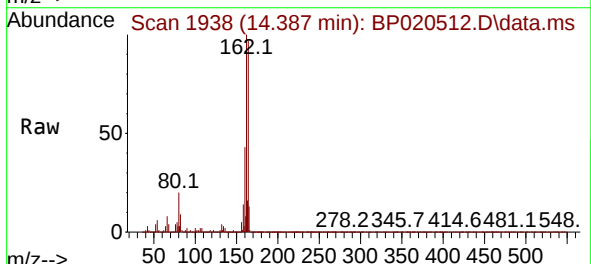
Instrument :
BNA_P
ClientSampleId :
PB161311BL

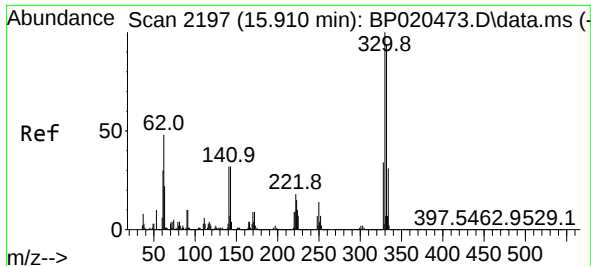
Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 48.5 107.5 147.5#
77 588.7 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:164 Resp: 530809
Ion Ratio Lower Upper
164 100
162 103.5 80.3 120.5
160 44.1 35.4 53.2

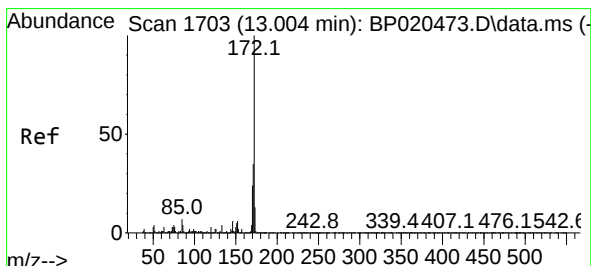
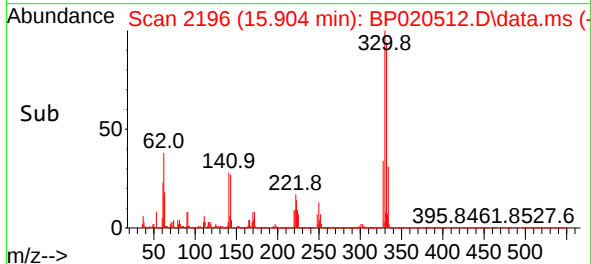
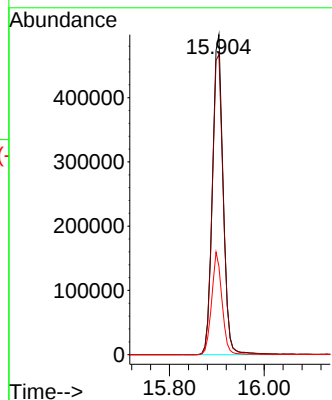
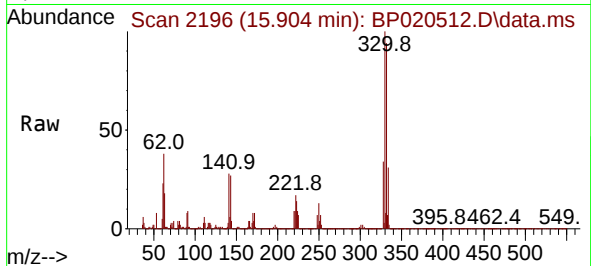




#42
2,4,6-Tribromophenol
Concen: 141.509 ng
RT: 15.904 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

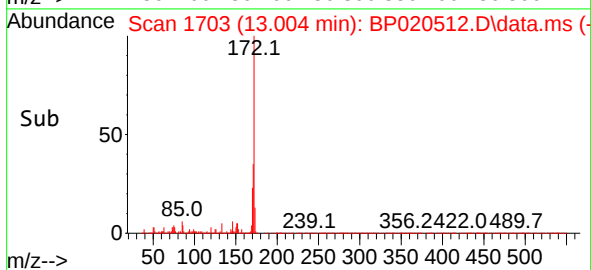
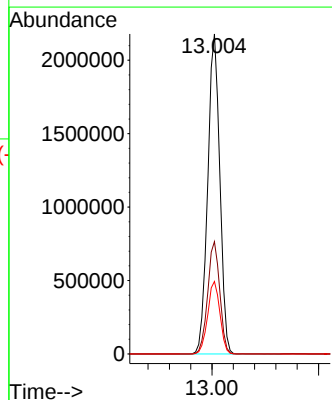
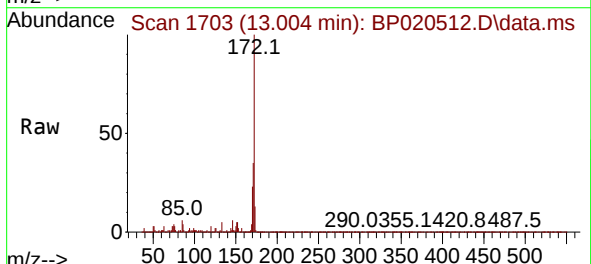
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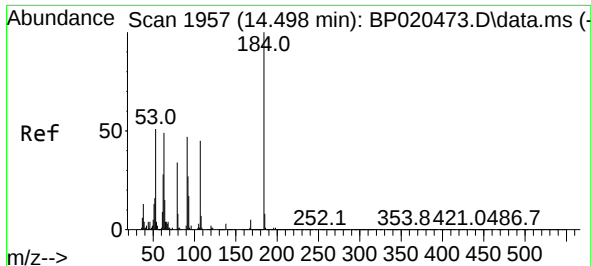
Tgt Ion:330 Resp: 779542
Ion Ratio Lower Upper
330 100
332 96.4 76.6 114.8
141 31.1 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 96.001 ng
RT: 13.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:172 Resp: 3418349
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 22.7 18.9 28.3

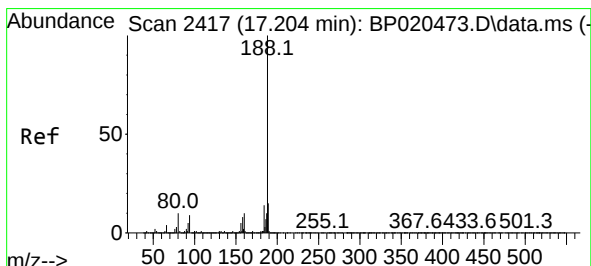
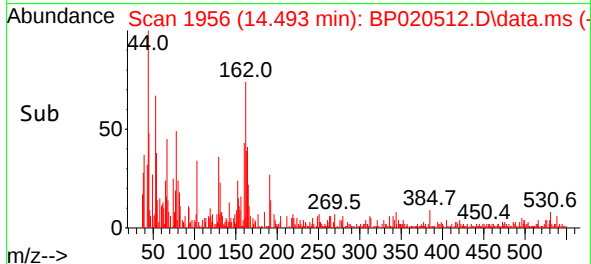
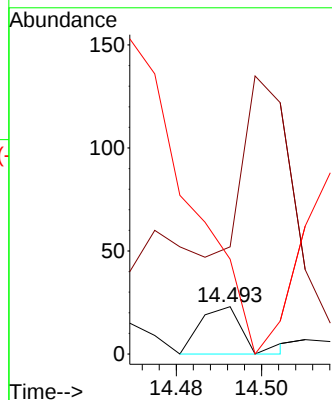
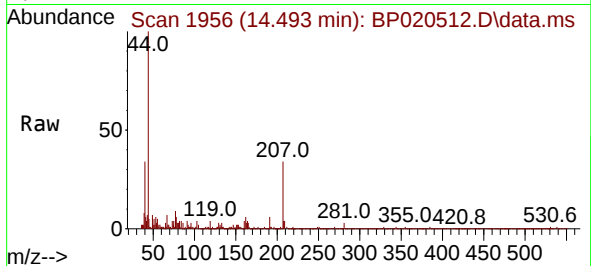




#54
2,4-Dinitrophenol
Concen: 4.980 ng
RT: 14.493 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

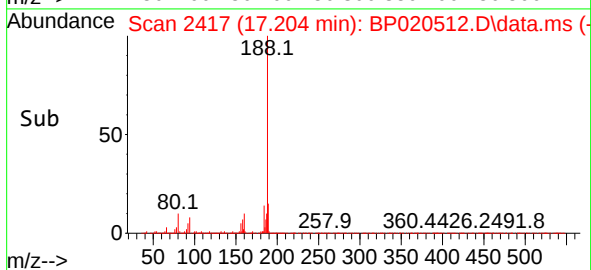
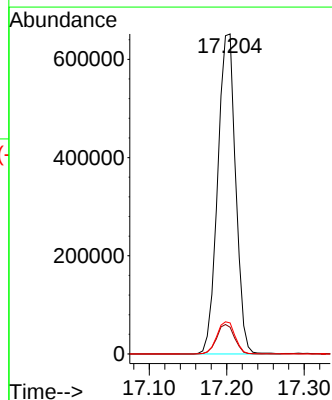
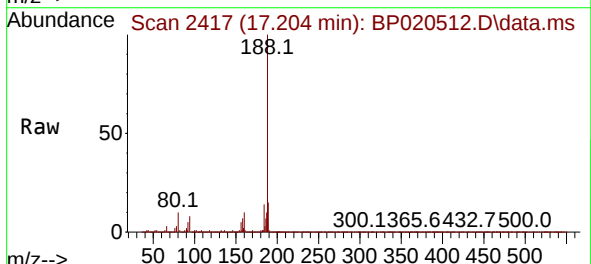
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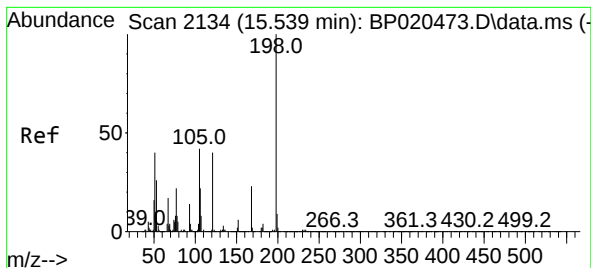
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 300.0 54.2 81.4#
154 200.0 51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:188 Resp: 1048509
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.7 8.1 12.1

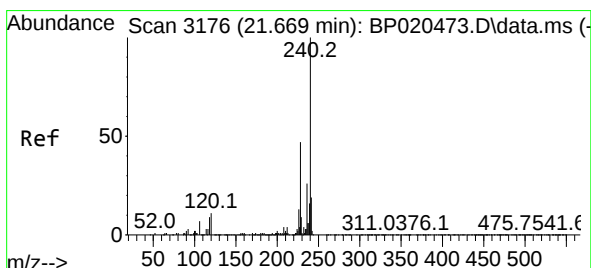
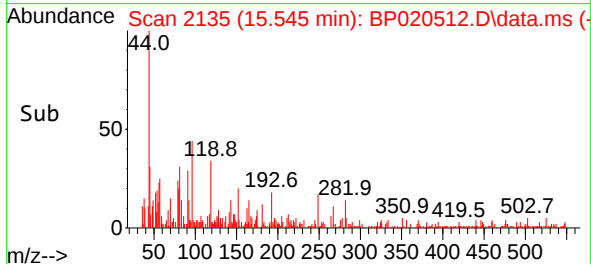
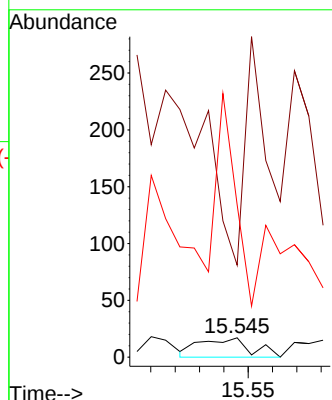
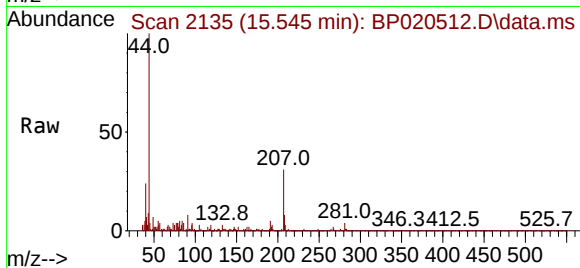




#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 15.545 min Scan# 2134
Delta R.T. 0.006 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

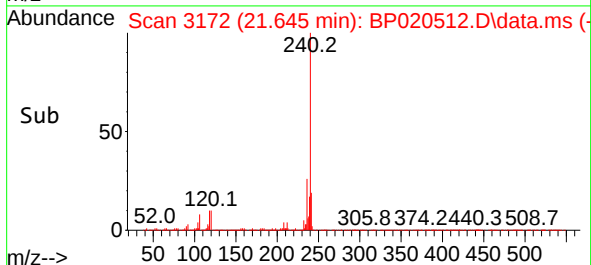
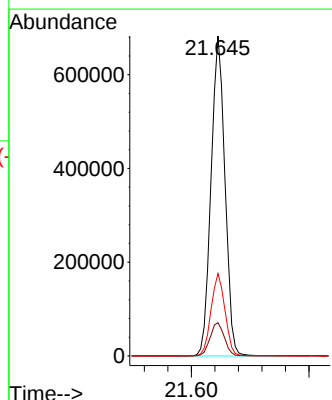
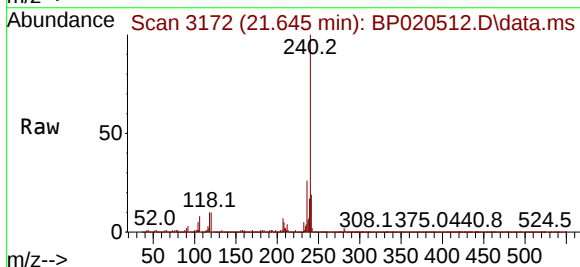
Instrument :
BNA_P
ClientSampleId :
PB161311BL

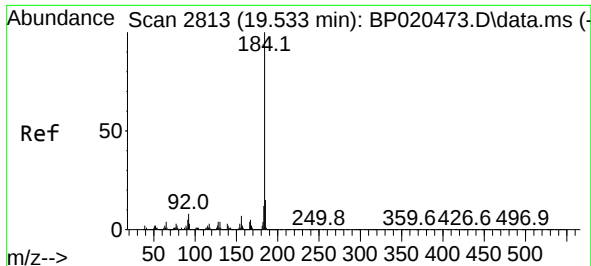
Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 337.5 24.8 64.8#
105 558.3 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3172
Delta R.T. -0.023 min
Lab File: BP020512.D
Acq: 05 Jun 2024 10:43

Tgt Ion:240 Resp: 1119508
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.7 20.5 30.7





#77

Benzidine

Concen: 6.041 ng

RT: 19.534 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP020512.D

Acq: 05 Jun 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB161311BL

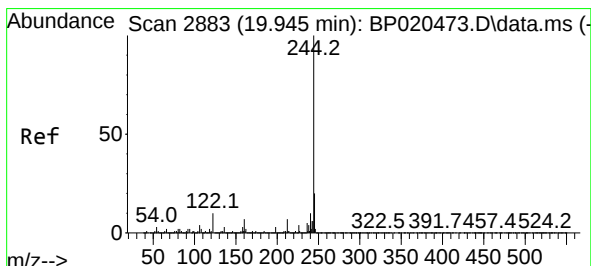
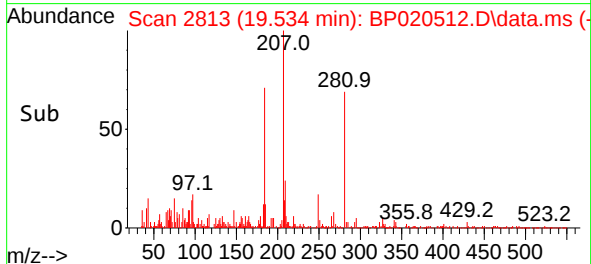
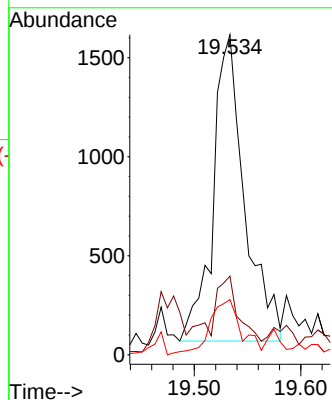
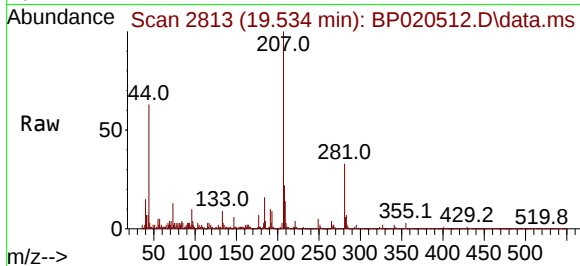
Tgt Ion:184 Resp: 3180

Ion Ratio Lower Upper

184 100

185 24.6 12.0 18.0#

183 17.2 9.4 14.0#



#79

Terphenyl-d14

Concen: 73.530 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020512.D

Acq: 05 Jun 2024 10:43

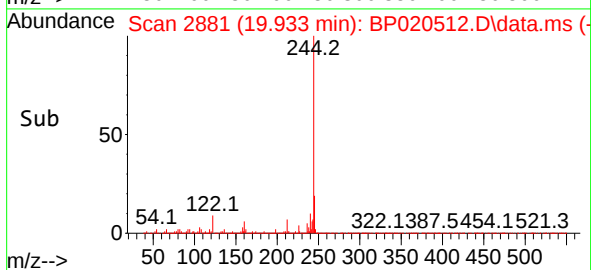
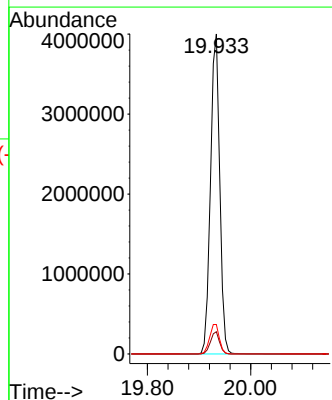
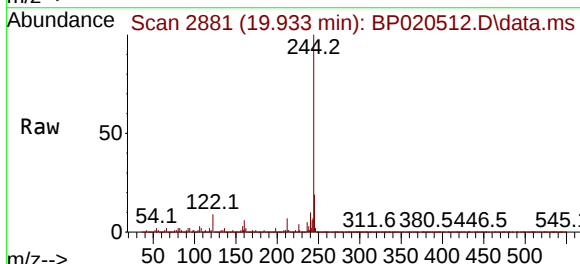
Tgt Ion:244 Resp: 4944824

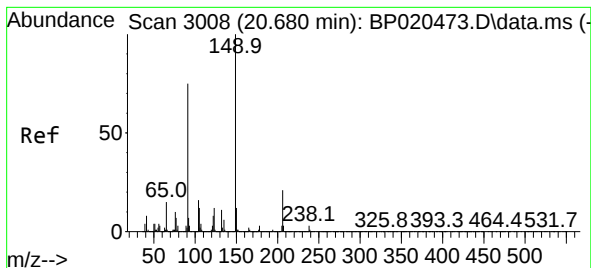
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 2.435 ng

RT: 20.663 min Scan# 3008

Delta R.T. -0.017 min

Lab File: BP020512.D

Acq: 05 Jun 2024 10:43

Instrument :

BNA_P

ClientSampleId :

PB161311BL

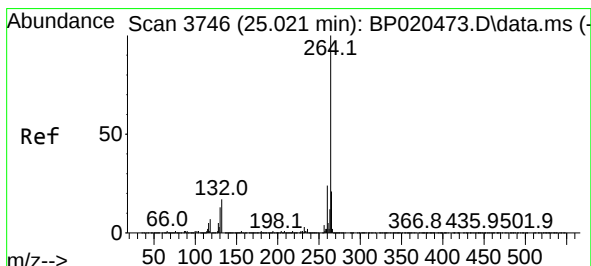
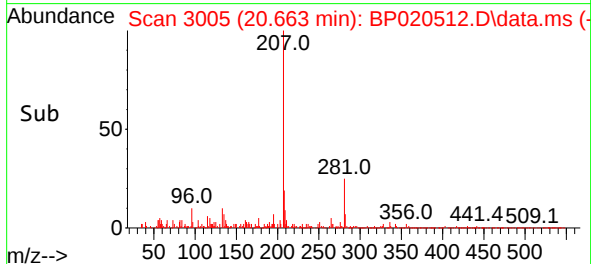
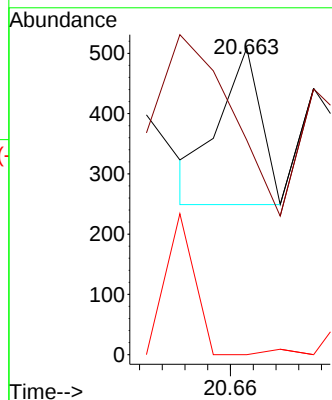
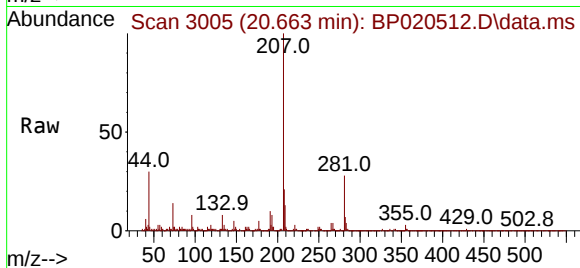
Tgt Ion:149 Resp: 130

Ion Ratio Lower Upper

149 100

91 69.9 60.0 90.0

206 0.0 16.6 25.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3744

Delta R.T. -0.012 min

Lab File: BP020512.D

Acq: 05 Jun 2024 10:43

Tgt Ion:264 Resp: 1421719

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.3 17.4 26.0

