

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072021\
 Data File : BP006257.D
 Acq On : 20 Jul 2021 18:54
 Operator : CG/JU
 Sample : PB137705BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137705BL

Quant Time: Jul 21 03:03:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 18:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

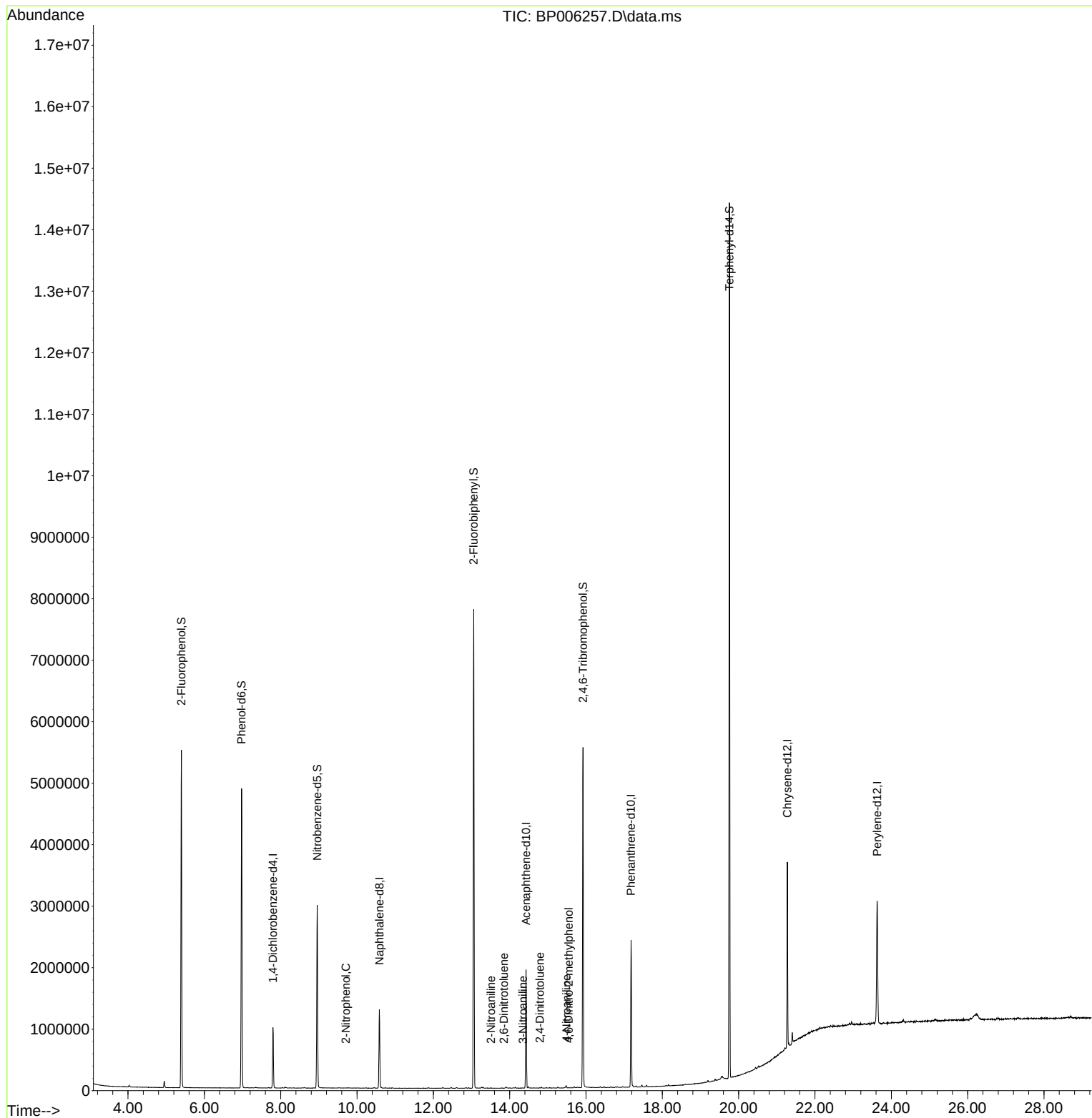
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	261608	20.00	ng	0.00
21) Naphthalene-d8	10.587	136	1041224	20.00	ng	# 0.00
39) Acenaphthene-d10	14.427	164	633663	20.00	ng	0.00
64) Phenanthrene-d10	17.180	188	1297800	20.00	ng	# 0.00
76) Chrysene-d12	21.274	240	1298289	20.00	ng	# 0.00
86) Perylene-d12	23.627	264	1341656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2344963	149.34	ng	0.00
7) Phenol-d6	6.975	99	2831858	131.91	ng	0.00
23) Nitrobenzene-d5	8.957	82	1710594	98.93	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	943973	144.72	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	3842955	92.31	ng	0.00
79) Terphenyl-d14	19.757	244	6234534	96.06	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.710	139	1170	3.50	ng	# 70
48) 2-Nitroaniline	13.510	65	1380	3.89	ng	# 59
51) 2,6-Dinitrotoluene	13.851	165	116	2.67	ng	90
53) 3-Nitroaniline	14.345	138	1033	3.10	ng	# 64
57) 2,4-Dinitrotoluene	14.792	165	1478	3.72	ng	# 79
62) 4-Nitroaniline	15.492	138	1445	3.27	ng	# 76
65) 4,6-Dinitro-2-methylph...	15.545	198	756	5.73	ng	# 1

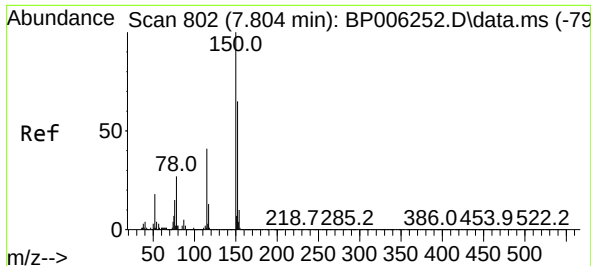
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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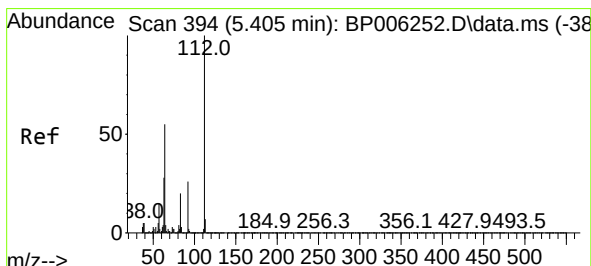
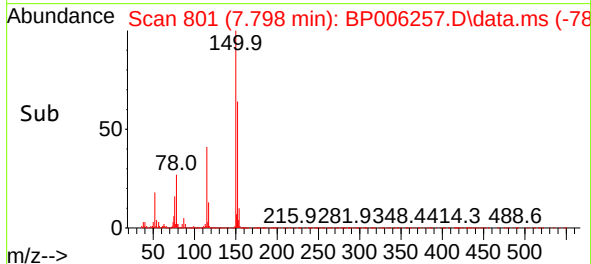
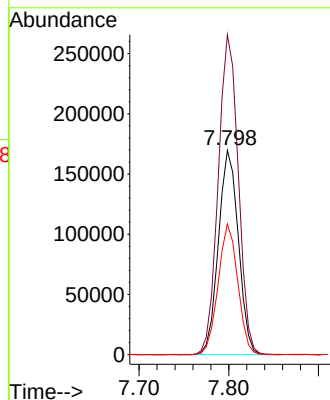
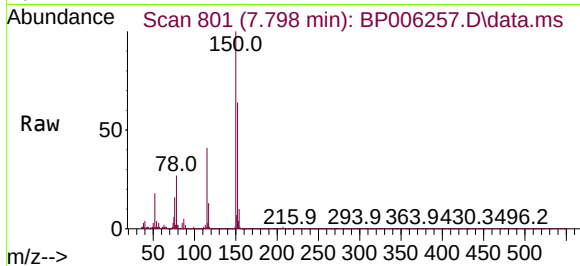




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

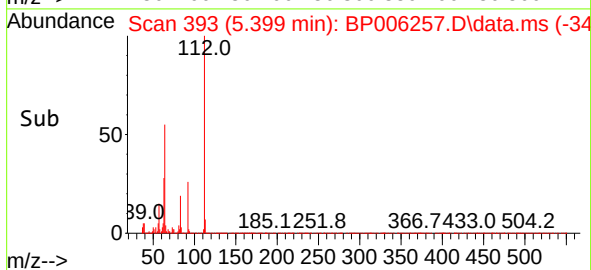
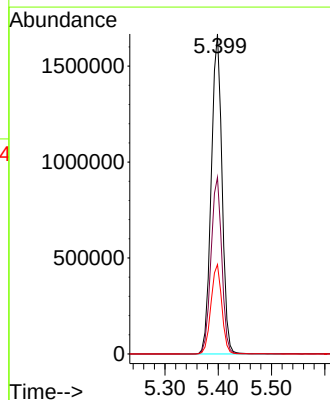
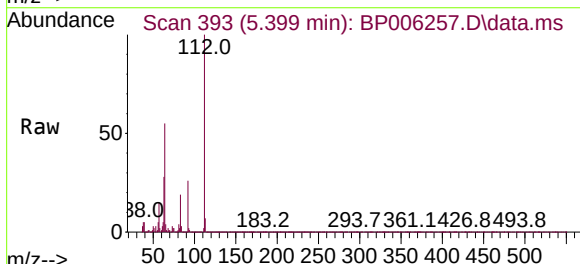
Instrument :
BNA_P
ClientSampleId :
PB137705BL

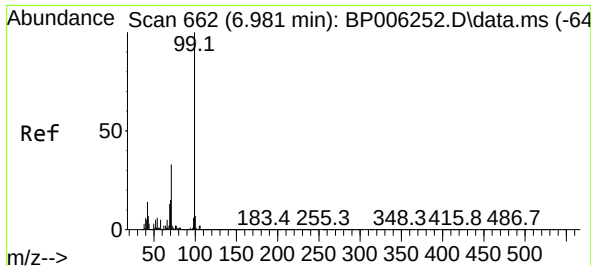
Tgt Ion:152 Resp: 261608
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 64.0 48.5 72.7



#5
2-Fluorophenol
Concen: 149.34 ng
RT: 5.399 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:112 Resp: 2344963
Ion Ratio Lower Upper
112 100
64 55.2 41.4 62.2
63 27.9 23.8 35.8



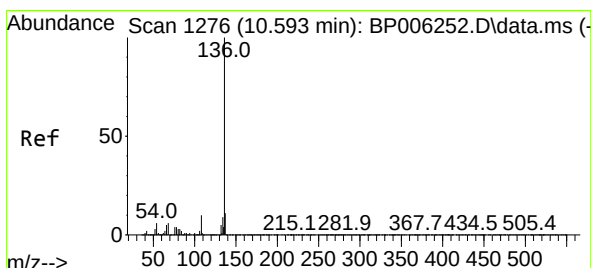
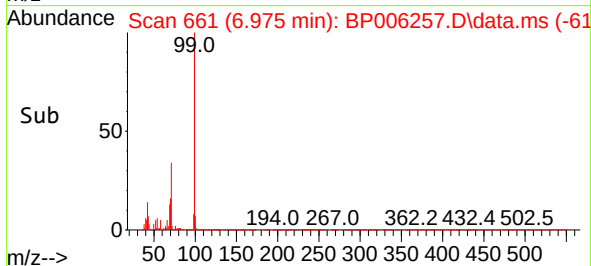
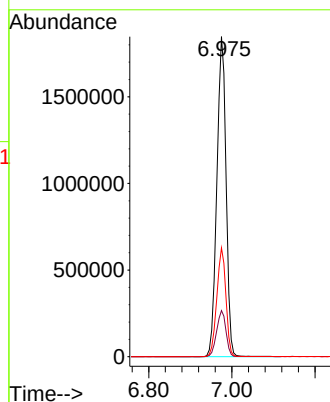
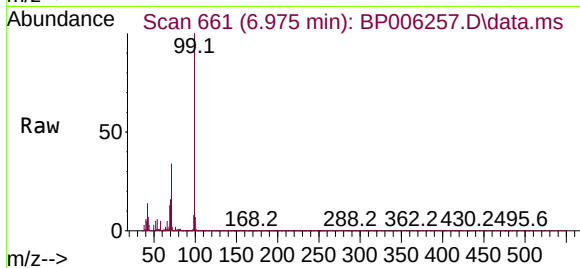


#7
Phenol-d6
Concen: 131.91 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Instrument :
BNA_P
ClientSampleId :
PB137705BL

Tgt Ion: 99 Resp: 2831858

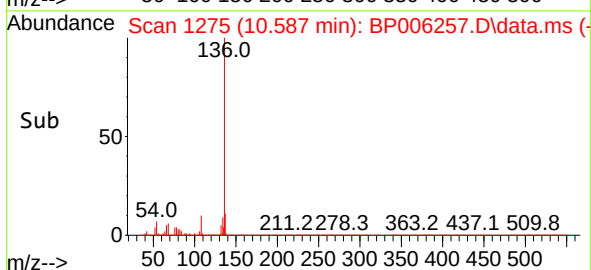
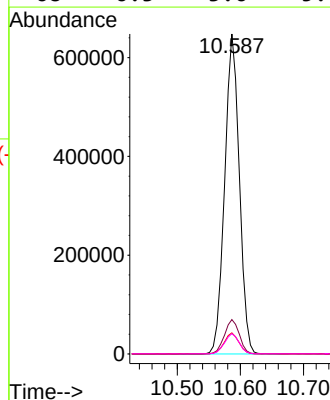
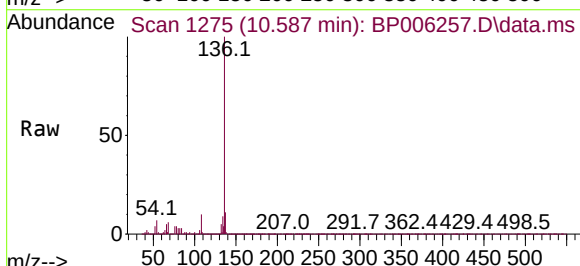
Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.4	20.0
71	34.0	30.6	46.0

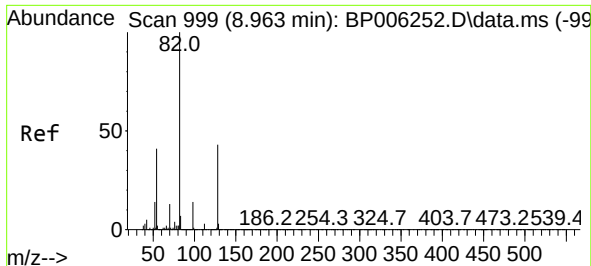


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.587 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion: 136 Resp: 1041224

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.6	4.6	6.8
68	6.3	3.6	5.4

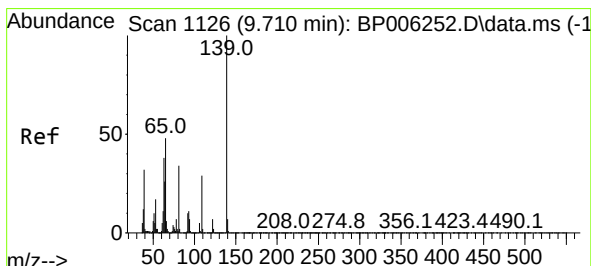
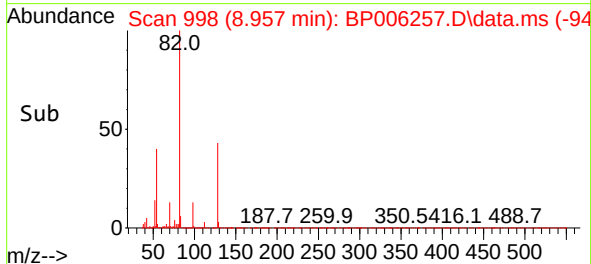
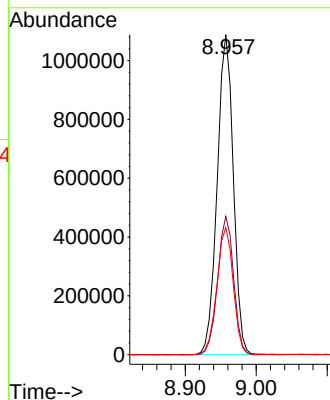
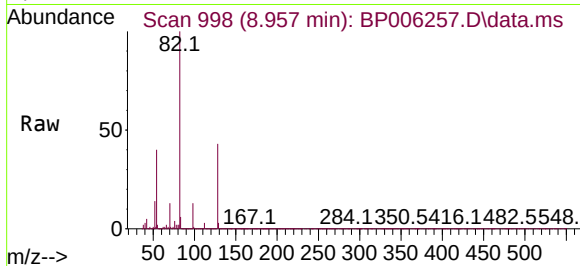




#23
Nitrobenzene-d5
Concen: 98.93 ng
RT: 8.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

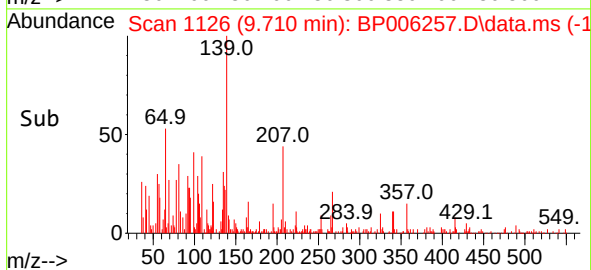
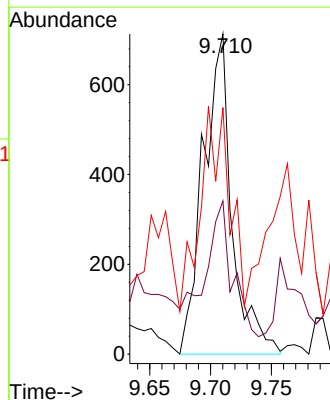
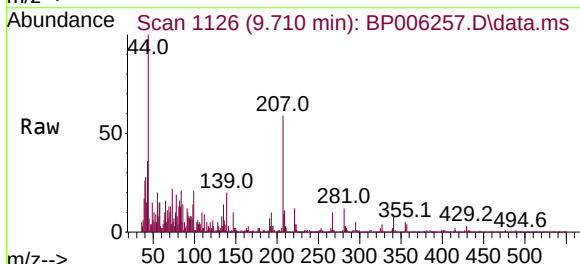
Instrument :
BNA_P
ClientSampleId :
PB137705BL

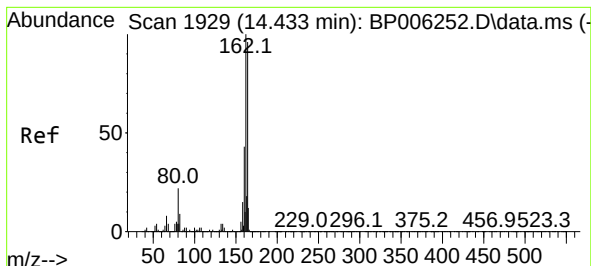
Tgt Ion: 82 Resp: 1710594
Ion Ratio Lower Upper
82 100
128 43.2 35.7 53.5
54 39.7 35.0 52.4



#26
2-Nitrophenol
Concen: 3.50 ng
RT: 9.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:139 Resp: 1170
Ion Ratio Lower Upper
139 100
109 47.8 28.8 43.2#
65 77.0 41.0 61.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BP006257.D

Acq: 20 Jul 2021 18:54

Tgt Ion:164 Resp: 633663

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

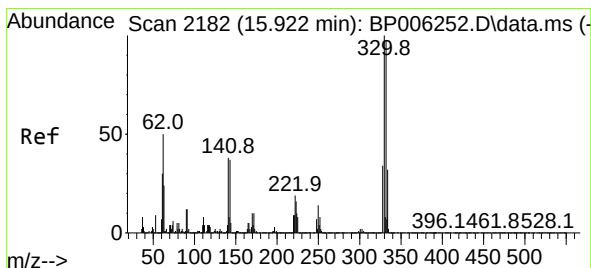
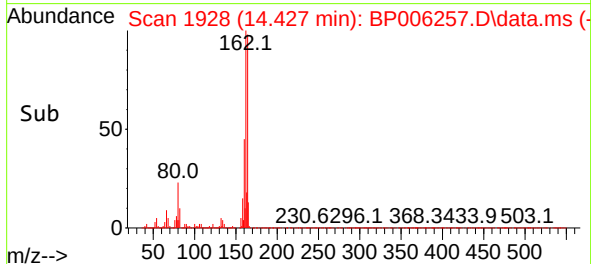
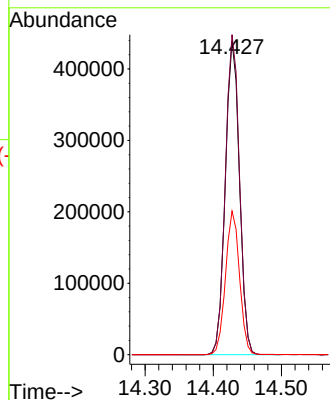
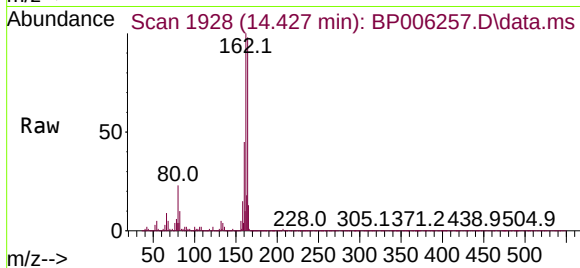
160 45.8 34.5 51.7

Instrument :

BNA_P

ClientSampleId :

PB137705BL



#42

2,4,6-Tribromophenol

Concen: 144.72 ng

RT: 15.922 min Scan# 2182

Delta R.T. -0.000 min

Lab File: BP006257.D

Acq: 20 Jul 2021 18:54

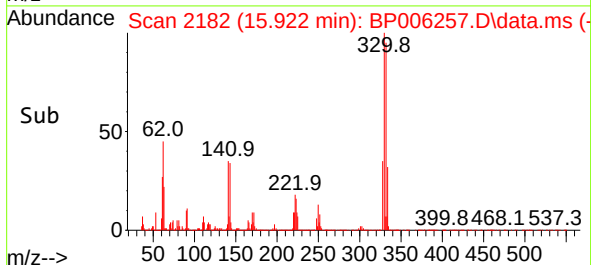
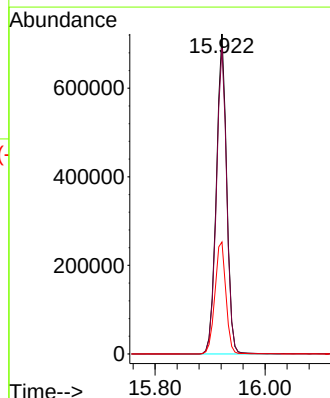
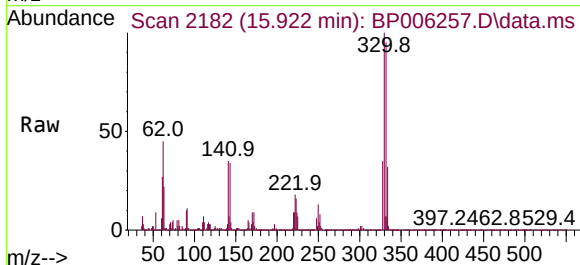
Tgt Ion:330 Resp: 943973

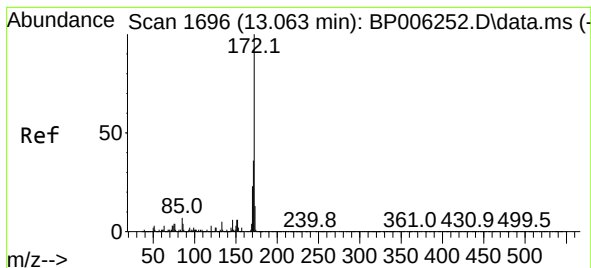
Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 37.3 25.4 38.2

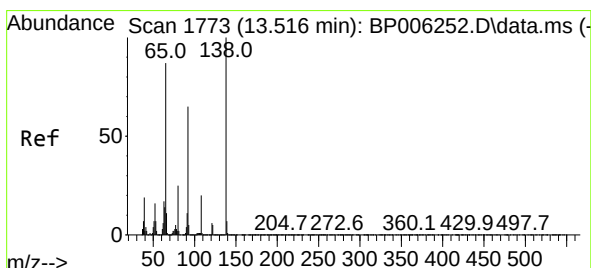
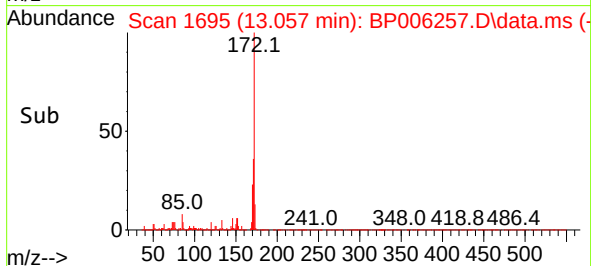
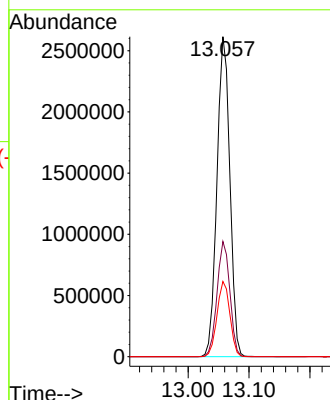
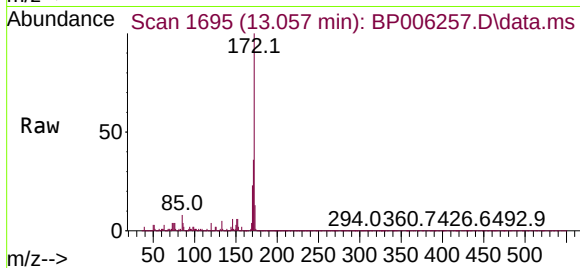




#45
2-Fluorobiphenyl
Concen: 92.31 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

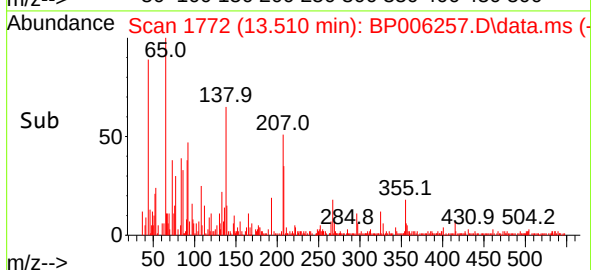
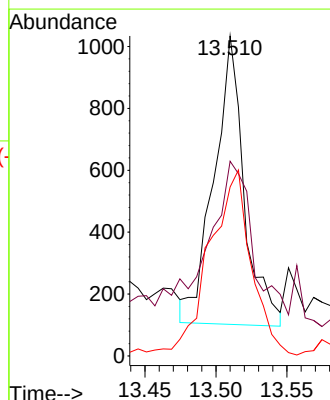
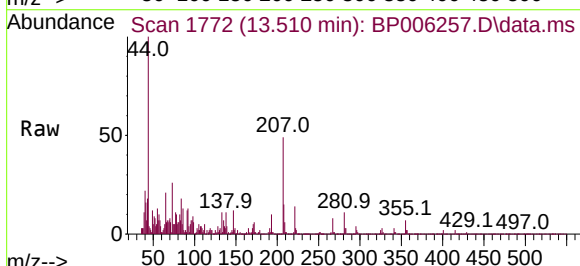
Instrument :
BNA_P
ClientSampleId :
PB137705BL

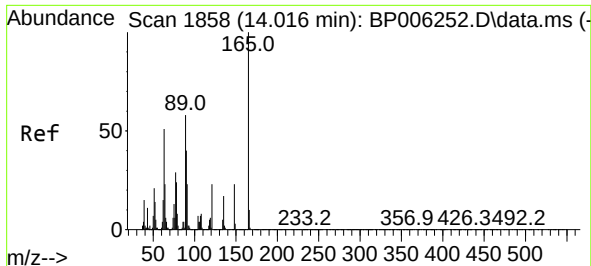
Tgt Ion:172 Resp: 3842955
Ion Ratio Lower Upper
172 100
171 36.0 27.9 41.9
170 23.5 18.6 27.8



#48
2-Nitroaniline
Concen: 3.89 ng
RT: 13.510 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion: 65 Resp: 1380
Ion Ratio Lower Upper
65 100
92 60.8 57.7 86.5
138 52.8 92.1 138.1#

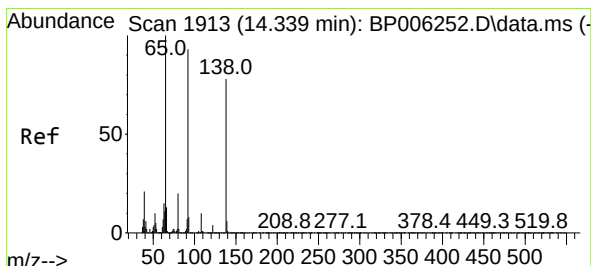
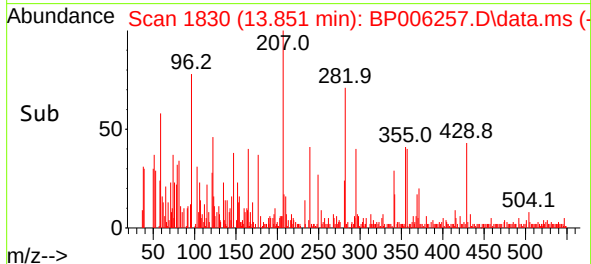
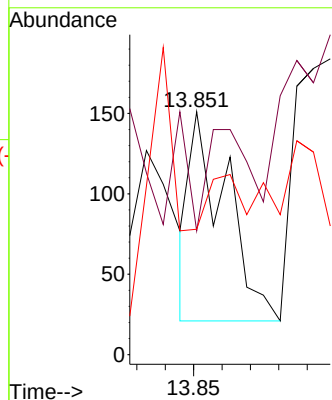
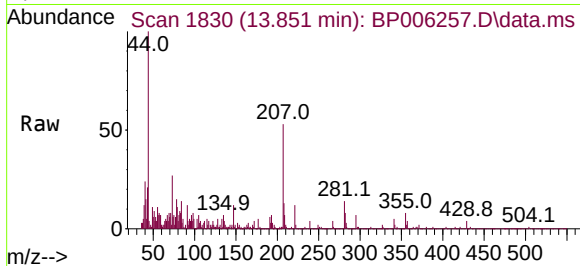




#51
2,6-Dinitrotoluene
Concen: 2.67 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.165 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

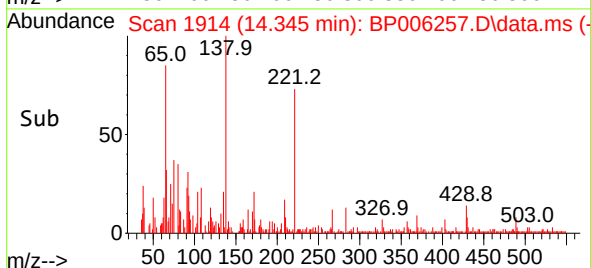
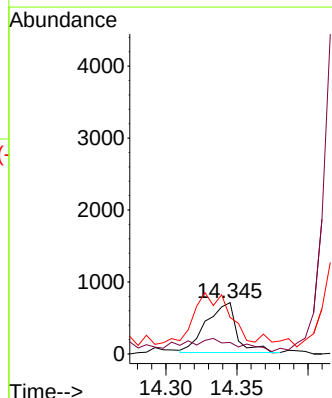
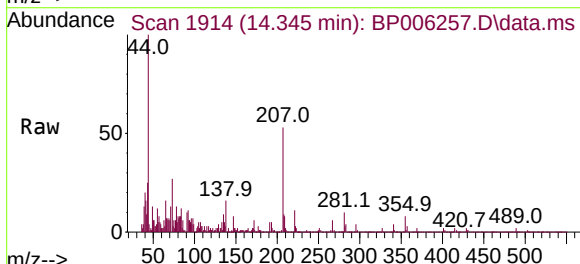
Instrument :
BNA_P
ClientSampleId :
PB137705BL

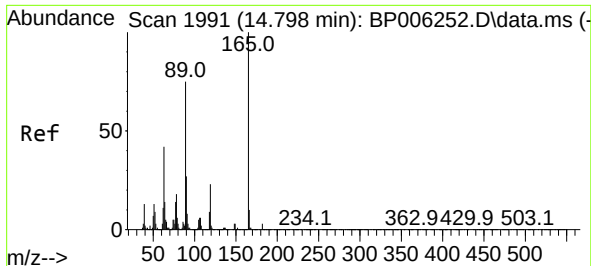
Tgt Ion:165	Resp:	116
Ion Ratio	Lower	Upper
165	100	
63	46.7	41.3 61.9
89	47.3	44.8 67.2



#53
3-Nitroaniline
Concen: 3.10 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:138	Resp:	1033
Ion Ratio	Lower	Upper
138	100	
108	22.5	8.4 12.6#
92	70.9	87.8 131.8#

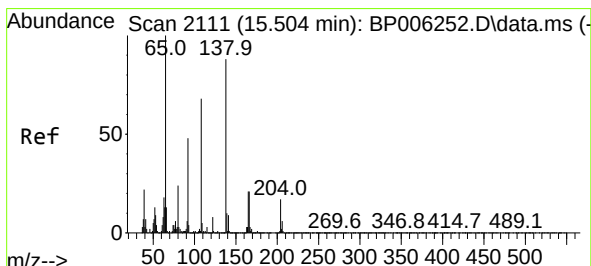
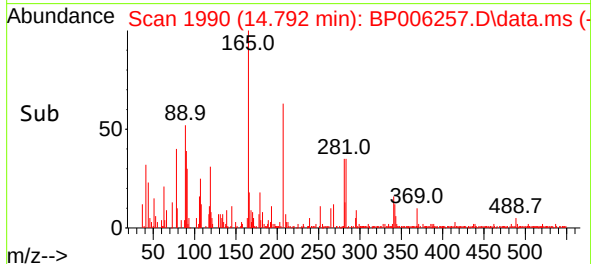
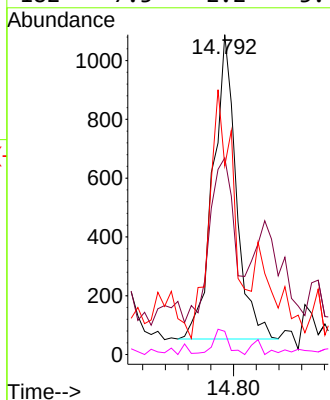
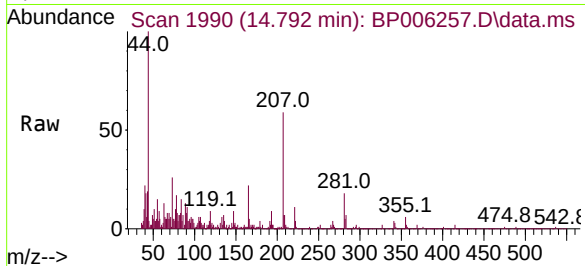




#57
2,4-Dinitrotoluene
Concen: 3.72 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

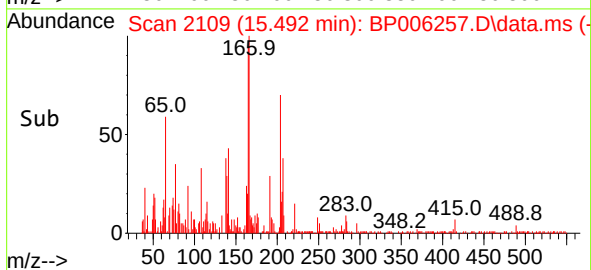
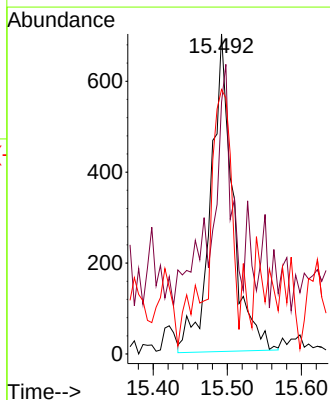
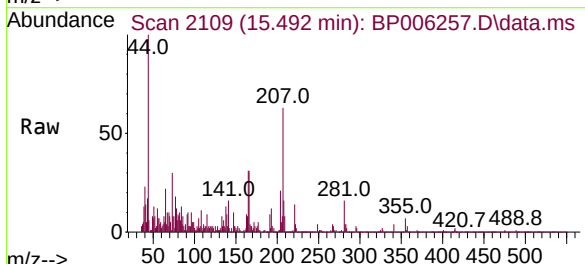
Instrument :
BNA_P
ClientSampleId :
PB137705BL

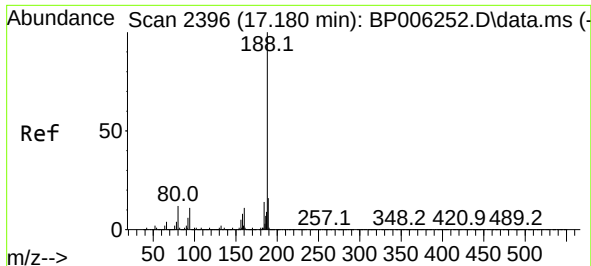
Tgt Ion:	165	Resp:	1478
Ion Ratio	Lower	Upper	
165	100		
63	61.5	32.3	48.5#
89	59.0	55.9	83.9
182	7.3	2.2	3.4#



#62
4-Nitroaniline
Concen: 3.27 ng
RT: 15.492 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:	138	Resp:	1445
Ion Ratio	Lower	Upper	
138	100		
92	78.7	31.2	71.2#
108	82.7	78.6	118.6

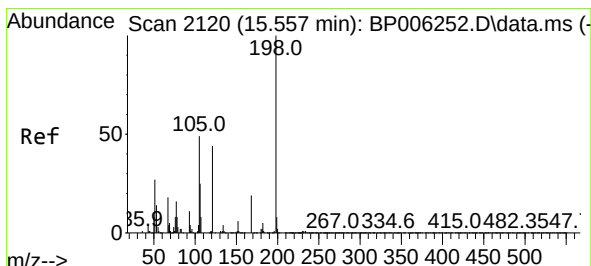
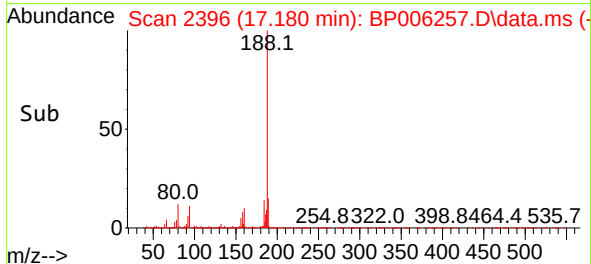
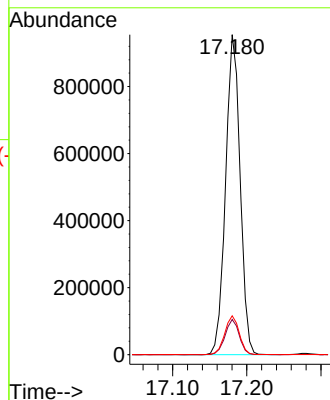
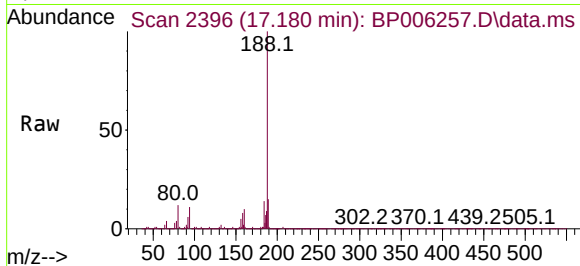




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

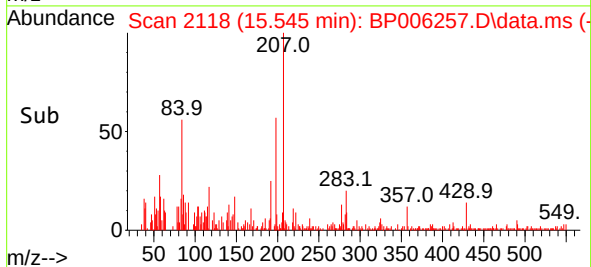
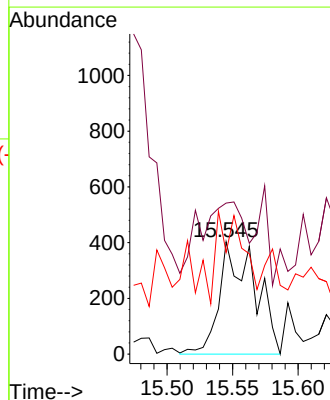
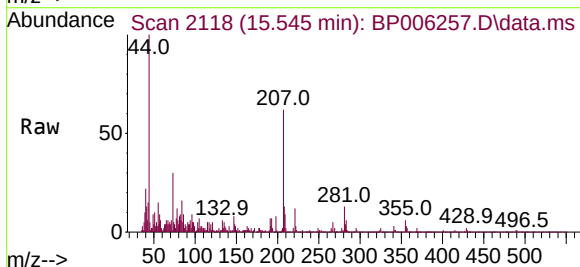
Instrument :
BNA_P
ClientSampleId :
PB137705BL

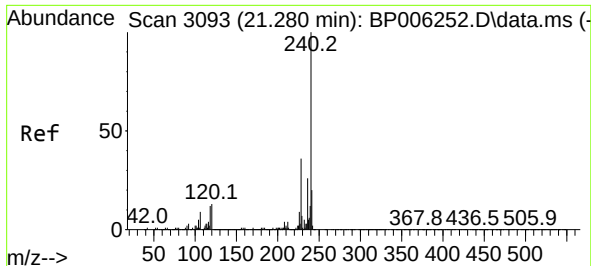
Tgt Ion:188 Resp: 1297800
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 12.2 6.3 9.5#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.73 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:198 Resp: 756
Ion Ratio Lower Upper
198 100
51 134.5 14.0 54.0#
105 90.6 19.5 59.5#

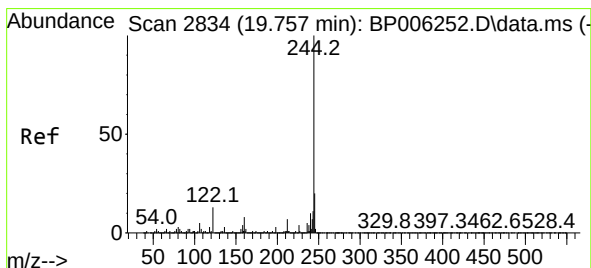
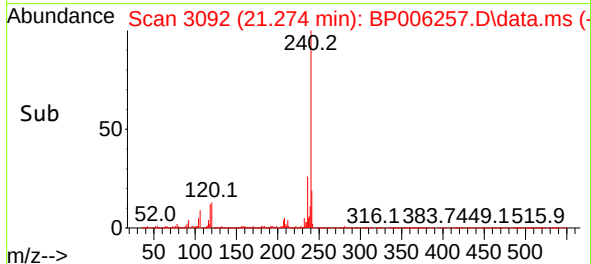
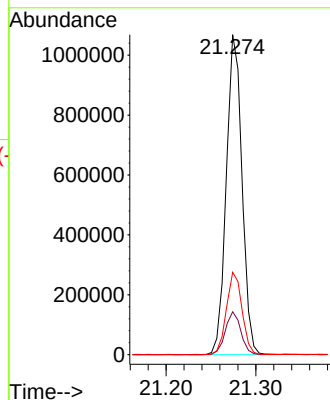
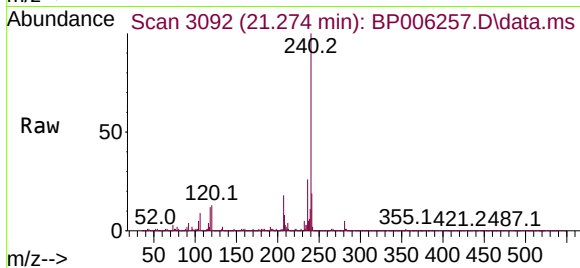




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

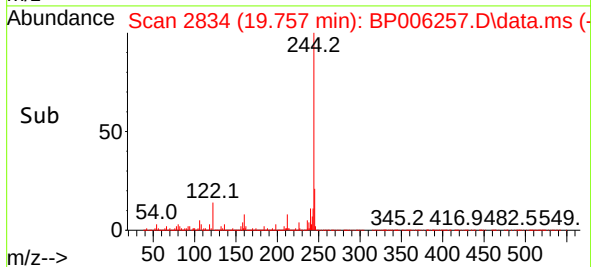
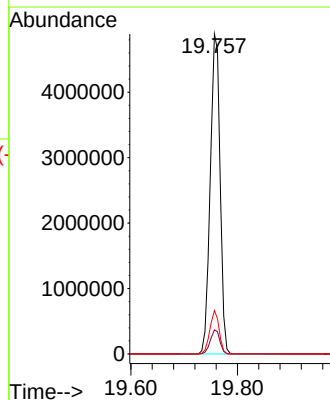
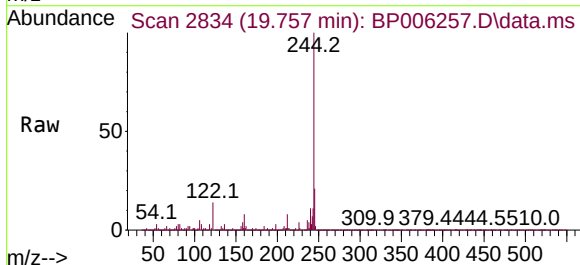
Instrument :
BNA_P
ClientSampleId :
PB137705BL

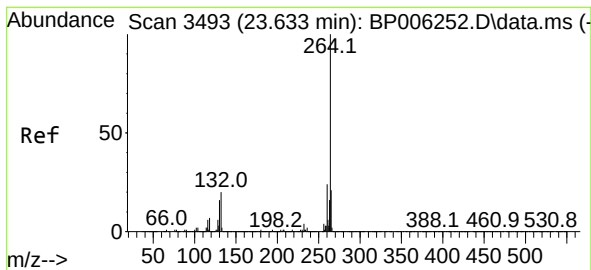
Tgt Ion:240 Resp: 1298289
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 96.06 ng
RT: 19.757 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Tgt Ion:244 Resp: 6234534
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.6 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BP006257.D
Acq: 20 Jul 2021 18:54

Instrument :
BNA_P
ClientSampleId :
PB137705BL

Tgt Ion:264 Resp: 1341656

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.6	26.4

