

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
 Data File : BP011777.D
 Acq On : 21 Sep 2022 21:28
 Operator : CG/JU
 Sample : PB147377BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147377BL

Quant Time: Sep 22 03:44:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

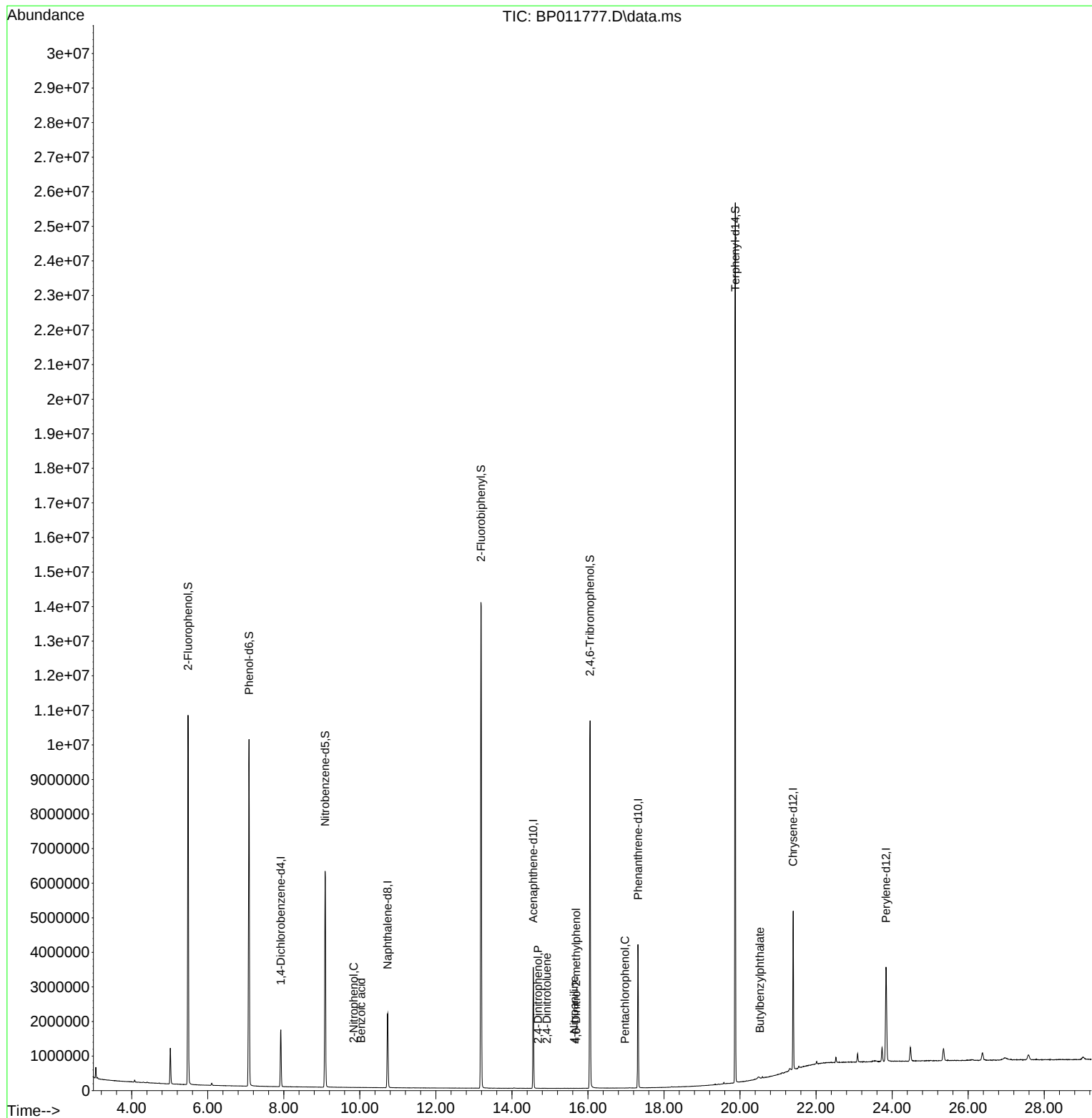
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	442433	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	1863686	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1116219	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	2255167	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1910353	20.000	ng	0.00
86) Perylene-d12	23.839	264	1826470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4640124	184.018	ng	0.00
7) Phenol-d6	7.087	99	5979674	160.382	ng	0.00
23) Nitrobenzene-d5	9.087	82	3647482	102.437	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1423946	189.455	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	7360022	104.272	ng	0.00
79) Terphenyl-d14	19.874	244	10631696	127.965	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.840	139	18	3.332	ng	# 1
32) Benzoic acid	10.034	122	96	6.762	ng	# 1
54) 2,4-Dinitrophenol	14.686	184	12	6.727	ng	# 1
57) 2,4-Dinitrotoluene	14.916	165	49	2.541	ng	# 31
62) 4-Nitroaniline	15.639	138	42	2.387	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	35	5.623	ng	# 1
70) Pentachlorophenol	16.975	266	168	4.395	ng	# 28
80) Butylbenzylphthalate	20.521	149	312	2.688	ng	# 74

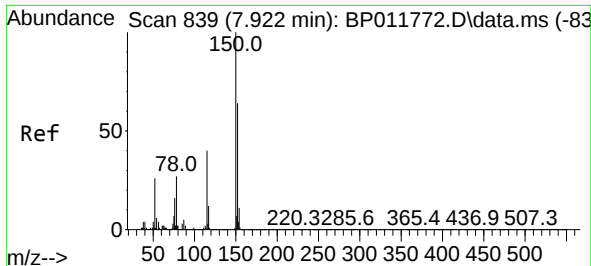
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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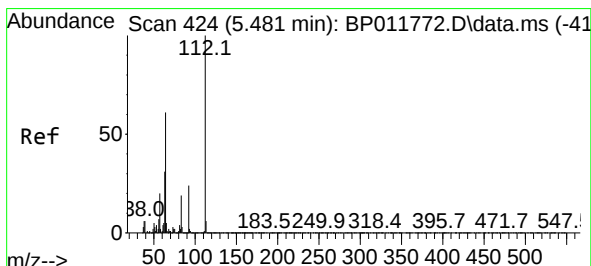
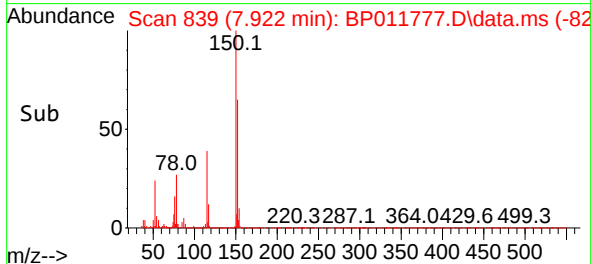
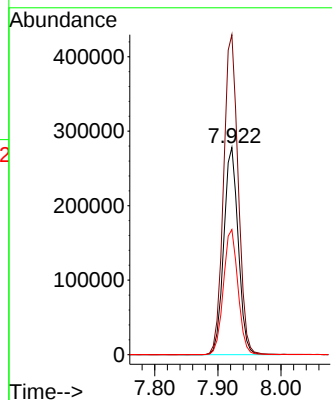
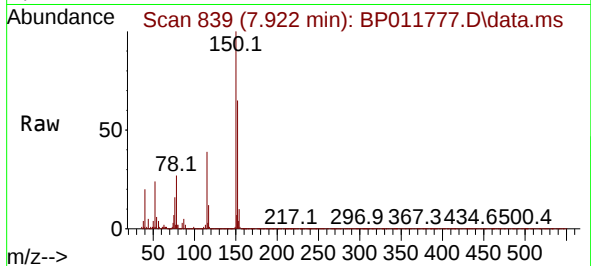




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

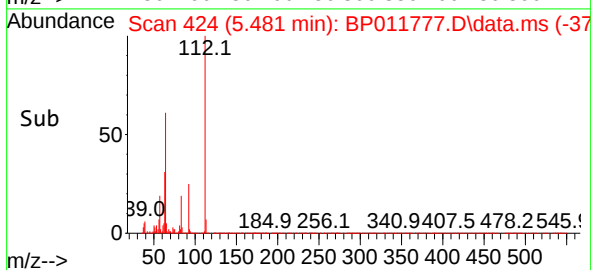
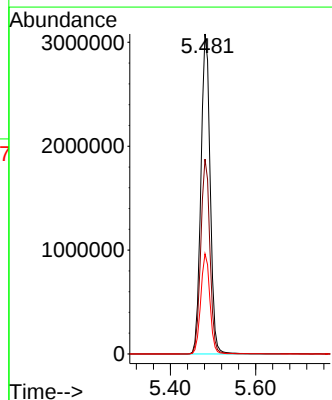
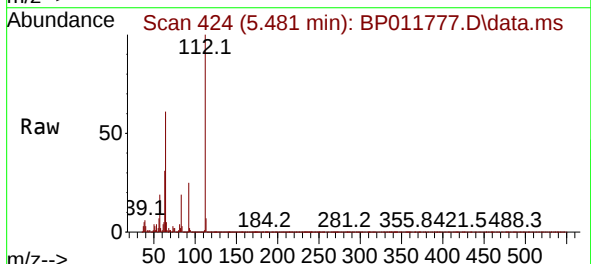
Instrument :
BNA_P
ClientSampleId :
PB147377BL

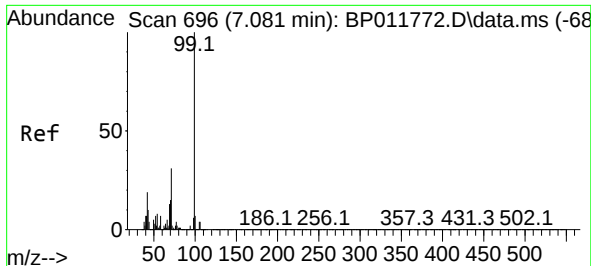
Tgt Ion:152 Resp: 442433
Ion Ratio Lower Upper
152 100
150 154.4 124.2 186.4
115 60.4 50.0 75.0



#5
2-Fluorophenol
Concen: 184.018 ng
RT: 5.481 min Scan# 424
Delta R.T. -0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:112 Resp: 4640124
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 31.3 25.2 37.8



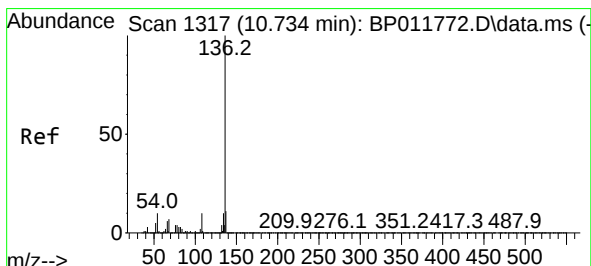
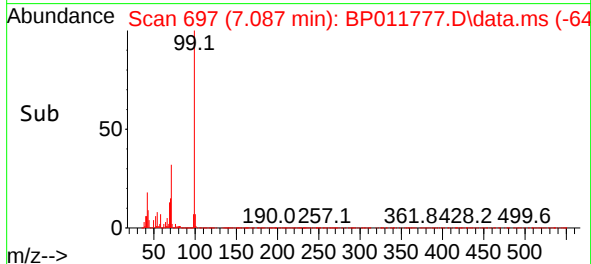
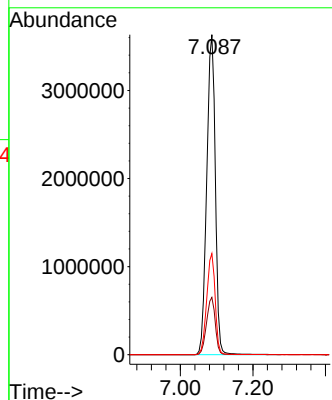
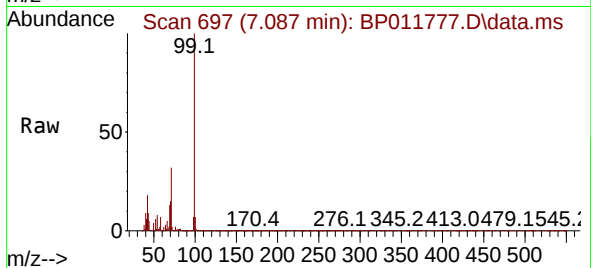


#7
Phenol-d6
Concen: 160.382 ng
RT: 7.087 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Instrument :
BNA_P
ClientSampleId :
PB147377BL

Tgt Ion: 99 Resp: 5979674

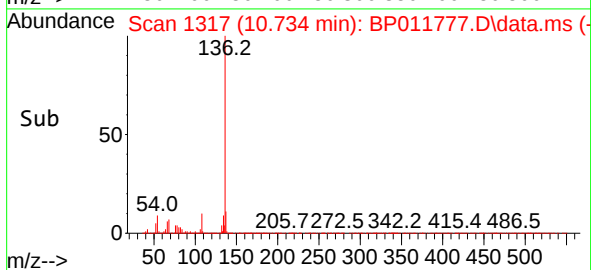
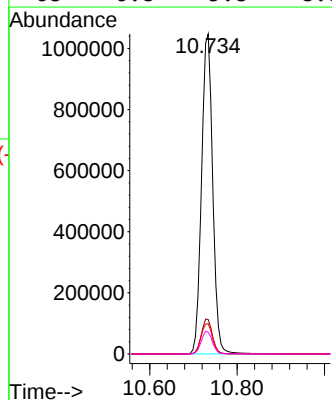
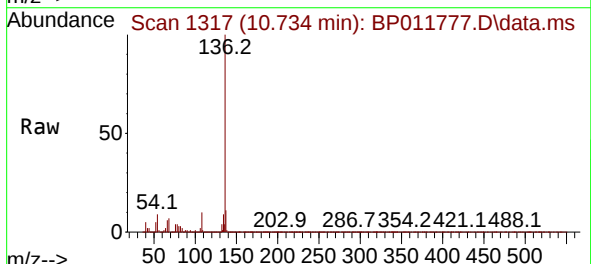
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.4	23.2
71	31.6	24.7	37.1

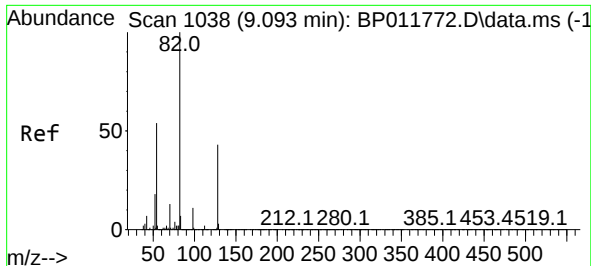


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion: 136 Resp: 1863686

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.5	8.2	12.4
68	6.8	5.8	8.8

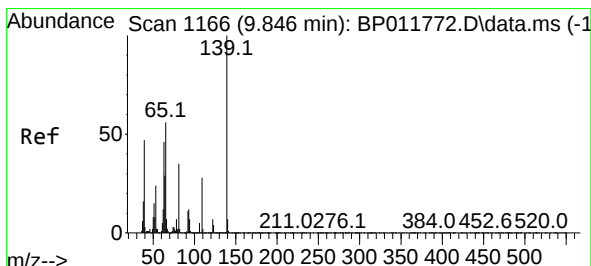
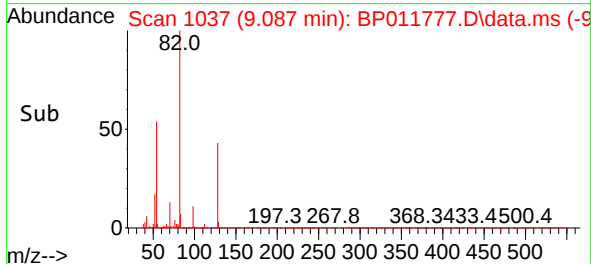
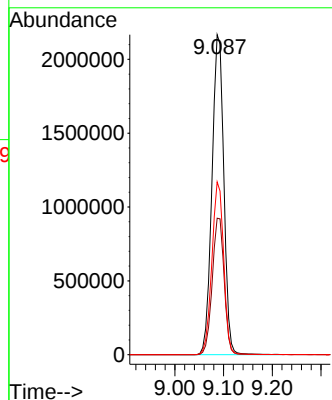
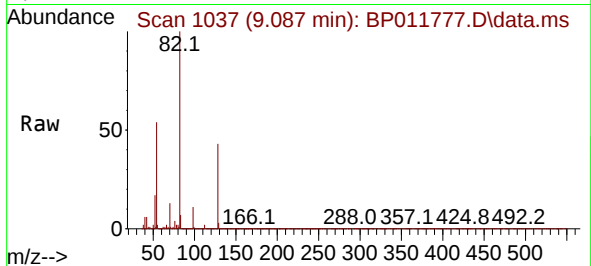




#23
Nitrobenzene-d5
Concen: 102.437 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

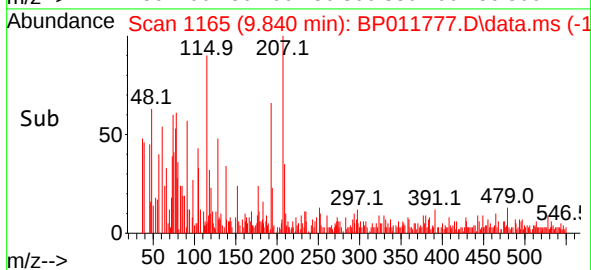
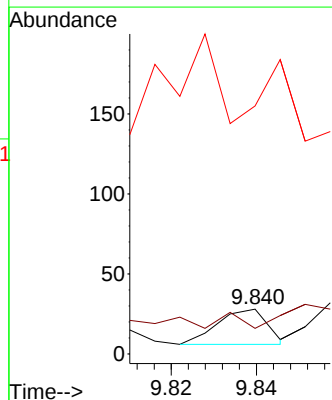
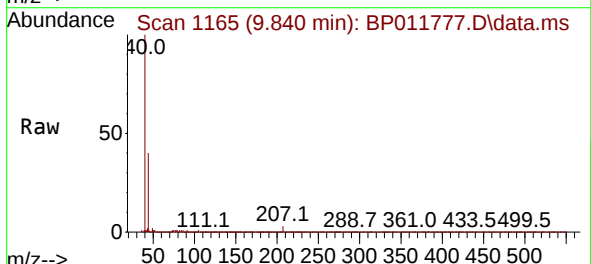
Instrument :
BNA_P
ClientSampleId :
PB147377BL

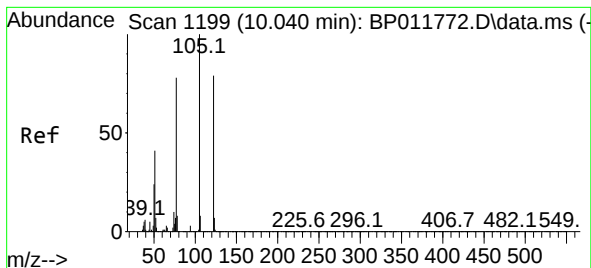
Tgt Ion: 82 Resp: 3647482
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.4
54 54.0 43.1 64.7



#26
2-Nitrophenol
Concen: 3.332 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 57.1 22.6 34.0#
65 553.6 44.7 67.1#

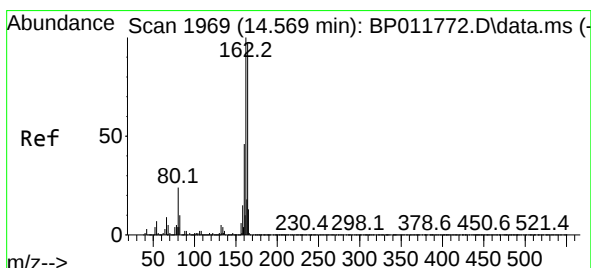
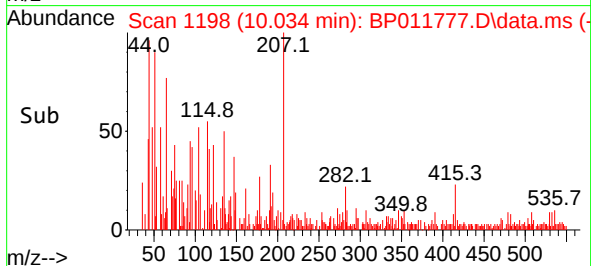
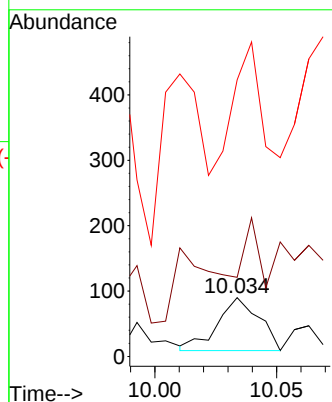
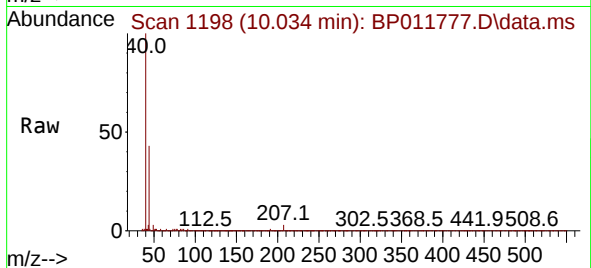




#32
Benzoic acid
Concen: 6.762 ng
RT: 10.034 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

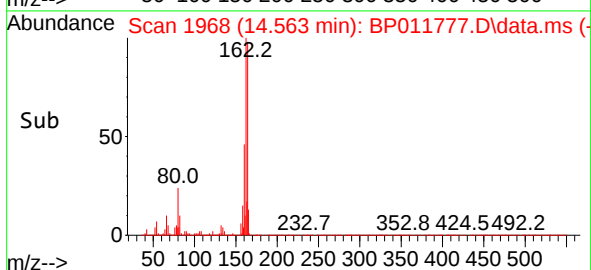
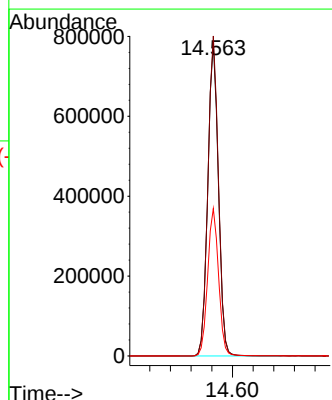
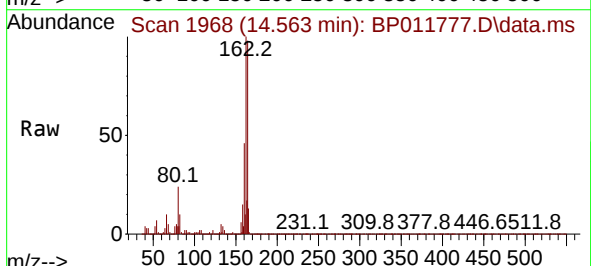
Instrument :
BNA_P
ClientSampleId :
PB147377BL

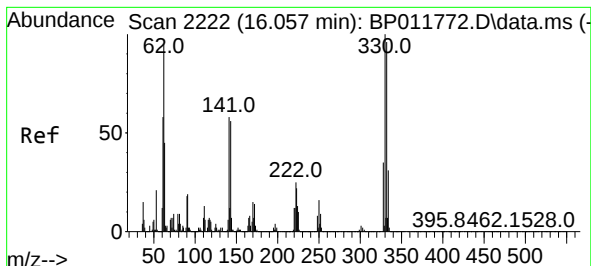
Tgt Ion:122 Resp: 96
Ion Ratio Lower Upper
122 100
105 124.7 101.0 141.0
77 436.1 75.9 115.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:164 Resp: 1116219
Ion Ratio Lower Upper
164 100
162 102.4 82.5 123.7
160 47.2 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 189.455 ng

RT: 16.057 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011777.D

Acq: 21 Sep 2022 21:28

Instrument :

BNA_P

ClientSampleId :

PB147377BL

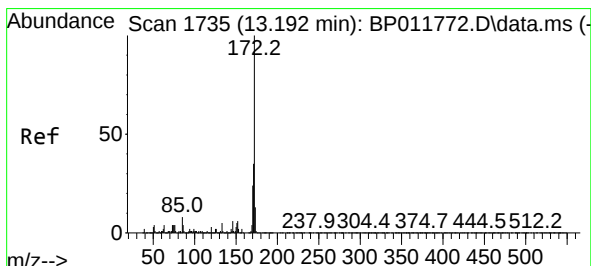
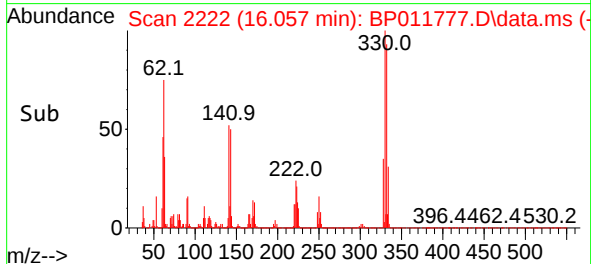
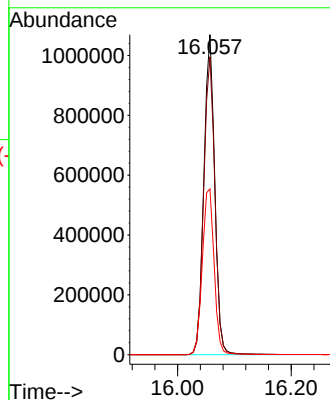
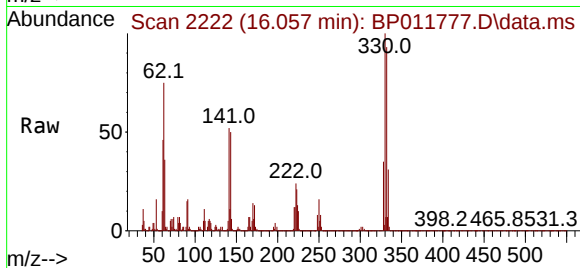
Tgt Ion:330 Resp: 1423946

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

141 56.6 48.7 73.1



#45

2-Fluorobiphenyl

Concen: 104.272 ng

RT: 13.192 min Scan# 1735

Delta R.T. -0.000 min

Lab File: BP011777.D

Acq: 21 Sep 2022 21:28

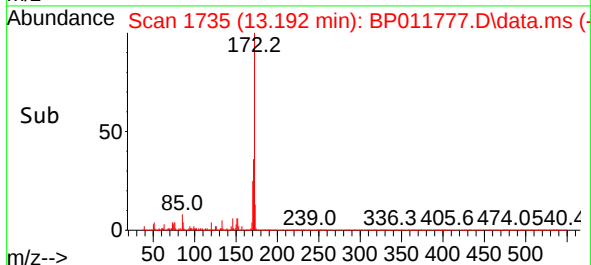
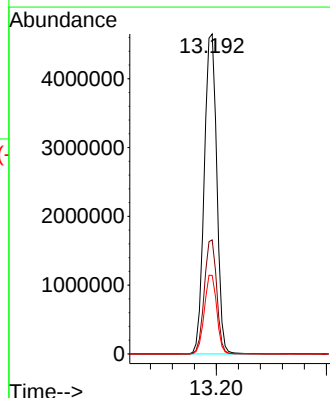
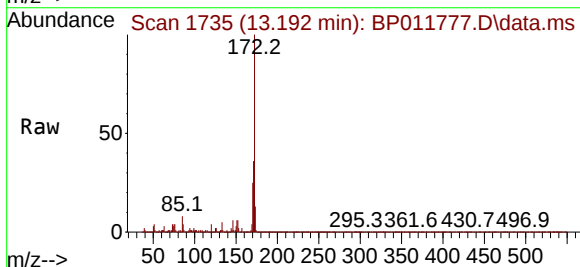
Tgt Ion:172 Resp: 7360022

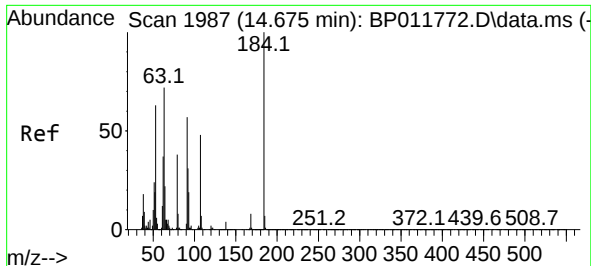
Ion Ratio Lower Upper

172 100

171 35.6 27.9 41.9

170 24.5 19.5 29.3

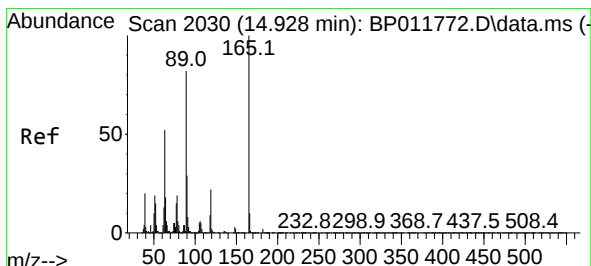
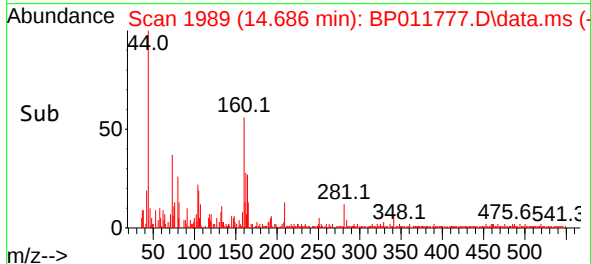
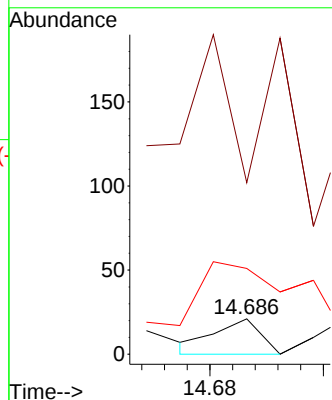
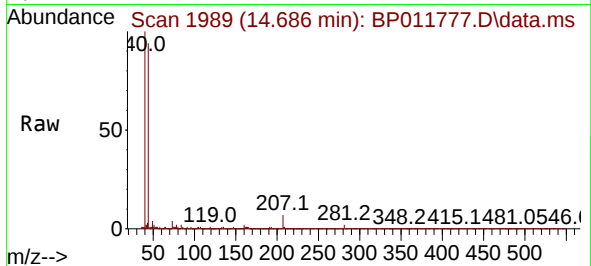




#54
2,4-Dinitrophenol
Concen: 6.727 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.011 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

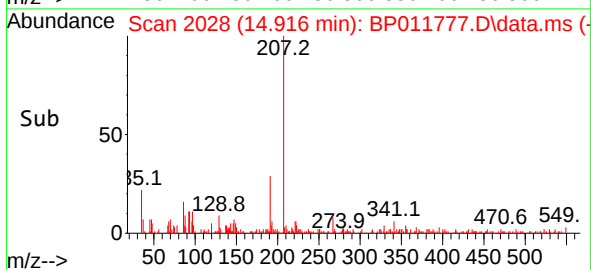
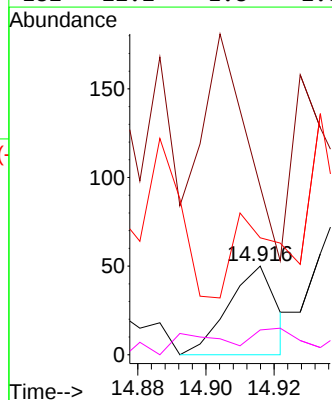
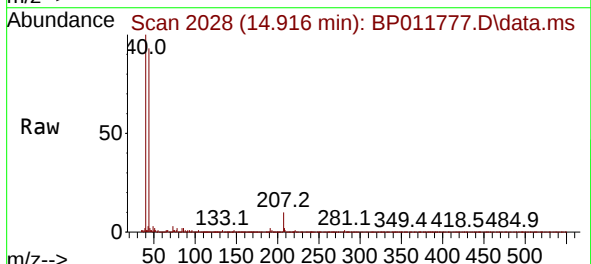
Instrument :
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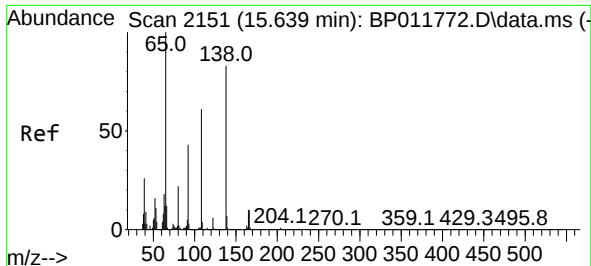
Tgt Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 485.7 65.7 98.5#
154 242.9 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.541 ng
RT: 14.916 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:165 Resp: 49
Ion Ratio Lower Upper
165 100
63 150.8 41.4 62.2#
89 104.8 66.0 99.0#
182 22.2 1.8 2.8#

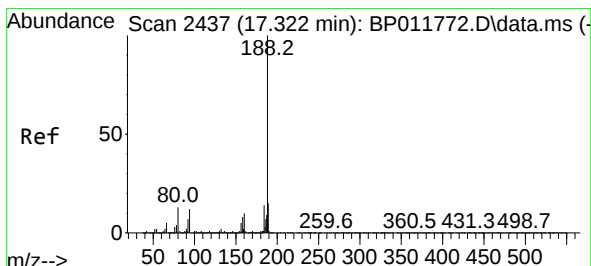
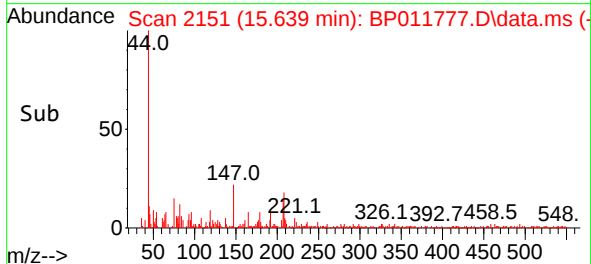
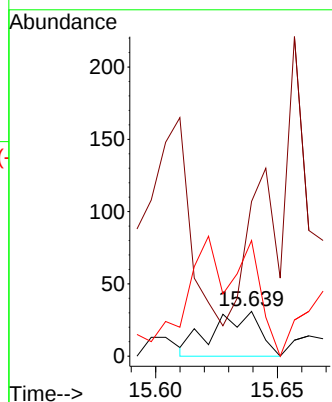
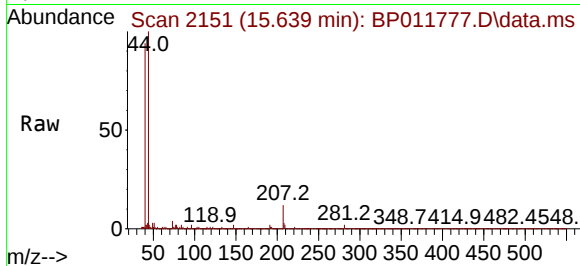




#62
4-Nitroaniline
Concen: 2.387 ng
RT: 15.639 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

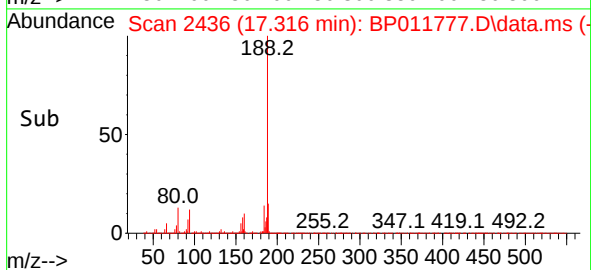
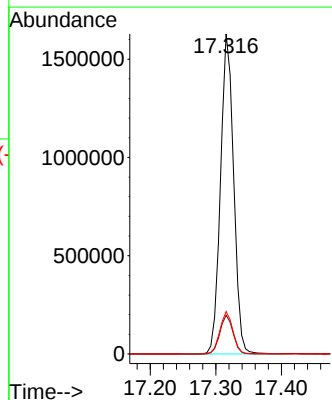
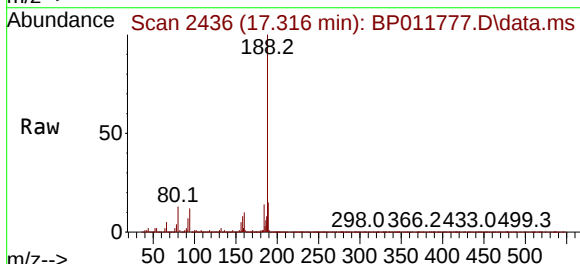
Instrument :
BNA_P
ClientSampleId :
PB147377BL

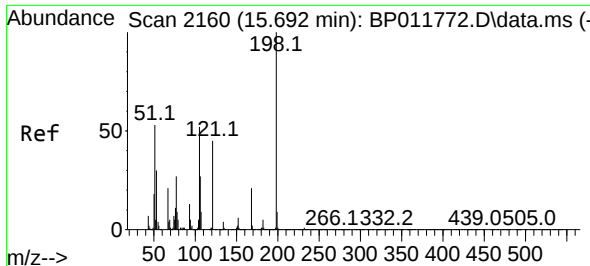
Tgt Ion:138 Resp: 42
Ion Ratio Lower Upper
138 100
92 345.2 31.9 71.9#
108 258.1 53.3 93.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:188 Resp: 2255167
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.0
80 13.3 10.6 15.8

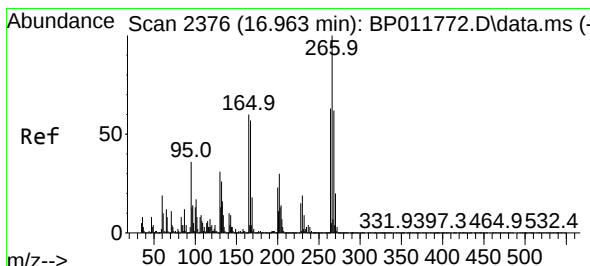
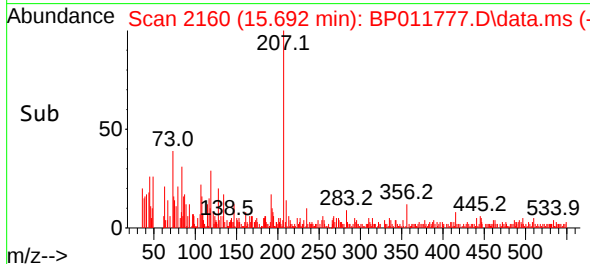
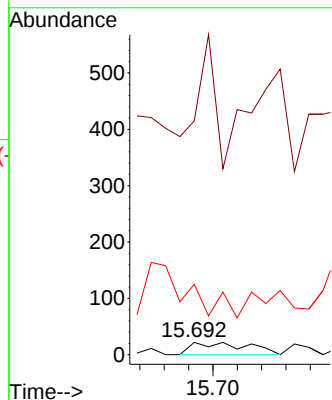
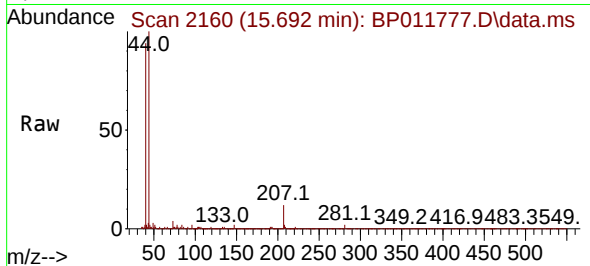




#65
4,6-Dinitro-2-methylphenol
Concen: 5.623 ng
RT: 15.692 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

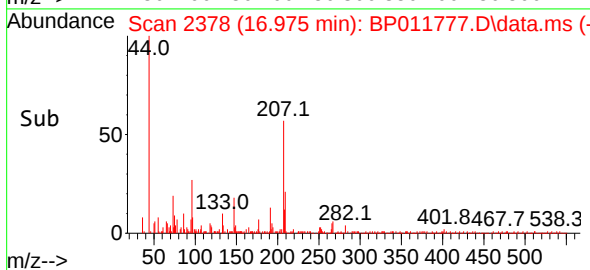
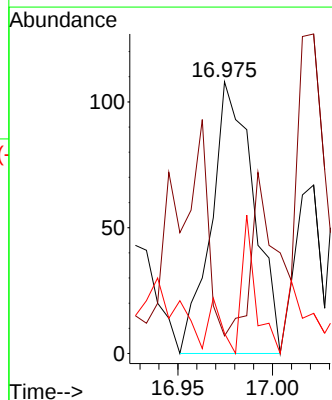
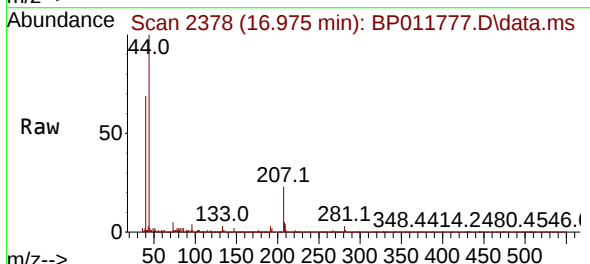
Instrument :
BNA_P
ClientSampleId :
PB147377BL

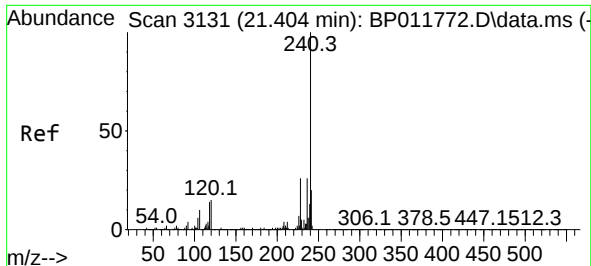
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 1886.4 41.6 81.6#
105 568.2 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.395 ng
RT: 16.975 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:266 Resp: 168
Ion Ratio Lower Upper
266 100
268 6.5 49.7 74.5#
264 7.4 50.6 75.8#

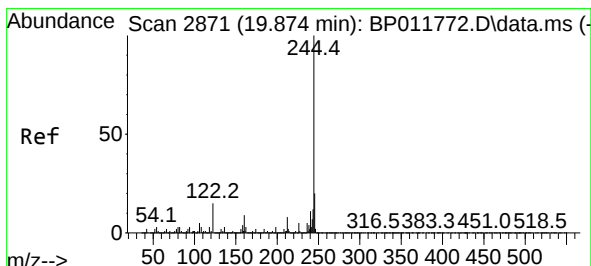
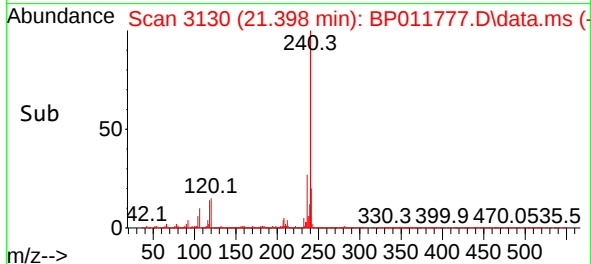
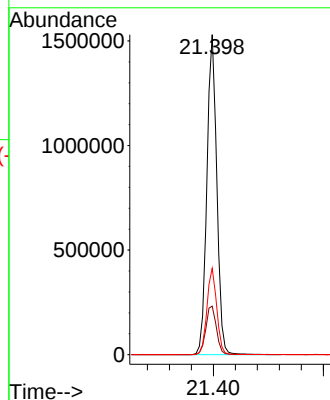
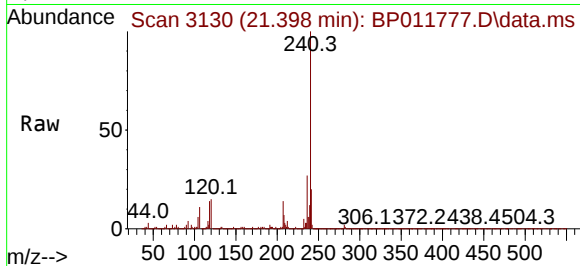




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

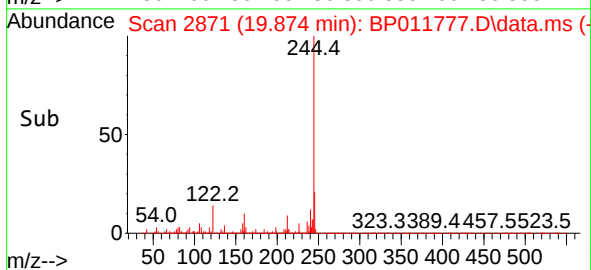
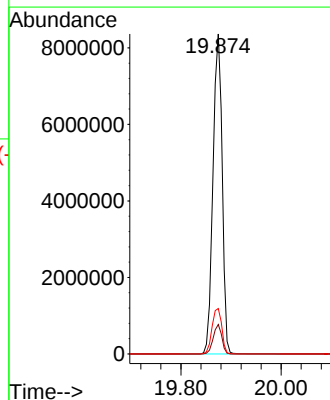
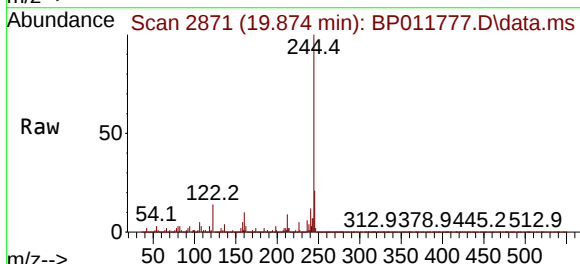
Instrument :
BNA_P
ClientSampleId :
PB147377BL

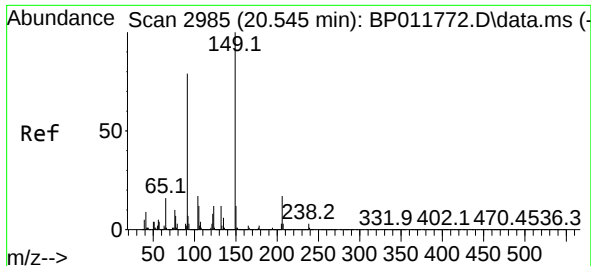
Tgt Ion:240 Resp: 1910353
Ion Ratio Lower Upper
240 100
120 15.1 12.0 18.0
236 27.0 21.1 31.7



#79
Terphenyl-d14
Concen: 127.965 ng
RT: 19.874 min Scan# 2871
Delta R.T. -0.000 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:244 Resp:10631696
Ion Ratio Lower Upper
244 100
212 9.2 6.5 9.7
122 14.2 11.8 17.8

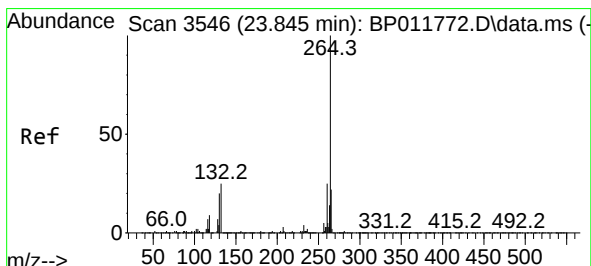
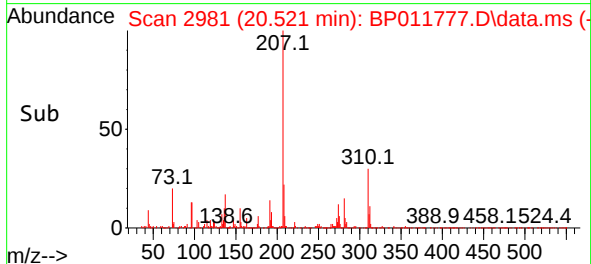
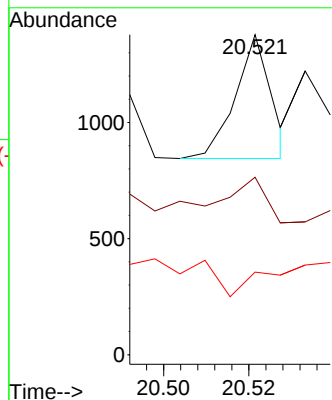
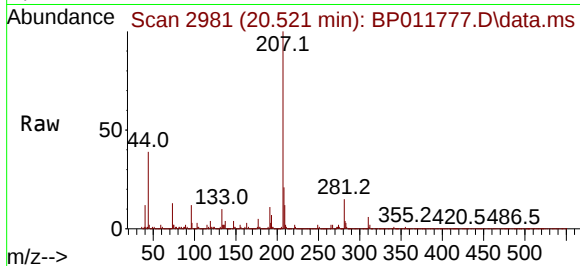




#80
Butylbenzylphthalate
Concen: 2.688 ng
RT: 20.521 min Scan# 2981
Delta R.T. -0.024 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Instrument :
BNA_P
ClientSampleId :
PB147377BL

Tgt Ion:149 Resp: 312
Ion Ratio Lower Upper
149 100
91 55.4 63.1 94.7#
206 25.8 13.6 20.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BP011777.D
Acq: 21 Sep 2022 21:28

Tgt Ion:264 Resp: 1826470
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 22.4 17.8 26.8

