

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092922\
 Data File : BP011841.D
 Acq On : 29 Sep 2022 15:01
 Operator : CG/JU
 Sample : N4860-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2022-09-27

Quant Time: Sep 30 04:15:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

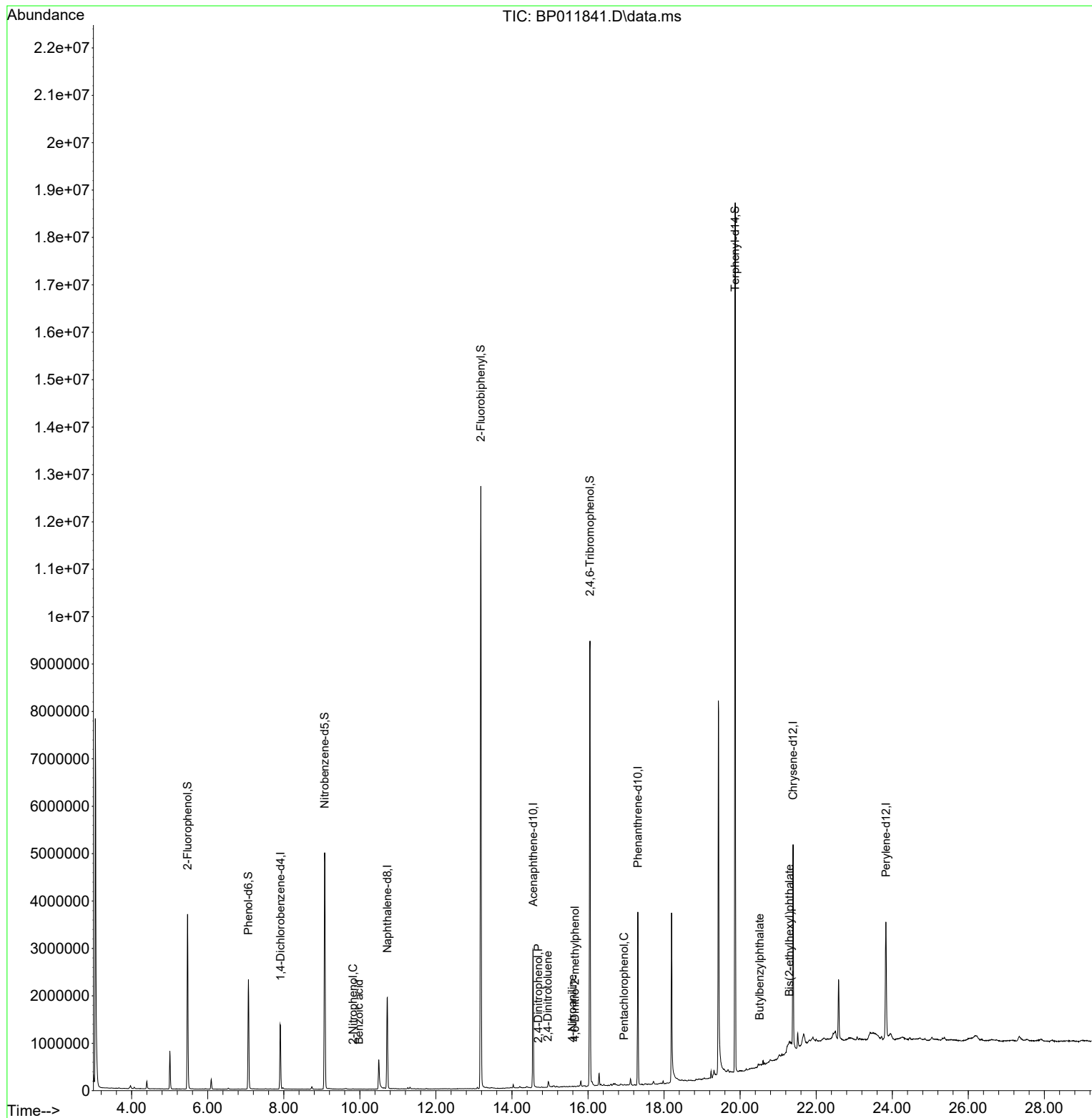
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	406441	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1747578	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	1036988	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2118907	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1987979	20.000	ng	0.00
86) Perylene-d12	23.833	264	1807514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	1785854	77.095	ng	0.00
7) Phenol-d6	7.069	99	1477072	43.125	ng	0.00
23) Nitrobenzene-d5	9.075	82	3078155	92.192	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1683329	241.077	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	6813612	103.906	ng	0.00
79) Terphenyl-d14	19.869	244	8708573	100.725	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.822	139	56	3.335	ng	# 1
32) Benzoic acid	9.975	122	708	6.790	ng	# 76
54) 2,4-Dinitrophenol	14.693	184	34	6.730	ng	# 1
57) 2,4-Dinitrotoluene	14.940	165	361	2.554	ng	# 65
62) 4-Nitroaniline	15.587	138	115	2.391	ng	# 85
65) 4,6-Dinitro-2-methylph...	15.651	198	146	5.632	ng	# 1
70) Pentachlorophenol	16.951	266	1355	4.481	ng	# 89
80) Butylbenzylphthalate	20.516	149	1642	2.707	ng	# 85
84) Bis(2-ethylhexyl)phtha...	21.298	149	37665	2.278	ng	# 92

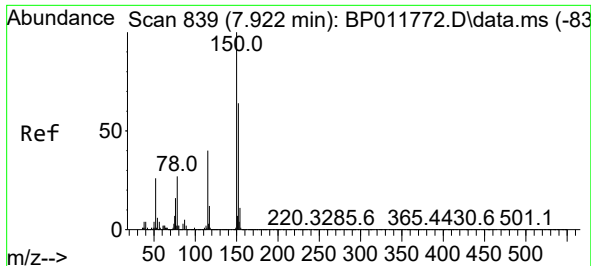
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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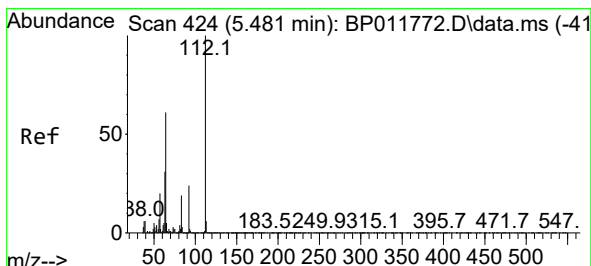
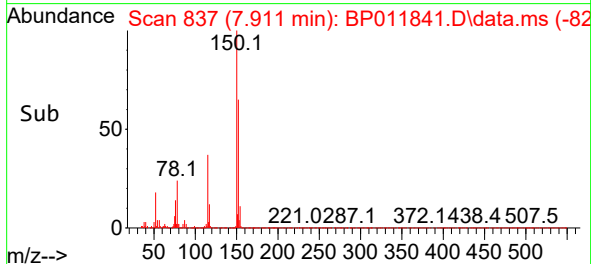
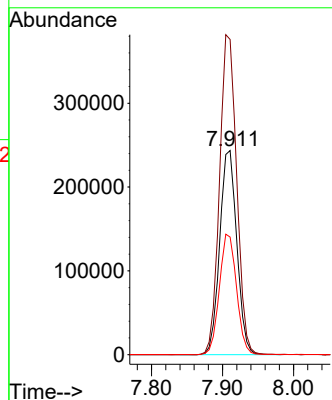
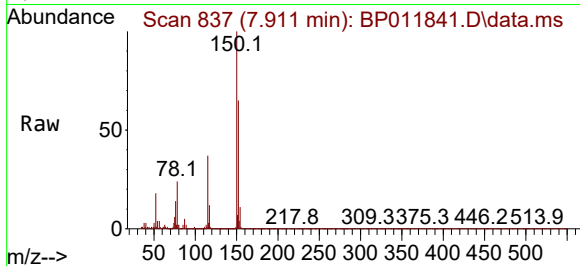




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

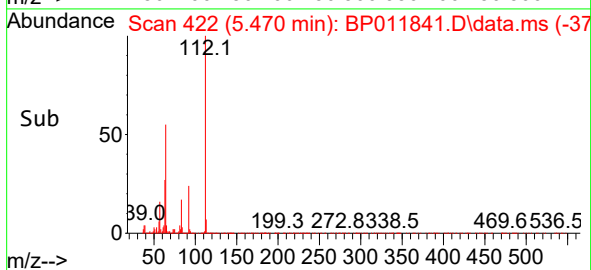
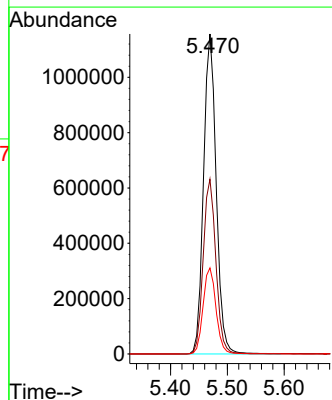
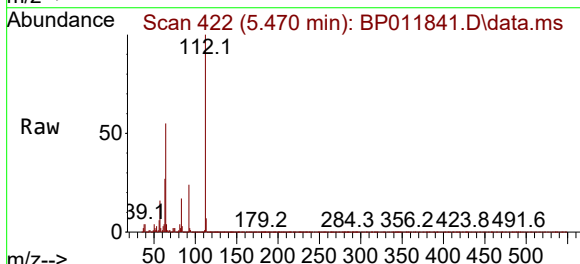
Instrument :
BNA_P
ClientSampleId :
EB-2022-09-27

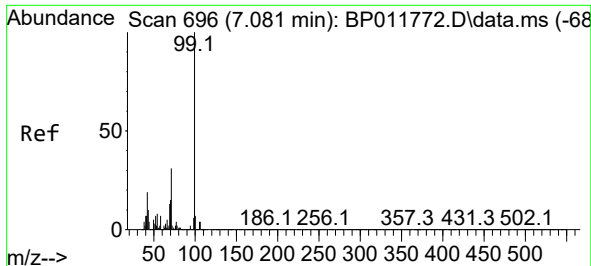
Tgt Ion:152 Resp: 406441
Ion Ratio Lower Upper
152 100
150 154.3 124.2 186.4
115 57.6 50.0 75.0



#5
2-Fluorophenol
Concen: 77.095 ng
RT: 5.470 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:112 Resp: 1785854
Ion Ratio Lower Upper
112 100
64 54.6 49.2 73.8
63 26.9 25.2 37.8

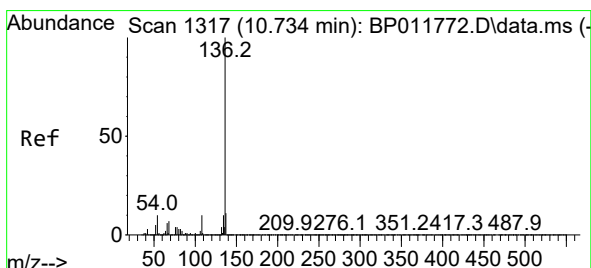
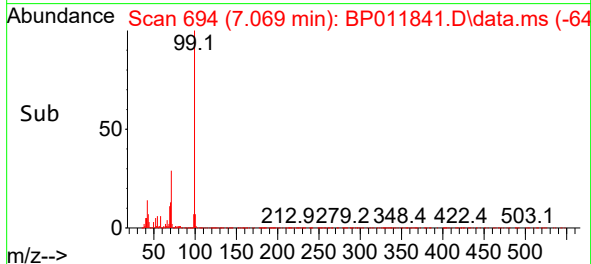
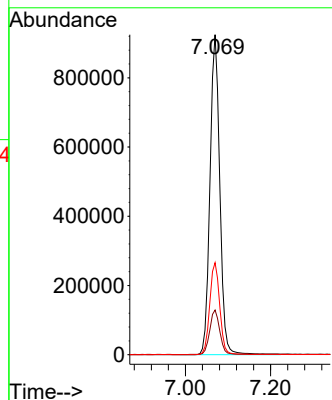
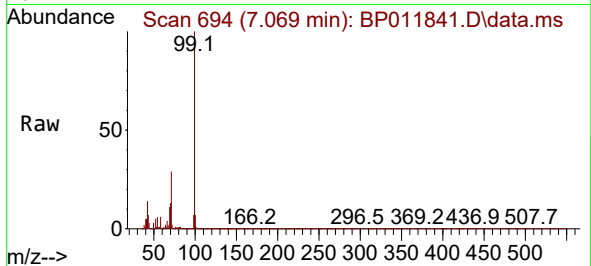




#7
Phenol-d6
Concen: 43.125 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

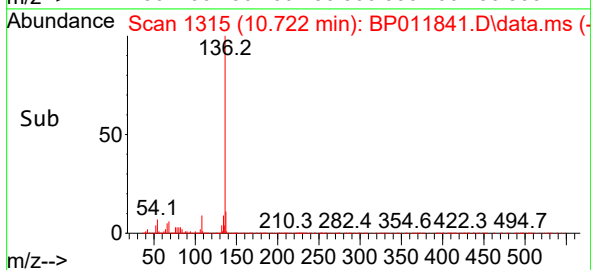
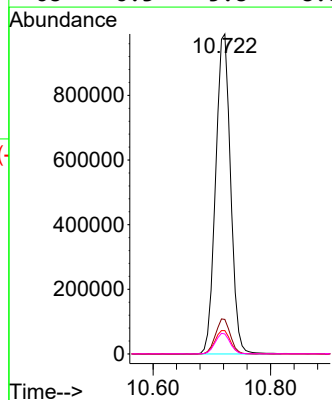
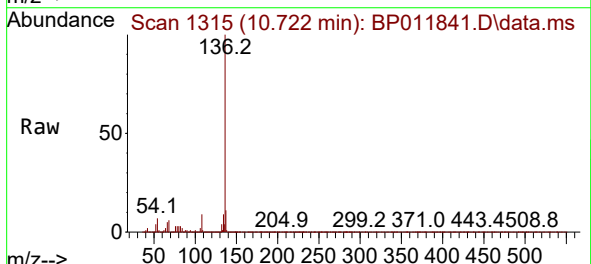
Instrument :
BNA_P
ClientSampleId :
EB-2022-09-27

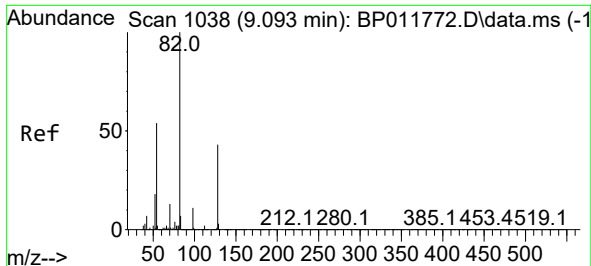
Tgt Ion: 99 Resp: 1477072
Ion Ratio Lower Upper
99 100
42 13.9 15.4 23.2#
71 28.7 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:136 Resp: 1747578
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 8.2 12.4#
68 6.3 5.8 8.8

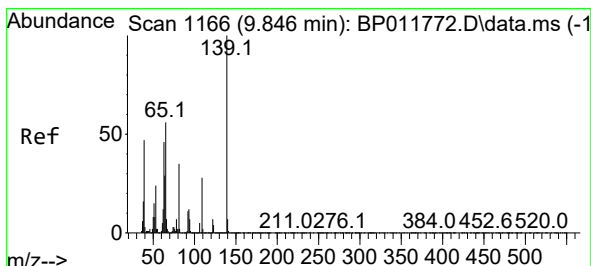
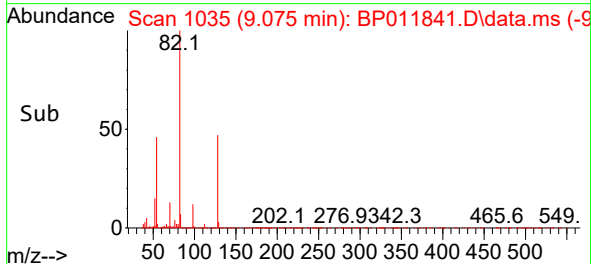
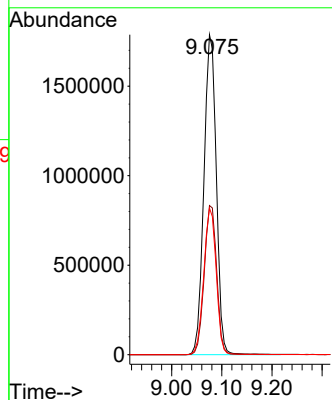
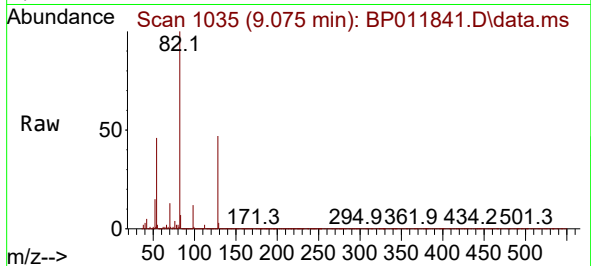




#23
Nitrobenzene-d5
Concen: 92.192 ng
RT: 9.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

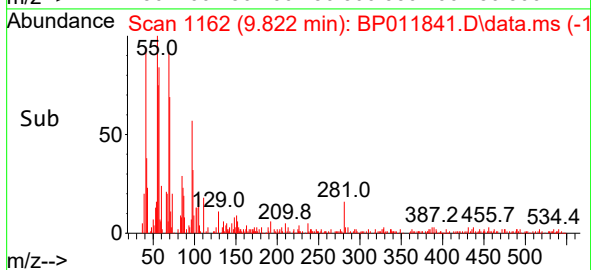
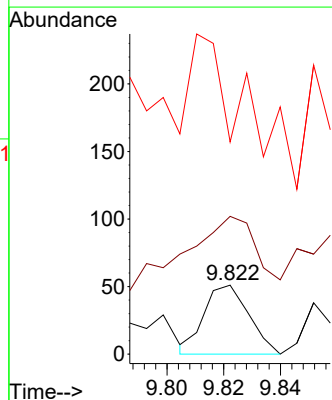
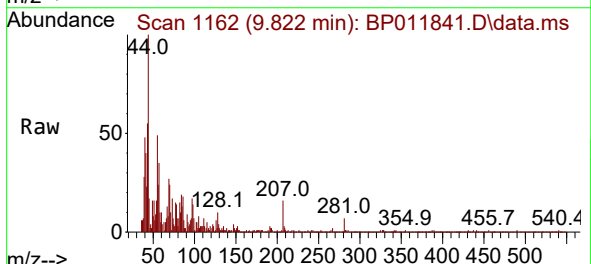
Instrument :
BNA_P
ClientSampleId :
EB-2022-09-27

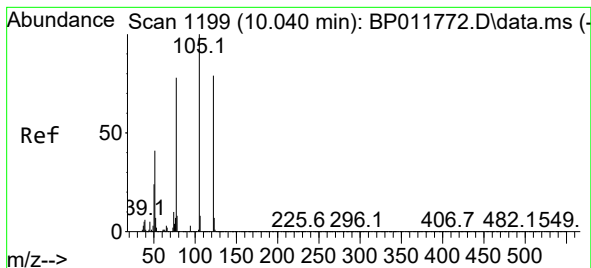
Tgt Ion: 82 Resp: 3078155
Ion Ratio Lower Upper
82 100
128 46.6 34.2 51.4
54 45.8 43.1 64.7



#26
2-Nitrophenol
Concen: 3.335 ng
RT: 9.822 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 200.0 22.6 34.0#
65 307.8 44.7 67.1#





#32

Benzoic acid

Concen: 6.790 ng

RT: 9.975 min Scan# 1199

Delta R.T. -0.041 min

Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

Instrument :

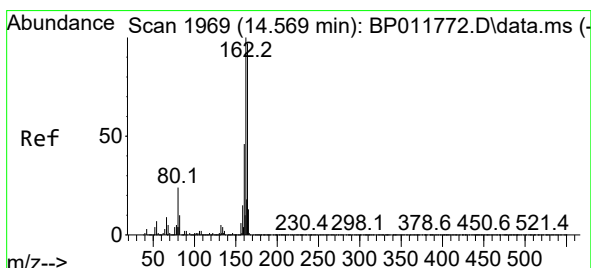
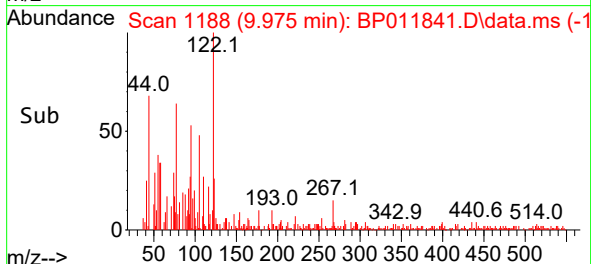
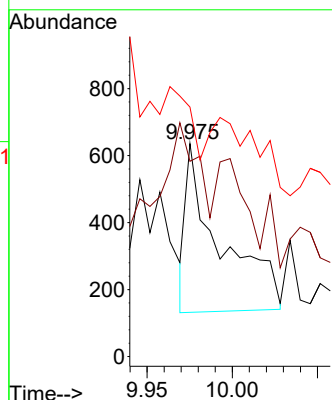
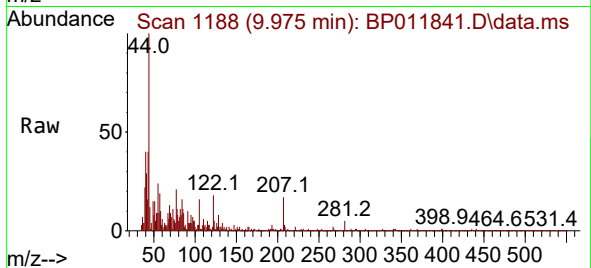
BNA_P

ClientSampleId :

EB-2022-09-27

Tgt Ion:122 Resp: 708

Ion	Ratio	Lower	Upper
122	100		
105	91.7	101.0	141.0#
77	117.1	75.9	115.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1967

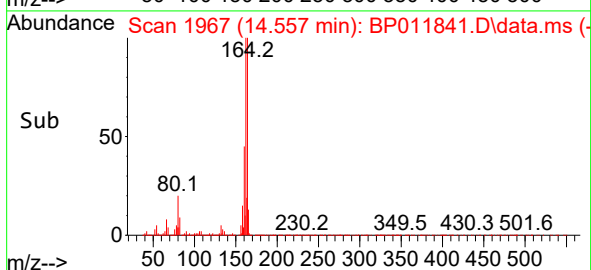
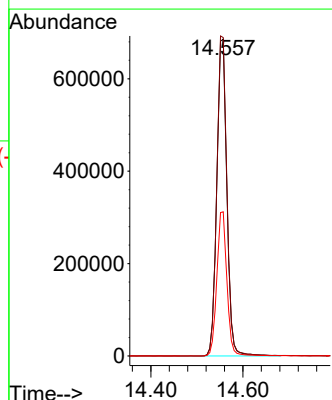
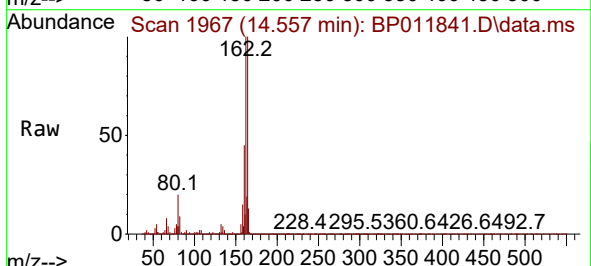
Delta R.T. 0.000 min

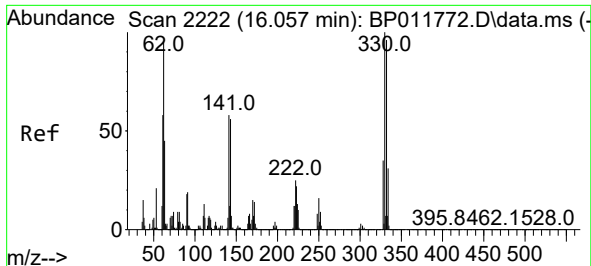
Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

Tgt Ion:164 Resp: 1036988

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.5	123.7
160	45.5	37.8	56.6

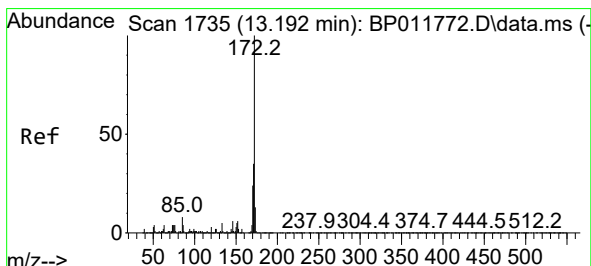
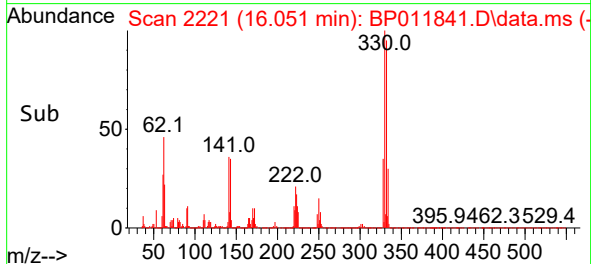
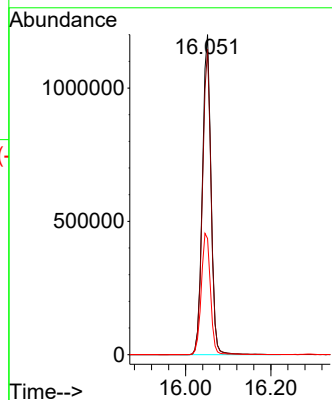
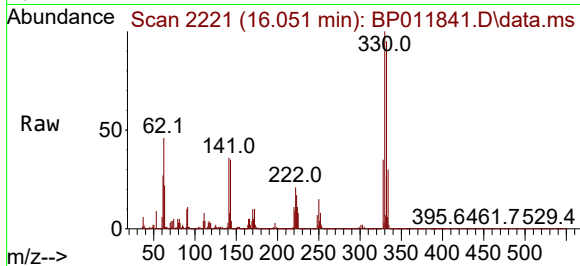




#42
2,4,6-Tribromophenol
Concen: 241.077 ng
RT: 16.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

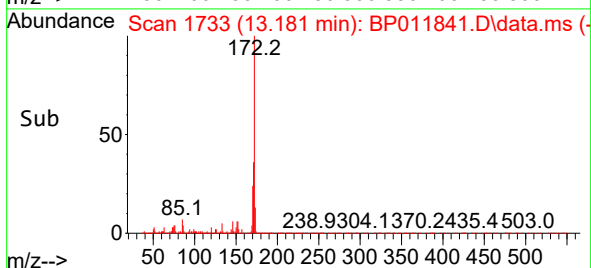
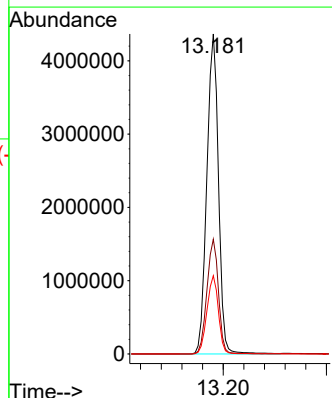
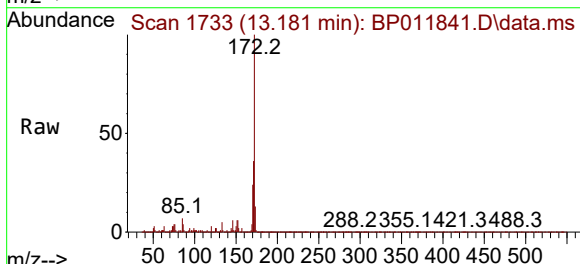
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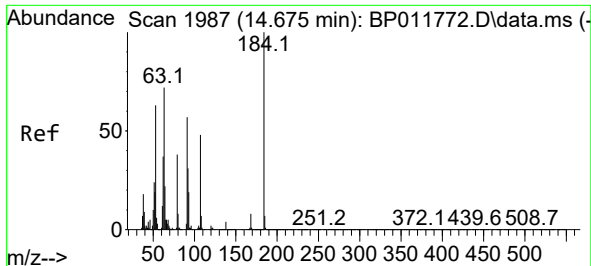
Tgt Ion:330 Resp: 1683329
Ion Ratio Lower Upper
330 100
332 95.1 76.6 114.8
141 40.3 48.7 73.1#



#45
2-Fluorobiphenyl
Concen: 103.906 ng
RT: 13.181 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:172 Resp: 6813612
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.4 19.5 29.3

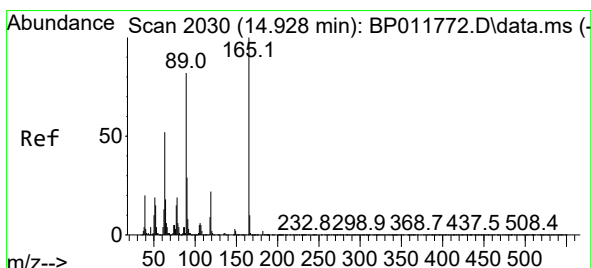
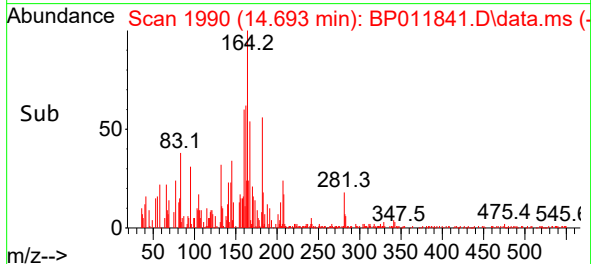
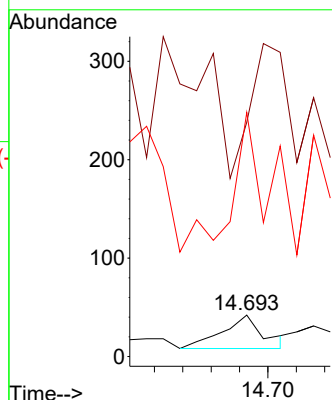
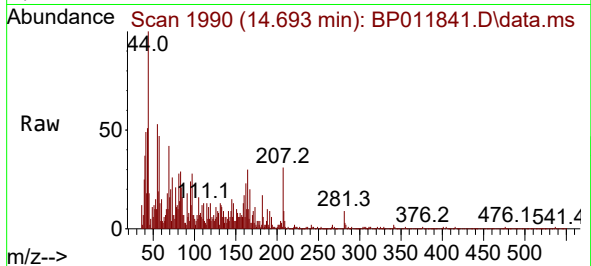




#54
2,4-Dinitrophenol
Concen: 6.730 ng
RT: 14.693 min Scan# 1987
Delta R.T. 0.029 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

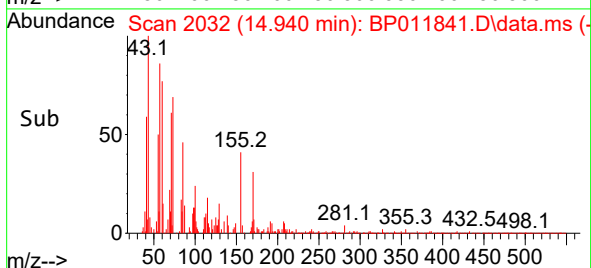
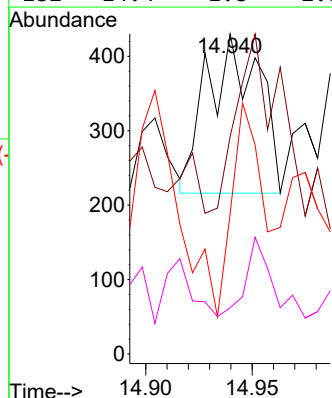
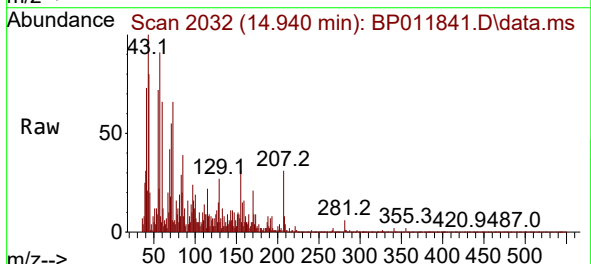
Instrument :
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ClientSampleId :
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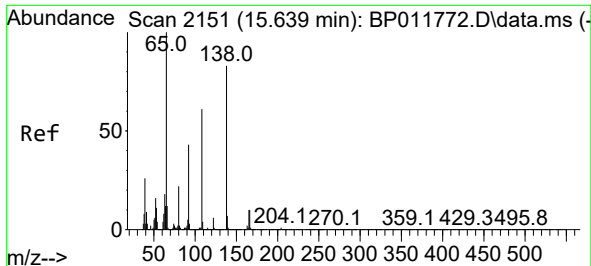
Tgt Ion:184 Resp: 34
Ion Ratio Lower Upper
184 100
63 566.7 65.7 98.5#
154 590.5 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 2.554 ng
RT: 14.940 min Scan# 2032
Delta R.T. 0.024 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:165 Resp: 361
Ion Ratio Lower Upper
165 100
63 67.9 41.4 62.2#
89 43.7 66.0 99.0#
182 14.4 1.8 2.8#

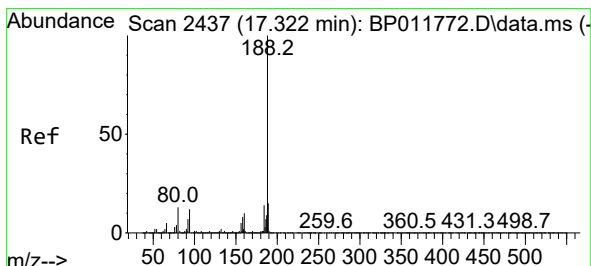
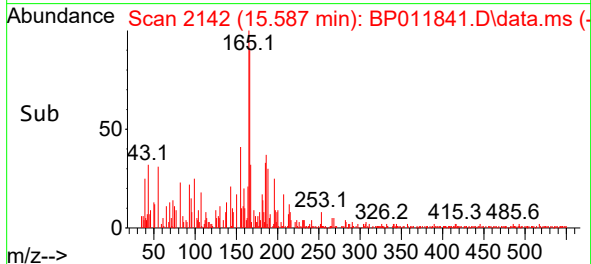
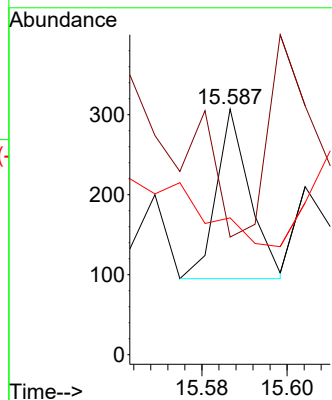
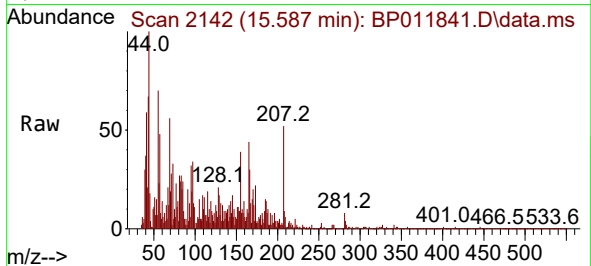




#62
4-Nitroaniline
Concen: 2.391 ng
RT: 15.587 min Scan# 2151
Delta R.T. -0.041 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

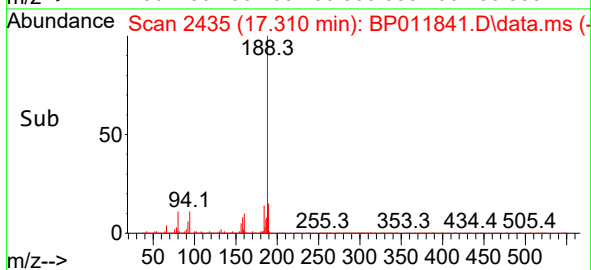
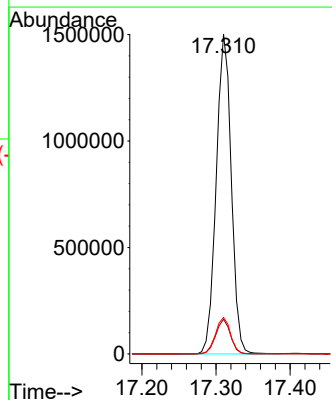
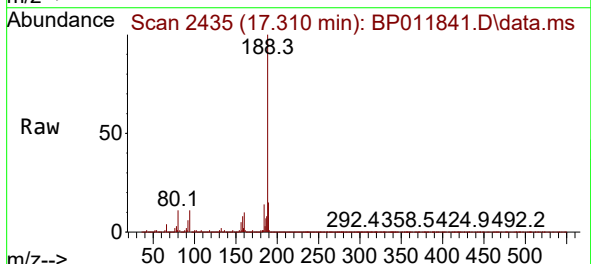
Instrument :
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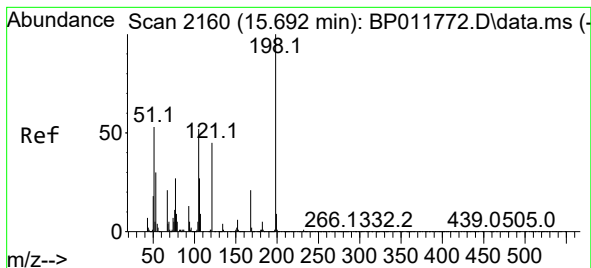
Tgt Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
92 47.9 31.9 71.9
108 55.7 53.3 93.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:188 Resp: 2118907
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.4 10.6 15.8

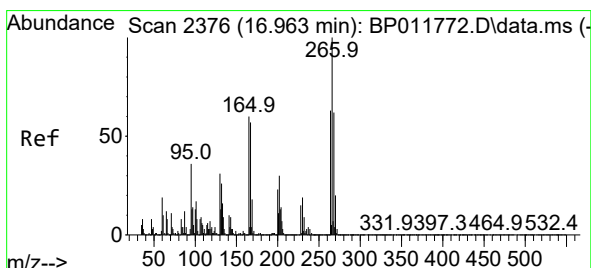
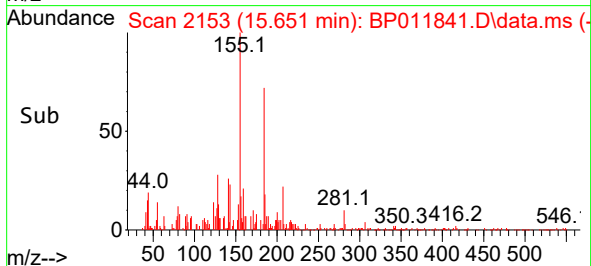
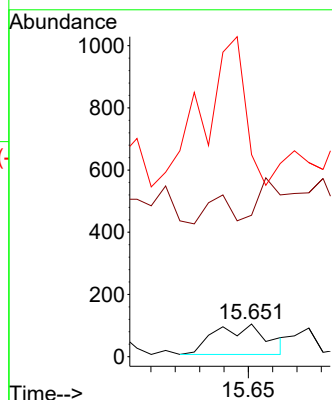
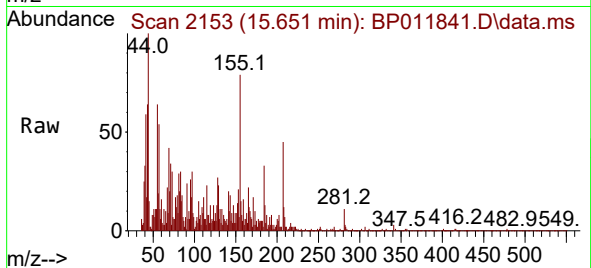




#65
4,6-Dinitro-2-methylphenol
Concen: 5.632 ng
RT: 15.651 min Scan# 2160
Delta R.T. -0.029 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

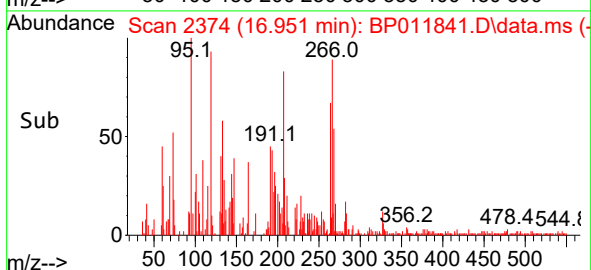
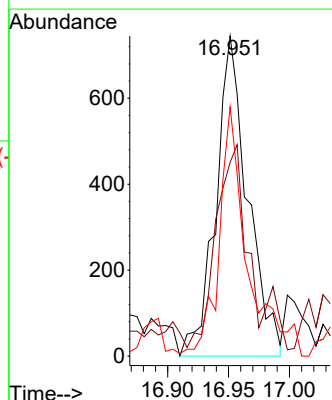
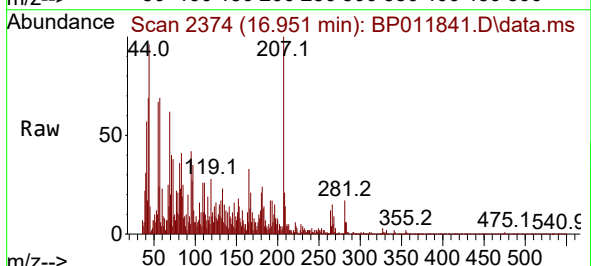
Instrument :
BNA_P
ClientSampleId :
EB-2022-09-27

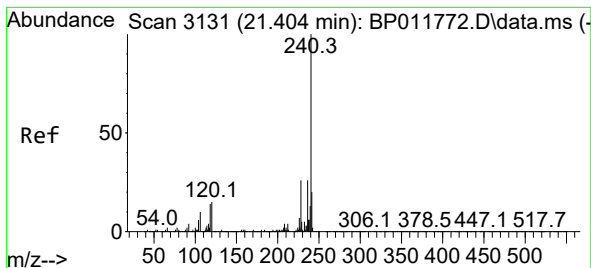
Tgt Ion:198 Resp: 146
Ion Ratio Lower Upper
198 100
51 433.3 41.6 81.6#
105 619.0 33.2 73.2#



#70
Pentachlorophenol
Concen: 4.481 ng
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP011841.D
Acq: 29 Sep 2022 15:01

Tgt Ion:266 Resp: 1355
Ion Ratio Lower Upper
266 100
268 60.5 49.7 74.5
264 77.9 50.6 75.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

Instrument :

BNA_P

ClientSampleId :

EB-2022-09-27

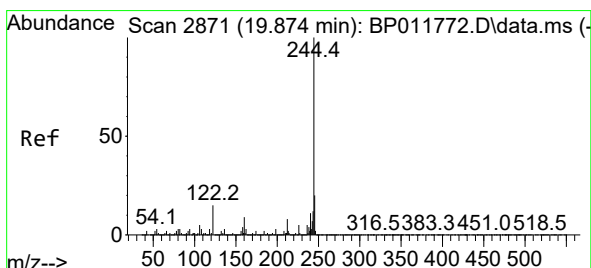
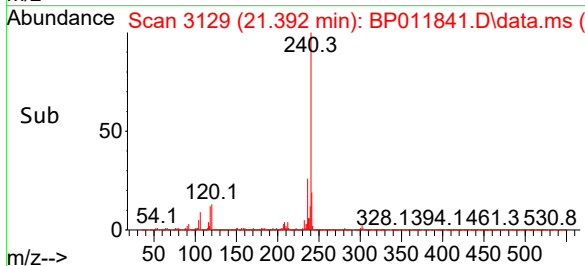
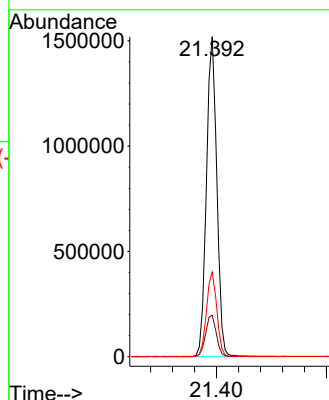
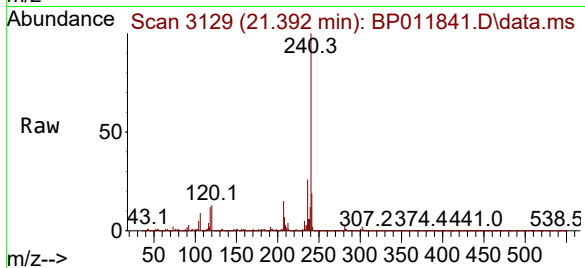
Tgt Ion:240 Resp: 1987979

Ion Ratio Lower Upper

240 100

120 13.0 12.0 18.0

236 26.4 21.1 31.7



#79

Terphenyl-d14

Concen: 100.725 ng

RT: 19.869 min Scan# 2870

Delta R.T. 0.000 min

Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

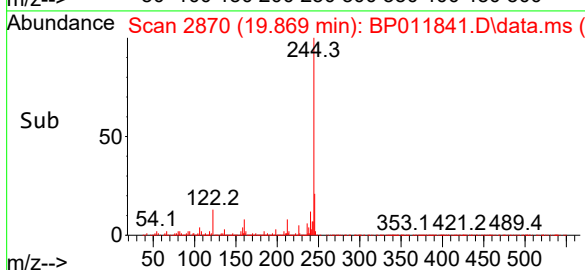
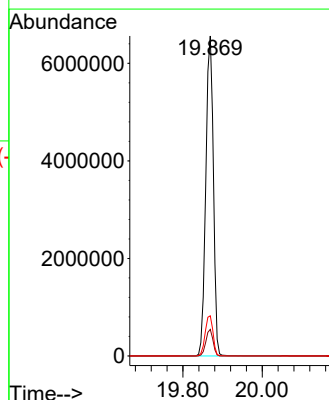
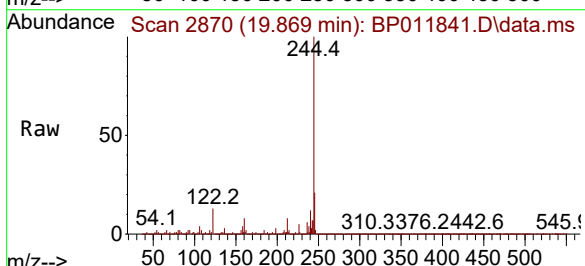
Tgt Ion:244 Resp: 8708573

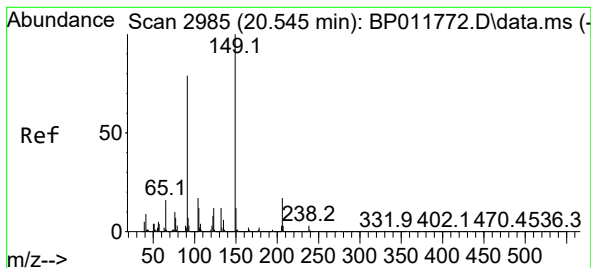
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 12.6 11.8 17.8





#80

Butylbenzylphthalate

Concen: 2.707 ng

RT: 20.516 min Scan# 2985

Delta R.T. -0.023 min

Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

Instrument :

BNA_P

ClientSampleId :

EB-2022-09-27

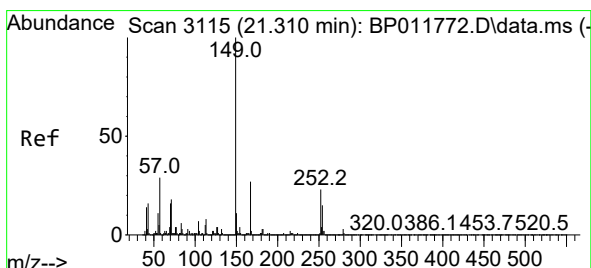
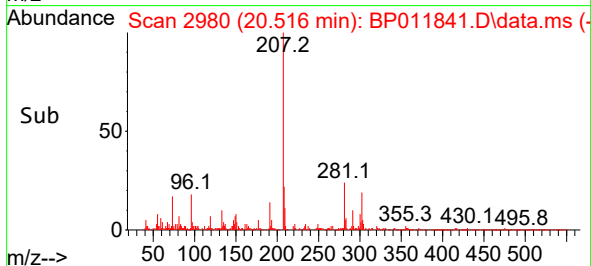
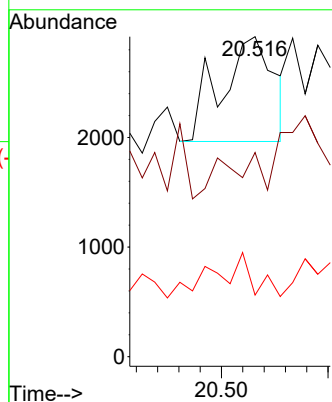
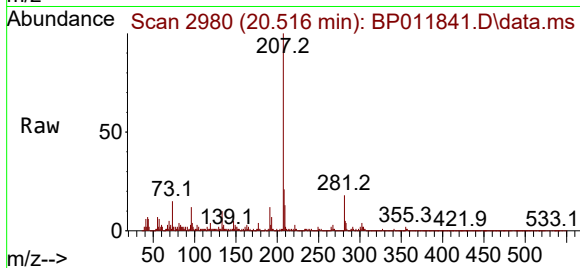
Tgt Ion:149 Resp: 1642

Ion Ratio Lower Upper

149 100

91 63.8 63.1 94.7

206 19.2 13.6 20.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.278 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP011841.D

Acq: 29 Sep 2022 15:01

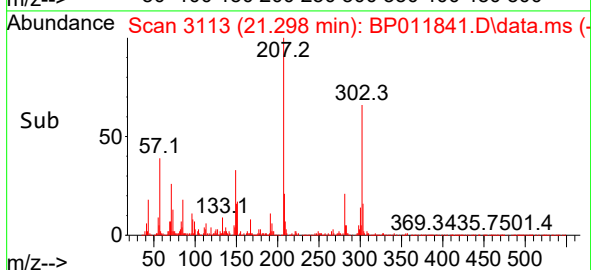
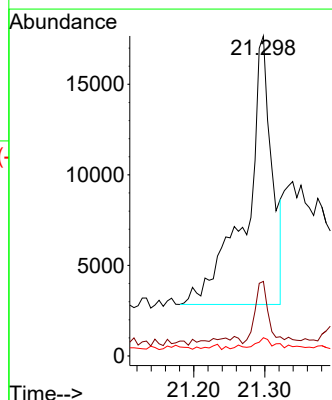
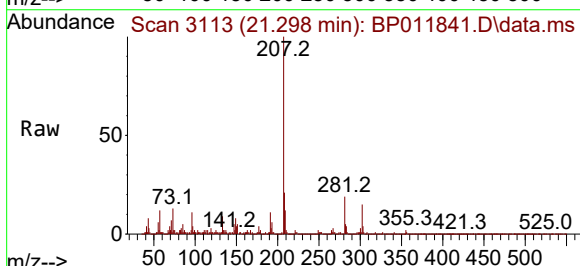
Tgt Ion:149 Resp: 37665

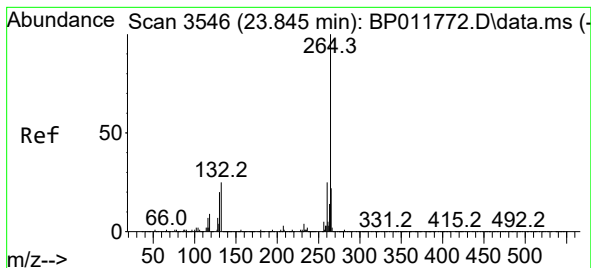
Ion Ratio Lower Upper

149 100

167 23.3 21.8 32.6

279 5.7 2.5 3.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.833 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011841.D

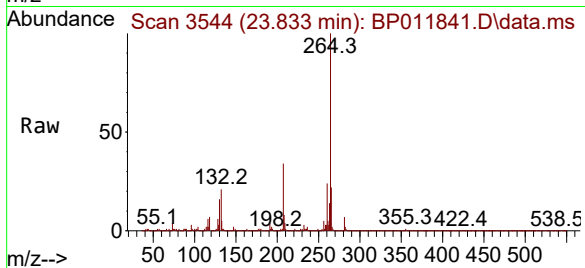
Acq: 29 Sep 2022 15:01

Instrument :

BNA_P

ClientSampleId :

EB-2022-09-27



Tgt Ion:264 Resp: 1807514

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.6 17.8 26.8

